

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010736.D
 Acq On : 09 Jul 2019 07:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:24:26 AM

Quant Time: Jul 09 08:21:45 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	5.67	168	210586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158562	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104055	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	5.50	113	99573	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	357037	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	11.13	95	134982	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	87762	59.945	ug/l 99
3) Chloromethane	1.32	50	95351	55.931	ug/l 100
4) Vinyl Chloride	1.41	62	102593	54.943	ug/l 98
5) Bromomethane	1.64	94	53245	58.530	ug/l 100
6) Chloroethane	1.71	64	64010	58.104	ug/l 100
7) Trichlorofluoromethane	1.92	101	169401	57.229	ug/l 100
8) Diethyl Ether	2.19	74	61676	58.101	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92100	51.343	ug/l 99
10) Methyl Iodide	2.51	142	125597	49.061	ug/l 97
11) Tert butyl alcohol	3.06	59	124276	240.542	ug/l 98
12) 1,1-Dichloroethene	2.37	96	97417	53.370	ug/l 97
13) Acrolein	2.29	56	66652	194.472	ug/l 99
14) Allyl chloride	2.73	41	139646	53.888	ug/l 98
15) Acrylonitrile	3.14	53	288775	282.308	ug/l 100
16) Acetone	2.45	43	235691	238.183	ug/l 97
17) Carbon Disulfide	2.57	76	243285	49.680	ug/l 100
18) Methyl Acetate	2.78	43	121436	61.574	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	323123	56.271	ug/l 98
20) Methylene Chloride	2.85	84	112590	55.289	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	103493	52.718	ug/l 99
22) Diisopropyl ether	3.85	45	304329	56.169	ug/l 96
23) Vinyl Acetate	3.81	43	1305790	278.977	ug/l 99
24) 1,1-Dichloroethane	3.70	63	173215	55.308	ug/l 100
25) 2-Butanone	4.67	43	385874	265.840	ug/l 100
26) 2,2-Dichloropropane	4.59	77	80271	29.505	ug/l 94
27) cis-1,2-Dichloroethene	4.59	96	122055	53.803	ug/l 98
28) Bromochloromethane	5.01	49	73719	49.232	ug/l 96
29) Tetrahydrofuran	5.13	42	256257	285.020	ug/l 98
30) Chloroform	5.21	83	188111	55.824	ug/l 100
31) Cyclohexane	5.58	56	149226	52.324	ug/l 98
32) 1,1,1-Trichloroethane	5.50	97	161957	54.432	ug/l 99
36) 1,1-Dichloropropene	5.80	75	130111	50.170	ug/l 98
37) Ethyl Acetate	4.83	43	148479	55.653	ug/l 99
38) Carbon Tetrachloride	5.79	117	142244	50.652	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160548	47.096	ug/l	98
40) Benzene	6.14	78	422282	52.265	ug/l	99
41) Methacrylonitrile	5.04	41	81283	55.526	ug/l	98
42) 1,2-Dichloroethane	6.19	62	141061	57.355	ug/l	98
43) Isopropyl Acetate	6.44	43	240973	54.592	ug/l	98
44) Trichloroethene	7.21	130	119948	49.614	ug/l	99
45) 1,2-Dichloropropane	7.51	63	107113	52.498	ug/l	99
46) Dibromomethane	7.66	93	77432	52.895	ug/l	98
47) Bromodichloromethane	7.90	83	140935	52.534	ug/l	99
48) Methyl methacrylate	7.77	41	116160	56.615	ug/l	97
49) 1,4-Dioxane	7.74	88	59591	1008.219	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	792794	280.825	ug/l	98
52) Toluene	8.78	92	272526	51.220	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	142856	47.496	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158309	48.434	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116100	52.908	ug/l	99
56) Ethyl methacrylate	9.18	69	180178	54.202	ug/l	97
57) 1,3-Dichloropropane	9.37	76	179406	52.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	378762	239.913	ug/l	99
59) 2-Hexanone	9.49	43	612317	275.586	ug/l	97
60) Dibromochloromethane	9.58	129	125109	50.920	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125474	52.975	ug/l	100
64) Tetrachloroethene	9.34	164	117217	48.503	ug/l	97
65) Chlorobenzene	10.14	112	309805	51.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115088	52.087	ug/l	100
67) Ethyl Benzene	10.25	91	521886	50.962	ug/l	99
68) m/p-Xylenes	10.36	106	409100	103.099	ug/l	99
69) o-Xylene	10.69	106	199102	51.023	ug/l	97
70) Styrene	10.71	104	346114	52.889	ug/l	99
71) Bromoform	10.85	173	96464	50.203	ug/l #	100
73) Isopropylbenzene	11.02	105	529304	49.244	ug/l	98
74) N-amyl acetate	10.90	43	218103	53.692	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183183	51.461	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	148141m	51.270	ug/l	
77) Bromobenzene	11.26	156	148286	49.407	ug/l	98
78) n-propylbenzene	11.36	91	583782	49.418	ug/l	99
79) 2-Chlorotoluene	11.42	91	350718	49.857	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	446368	50.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47291	38.182	ug/l	93
82) 4-Chlorotoluene	11.51	91	404195	50.496	ug/l	100
83) tert-Butylbenzene	11.77	119	440433	49.523	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	452583	50.838	ug/l	99
85) sec-Butylbenzene	11.94	105	513445	49.170	ug/l	100
86) p-Isopropyltoluene	12.06	119	476928	49.378	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255754	48.818	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	254999	47.810	ug/l	99
89) n-Butylbenzene	12.38	91	400740	48.826	ug/l	99
90) Hexachloroethane	12.60	117	78311	46.889	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	255905	49.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38516	50.185	ug/l	92

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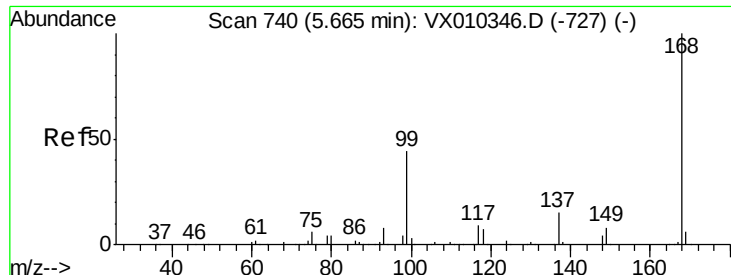
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	172649	47.814	ug/l	100
94) Hexachlorobutadiene	13.78	225	79642	45.129	ug/l	98
95) Naphthalene	13.83	128	565630	50.974	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	179131	49.895	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 210586

Ion Ratio Lower Upper

168 100

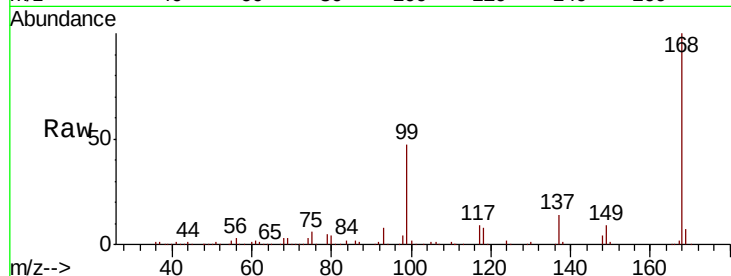
99 46.3 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

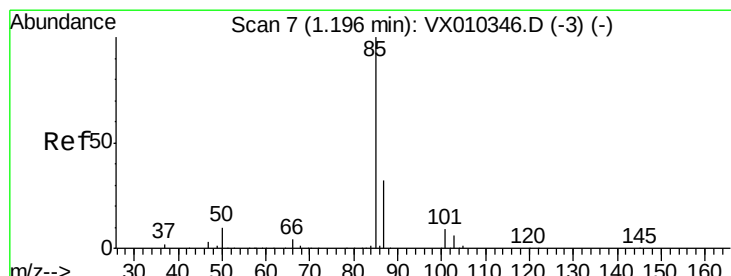
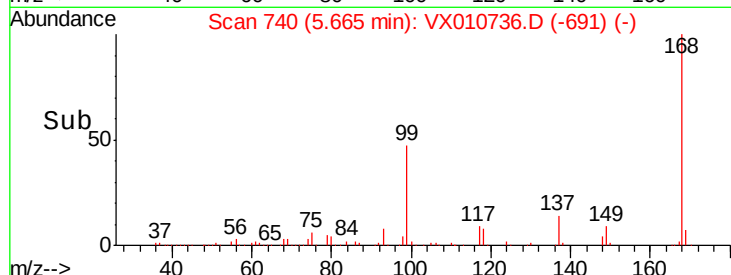
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 59.945 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010736.D

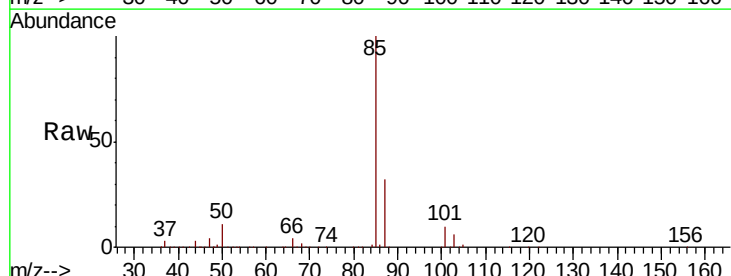
Acq: 09 Jul 2019 07:47

Tgt Ion: 85 Resp: 87762

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

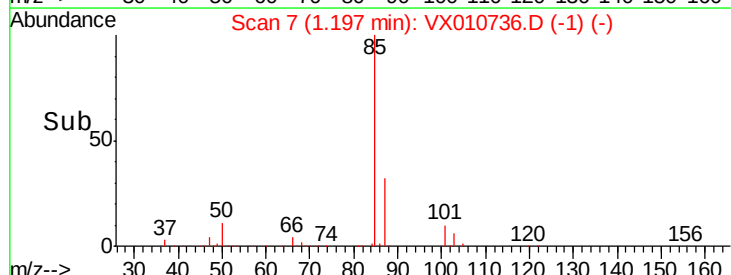
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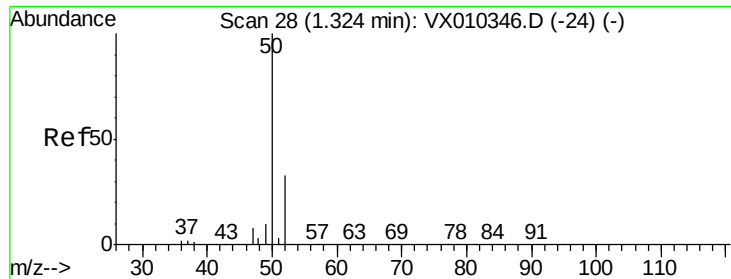
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0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 55.931 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 95351

Ion Ratio Lower Upper

50 100

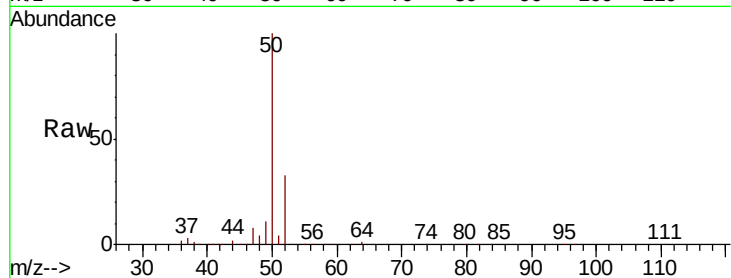
52 33.1 26.5 39.7

Manual Integrations

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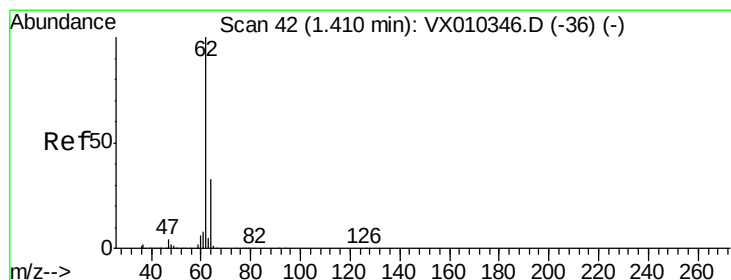
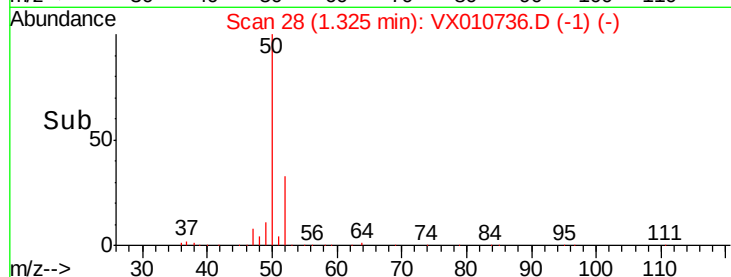
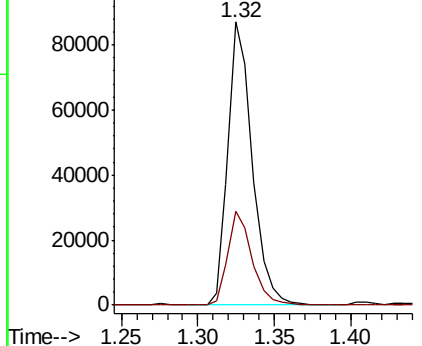
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.943 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010736.D

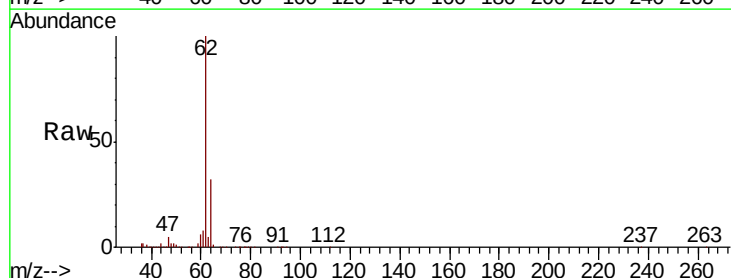
Acq: 09 Jul 2019 07:47

Tgt Ion: 62 Resp: 102593

Ion Ratio Lower Upper

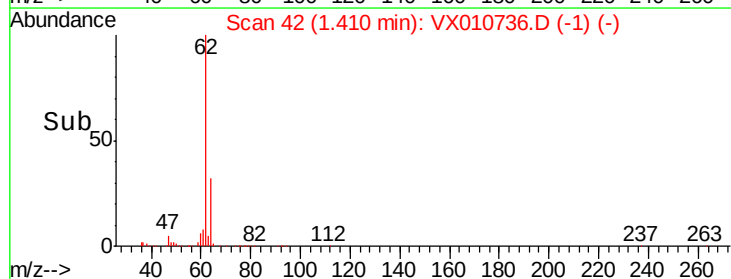
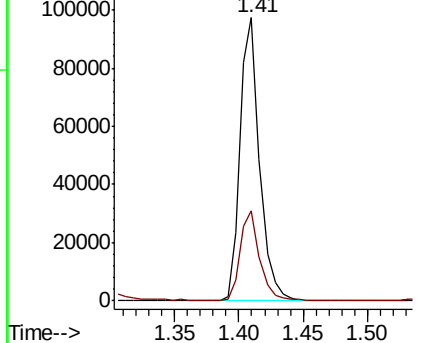
62 100

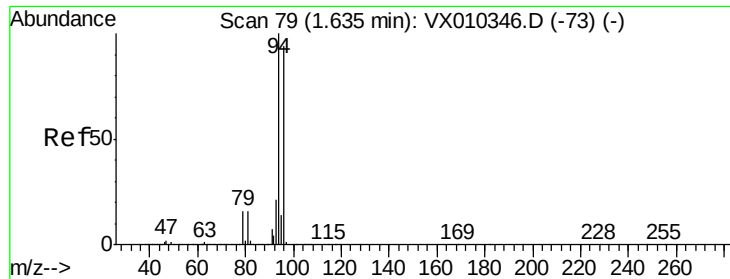
64 31.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.530 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 53245

Ion Ratio Lower Upper

94 100

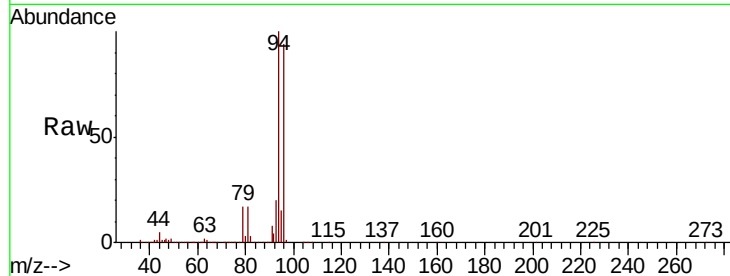
96 94.0 75.5 113.3

Manual Integrations

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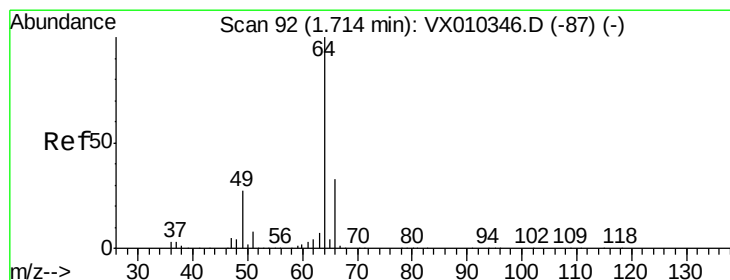
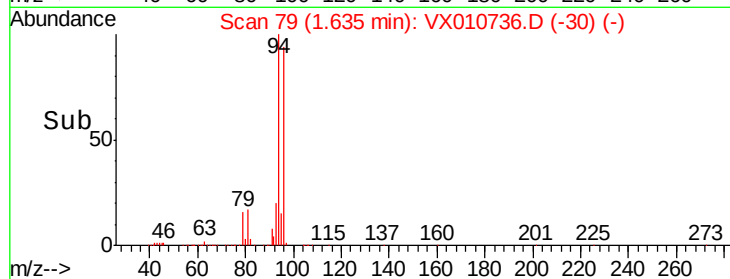
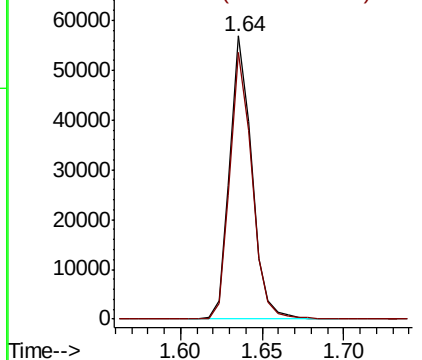
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.104 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010736.D

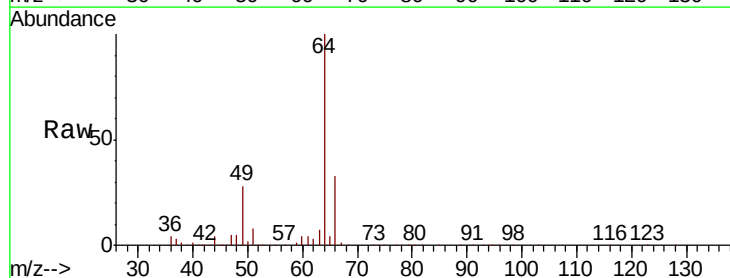
Acq: 09 Jul 2019 07:47

Tgt Ion: 64 Resp: 64010

Ion Ratio Lower Upper

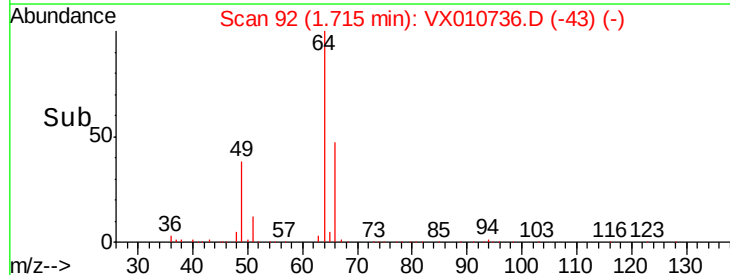
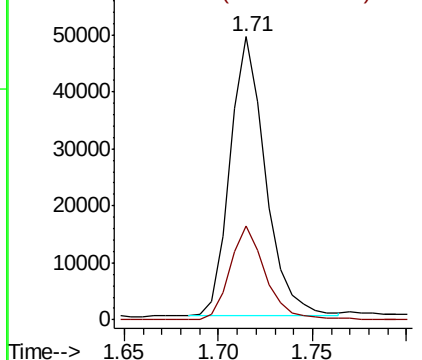
64 100

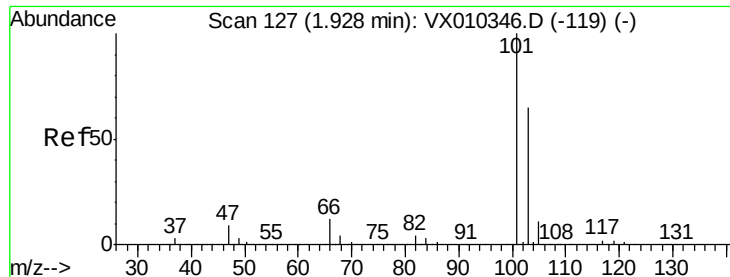
66 33.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

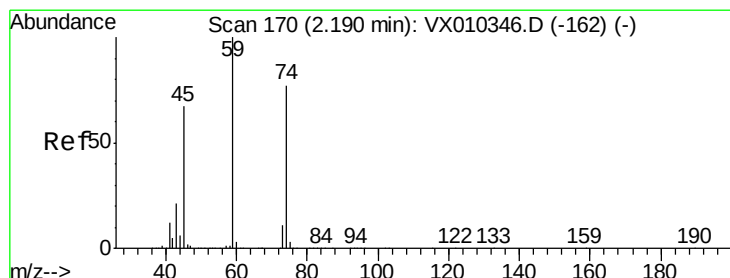
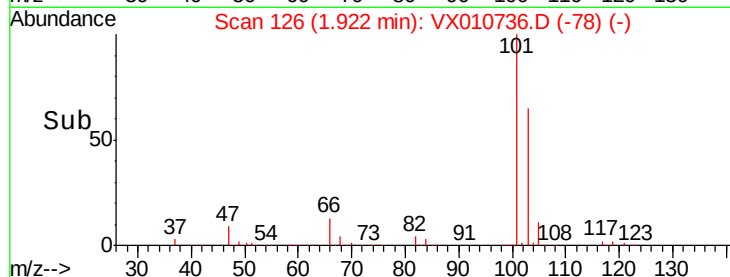
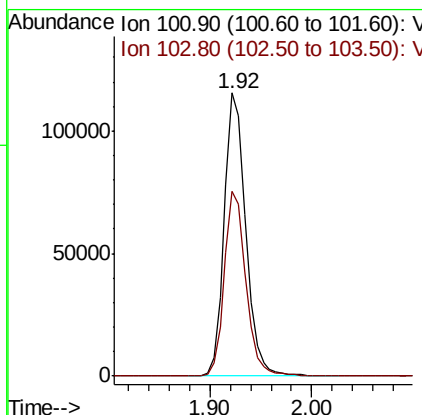
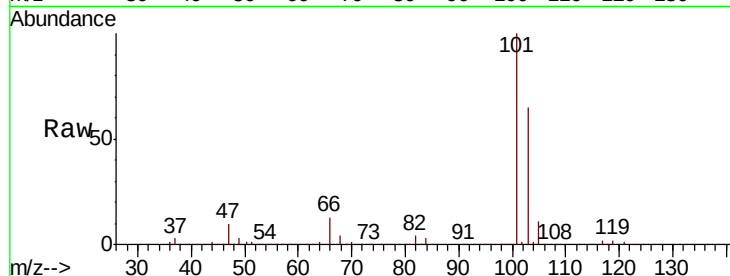
Trichlorofluoromethane
Concen: 57.229 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.3	78.5

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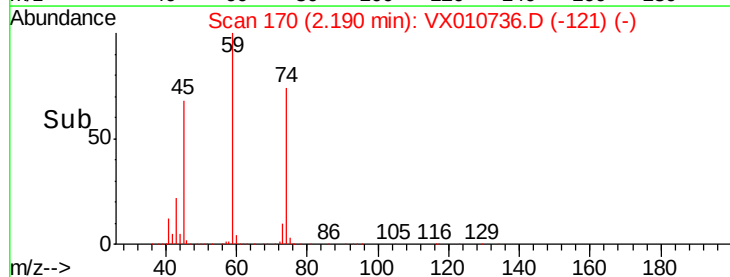
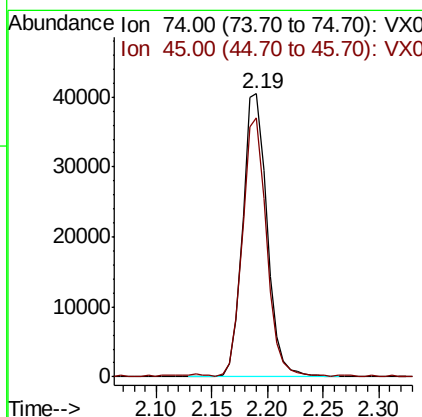
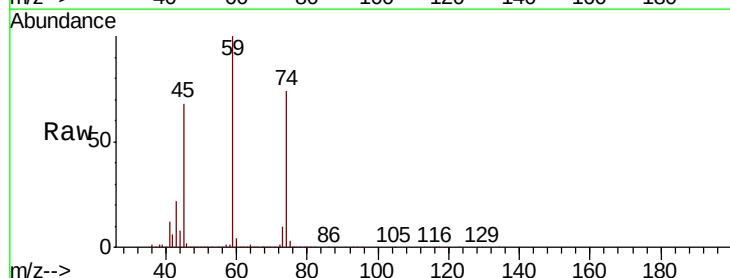
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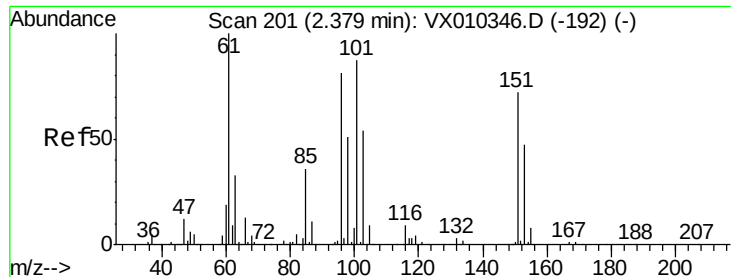


#8

Diethyl Ether
Concen: 58.101 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.343 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

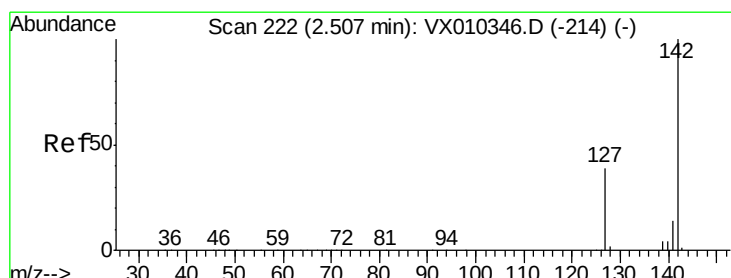
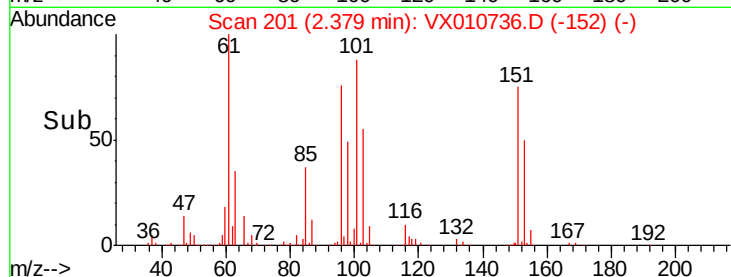
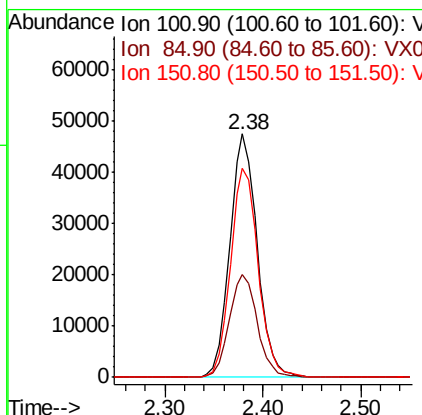
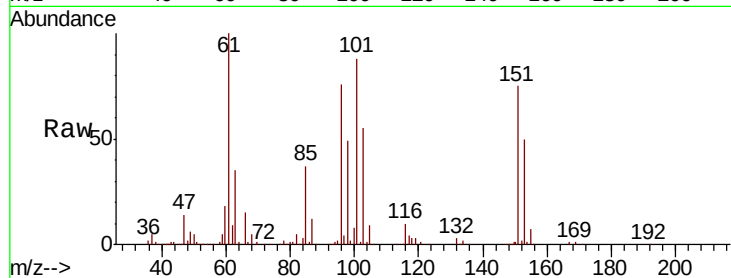
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	92100
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	86.9	70.1	105.1

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#10

Methyl Iodide

Concen: 49.061 ug/l

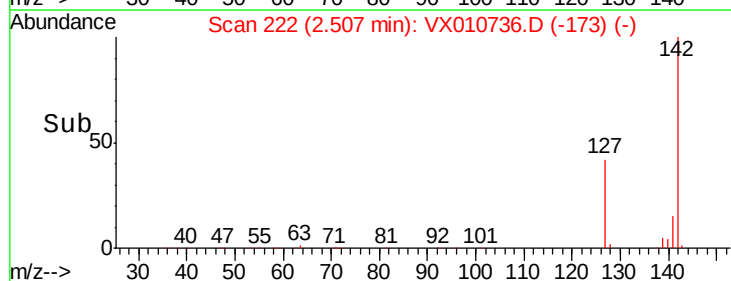
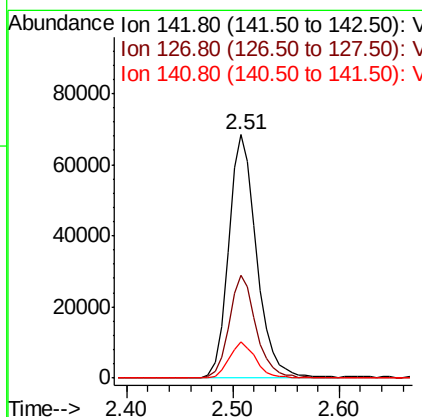
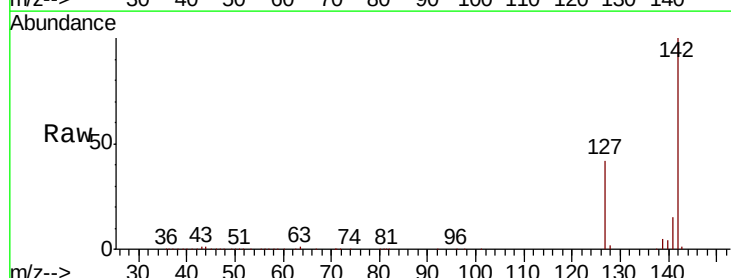
RT: 2.51 min Scan# 222

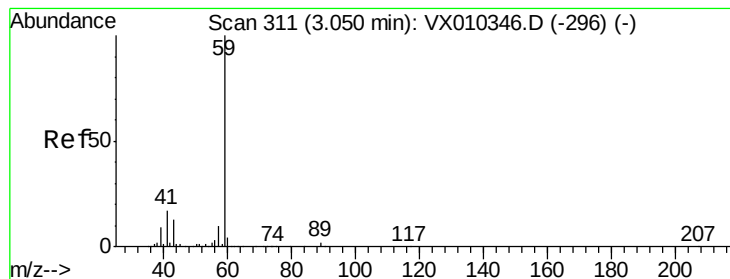
Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Tgt Ion:	142	Resp:	125597
Ion Ratio	Lower	Upper	
142	100		
127	40.9	31.1	46.7
141	14.2	11.2	16.8





#11

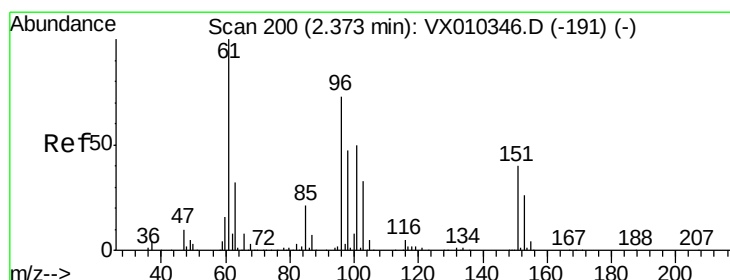
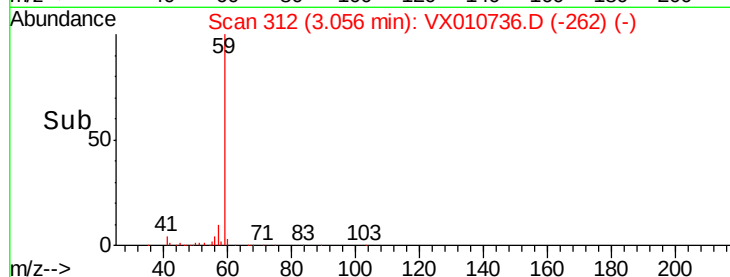
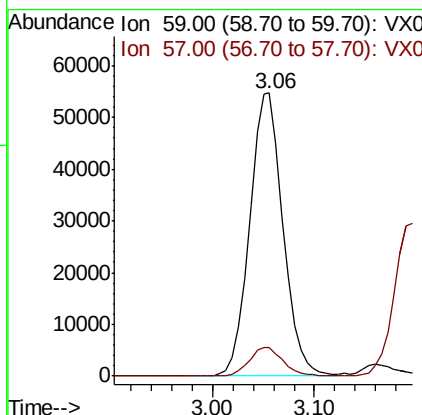
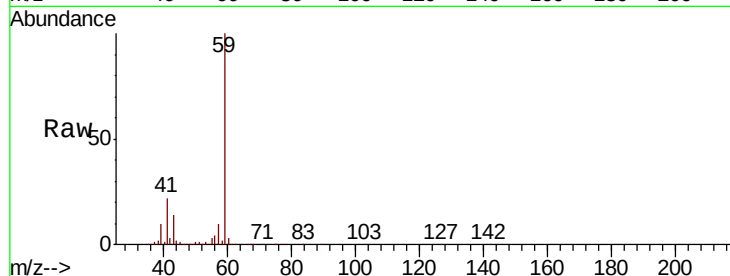
Tert butyl alcohol
Concen: 240.542 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 124276
Ion Ratio Lower Upper
59 100
57 10.4 7.7 11.5

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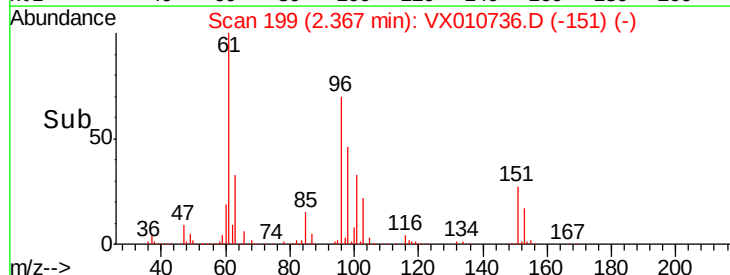
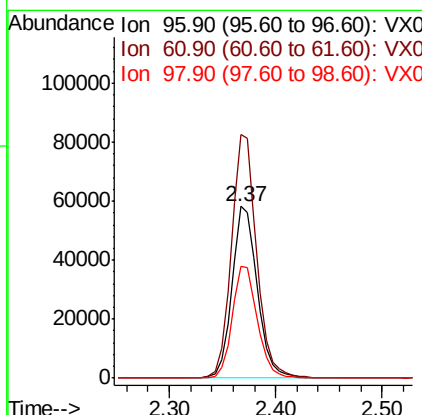
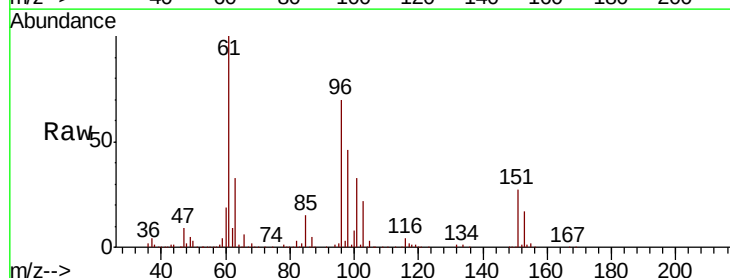
MMDadoda
7/9/2019 11:24:26 AM

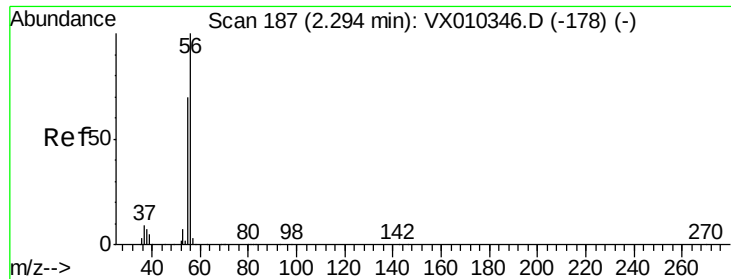


#12

1,1-Dichloroethene
Concen: 53.370 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 96 Resp: 97417
Ion Ratio Lower Upper
96 100
61 141.9 109.2 163.8
98 64.9 51.1 76.7





#13

Acrolein

Concen: 194.472 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 66652

Ion Ratio Lower Upper

56 100

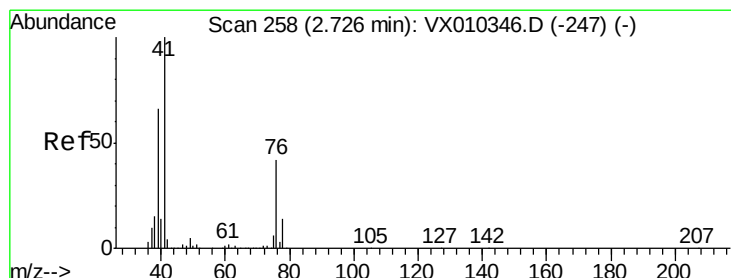
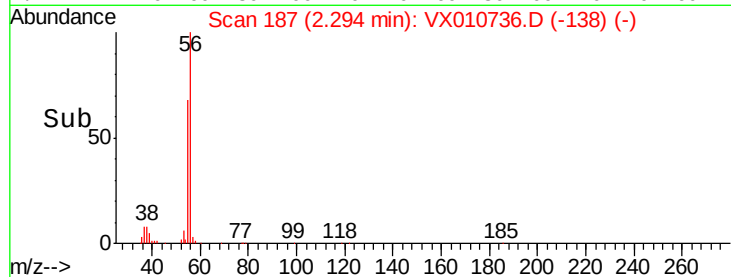
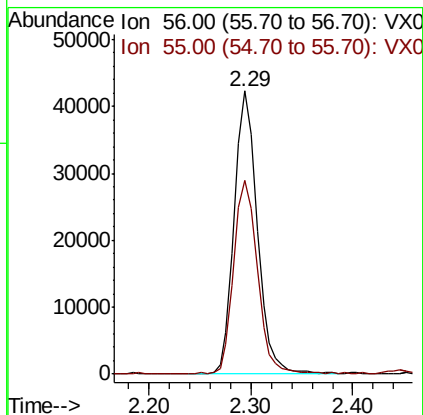
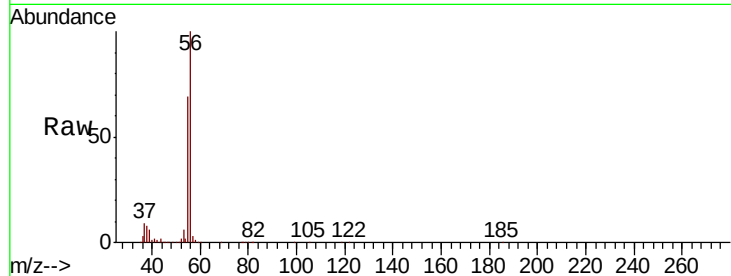
55 70.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 53.888 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

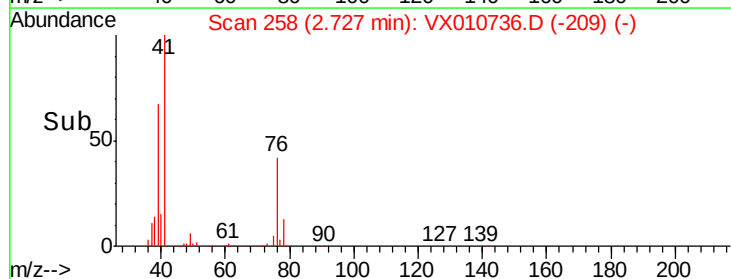
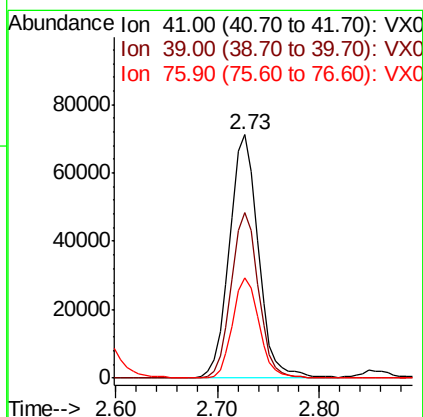
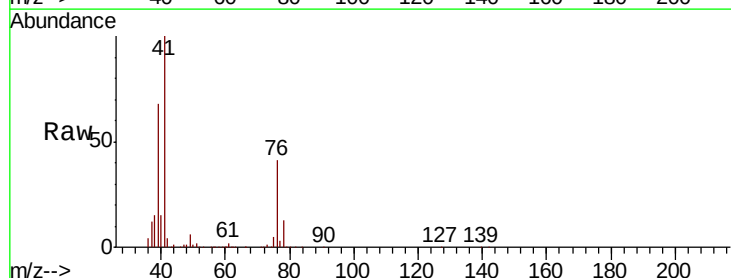
Tgt Ion: 41 Resp: 139646

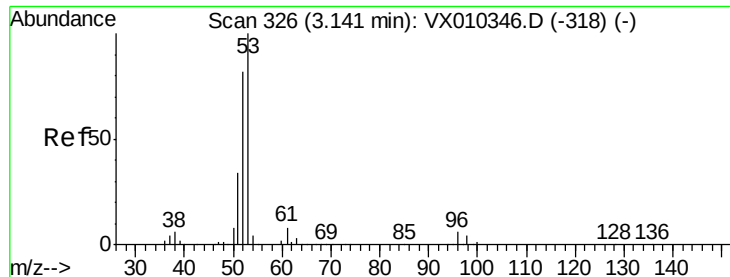
Ion Ratio Lower Upper

41 100

39 63.8 50.3 75.5

76 37.5 31.3 46.9





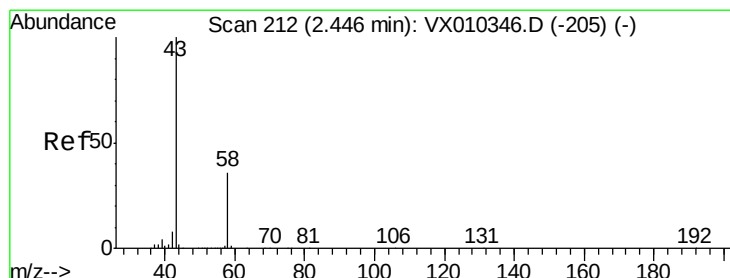
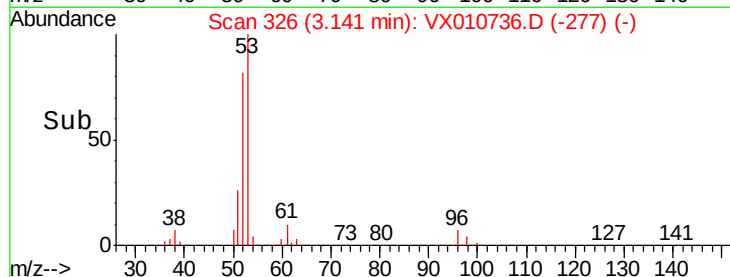
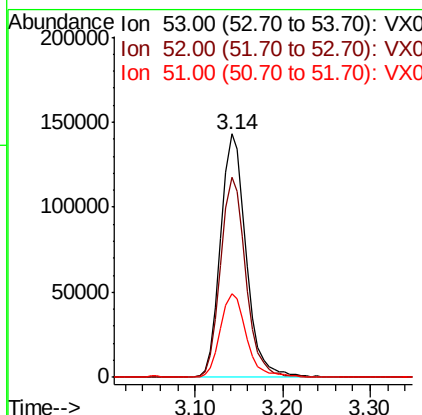
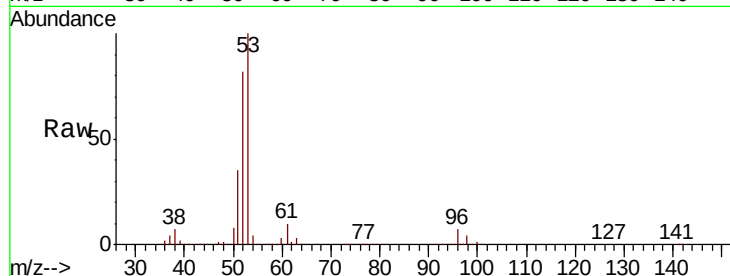
#15
 Acrylonitrile
 Concen: 282.308 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	53	Resp:	288775
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.5	98.3
51	35.6	28.2	42.4

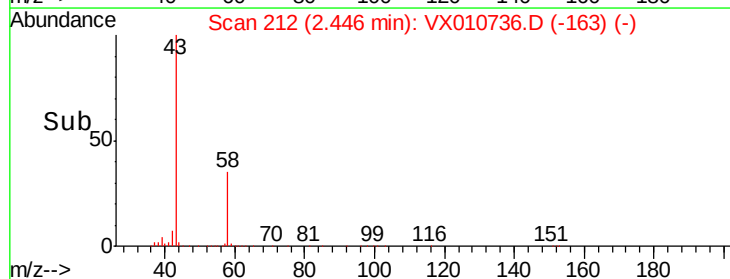
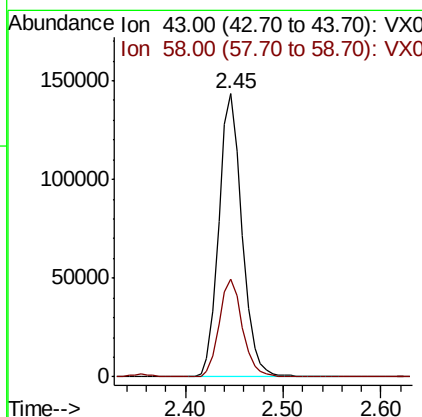
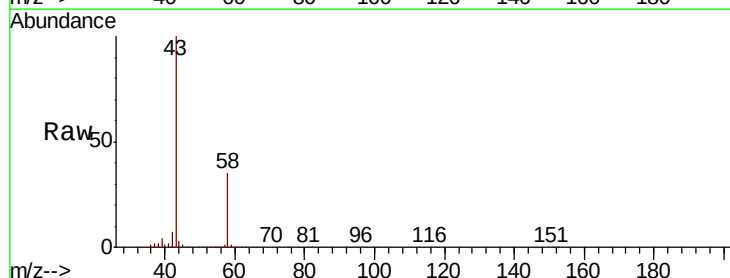
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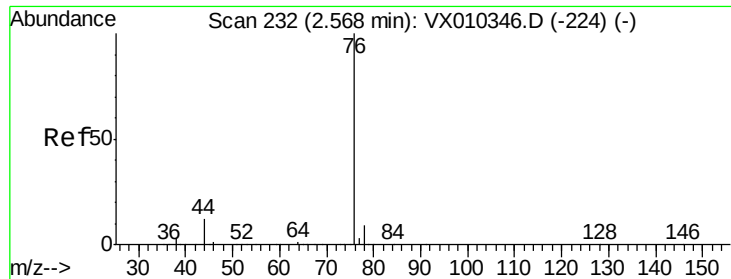
MMDadoda
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#16
 Acetone
 Concen: 238.183 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion:	43	Resp:	235691
Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.9	43.3





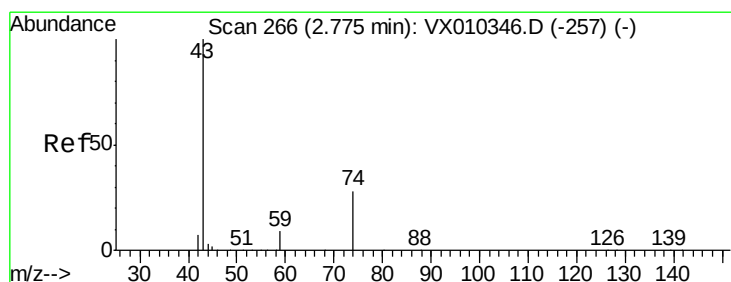
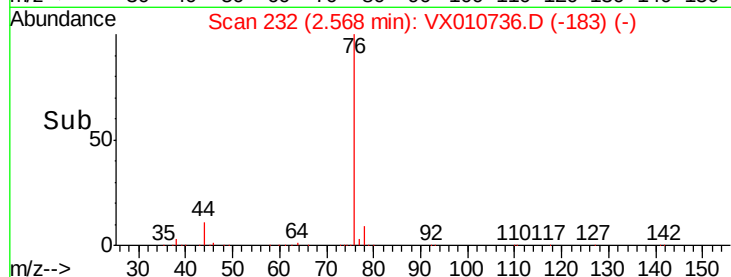
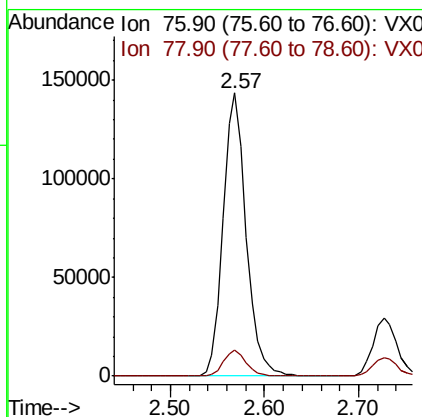
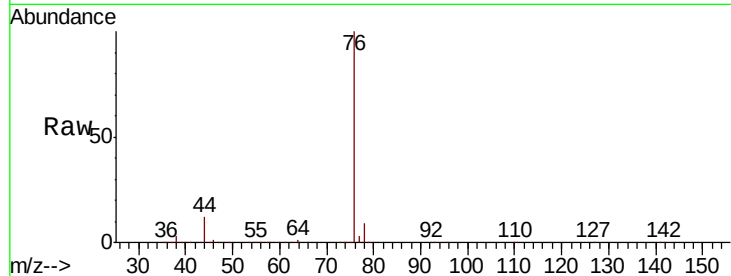
#17
Carbon Disulfide
Concen: 49.680 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 243285
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

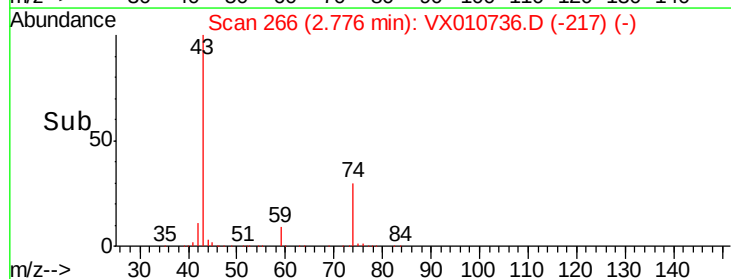
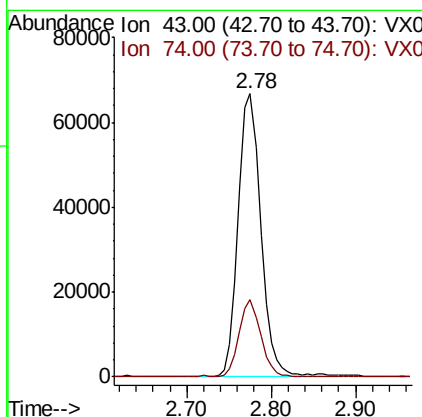
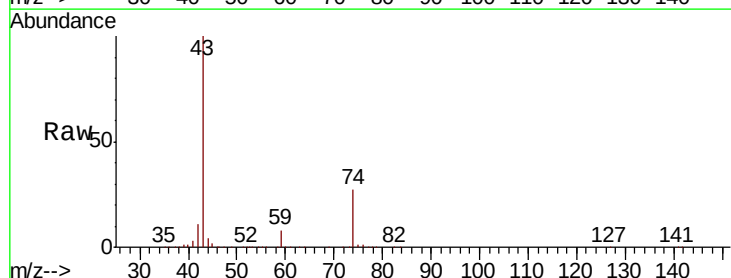
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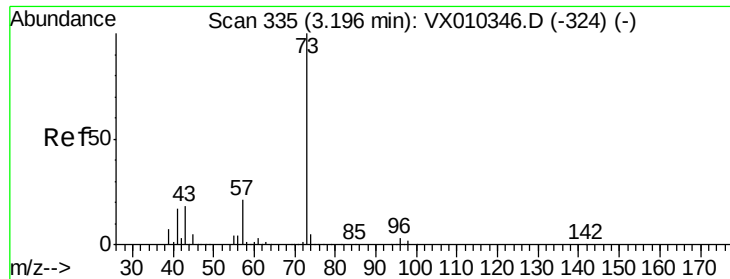
MMDadoda
7/9/2019 11:24:26 AM



#18
Methyl Acetate
Concen: 61.574 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 43 Resp: 121436
Ion Ratio Lower Upper
43 100
74 25.6 21.3 31.9





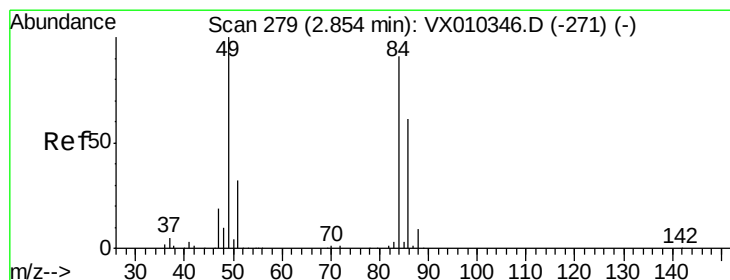
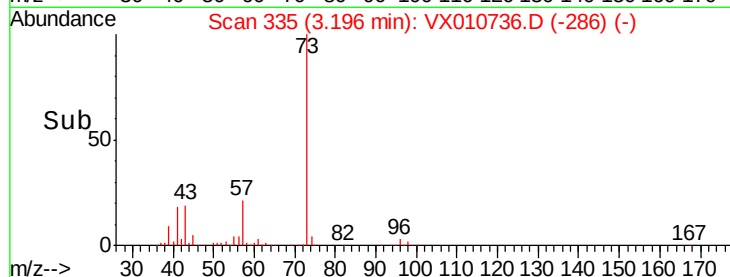
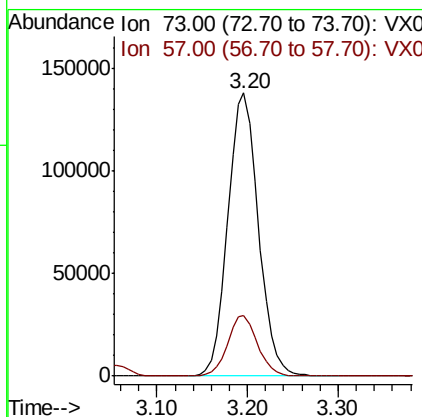
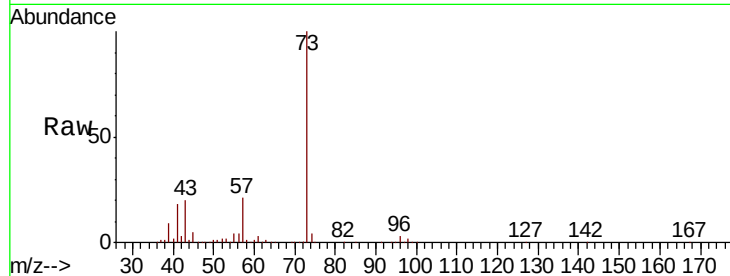
#19
Methyl tert-butyl Ether
Concen: 56.271 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.4	24.6

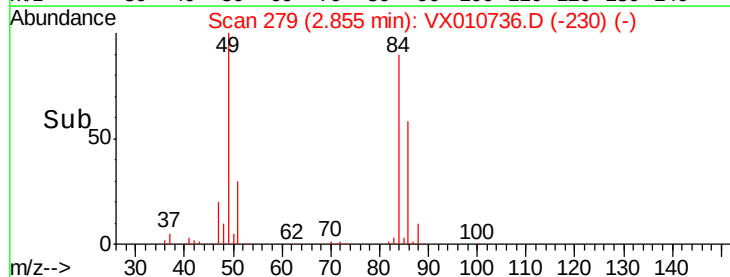
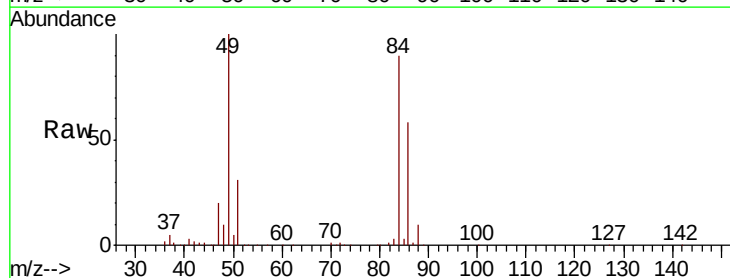
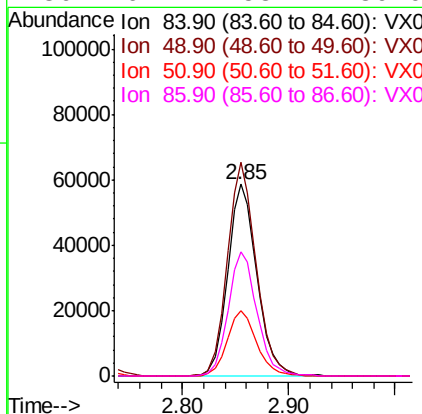
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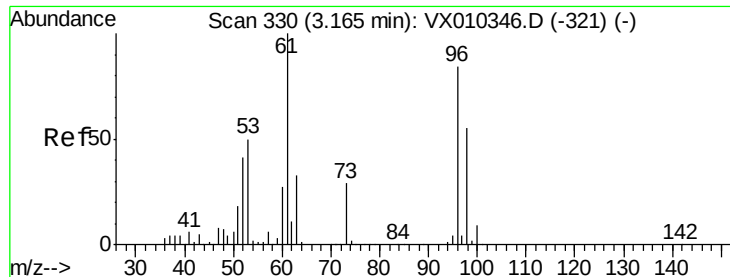
MMDadoda
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#20
Methylene Chloride
Concen: 55.289 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.4	87.5	131.3
51	33.9	27.7	41.5
86	64.7	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 52.718 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

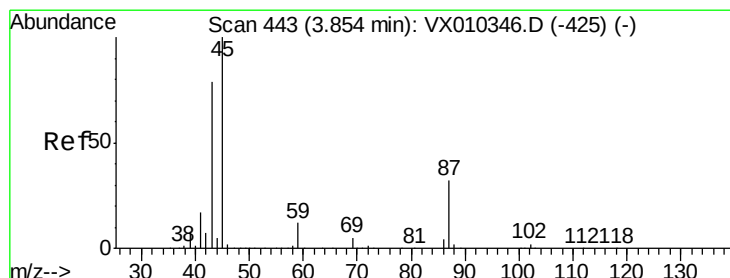
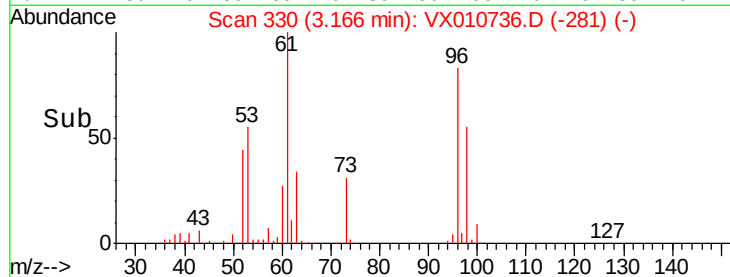
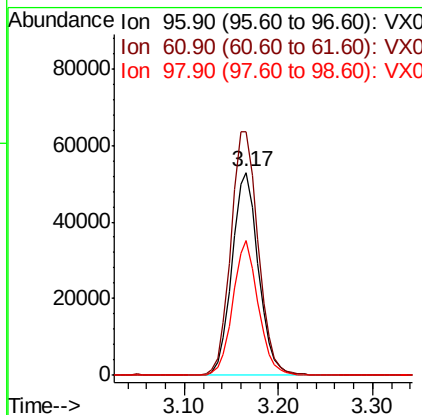
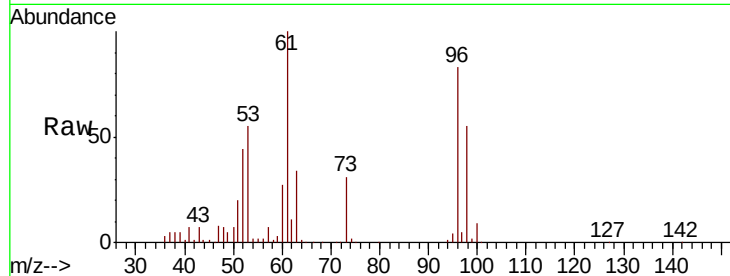
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	103493
Ion	Ratio	Lower	Upper
96	100		
61	120.0	95.6	143.4
98	66.3	52.5	78.7

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#22

Diisopropyl ether

Concen: 56.169 ug/l

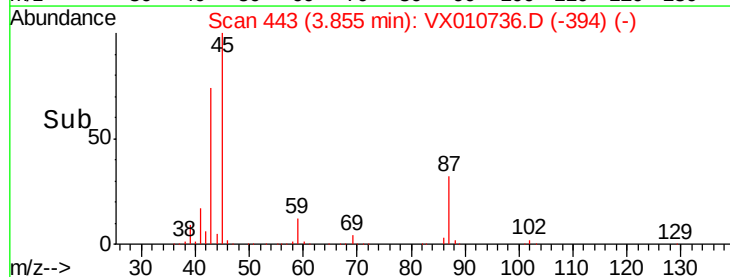
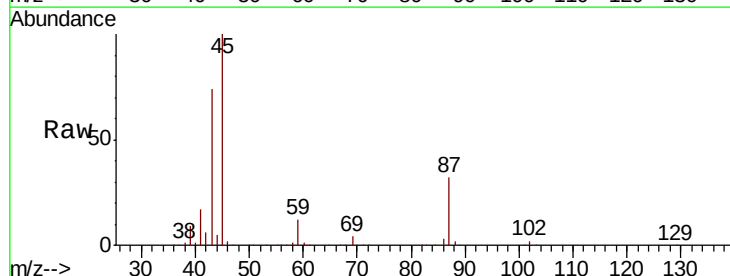
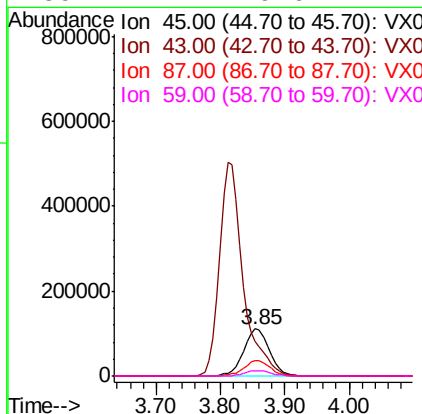
RT: 3.85 min Scan# 443

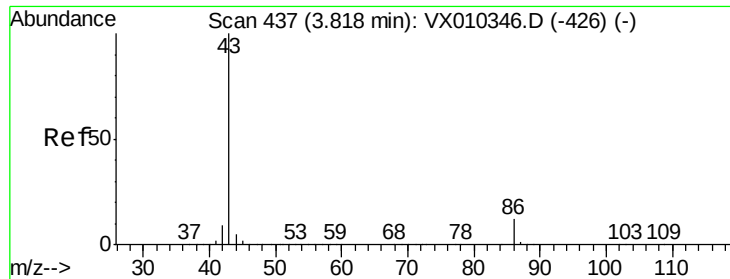
Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Tgt Ion:	45	Resp:	304329
Ion	Ratio	Lower	Upper
45	100		
43	74.0	63.3	94.9
87	32.0	25.8	38.8
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 278.977 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1305790

Ion Ratio Lower Upper

43 100

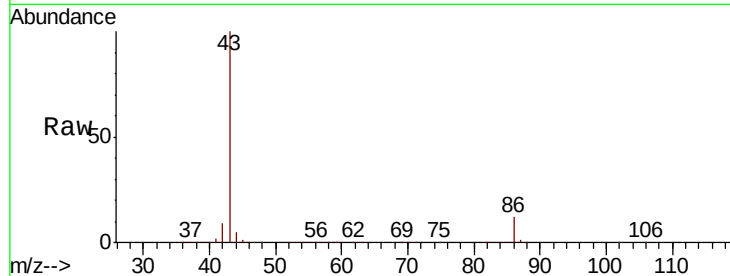
86 12.0 9.9 14.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

500000

400000

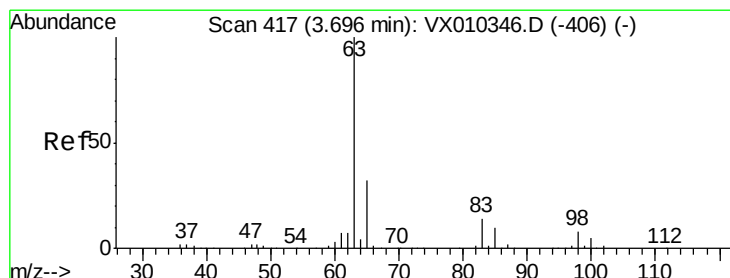
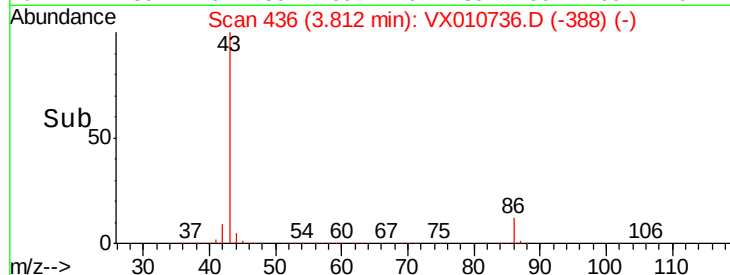
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.308 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

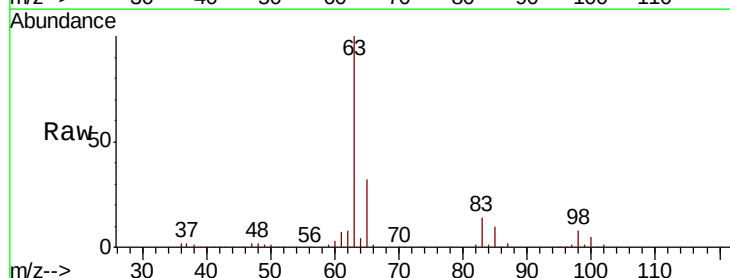
Tgt Ion: 63 Resp: 173215

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

100000

80000

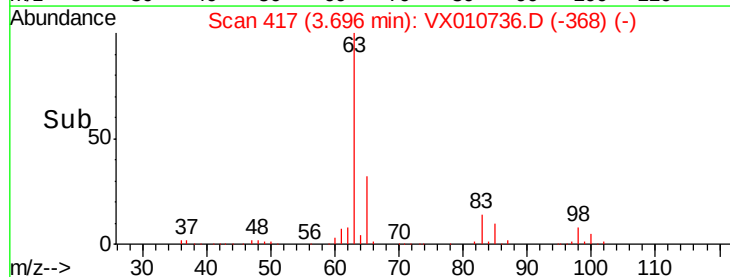
60000

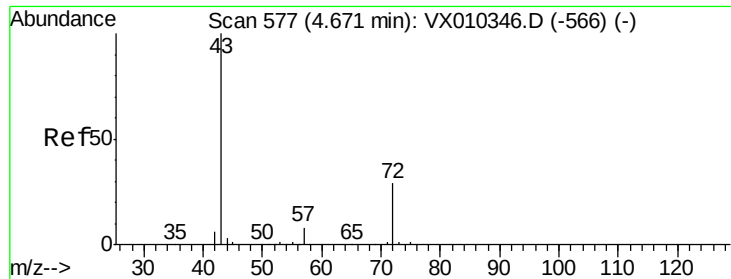
40000

20000

0

Time-->





#25

2-Butanone

Concen: 265.840 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 385874

Ion Ratio Lower Upper

43 100

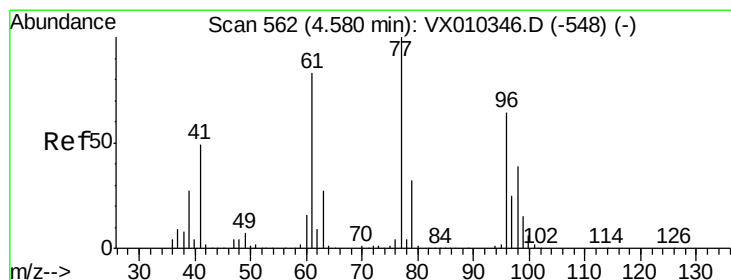
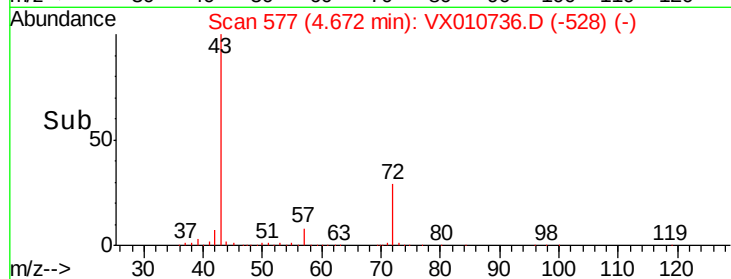
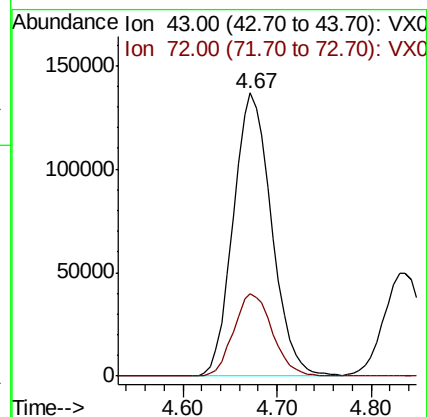
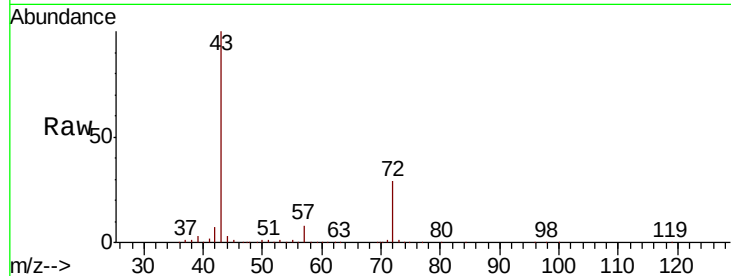
72 28.9 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 29.505 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010736.D

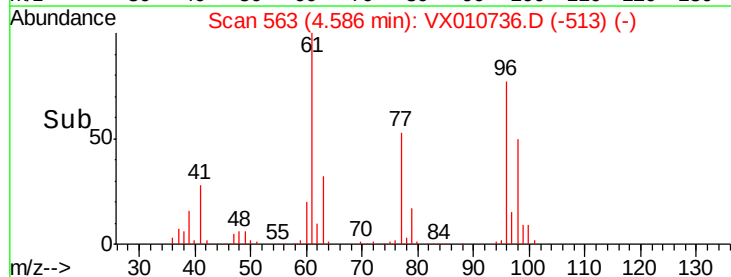
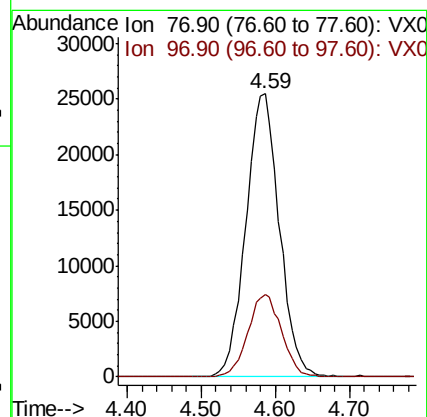
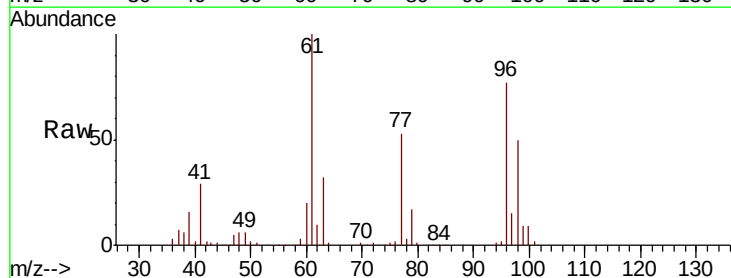
Acq: 09 Jul 2019 07:47

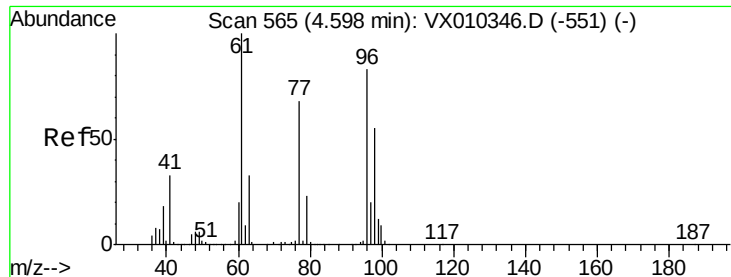
Tgt Ion: 77 Resp: 80271

Ion Ratio Lower Upper

77 100

97 29.1 13.1 39.3





#27

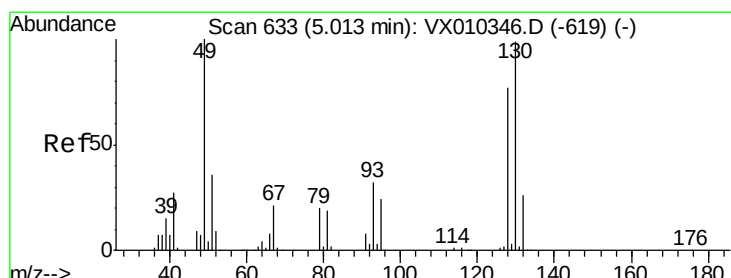
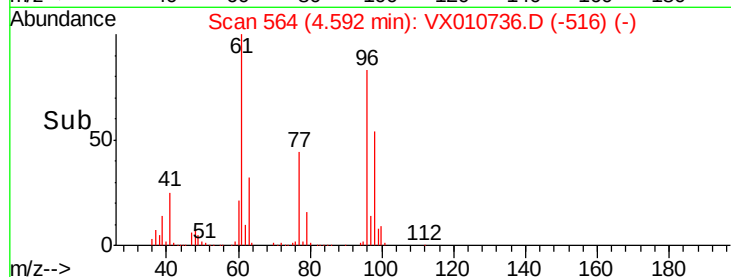
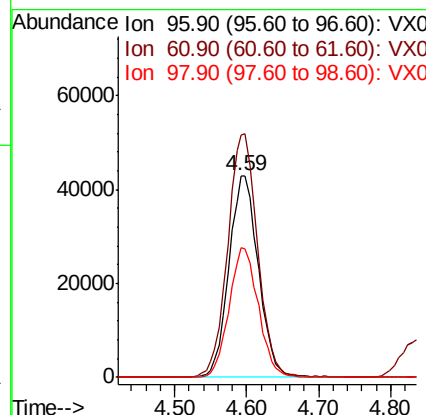
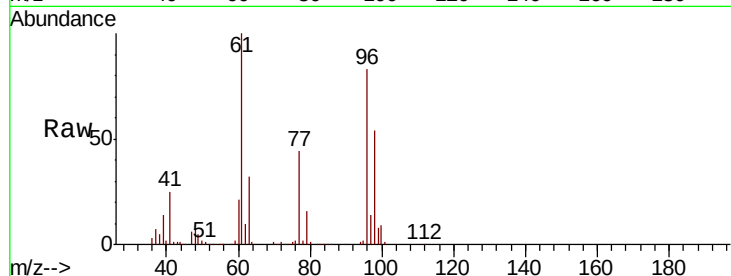
cis-1,2-Dichloroethene
 Concen: 53.803 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	122055		
61	122.5	0.0	251.8	
98	63.8	0.0	129.4	

Manual Integrations
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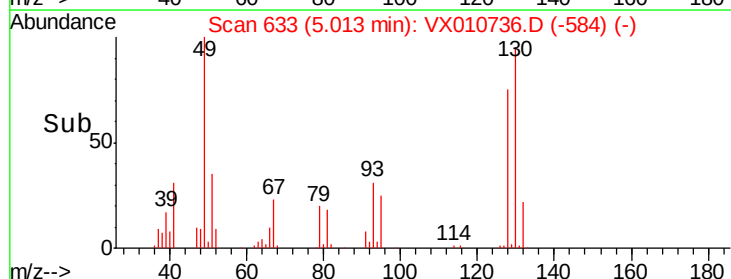
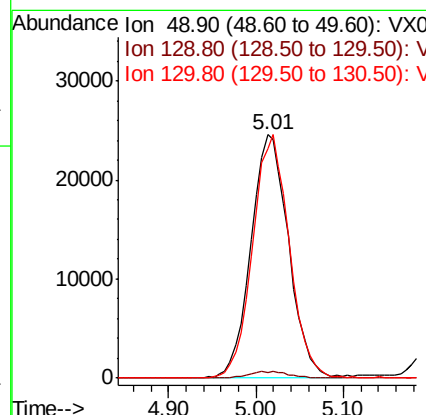
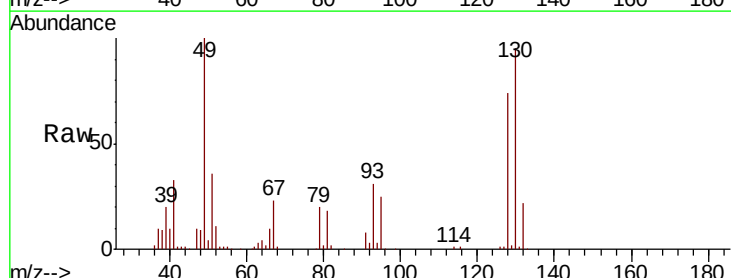
MMDadoda
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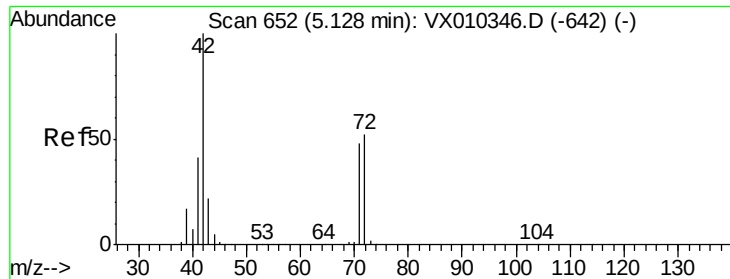


#28

Bromochloromethane
 Concen: 49.232 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73719		
129	2.8	0.0	5.6	
130	97.3	81.4	122.0	





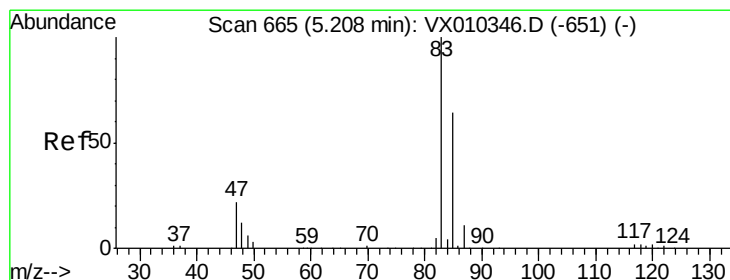
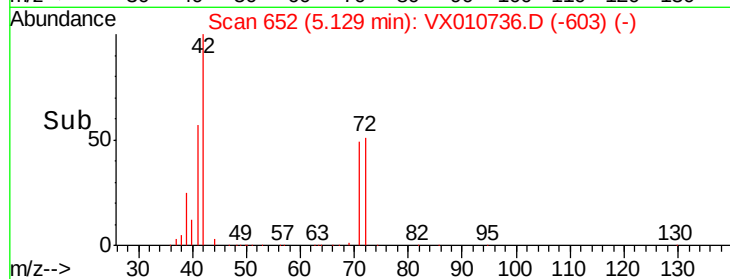
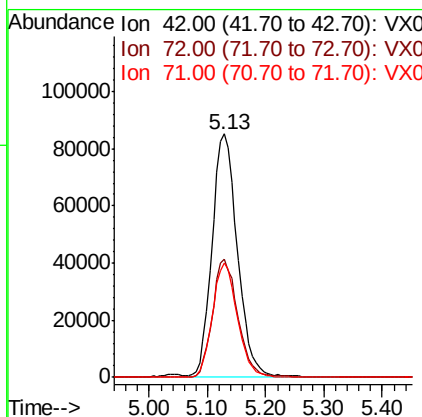
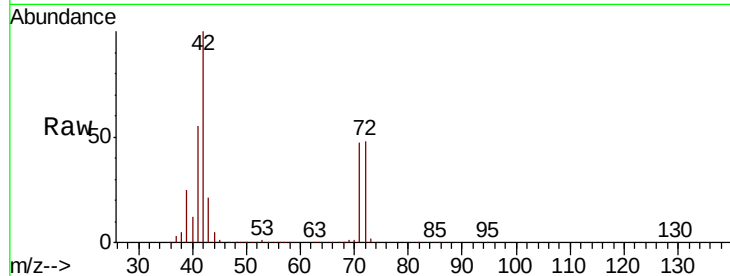
#29
Tetrahydrofuran
Concen: 285.020 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.8	40.6	60.8
71	46.2	37.8	56.8

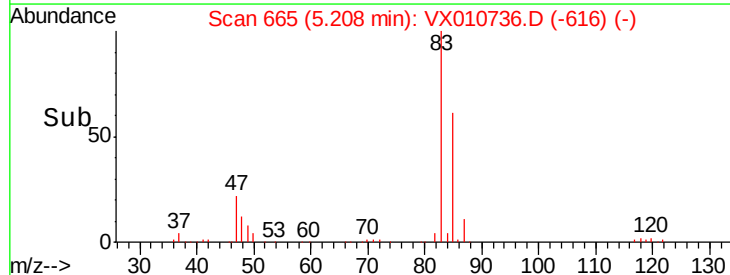
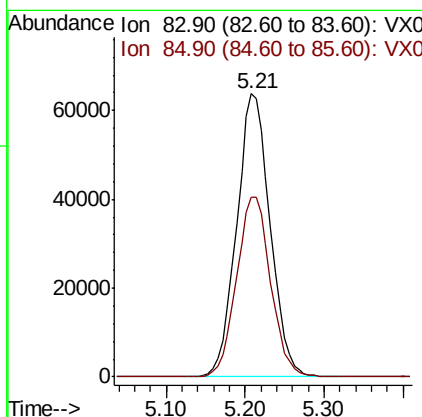
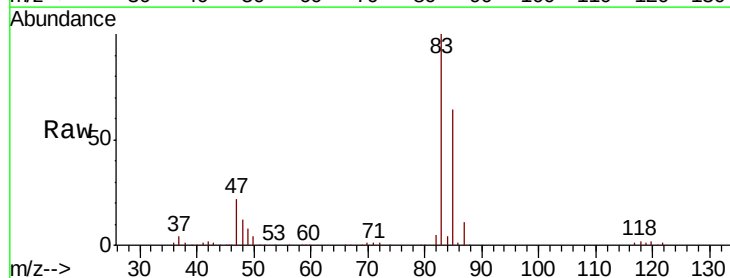
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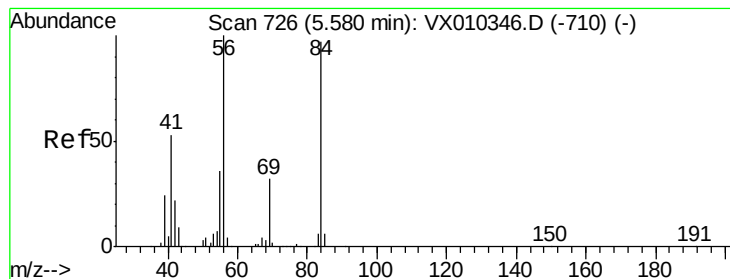
MMDadoda
7/9/2019 11:24:26 AM



#30
Chloroform
Concen: 55.824 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.9	76.3





#31

Cyclohexane

Concen: 52.324 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

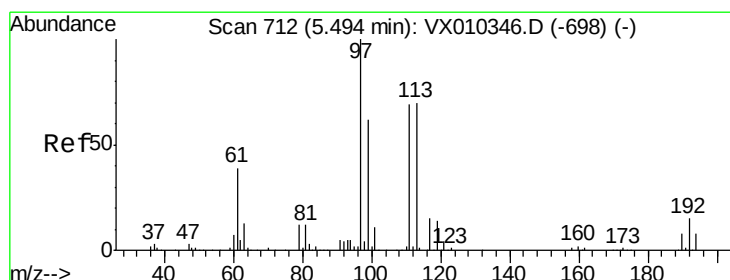
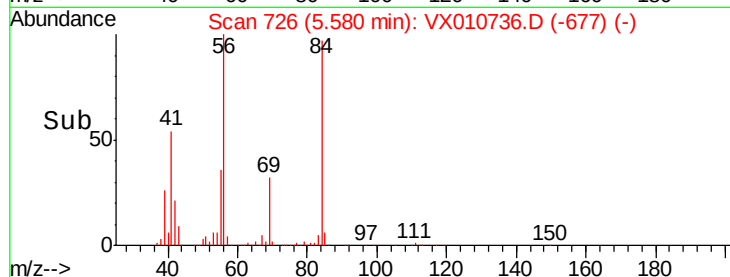
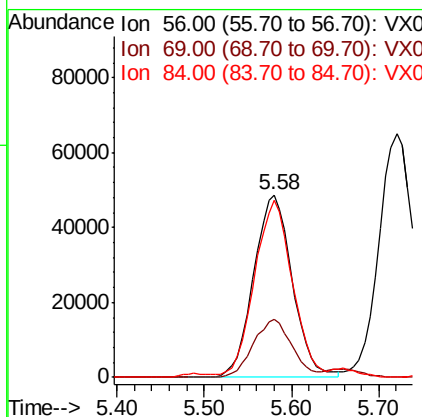
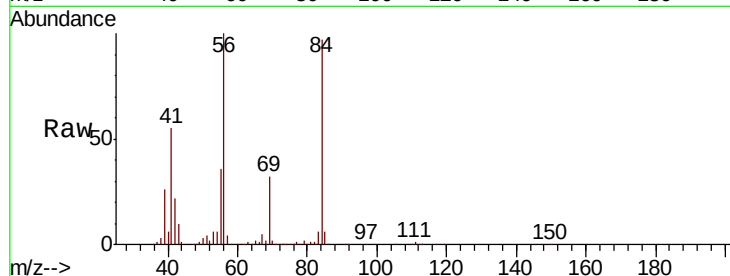
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	149226
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.9	38.9
84	95.7	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.432 ug/l

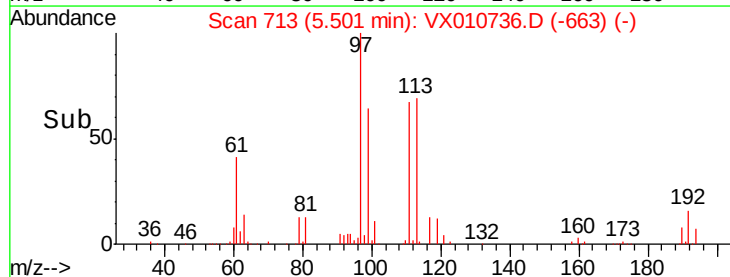
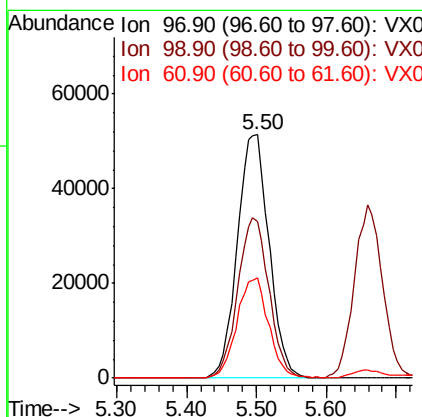
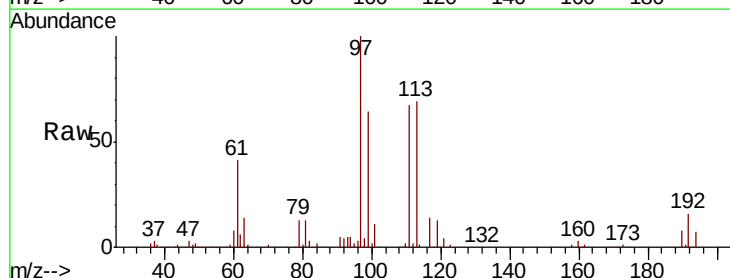
RT: 5.50 min Scan# 713

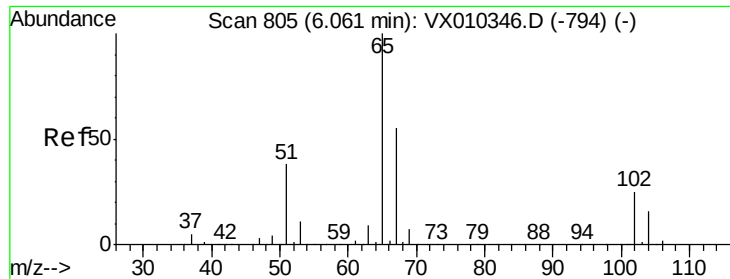
Delta R.T. 0.01 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Tgt Ion:	97	Resp:	161957
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.8
61	41.0	32.1	48.1





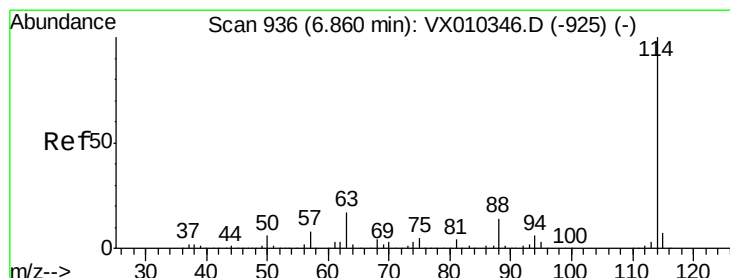
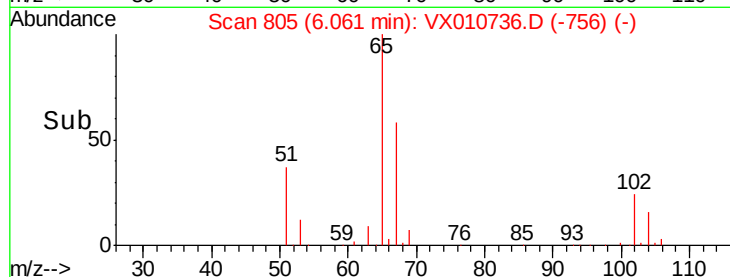
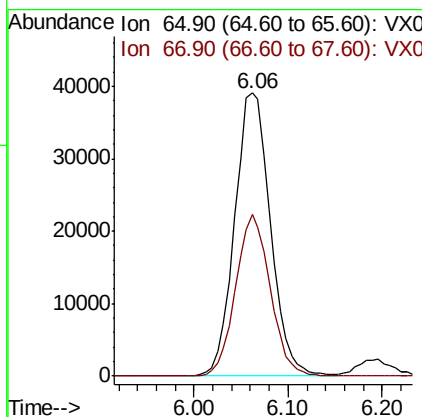
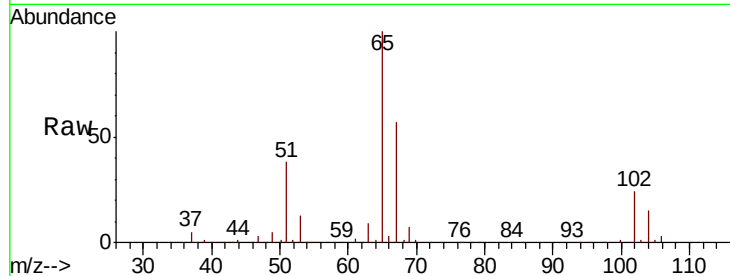
#33
 1,2-Dichloroethane-d4
 Concen: 52.701 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 104055
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.2

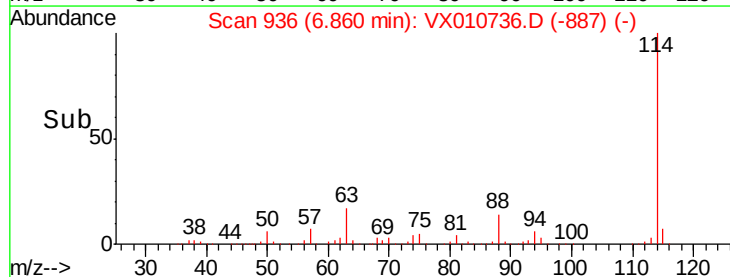
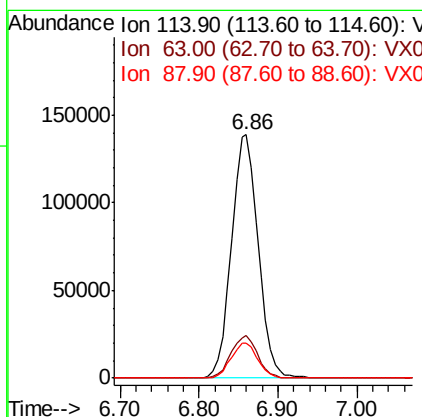
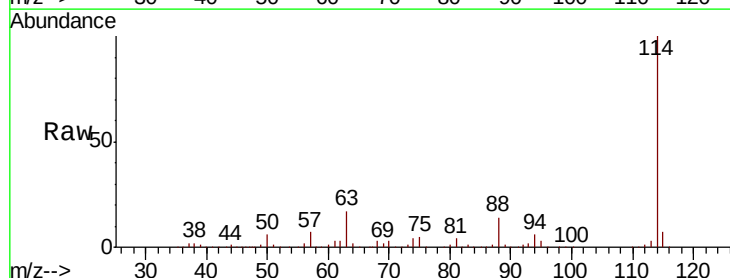
Manual Integrations
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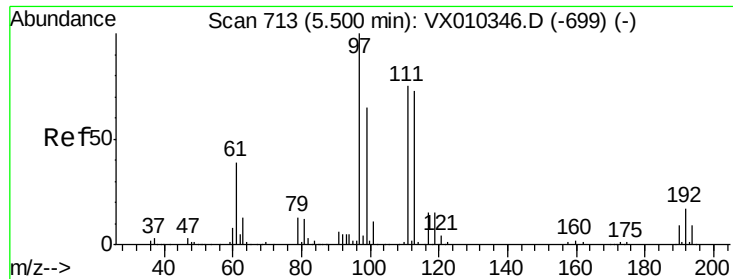
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 114 Resp: 326353
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.4 0.0 27.6





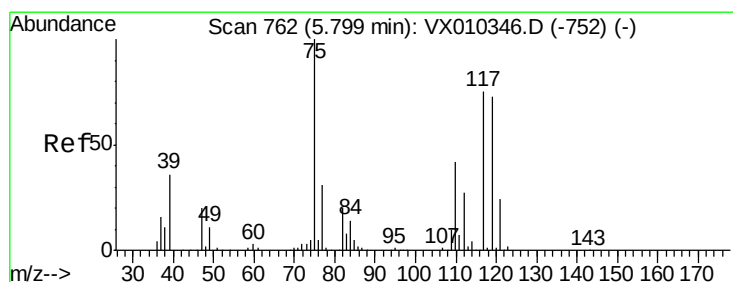
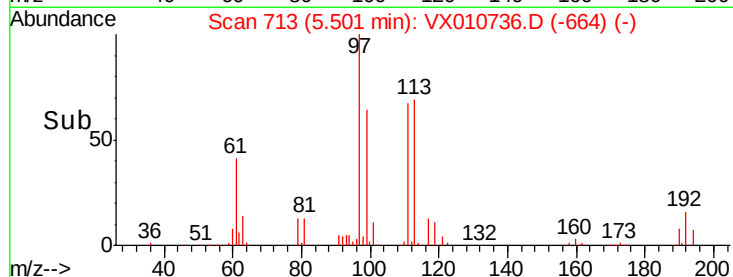
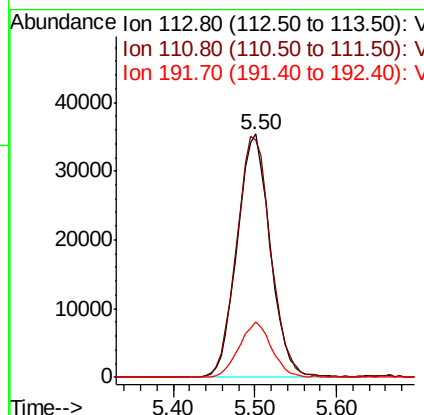
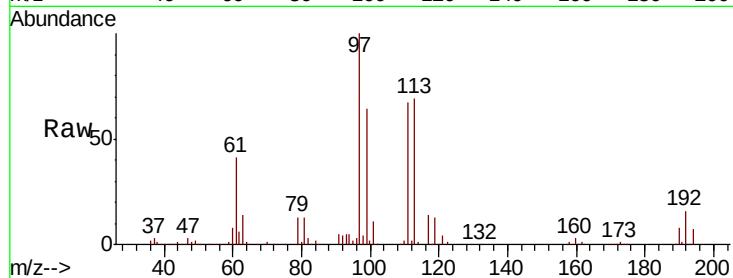
#35
Dibromofluoromethane
Concen: 49.868 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	99573		
111	102.1	81.2	121.8	
192	22.3	18.6	27.8	

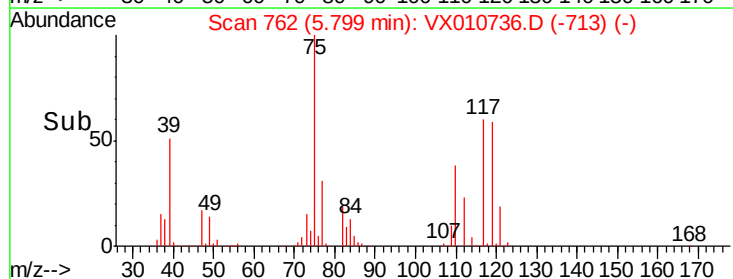
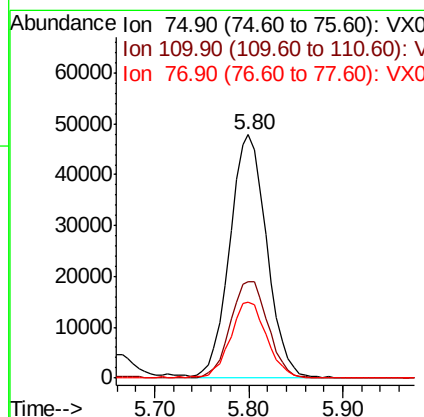
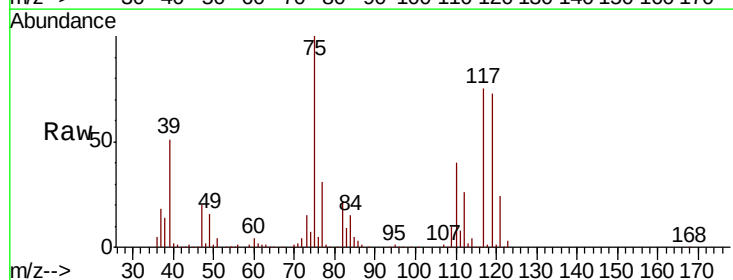
Manual Integrations
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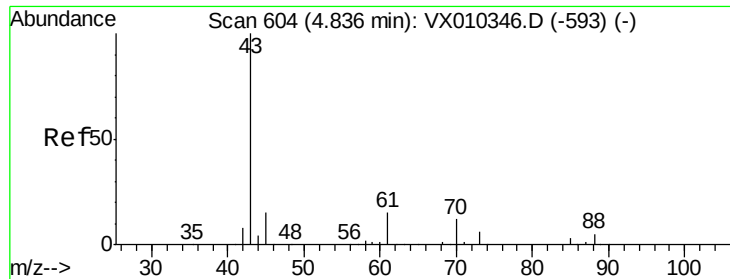
MMDadoda
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#36
1,1-Dichloropropene
Concen: 50.170 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130111		
110	40.8	20.8	62.2	
77	30.2	25.4	38.0	





#37

Ethyl Acetate

Concen: 55.653 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

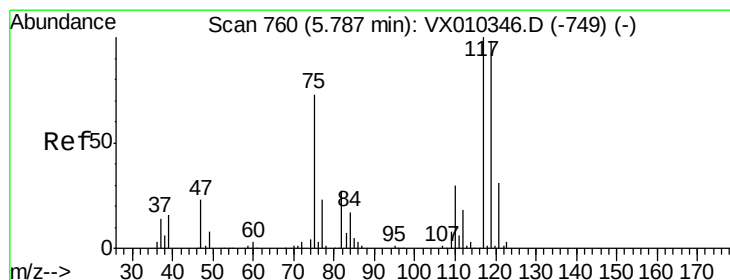
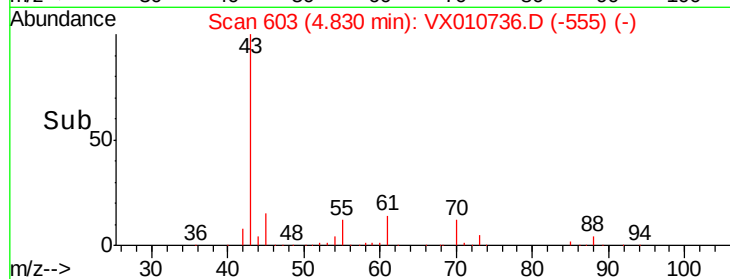
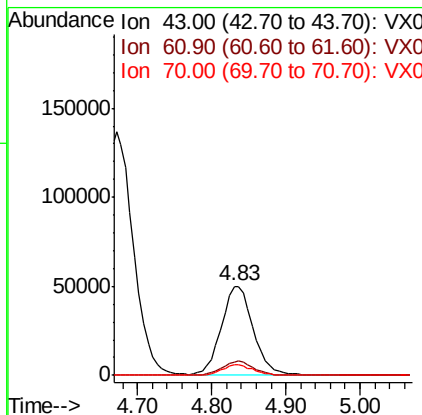
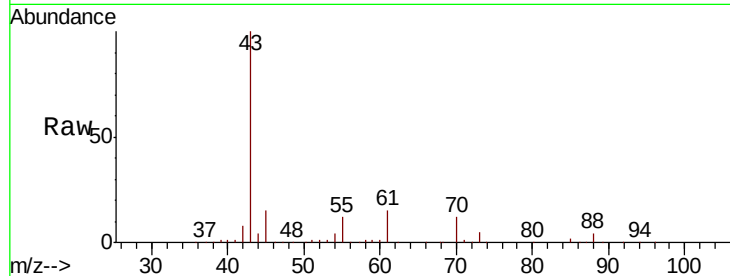
ClientSampled :

VSTDCCC050EC

Tgt Ion:	43	Resp:	148479
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.4	18.6
70	11.8	9.8	14.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 50.652 ug/l

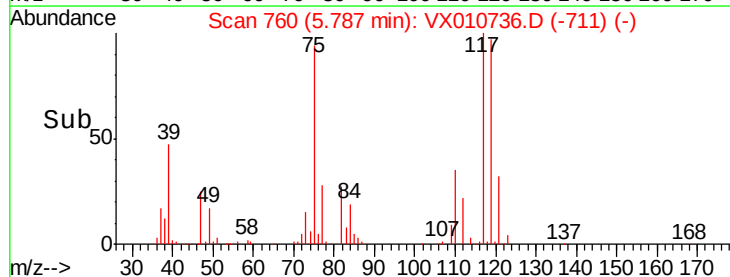
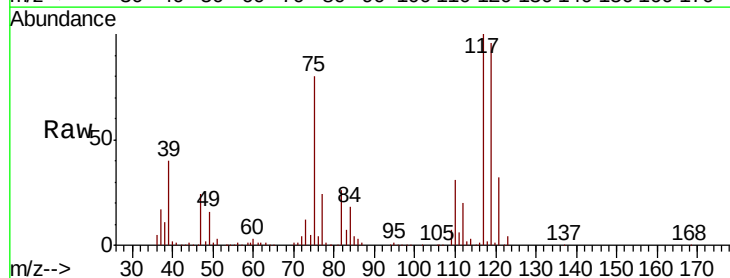
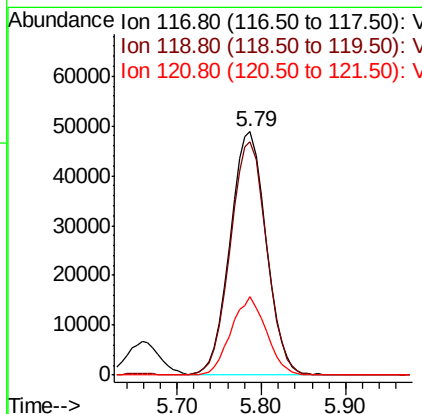
RT: 5.79 min Scan# 760

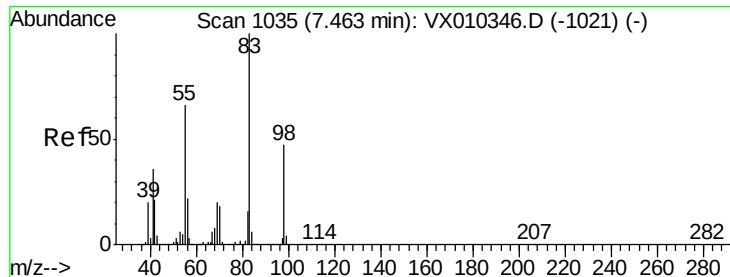
Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Tgt Ion:	117	Resp:	142244
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.4
121	32.3	24.7	37.1





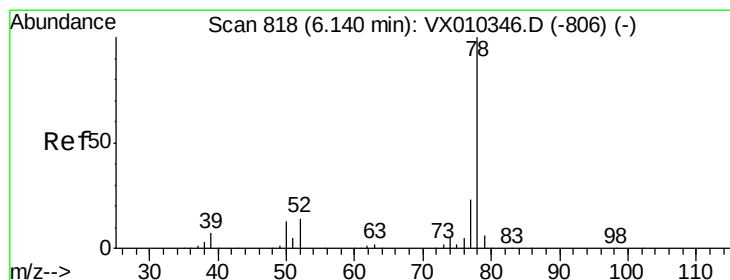
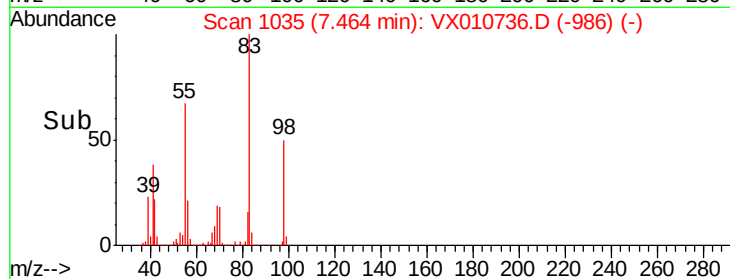
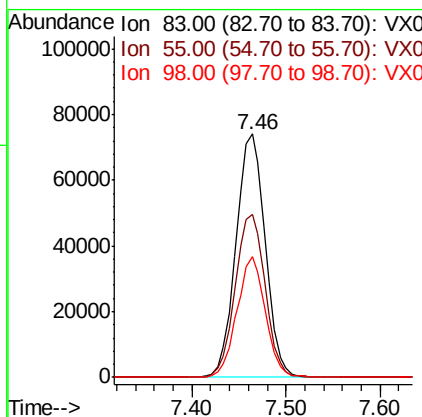
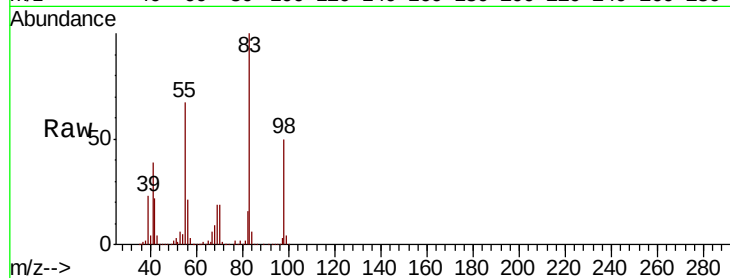
#39
Methylcyclohexane
Concen: 47.096 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.0	53.0	79.6
98	49.5	37.8	56.8

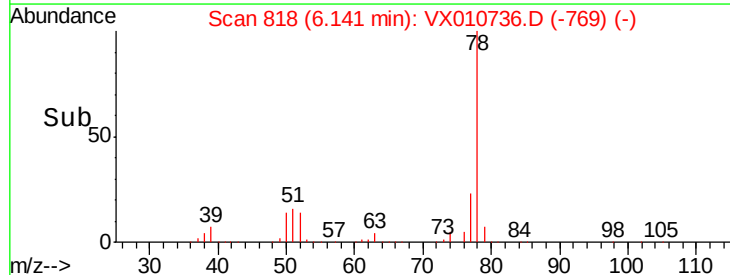
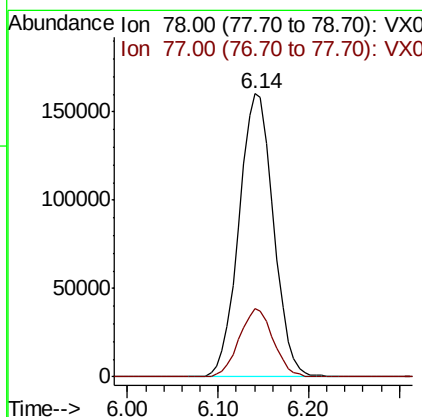
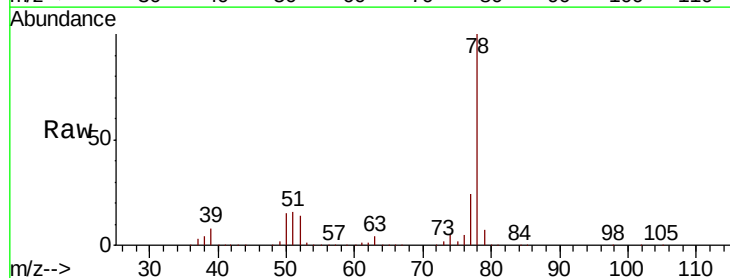
Manual Integrations
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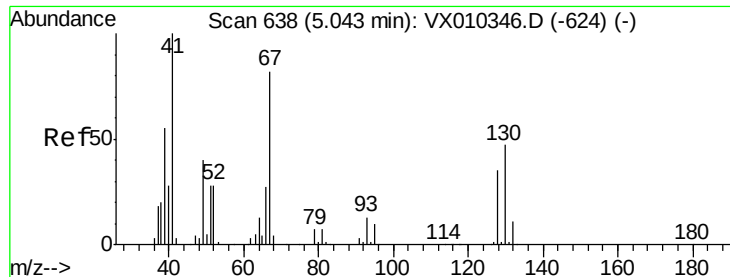
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#40
Benzene
Concen: 52.265 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





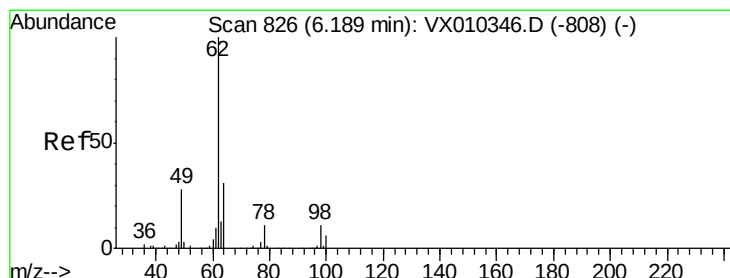
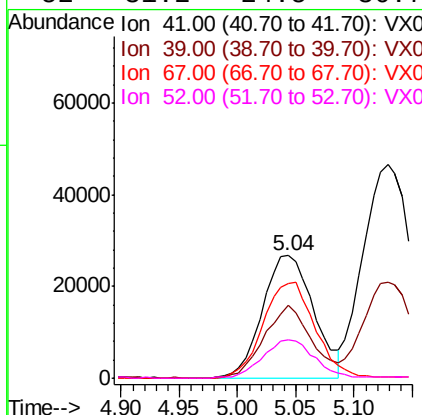
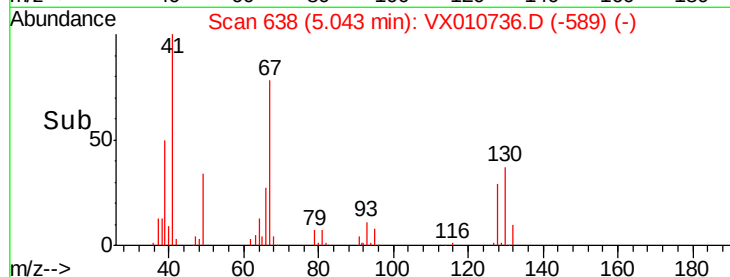
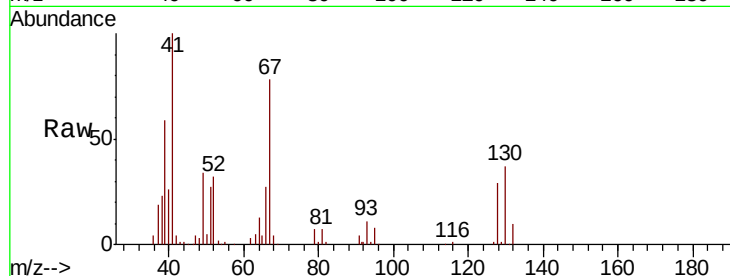
#41
Methacrylonitrile
Concen: 55.526 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	81283
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.8	65.8
67	80.0	66.6	100.0
52	31.2	24.5	36.7

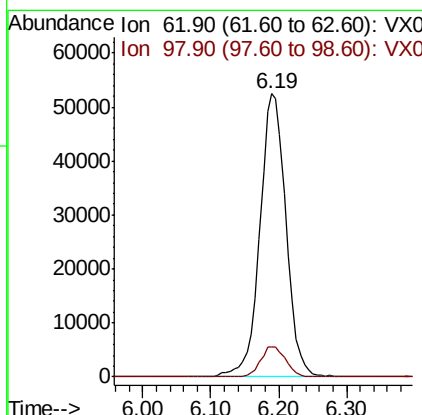
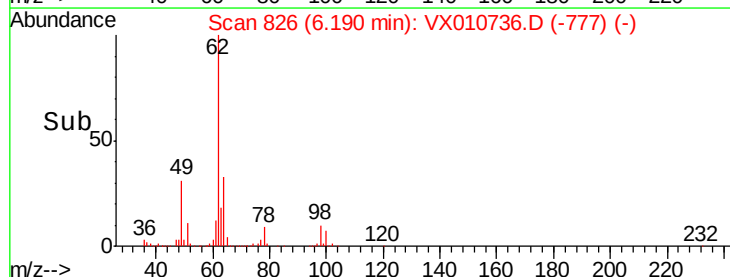
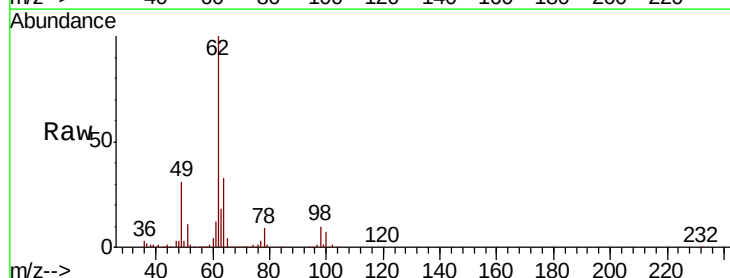
Manual Integrations
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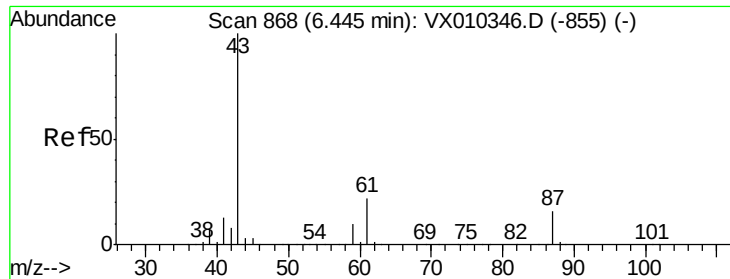
MMDadoda
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#42
1,2-Dichloroethane
Concen: 57.355 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion:	62	Resp:	141061
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.2





#43

Isopropyl Acetate

Concen: 54.592 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

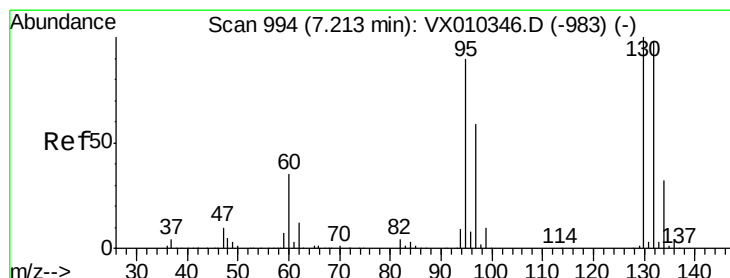
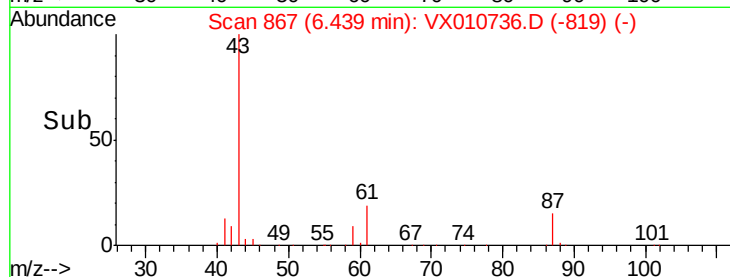
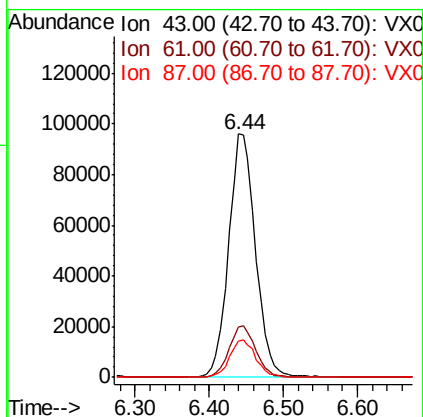
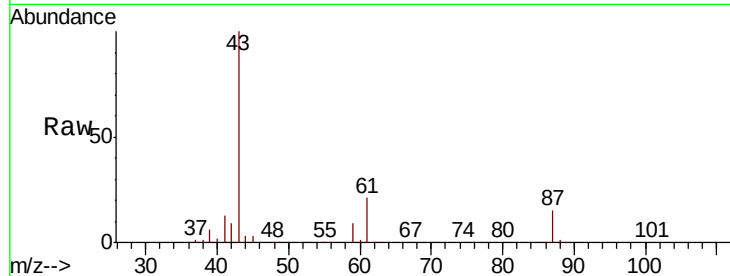
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	240973
Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.8	26.6
87	15.1	13.0	19.4

Manual Integrations
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#44

Trichloroethene

Concen: 49.614 ug/l

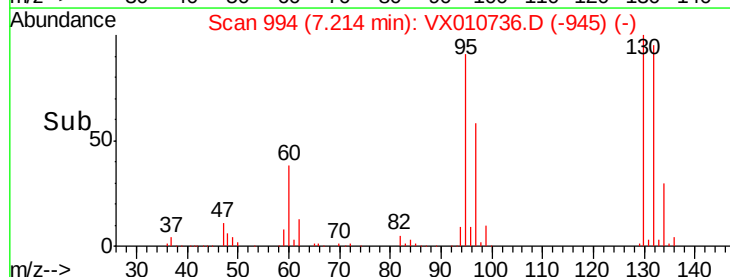
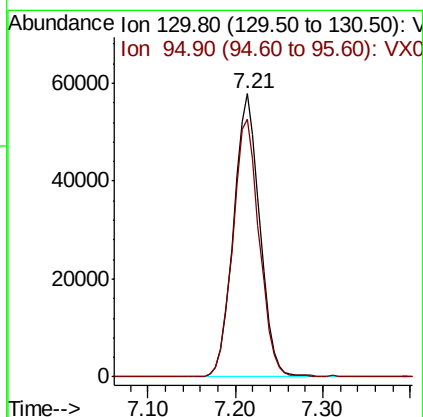
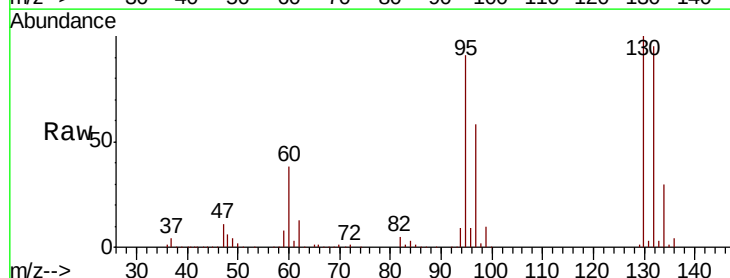
RT: 7.21 min Scan# 994

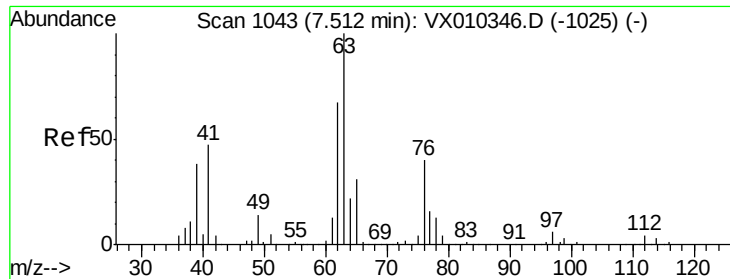
Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Tgt Ion:	130	Resp:	119948
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	180.8





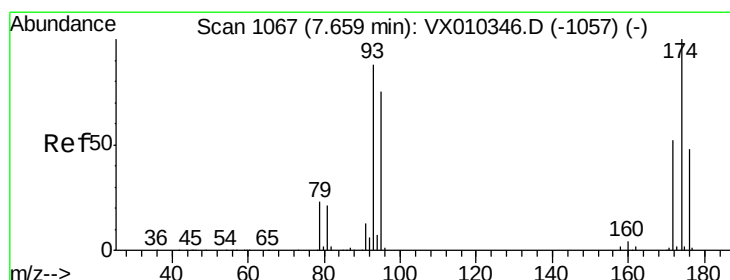
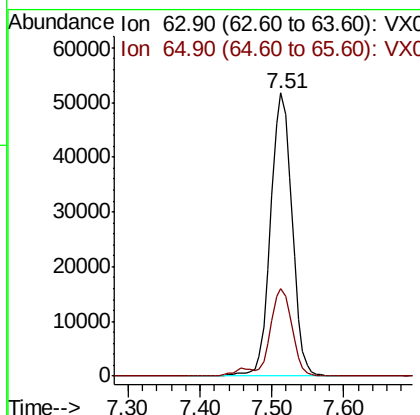
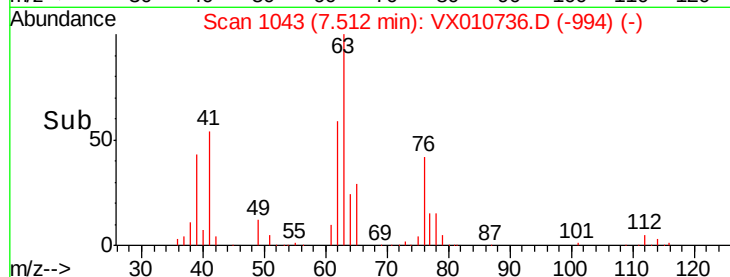
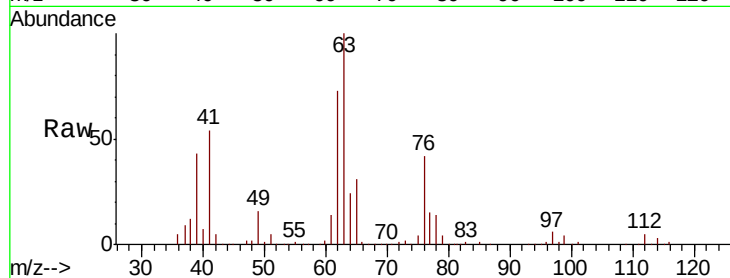
#45
 1,2-Dichloropropane
 Concen: 52.498 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 107113
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2

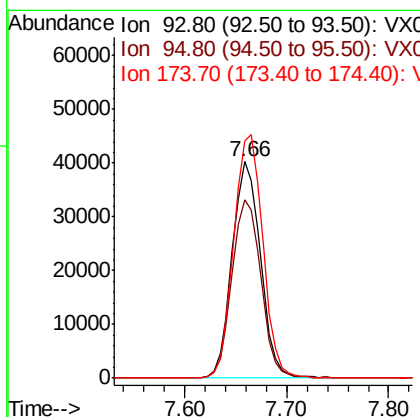
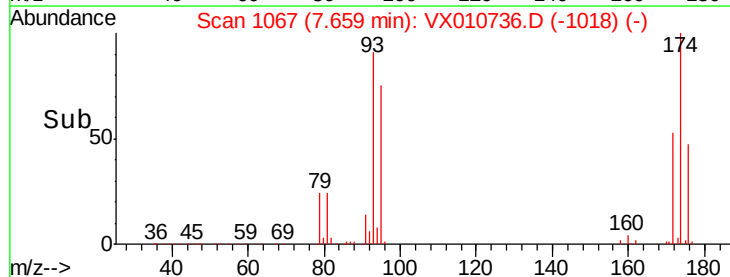
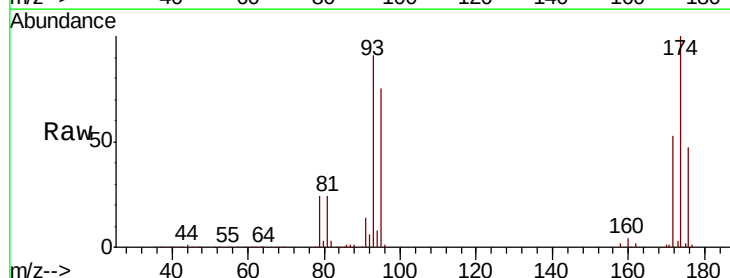
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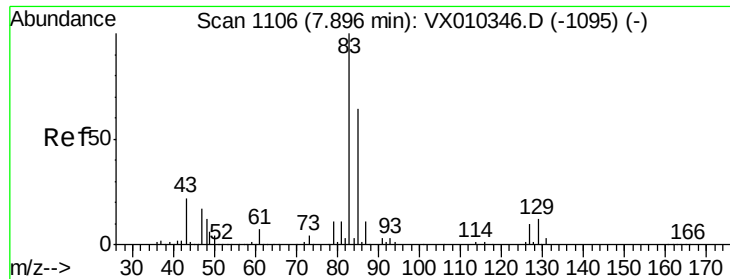
MMDadoda
 7/9/2019 11:24:26 AM



#46
 Dibromomethane
 Concen: 52.895 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 93 Resp: 77432
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.5 101.3
 174 115.7 95.8 143.6





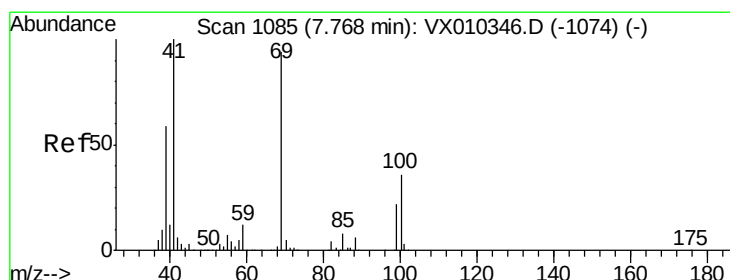
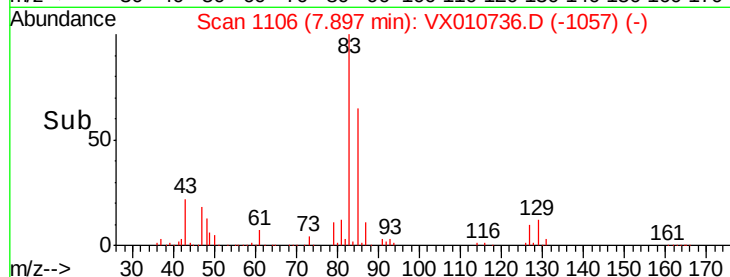
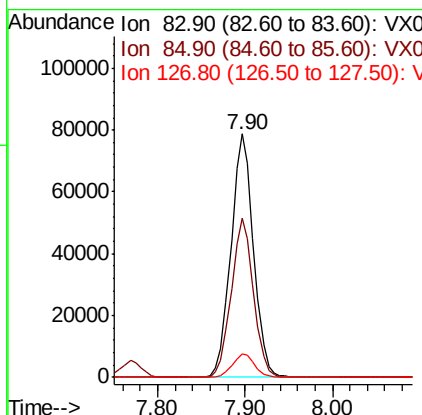
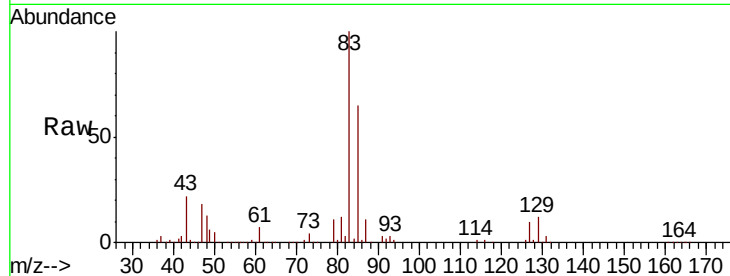
#47
 Bromodichloromethane
 Concen: 52.534 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	140935		
85	65.3	51.5	77.3	
127	9.6	7.8	11.8	

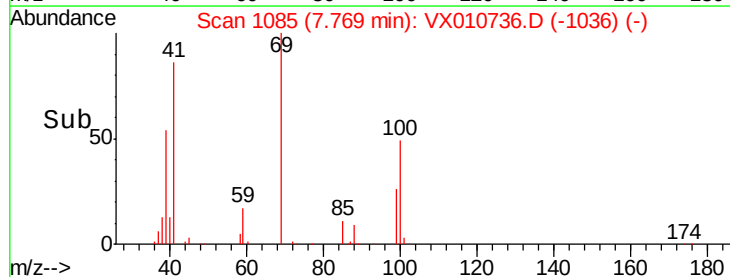
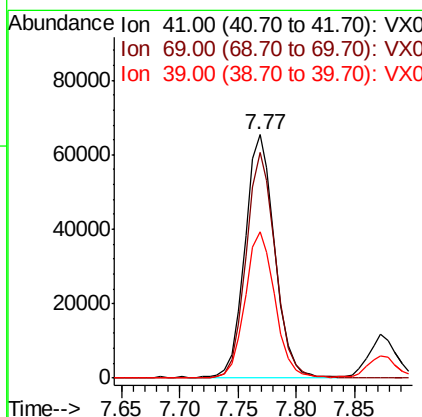
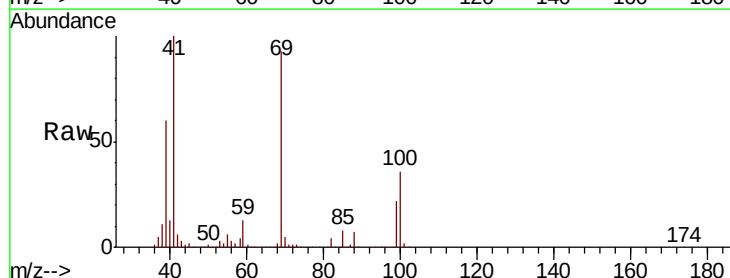
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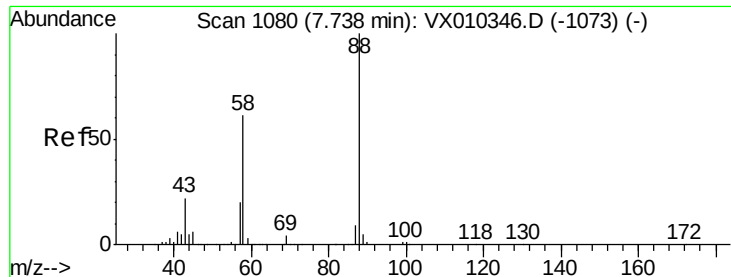
MMDadoda
 7/9/2019 11:24:26 AM



#48
 Methyl methacrylate
 Concen: 56.615 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	116160		
69	91.5	76.1	114.1	
39	60.0	47.6	71.4	





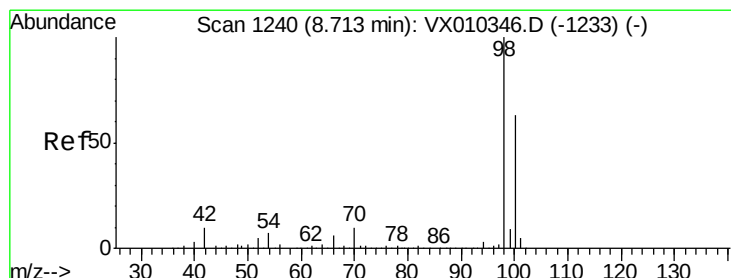
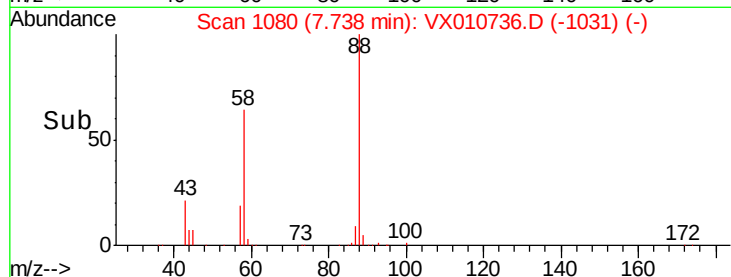
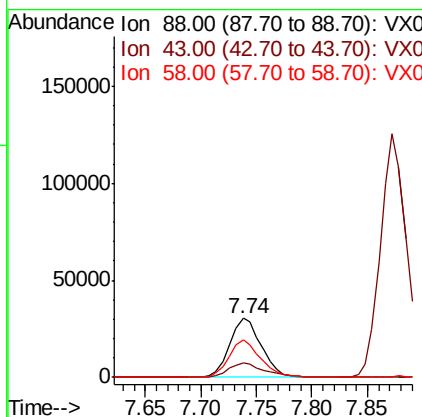
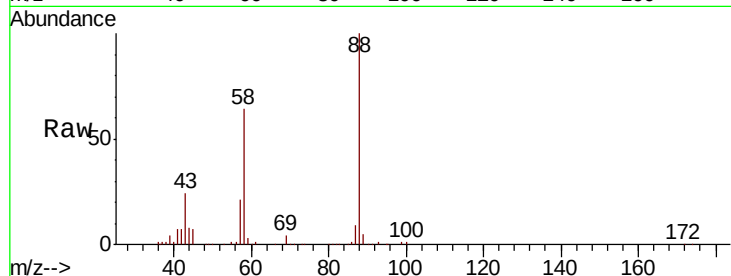
#49
1,4-Dioxane
Concen: 1008.219 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.5	20.2	30.2
58	63.0	49.5	74.3

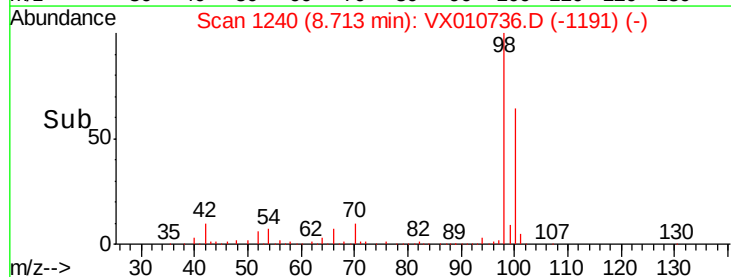
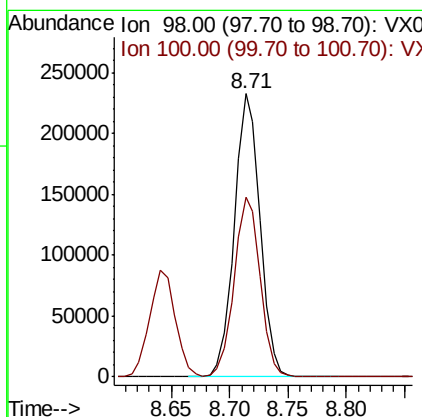
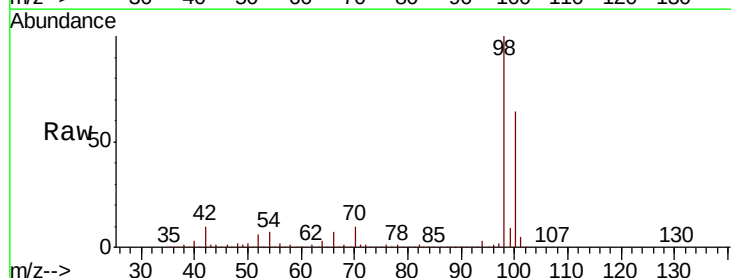
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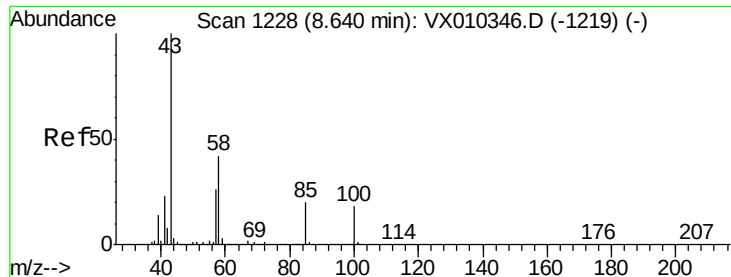
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#50
Toluene-d8
Concen: 46.738 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





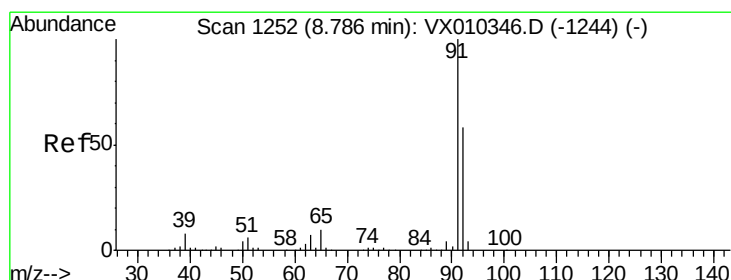
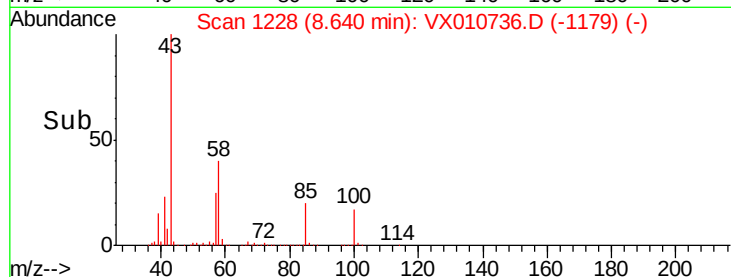
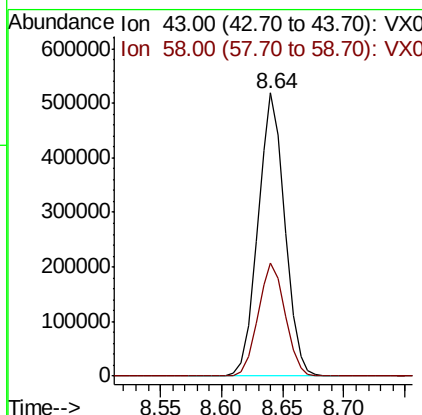
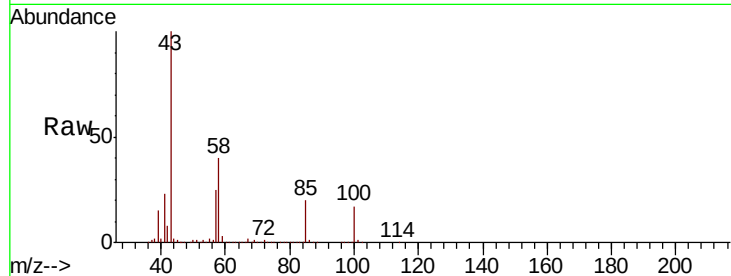
#51
 4-Methyl-2-Pentanone
 Concen: 280.825 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 792794
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.5 50.3

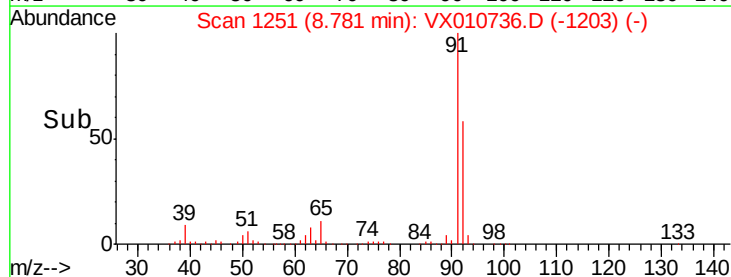
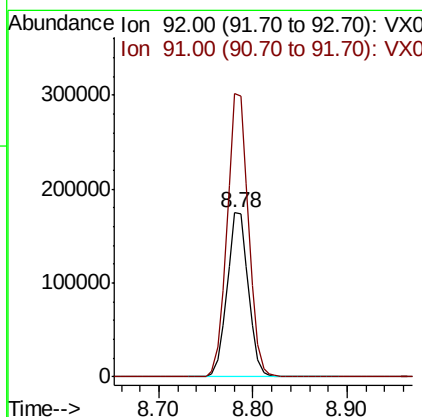
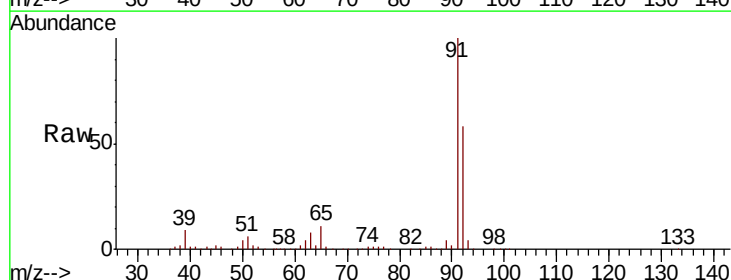
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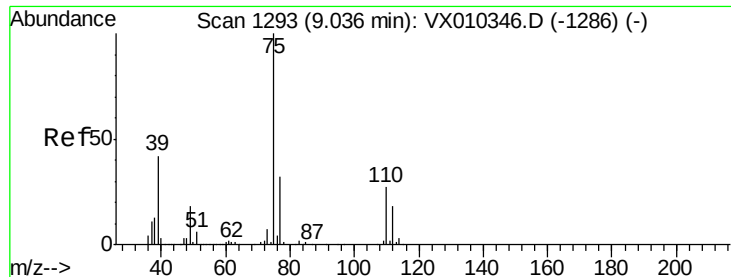
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#52
 Toluene
 Concen: 51.220 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 92 Resp: 272526
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.8 209.6





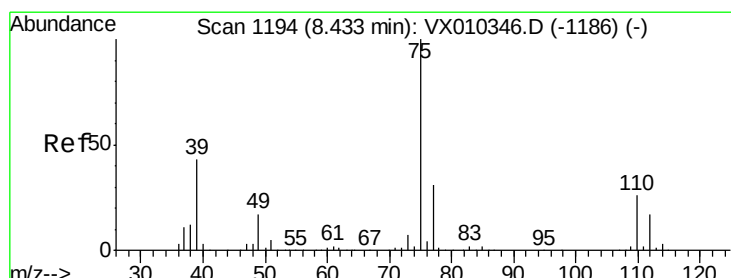
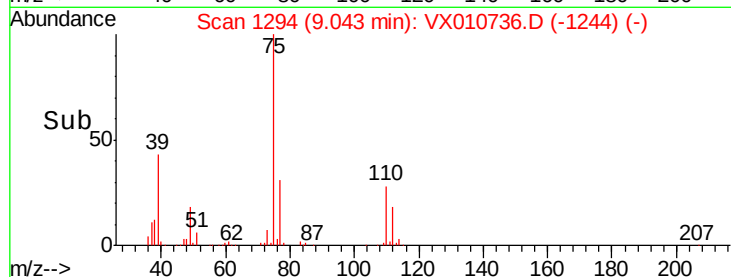
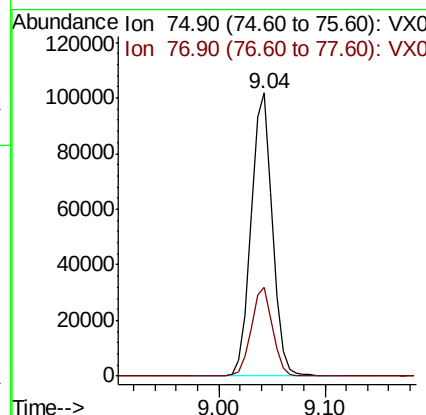
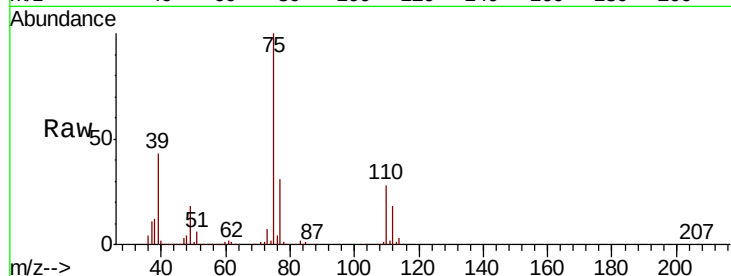
#53
t-1,3-Dichloropropene
Concen: 47.496 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 142856
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

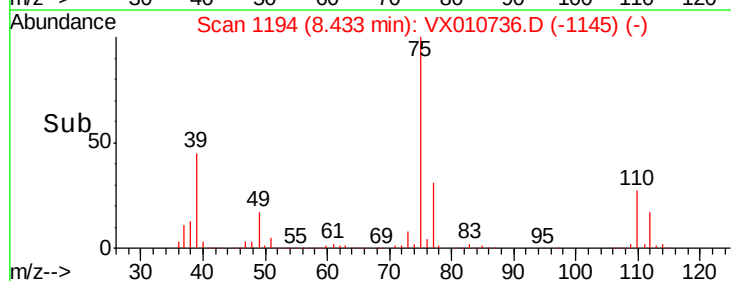
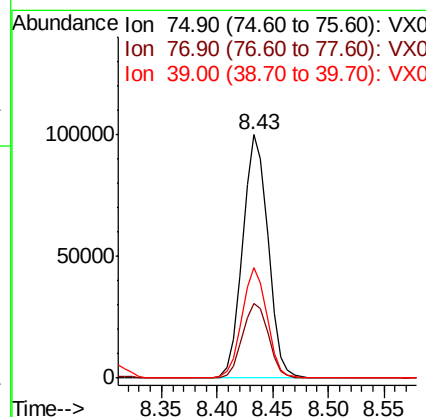
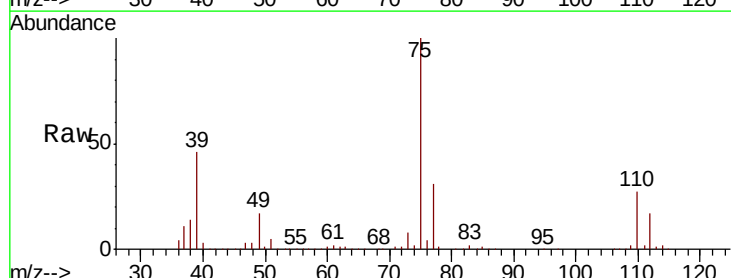
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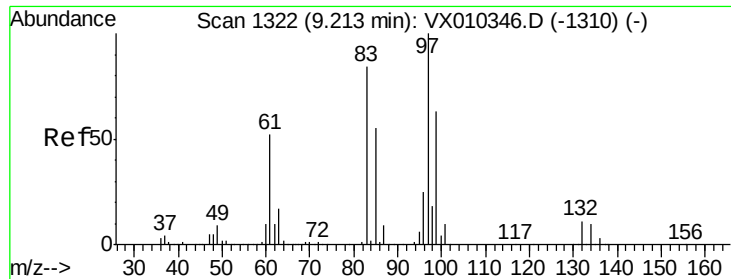
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#54
cis-1,3-Dichloropropene
Concen: 48.434 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 75 Resp: 158309
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 45.4 34.5 51.7





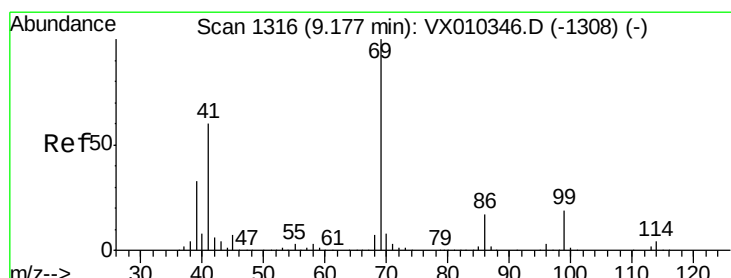
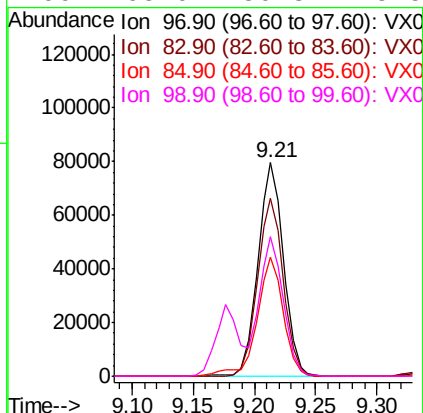
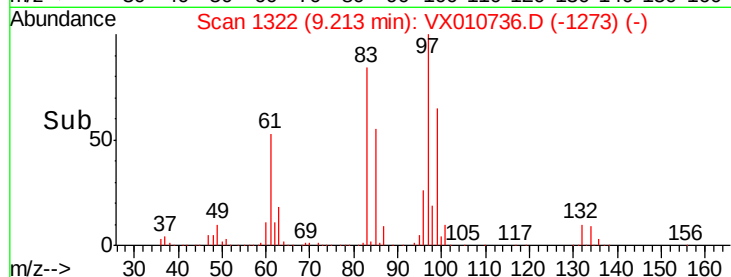
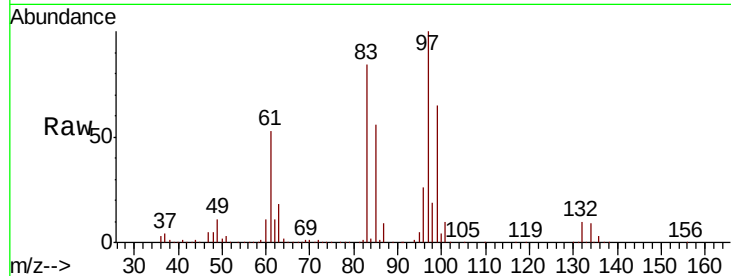
#55
 1,1,2-Trichloroethane
 Concen: 52.908 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	116100		
83	83.6	67.4	101.0	
85	55.6	43.8	65.8	
99	65.0	50.3	75.5	

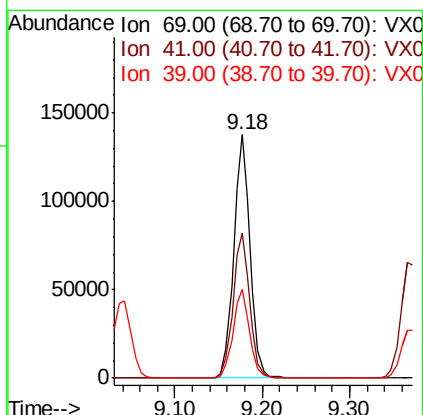
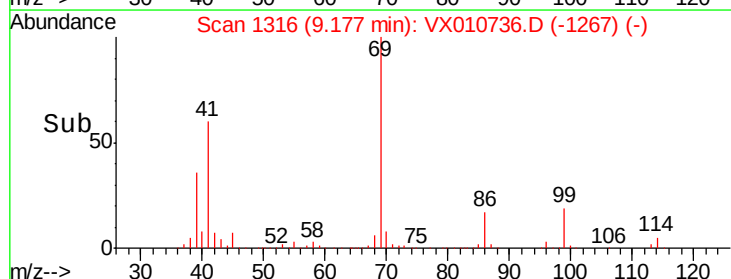
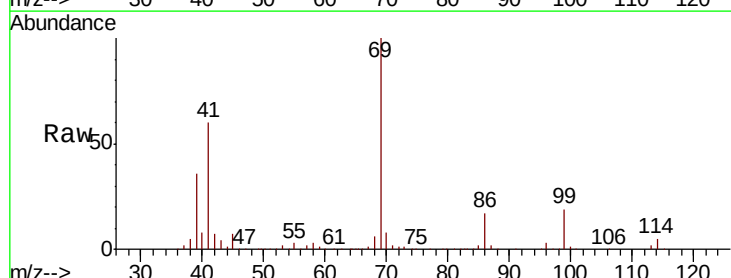
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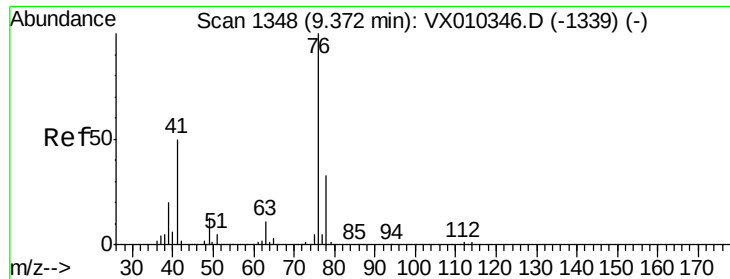
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#56
 Ethyl methacrylate
 Concen: 54.202 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	180178		
41	60.3	47.1	70.7	
39	36.7	26.6	40.0	





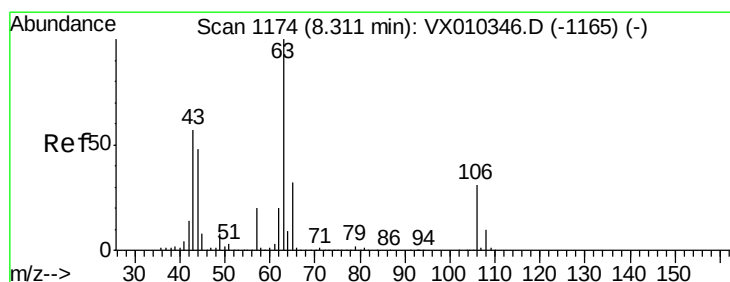
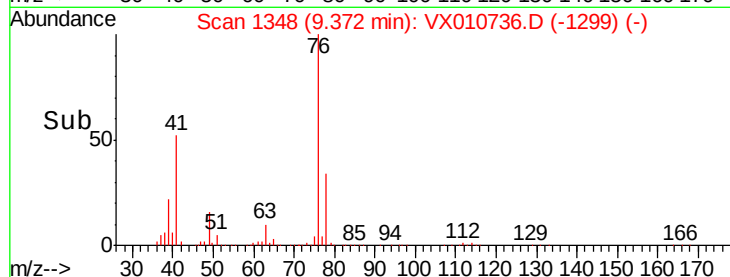
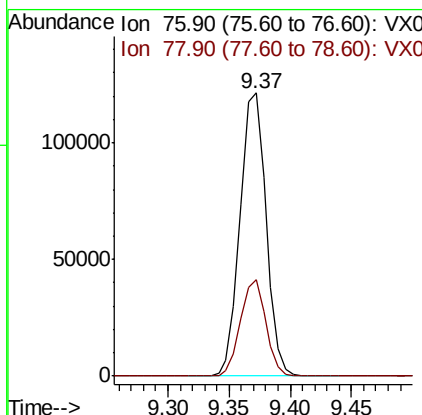
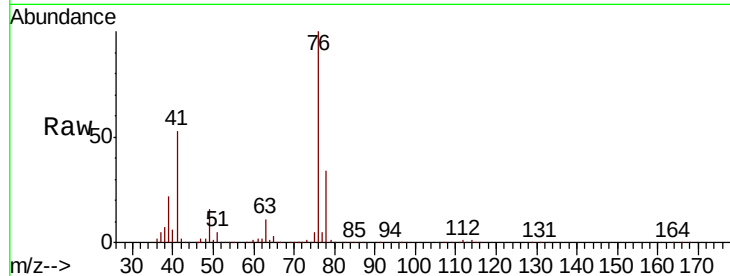
#57
 1,3-Dichloropropane
 Concen: 52.668 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 179406
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.1 39.1

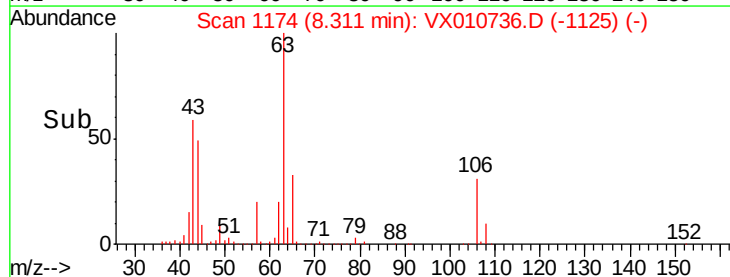
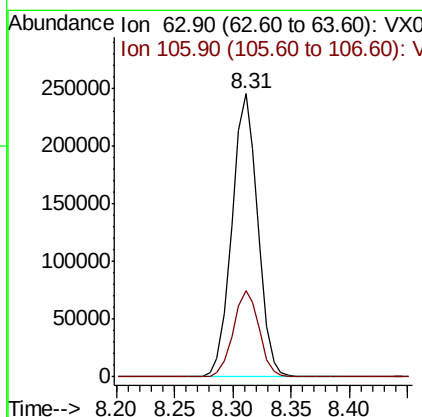
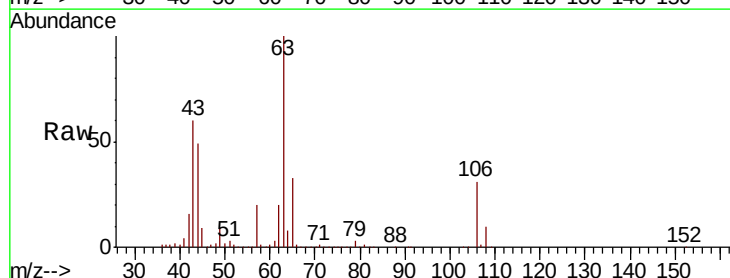
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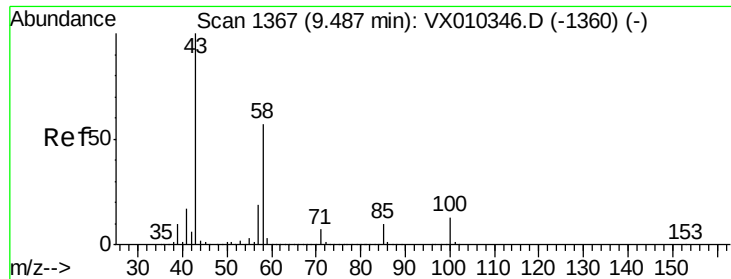
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#58
 2-Chloroethyl Vinyl ether
 Concen: 239.913 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 63 Resp: 378762
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.7 37.1





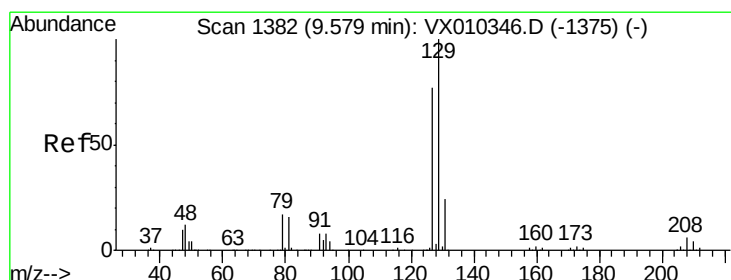
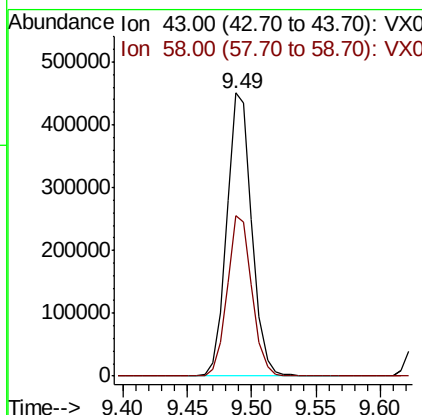
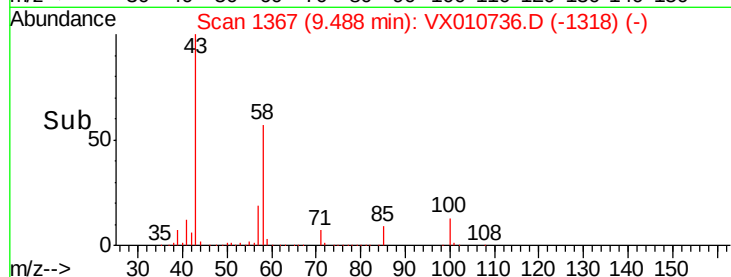
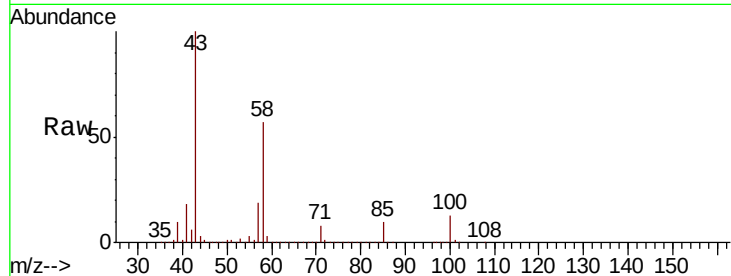
#59
2-Hexanone
Concen: 275.586 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 612317
Ion Ratio Lower Upper
43 100
58 56.2 29.0 87.1

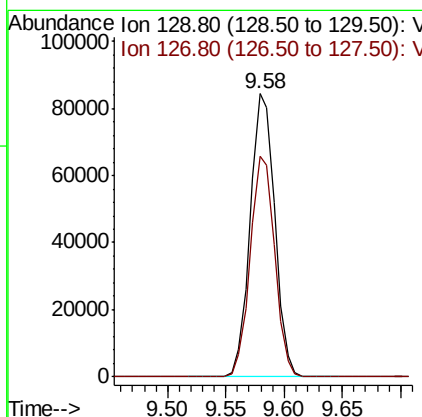
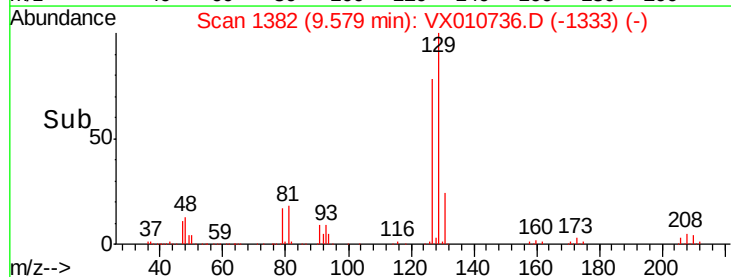
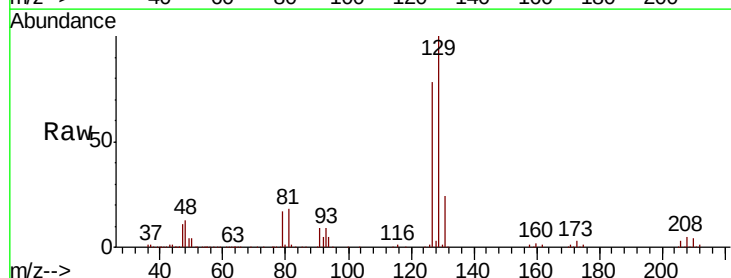
Manual Integrations
APPROVED

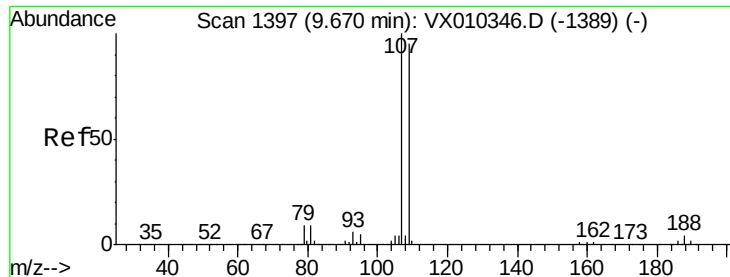
MMDadoda
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#60
Dibromochloromethane
Concen: 50.920 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion: 129 Resp: 125109
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.975 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 125474

Ion Ratio Lower Upper

107 100

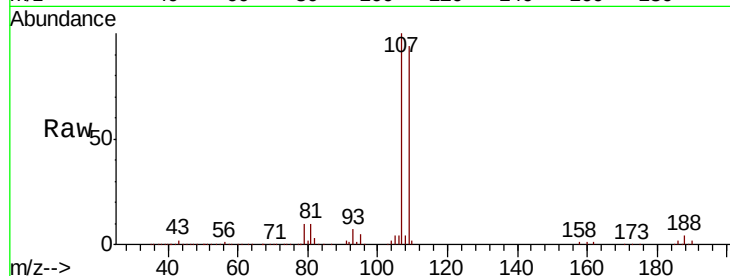
109 94.8 75.8 113.6

Manual Integrations

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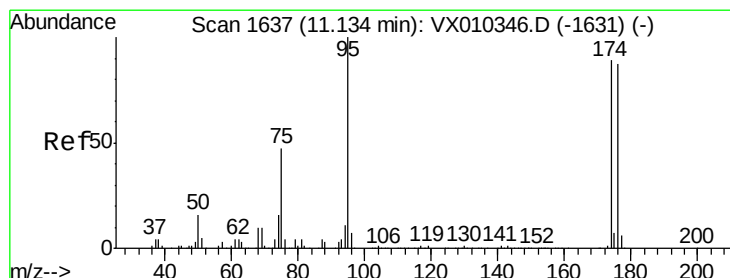
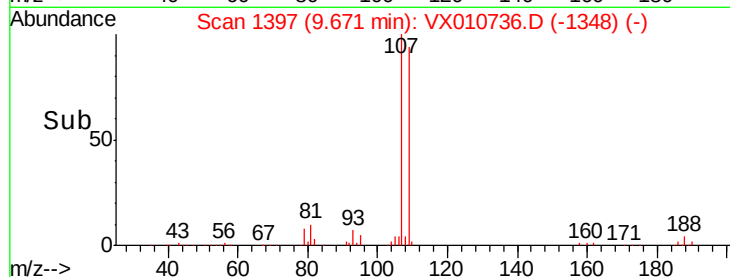
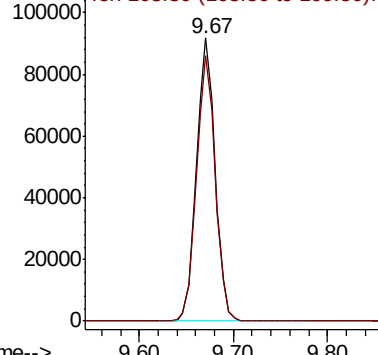
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.943 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

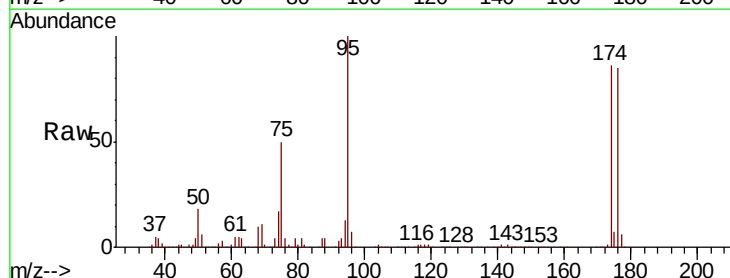
Tgt Ion: 95 Resp: 134982

Ion Ratio Lower Upper

95 100

174 93.0 0.0 187.6

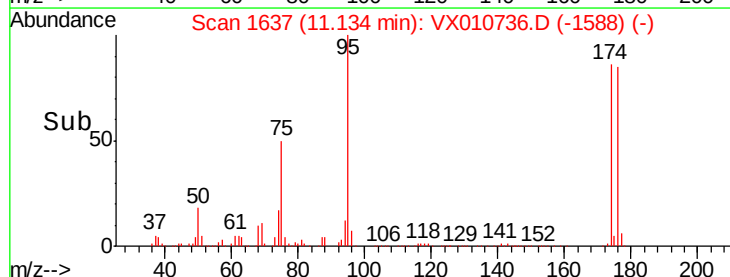
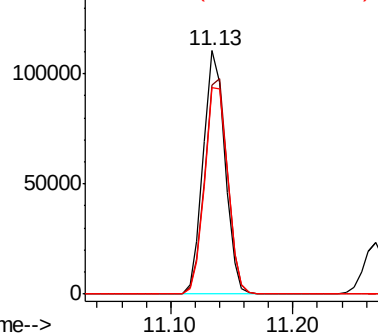
176 90.3 0.0 184.0

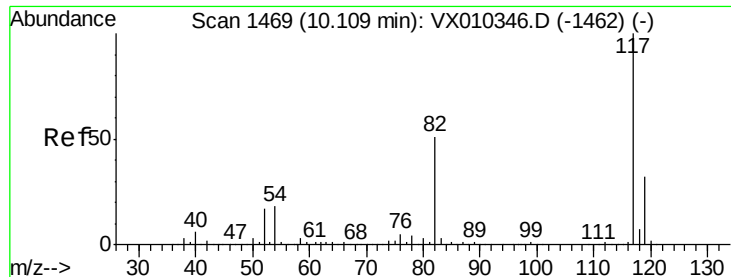


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





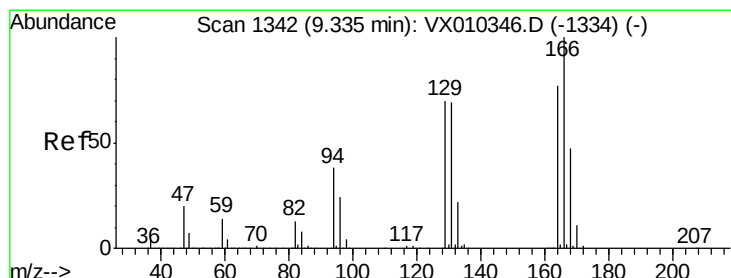
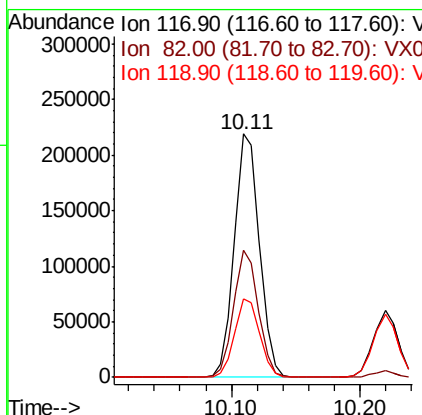
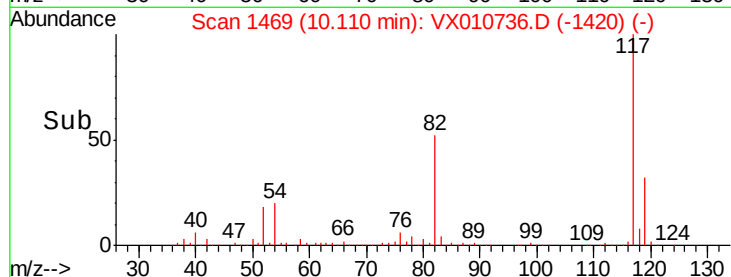
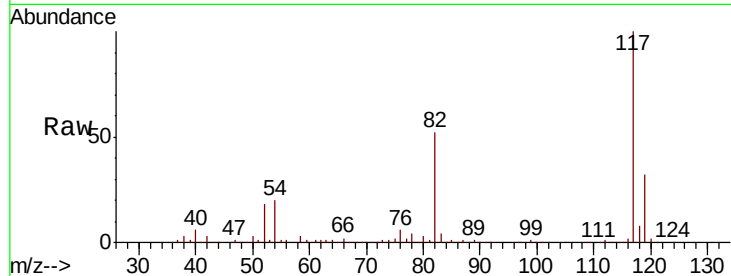
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	298789		
82	52.4	41.2	61.8	
119	32.3	25.5	38.3	

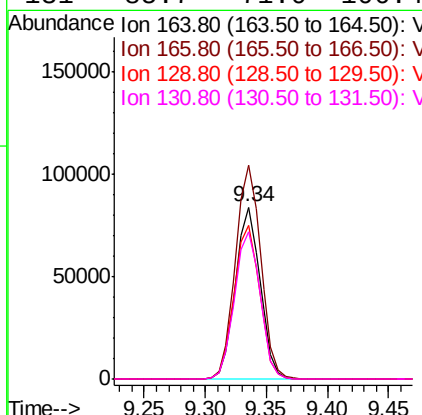
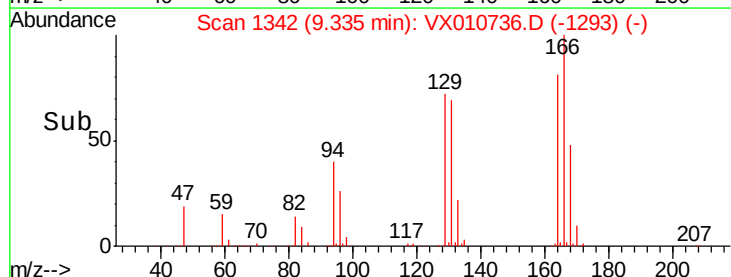
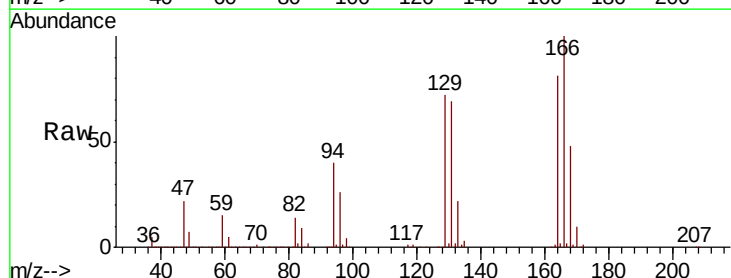
Manual Integrations
APPROVED

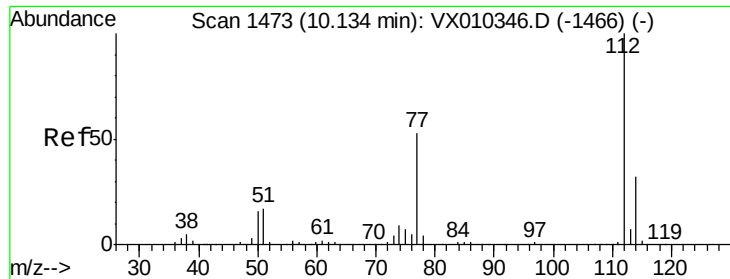
MMDadoda
7/9/2019 11:24:26 AM



#64
Tetrachloroethene
Concen: 48.503 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	117217		
166	124.1	103.6	155.4	
129	89.5	73.0	109.4	
131	85.7	71.0	106.4	





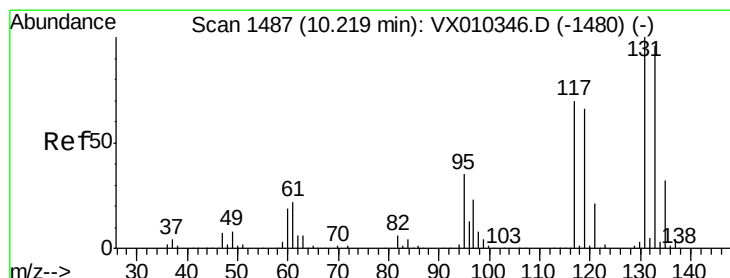
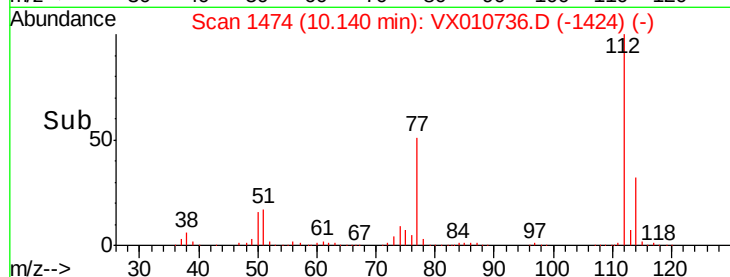
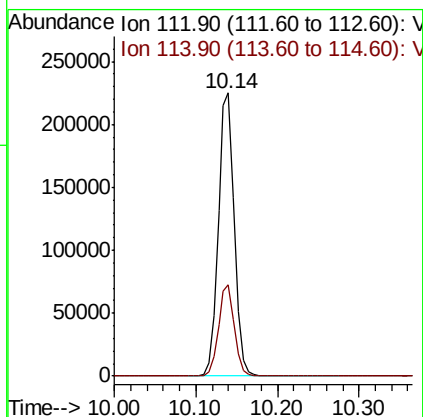
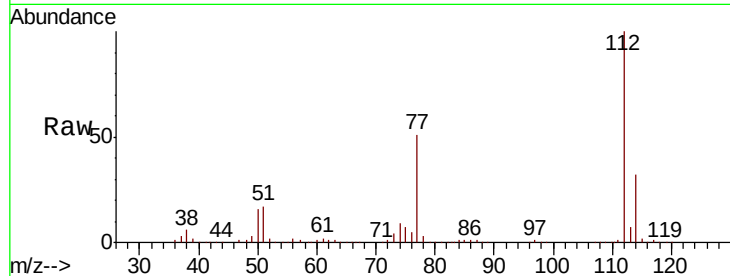
#65
Chlorobenzene
Concen: 51.072 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 309805
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

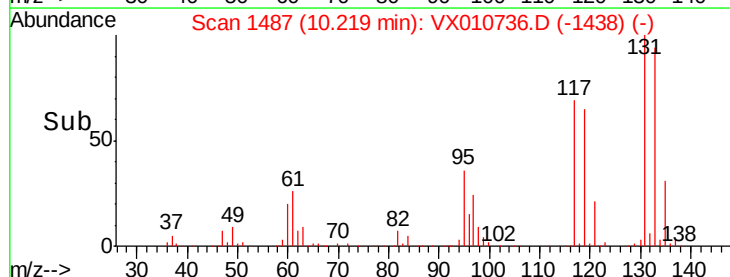
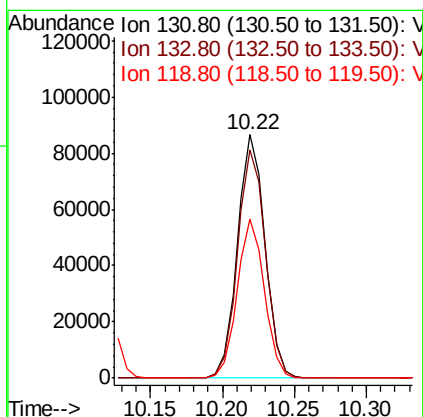
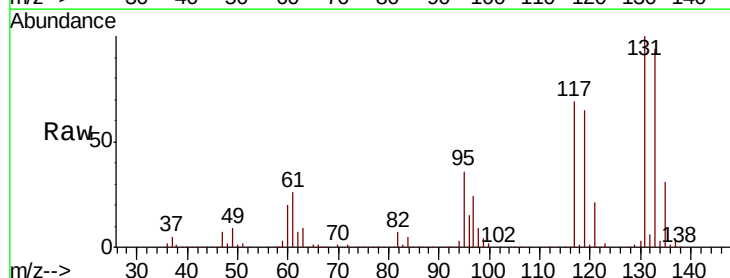
Manual Integrations
APPROVED

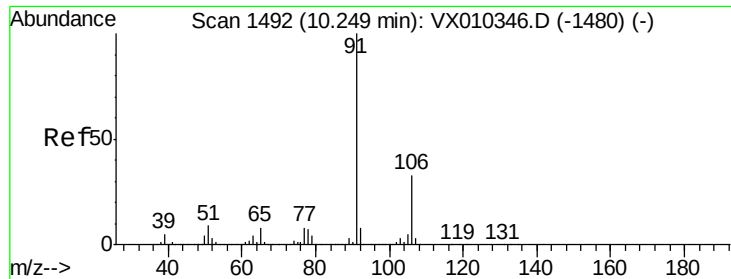
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.087 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion:131 Resp: 115088
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 64.8 32.6 97.7





#67

Ethyl Benzene

Concen: 50.962 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 521886

Ion Ratio Lower Upper

91 100

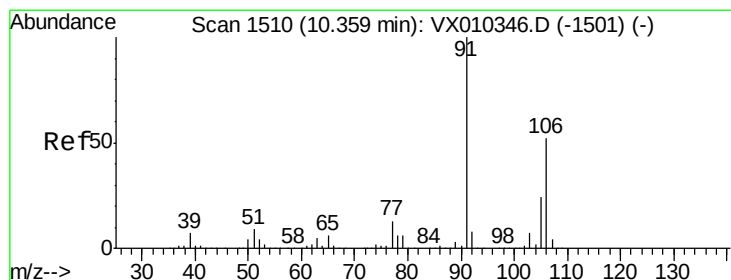
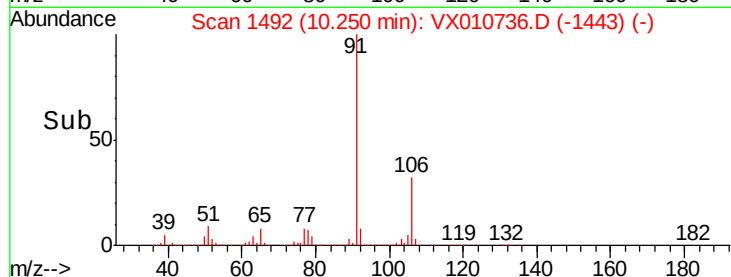
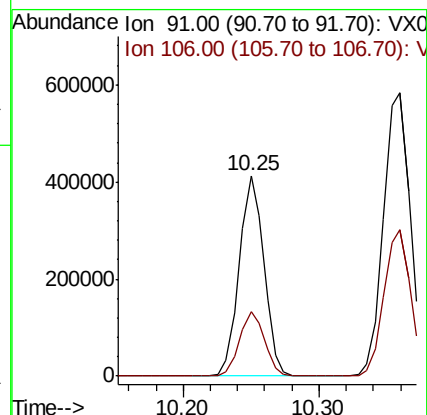
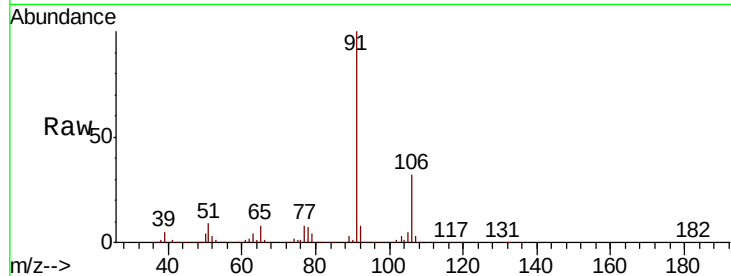
106 32.1 26.2 39.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 103.099 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010736.D

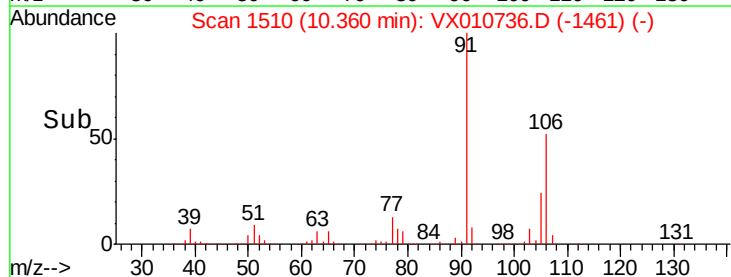
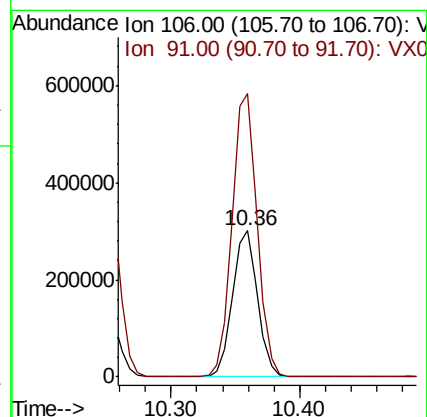
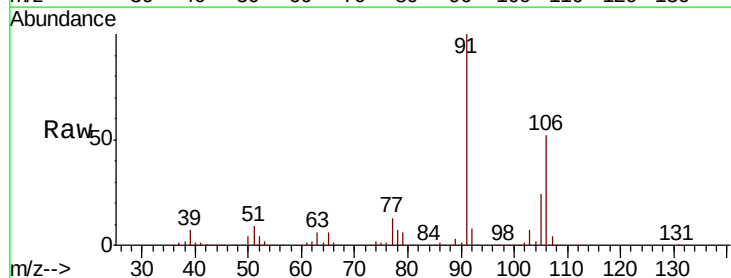
Acq: 09 Jul 2019 07:47

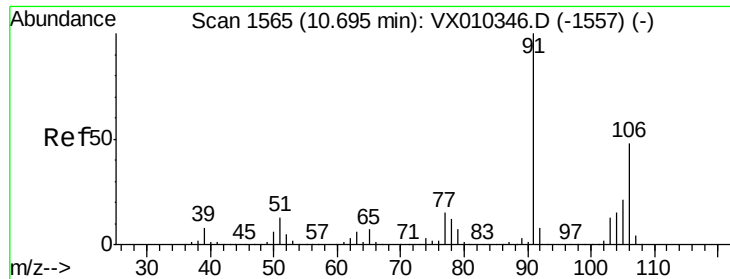
Tgt Ion: 106 Resp: 409100

Ion Ratio Lower Upper

106 100

91 196.0 155.3 232.9





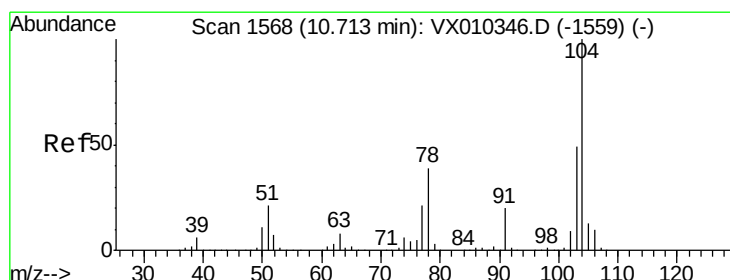
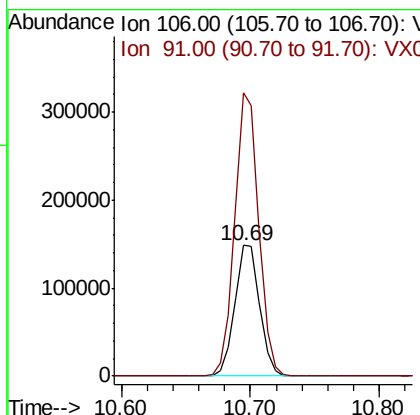
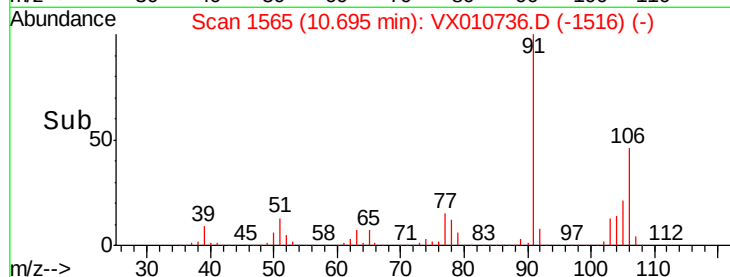
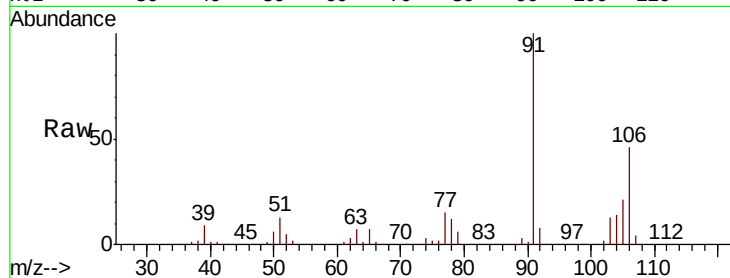
#69
o-Xylene
Concen: 51.023 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 199102
Ion Ratio Lower Upper
106 100
91 210.1 102.7 308.1

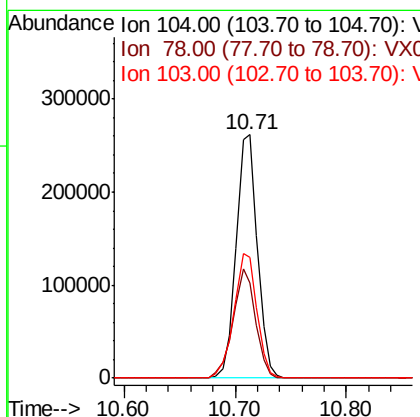
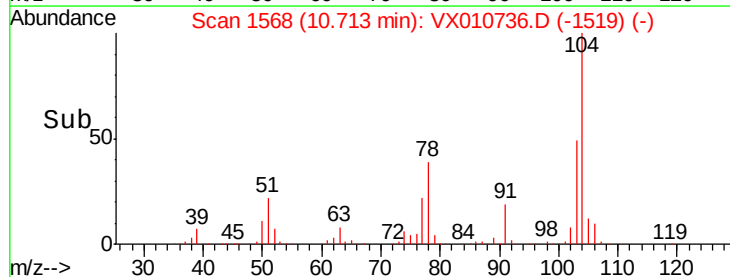
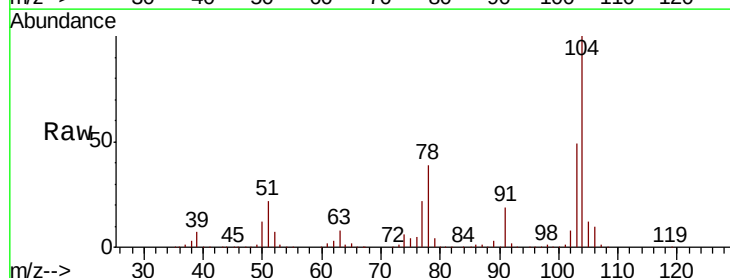
Manual Integrations
APPROVED

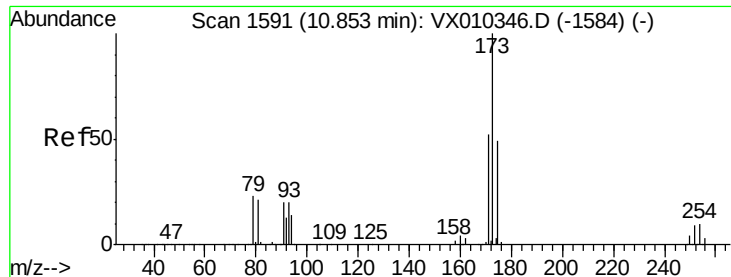
MMDadoda
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#70
Styrene
Concen: 52.889 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion:104 Resp: 346114
Ion Ratio Lower Upper
104 100
78 47.1 36.2 54.2
103 55.3 44.2 66.4





#71

Bromoform

Concen: 50.203 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 96464

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.3

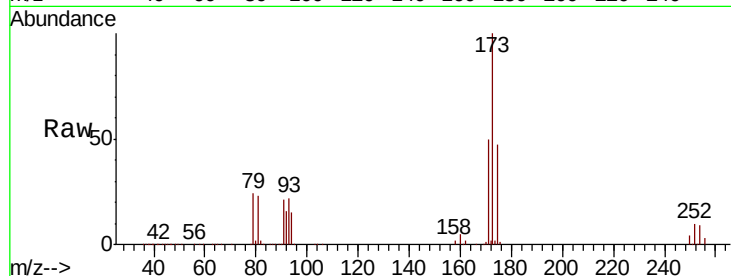
254 0.0 0.2 0.2#

Manual Integrations

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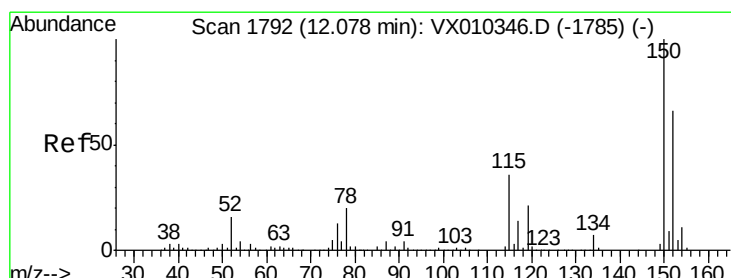
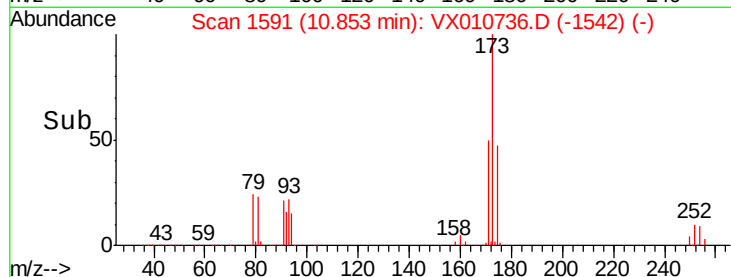
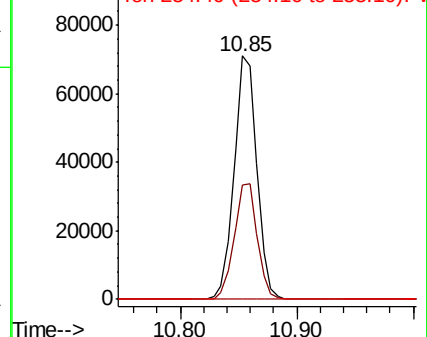
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX010736.D

Acq: 09 Jul 2019 07:47

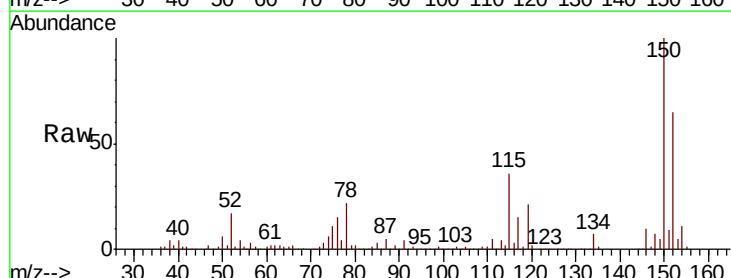
Tgt Ion:152 Resp: 158562

Ion Ratio Lower Upper

152 100

115 77.7 38.6 115.7

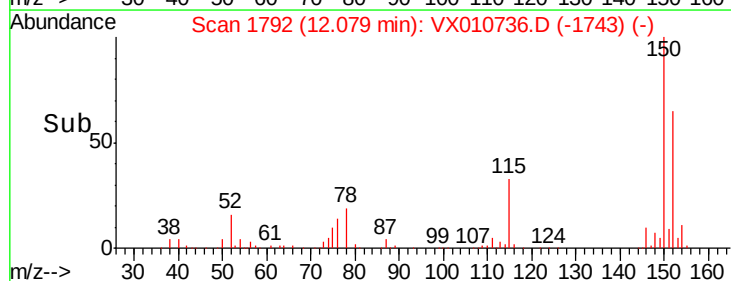
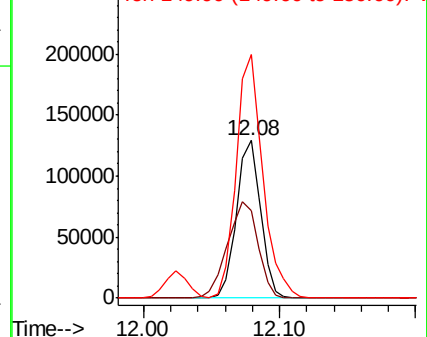
150 170.8 0.0 347.4

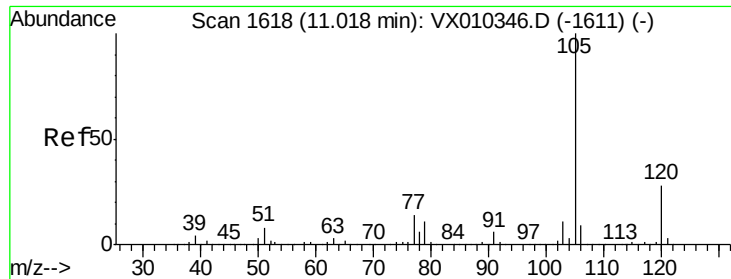


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





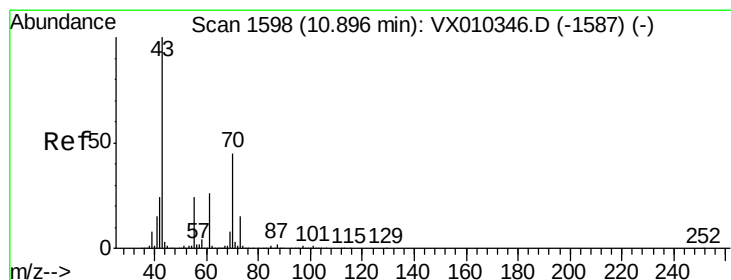
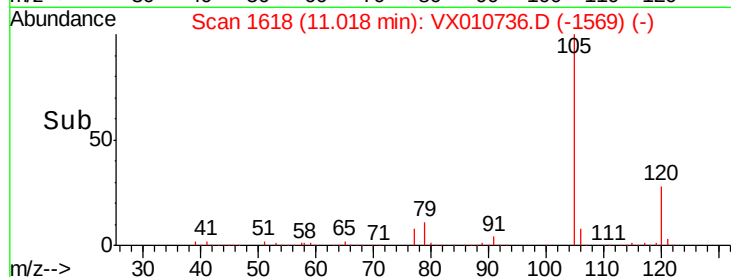
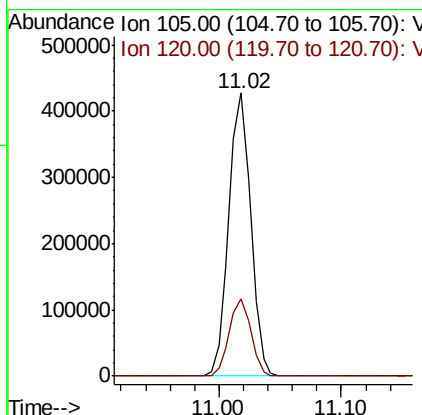
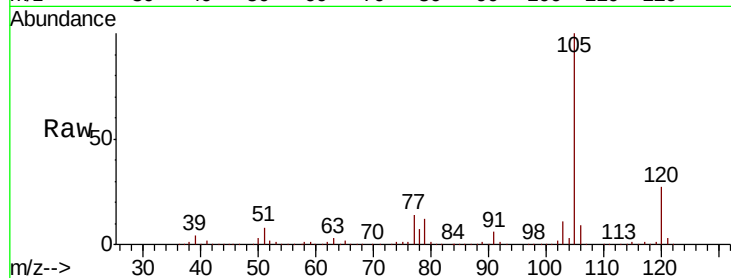
#73
Isopropylbenzene
Concen: 49.244 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	14.1	42.4

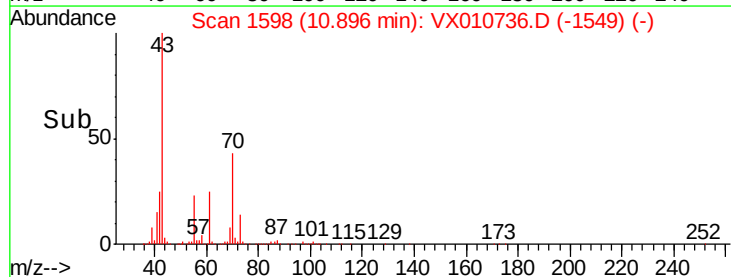
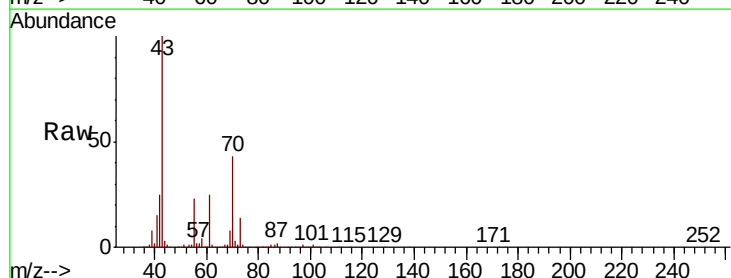
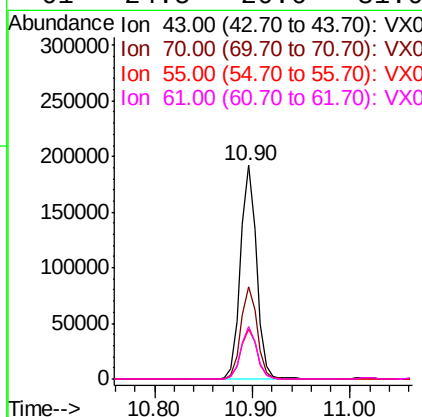
Manual Integrations
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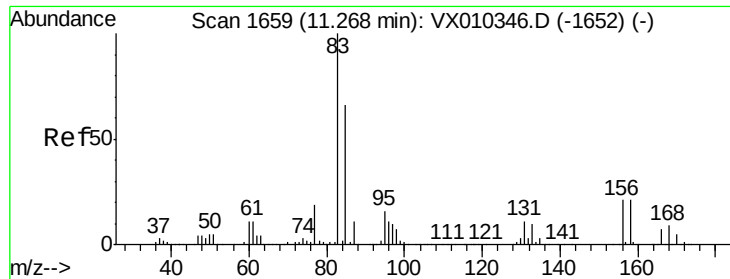
MMDadoda
7/9/2019 11:24:26 AM



#74
N-ethyl acetate
Concen: 53.692 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.7	36.6	54.8
55	23.9	18.7	28.1
61	24.5	20.6	31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.461 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

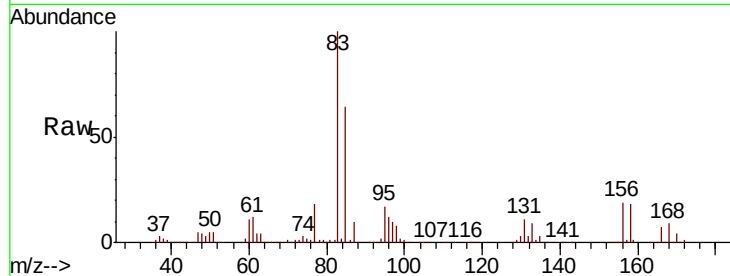
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	183183
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	64.8	32.3	96.8

Manual Integrations
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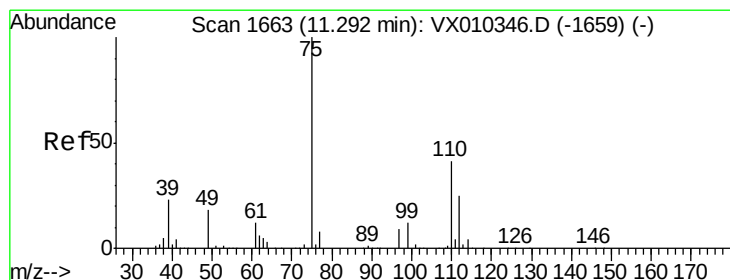
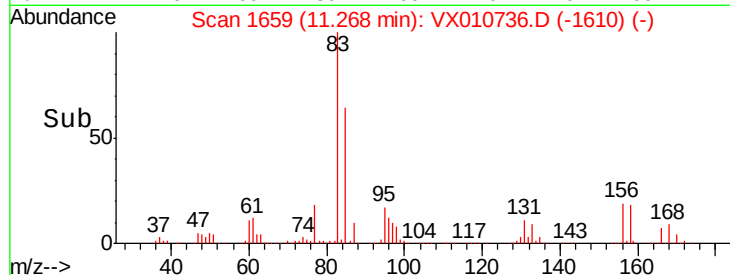
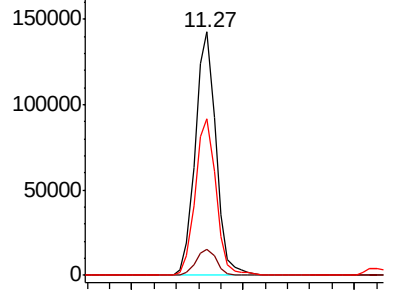
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.270 ug/l m

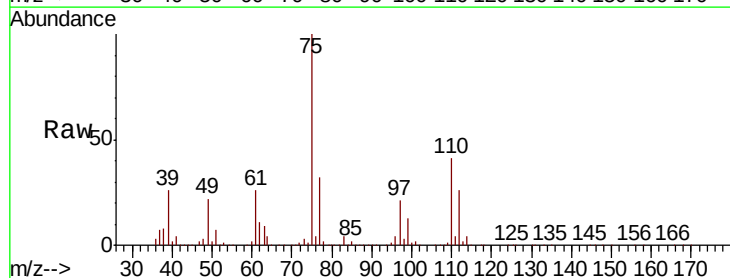
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010736.D

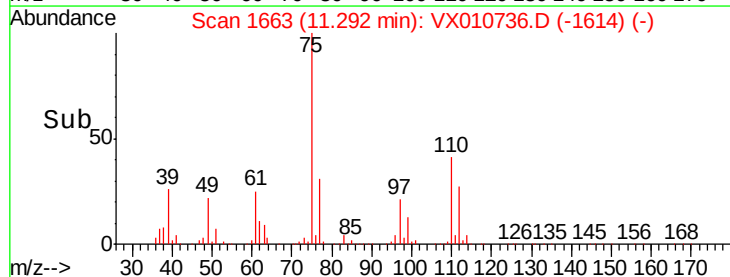
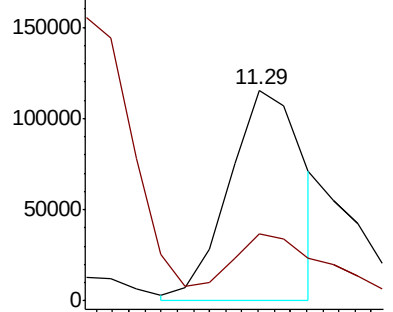
Acq: 09 Jul 2019 07:47

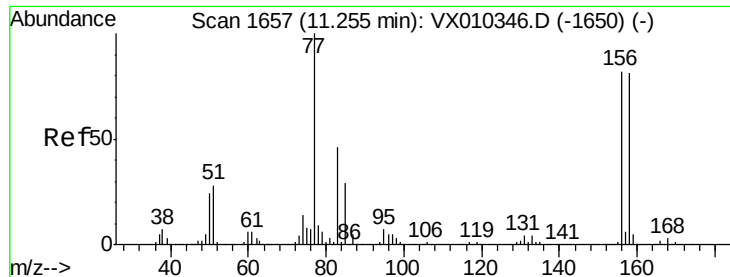
Tgt Ion:	75	Resp:	148141
Ion	Ratio	Lower	Upper
75	100		
77	41.8	22.6	67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.407 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

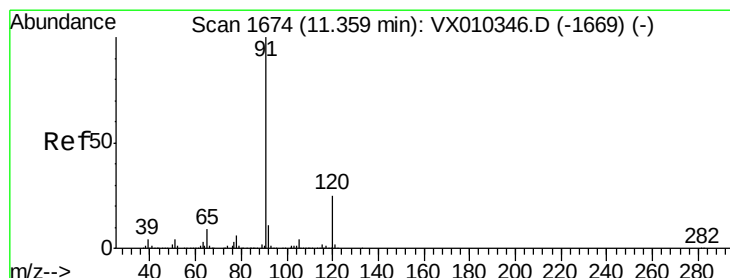
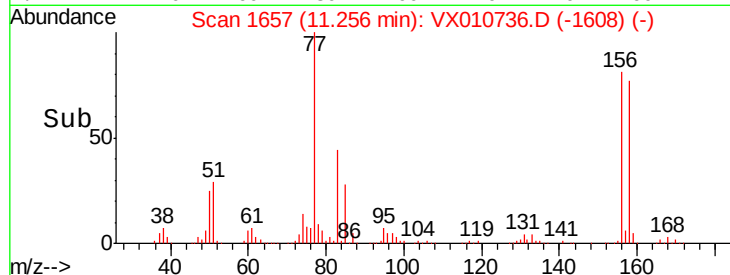
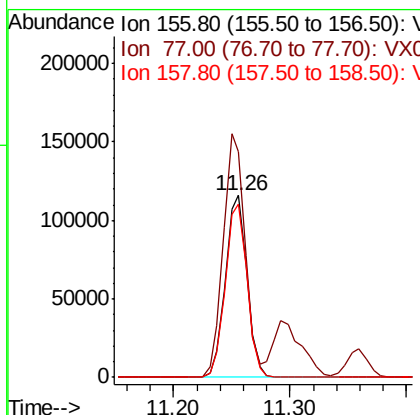
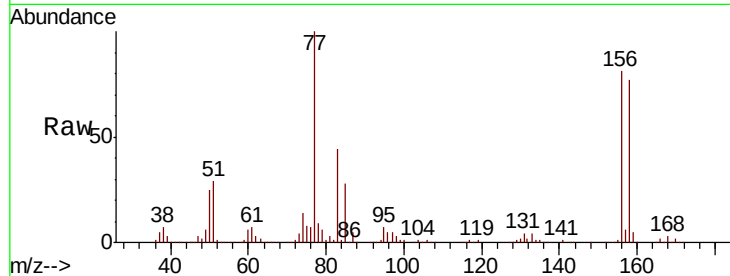
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	148286
Ion	Ratio	Lower	Upper
156	100		
77	134.9	66.3	198.7
158	96.8	48.9	146.7

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#78

n-propylbenzene

Concen: 49.418 ug/l

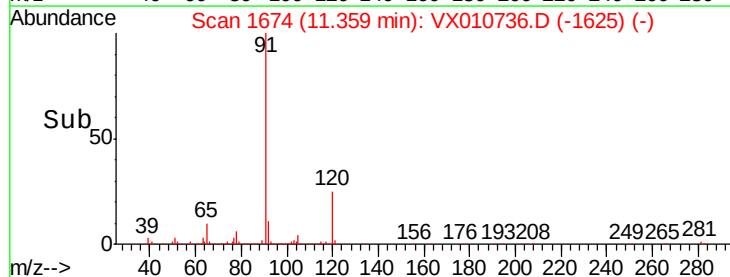
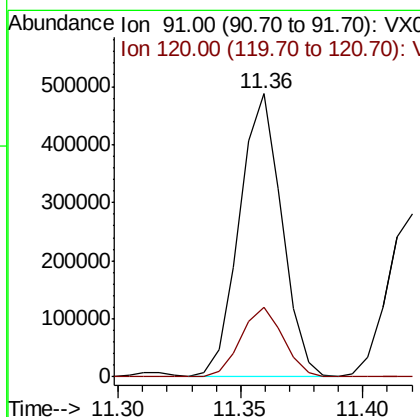
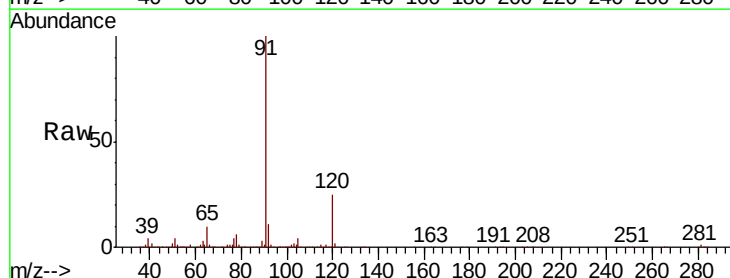
RT: 11.36 min Scan# 1674

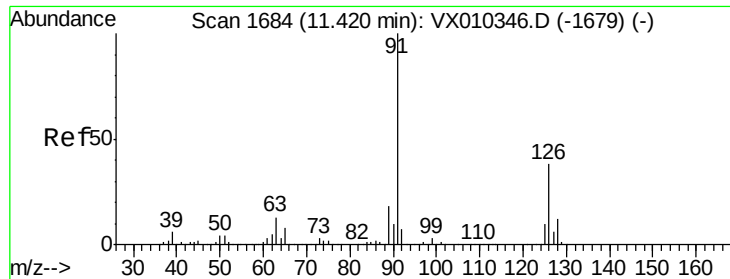
Delta R.T. 0.00 min

Lab File: VX010736.D

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Tgt Ion:	91	Resp:	583782
Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.4





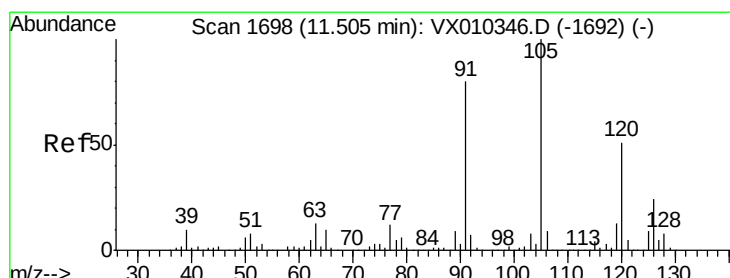
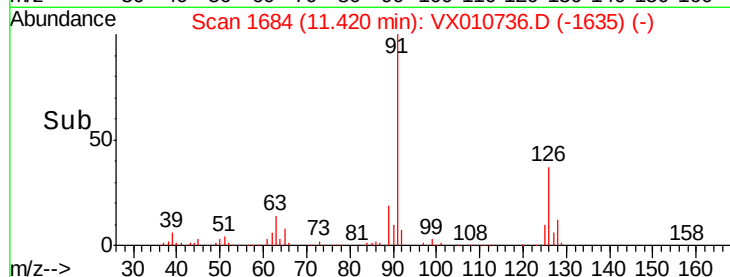
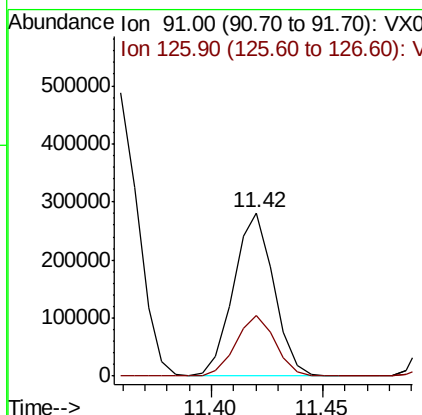
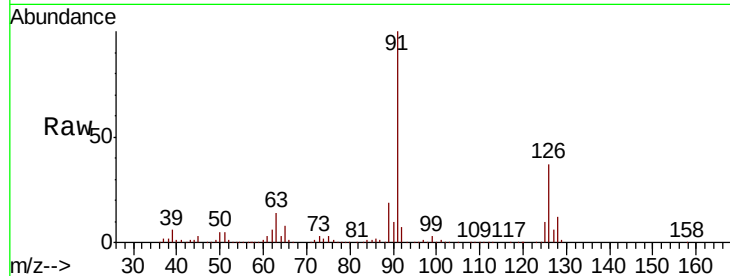
#79
 2-Chlorotoluene
 Concen: 49.857 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 350718
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.7 56.1

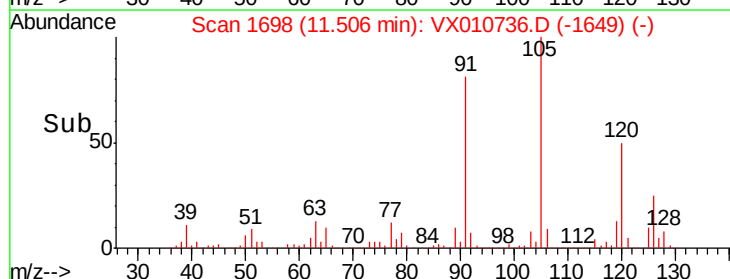
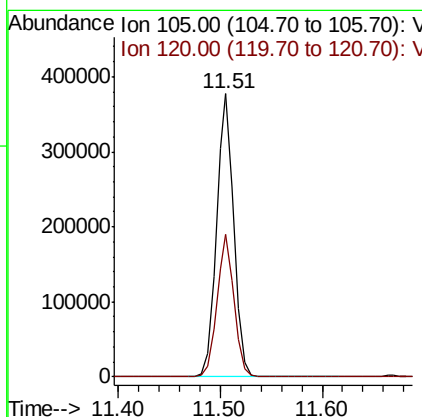
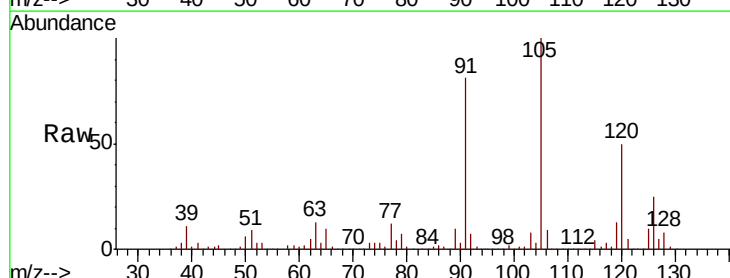
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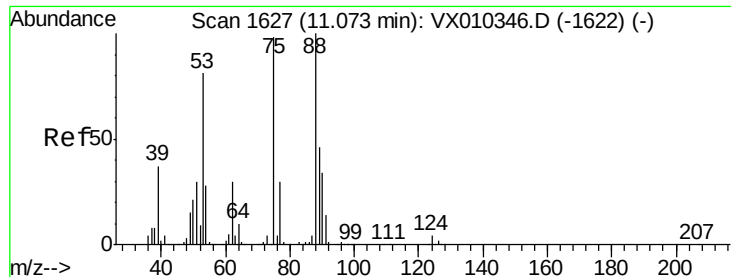
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.375 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion: 105 Resp: 446368
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 38.182 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

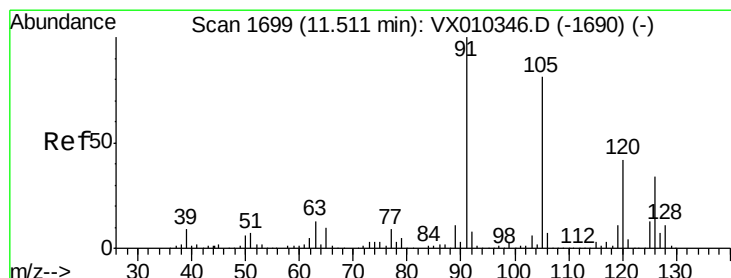
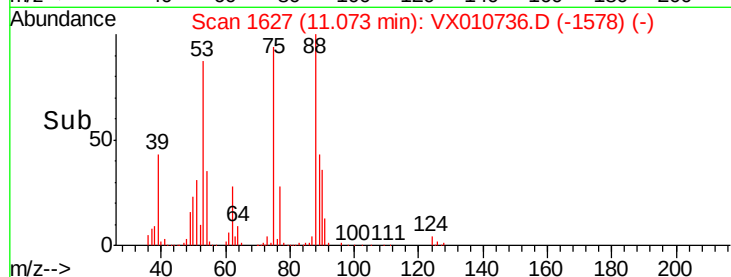
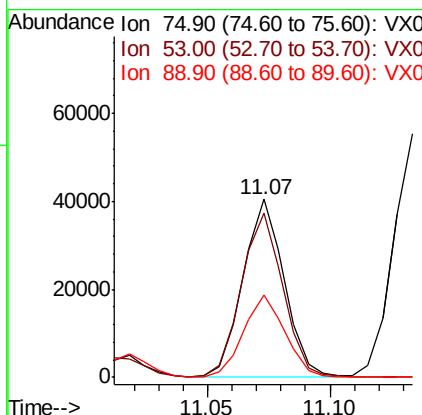
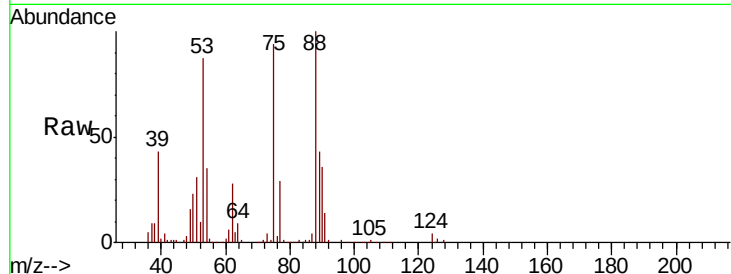
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	47291
Ion	Ratio	Lower	Upper
75	100		
53	92.5	66.1	99.1
89	46.5	37.8	56.6

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#82

4-Chlorotoluene

Concen: 50.496 ug/l

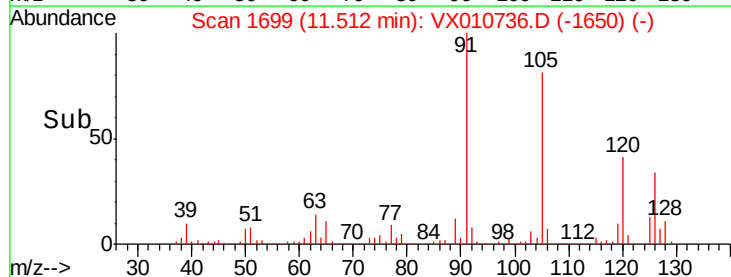
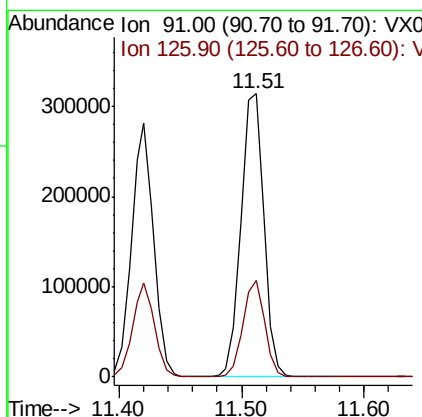
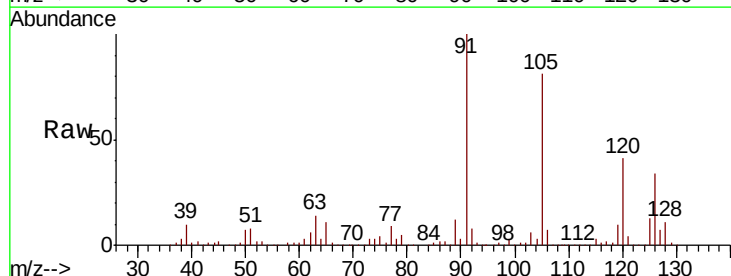
RT: 11.51 min Scan# 1699

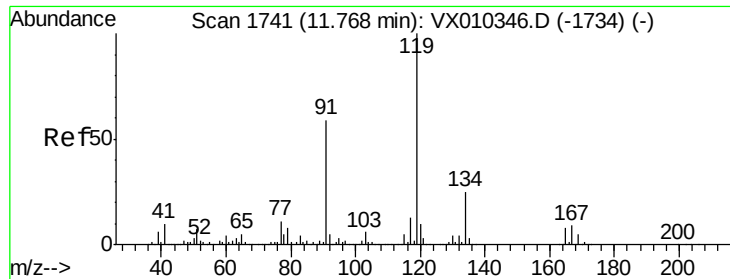
Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Tgt Ion:	91	Resp:	404195
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6





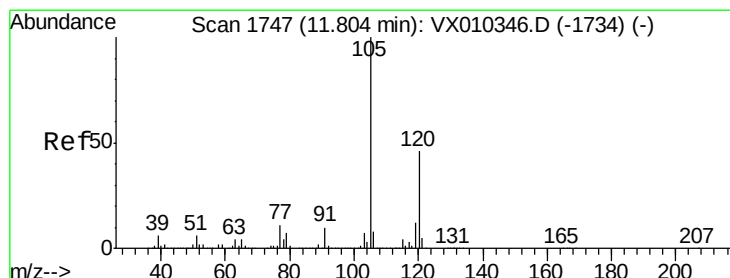
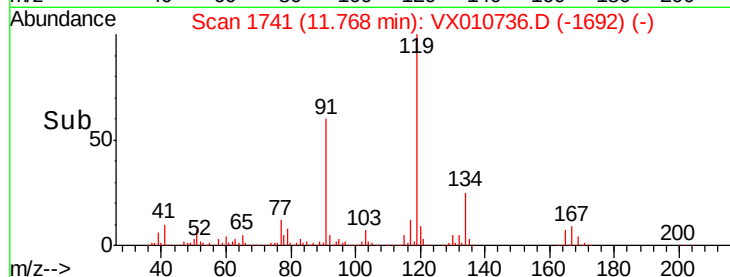
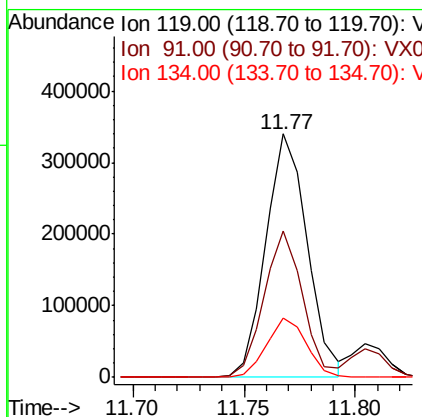
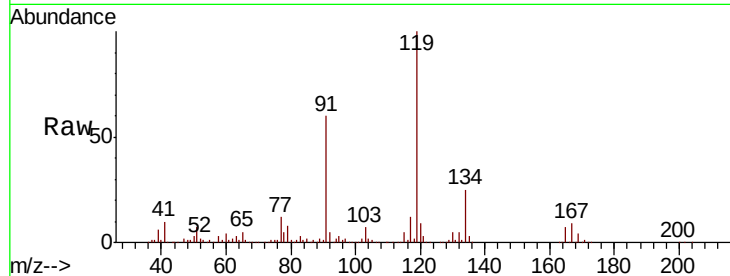
#83
 tert-Butylbenzene
 Concen: 49.523 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.3	27.6	82.7
134	23.6	11.8	35.4

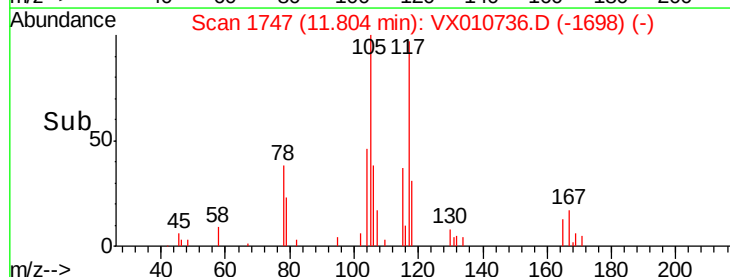
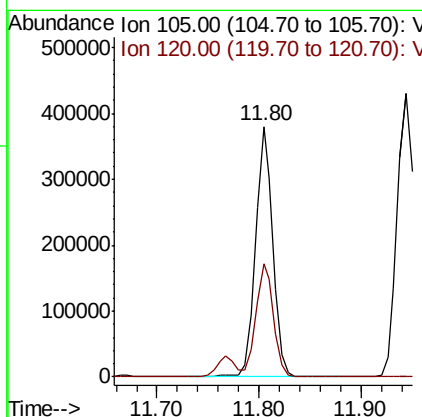
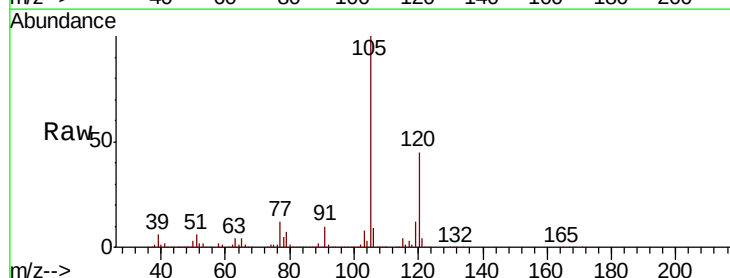
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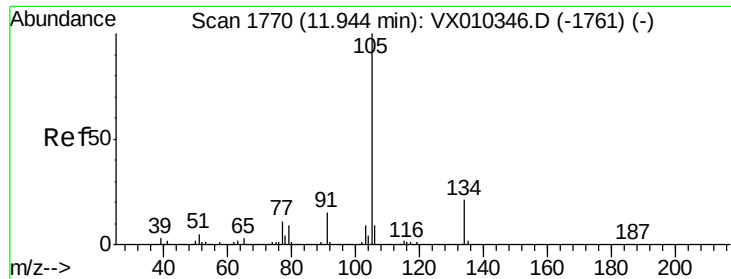
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.838 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.170 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 513445

Ion Ratio Lower Upper

105 100

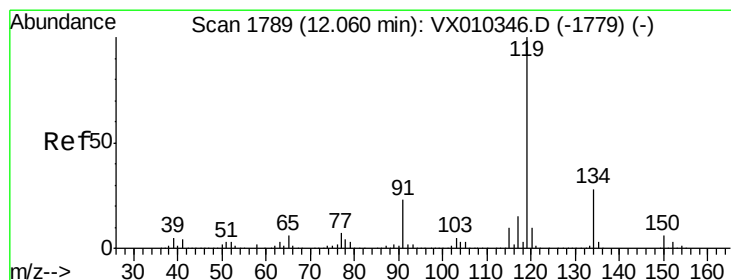
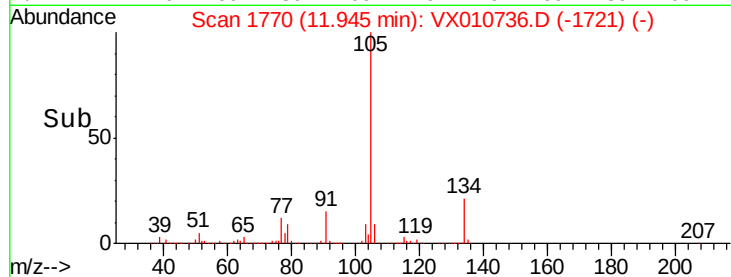
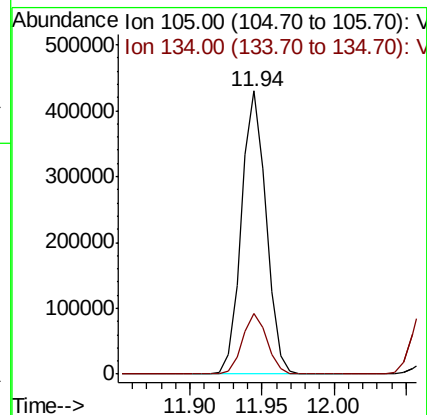
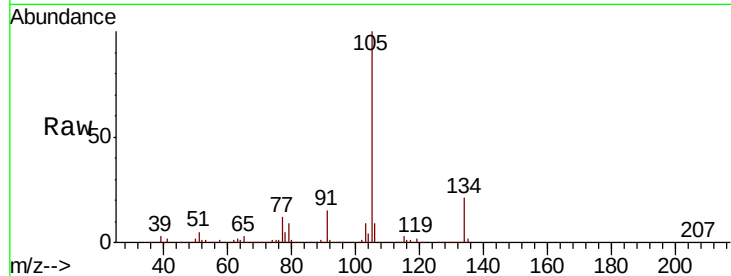
134 21.2 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 49.378 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

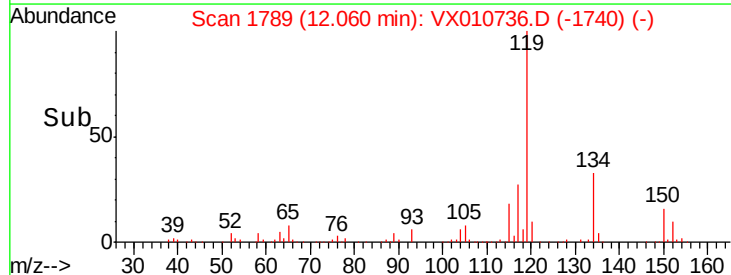
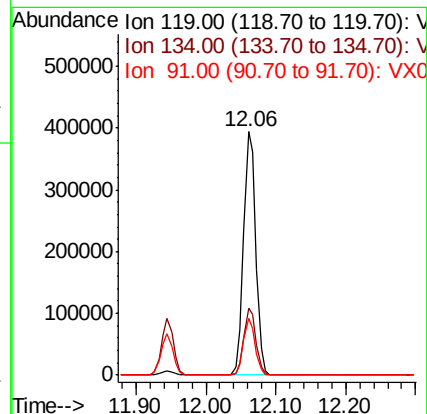
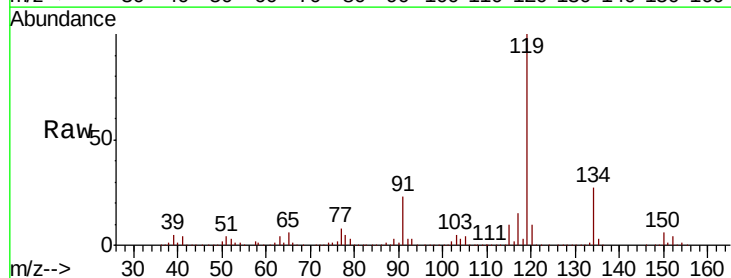
Tgt Ion:119 Resp: 476928

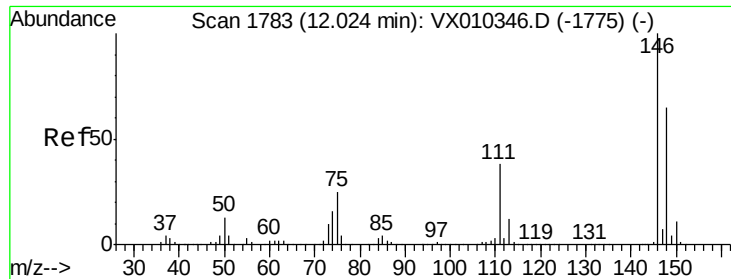
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.4 11.3 33.8





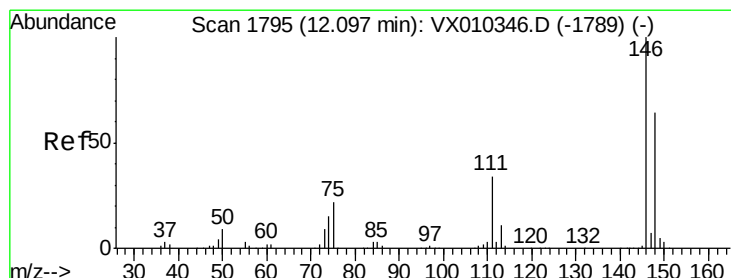
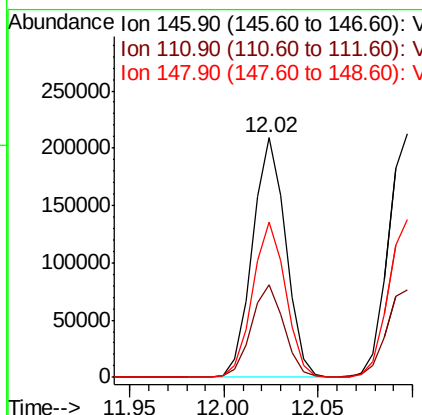
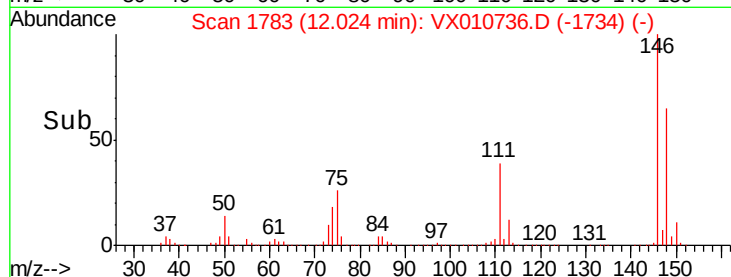
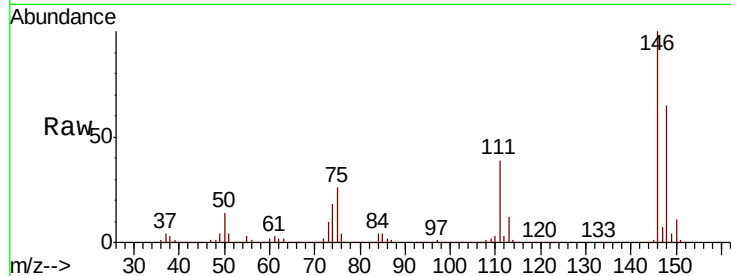
#87
 1,3-Dichlorobenzene
 Concen: 48.818 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.3	32.5	97.4

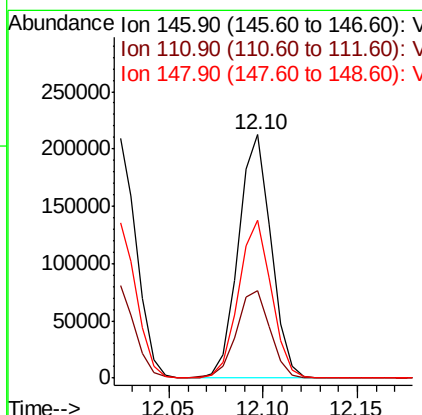
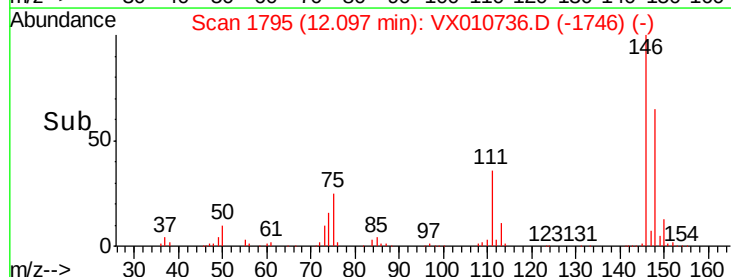
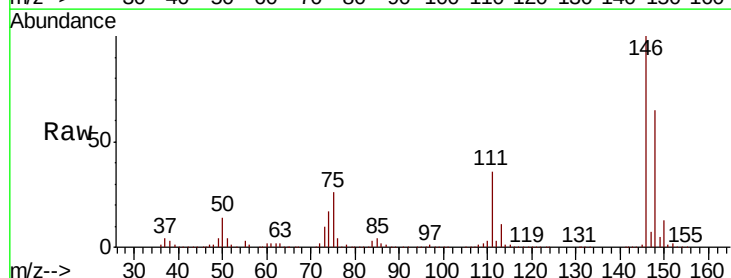
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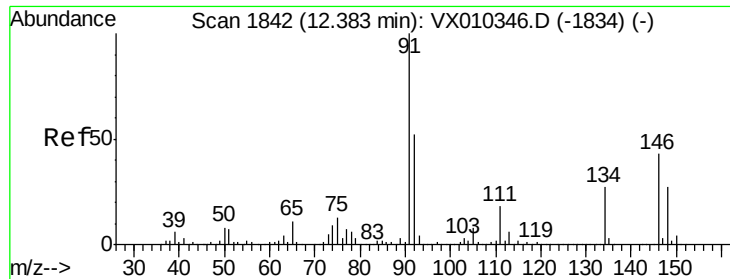
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#88
 1,4-Dichlorobenzene
 Concen: 47.810 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.3
148	65.2	32.1	96.3





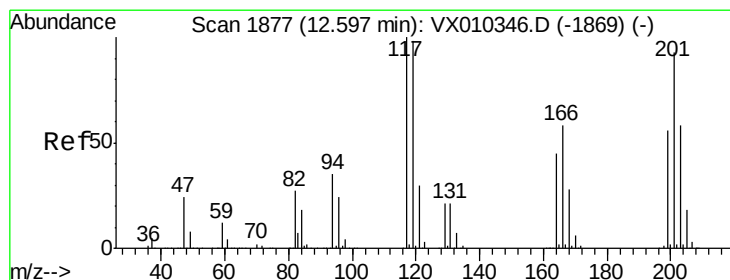
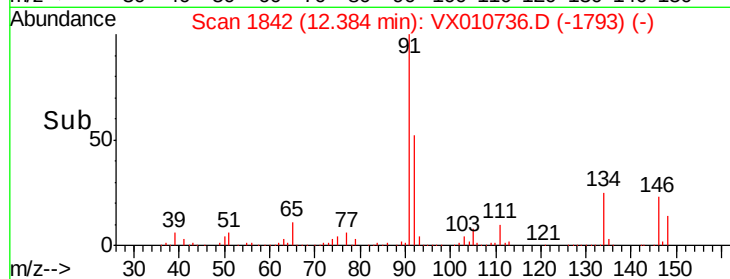
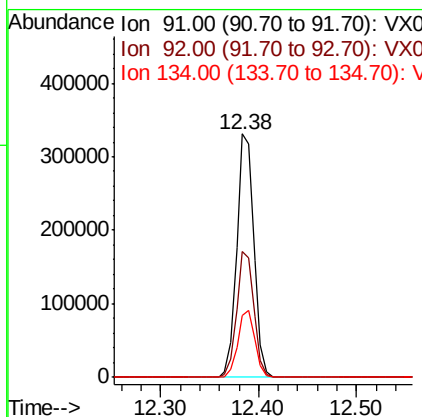
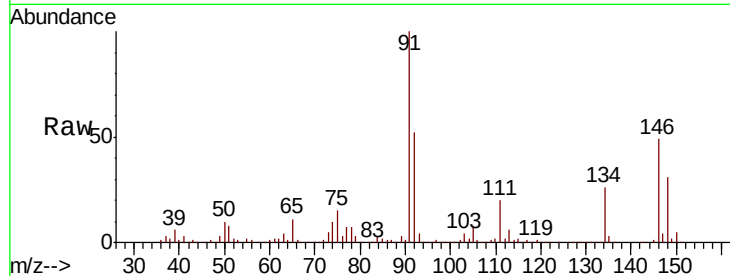
#89
n-Butylbenzene
Concen: 48.826 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.2	78.5
134	27.3	14.1	42.4

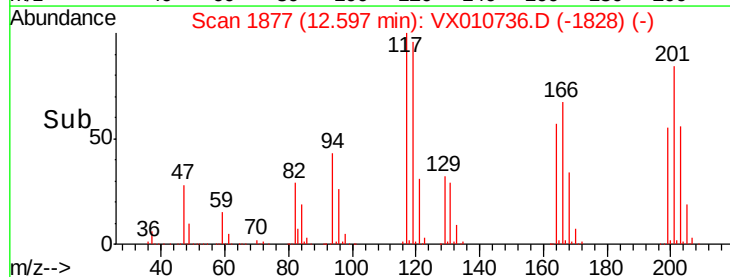
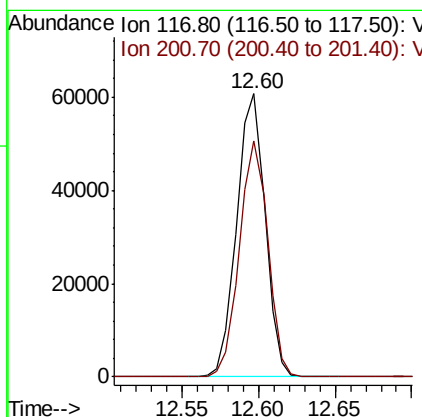
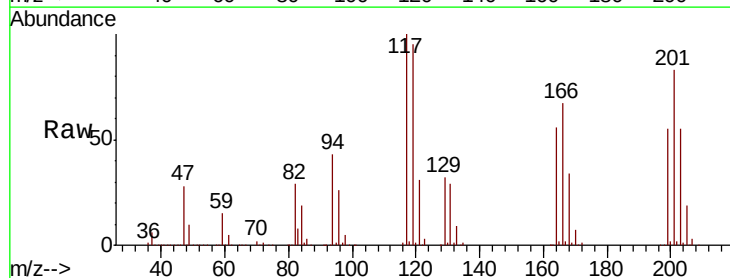
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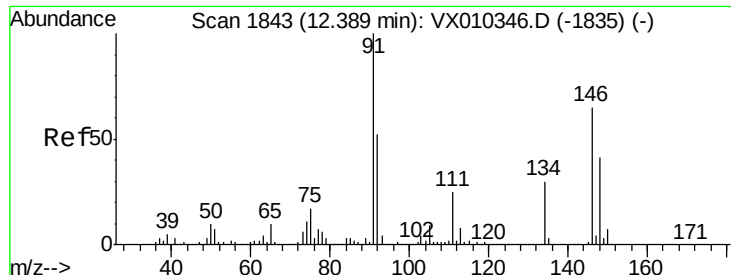
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#90
Hexachloroethane
Concen: 46.889 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010736.D
Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.1	44.0	131.8





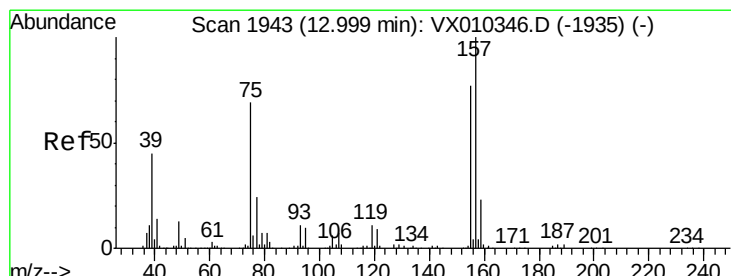
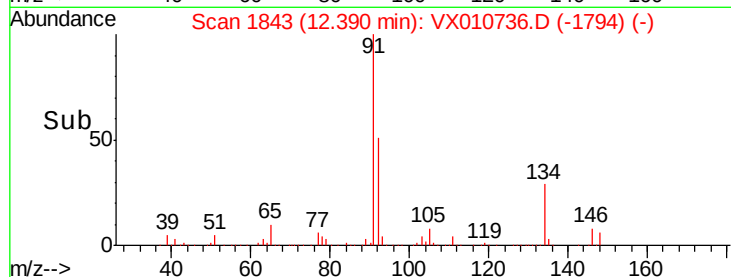
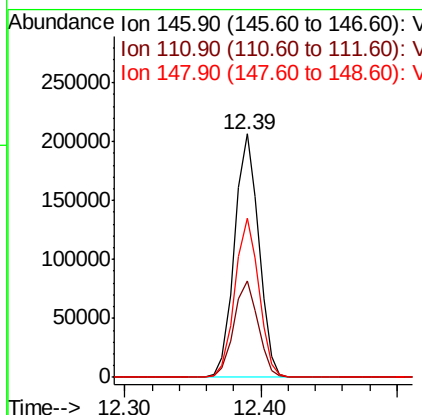
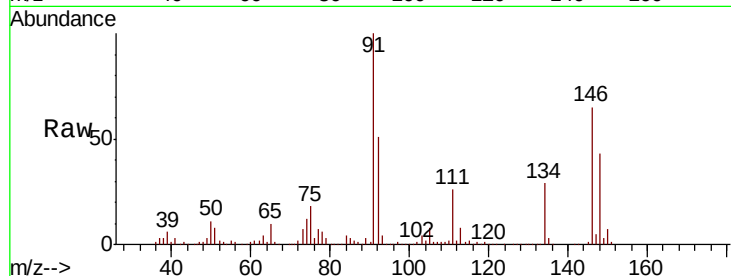
#91
 1,2-Dichlorobenzene
 Concen: 49.148 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	255905		
111	39.5	19.2	57.6	
148	64.7	32.0	96.0	

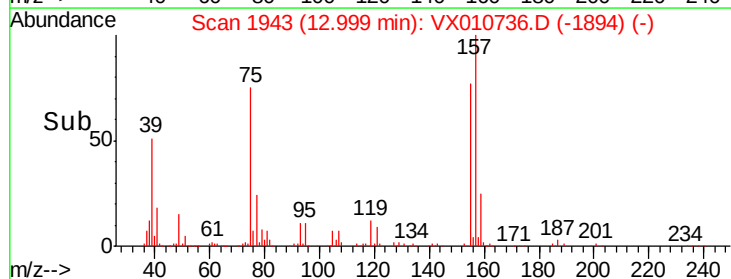
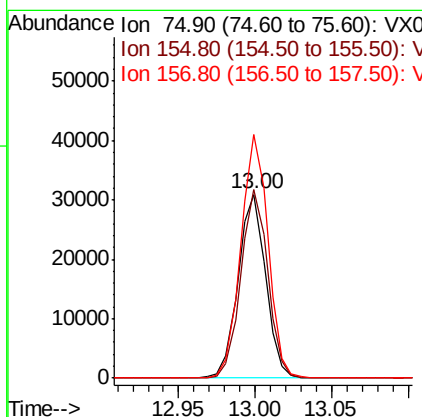
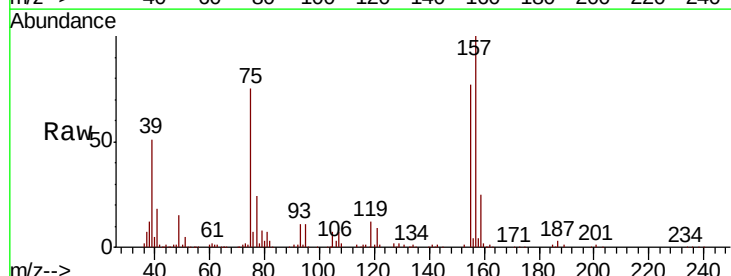
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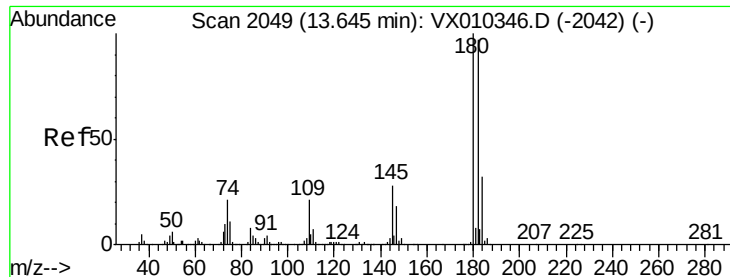
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.185 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38516		
155	100.2	54.4	163.1	
157	130.3	69.5	208.3	





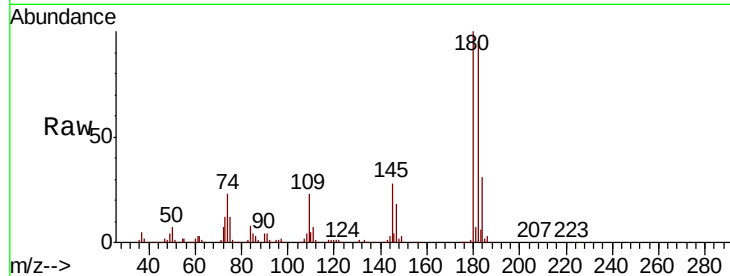
#93
 1,2,4-Trichlorobenzene
 Concen: 47.814 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

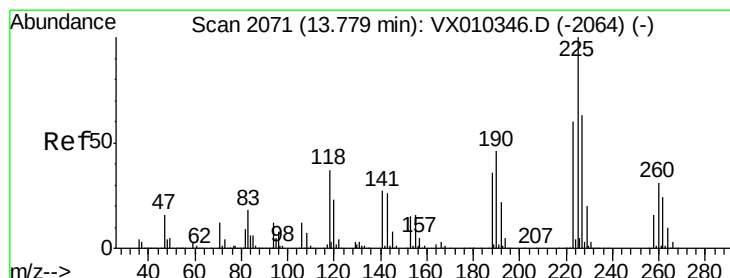
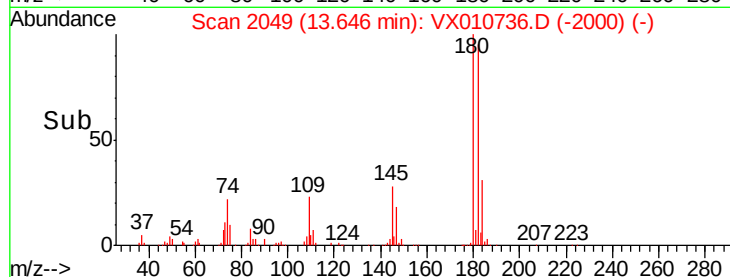
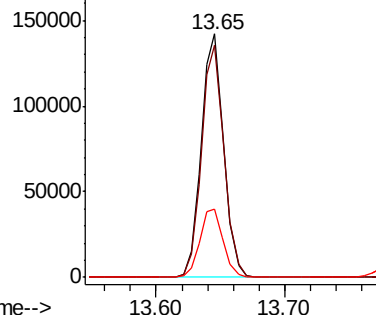
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	172649		
182	95.7	48.0	144.0	
145	29.4	14.4	43.4	

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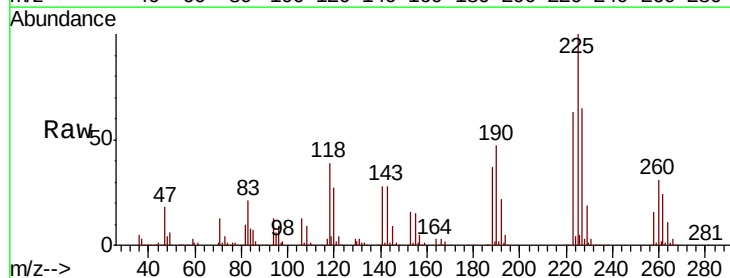


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

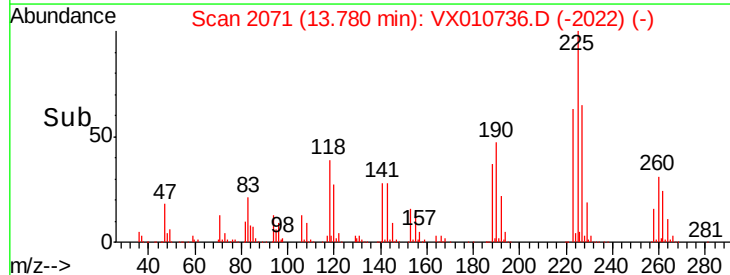
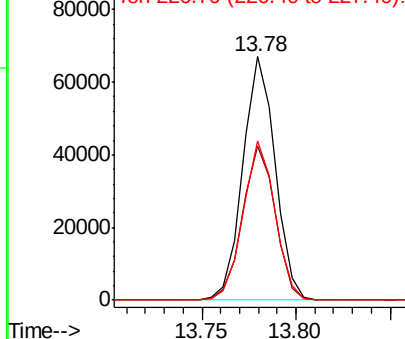


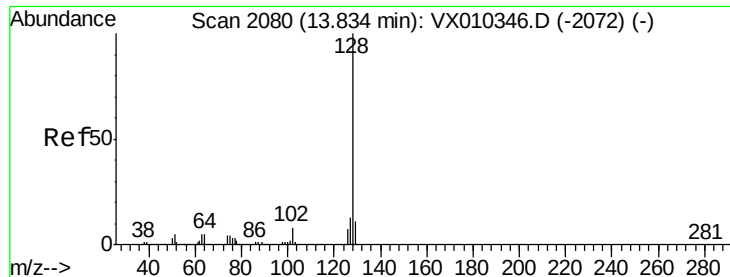
#94
 Hexachlorobutadiene
 Concen: 45.129 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010736.D
 Acq: 09 Jul 2019 07:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79642		
223	64.0	30.9	92.7	
227	64.8	31.9	95.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.974 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Instrument :

MSVOA_X

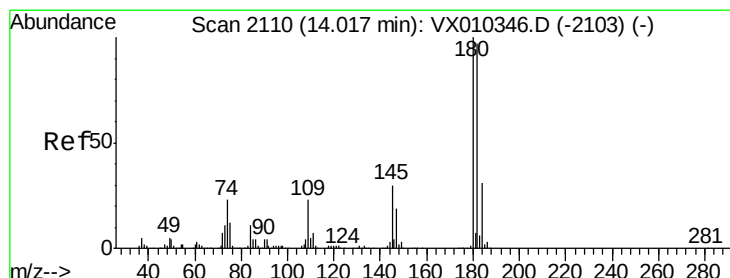
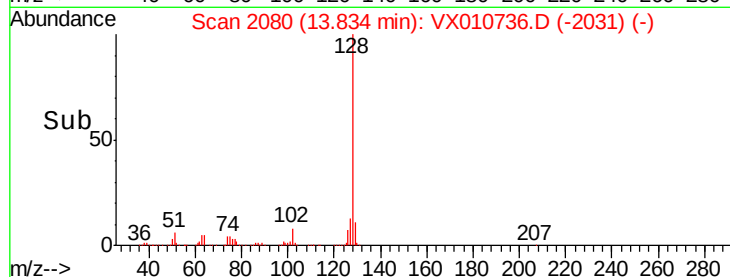
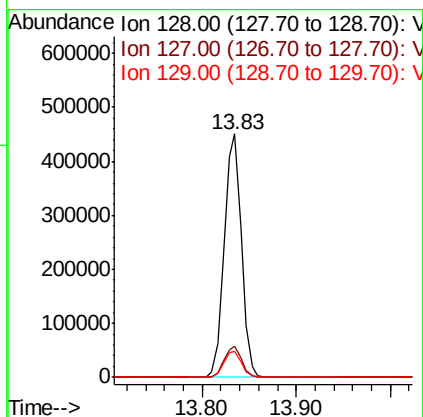
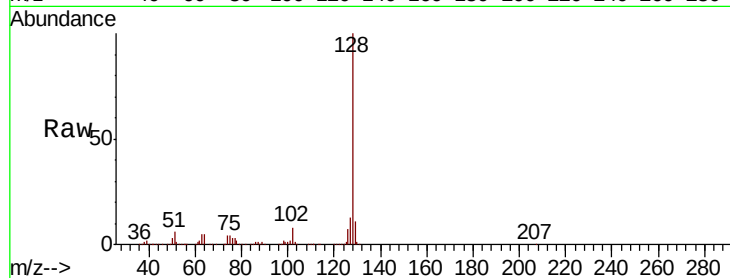
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	565630
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.895 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010736.D

Acq: 09 Jul 2019 07:47

Tgt Ion:	180	Resp:	179131
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.8	143.3
145	30.5	15.2	45.6

