

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010711.D
 Acq On : 08 Jul 2019 21:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:23:35 AM

Quant Time: Jul 09 03:06:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104958	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
35) Dibromofluoromethane	5.50	113	101431	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.71	98	368289	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	11.13	95	139562	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92178	60.303	ug/l	98
3) Chloromethane	1.32	50	97951	55.031	ug/l	99
4) Vinyl Chloride	1.41	62	104140	53.417	ug/l	100
5) Bromomethane	1.64	94	55887	58.842	ug/l	99
6) Chloroethane	1.71	64	67187	58.413	ug/l	98
7) Trichlorofluoromethane	1.92	101	177033	57.283	ug/l	99
8) Diethyl Ether	2.19	74	61687	55.659	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100595	53.712	ug/l	99
10) Methyl Iodide	2.51	142	132284	49.492	ug/l	97
11) Tert butyl alcohol	3.05	59	126162	233.886	ug/l	98
12) 1,1-Dichloroethene	2.37	96	102185	53.619	ug/l	98
13) Acrolein	2.29	56	77530	216.663	ug/l	100
14) Allyl chloride	2.73	41	146197	54.035	ug/l	97
15) Acrylonitrile	3.14	53	293583	274.894	ug/l	100
16) Acetone	2.45	43	235220	227.674	ug/l	97
17) Carbon Disulfide	2.57	76	256345	50.137	ug/l	99
18) Methyl Acetate	2.78	43	115698	56.188	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	328339	54.766	ug/l	97
20) Methylene Chloride	2.85	84	115660	54.399	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	107297	52.349	ug/l	97
22) Diisopropyl ether	3.85	45	314049	55.517	ug/l	95
23) Vinyl Acetate	3.81	43	1371758	280.702	ug/l	99
24) 1,1-Dichloroethane	3.70	63	179450	54.880	ug/l	98
25) 2-Butanone	4.67	43	396164	261.410	ug/l	99
26) 2,2-Dichloropropane	4.58	77	129329	45.530	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	125211	52.864	ug/l	99
28) Bromochloromethane	5.01	49	77582	49.625	ug/l	93
29) Tetrahydrofuran	5.13	42	258099	274.952	ug/l	99
30) Chloroform	5.21	83	191980	54.568	ug/l	98
31) Cyclohexane	5.57	56	162491	54.570	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	169121	54.440	ug/l	99
36) 1,1-Dichloropropene	5.80	75	138448	52.186	ug/l	99
37) Ethyl Acetate	4.84	43	149760	54.872	ug/l	99
38) Carbon Tetrachloride	5.78	117	148665	51.749	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177082	50.780	ug/l	99
40) Benzene	6.14	78	440470	53.292	ug/l	99
41) Methacrylonitrile	5.04	41	79674	53.205	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143532	57.049	ug/l	98
43) Isopropyl Acetate	6.45	43	245594	54.389	ug/l	97
44) Trichloroethene	7.21	130	127840	51.691	ug/l	99
45) 1,2-Dichloropropane	7.51	63	110156	52.777	ug/l	100
46) Dibromomethane	7.66	93	79525	53.105	ug/l	97
47) Bromodichloromethane	7.90	83	143192	52.177	ug/l	99
48) Methyl methacrylate	7.77	41	116760	55.630	ug/l	97
49) 1,4-Dioxane	7.74	88	62386	1031.807	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	805728	278.998	ug/l	98
52) Toluene	8.79	92	285300	52.417	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157619	51.228	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172482	51.585	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118803	52.924	ug/l	99
56) Ethyl methacrylate	9.18	69	183701	54.021	ug/l	96
57) 1,3-Dichloropropane	9.37	76	186933	53.646	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	385658	238.796	ug/l	99
59) 2-Hexanone	9.49	43	622623	273.932	ug/l	98
60) Dibromochloromethane	9.58	129	130126	51.773	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127706	52.706	ug/l	100
64) Tetrachloroethene	9.34	164	122138	48.767	ug/l	98
65) Chlorobenzene	10.13	112	322244	51.260	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	118540	51.767	ug/l	99
67) Ethyl Benzene	10.25	91	555727	52.363	ug/l	99
68) m/p-Xylenes	10.36	106	434442	105.646	ug/l	99
69) o-Xylene	10.69	106	211959	52.413	ug/l	99
70) Styrene	10.71	104	360759	53.194	ug/l	98
71) Bromoform	10.85	173	98612	49.521	ug/l	99
73) Isopropylbenzene	11.02	105	564088	51.232	ug/l	99
74) N-amyl acetate	10.90	43	225155	54.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	185668	50.918	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153975m	52.021	ug/l	
77) Bromobenzene	11.26	156	153055	49.783	ug/l	98
78) n-propylbenzene	11.36	91	629867	52.050	ug/l	99
79) 2-Chlorotoluene	11.42	91	372112	51.640	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	473729	52.191	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55462	43.714	ug/l	92
82) 4-Chlorotoluene	11.51	91	428453	52.253	ug/l	100
83) tert-Butylbenzene	11.77	119	466830	51.242	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	478464	52.466	ug/l	100
85) sec-Butylbenzene	11.94	105	549157	51.339	ug/l	99
86) p-Isopropyltoluene	12.06	119	509884	51.534	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270024	50.315	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	267740	49.005	ug/l	99
89) n-Butylbenzene	12.38	91	434980	51.737	ug/l	99
90) Hexachloroethane	12.60	117	82652	48.311	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	266226	49.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38994	49.599	ug/l	93

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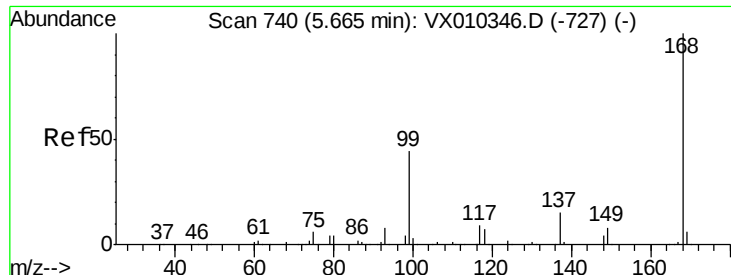
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181733	49.132	ug/l	99
94) Hexachlorobutadiene	13.78	225	87784	48.559	ug/l	98
95) Naphthalene	13.83	128	576637	50.729	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	184780	50.244	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 219866

Ion Ratio Lower Upper

168 100

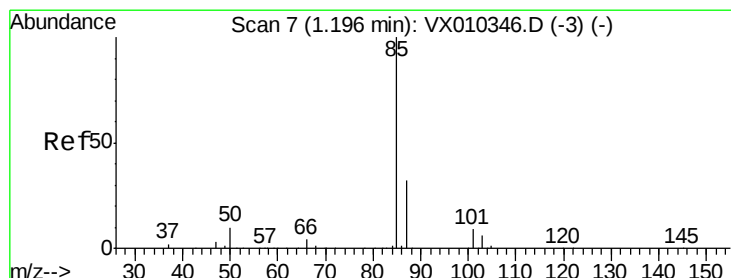
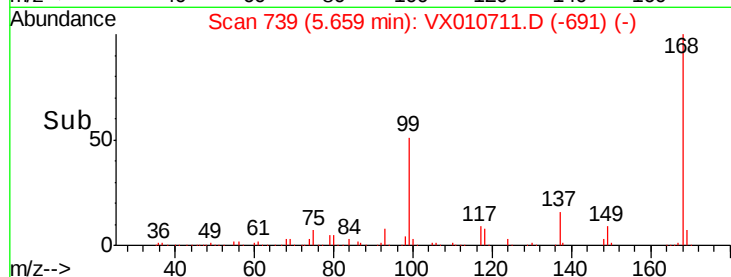
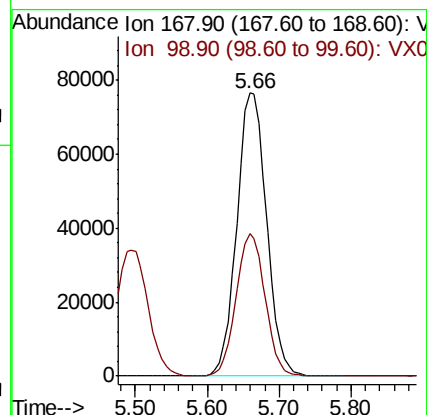
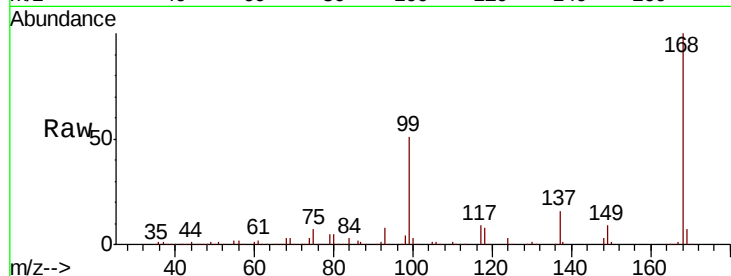
99 50.5 35.5 53.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 60.303 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010711.D

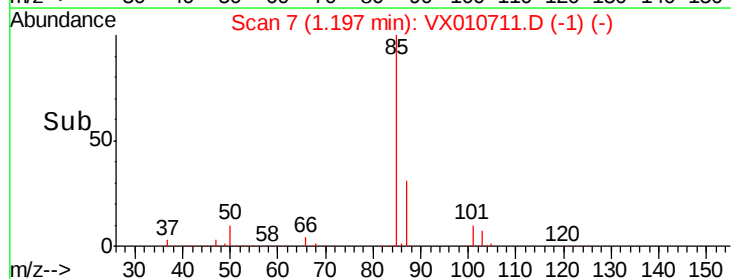
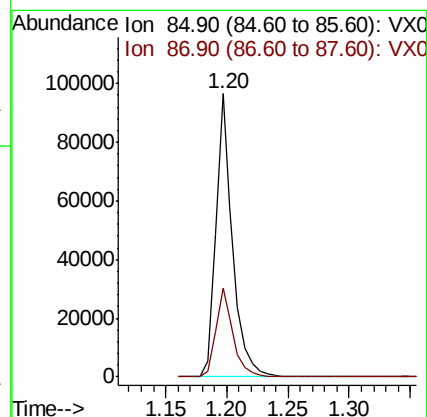
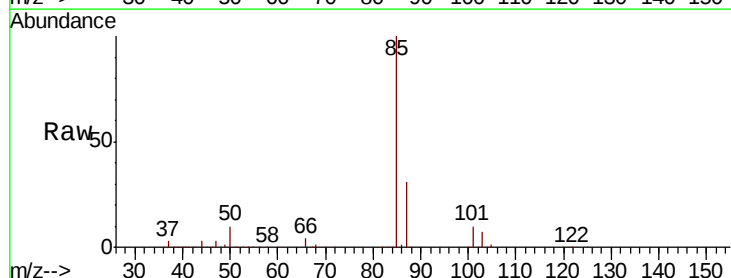
Acq: 08 Jul 2019 21:39

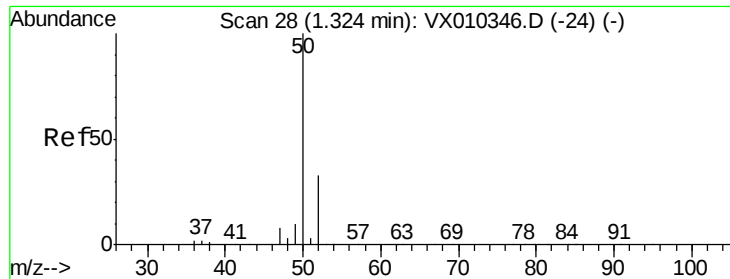
Tgt Ion: 85 Resp: 92178

Ion Ratio Lower Upper

85 100

87 31.3 16.3 48.8





#3

Chloromethane

Concen: 55.031 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 50 Resp: 97951

Ion Ratio Lower Upper

50 100

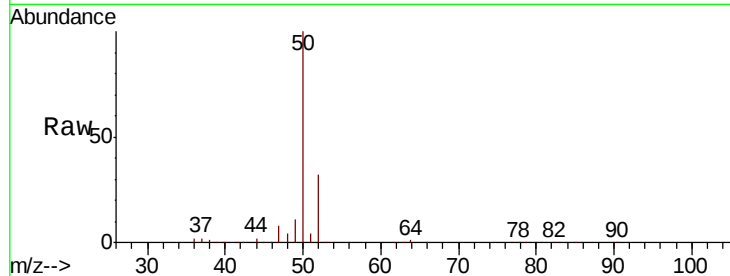
52 32.4 26.5 39.7

Manual Integrations

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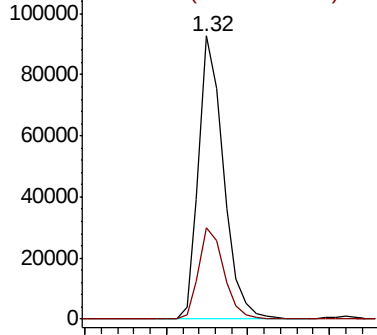
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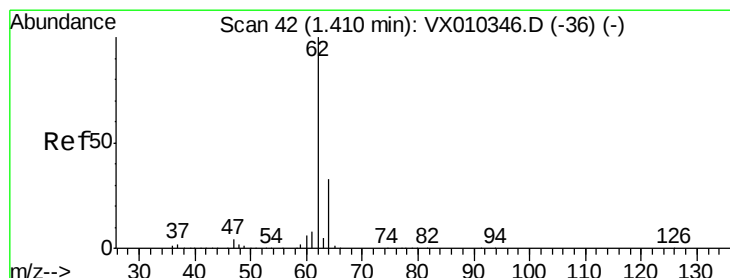
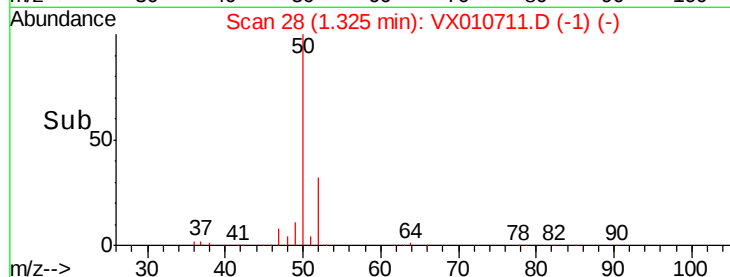


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 53.417 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010711.D

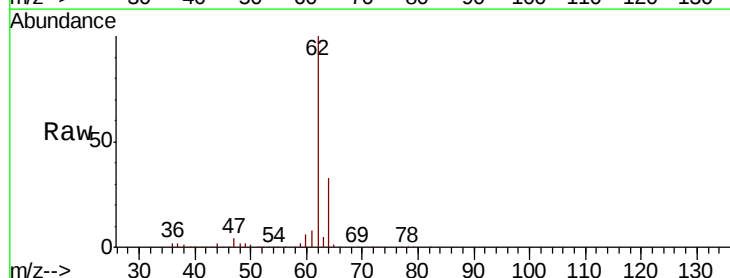
Acq: 08 Jul 2019 21:39

Tgt Ion: 62 Resp: 104140

Ion Ratio Lower Upper

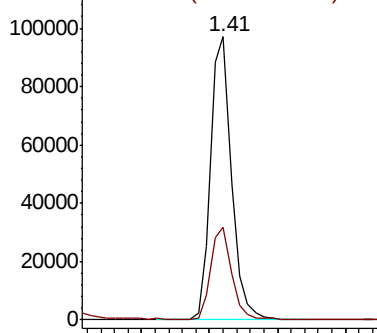
62 100

64 32.7 26.2 39.4

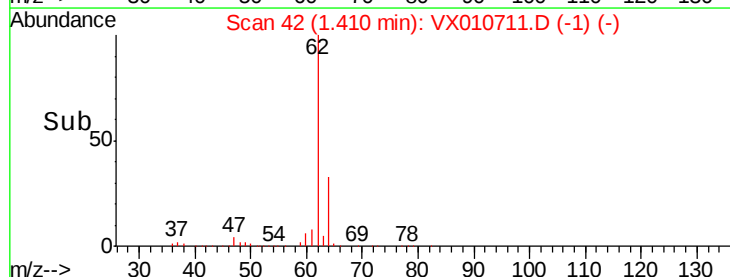


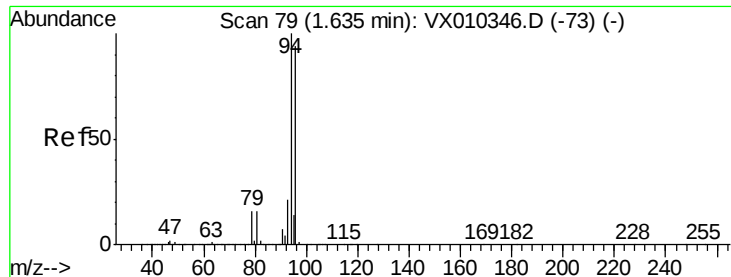
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 58.842 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 55887

Ion Ratio Lower Upper

94 100

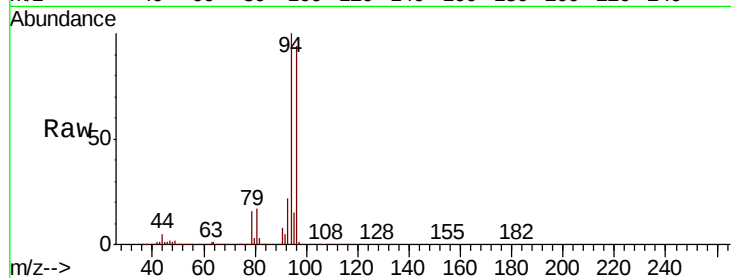
96 93.7 75.5 113.3

Manual Integrations

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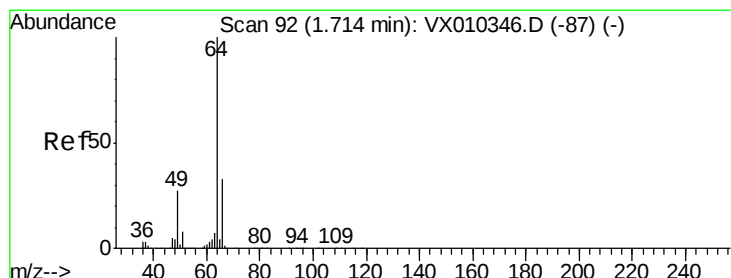
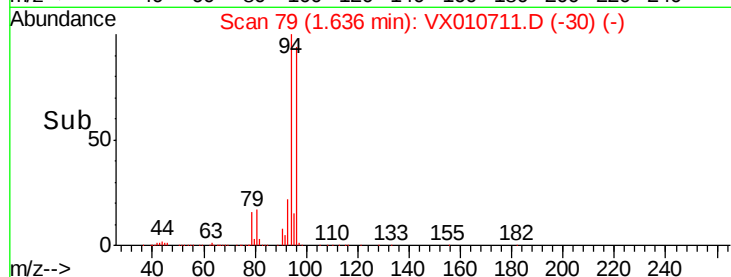
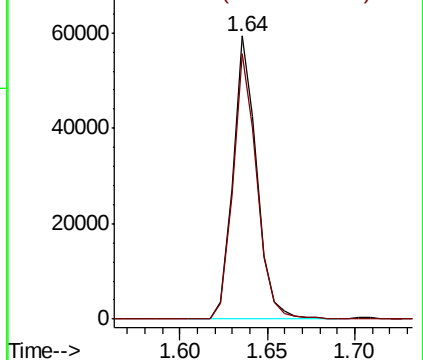
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.413 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010711.D

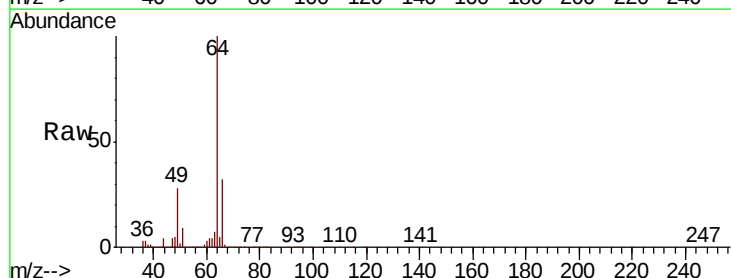
Acq: 08 Jul 2019 21:39

Tgt Ion: 64 Resp: 67187

Ion Ratio Lower Upper

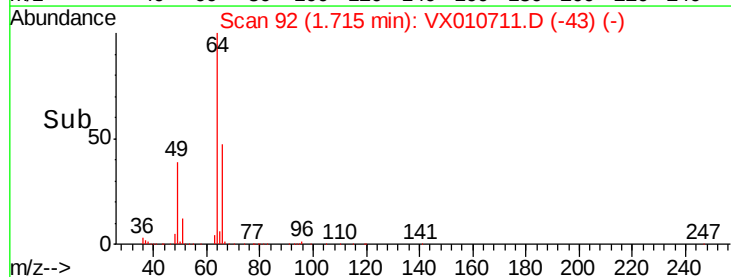
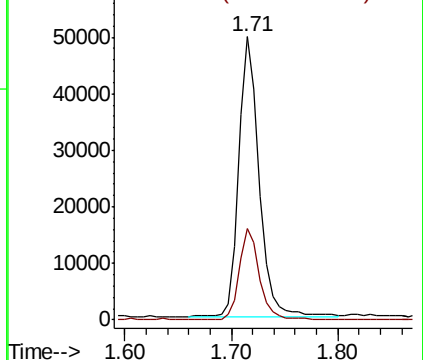
64 100

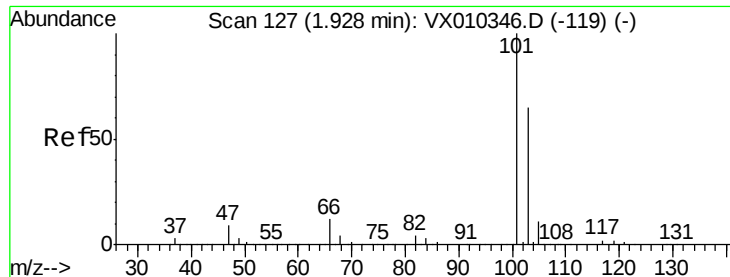
66 32.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

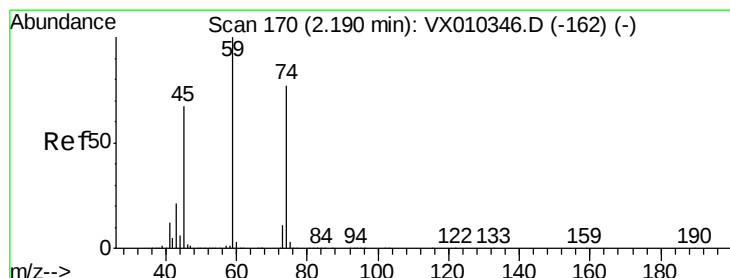
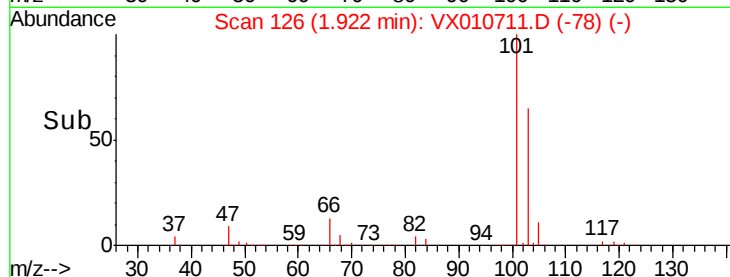
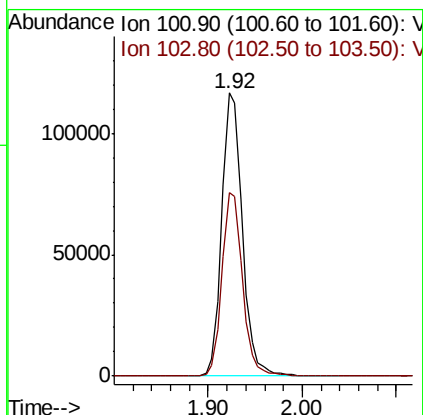
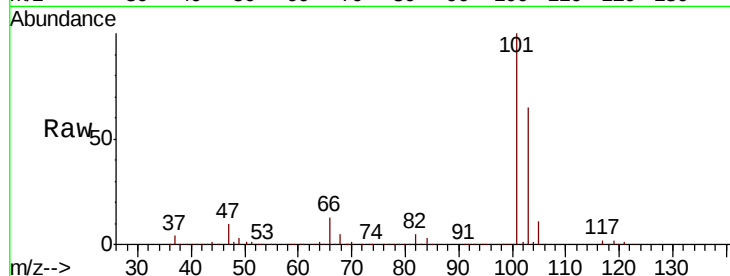
Trichlorofluoromethane
Concen: 57.283 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 177033
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

Manual Integrations
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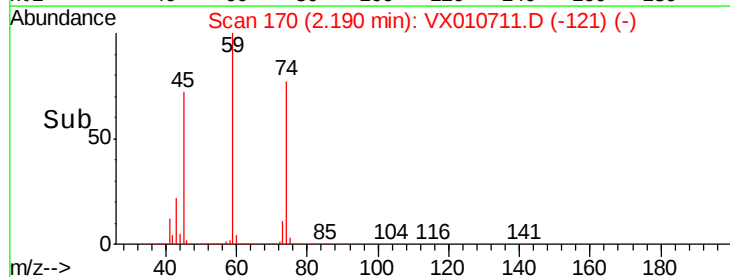
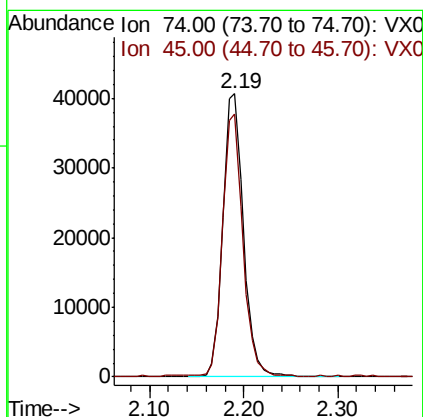
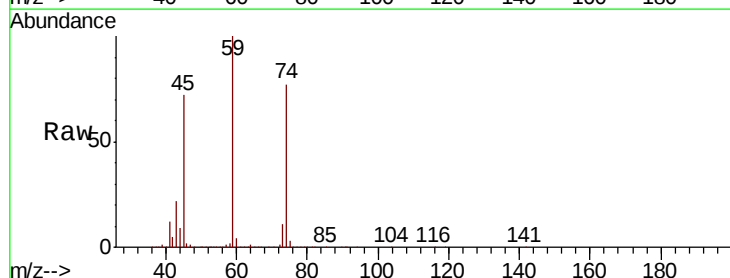
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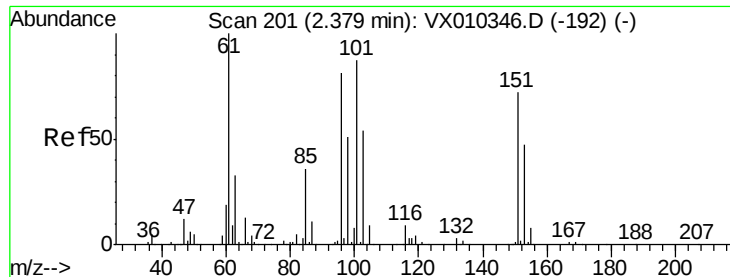


#8

Diethyl Ether
Concen: 55.659 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion: 74 Resp: 61687
Ion Ratio Lower Upper
74 100
45 91.4 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.712 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

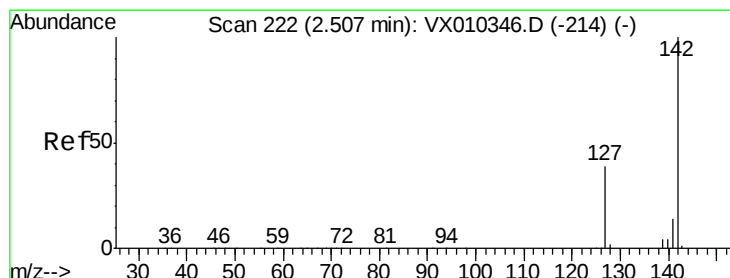
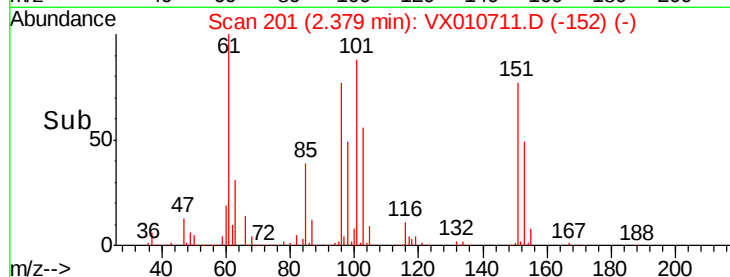
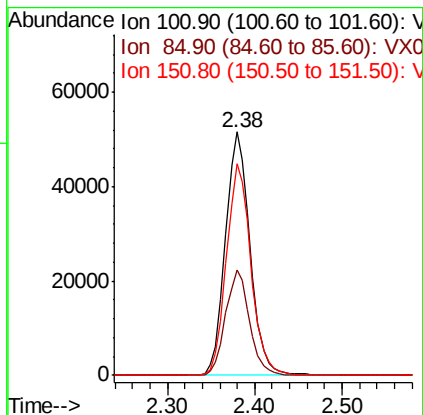
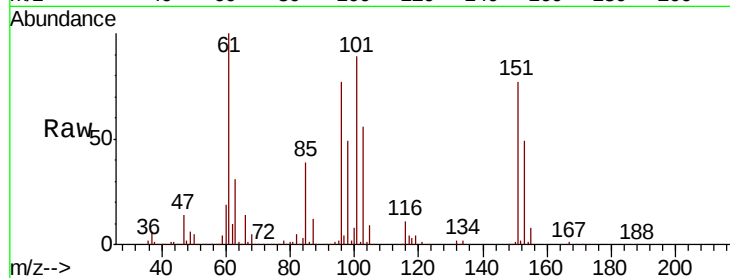
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	100595
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.7	50.5
151	86.8	70.1	105.1

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#10

Methyl Iodide

Concen: 49.492 ug/l

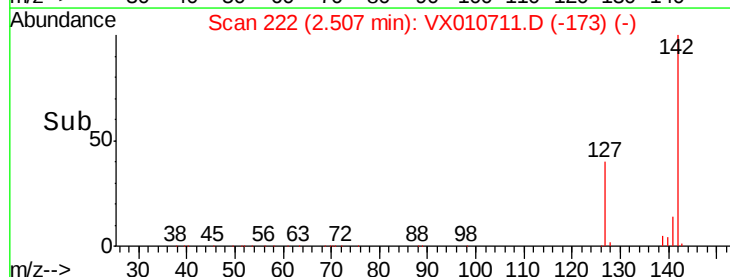
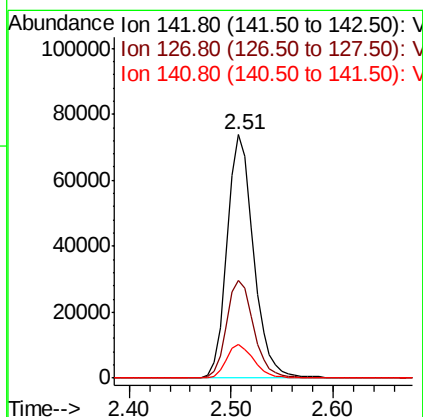
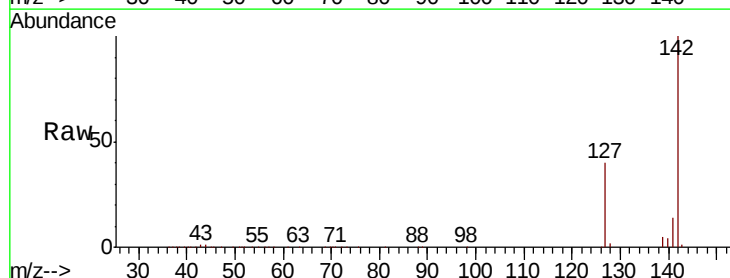
RT: 2.51 min Scan# 222

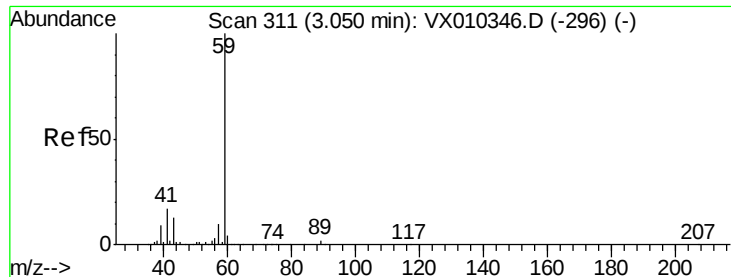
Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Tgt Ion:	142	Resp:	132284
Ion Ratio	Lower	Upper	
142	100		
127	41.2	31.1	46.7
141	14.3	11.2	16.8





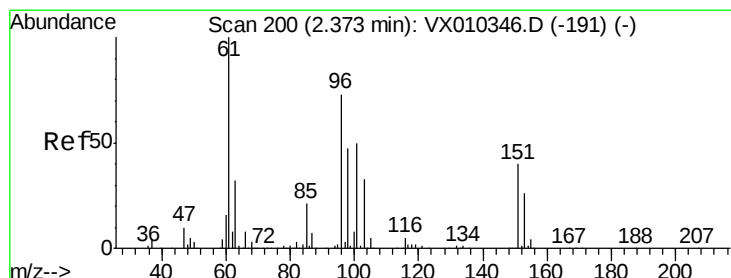
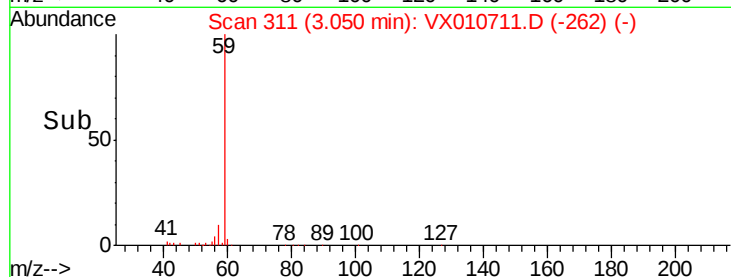
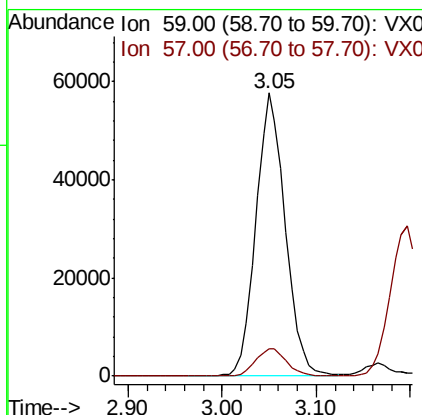
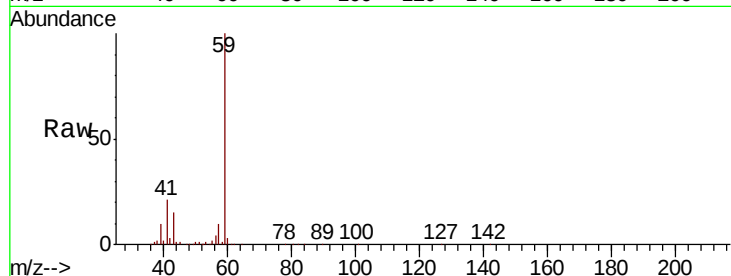
#11
Tert butyl alcohol
Concen: 233.886 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 126162
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5

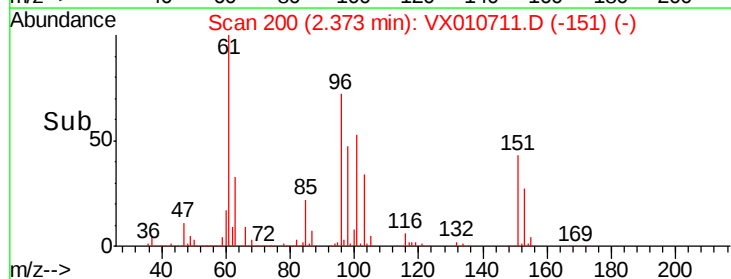
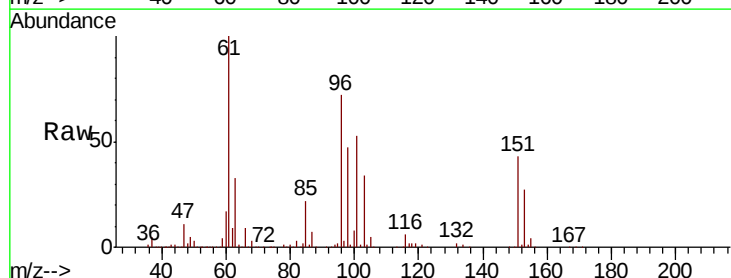
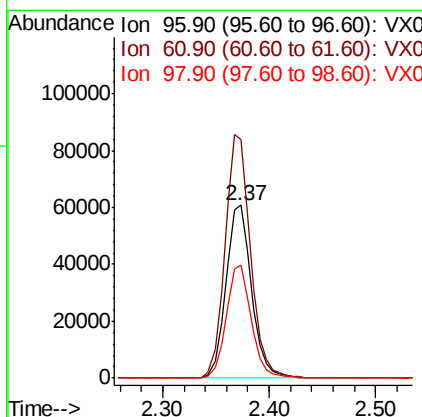
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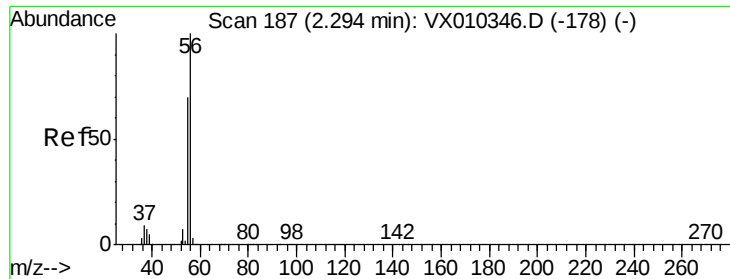
MMDadoda
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#12
1,1-Dichloroethene
Concen: 53.619 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion: 96 Resp: 102185
Ion Ratio Lower Upper
96 100
61 138.1 109.2 163.8
98 65.5 51.1 76.7





#13

Acrolein

Concen: 216.663 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 77530

Ion Ratio Lower Upper

56 100

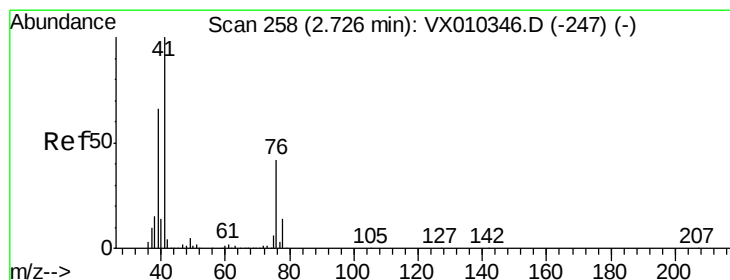
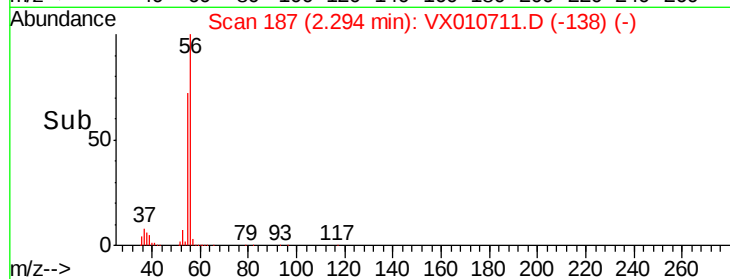
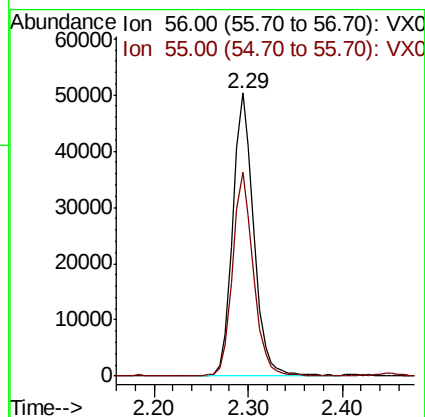
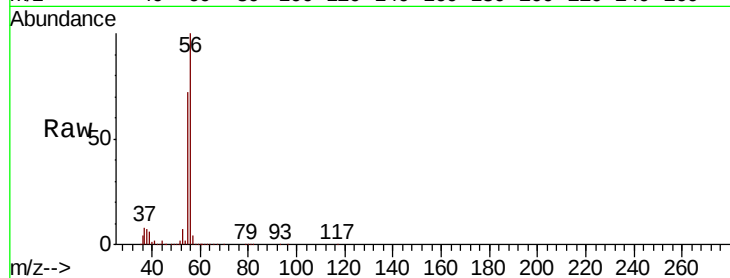
55 70.8 56.9 85.3

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#14

Allyl chloride

Concen: 54.035 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

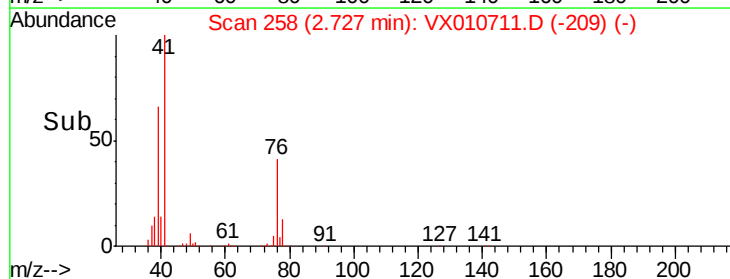
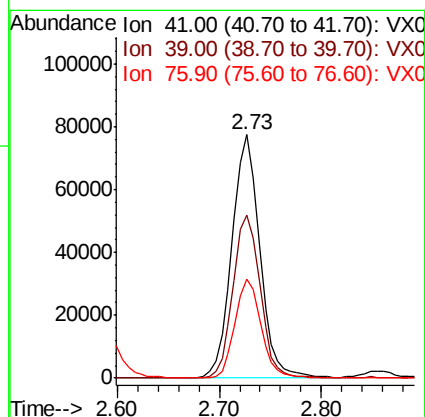
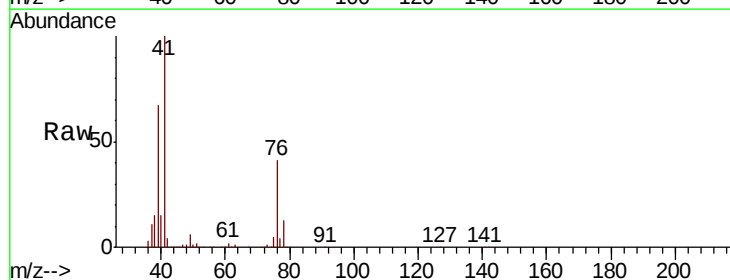
Tgt Ion: 41 Resp: 146197

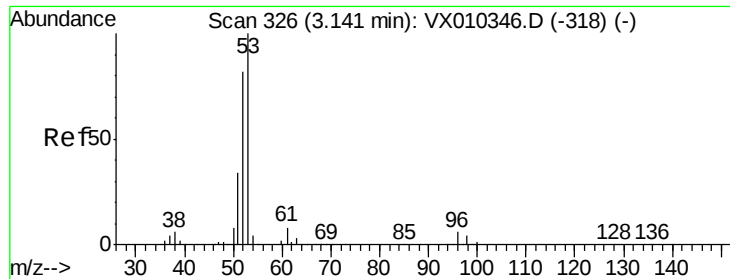
Ion Ratio Lower Upper

41 100

39 65.8 50.3 75.5

76 38.0 31.3 46.9





#15

Acrylonitrile

Concen: 274.894 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

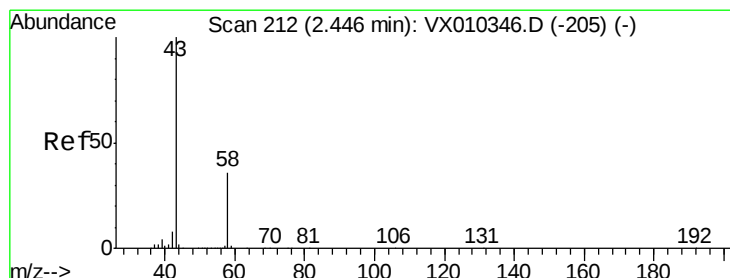
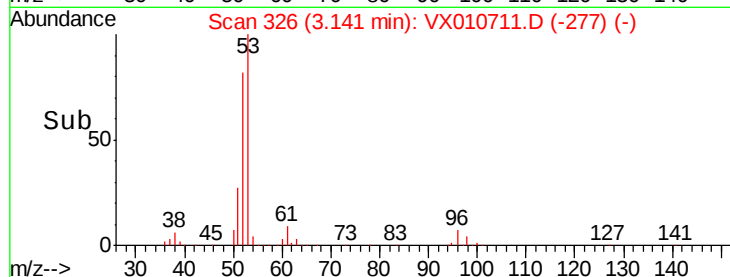
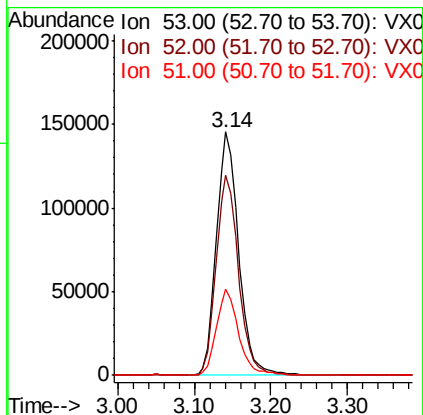
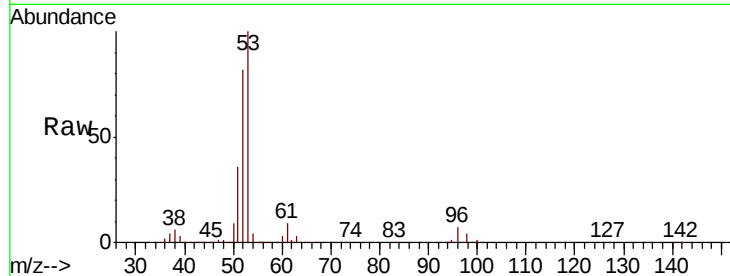
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	293583
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	35.0	28.2	42.4

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#16

Acetone

Concen: 227.674 ug/l

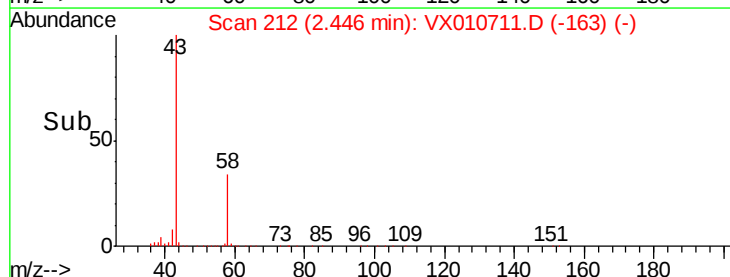
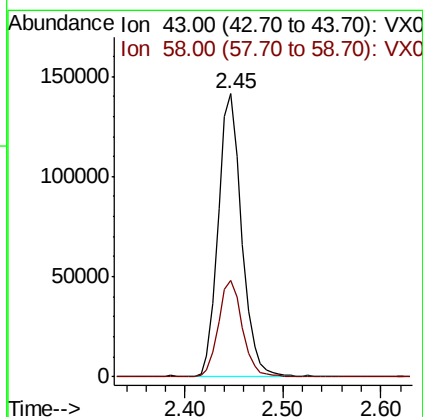
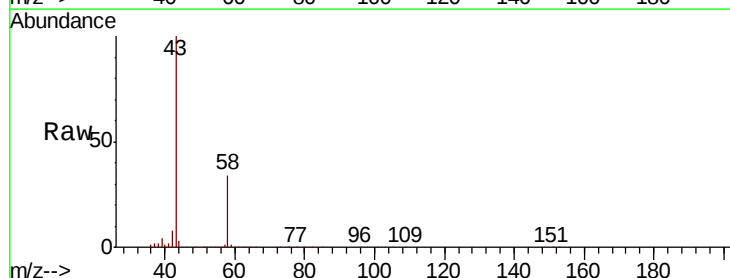
RT: 2.45 min Scan# 212

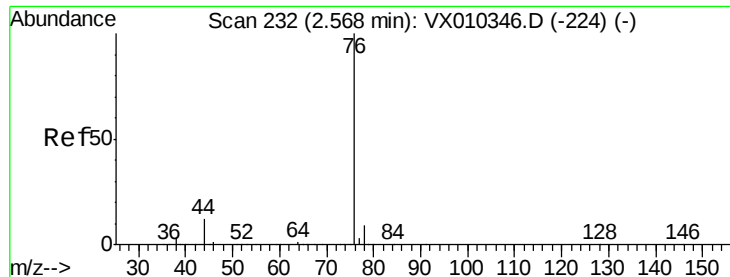
Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Tgt Ion:	43	Resp:	235220
Ion	Ratio	Lower	Upper
43	100		
58	34.2	28.9	43.3





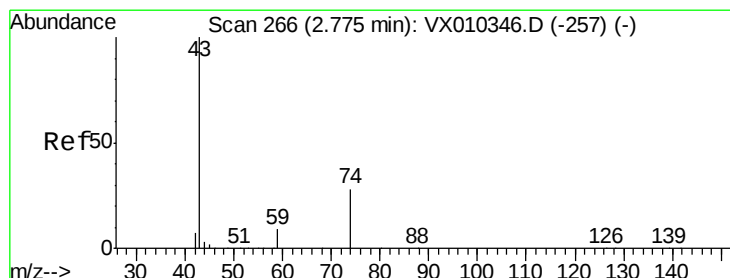
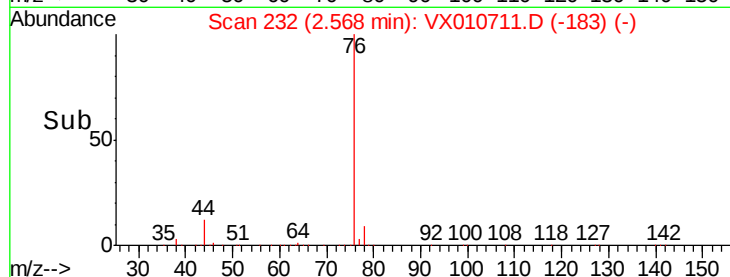
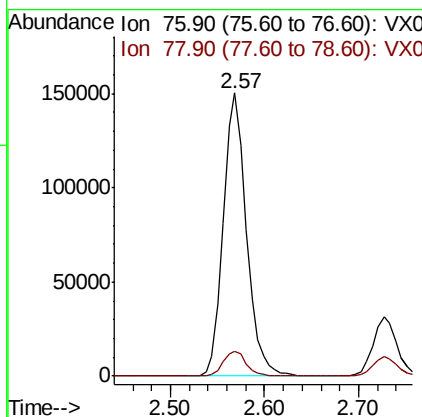
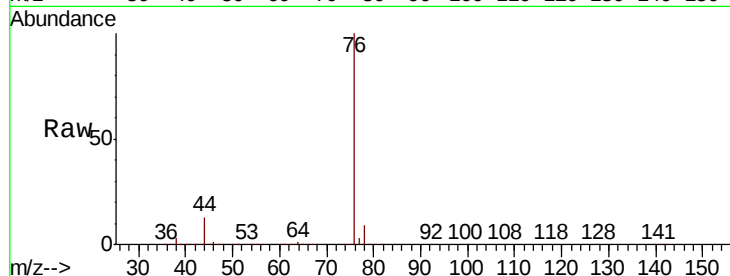
#17
Carbon Disulfide
Concen: 50.137 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

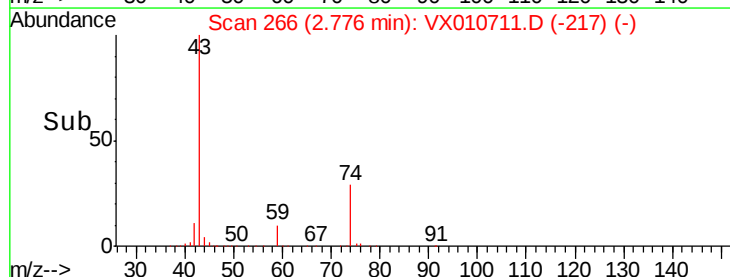
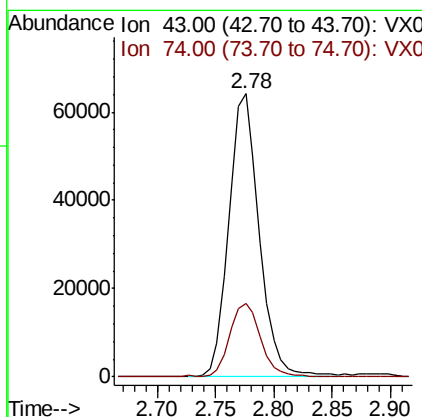
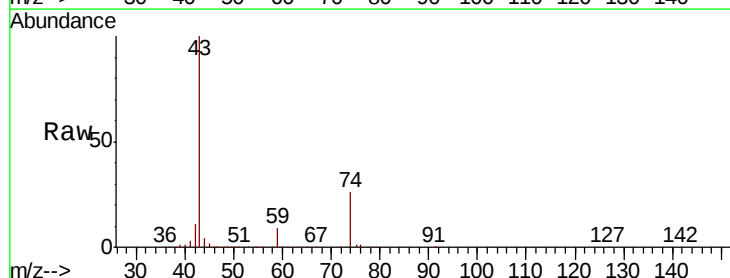
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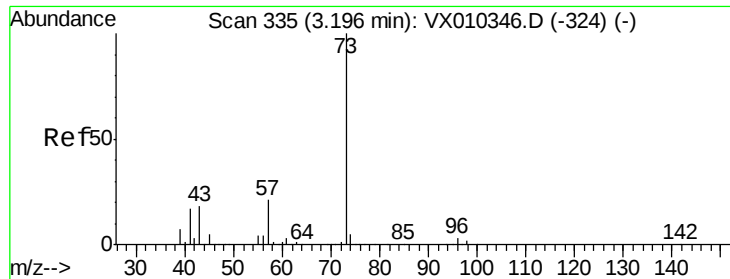
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#18
Methyl Acetate
Concen: 56.188 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	21.3	31.9





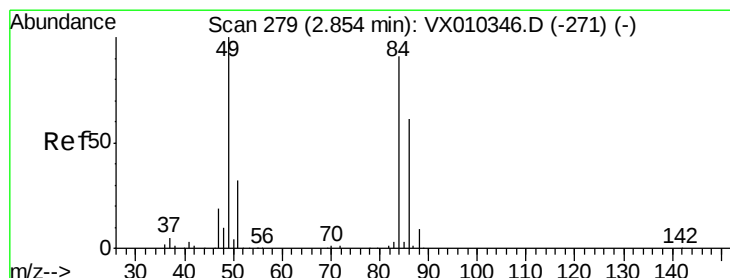
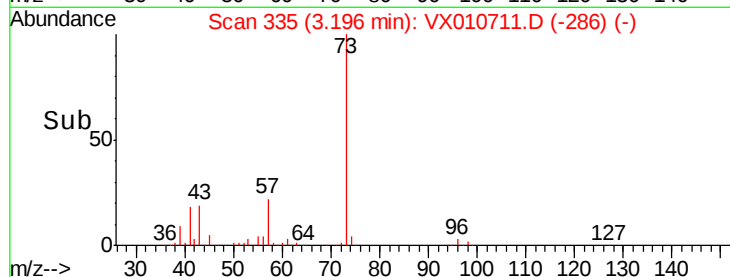
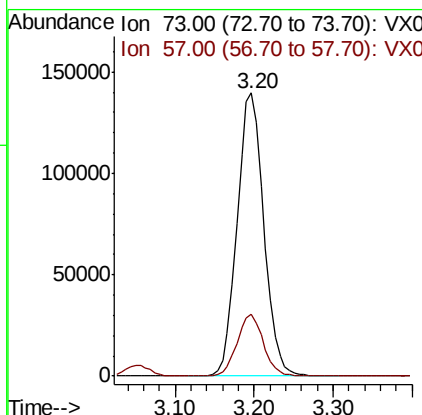
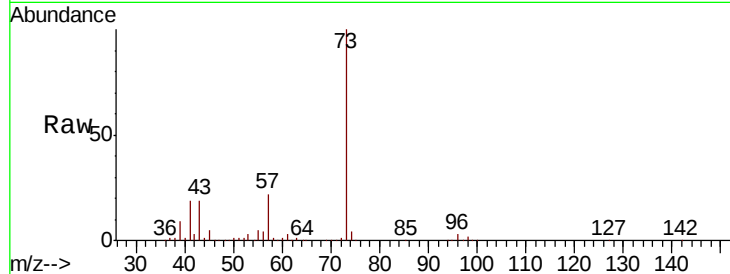
#19
Methyl tert-butyl Ether
Concen: 54.766 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 328339
Ion Ratio Lower Upper
73 100
57 21.8 16.4 24.6

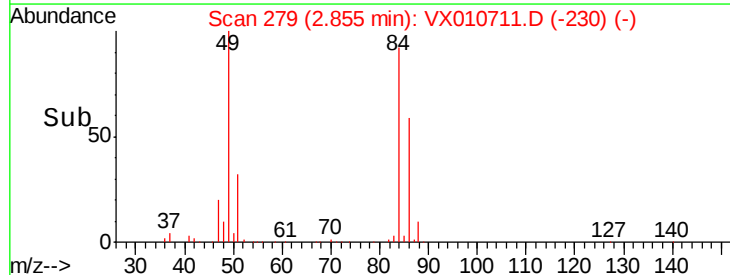
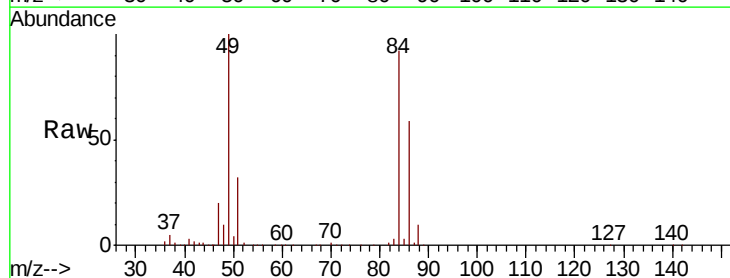
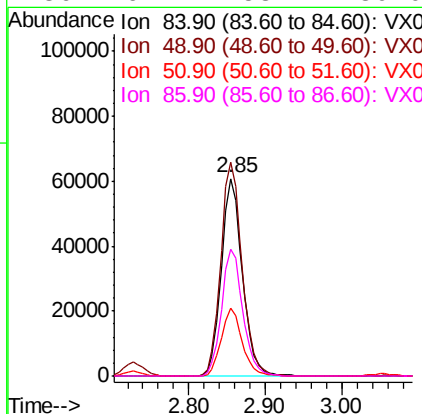
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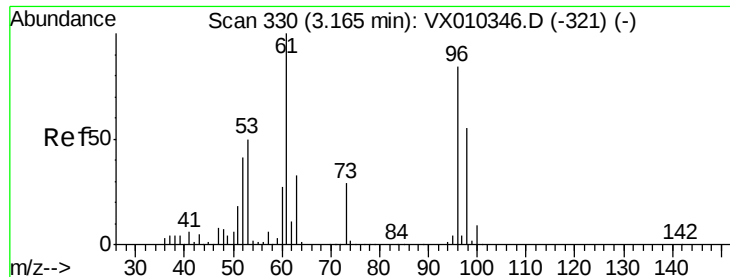
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#20
Methylene Chloride
Concen: 54.399 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion: 84 Resp: 115660
Ion Ratio Lower Upper
84 100
49 108.2 87.5 131.3
51 34.3 27.7 41.5
86 64.4 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 52.349 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

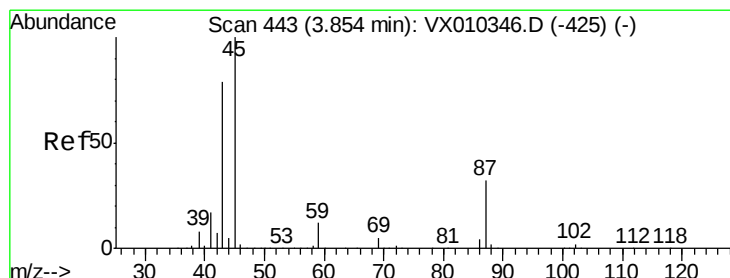
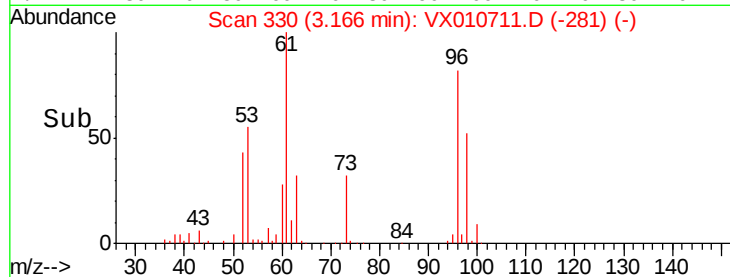
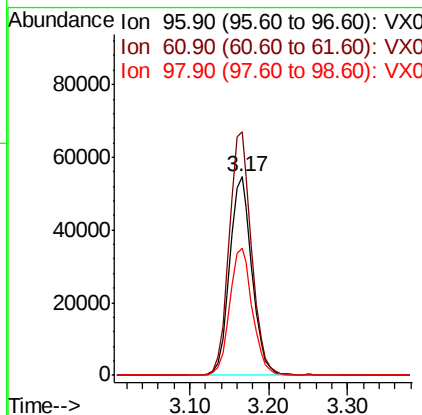
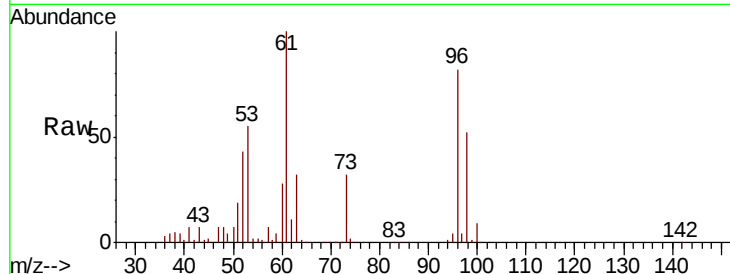
ClientSampled :

VSTDCCC050

Tgt Ion:	96	Resp:	107297
Ion	Ratio	Lower	Upper
96	100		
61	122.7	95.6	143.4
98	63.9	52.5	78.7

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#22

Diisopropyl ether

Concen: 55.517 ug/l

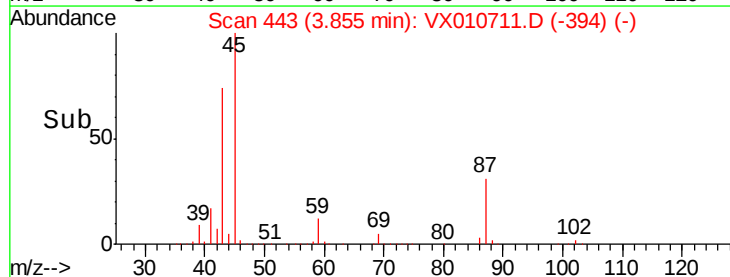
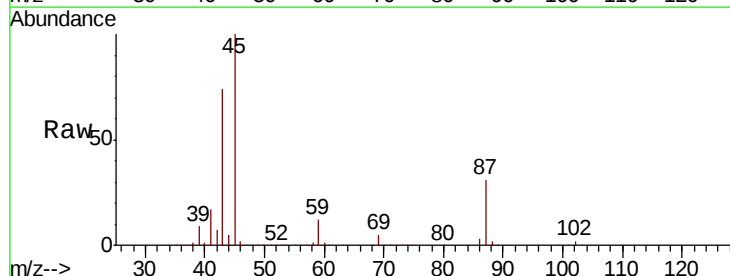
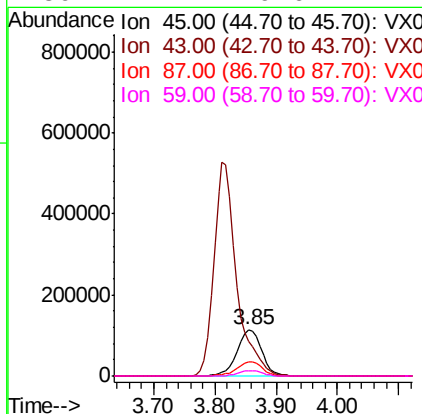
RT: 3.85 min Scan# 443

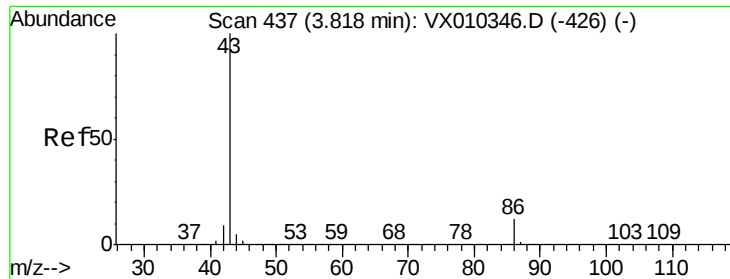
Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Tgt Ion:	45	Resp:	314049
Ion	Ratio	Lower	Upper
45	100		
43	73.5	63.3	94.9
87	31.0	25.8	38.8
59	12.2	9.6	14.4





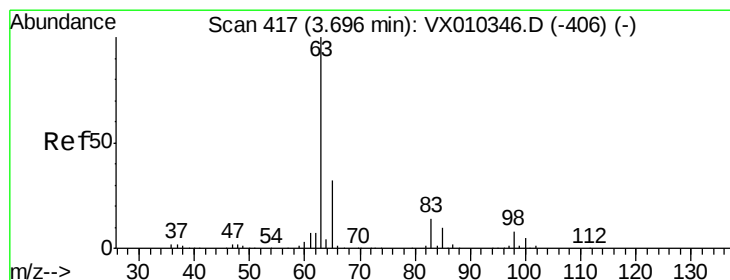
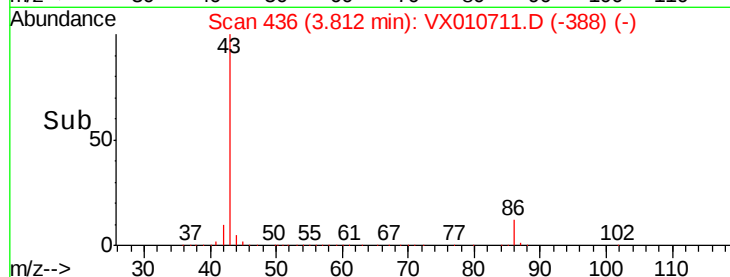
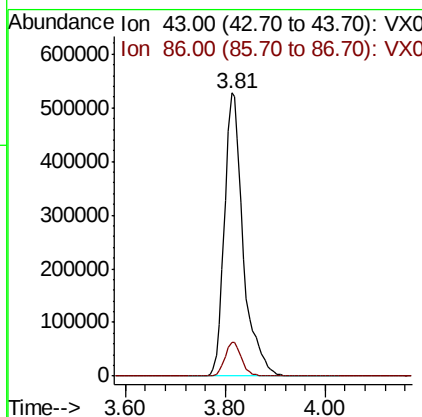
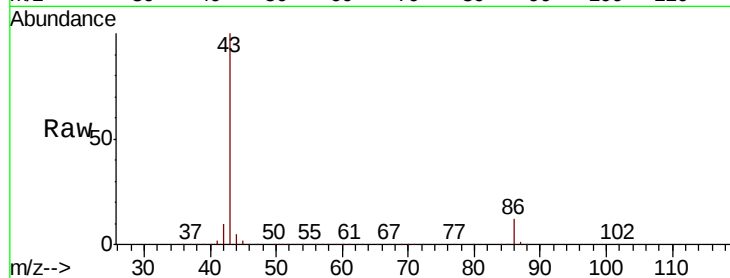
#23
 Vinyl Acetate
 Concen: 280.702 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1371758
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.9 14.9

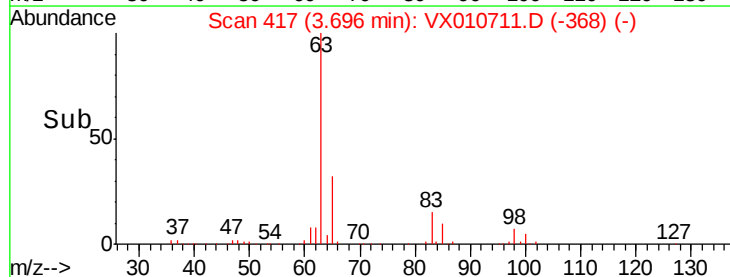
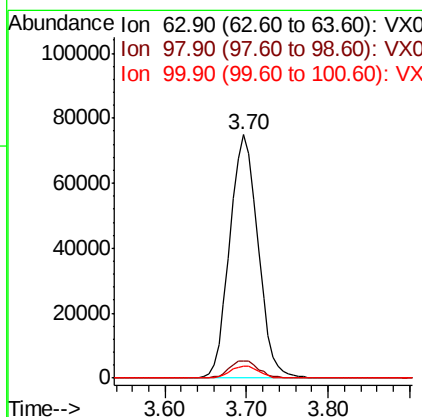
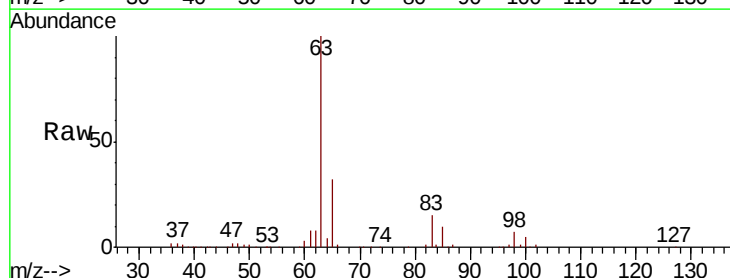
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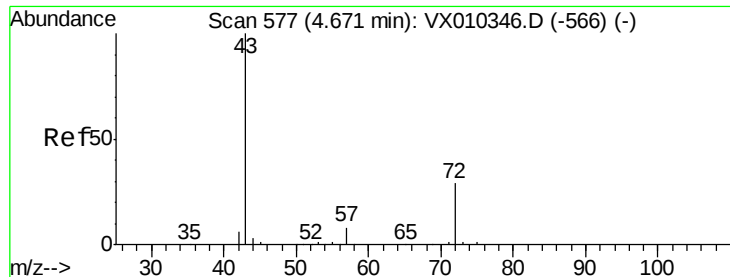
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#24
 1,1-Dichloroethane
 Concen: 54.880 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Tgt Ion: 63 Resp: 179450
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 261.410 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 396164

Ion Ratio Lower Upper

43 100

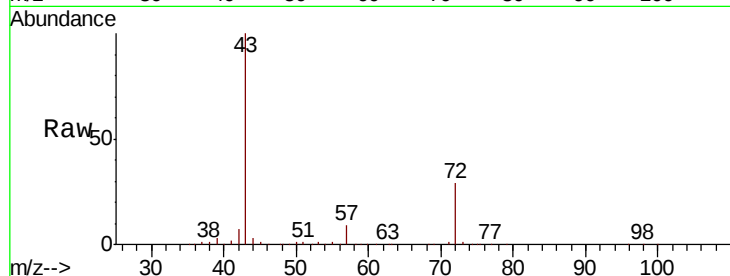
72 28.8 23.3 34.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

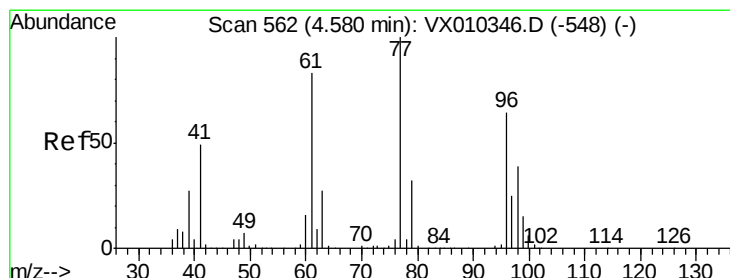
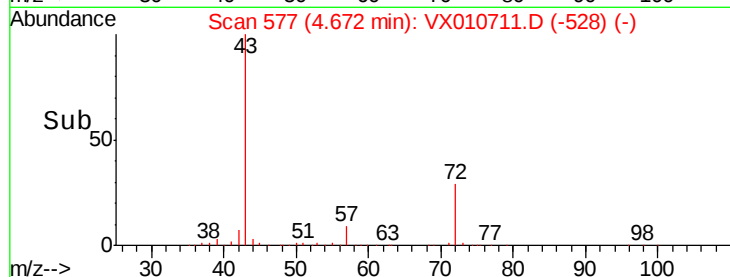
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.530 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010711.D

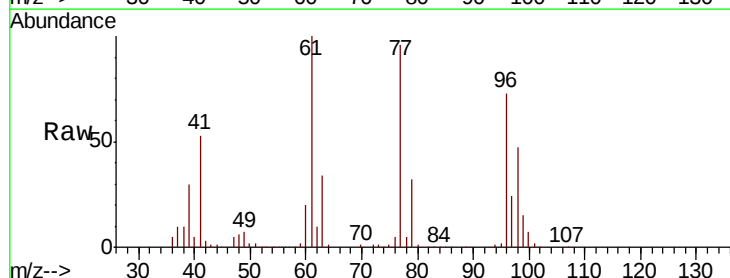
Acq: 08 Jul 2019 21:39

Tgt Ion: 77 Resp: 129329

Ion Ratio Lower Upper

77 100

97 25.8 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

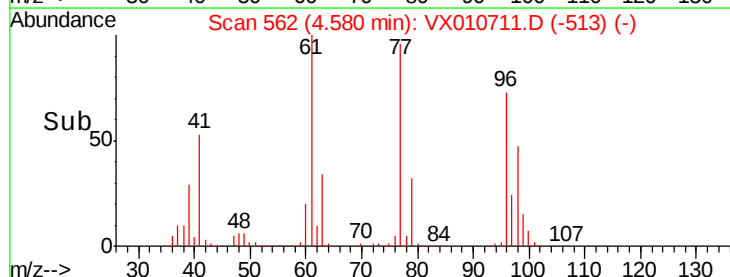
20000

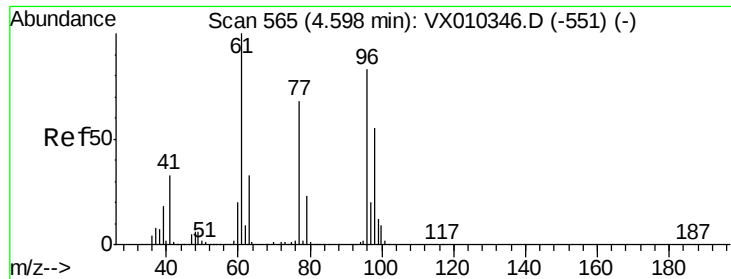
10000

0

4.50 4.60 4.70

Time-->





#27

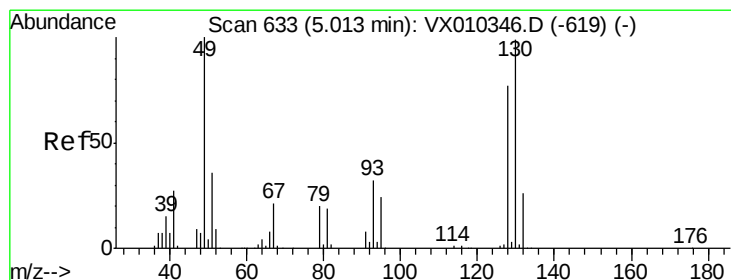
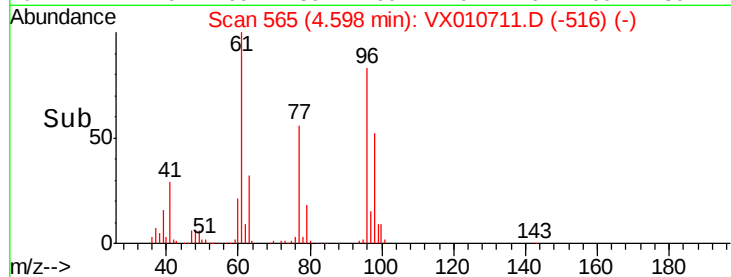
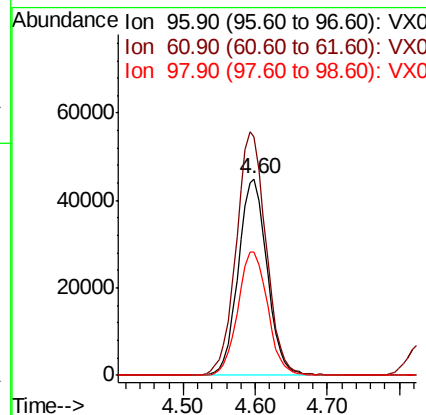
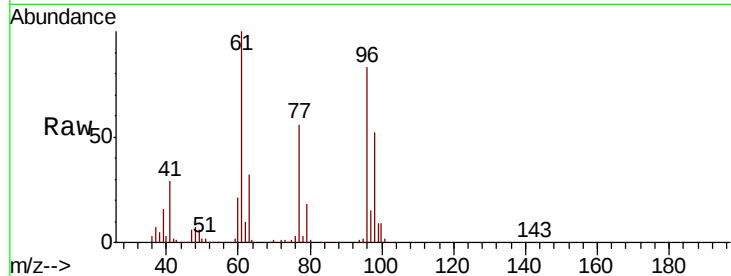
cis-1,2-Dichloroethene
 Concen: 52.864 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	125211		
61	128.1	0.0	251.8	
98	64.7	0.0	129.4	

Manual Integrations
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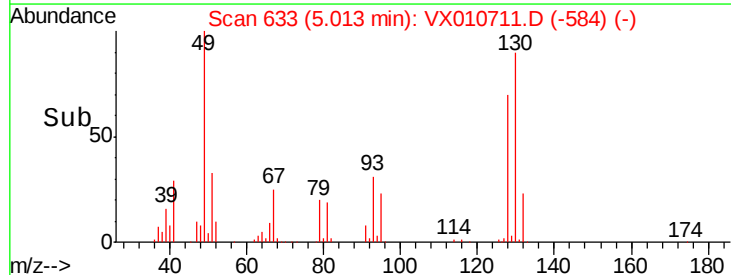
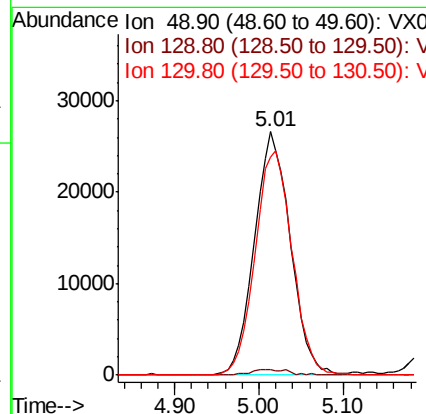
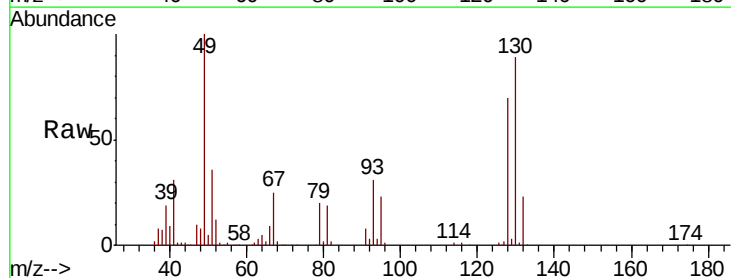
MMDadoda
 7/9/2019 11:23:35 AM

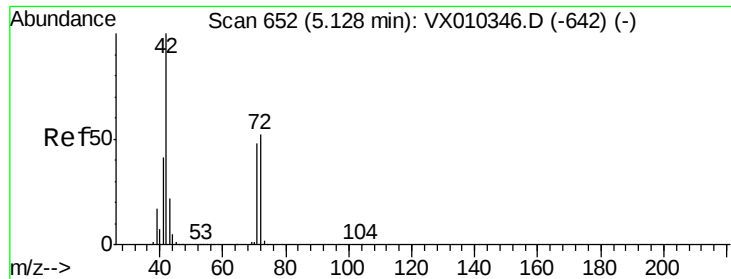


#28

Bromochloromethane
 Concen: 49.625 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77582		
129	2.3	0.0	5.6	
130	94.8	81.4	122.0	





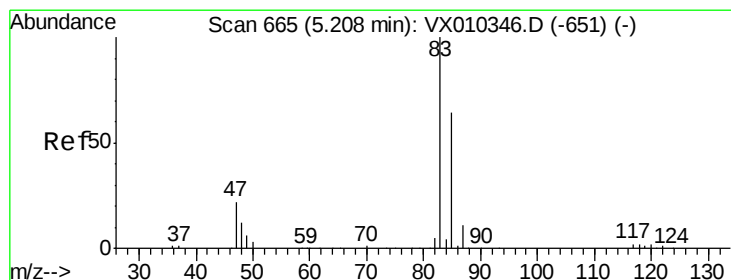
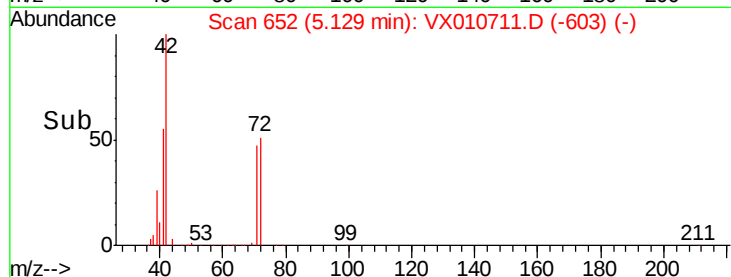
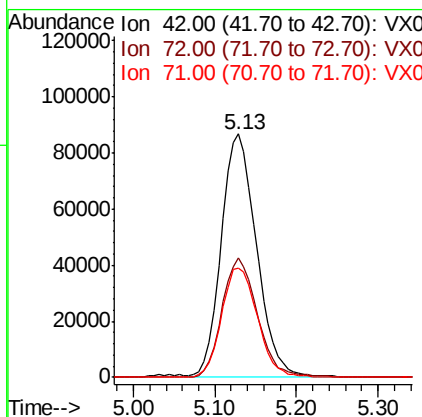
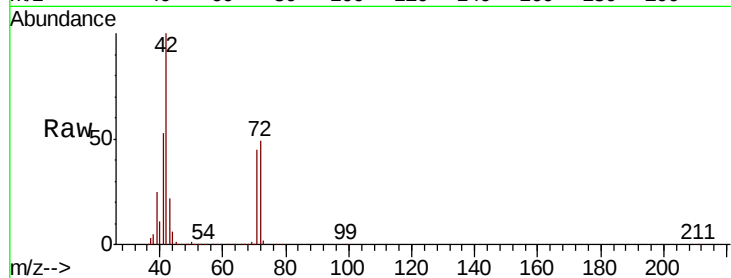
#29
Tetrahydrofuran
Concen: 274.952 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.7	40.6	60.8
71	46.4	37.8	56.8

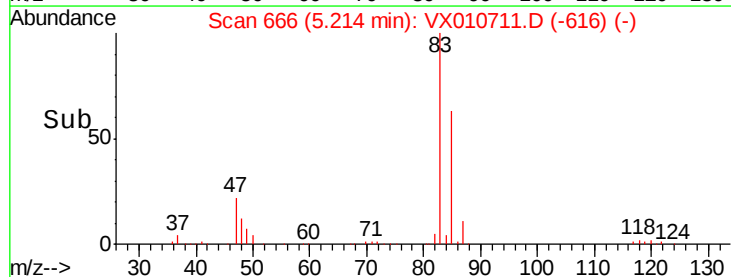
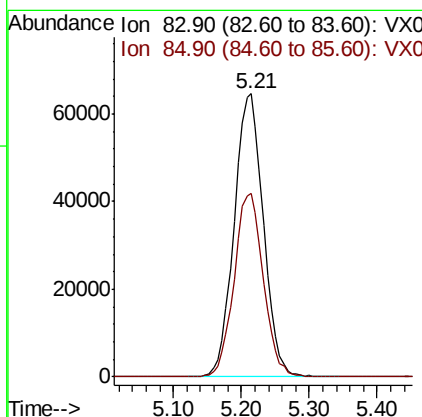
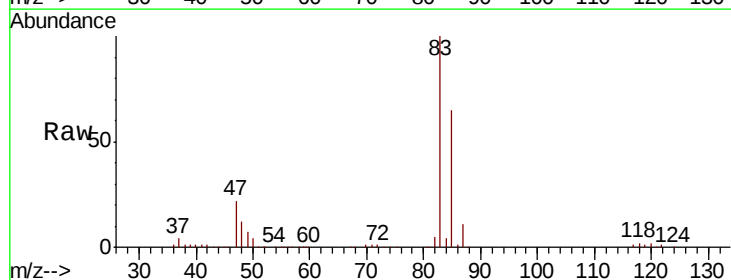
Manual Integrations
APPROVED

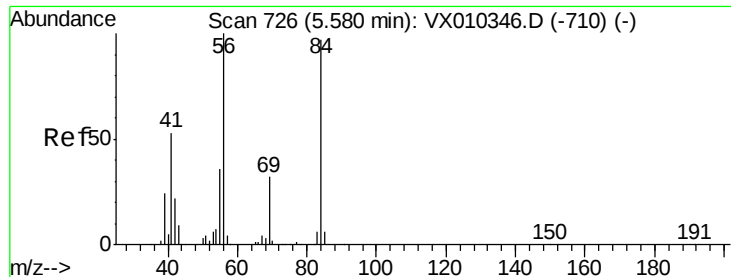
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#30
Chloroform
Concen: 54.568 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.9	76.3





#31

Cyclohexane

Concen: 54.570 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

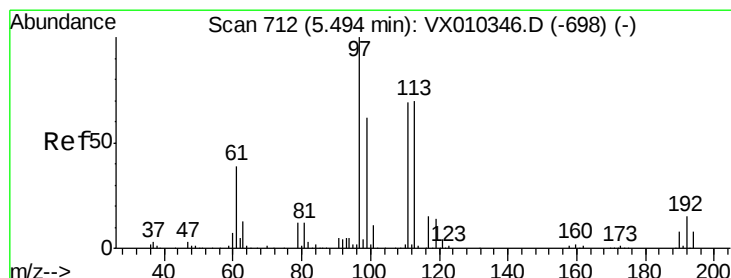
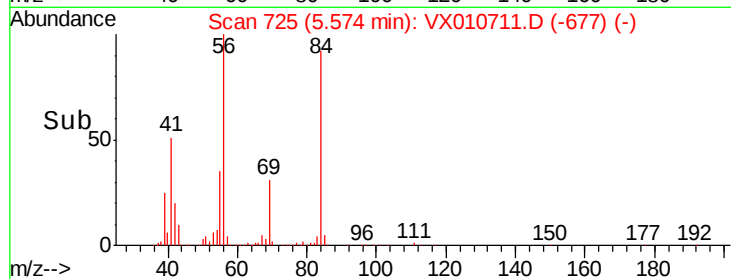
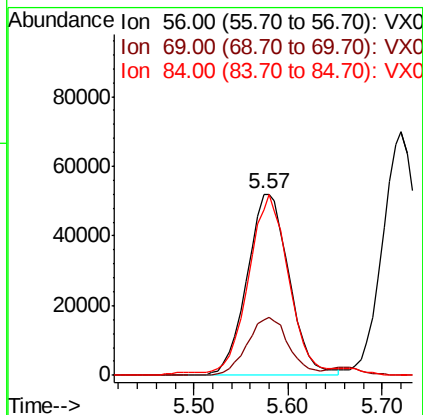
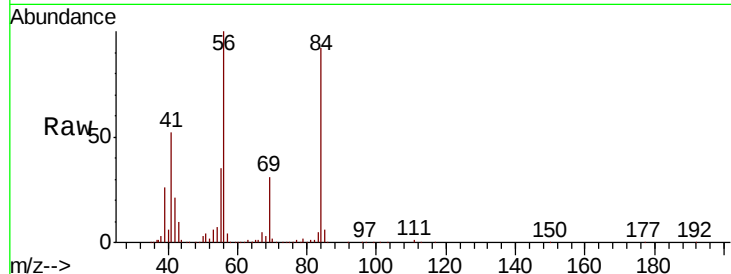
ClientSampled :

VSTDCCC050

Tgt Ion:	56	Resp:	162491
Ion Ratio	Lower	Upper	
56	100		
69	30.5	25.9	38.9
84	89.7	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.440 ug/l

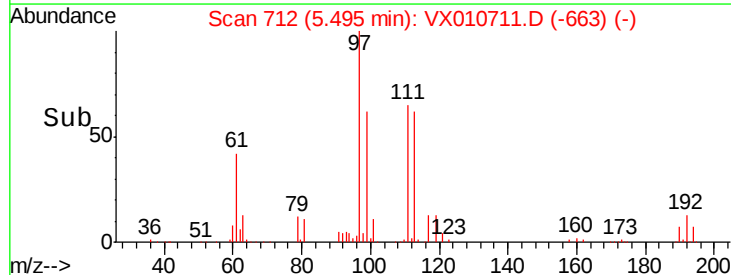
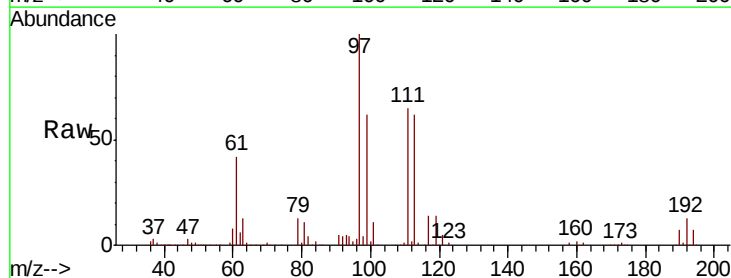
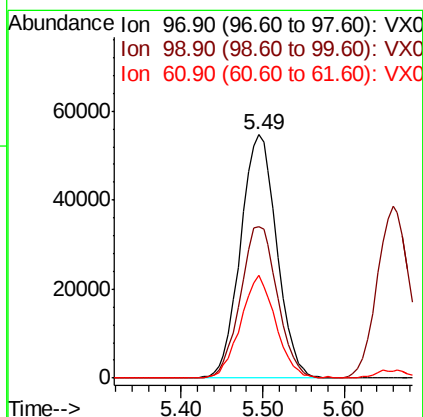
RT: 5.49 min Scan# 712

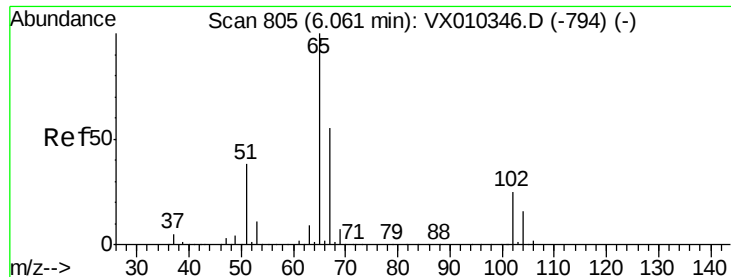
Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Tgt Ion:	97	Resp:	169121
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.8	77.8
61	40.6	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 50.914 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 104958

Ion Ratio Lower Upper

65 100

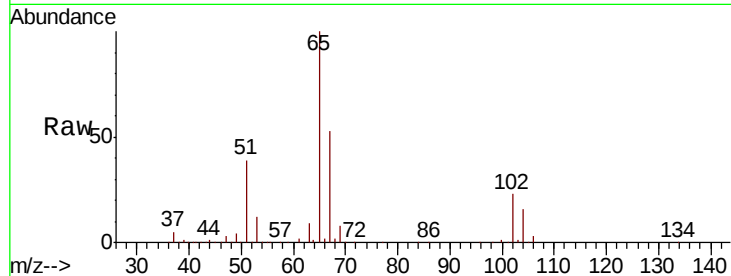
67 54.3 0.0 110.2

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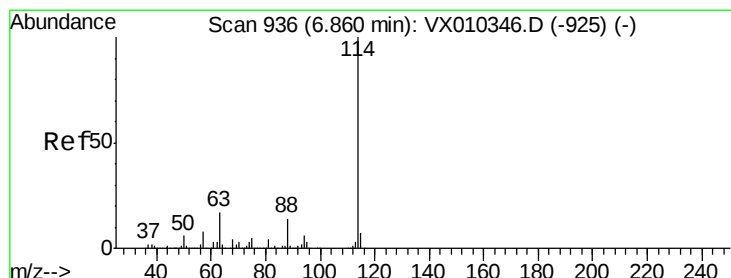
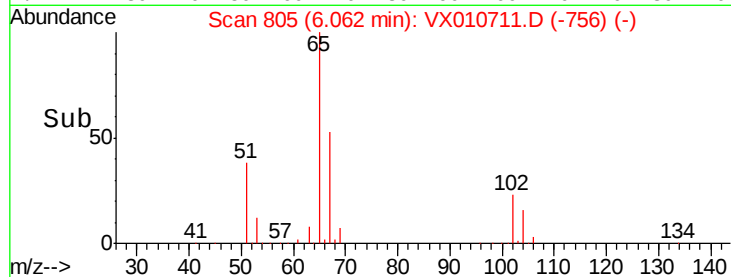
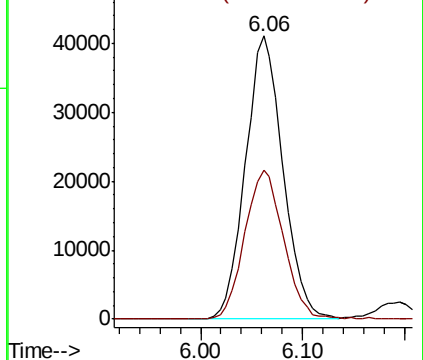
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

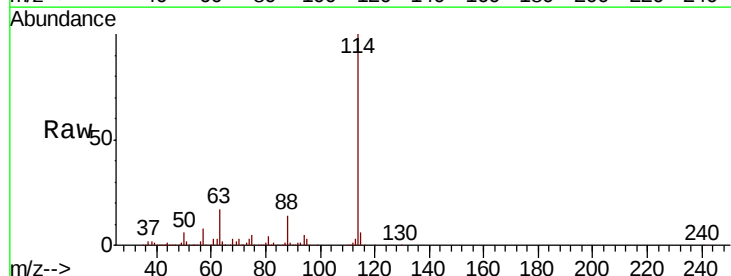
Tgt Ion: 114 Resp: 333849

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

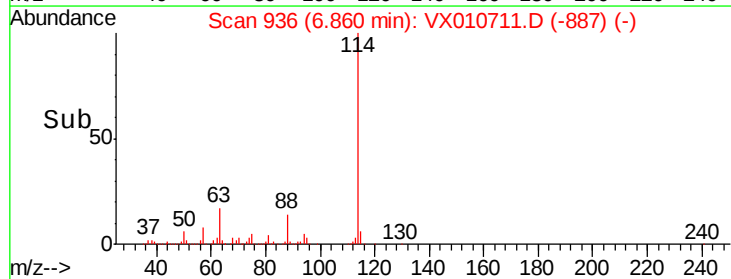
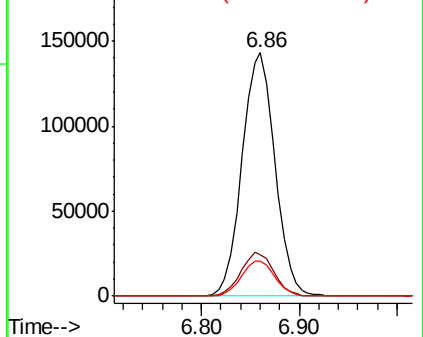
88 14.4 0.0 27.6

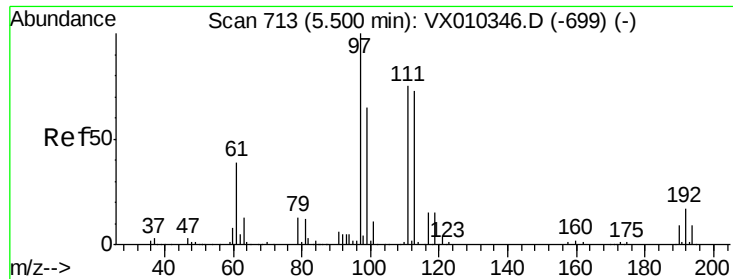


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





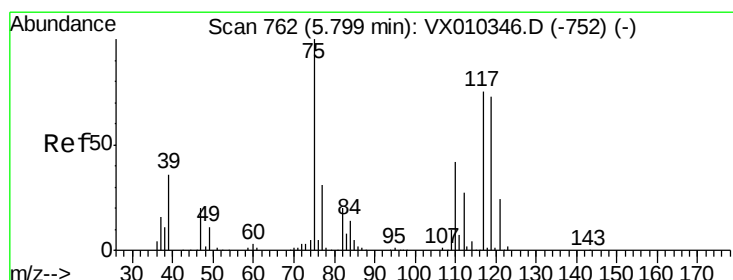
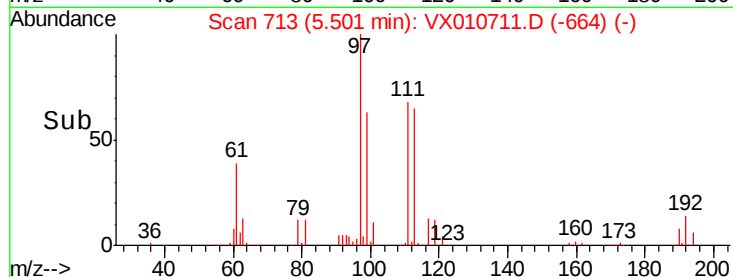
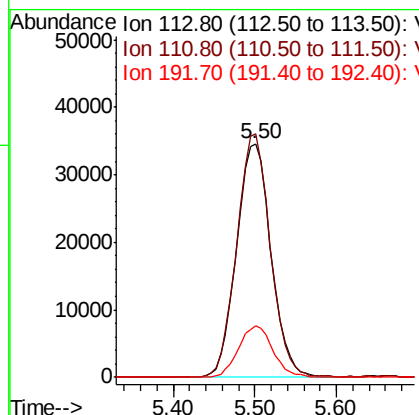
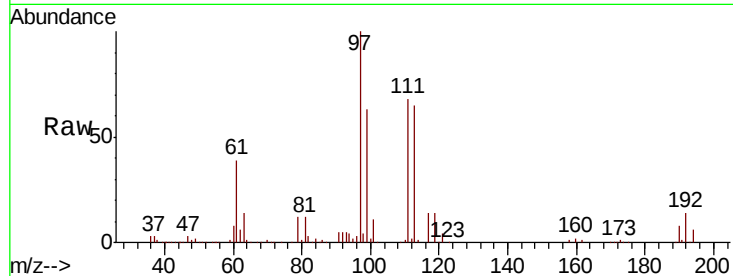
#35
Dibromofluoromethane
Concen: 49.658 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	101431		
111	101.5	81.2	121.8	
192	22.0	18.6	27.8	

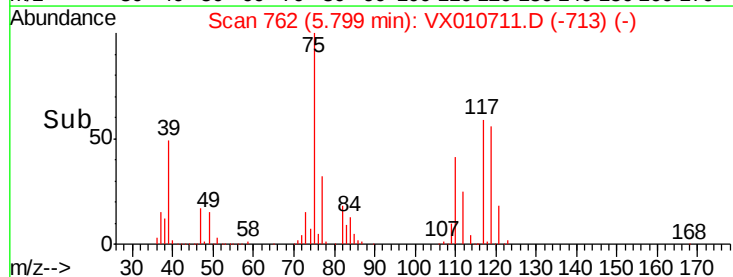
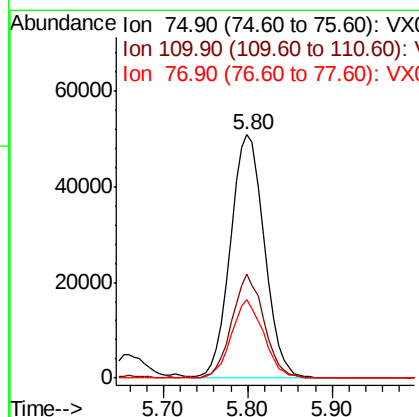
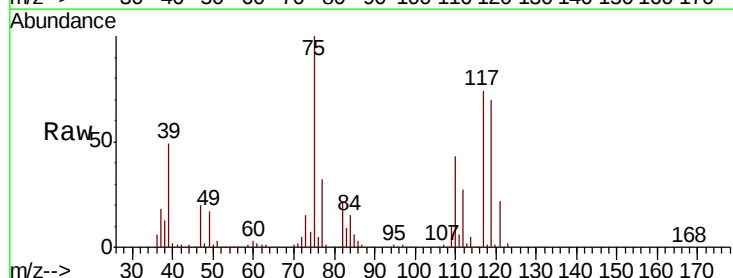
Manual Integrations
APPROVED

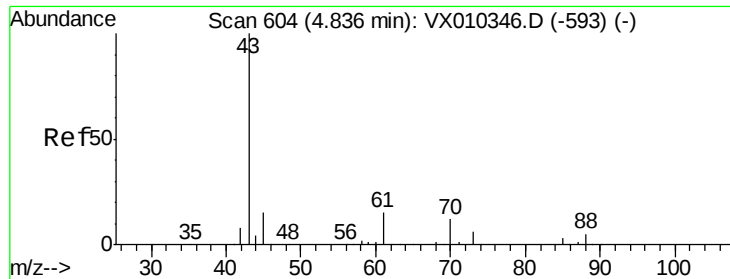
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#36
1,1-Dichloropropene
Concen: 52.186 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138448		
110	40.5	20.8	62.2	
77	31.0	25.4	38.0	





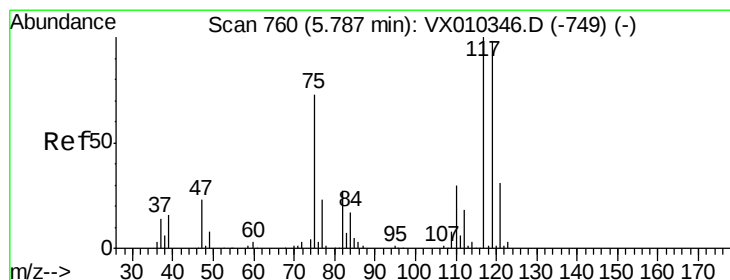
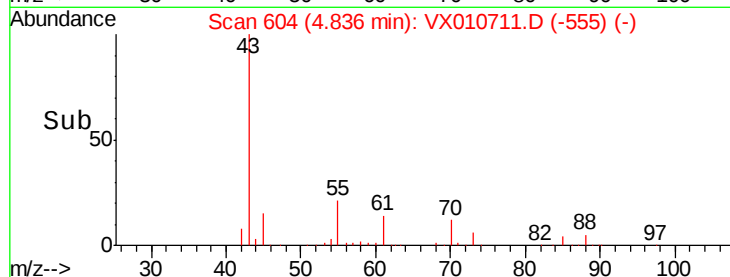
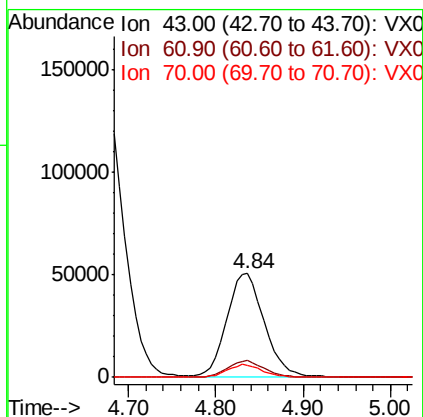
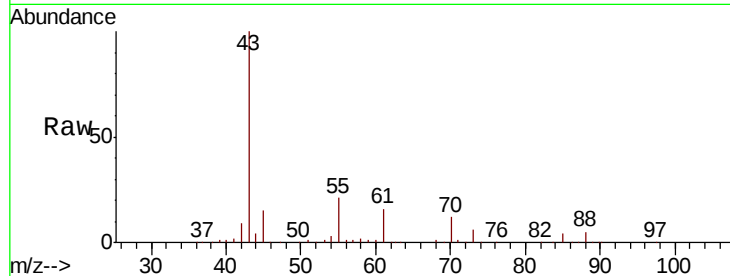
#37
Ethyl Acetate
Concen: 54.872 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.4	18.6
70	11.7	9.8	14.8

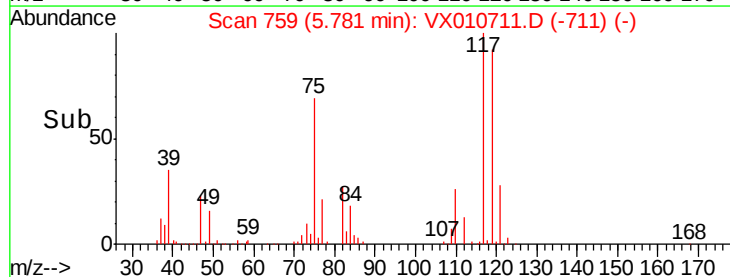
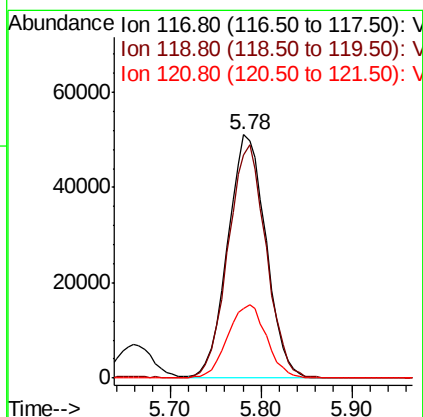
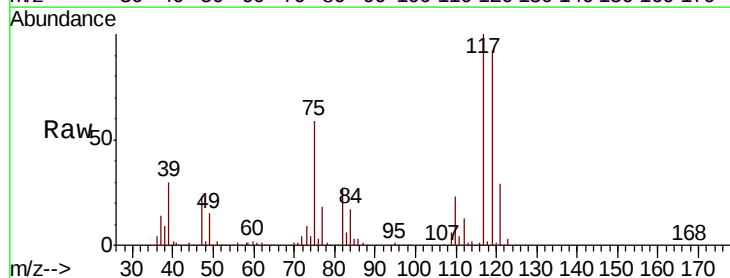
Manual Integrations
APPROVED

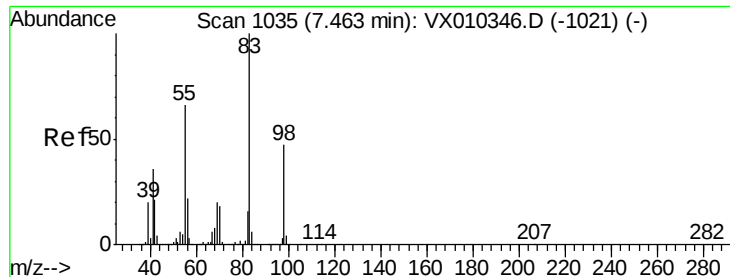
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#38
Carbon Tetrachloride
Concen: 51.749 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	78.2	117.4
121	28.8	24.7	37.1





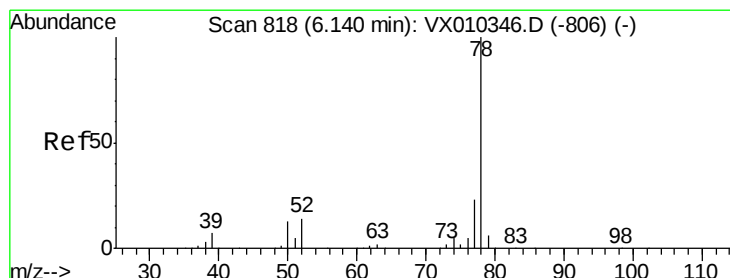
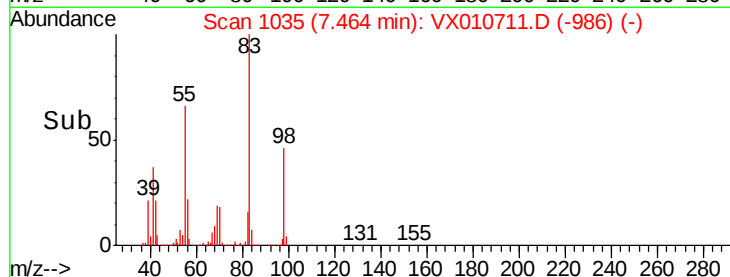
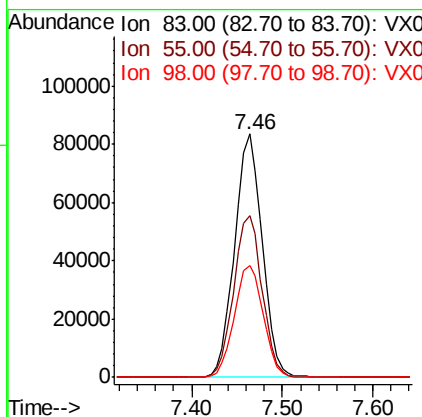
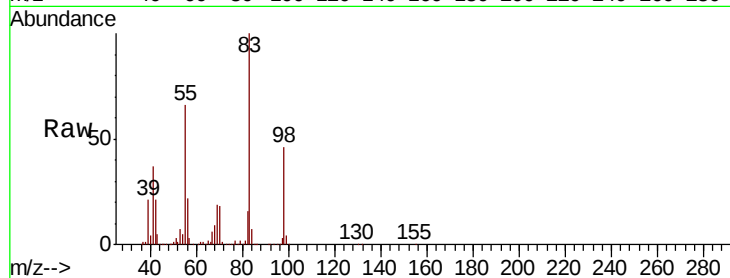
#39
Methylcyclohexane
Concen: 50.780 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.4	53.0	79.6
98	45.7	37.8	56.8

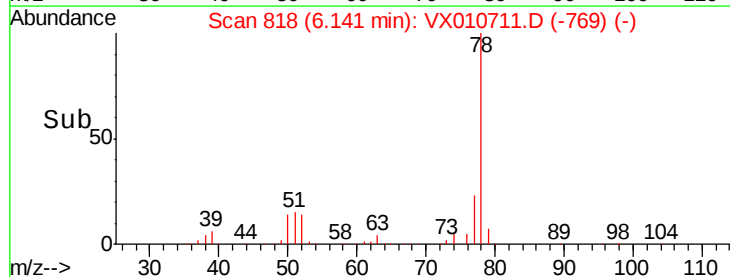
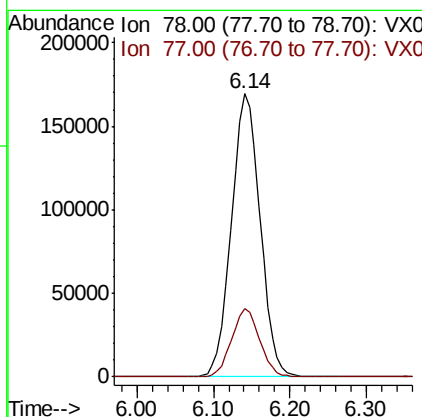
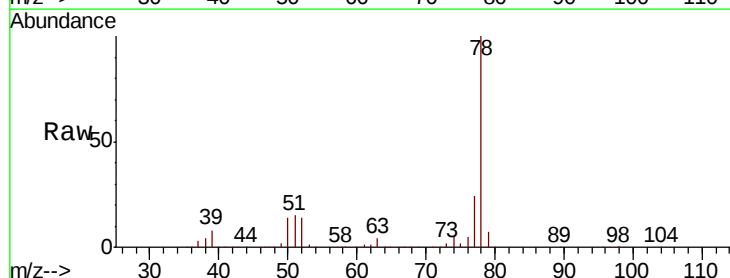
Manual Integrations
APPROVED

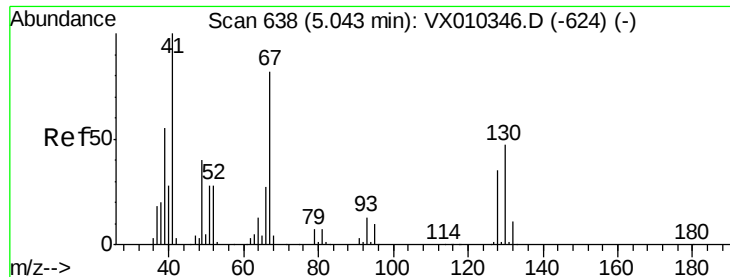
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#40
Benzene
Concen: 53.292 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





#41

Methacrylonitrile

Concen: 53.205 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 79674
Ion Ratio Lower Upper

41 100

39 56.0 43.8 65.8

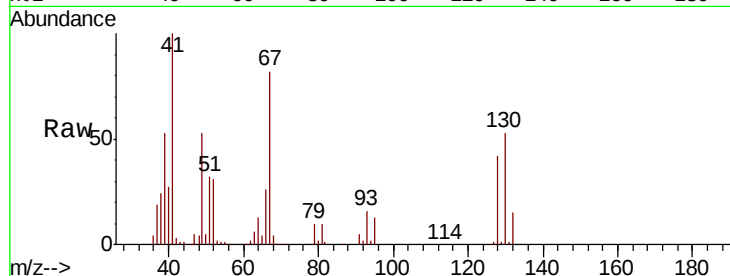
67 83.6 66.6 100.0

52 32.6 24.5 36.7

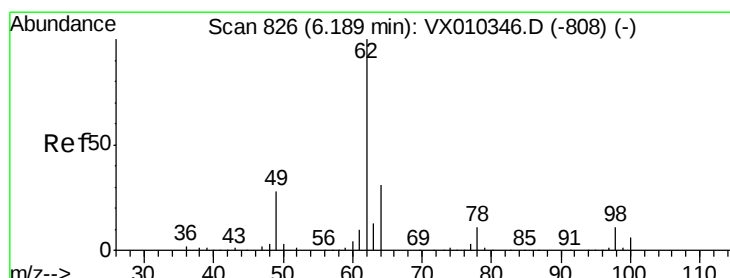
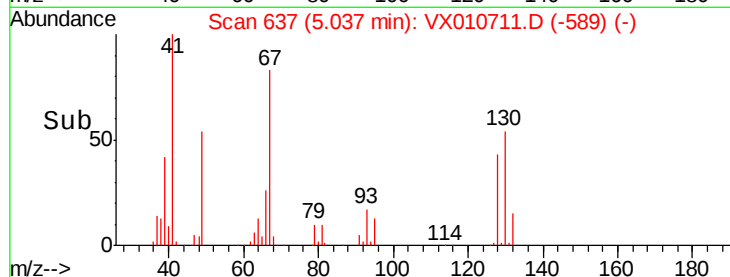
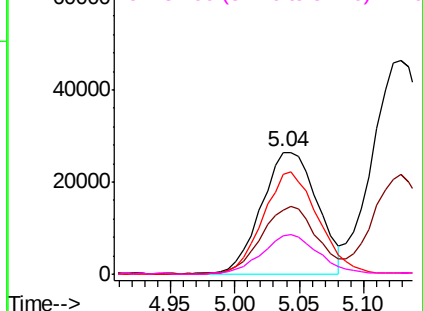
Manual Integrations
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7/9/2019 11:23:35 AM



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 57.049 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

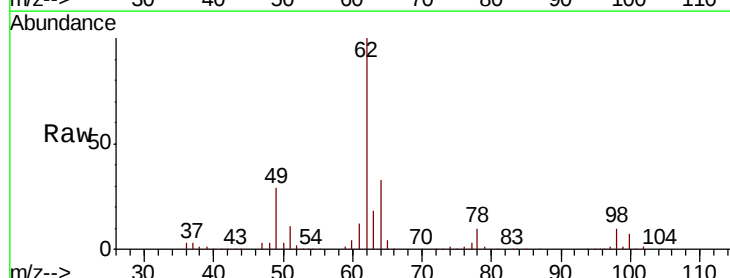
Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

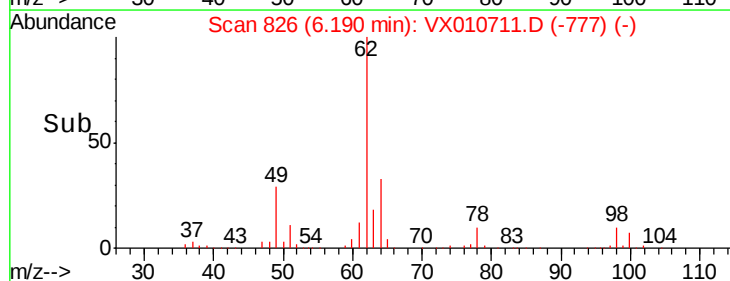
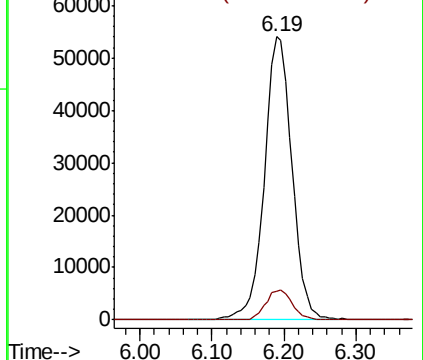
Tgt Ion: 62 Resp: 143532
Ion Ratio Lower Upper

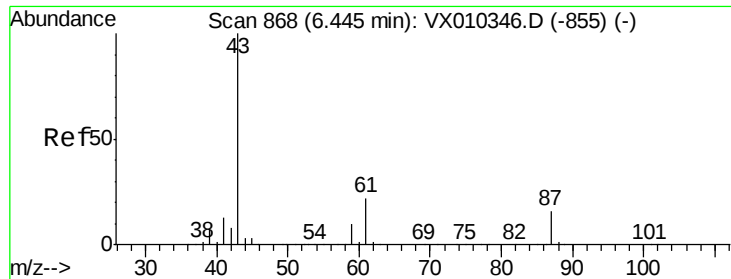
62 100

98 10.3 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.389 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

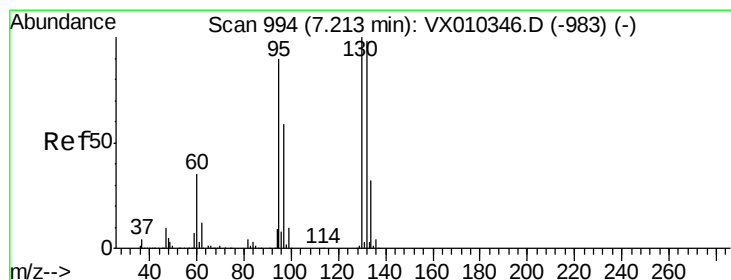
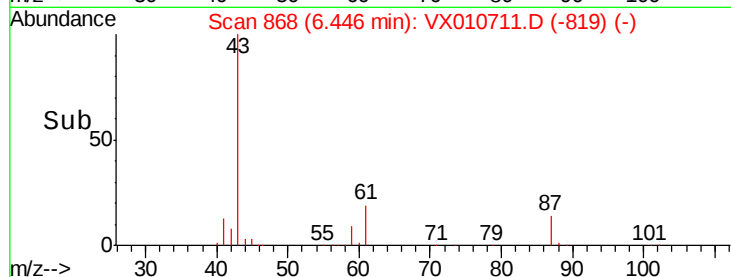
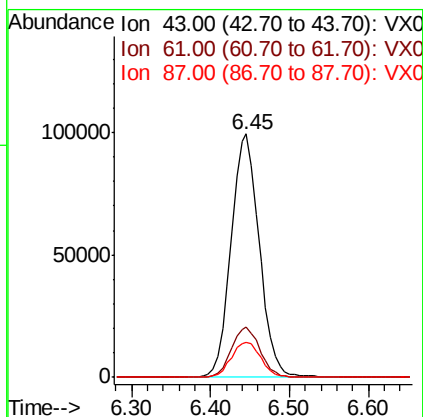
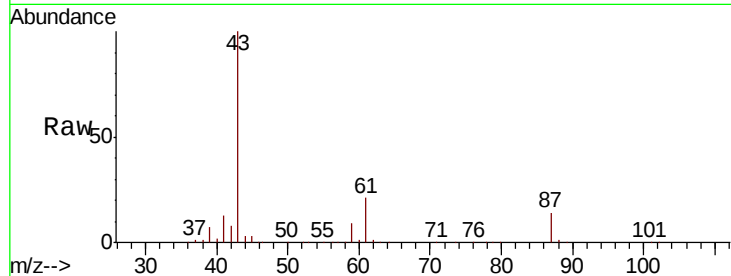
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	245594
Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.8	26.6
87	15.2	13.0	19.4

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#44

Trichloroethene

Concen: 51.691 ug/l

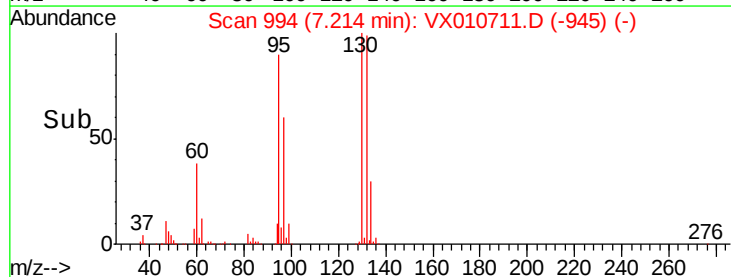
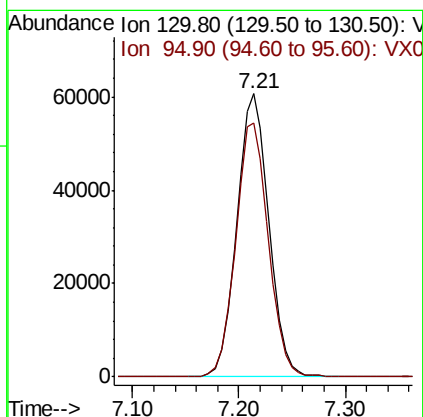
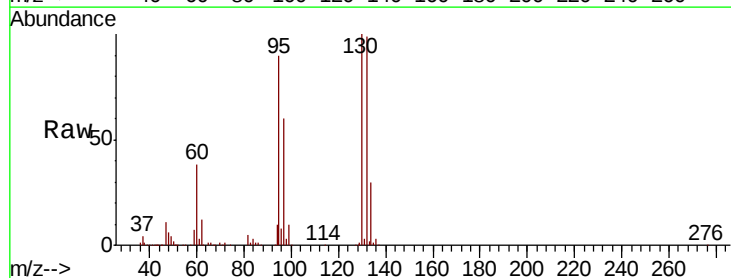
RT: 7.21 min Scan# 994

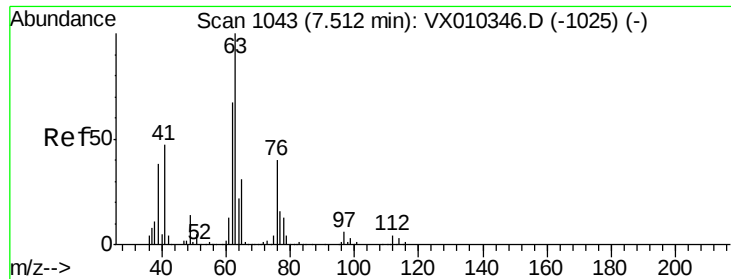
Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Tgt Ion:	130	Resp:	127840
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	180.8





#45

1,2-Dichloropropane

Concen: 52.777 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 110156

Ion Ratio Lower Upper

63 100

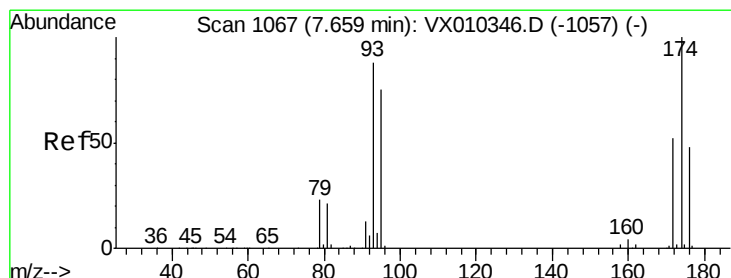
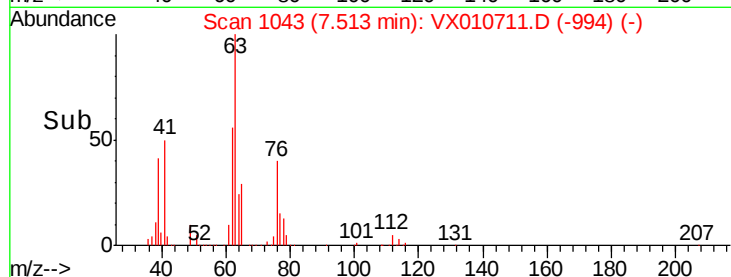
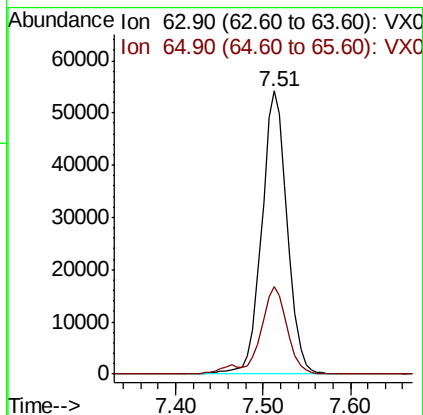
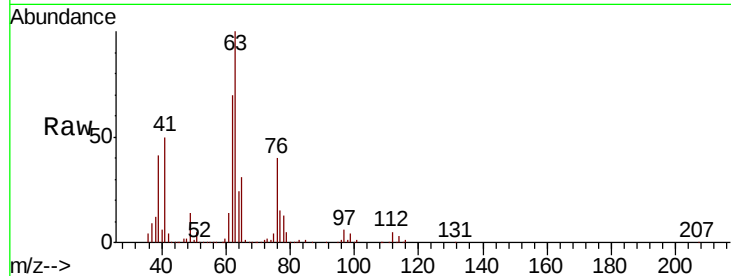
65 30.8 24.8 37.2

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#46

Dibromomethane

Concen: 53.105 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

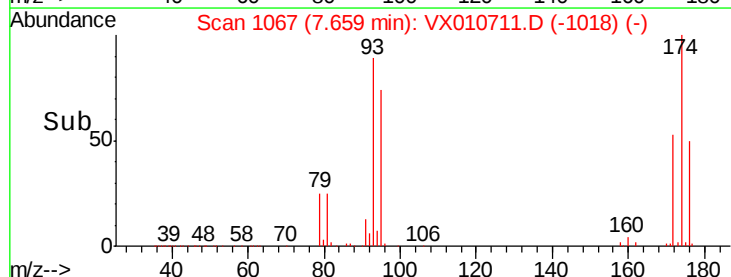
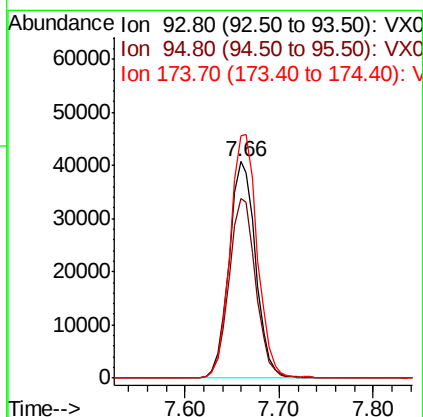
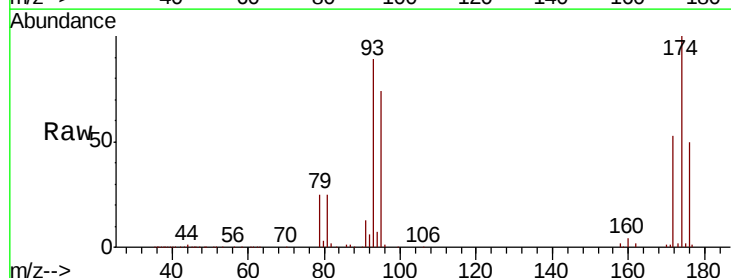
Tgt Ion: 93 Resp: 79525

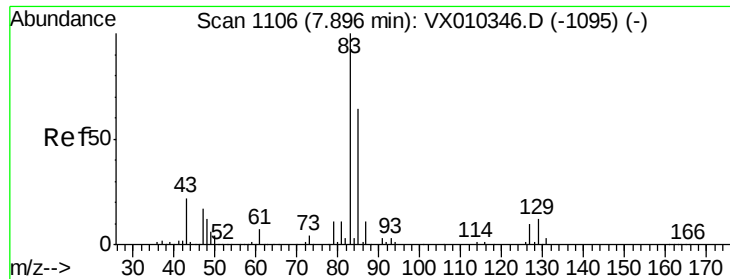
Ion Ratio Lower Upper

93 100

95 83.6 67.5 101.3

174 114.6 95.8 143.6





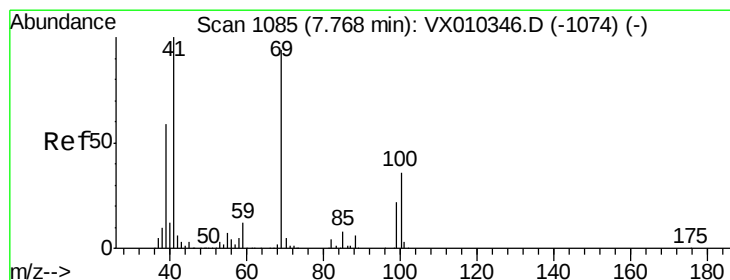
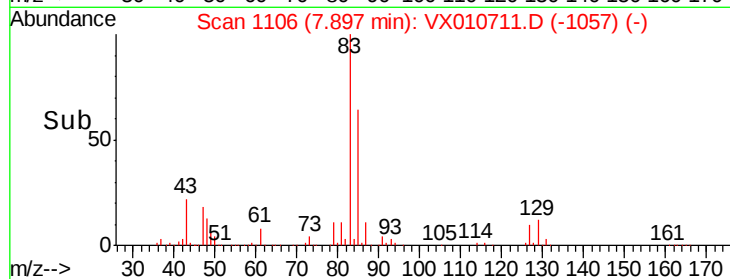
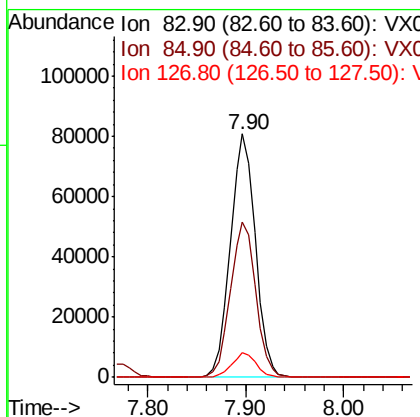
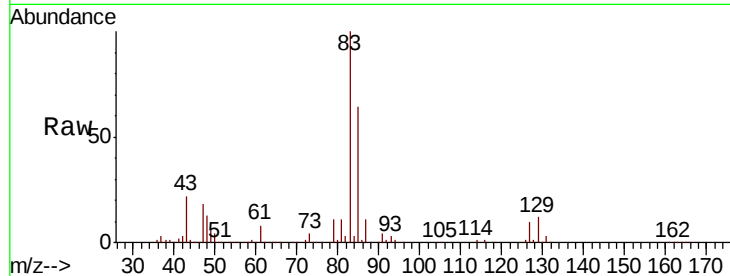
#47
Bromodichloromethane
Concen: 52.177 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3
127	10.2	7.8	11.8

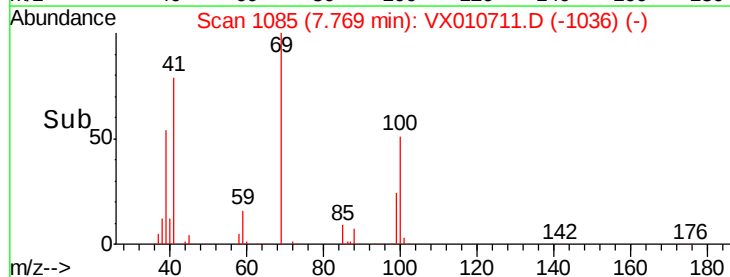
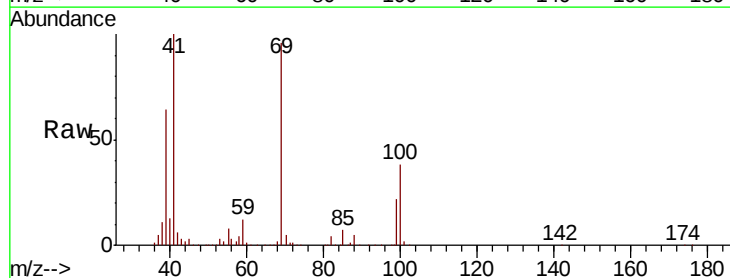
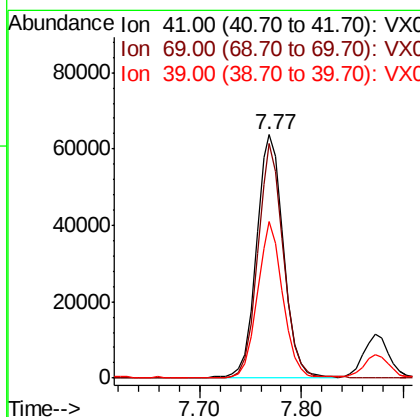
Manual Integrations
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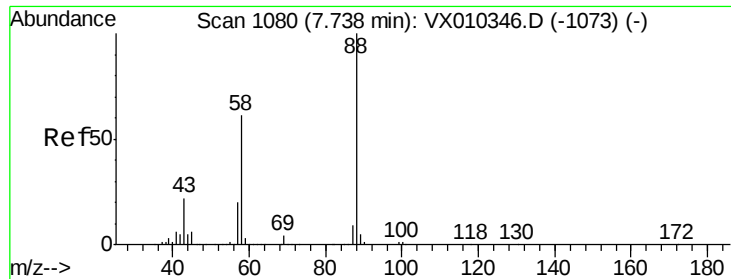
MMDadoda
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#48
Methyl methacrylate
Concen: 55.630 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.2	76.1	114.1
39	61.3	47.6	71.4





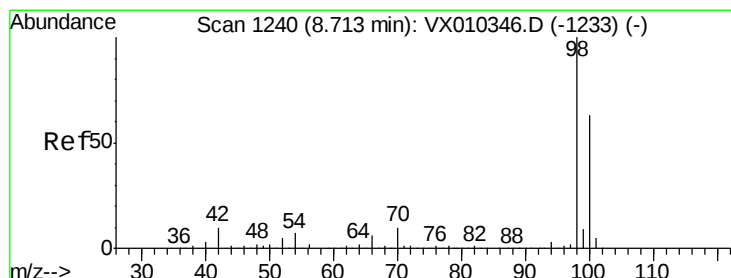
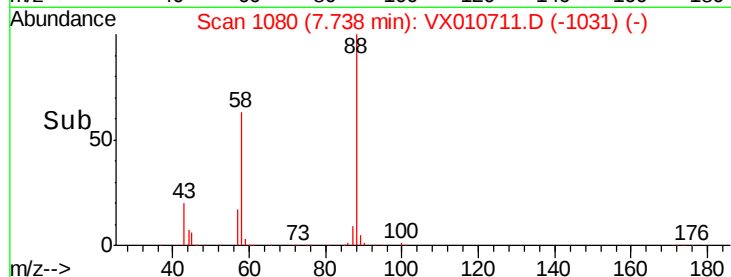
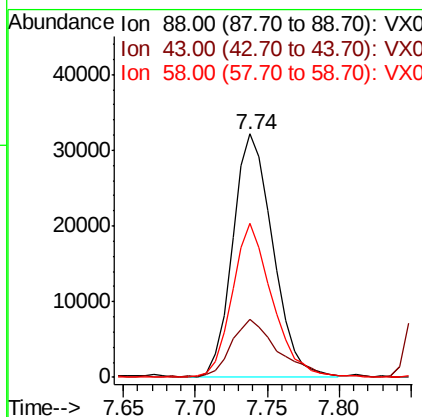
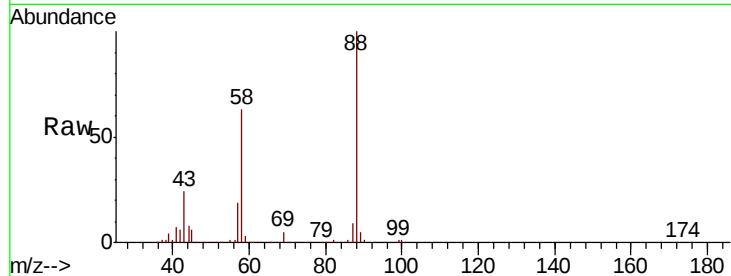
#49
1,4-Dioxane
Concen: 1031.807 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.2	20.2	30.2
58	63.2	49.5	74.3

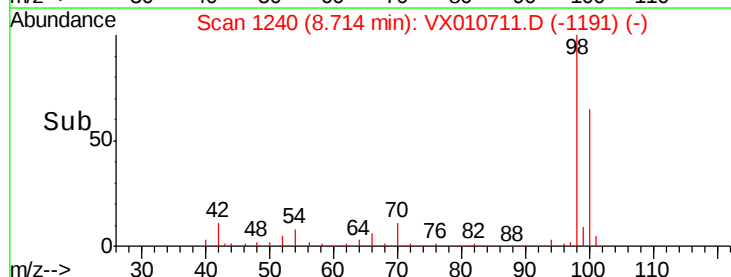
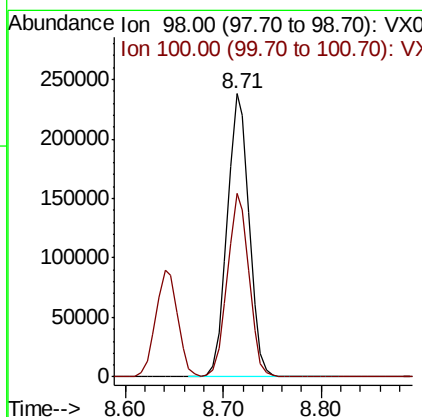
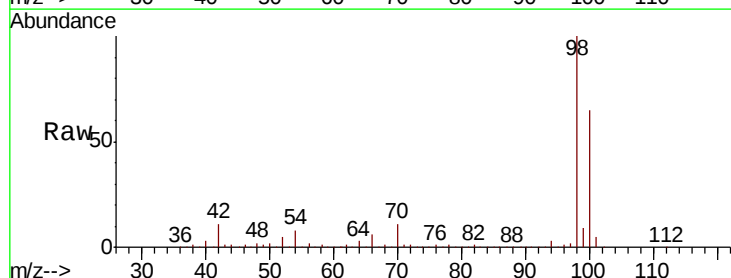
Manual Integrations
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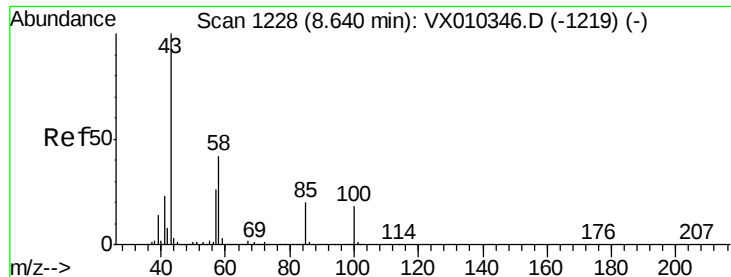
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#50
Toluene-d8
Concen: 47.128 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





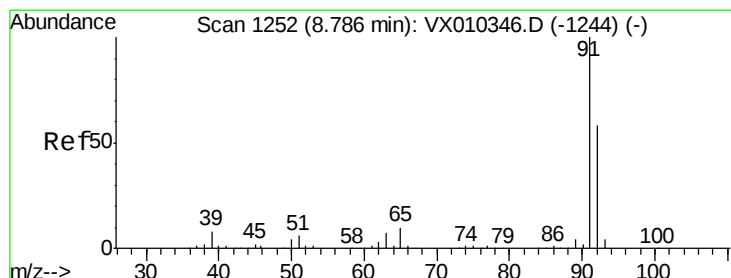
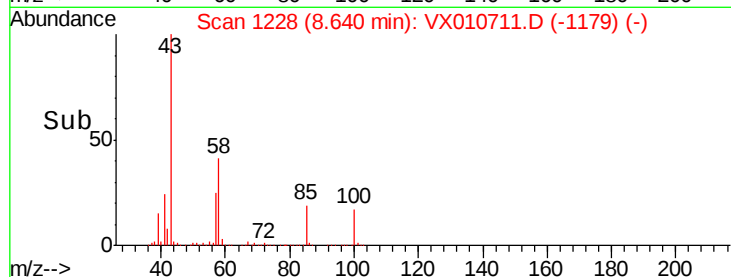
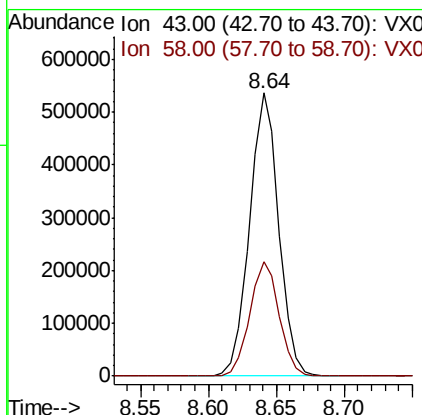
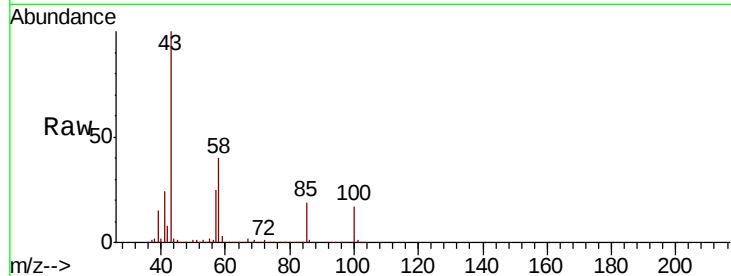
#51
 4-Methyl-2-Pentanone
 Concen: 278.998 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 805728
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.5 50.3

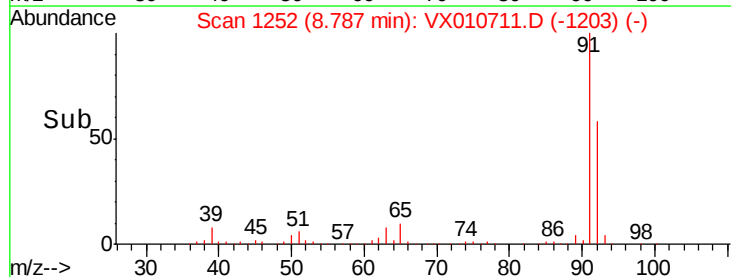
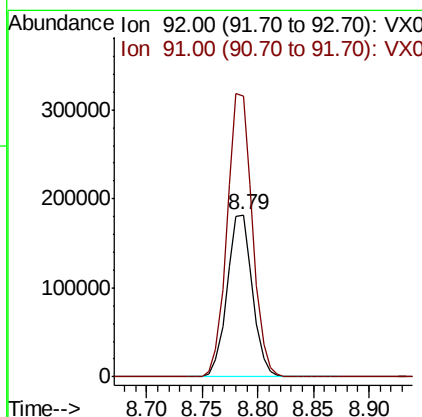
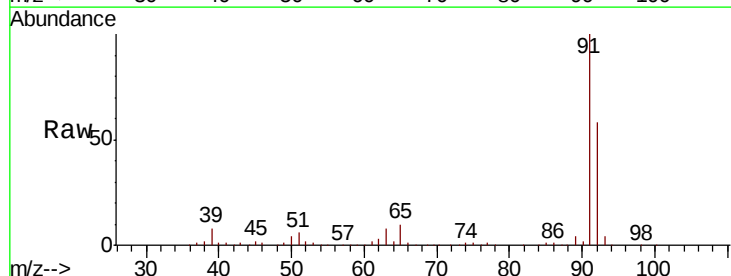
Manual Integrations
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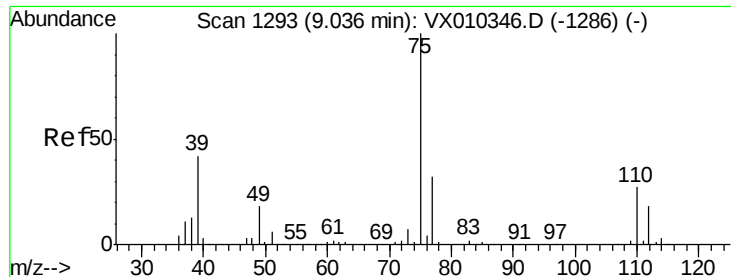
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#52
 Toluene
 Concen: 52.417 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Tgt Ion: 92 Resp: 285300
 Ion Ratio Lower Upper
 92 100
 91 174.5 139.8 209.6





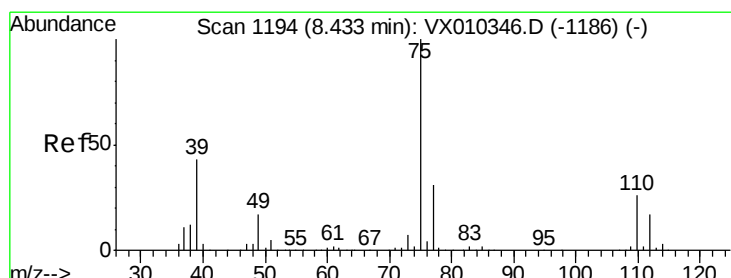
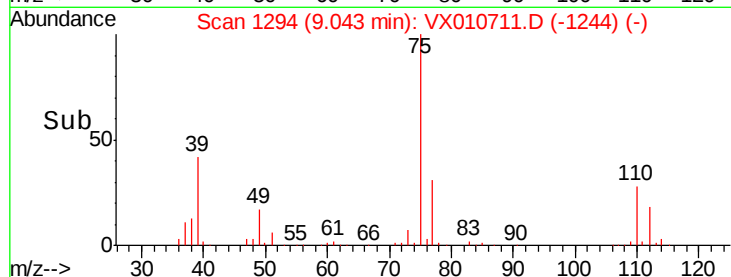
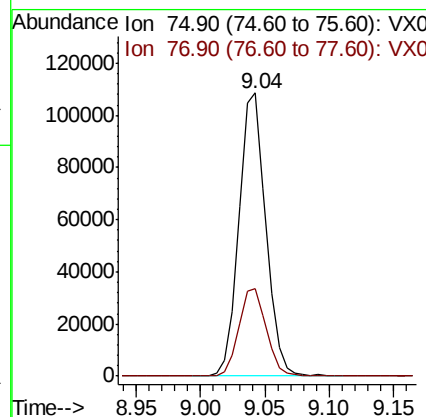
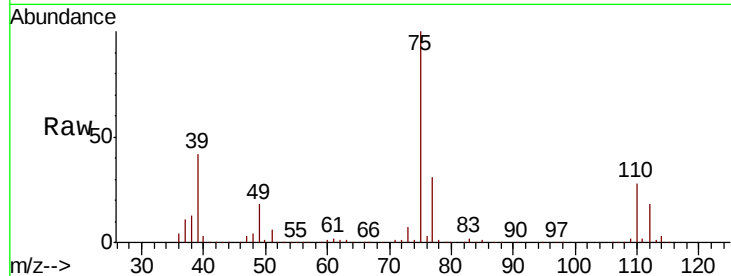
#53
t-1,3-Dichloropropene
Concen: 51.228 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 157619
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

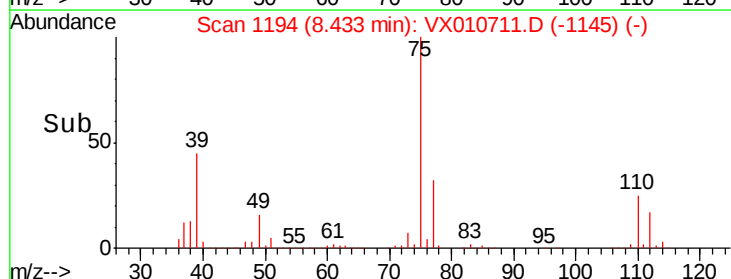
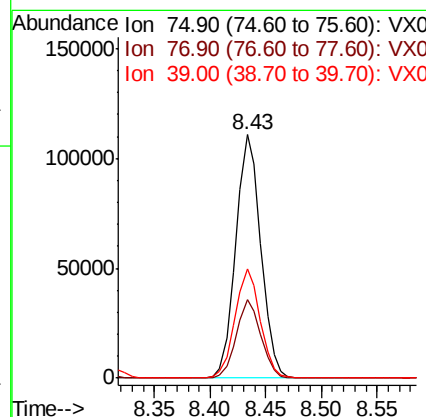
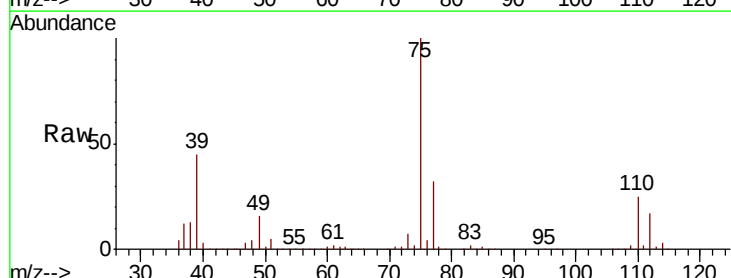
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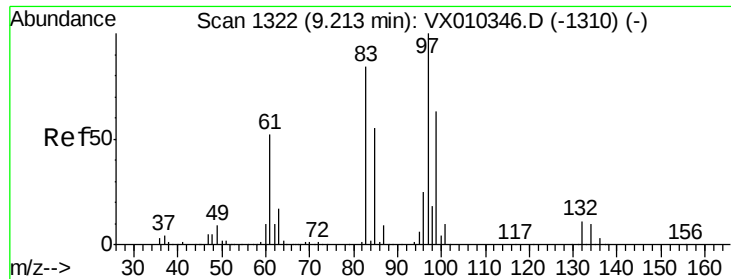
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#54
cis-1,3-Dichloropropene
Concen: 51.585 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion: 75 Resp: 172482
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 44.7 34.5 51.7





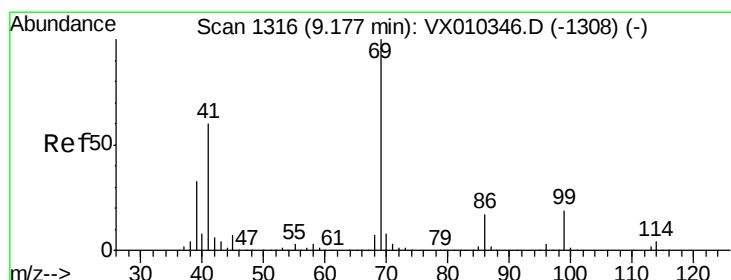
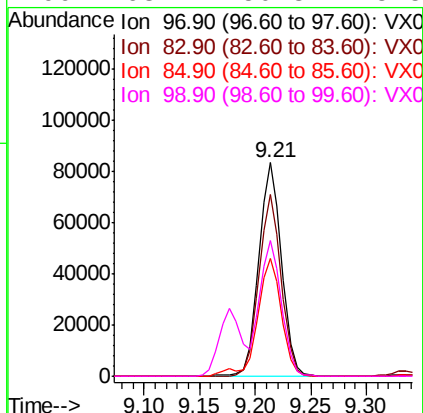
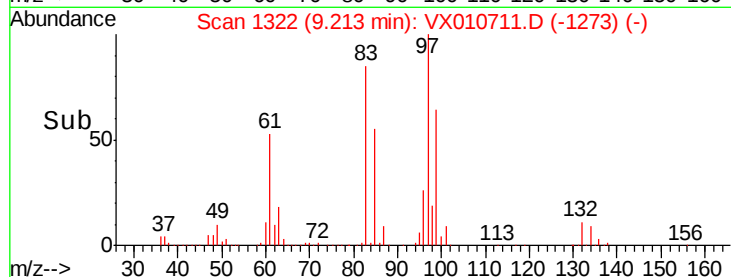
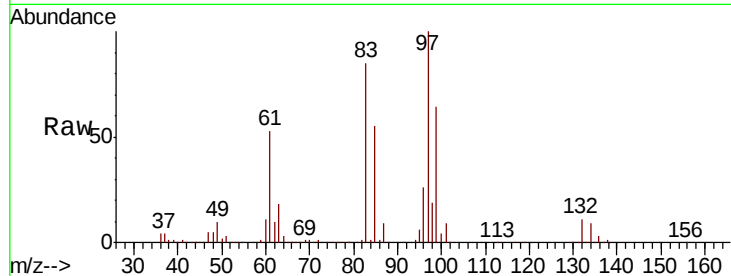
#55
 1,1,2-Trichloroethane
 Concen: 52.924 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.4	101.0
85	55.4	43.8	65.8
99	63.7	50.3	75.5

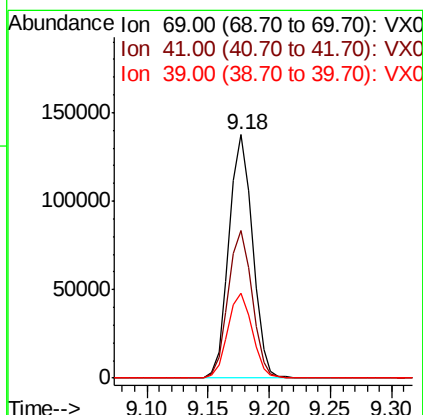
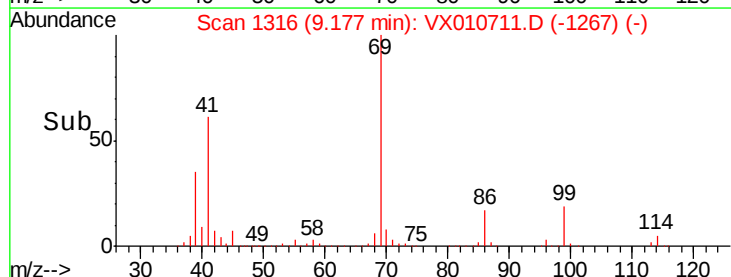
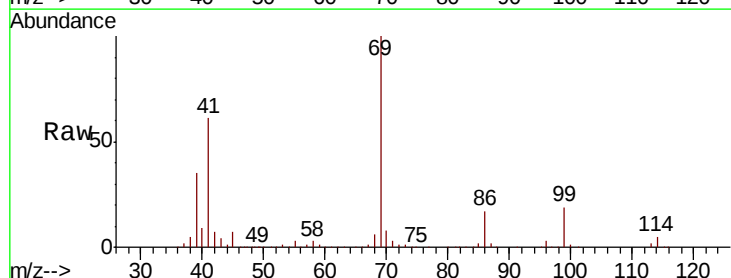
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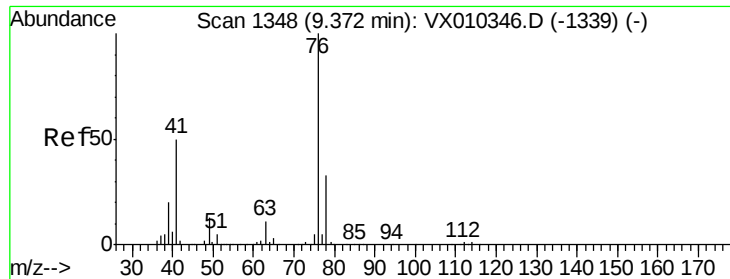
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#56
 Ethyl methacrylate
 Concen: 54.021 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	47.1	70.7
39	36.1	26.6	40.0





#57

1,3-Dichloropropane

Concen: 53.646 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 76 Resp: 186933

Ion Ratio Lower Upper

76 100

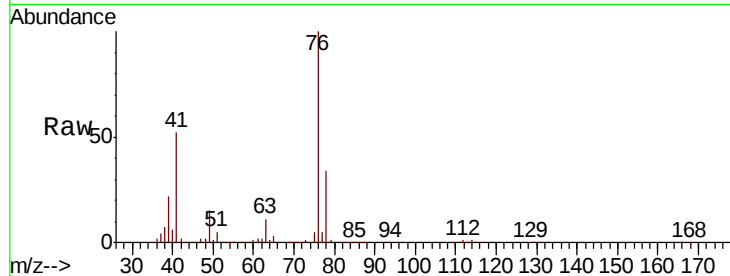
78 33.0 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

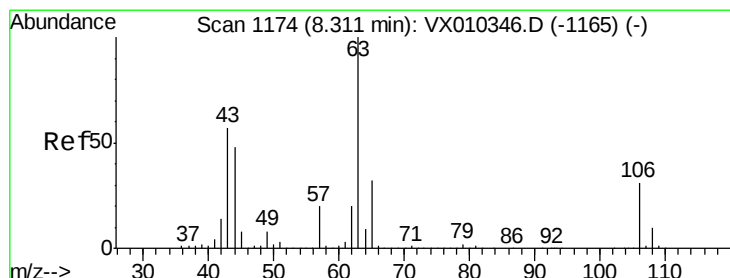
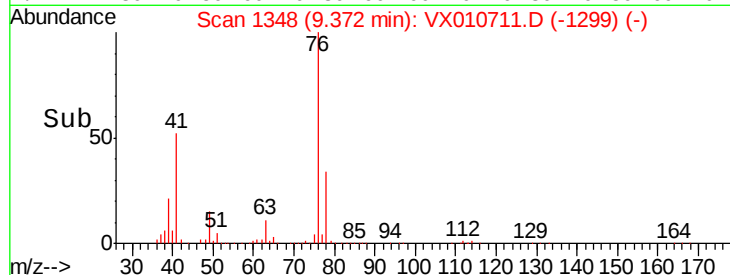
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 238.796 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010711.D

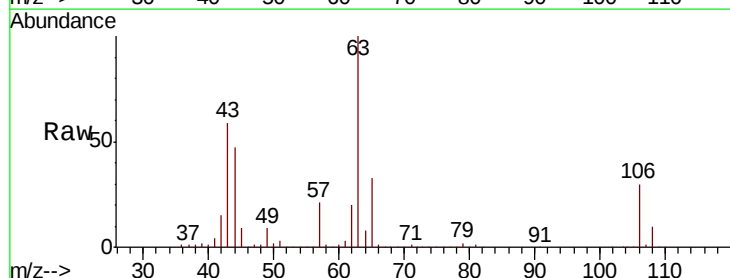
Acq: 08 Jul 2019 21:39

Tgt Ion: 63 Resp: 385658

Ion Ratio Lower Upper

63 100

106 30.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300000

250000

200000

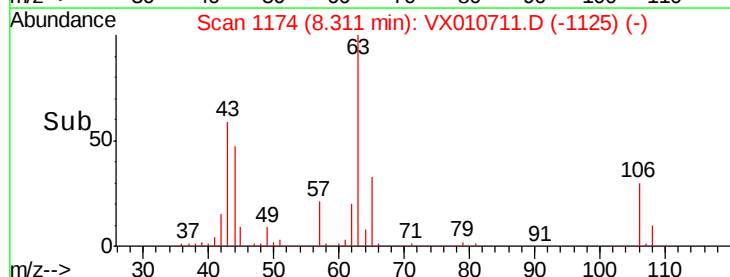
150000

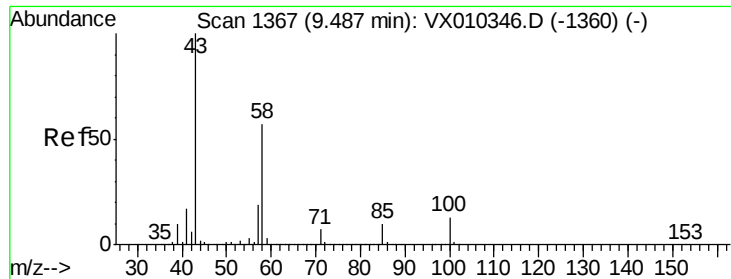
100000

50000

0

Time--> 8.20 8.25 8.30 8.35 8.40





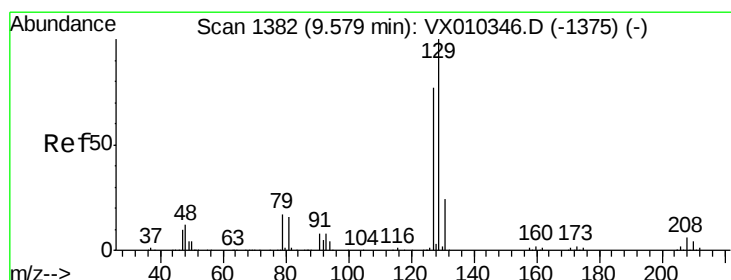
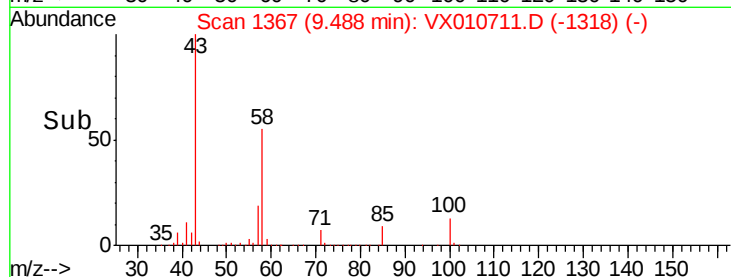
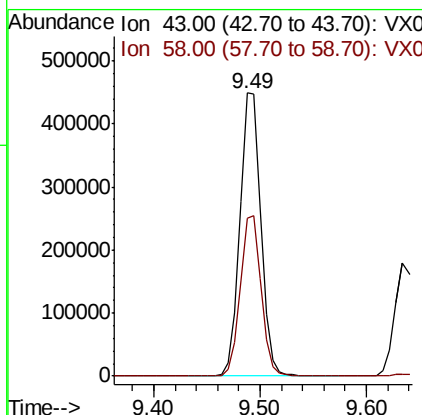
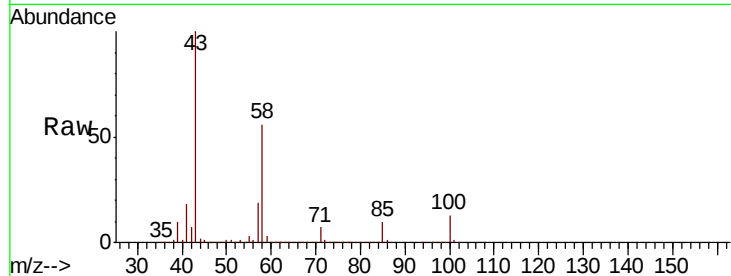
#59
2-Hexanone
Concen: 273.932 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 622623
Ion Ratio Lower Upper
43 100
58 56.4 29.0 87.1

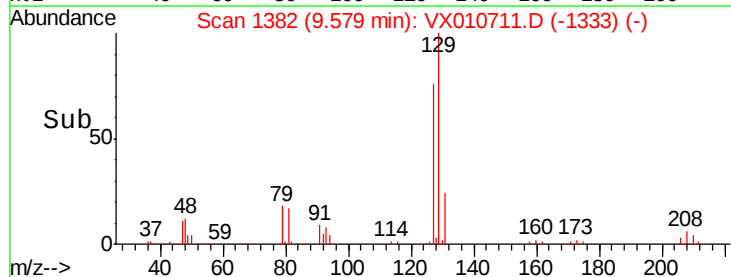
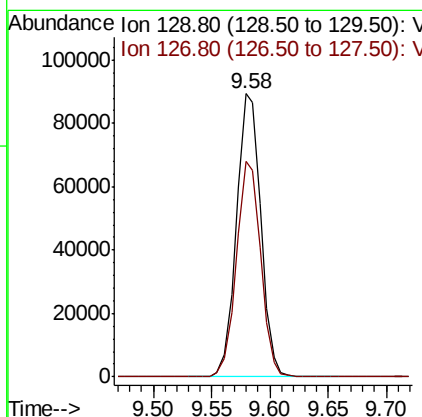
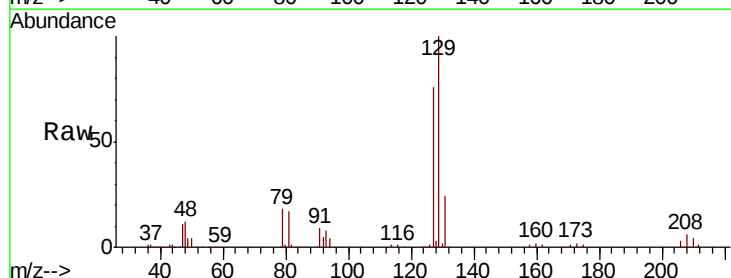
Manual Integrations
APPROVED

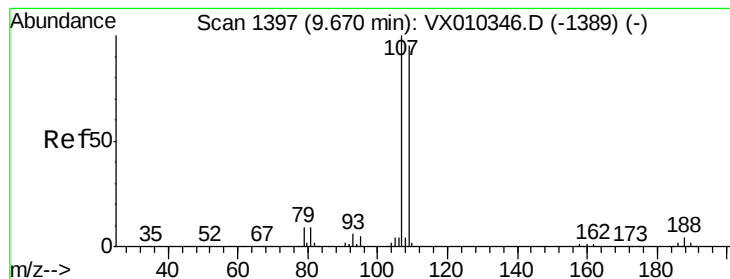
MMDadoda
7/9/2019 11:23:35 AM



#60
Dibromochloromethane
Concen: 51.773 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion: 129 Resp: 130126
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.706 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 107 Resp: 127706

Ion Ratio Lower Upper

107 100

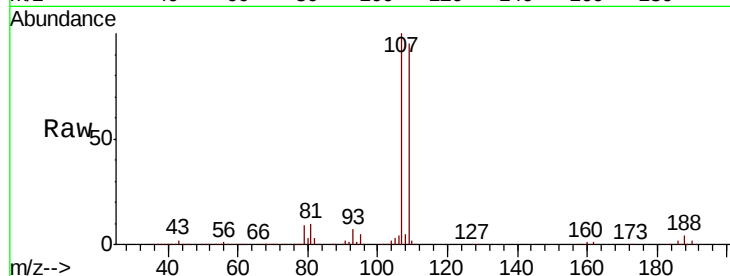
109 95.1 75.8 113.6

Manual Integrations

APPROVED

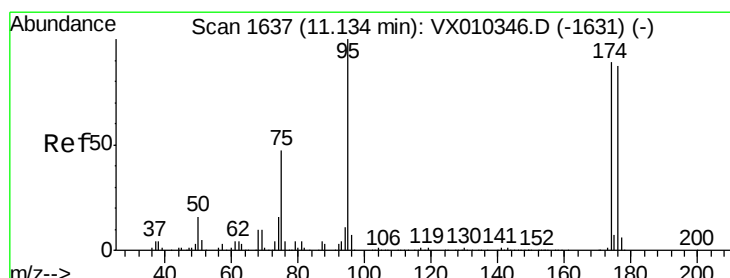
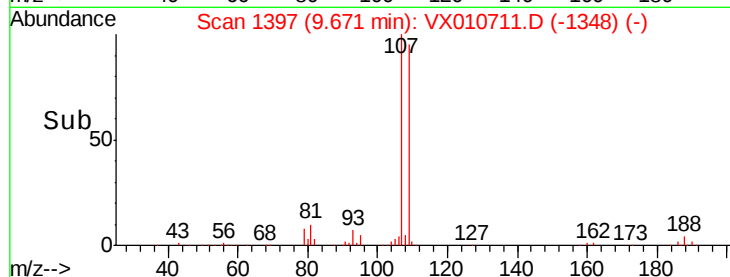
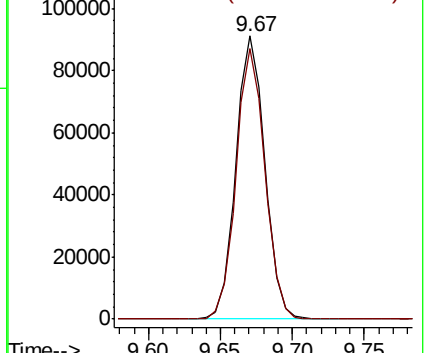
MMDadoda

7/9/2019 11:23:35 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.467 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

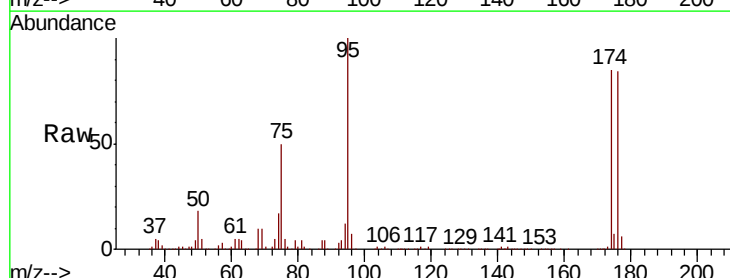
Tgt Ion: 95 Resp: 139562

Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.6

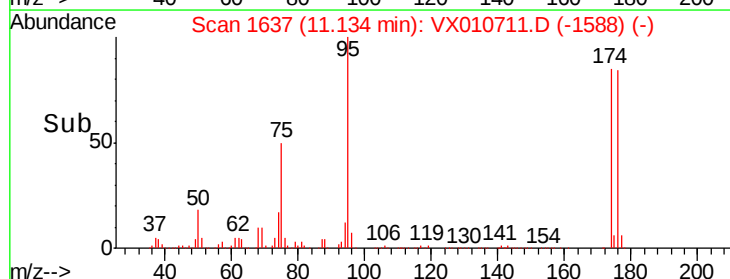
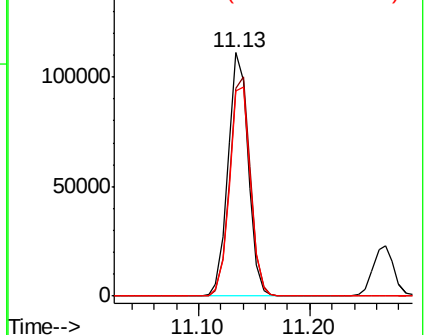
176 89.2 0.0 184.0

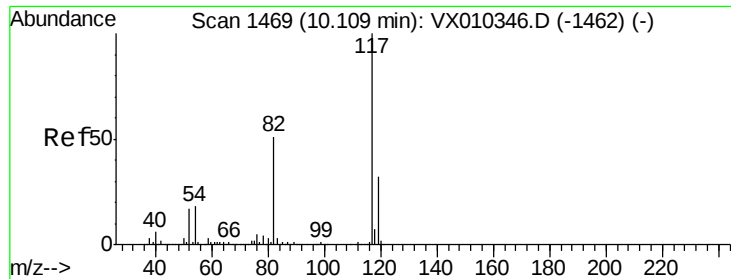


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





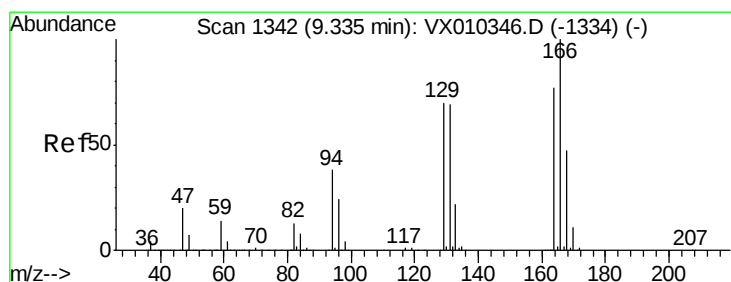
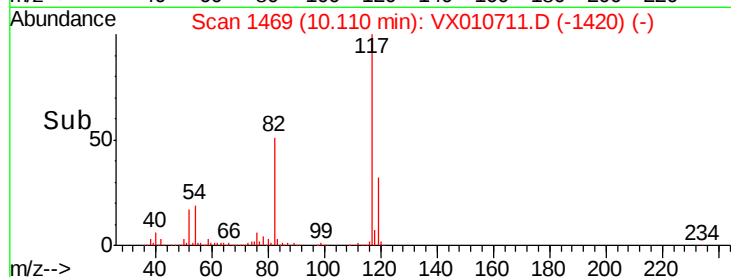
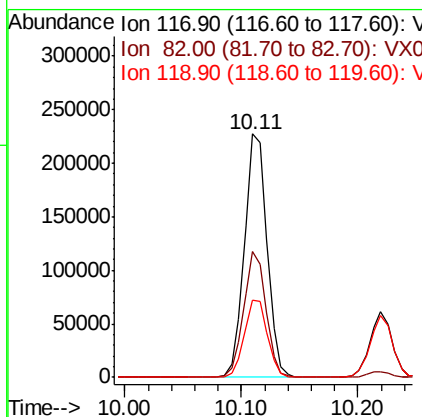
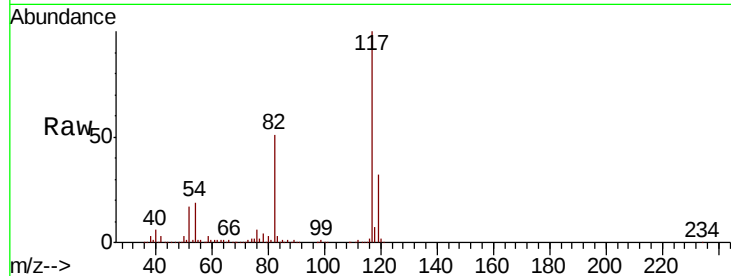
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	309649		
82	51.5	41.2	61.8	
119	31.7	25.5	38.3	

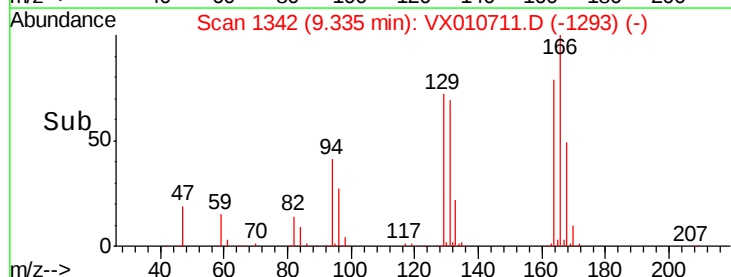
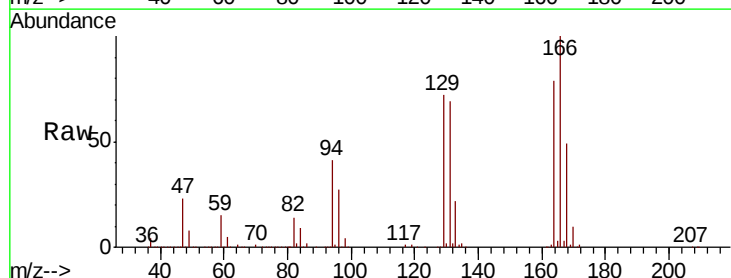
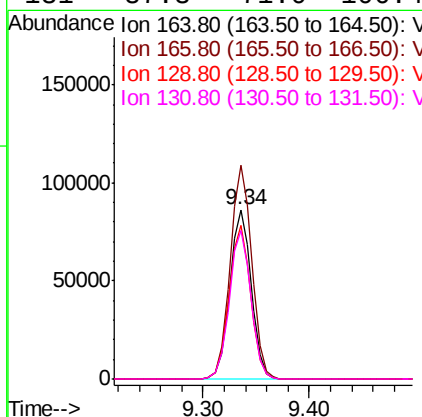
Manual Integrations
APPROVED

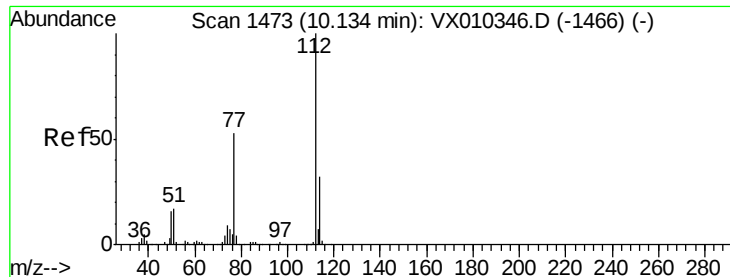
MMDadoda
7/9/2019 11:23:35 AM



#64
Tetrachloroethene
Concen: 48.767 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122138		
166	126.0	103.6	155.4	
129	90.9	73.0	109.4	
131	87.3	71.0	106.4	





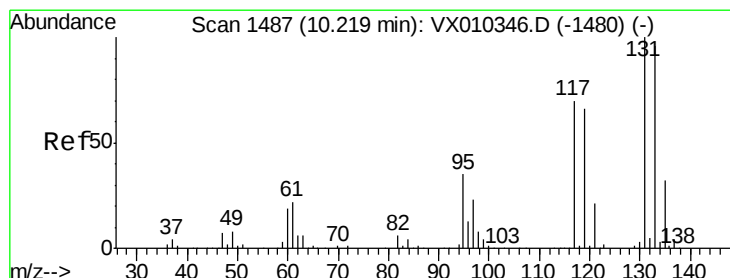
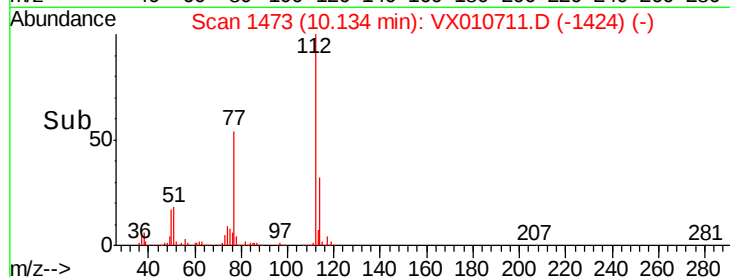
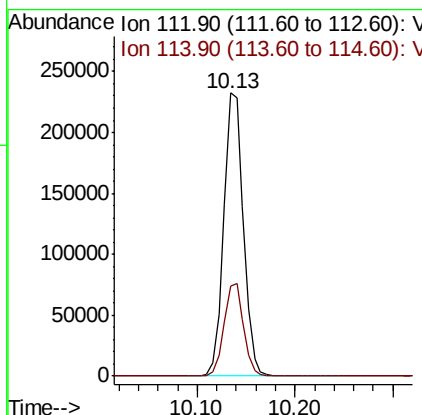
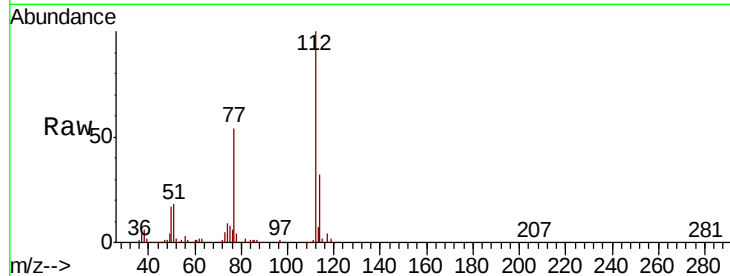
#65
Chlorobenzene
Concen: 51.260 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:112 Resp: 322244
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

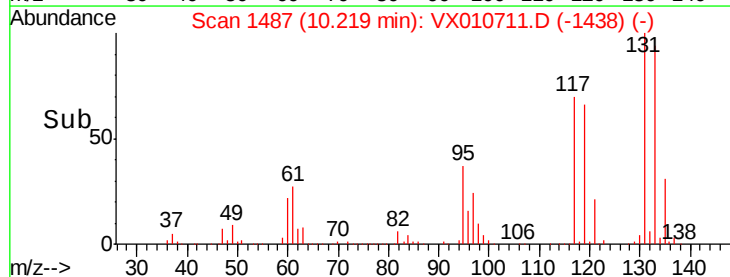
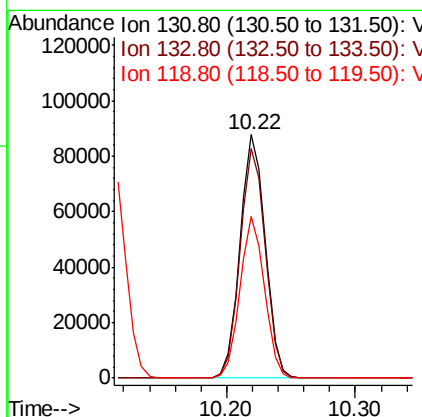
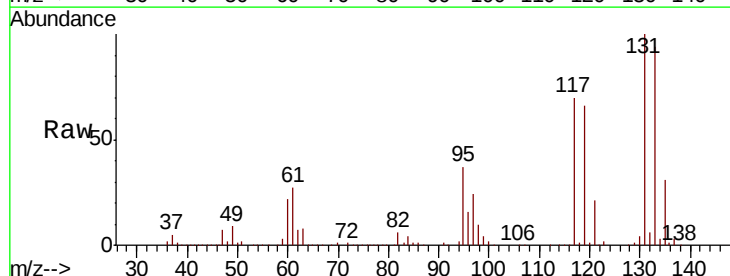
Manual Integrations
APPROVED

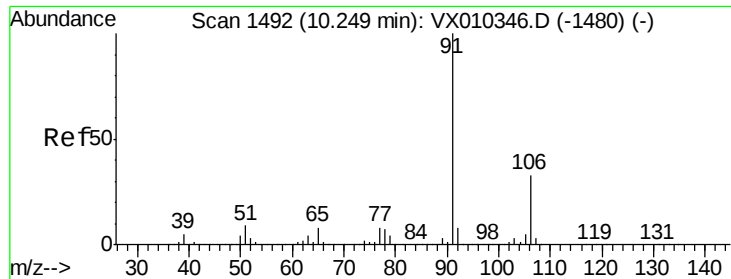
MMDadoda
7/9/2019 11:23:35 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.767 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion:131 Resp: 118540
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 64.8 32.6 97.7





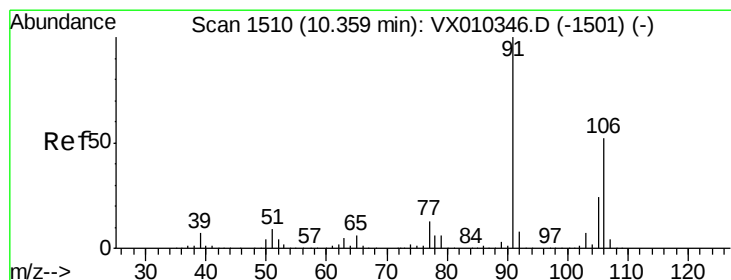
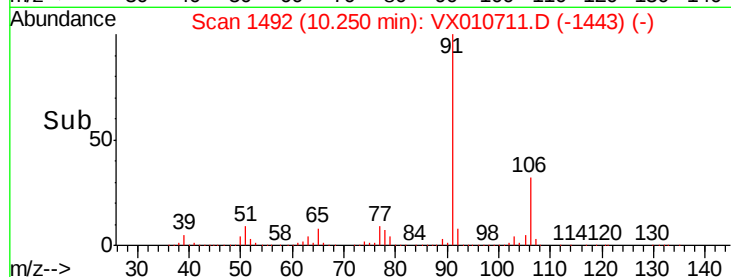
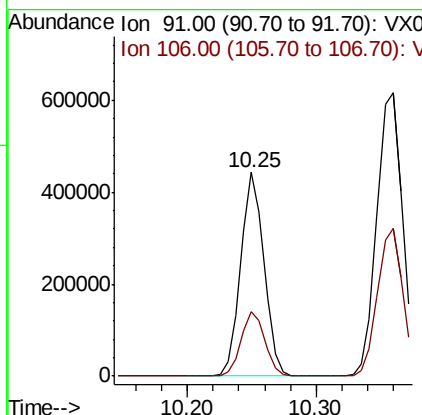
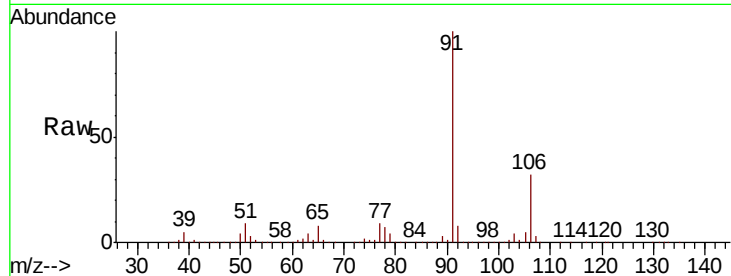
#67
Ethyl Benzene
Concen: 52.363 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 555727
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.2

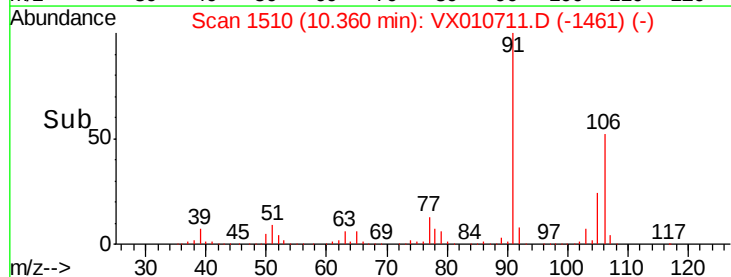
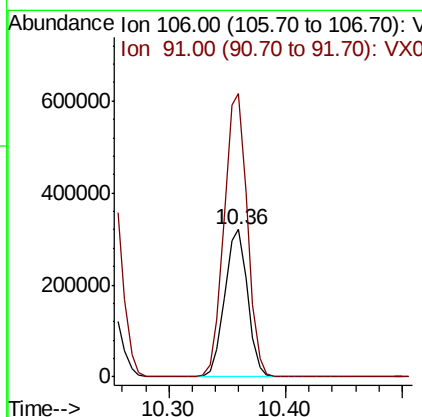
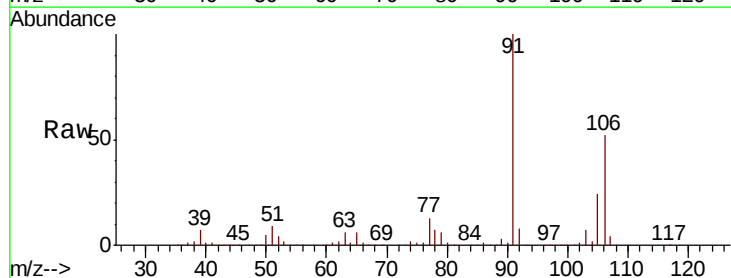
Manual Integrations
APPROVED

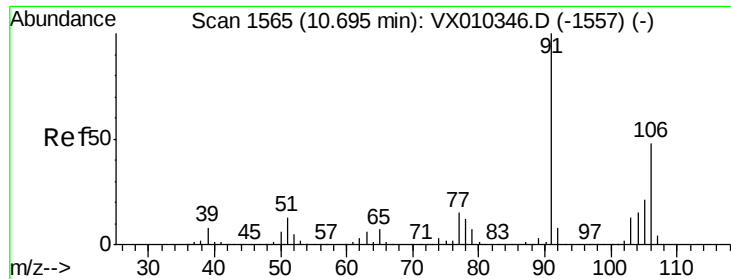
MMDadoda
7/9/2019 11:23:35 AM



#68
m/p-Xylenes
Concen: 105.646 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion: 106 Resp: 434442
Ion Ratio Lower Upper
106 100
91 195.1 155.3 232.9





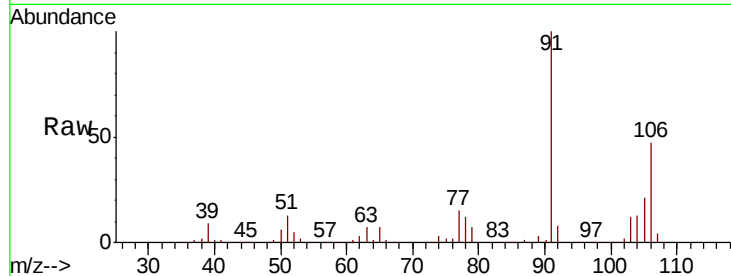
#69
o-Xylene
Concen: 52.413 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

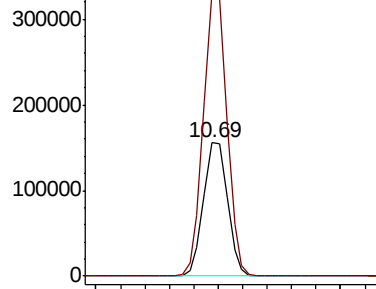
Tgt Ion:106 Resp: 211959
Ion Ratio Lower Upper
106 100
91 207.2 102.7 308.1

Manual Integrations
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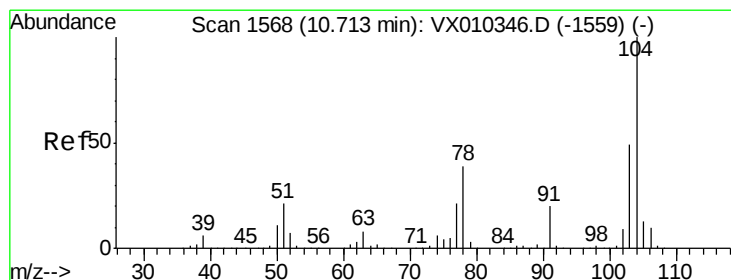
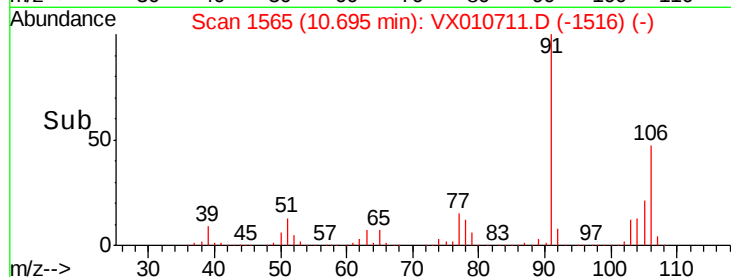
MMDadoda
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

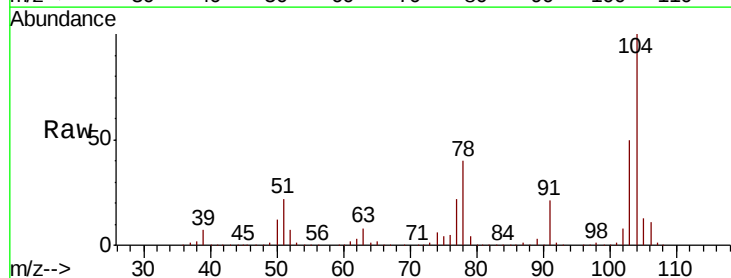


Time--> 10.60 10.70 10.80

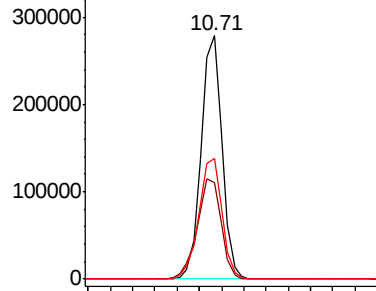


#70
Styrene
Concen: 53.194 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

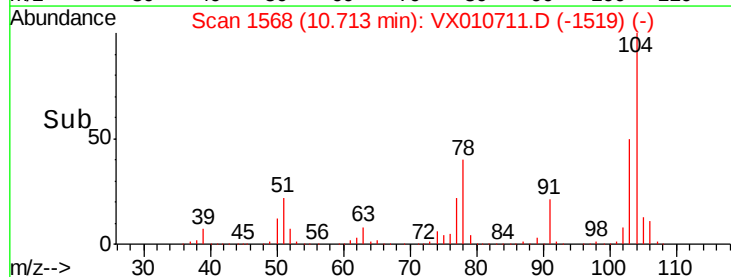
Tgt Ion:104 Resp: 360759
Ion Ratio Lower Upper
104 100
78 47.5 36.2 54.2
103 55.3 44.2 66.4

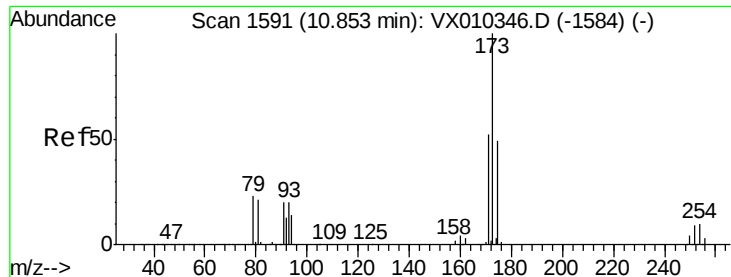


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 49.521 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

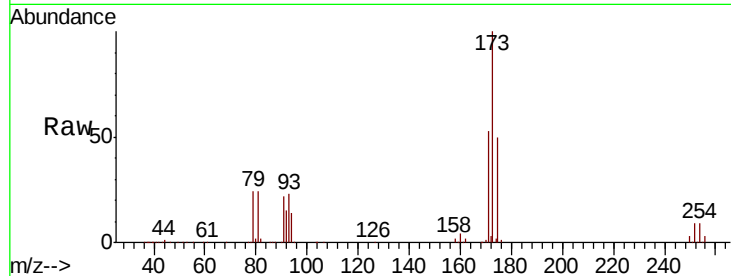
ClientSampleId :

VSTDCCC050

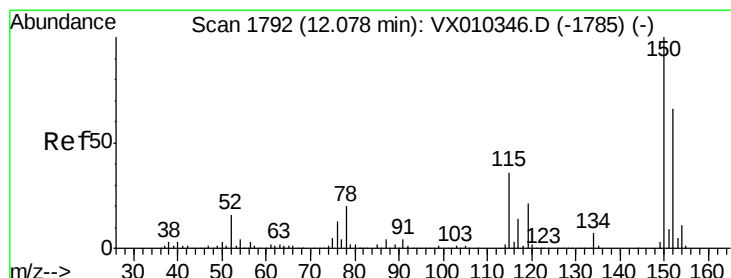
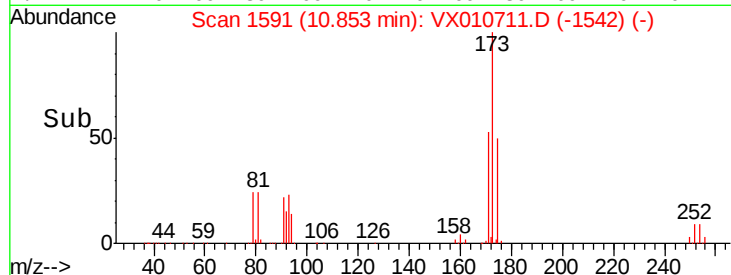
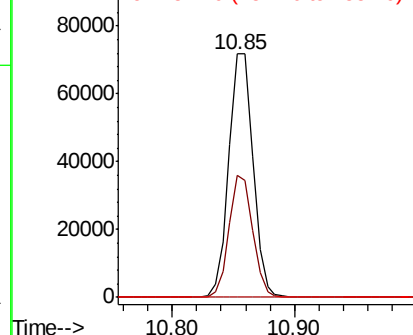
Tgt Ion:	173	Resp:	98612
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

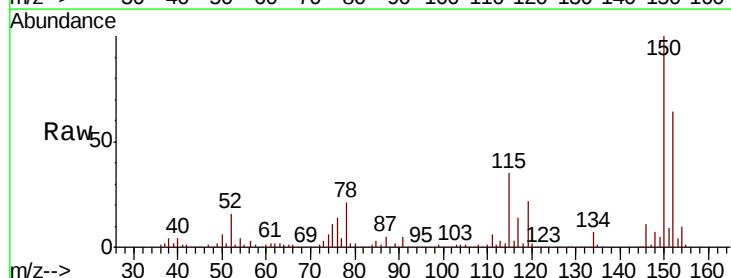
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

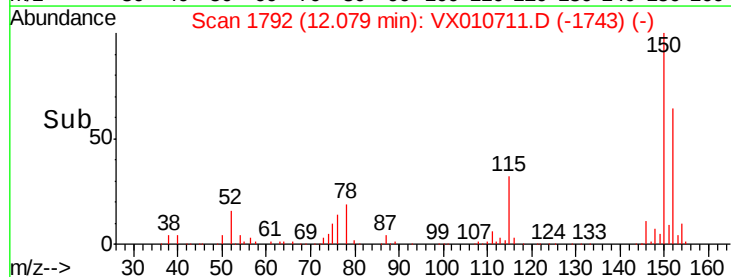
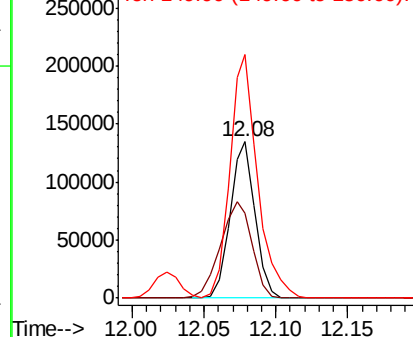
Lab File: VX010711.D

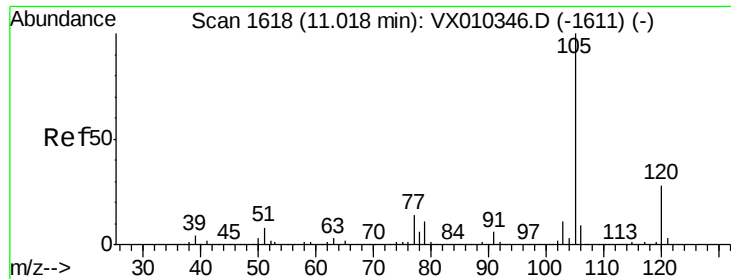
Acq: 08 Jul 2019 21:39

Tgt Ion:	152	Resp:	162427
Ion Ratio	Lower	Upper	
152	100		
115	78.7	38.6	115.7
150	173.4	0.0	347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.232 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 564088

Ion Ratio Lower Upper

105 100

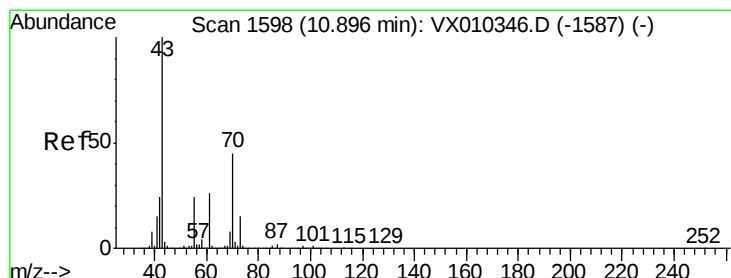
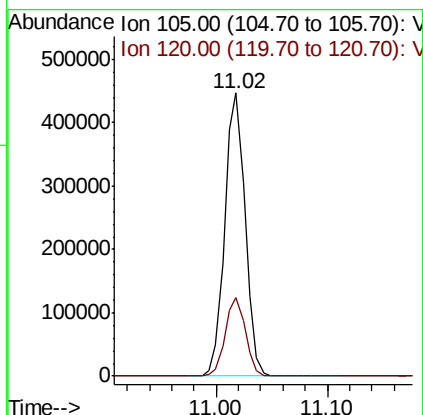
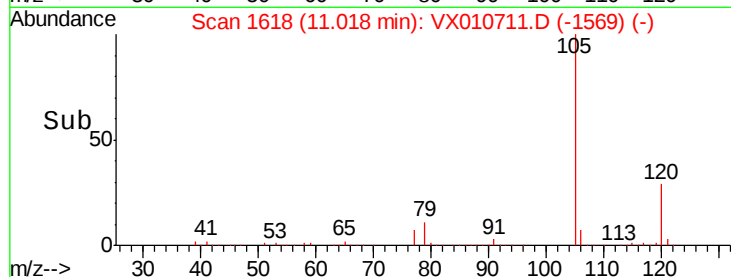
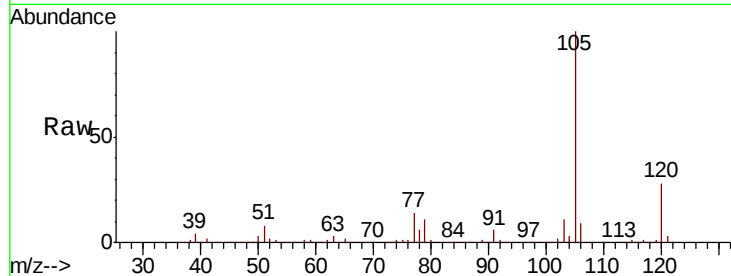
120 27.6 14.1 42.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.109 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Tgt Ion: 43 Resp: 225155

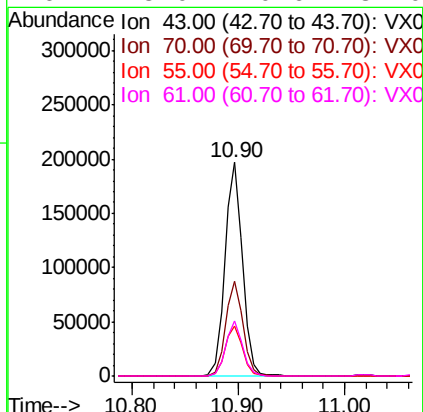
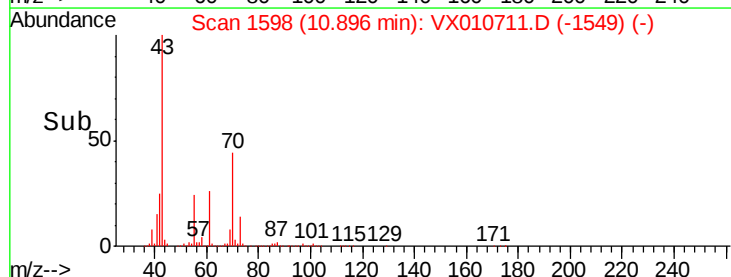
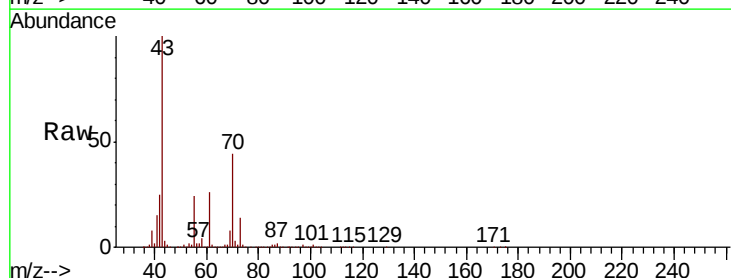
Ion Ratio Lower Upper

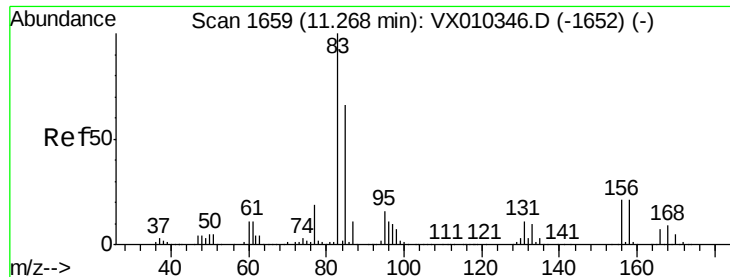
43 100

70 44.1 36.6 54.8

55 23.7 18.7 28.1

61 25.0 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.918 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

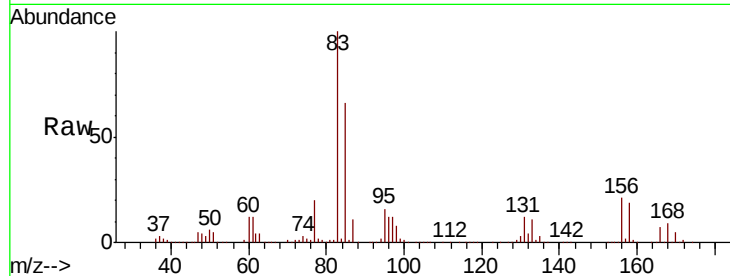
ClientSampleId :

VSTDCCC050

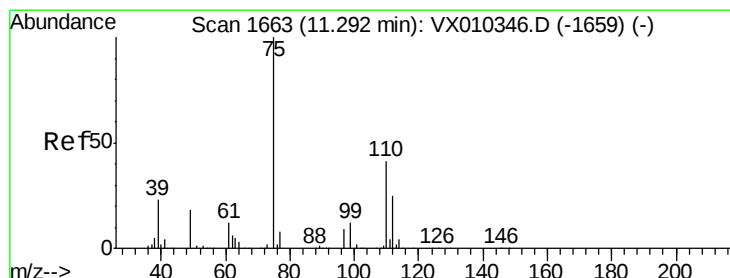
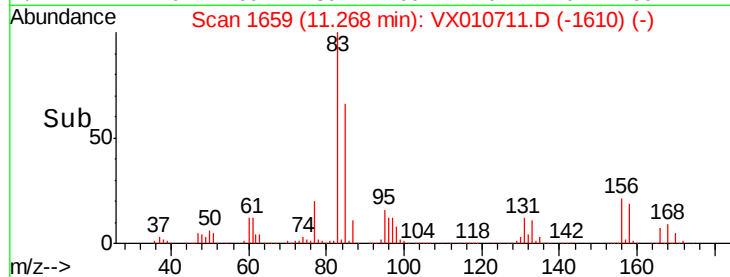
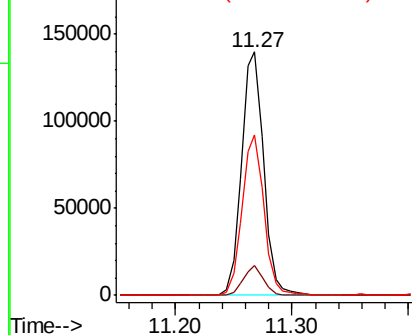
Tgt Ion:	83	Resp:	185668
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	65.2	32.3	96.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.021 ug/l m

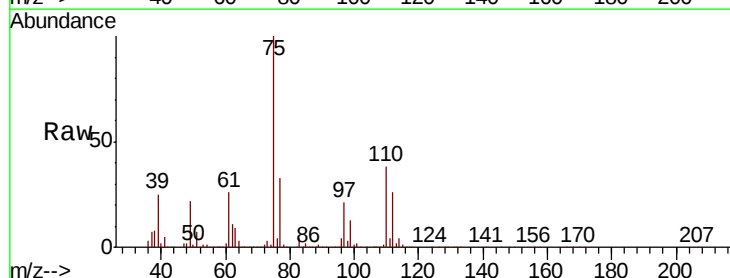
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

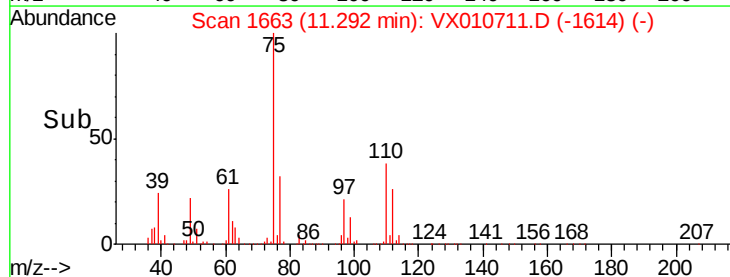
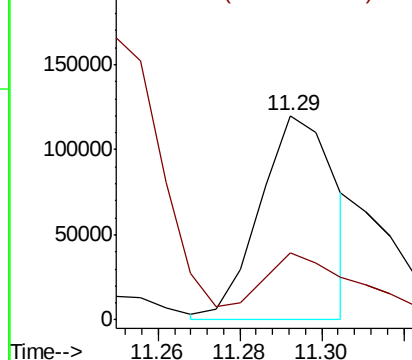
Lab File: VX010711.D

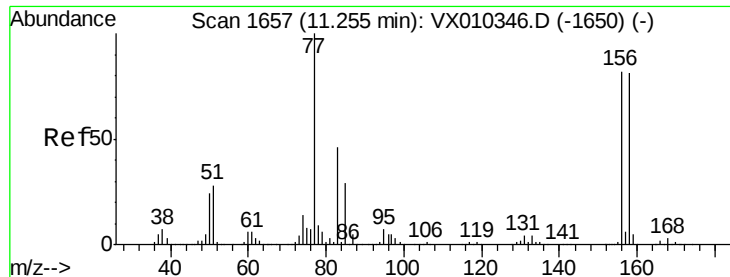
Acq: 08 Jul 2019 21:39

Tgt Ion:	75	Resp:	153975
Ion Ratio	Lower	Upper	
75	100		
77	42.8	22.6	67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.783 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

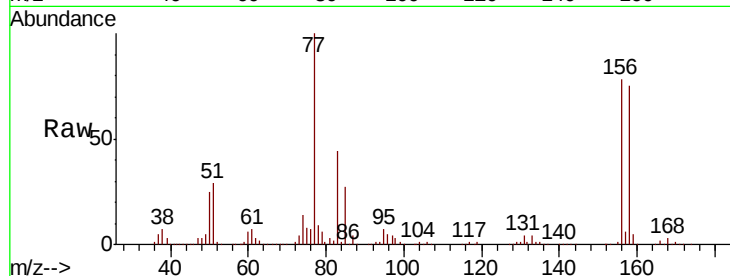
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	153055
Ion Ratio	Lower	Upper	
156	100		
77	136.4	66.3	198.7
158	97.5	48.9	146.7

Manual Integrations
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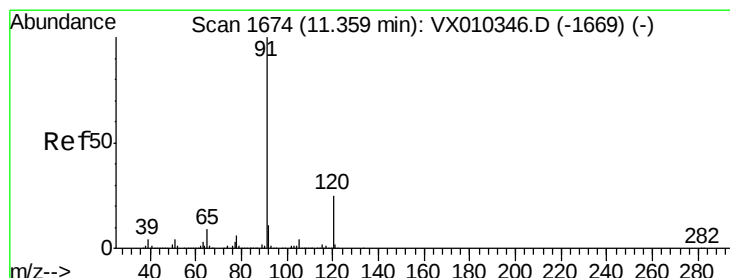
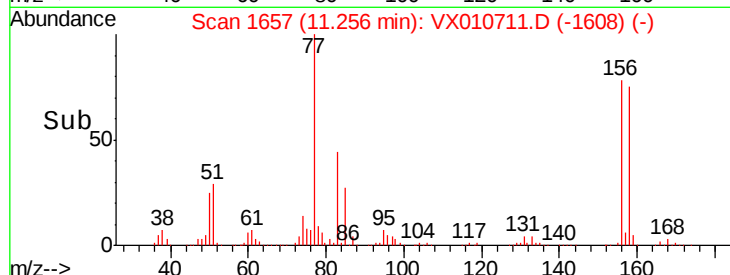
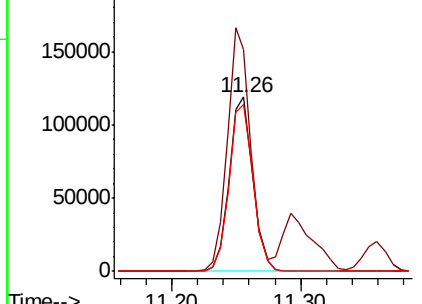
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.050 ug/l

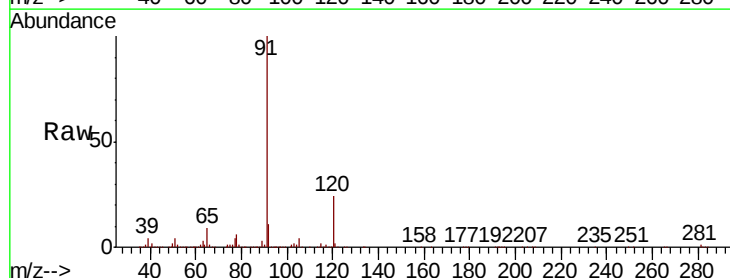
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010711.D

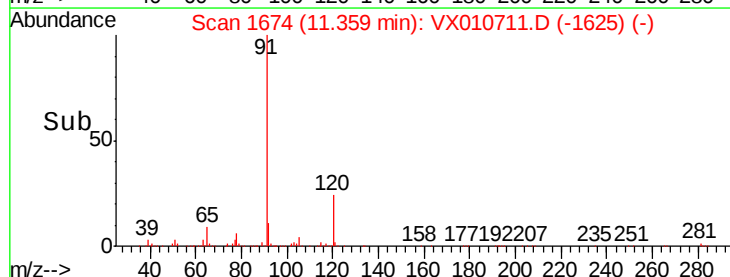
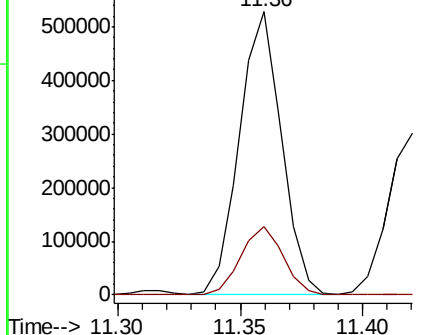
Acq: 08 Jul 2019 21:39

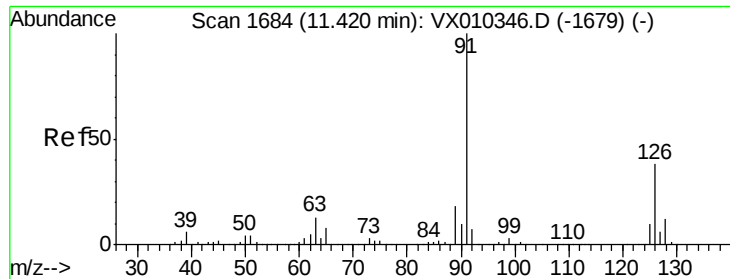
Tgt Ion:	91	Resp:	629867
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.4	37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





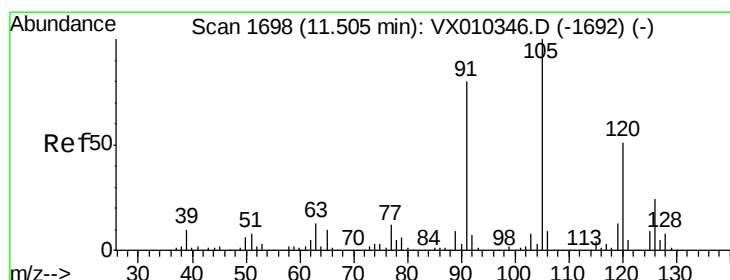
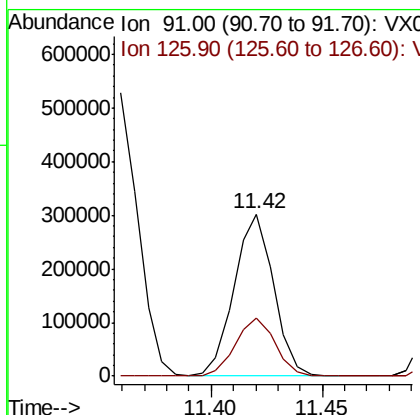
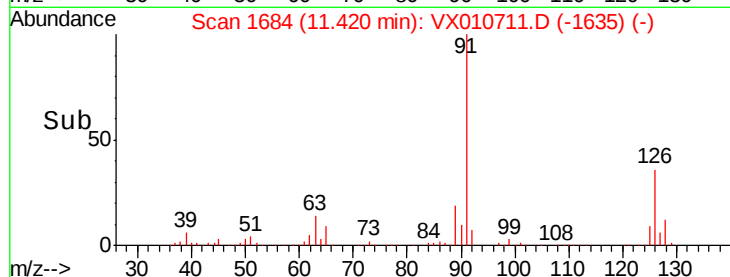
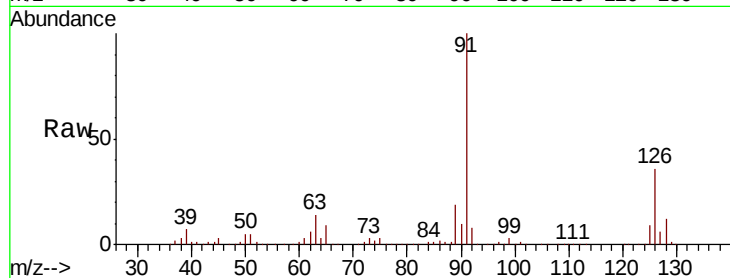
#79
2-Chlorotoluene
Concen: 51.640 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 372112
Ion Ratio Lower Upper
91 100
126 36.6 18.7 56.1

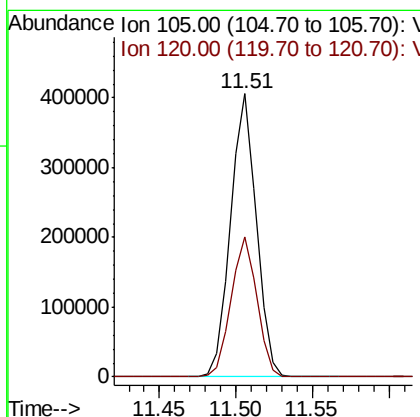
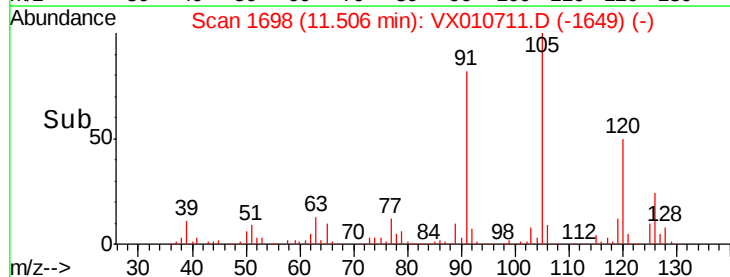
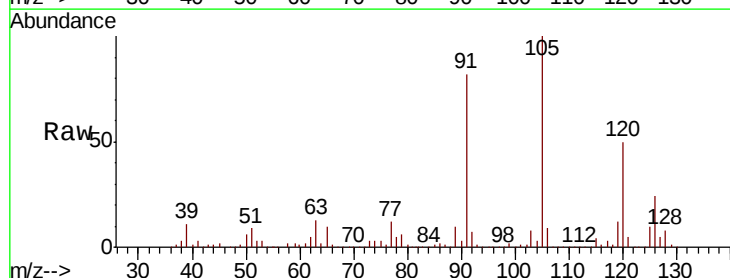
Manual Integrations
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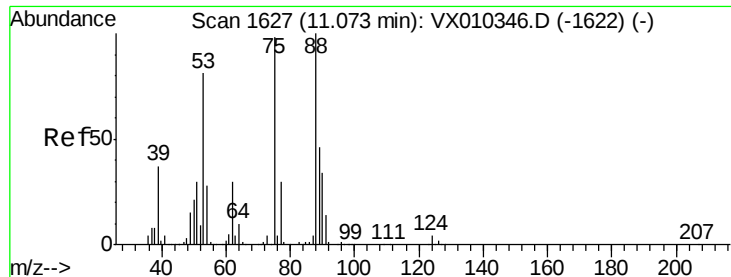
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#80
1,3,5-Trimethylbenzene
Concen: 52.191 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion: 105 Resp: 473729
Ion Ratio Lower Upper
105 100
120 49.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 43.714 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

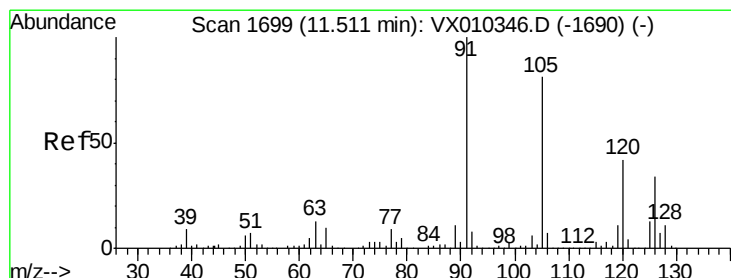
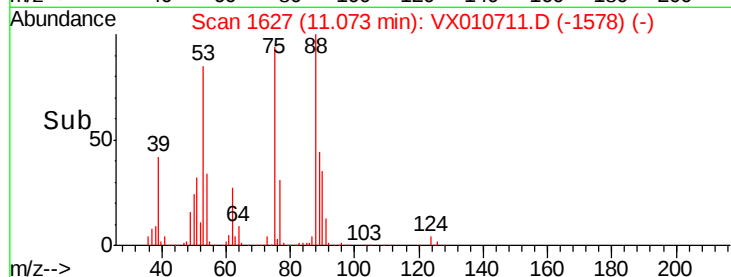
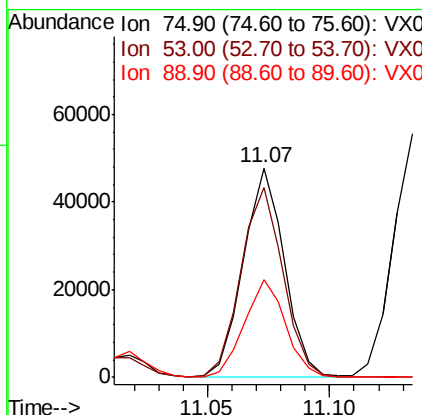
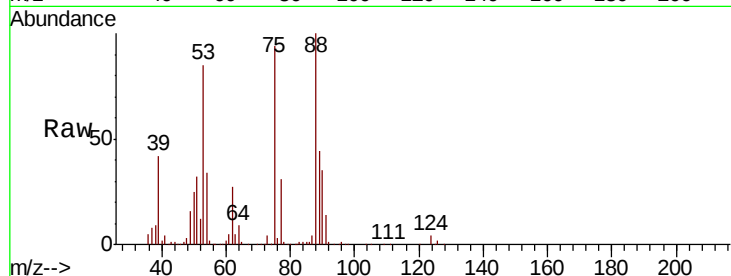
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	55462
Ion	Ratio	Lower	Upper
75	100		
53	93.3	66.1	99.1
89	47.1	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.253 ug/l

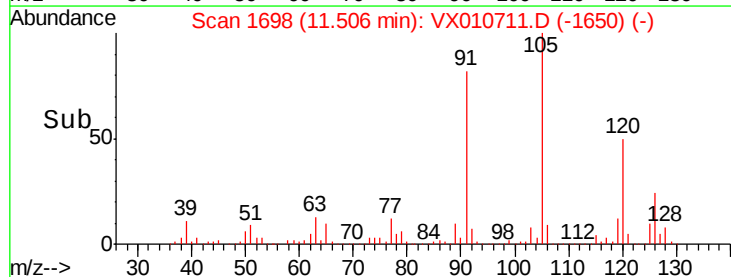
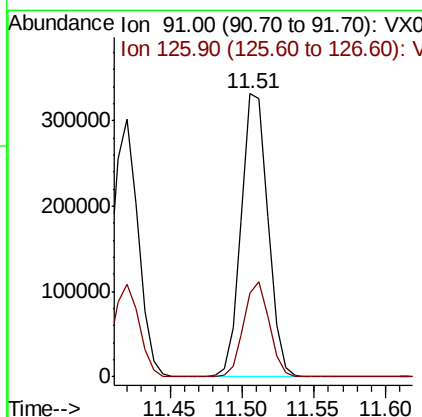
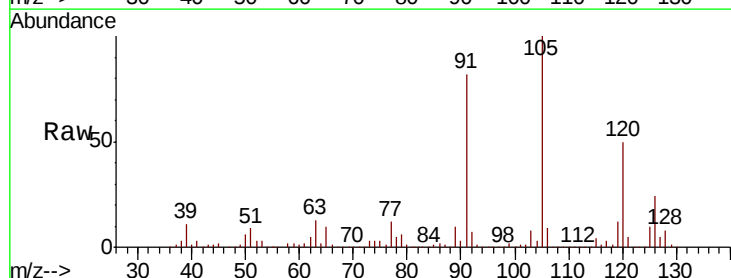
RT: 11.51 min Scan# 1698

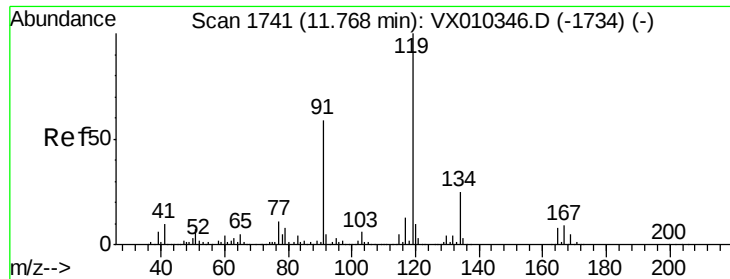
Delta R.T. -0.01 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Tgt Ion:	91	Resp:	428453
Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.6





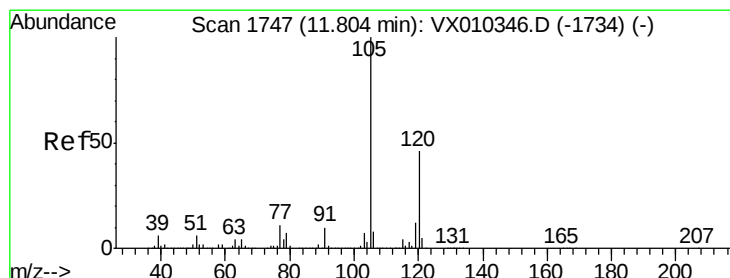
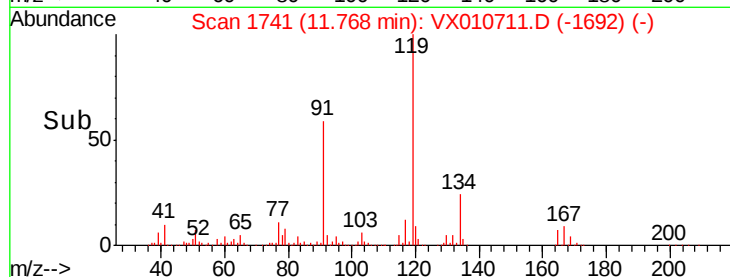
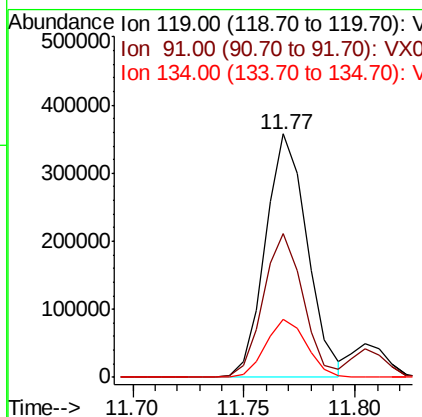
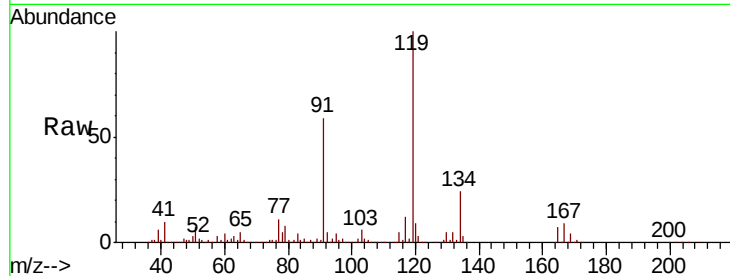
#83
tert-Butylbenzene
Concen: 51.242 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	466830		
91	56.7	27.6	82.7	
134	23.4	11.8	35.4	

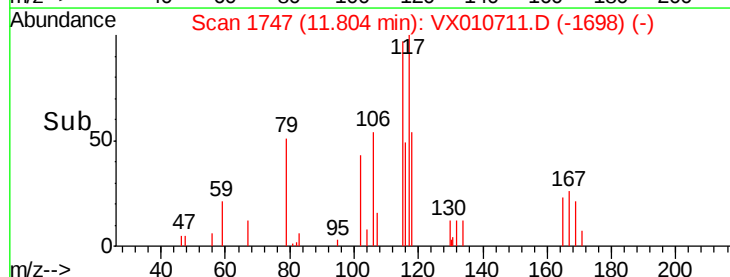
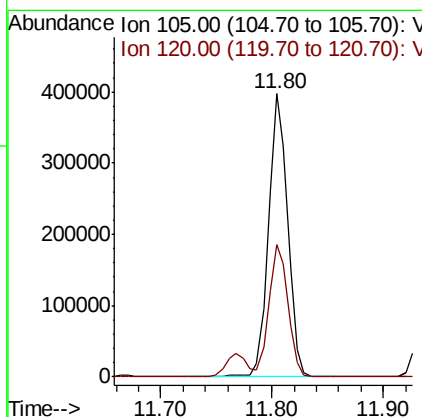
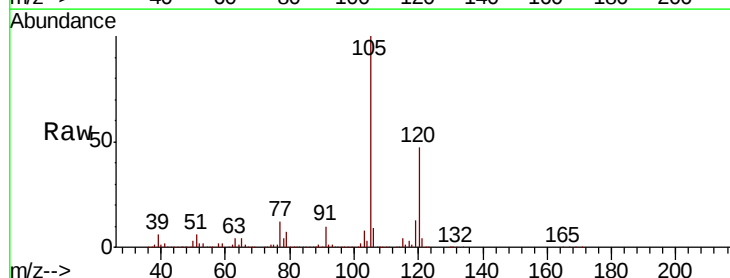
Manual Integrations
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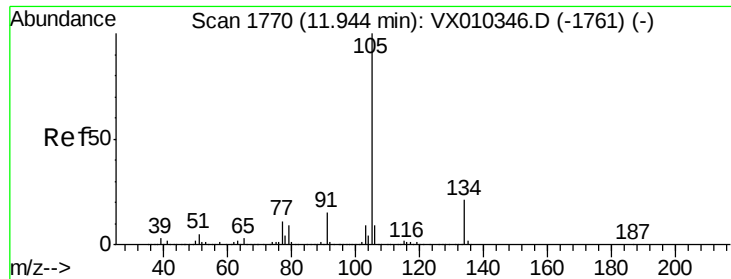
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#84
1,2,4-Trimethylbenzene
Concen: 52.466 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	478464		
120	46.1	23.1	69.2	





#85

sec-Butylbenzene

Concen: 51.339 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 549157

Ion Ratio Lower Upper

105 100

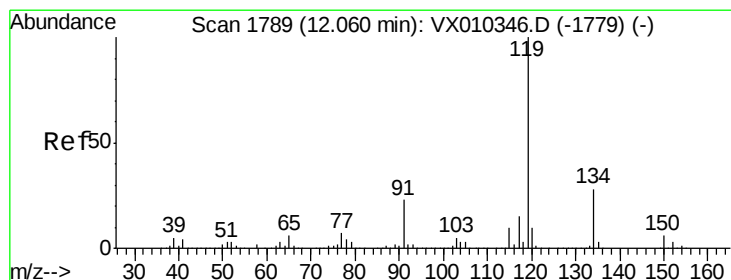
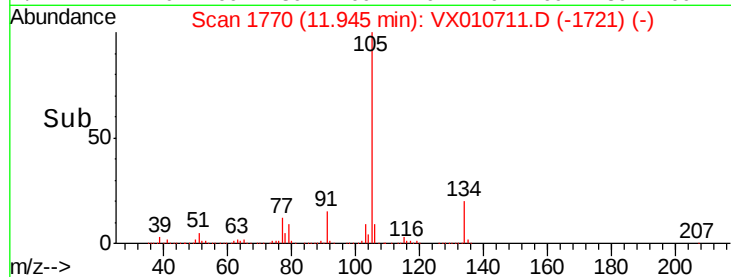
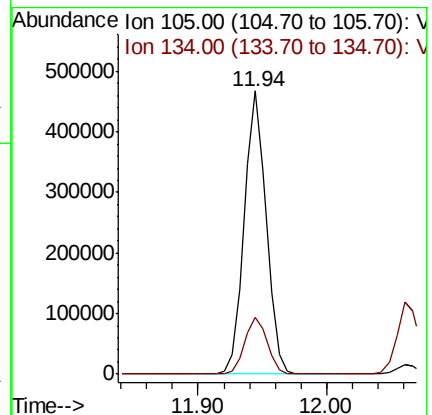
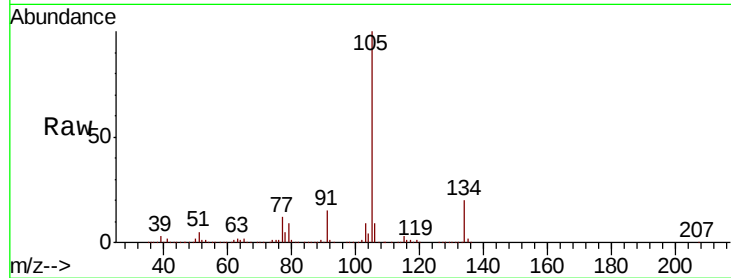
134 20.8 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.534 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

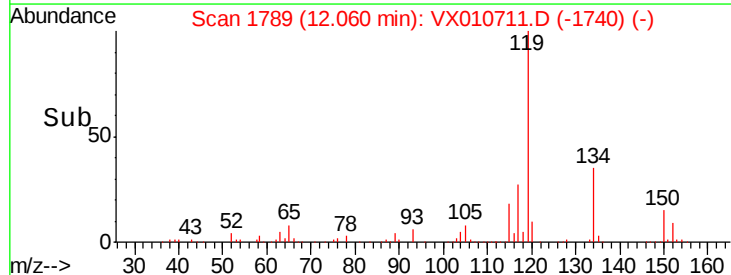
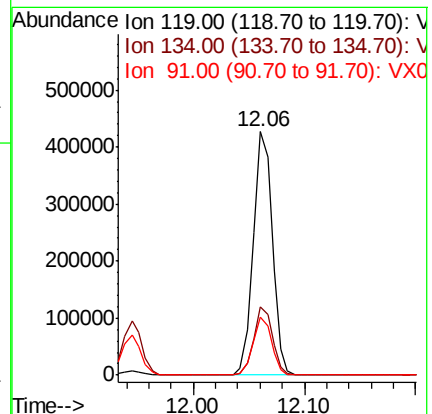
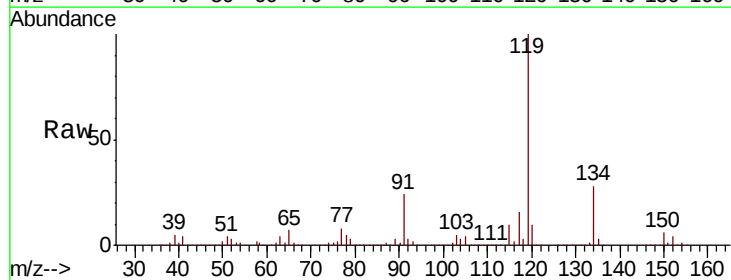
Tgt Ion:119 Resp: 509884

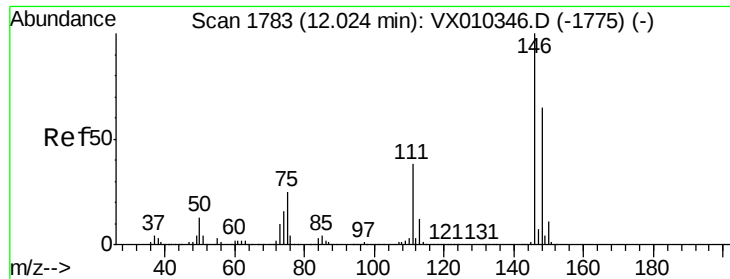
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.2 11.3 33.8





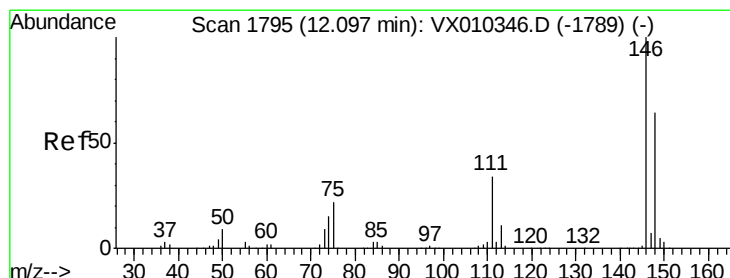
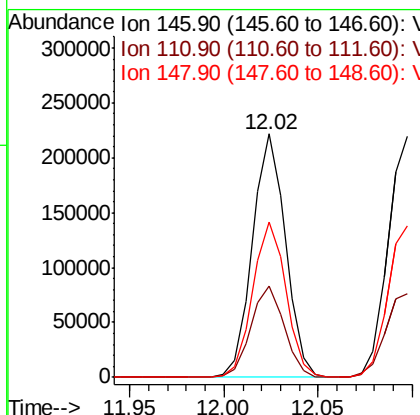
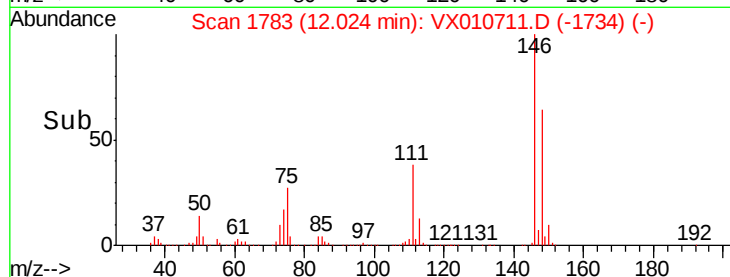
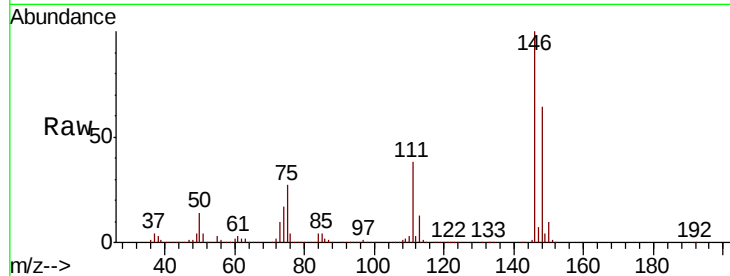
#87
 1,3-Dichlorobenzene
 Concen: 50.315 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.1	32.5	97.4

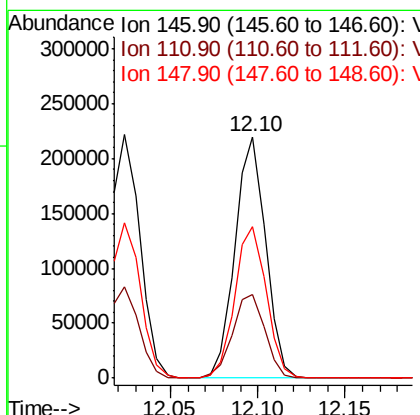
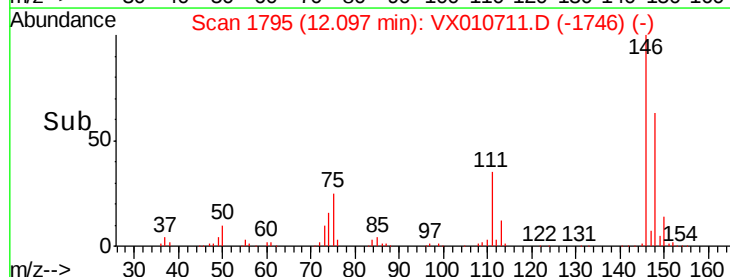
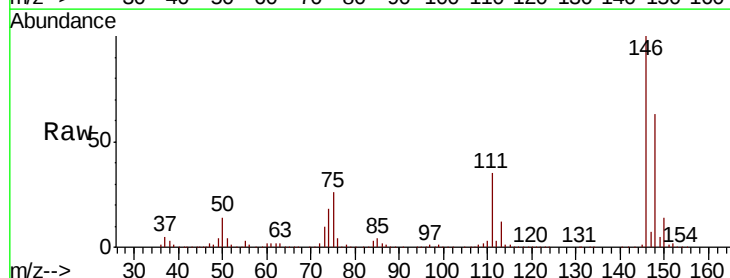
Manual Integrations
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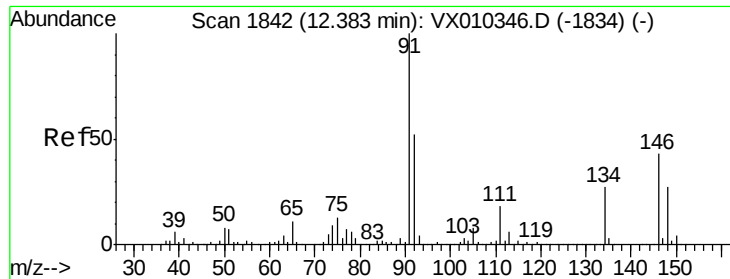
MMDadoda
 7/9/2019 11:23:35 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.005 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.3
148	64.4	32.1	96.3





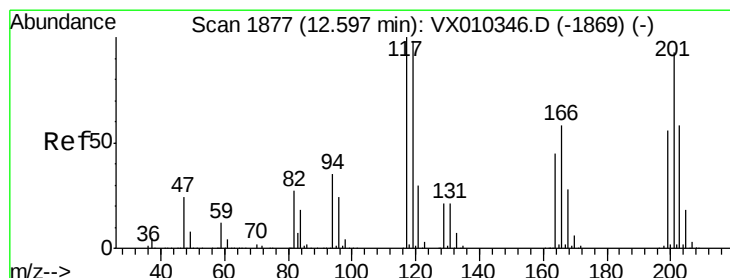
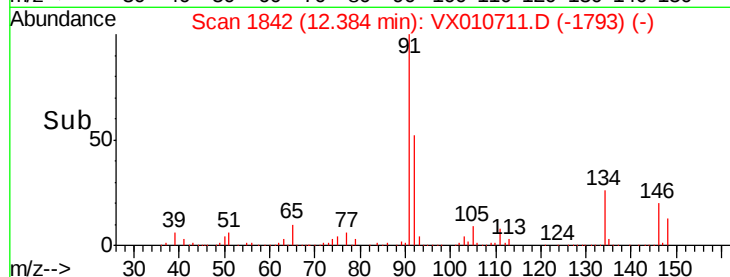
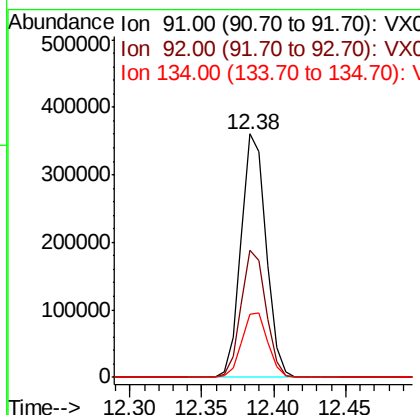
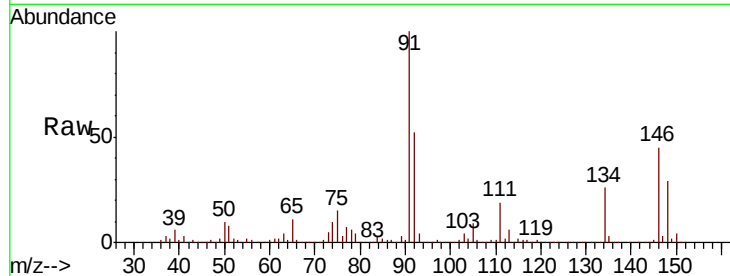
#89
n-Butylbenzene
Concen: 51.737 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 434980
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 27.4 14.1 42.4

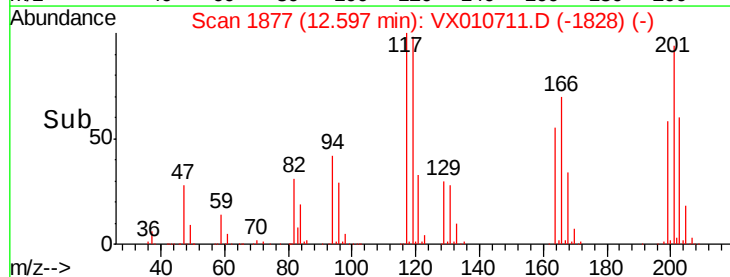
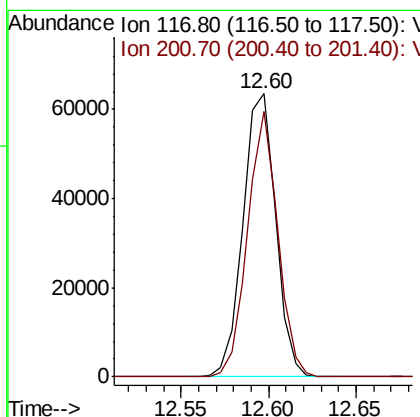
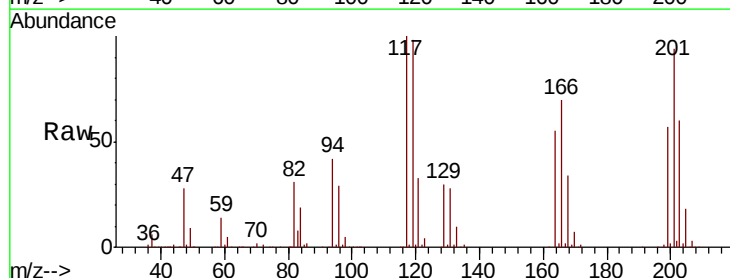
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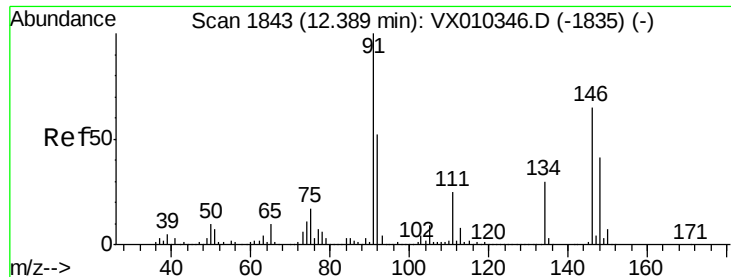
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#90
Hexachloroethane
Concen: 48.311 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion: 117 Resp: 82652
Ion Ratio Lower Upper
117 100
201 86.6 44.0 131.8





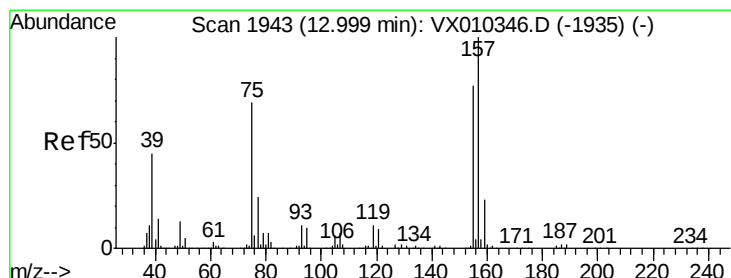
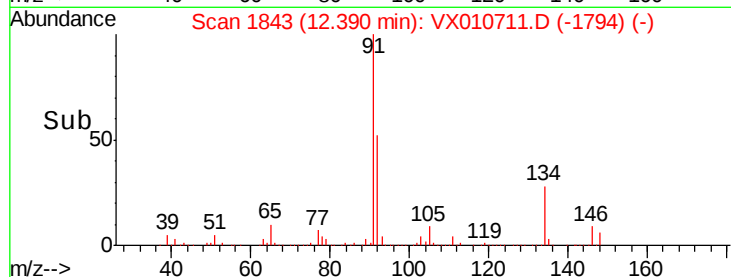
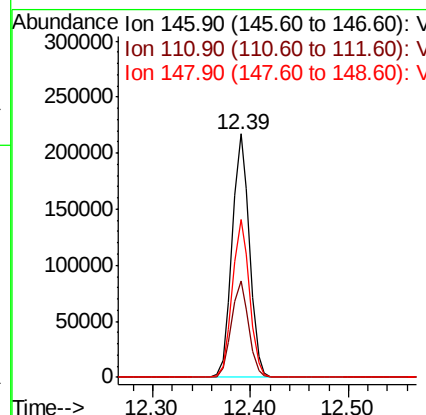
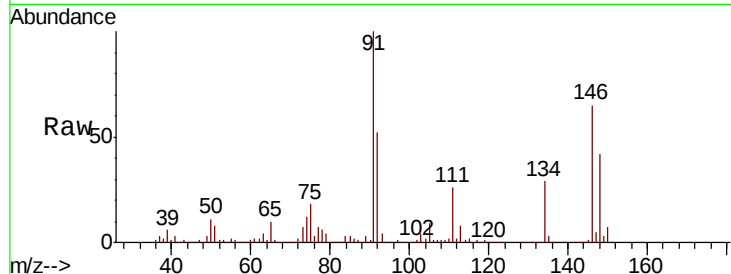
#91
1,2-Dichlorobenzene
Concen: 49.913 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266226		
111	39.4	19.2	57.6	
148	64.4	32.0	96.0	

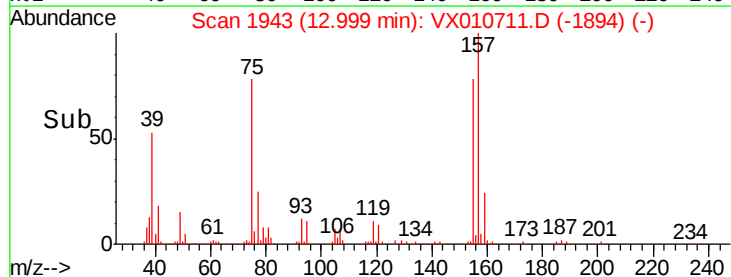
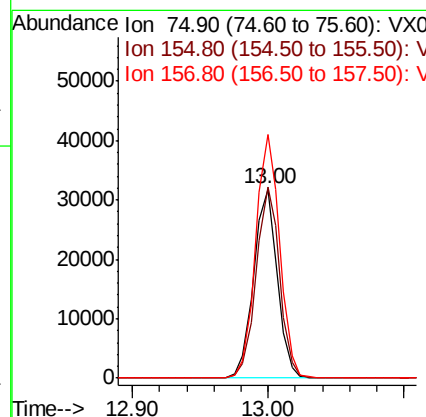
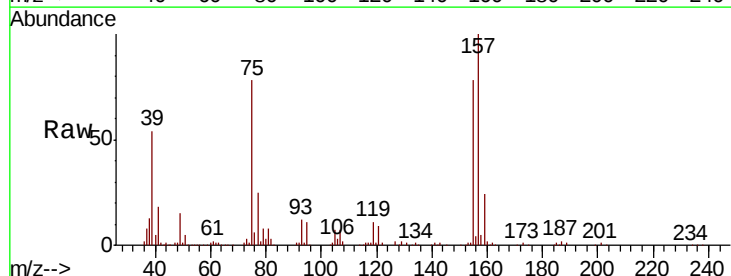
Manual Integrations
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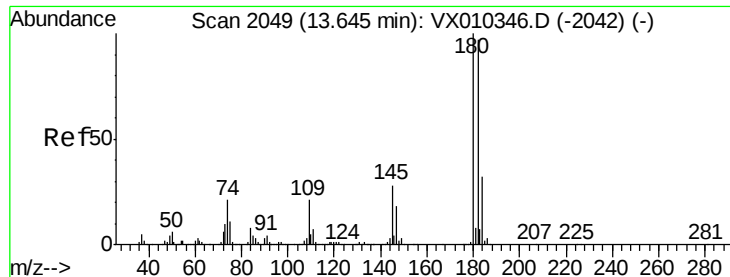
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#92
1,2-Dibromo-3-Chloropropane
Concen: 49.599 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX010711.D
Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38994		
155	100.5	54.4	163.1	
157	130.4	69.5	208.3	





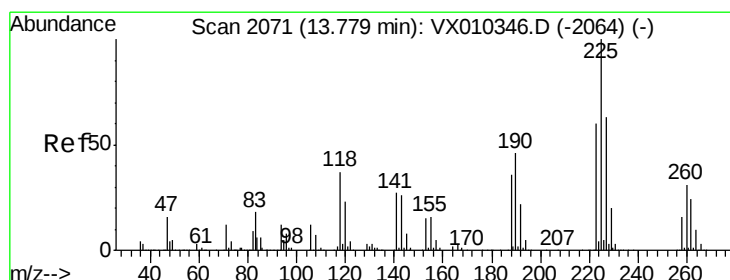
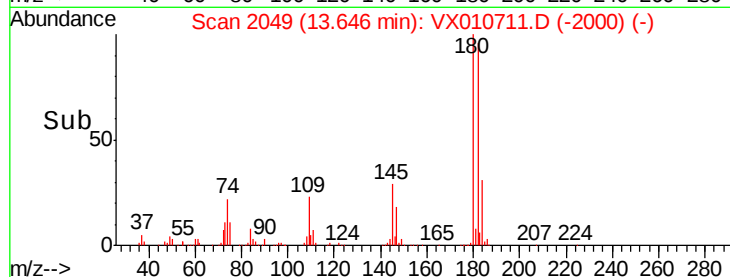
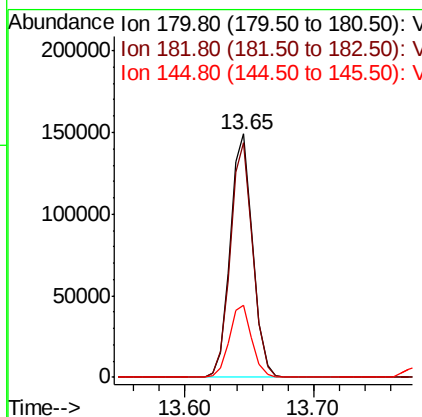
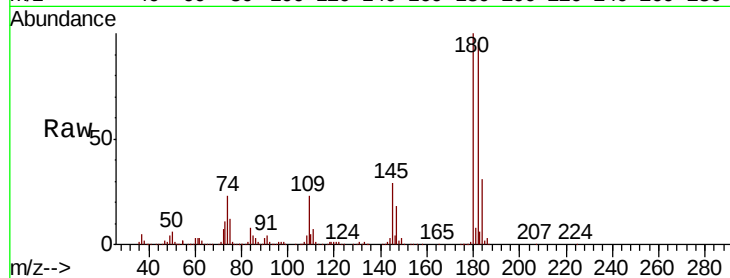
#93
 1,2,4-Trichlorobenzene
 Concen: 49.132 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181733		
182	96.3	48.0	144.0	
145	29.5	14.4	43.4	

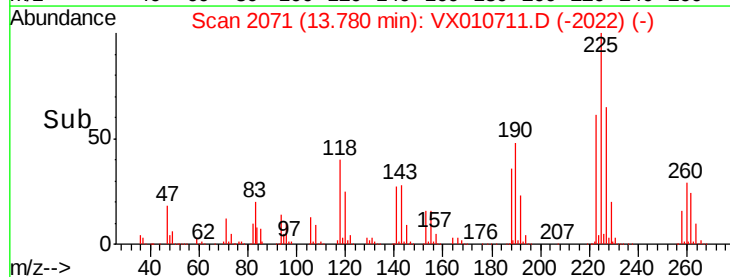
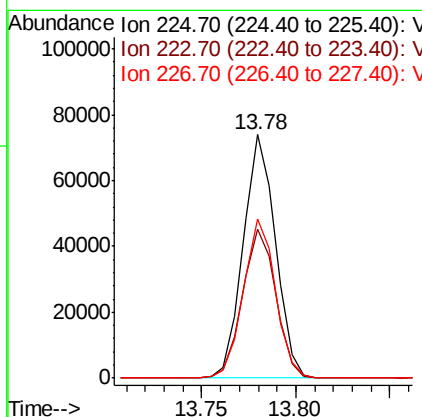
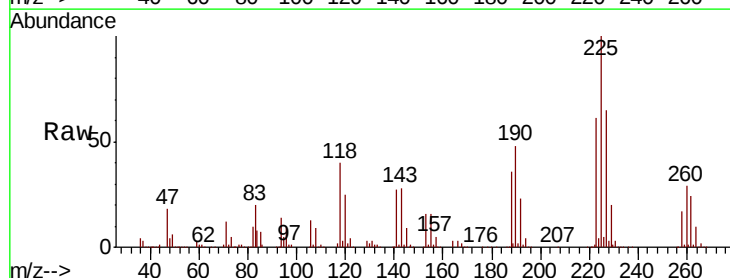
Manual Integrations
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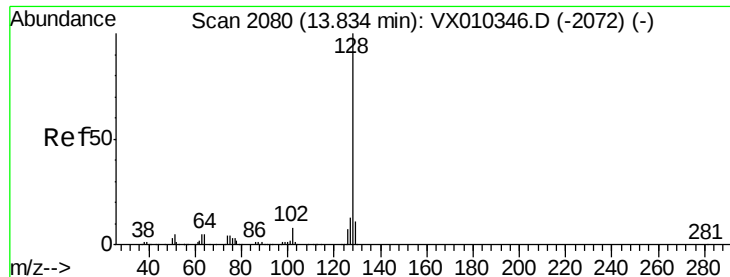
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#94
 Hexachlorobutadiene
 Concen: 48.559 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010711.D
 Acq: 08 Jul 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87784		
223	63.1	30.9	92.7	
227	64.8	31.9	95.5	





#95

Naphthalene

Concen: 50.729 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Instrument :

MSVOA_X

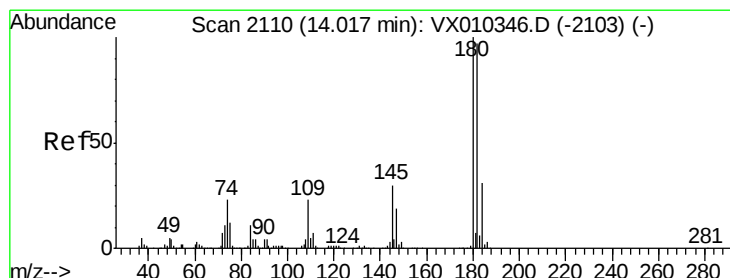
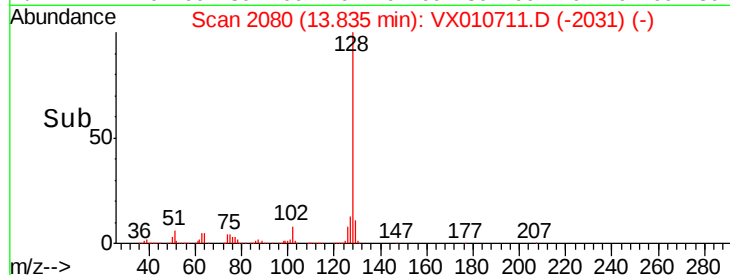
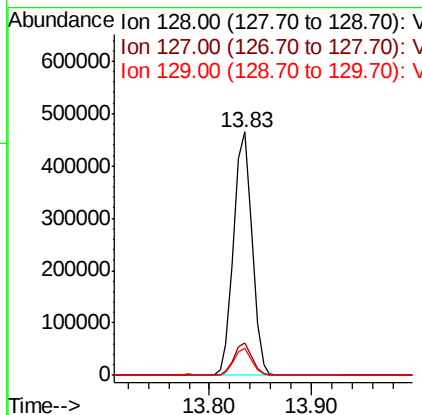
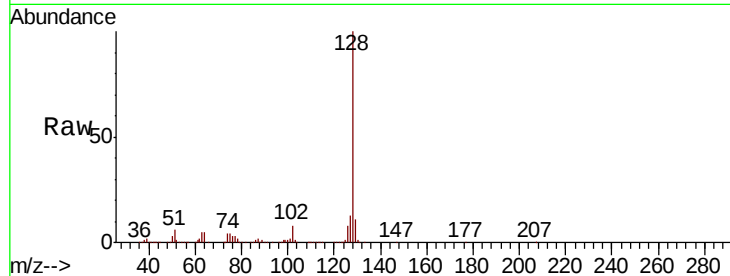
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	576637
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 50.244 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010711.D

Acq: 08 Jul 2019 21:39

Tgt Ion:	180	Resp:	184780
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.8	143.3
145	30.5	15.2	45.6

