

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010633.D
 Acq On : 03 Jul 2019 12:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 2:41:13 PM

Quant Time: Jul 04 03:49:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	250696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	362810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111734	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.49	113	107371	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.71	98	399755	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	146309	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104748	60.100	ug/l	99
3) Chloromethane	1.32	50	102401	50.456	ug/l	99
4) Vinyl Chloride	1.41	62	113083	50.871	ug/l	99
5) Bromomethane	1.64	94	55479	51.229	ug/l	98
6) Chloroethane	1.71	64	71880	54.808	ug/l	98
7) Trichlorofluoromethane	1.92	101	196792	55.846	ug/l	97
8) Diethyl Ether	2.19	74	66377	52.525	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112407	52.638	ug/l	99
10) Methyl Iodide	2.51	142	125281	41.108	ug/l	97
11) Tert butyl alcohol	3.05	59	130561	212.275	ug/l	99
12) 1,1-Dichloroethene	2.37	96	111350	51.243	ug/l	98
13) Acrolein	2.29	56	105319	258.127	ug/l	100
14) Allyl chloride	2.73	41	158457	51.364	ug/l	98
15) Acrylonitrile	3.14	53	303334	249.096	ug/l	100
16) Acetone	2.45	43	347923	295.348	ug/l	98
17) Carbon Disulfide	2.57	76	293416	50.330	ug/l	99
18) Methyl Acetate	2.77	43	116471	49.608	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	347602	50.849	ug/l	100
20) Methylene Chloride	2.85	84	122549	50.551	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	118783	50.826	ug/l	96
22) Diisopropyl ether	3.85	45	331054	51.326	ug/l	92
23) Vinyl Acetate	3.81	43	1480806	265.752	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192184	51.547	ug/l	99
25) 2-Butanone	4.67	43	450454	260.680	ug/l	99
26) 2,2-Dichloropropane	4.58	77	165348	51.052	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	134730	49.888	ug/l	98
28) Bromochloromethane	5.01	49	82385	46.216	ug/l	94
29) Tetrahydrofuran	5.12	42	262286	245.051	ug/l	99
30) Chloroform	5.21	83	203573	50.747	ug/l	99
31) Cyclohexane	5.57	56	177798	52.368	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	182573	51.543	ug/l	99
36) 1,1-Dichloropropene	5.79	75	152177	52.783	ug/l	98
37) Ethyl Acetate	4.83	43	156245	52.679	ug/l	98
38) Carbon Tetrachloride	5.78	117	160121	51.288	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203470	53.690	ug/l	98
40) Benzene	6.14	78	470808	52.416	ug/l	98
41) Methacrylonitrile	5.04	41	83129	51.081	ug/l	99
42) 1,2-Dichloroethane	6.19	62	150865	55.177	ug/l	98
43) Isopropyl Acetate	6.44	43	253158	51.589	ug/l	98
44) Trichloroethene	7.21	130	138135	51.395	ug/l	98
45) 1,2-Dichloropropane	7.51	63	117615	51.853	ug/l	98
46) Dibromomethane	7.66	93	84231	51.758	ug/l	97
47) Bromodichloromethane	7.90	83	154728	51.880	ug/l	98
48) Methyl methacrylate	7.77	41	120750	52.939	ug/l	98
49) 1,4-Dioxane	7.74	88	61597	937.437	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	819119	260.994	ug/l	98
52) Toluene	8.78	92	308967	52.234	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	172770	51.670	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	191072	52.583	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127370	52.211	ug/l	99
56) Ethyl methacrylate	9.18	69	189979	51.408	ug/l	96
57) 1,3-Dichloropropane	9.37	76	199160	52.592	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	415884	236.956	ug/l	99
59) 2-Hexanone	9.49	43	640819	259.433	ug/l	98
60) Dibromochloromethane	9.58	129	138350	50.651	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138022	52.417	ug/l	100
64) Tetrachloroethene	9.34	164	134048	50.221	ug/l	98
65) Chlorobenzene	10.13	112	343064	51.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	127326	52.174	ug/l	99
67) Ethyl Benzene	10.25	91	600245	53.069	ug/l	99
68) m/p-Xylenes	10.35	106	466129	106.359	ug/l	99
69) o-Xylene	10.69	106	222976	51.736	ug/l	99
70) Styrene	10.71	104	381850	52.830	ug/l	99
71) Bromoform	10.85	173	105813	49.859	ug/l	99
73) Isopropylbenzene	11.02	105	604823	51.334	ug/l	99
74) N-amyl acetate	10.90	43	229946	51.642	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	188869	48.404	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	159161m	50.252	ug/l	
77) Bromobenzene	11.26	156	164741	50.075	ug/l	99
78) n-propylbenzene	11.36	91	685607	52.946	ug/l	99
79) 2-Chlorotoluene	11.42	91	391687	50.797	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	502118	51.696	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62068	45.717	ug/l	94
82) 4-Chlorotoluene	11.51	91	458406	52.245	ug/l	100
83) tert-Butylbenzene	11.77	119	502228	51.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	508459	52.104	ug/l	100
85) sec-Butylbenzene	11.94	105	601326	52.534	ug/l	99
86) p-Isopropyltoluene	12.06	119	554735	52.395	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	287150	50.002	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	289544	49.525	ug/l	99
89) n-Butylbenzene	12.38	91	487139	54.146	ug/l	99
90) Hexachloroethane	12.59	117	90456	49.410	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	275116	48.202	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39466	46.912	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	199759	50.468	ug/l	99
94) Hexachlorobutadiene	13.78	225	98747	51.046	ug/l	99
95) Naphthalene	13.83	128	597414	49.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	196059	49.820	ug/l	99

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

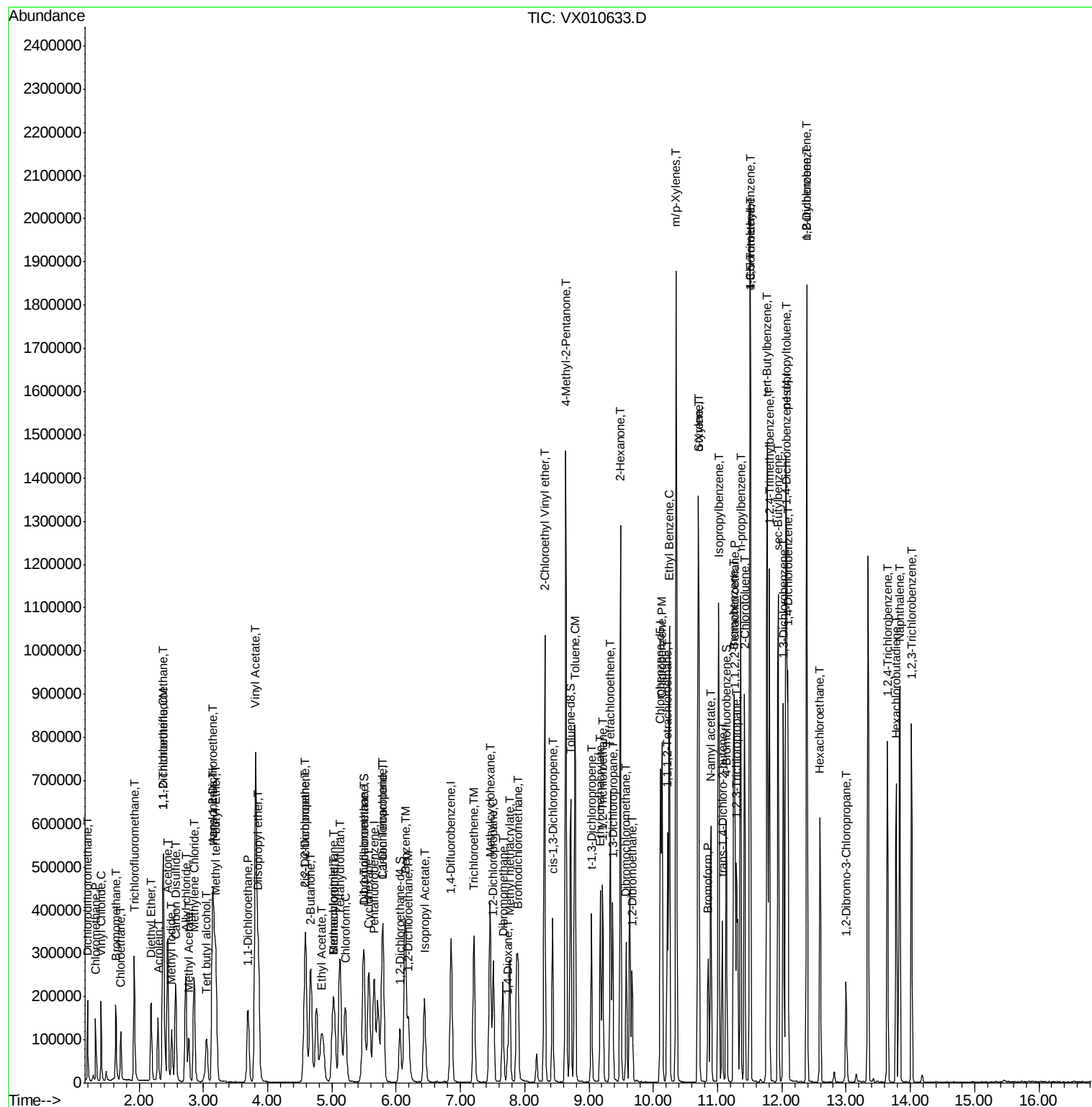
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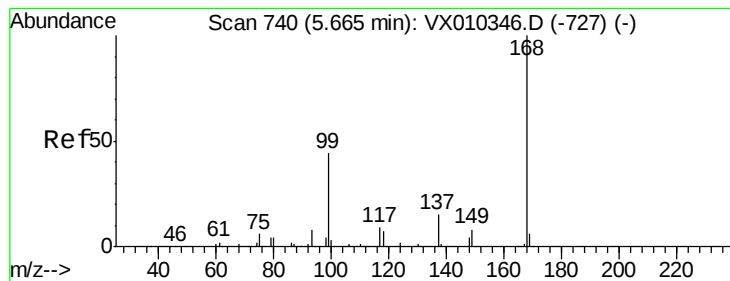
Instrument :
 MSVOA_X
 Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 250696

Ion Ratio Lower Upper

168 100

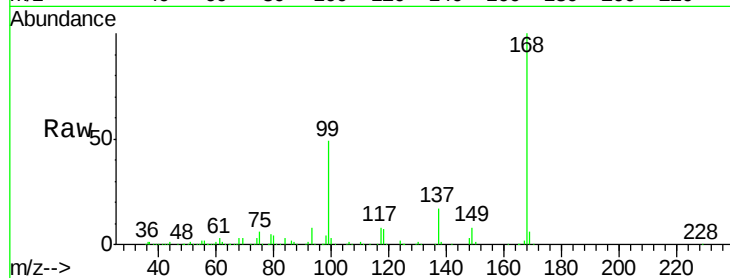
99 48.6 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

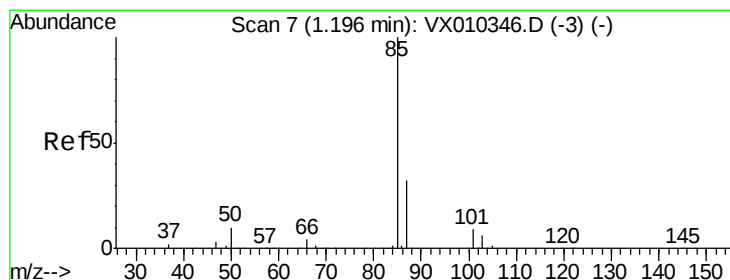
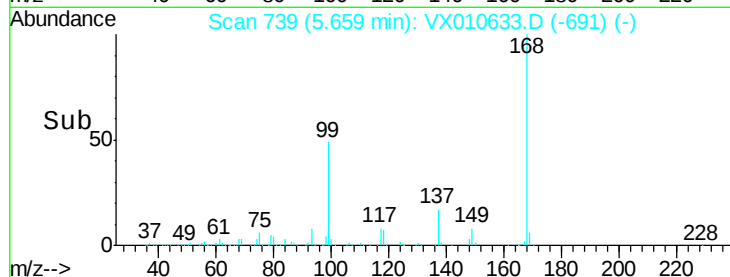
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 60.100 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010633.D

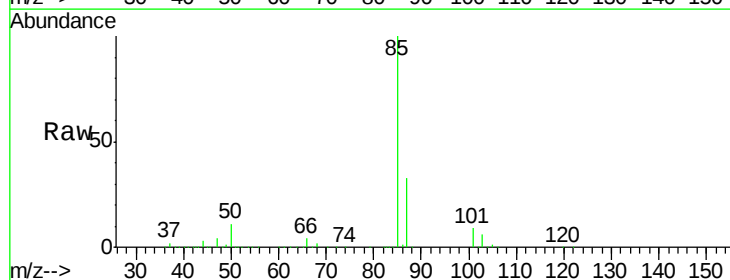
Acq: 03 Jul 2019 12:20

Tgt Ion: 85 Resp: 104748

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

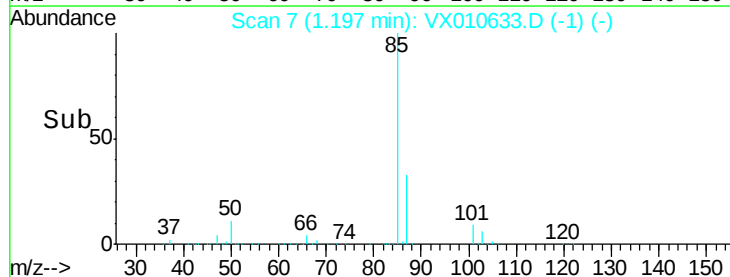
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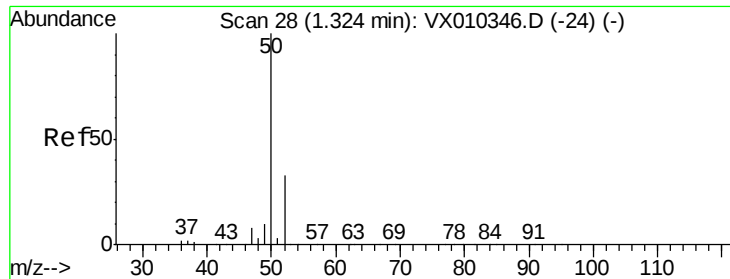
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.456 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 102401

Ion Ratio Lower Upper

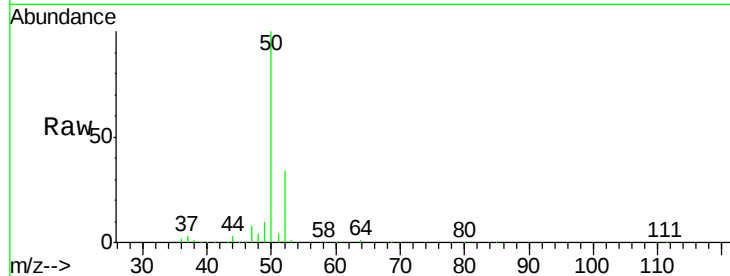
50 100

52 33.8 26.5 39.7

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

60000

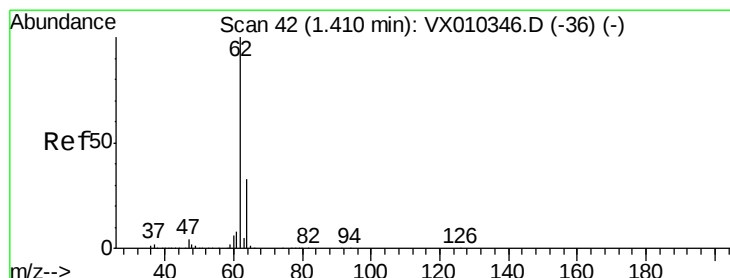
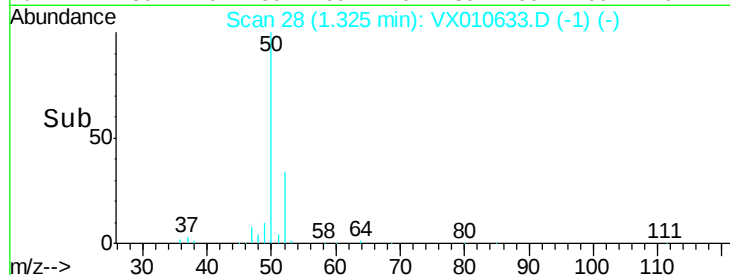
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 50.871 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010633.D

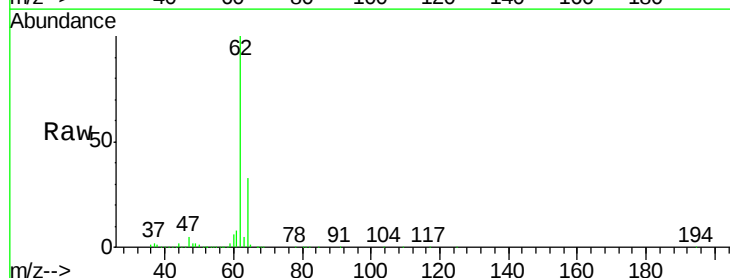
Acq: 03 Jul 2019 12:20

Tgt Ion: 62 Resp: 113083

Ion Ratio Lower Upper

62 100

64 33.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

60000

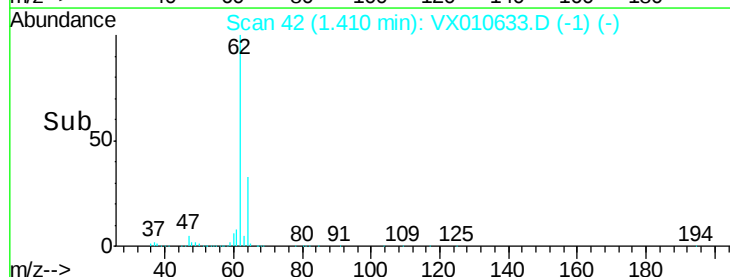
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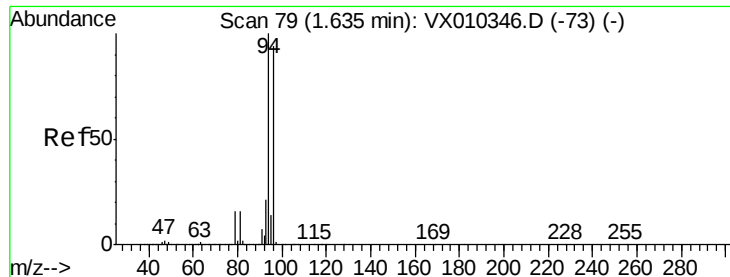
20000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 51.229 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 55479

Ion Ratio Lower Upper

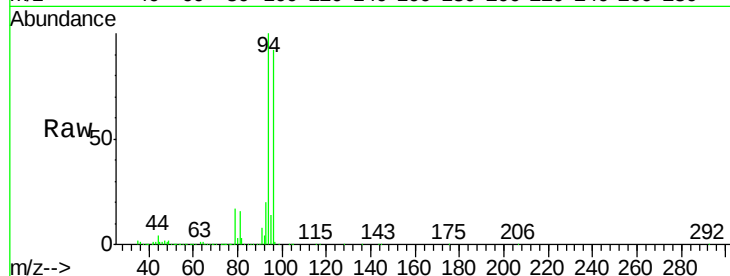
94 100

96 92.4 75.5 113.3

Manual Integrations
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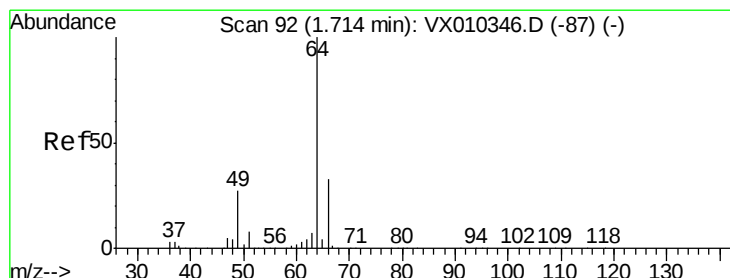
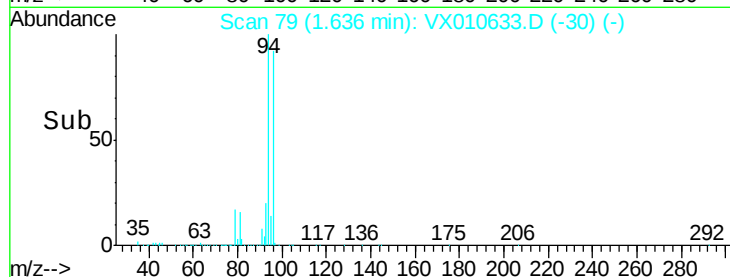
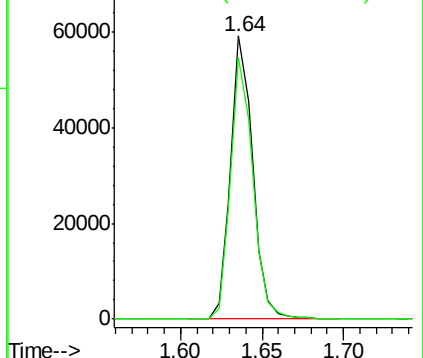
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.808 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010633.D

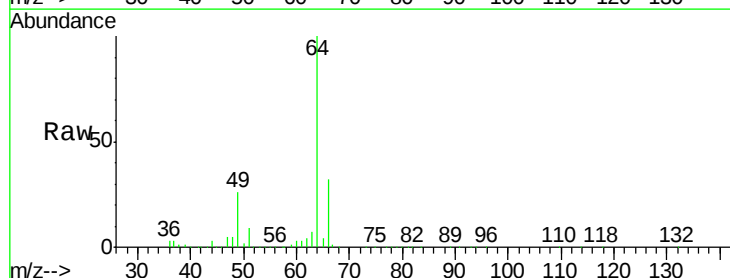
Acq: 03 Jul 2019 12:20

Tgt Ion: 64 Resp: 71880

Ion Ratio Lower Upper

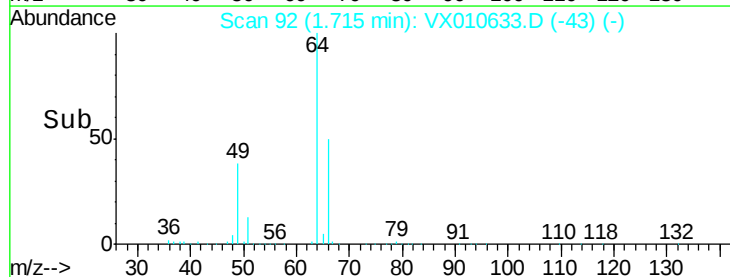
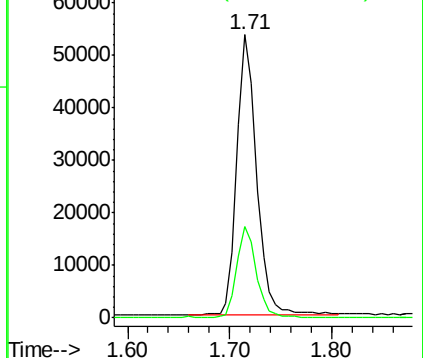
64 100

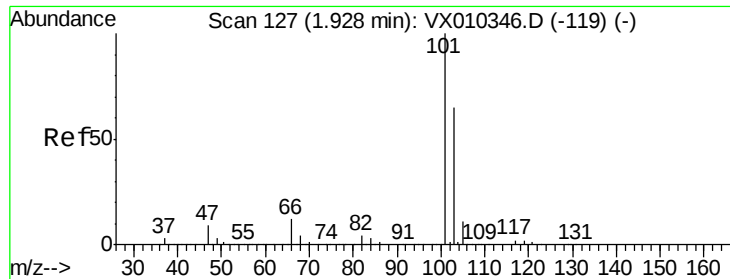
66 32.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

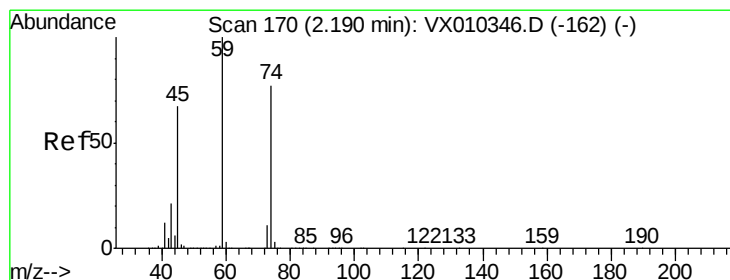
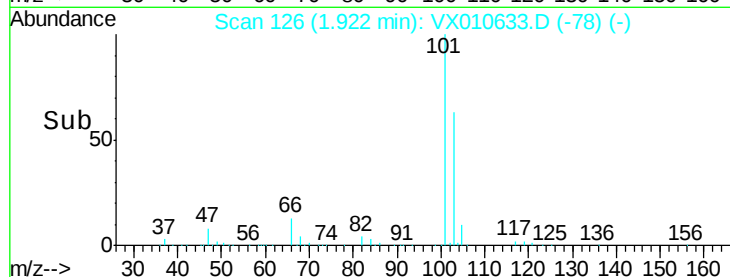
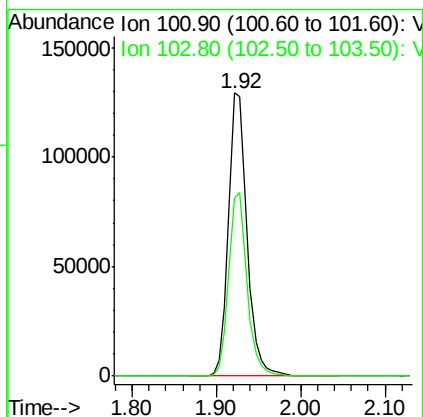
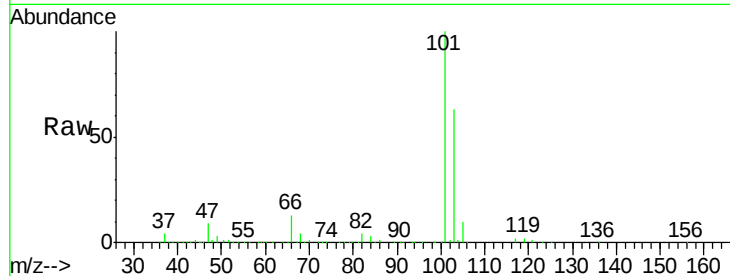
Trichlorofluoromethane
Concen: 55.846 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.3	78.5

Manual Integrations
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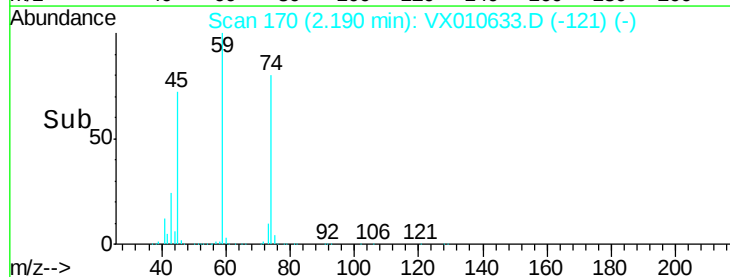
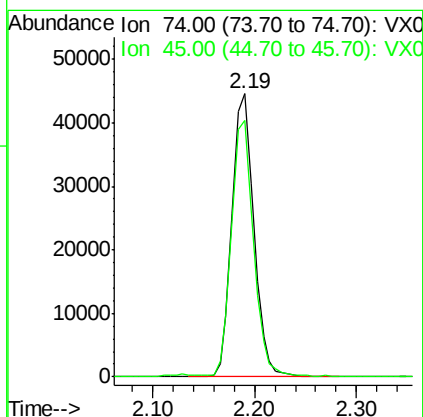
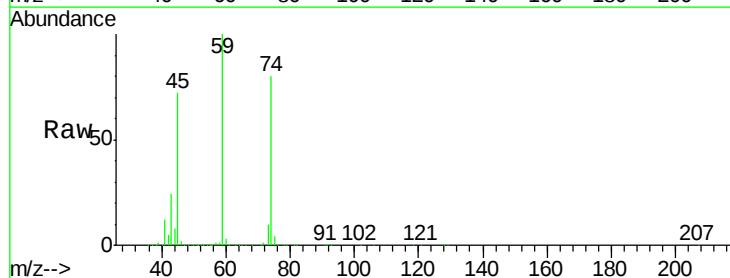
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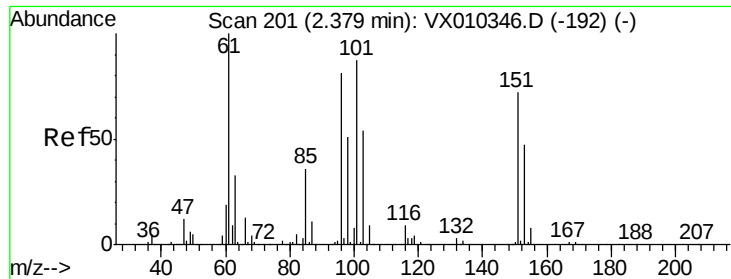


#8

Diethyl Ether
Concen: 52.525 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.5	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.638 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

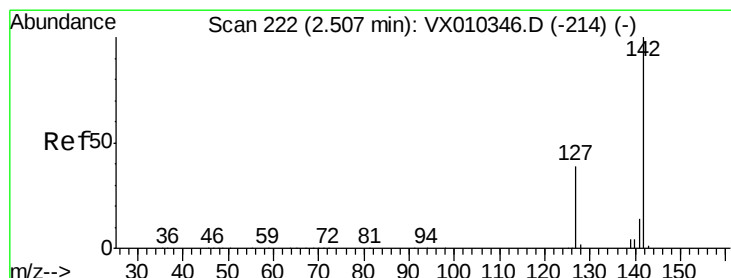
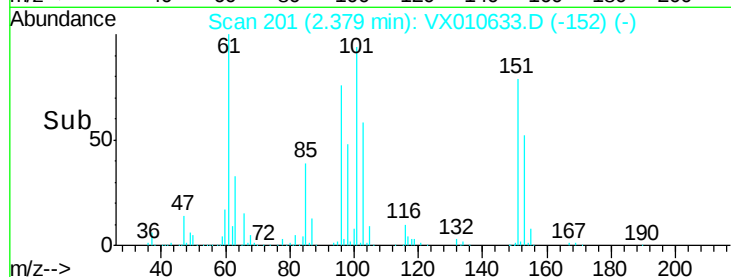
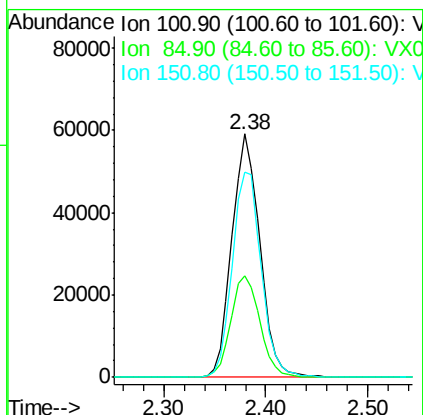
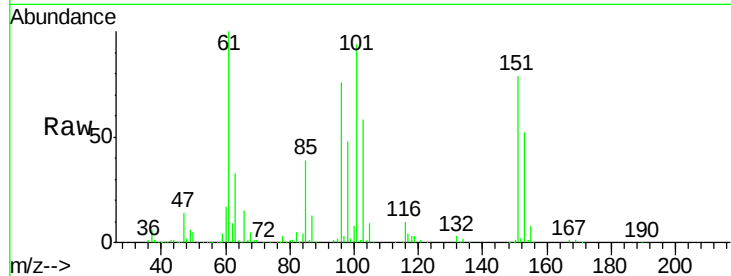
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	112407
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.7	50.5
151	87.2	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 41.108 ug/l

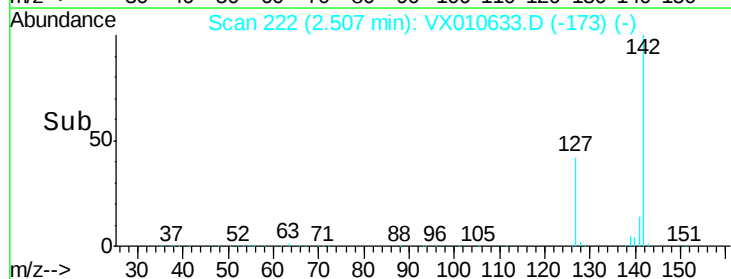
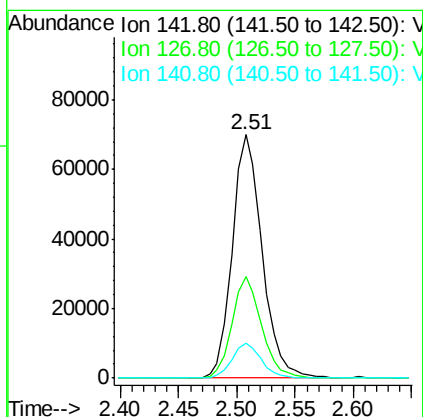
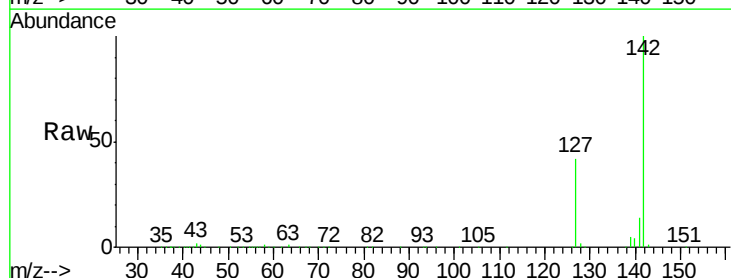
RT: 2.51 min Scan# 222

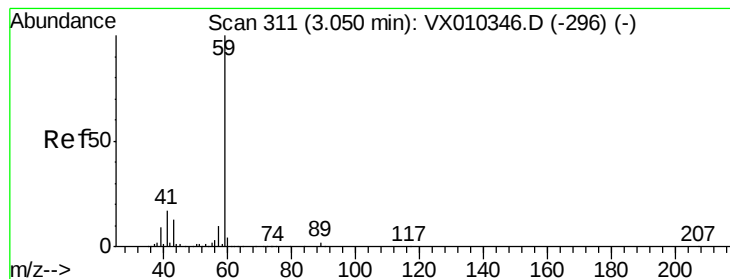
Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	142	Resp:	125281
Ion Ratio	Lower	Upper	
142	100		
127	41.5	31.1	46.7
141	14.2	11.2	16.8





#11

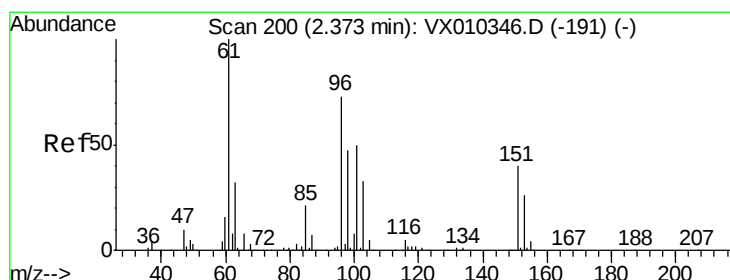
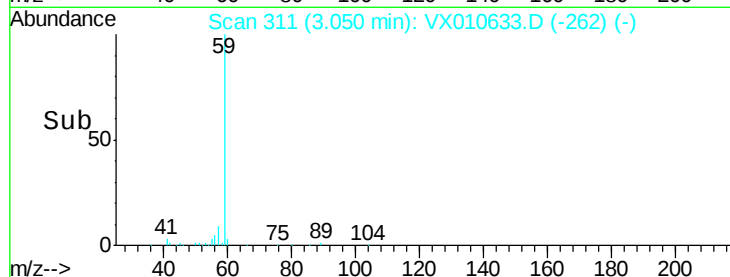
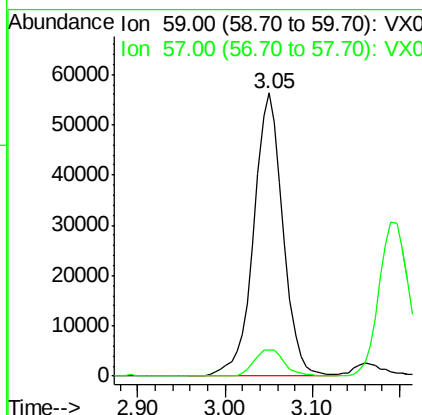
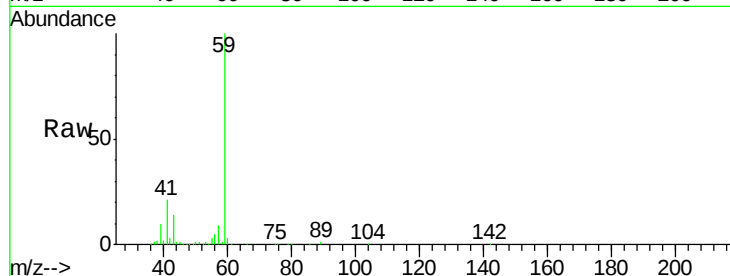
Tert butyl alcohol
Concen: 212.275 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.7	11.5

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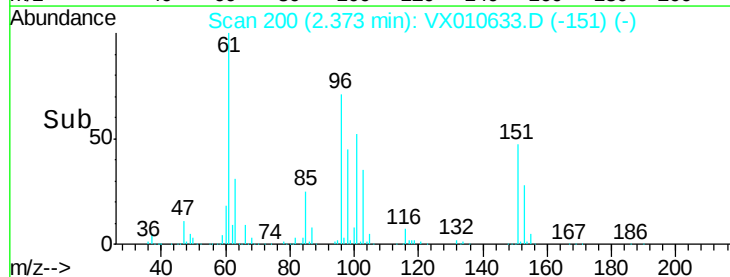
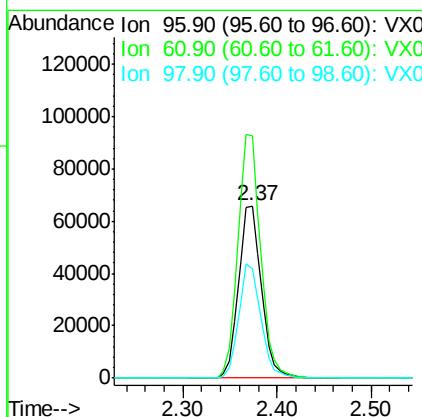
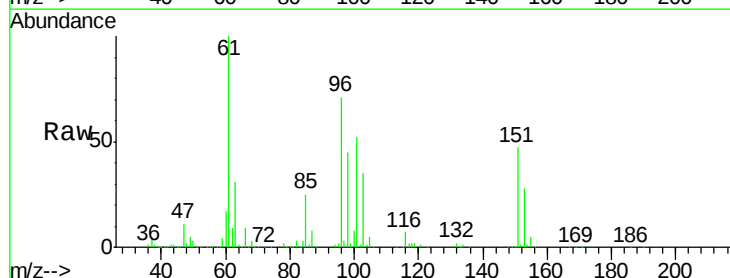
MMDadoda
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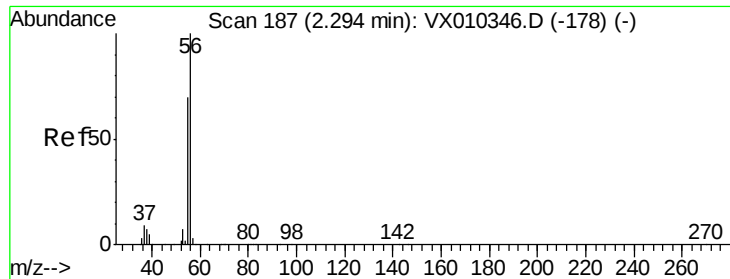


#12

1,1-Dichloroethene
Concen: 51.243 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.1	109.2	163.8
98	63.1	51.1	76.7





#13

Acrolein

Concen: 258.127 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 105319

Ion Ratio Lower Upper

56 100

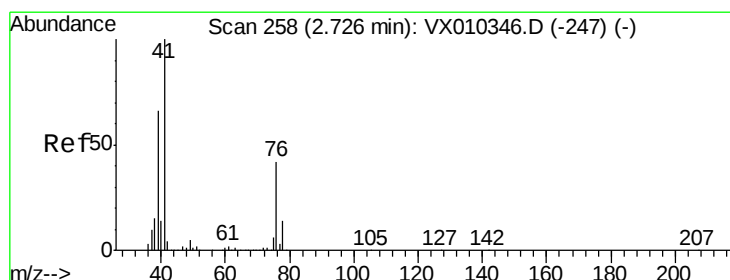
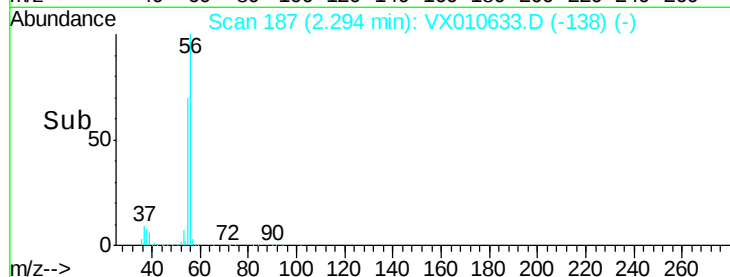
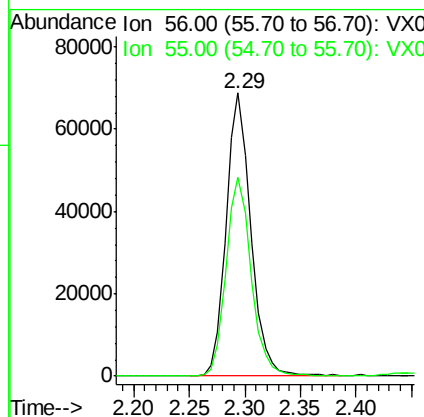
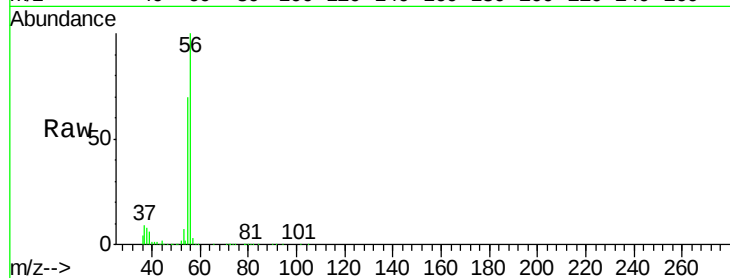
55 71.5 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 51.364 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

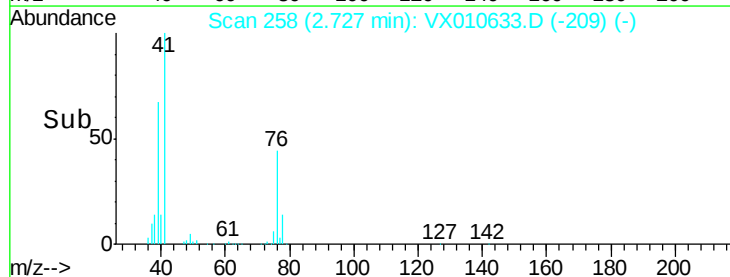
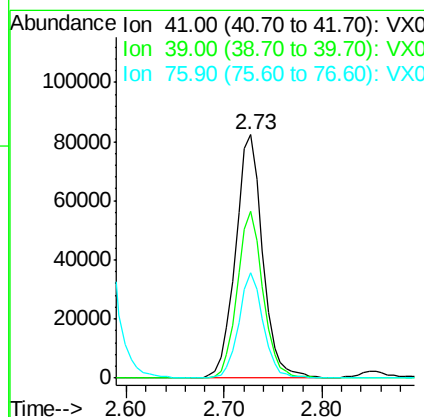
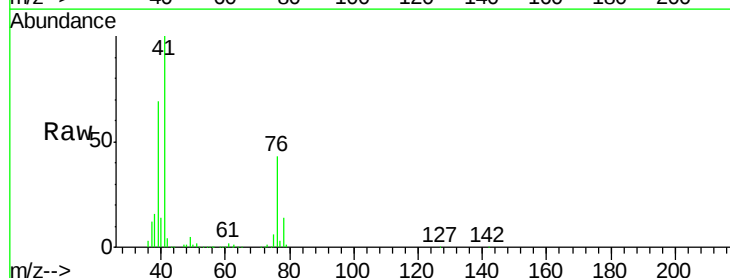
Tgt Ion: 41 Resp: 158457

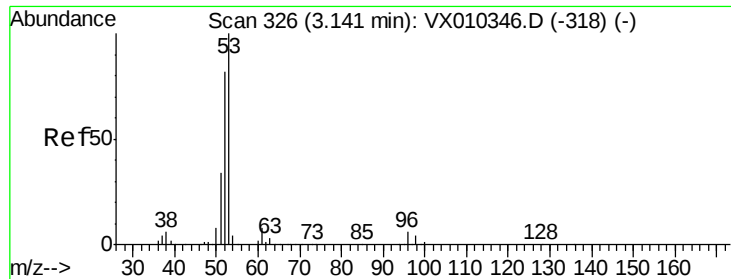
Ion Ratio Lower Upper

41 100

39 64.9 50.3 75.5

76 38.8 31.3 46.9





#15

Acrylonitrile

Concen: 249.096 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

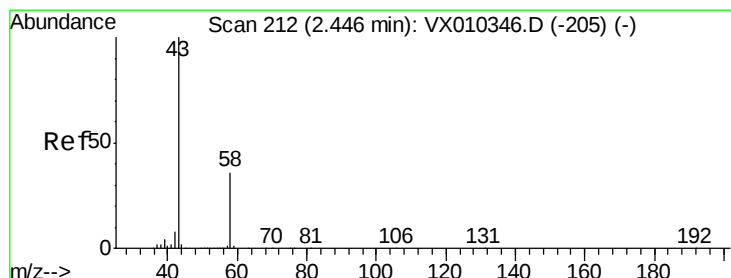
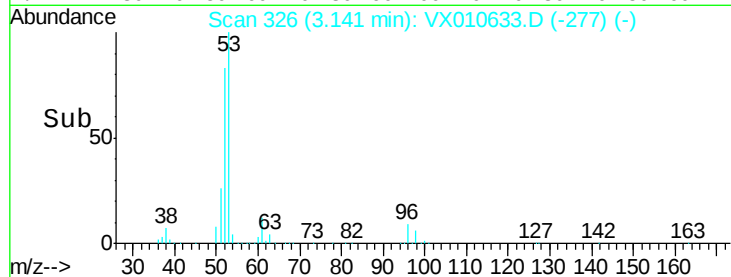
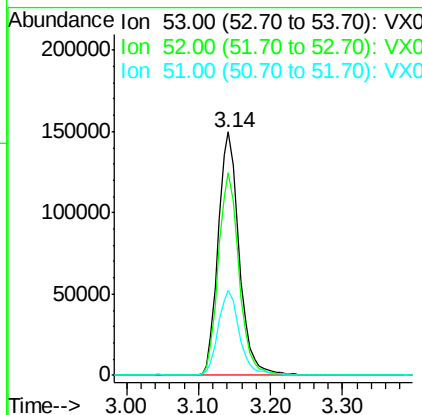
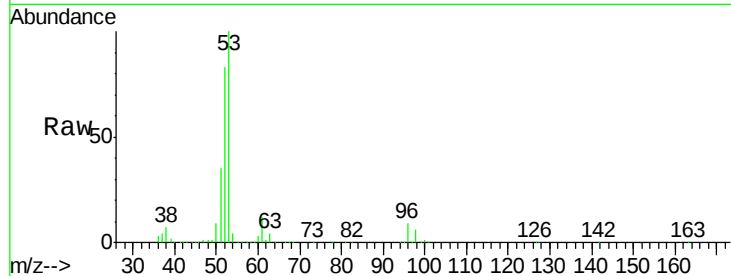
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	303334
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.5	98.3
51	35.3	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 295.348 ug/l

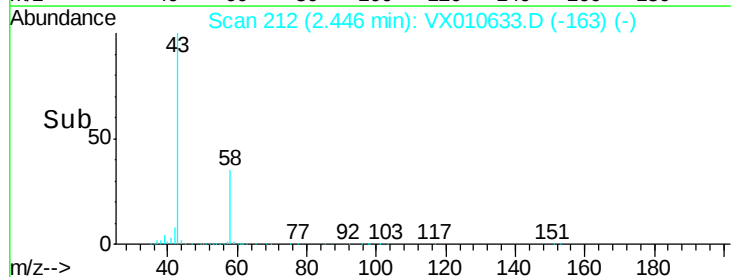
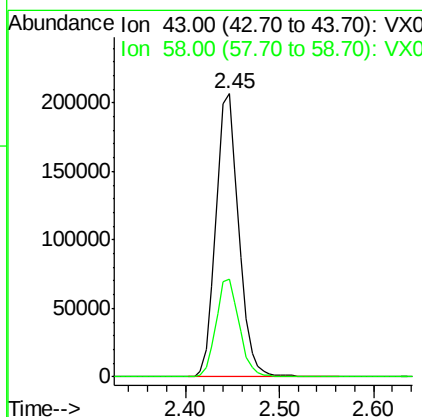
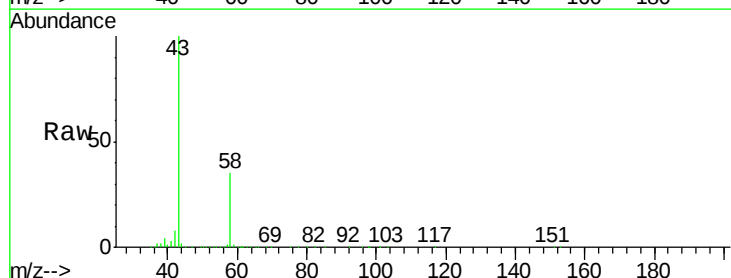
RT: 2.45 min Scan# 212

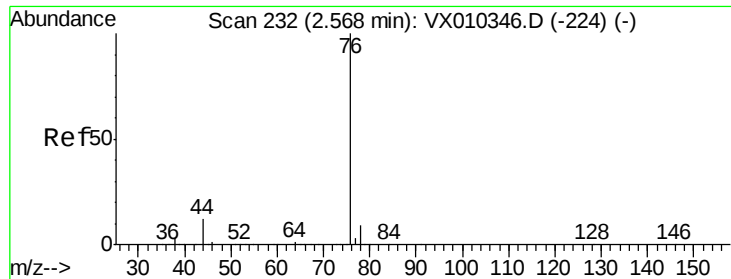
Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	43	Resp:	347923
Ion Ratio	Lower	Upper	
43	100		
58	34.7	28.9	43.3





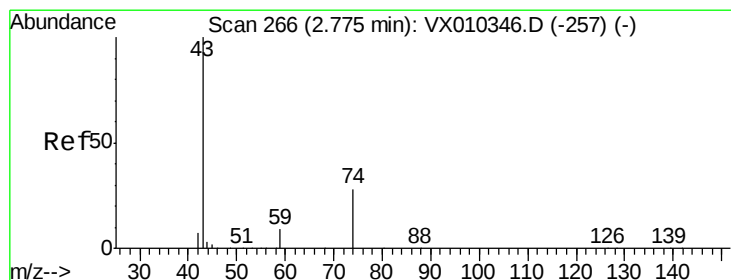
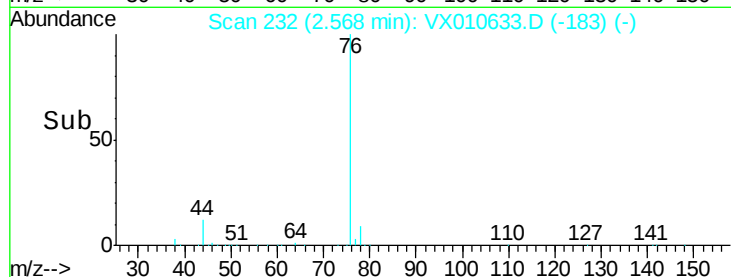
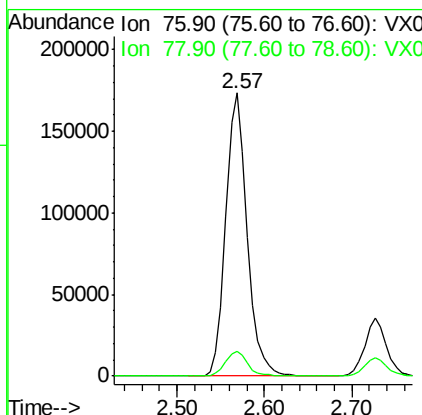
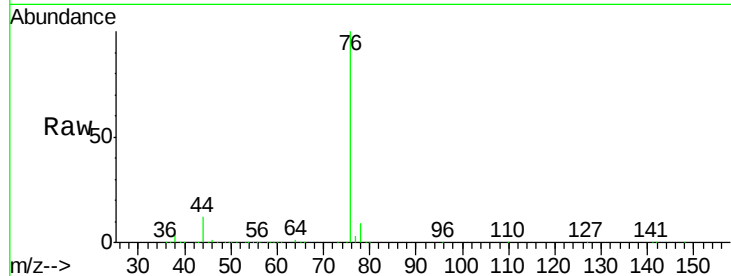
#17
Carbon Disulfide
Concen: 50.330 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

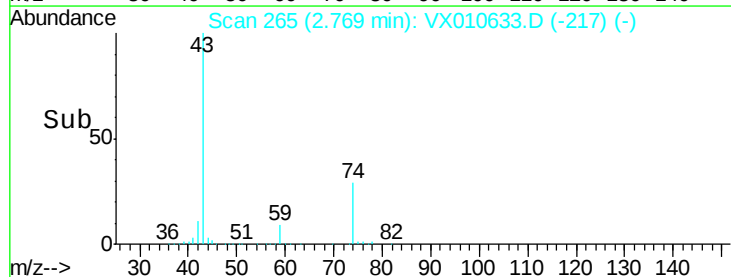
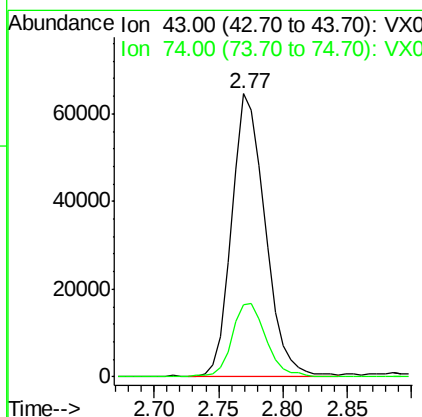
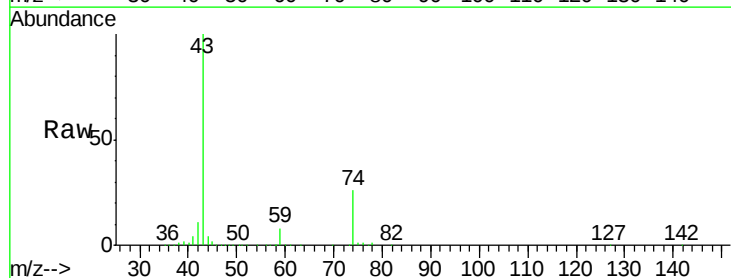
Manual Integrations
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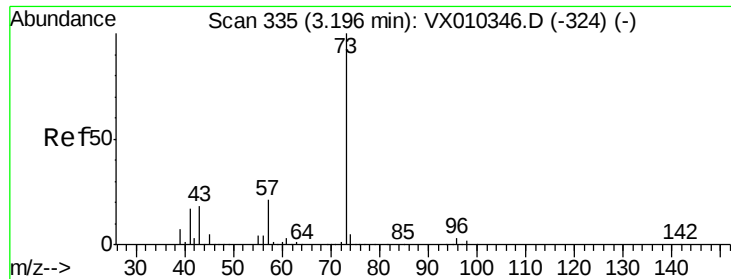
MMDadoda
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#18
Methyl Acetate
Concen: 49.608 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.3	31.9





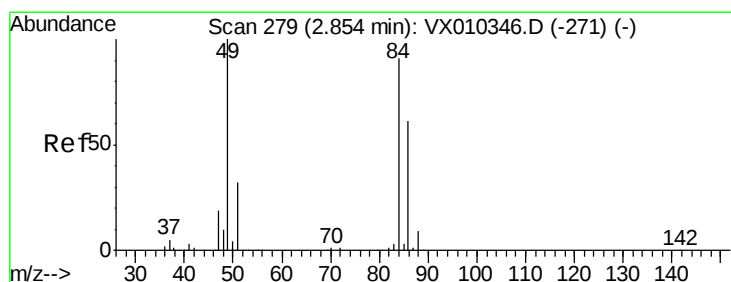
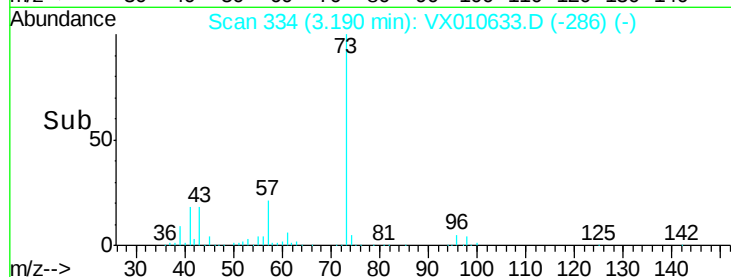
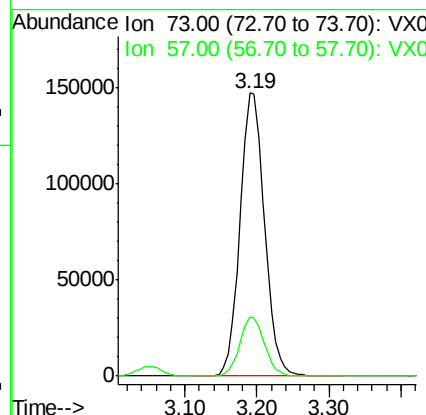
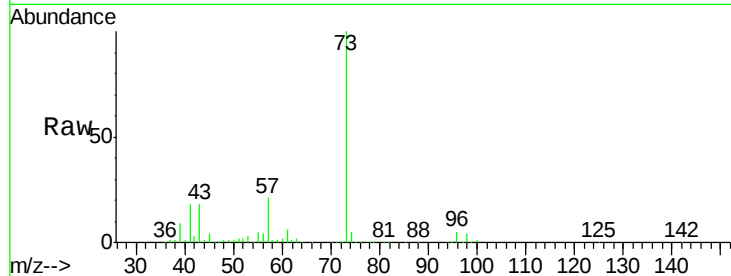
#19
Methyl tert-butyl Ether
Concen: 50.849 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 347602
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6

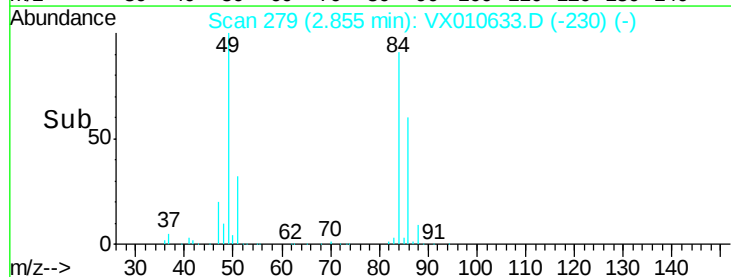
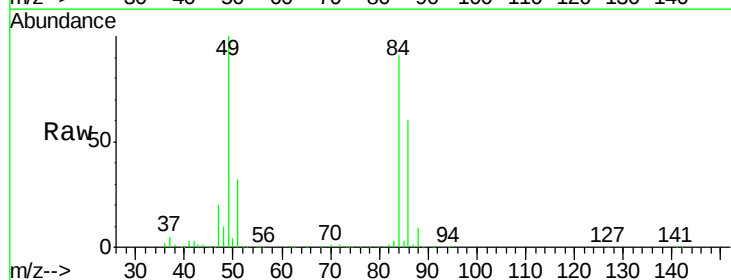
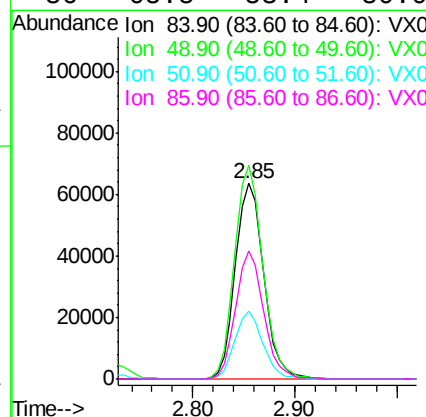
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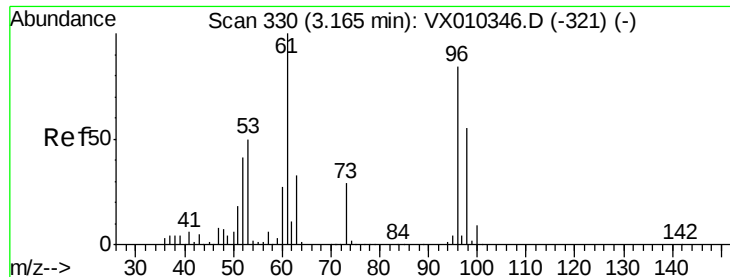
MMDadoda
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#20
Methylene Chloride
Concen: 50.551 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 84 Resp: 122549
Ion Ratio Lower Upper
84 100
49 109.1 87.5 131.3
51 34.7 27.7 41.5
86 65.5 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 50.826 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

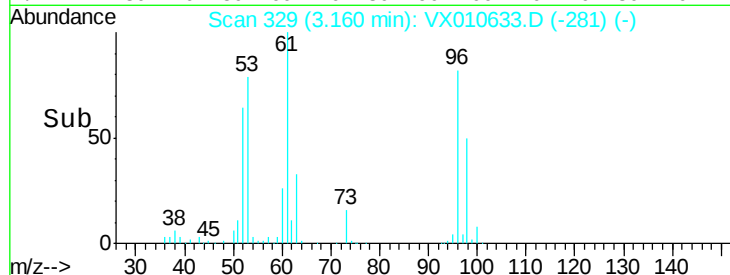
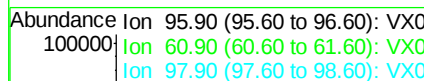
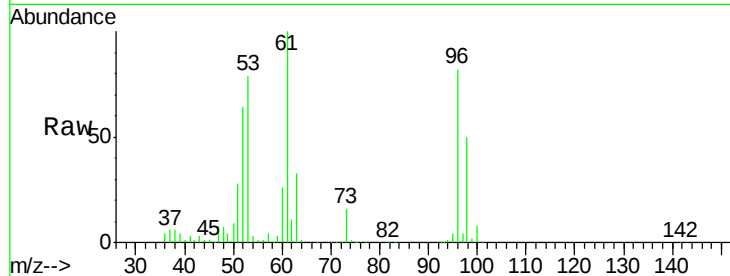
ClientSampleId :

VSTDCCC050

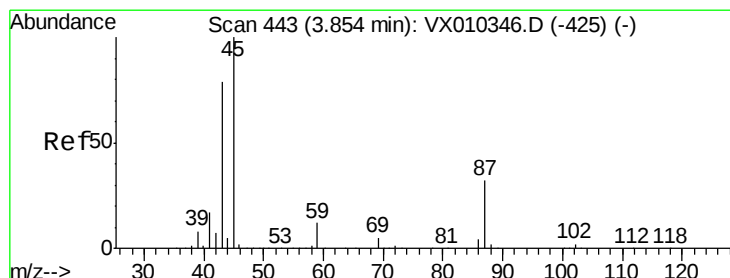
Tot Ion:	96	Resp:	118783
Ion	Ratio	Lower	Upper
96	100		
61	122.0	95.6	143.4
98	60.9	52.5	78.7

Manual Integrations
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Time-->



#22

Diisopropyl ether

Concen: 51.326 ug/l

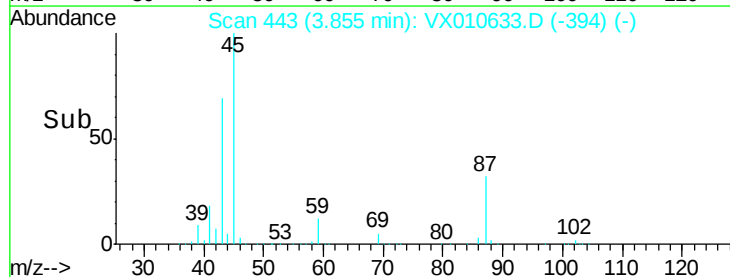
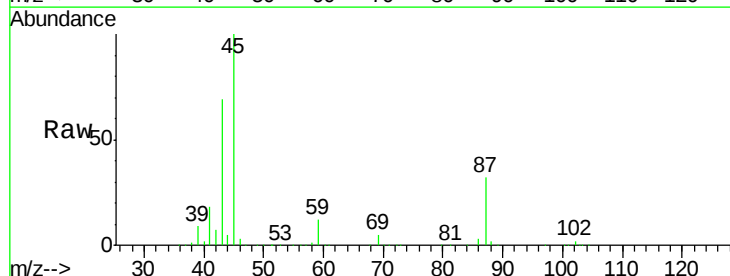
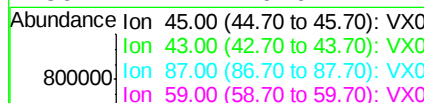
RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

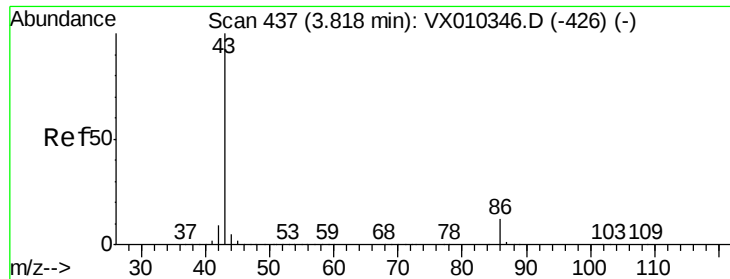
Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	45	Resp:	331054
Ion	Ratio	Lower	Upper
45	100		
43	69.1	63.3	94.9
87	31.6	25.8	38.8
59	12.2	9.6	14.4



Time-->



#23

Vinyl Acetate

Concen: 265.752 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1480806

Ion Ratio Lower Upper

43 100

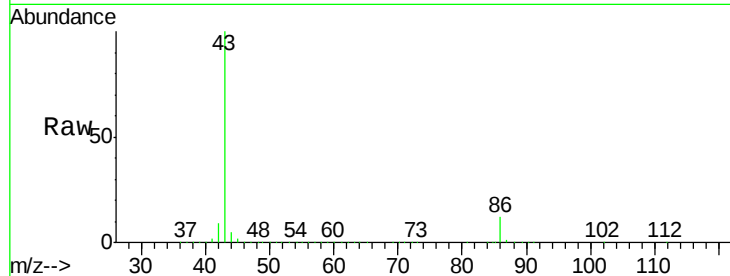
86 12.0 9.9 14.9

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

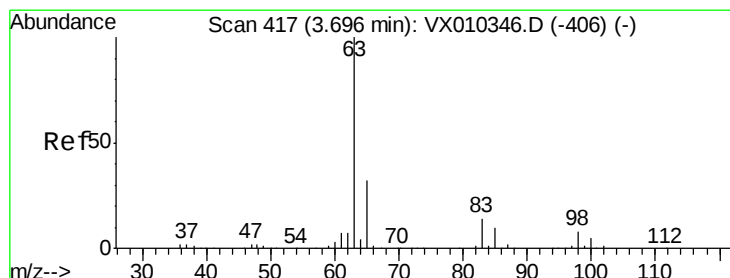
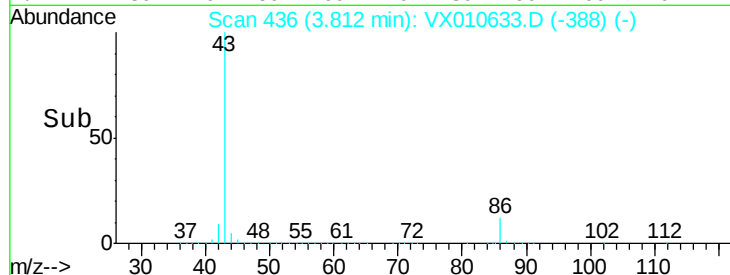
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.547 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

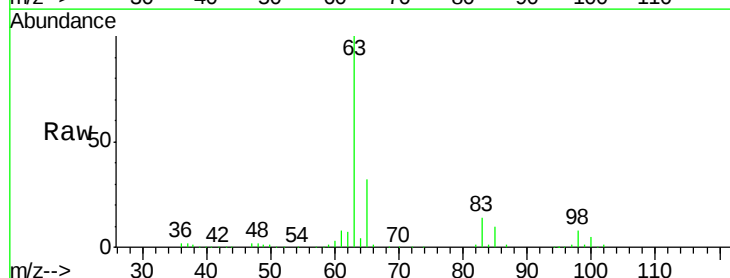
Tgt Ion: 63 Resp: 192184

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.1 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

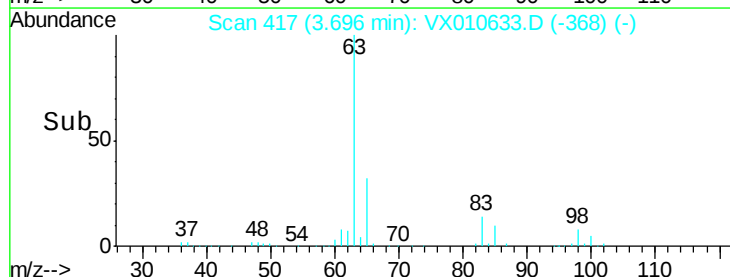
60000

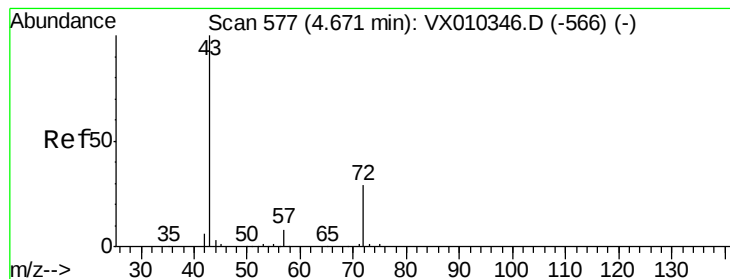
40000

20000

0

Time-->





#25

2-Butanone

Concen: 260.680 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 450454

Ion Ratio Lower Upper

43 100

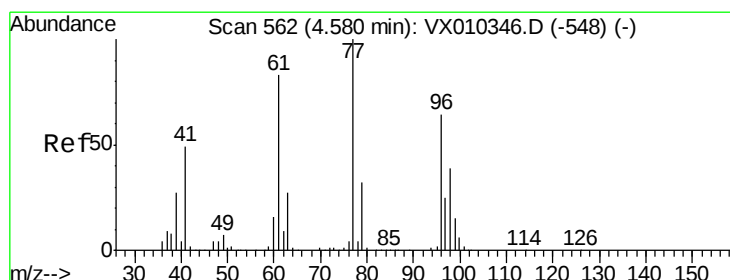
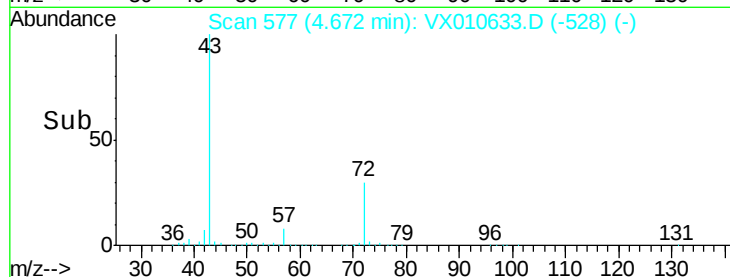
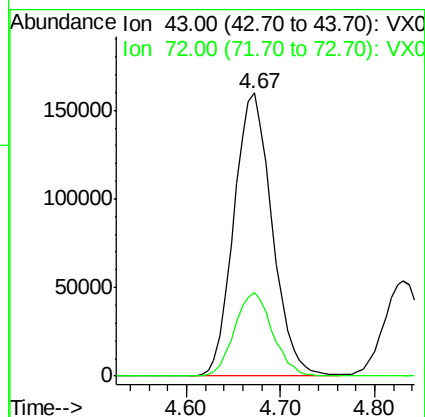
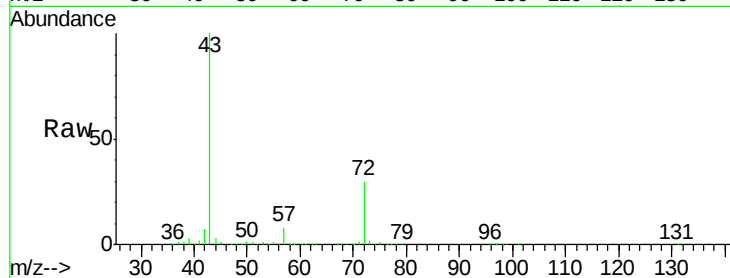
72 29.5 23.3 34.9

Manual Integrations

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MMDadoda

7/8/2019 2:41:13 PM



#26

2,2-Dichloropropane

Concen: 51.052 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010633.D

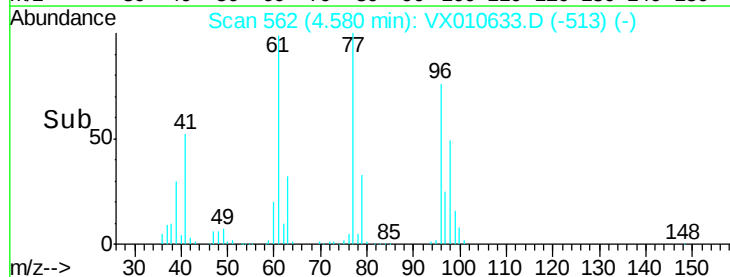
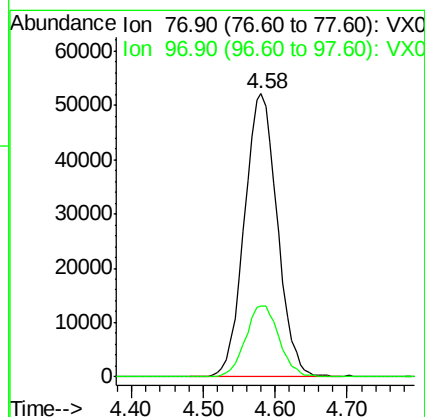
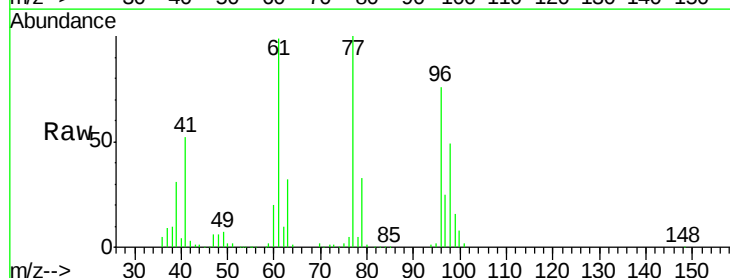
Acq: 03 Jul 2019 12:20

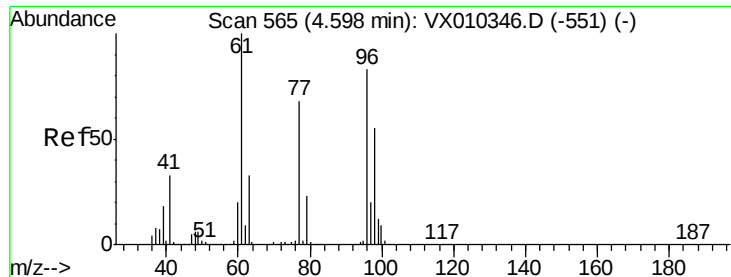
Tgt Ion: 77 Resp: 165348

Ion Ratio Lower Upper

77 100

97 25.7 13.1 39.3





#27

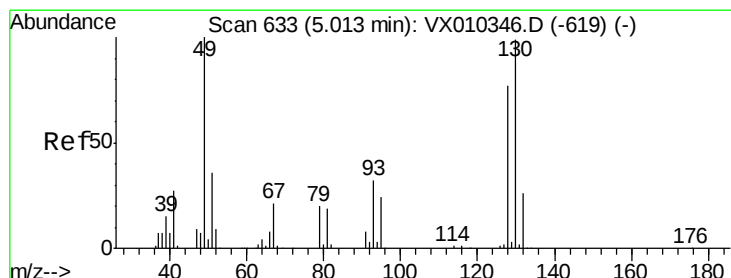
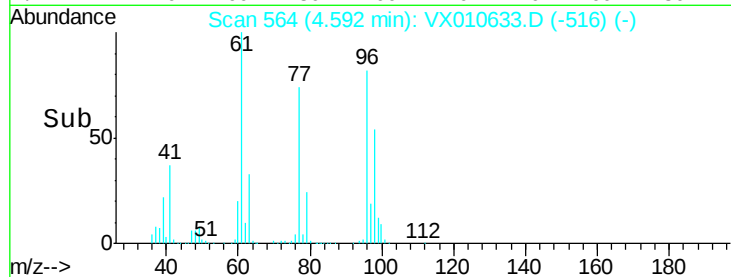
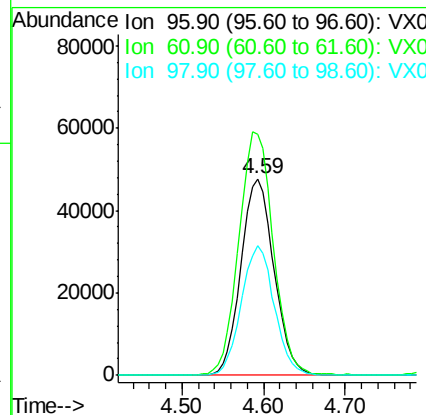
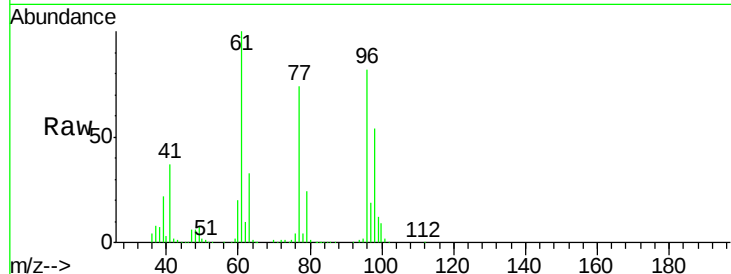
cis-1,2-Dichloroethene
Concen: 49.888 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	134730		
61	128.7	0.0	251.8	
98	65.8	0.0	129.4	

Manual Integrations
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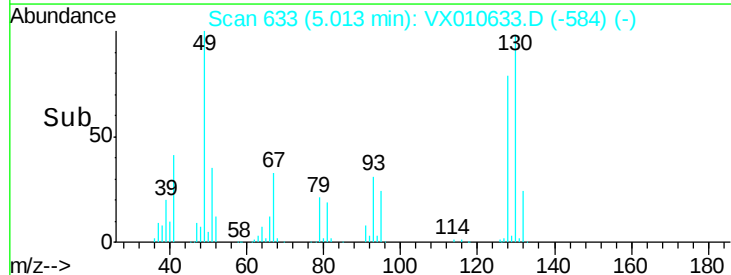
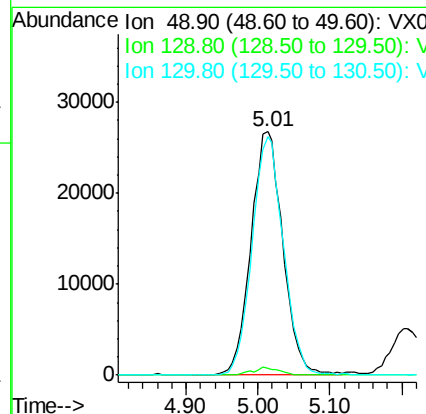
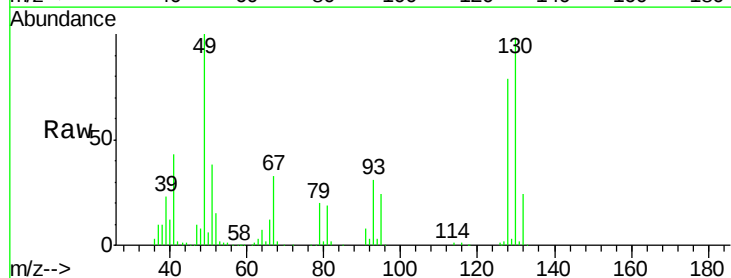
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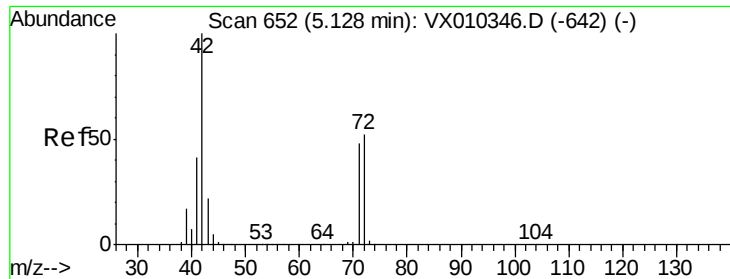


#28

Bromochloromethane
Concen: 46.216 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	82385		
129	2.7	0.0	5.6	
130	95.9	81.4	122.0	





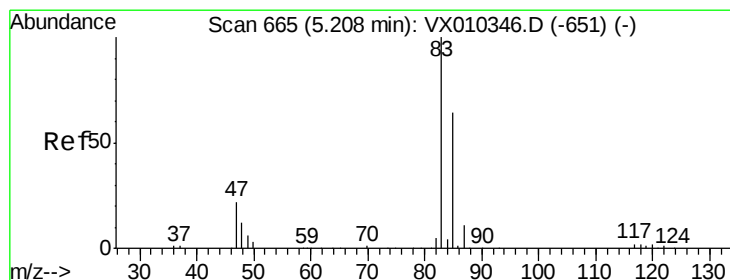
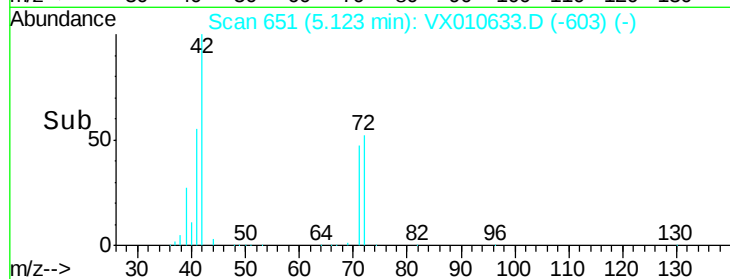
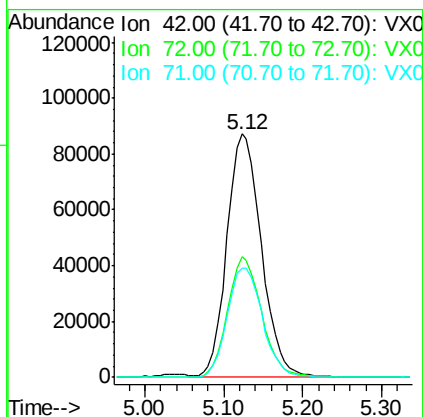
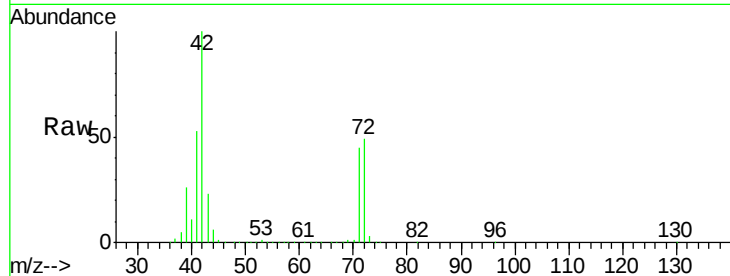
#29
Tetrahydrofuran
Concen: 245.051 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	40.6	60.8
71	46.6	37.8	56.8

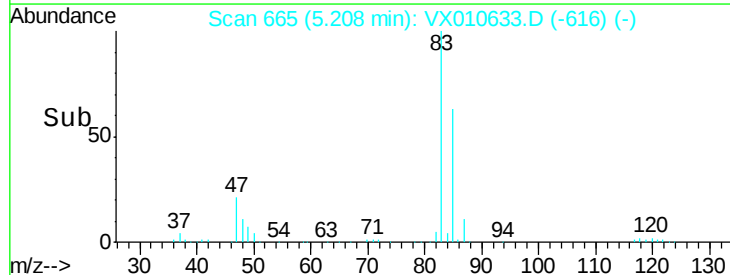
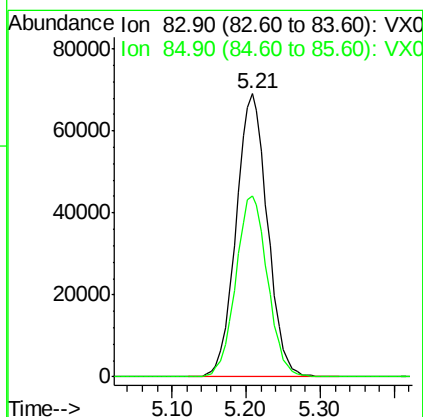
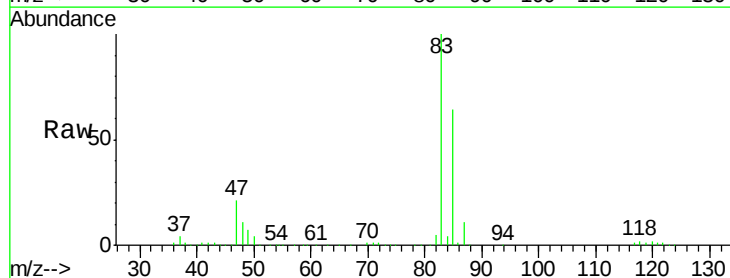
Manual Integrations
APPROVED

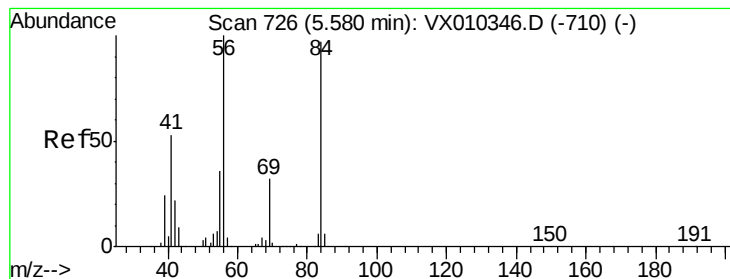
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#30
Chloroform
Concen: 50.747 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3





#31

Cyclohexane

Concen: 52.368 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

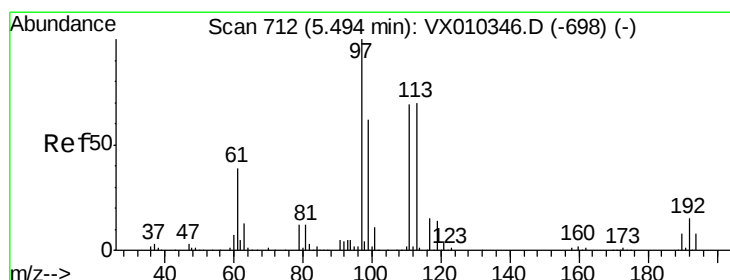
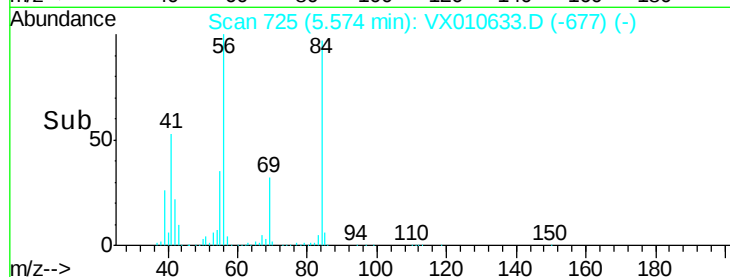
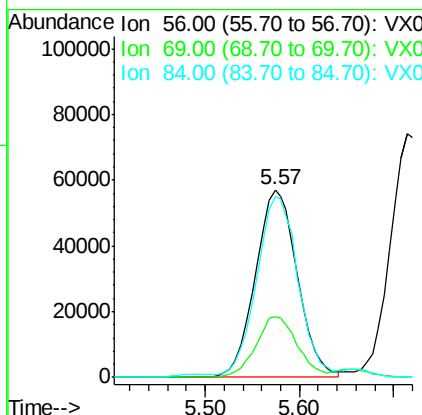
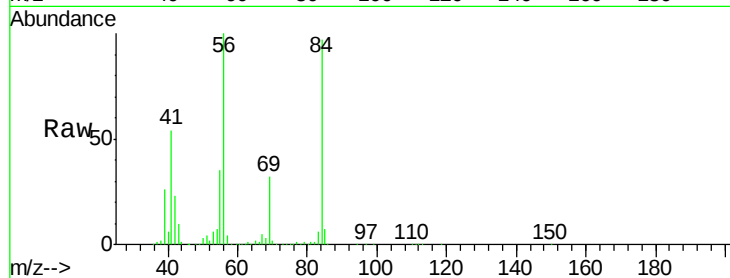
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	177798
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.9	38.9
84	95.1	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.543 ug/l

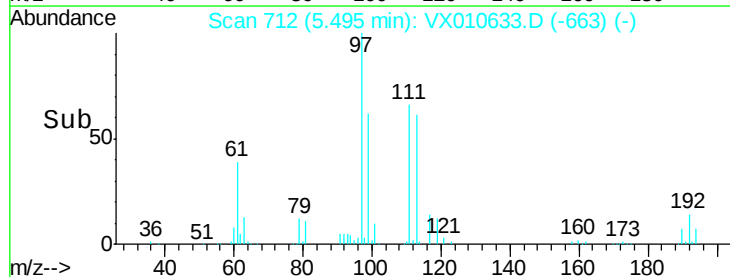
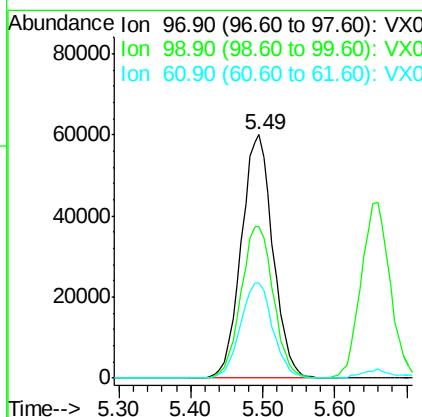
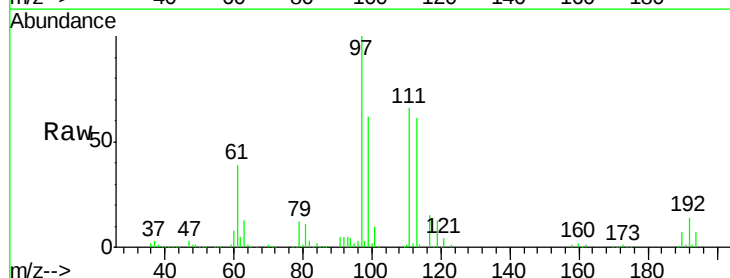
RT: 5.49 min Scan# 712

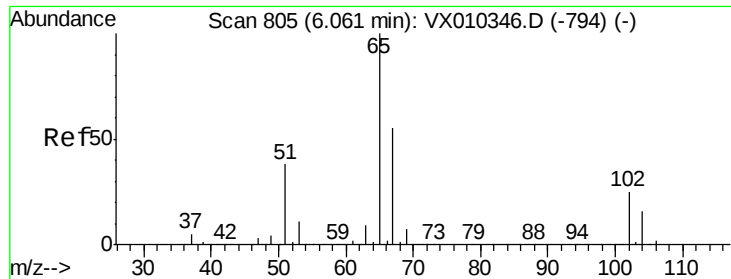
Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	97	Resp:	182573
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.8
61	40.2	32.1	48.1





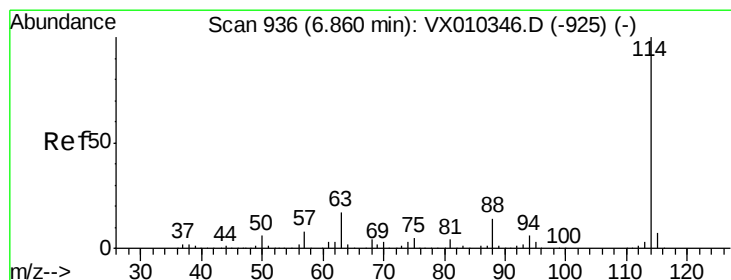
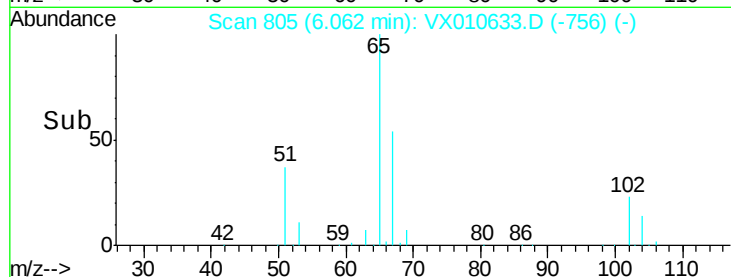
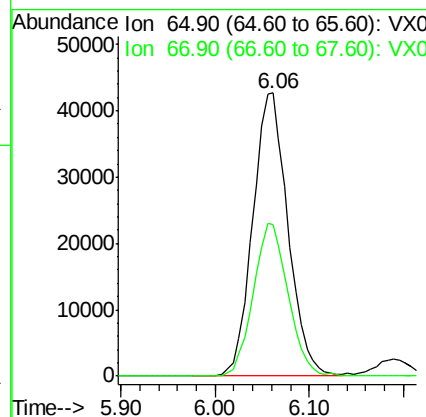
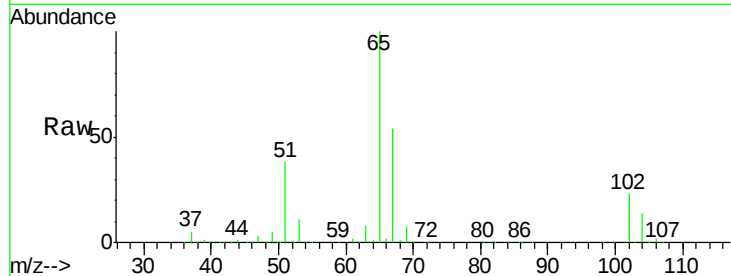
#33
 1,2-Dichloroethane-d4
 Concen: 47.536 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 111734
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.2

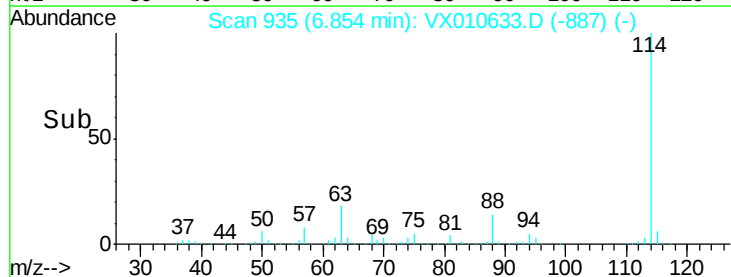
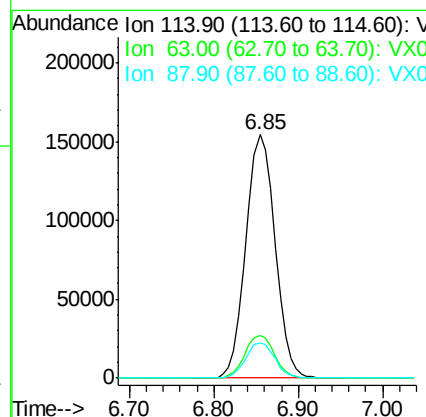
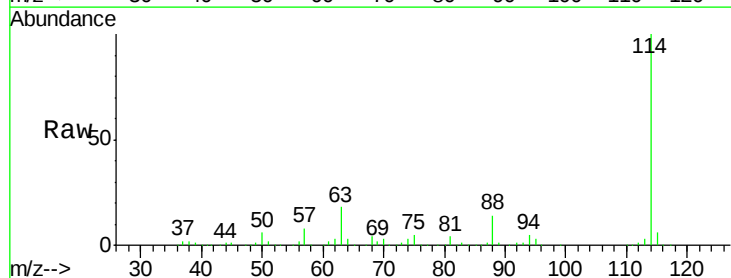
Manual Integrations
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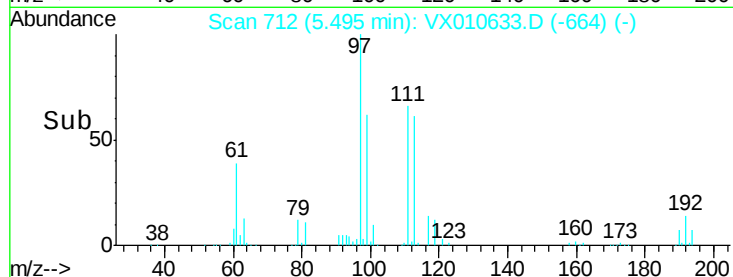
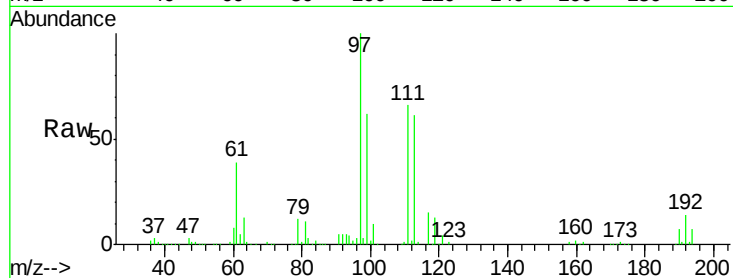
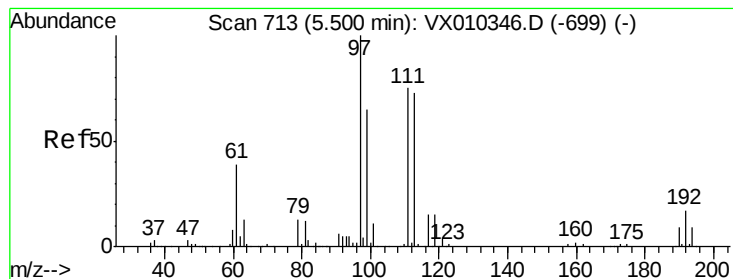
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion: 114 Resp: 362810
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.2 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.370 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010633.D

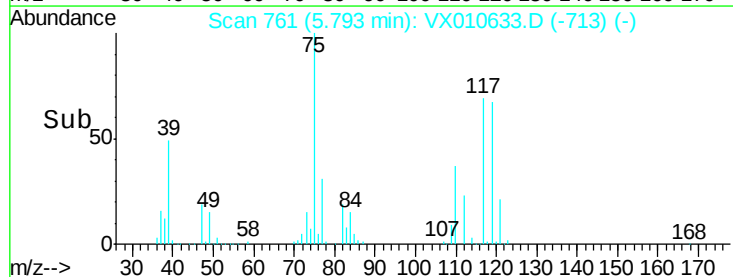
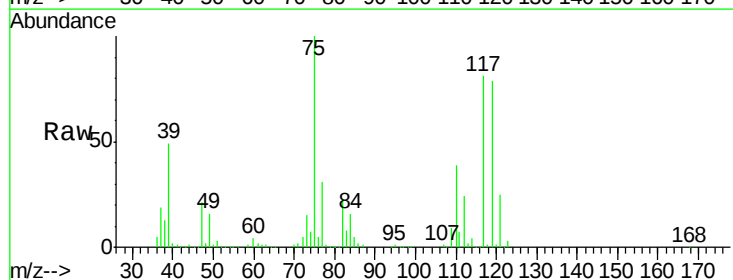
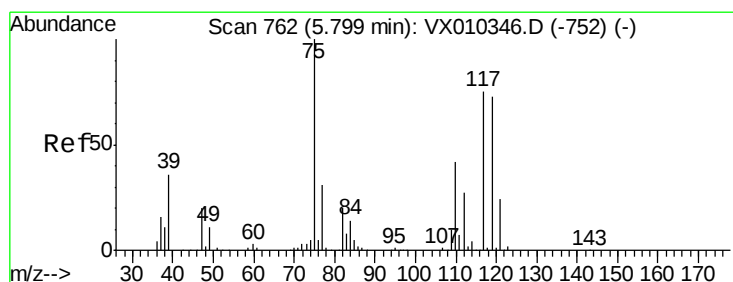
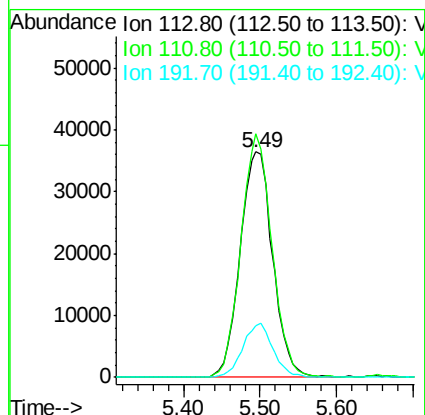
Acq: 03 Jul 2019 12:20

Tot Ion:	113	Resp:	107371
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.2	121.8
192	22.4	18.6	27.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.783 ug/l

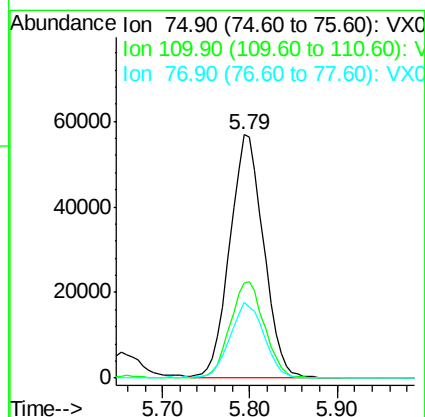
RT: 5.79 min Scan# 761

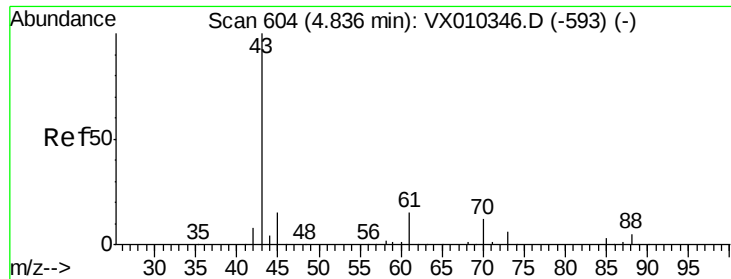
Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	75	Resp:	152177
Ion	Ratio	Lower	Upper
75	100		
110	40.4	20.8	62.2
77	31.0	25.4	38.0





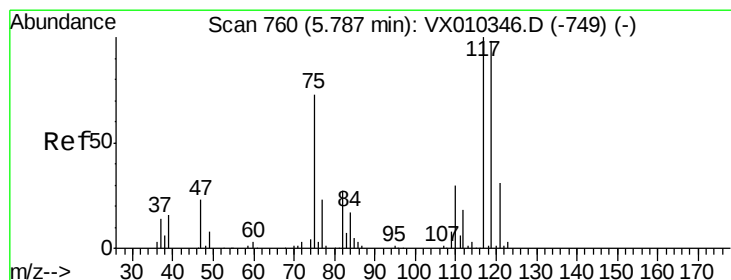
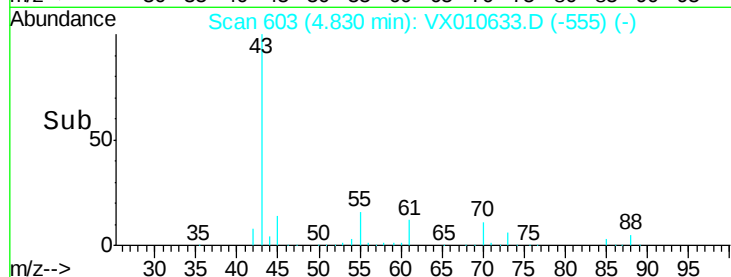
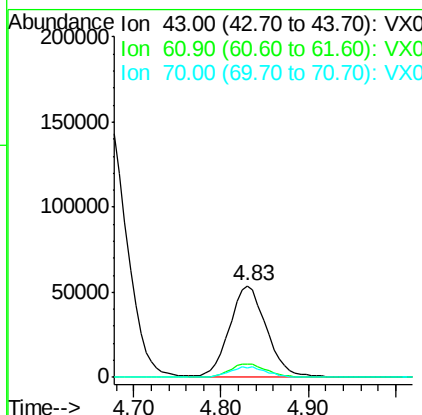
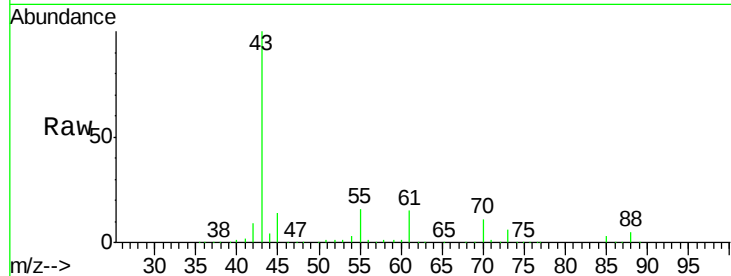
#37
Ethyl Acetate
Concen: 52.679 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.4	18.6
70	11.7	9.8	14.8

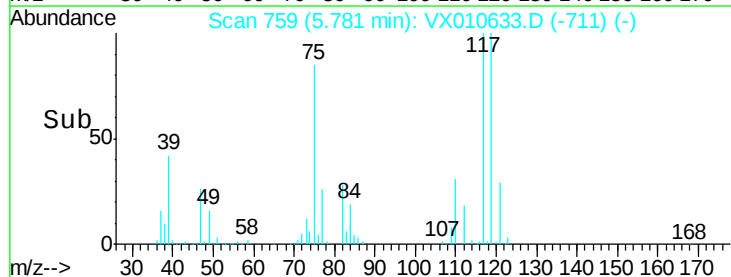
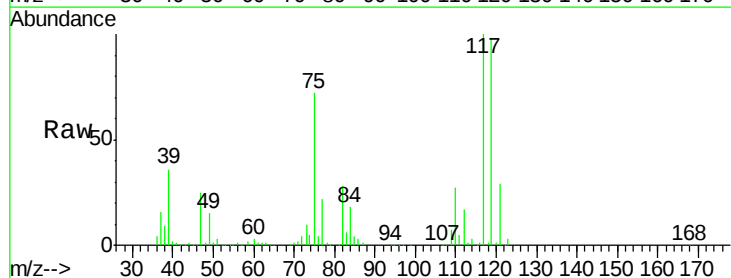
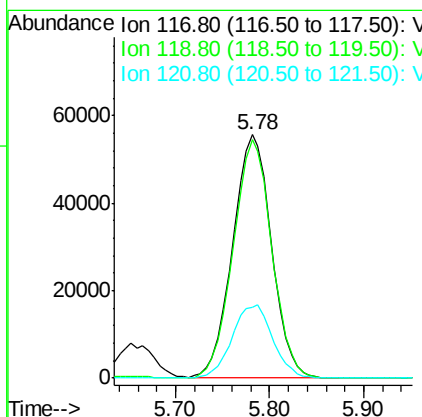
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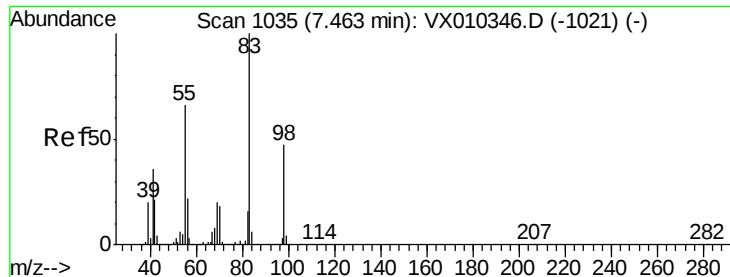
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#38
Carbon Tetrachloride
Concen: 51.288 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.2	117.4
121	29.2	24.7	37.1





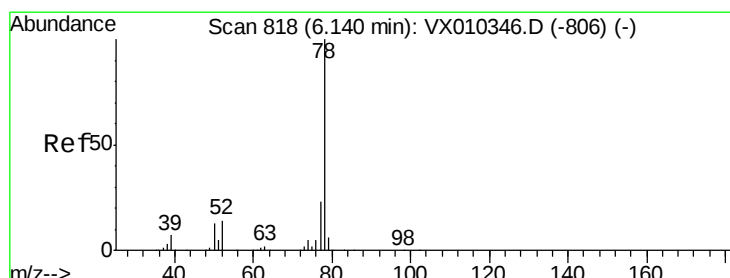
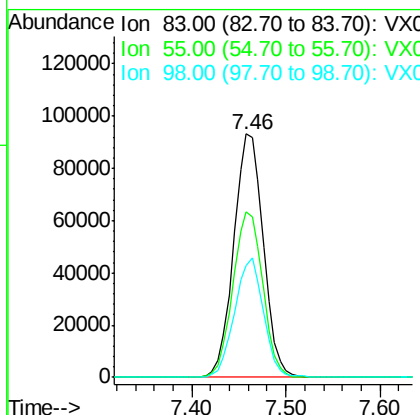
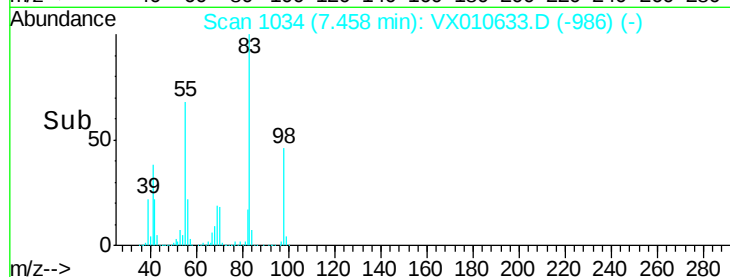
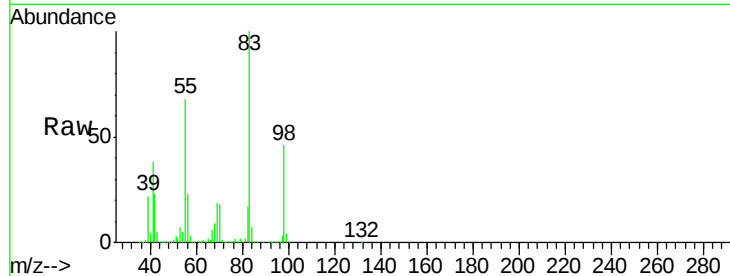
#39
Methvlcvclohexane
Concen: 53.690 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.9	53.0	79.6
98	46.1	37.8	56.8

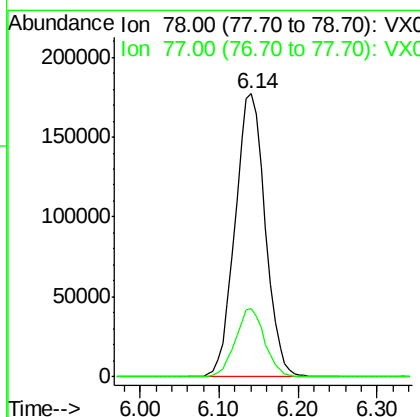
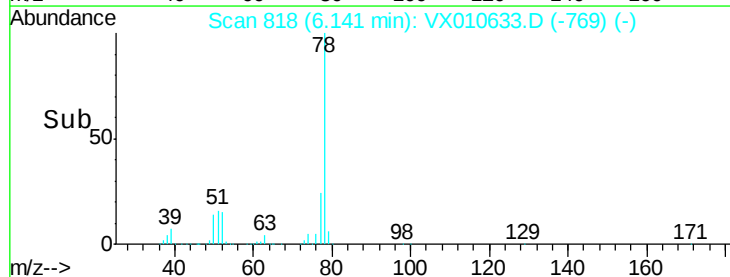
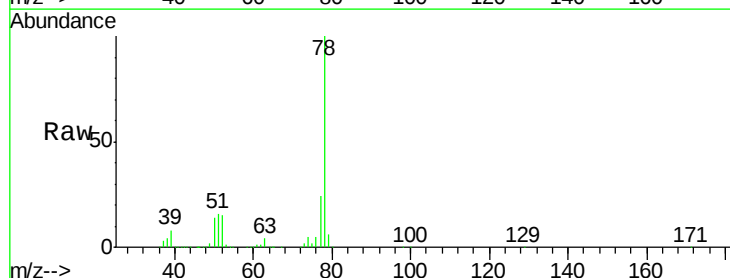
Manual Integrations
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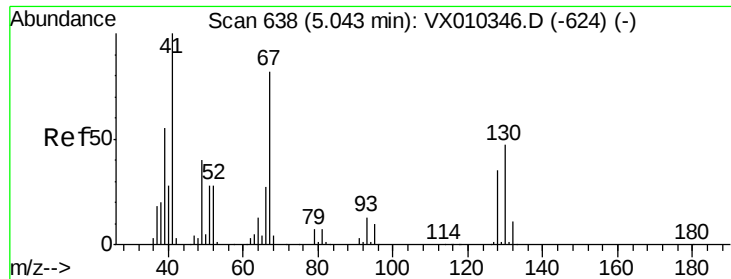
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#40
Benzene
Concen: 52.416 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	28.0





#41

Methacrylonitrile

Concen: 51.081 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 41 Resp: 83129

Ion Ratio Lower Upper

41 100

39 55.0 43.8 65.8

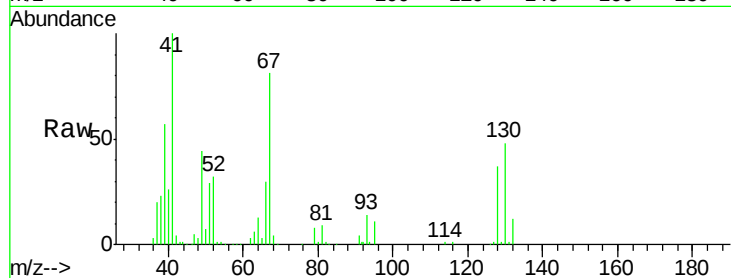
67 81.7 66.6 100.0

52 32.1 24.5 36.7

Manual Integrations
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MMDadoda

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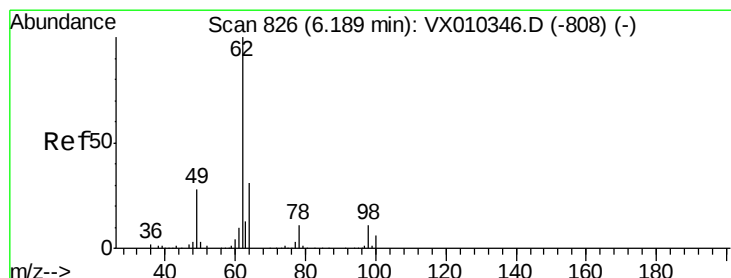
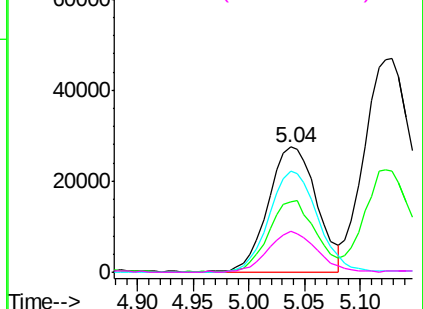
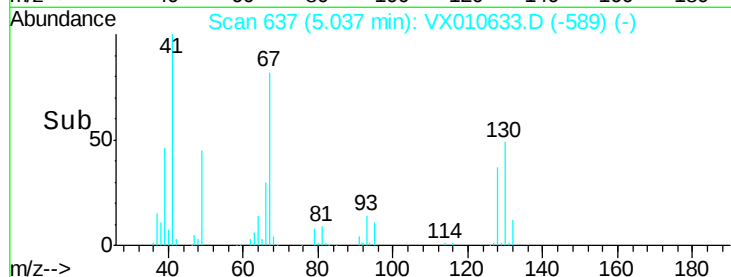


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.177 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010633.D

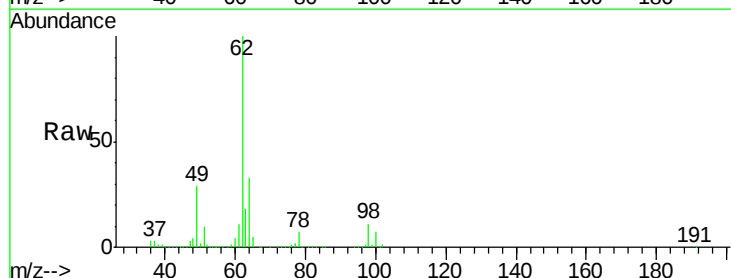
Acq: 03 Jul 2019 12:20

Tgt Ion: 62 Resp: 150865

Ion Ratio Lower Upper

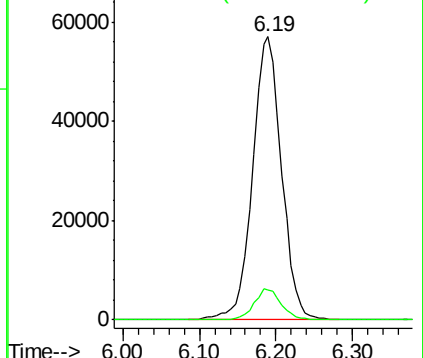
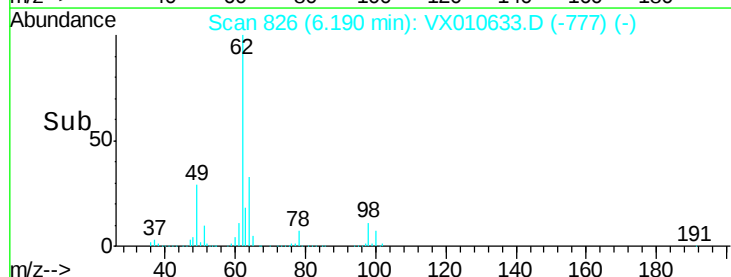
62 100

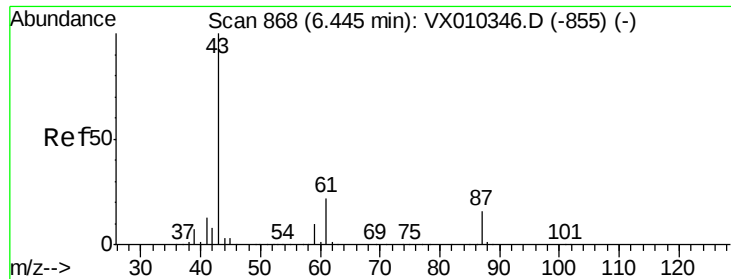
98 10.3 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

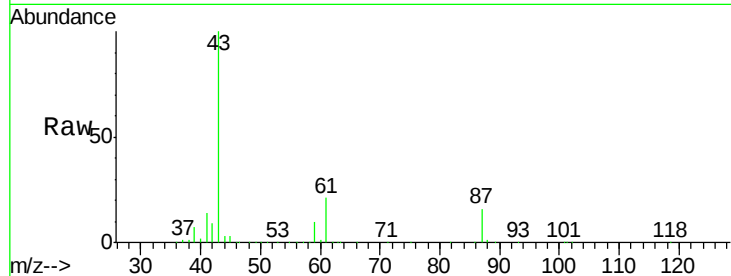
Isopropyl Acetate
 Concen: 51.589 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

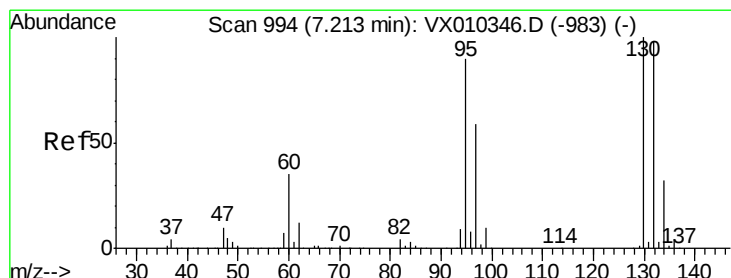
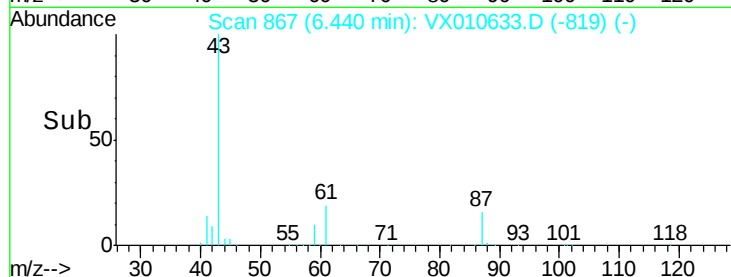
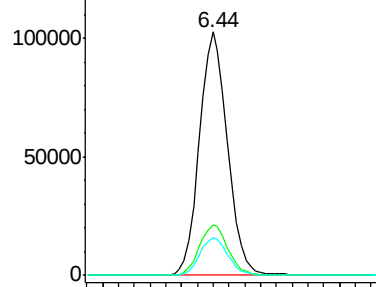
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.8	26.6
87	15.7	13.0	19.4

Manual Integrations
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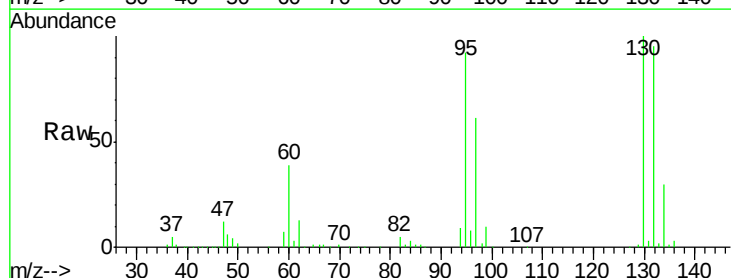
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



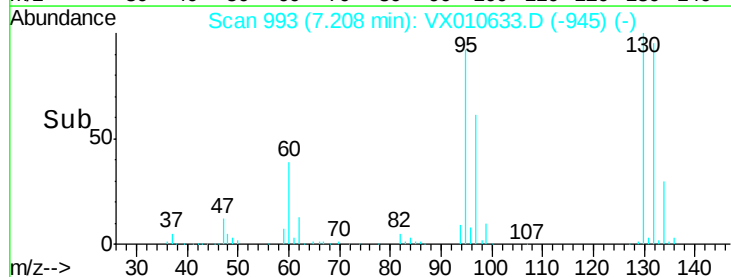
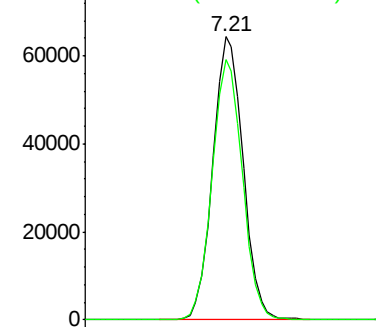
#44

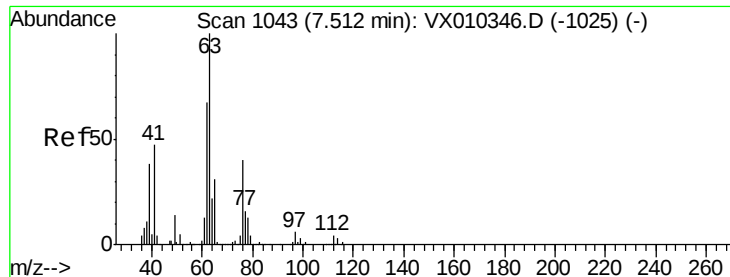
Trichloroethene
 Concen: 51.395 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.853 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 117615

Ion Ratio Lower Upper

63 100

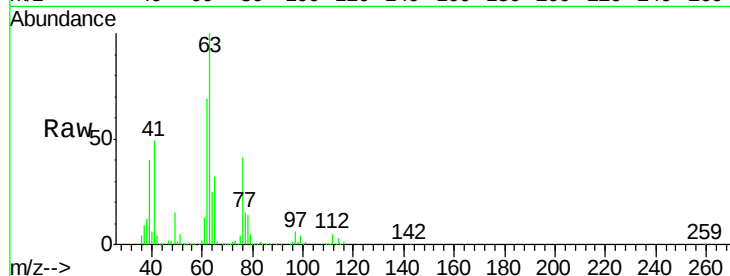
65 32.1 24.8 37.2

Manual Integrations

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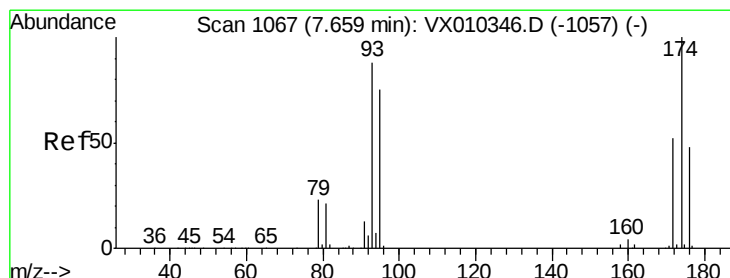
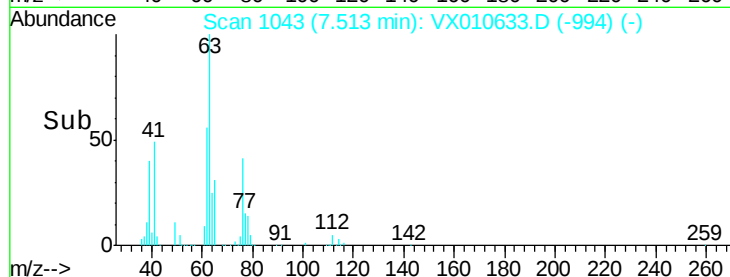
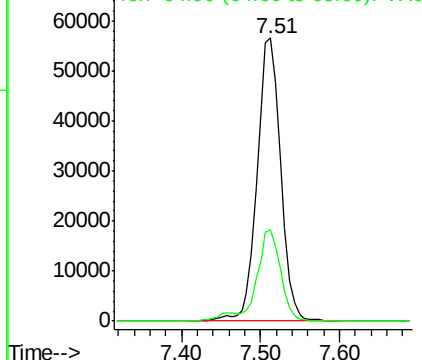
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.758 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

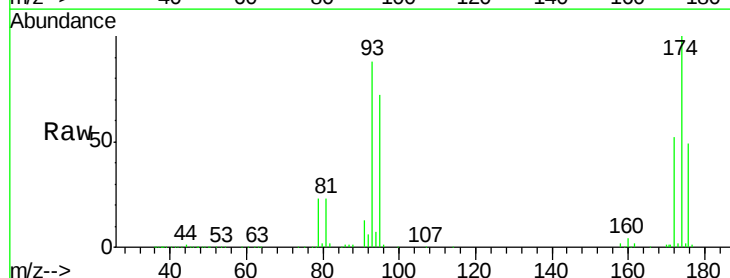
Tgt Ion: 93 Resp: 84231

Ion Ratio Lower Upper

93 100

95 83.7 67.5 101.3

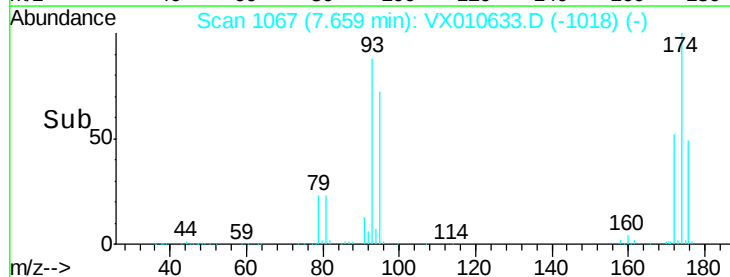
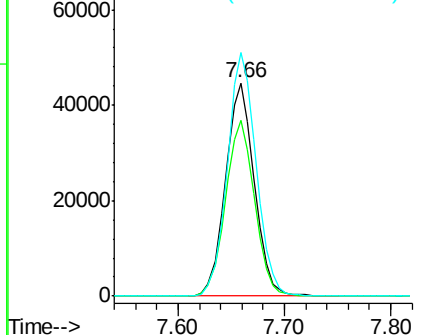
174 114.6 95.8 143.6

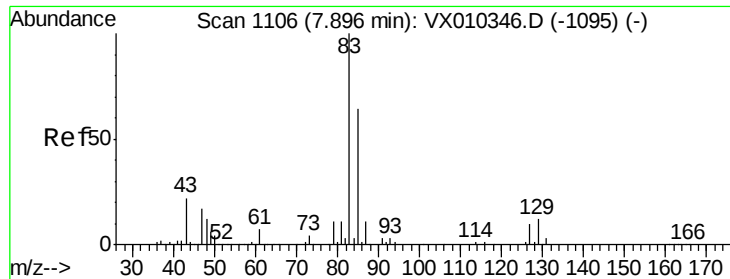


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





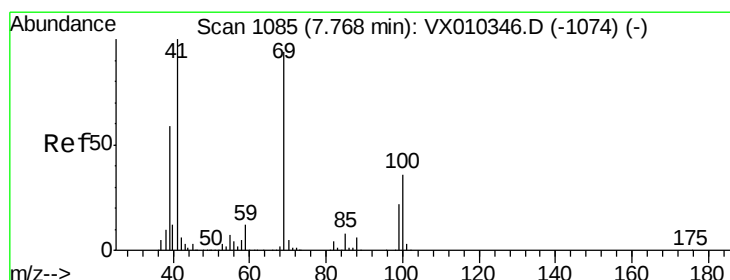
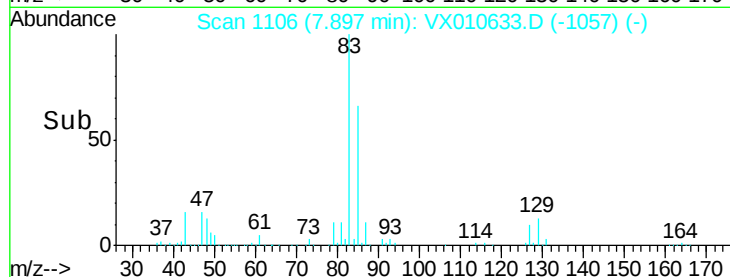
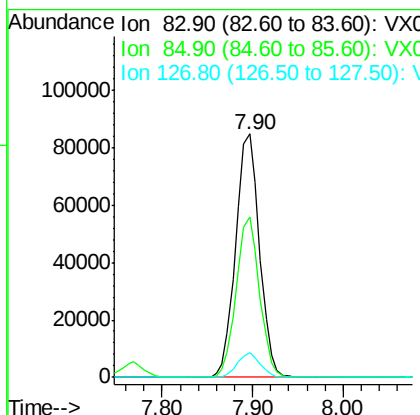
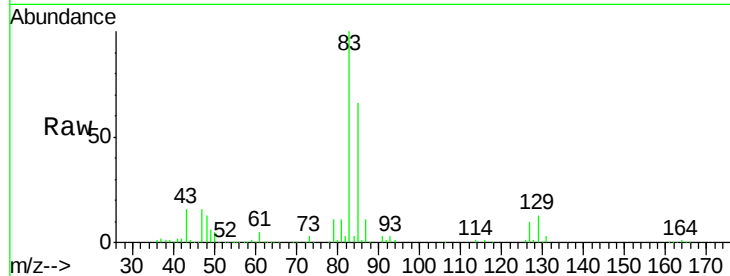
#47
Bromodichloromethane
Concen: 51.880 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	154728
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	51.5	77.3
127	9.9	7.8	11.8

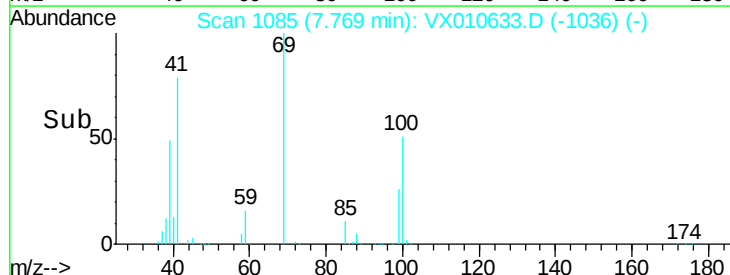
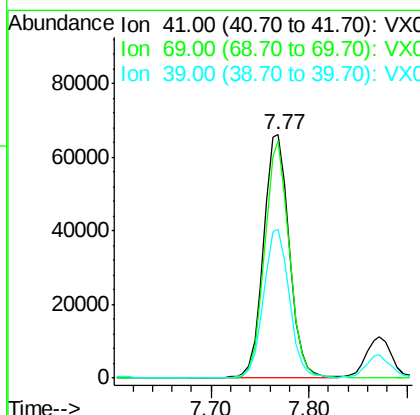
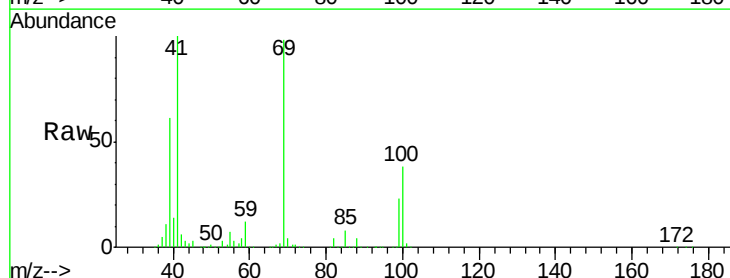
Manual Integrations
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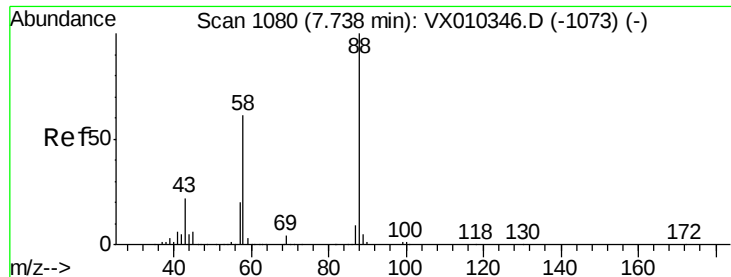
MMDadoda
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#48
Methyl methacrylate
Concen: 52.939 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	41	Resp	120750
Ion Ratio	100	Lower	Upper
41	100		
69	93.3	76.1	114.1
39	60.8	47.6	71.4





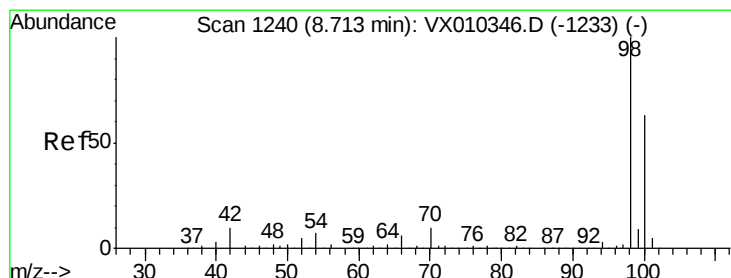
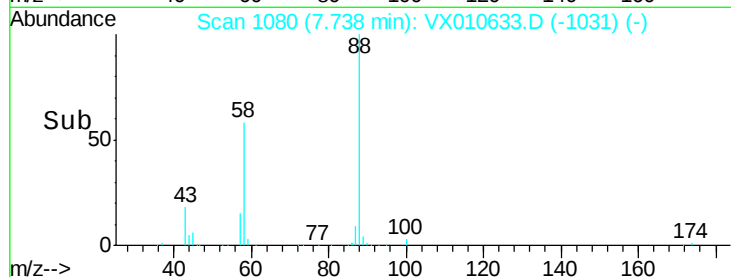
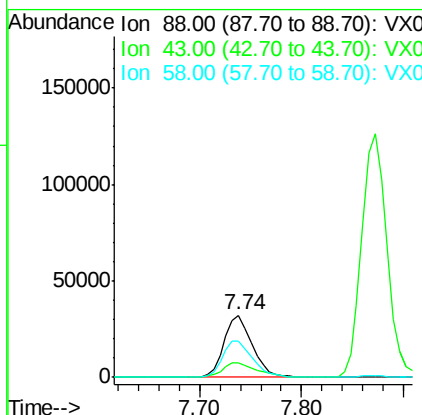
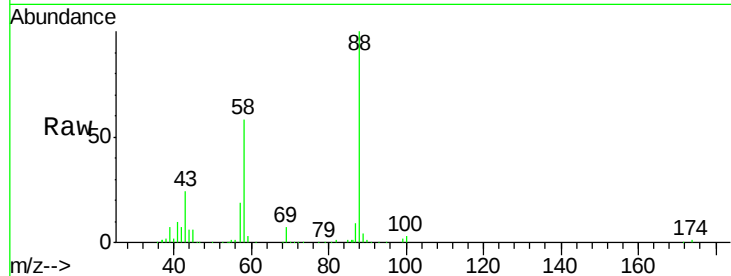
#49
1,4-Dioxane
Concen: 937.437 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	20.2	30.2
58	63.3	49.5	74.3

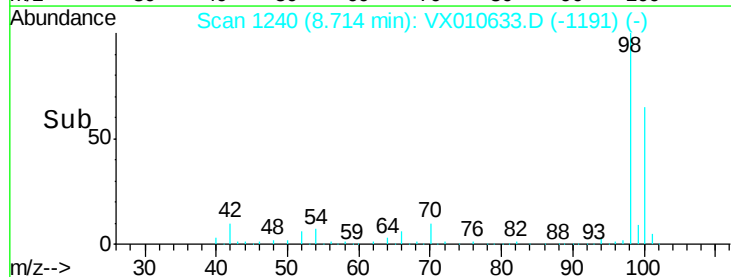
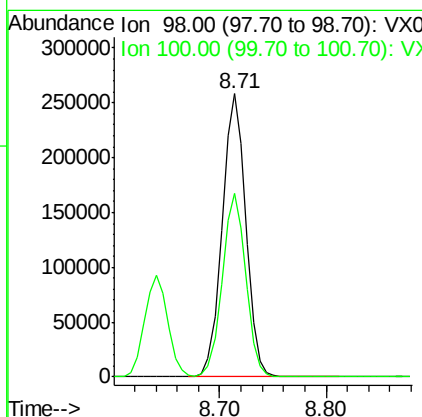
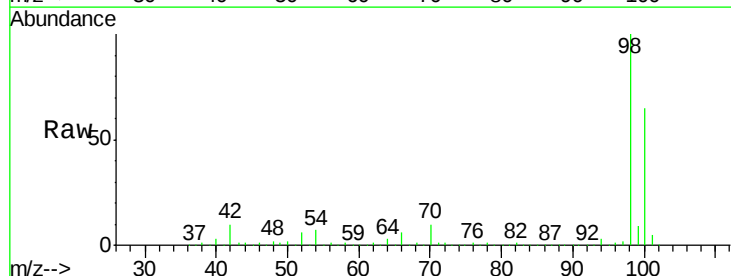
Manual Integrations
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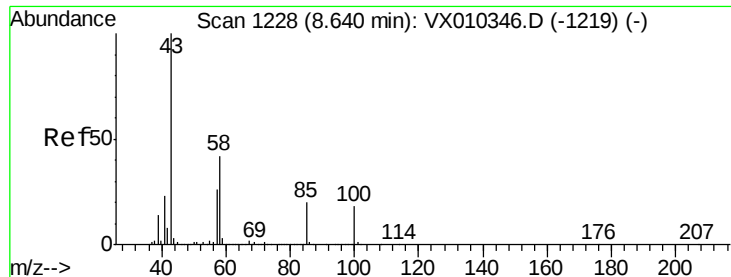
MMDadoda
7/8/2019 2:41:13 PM



#50
Toluene-d8
Concen: 47.071 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





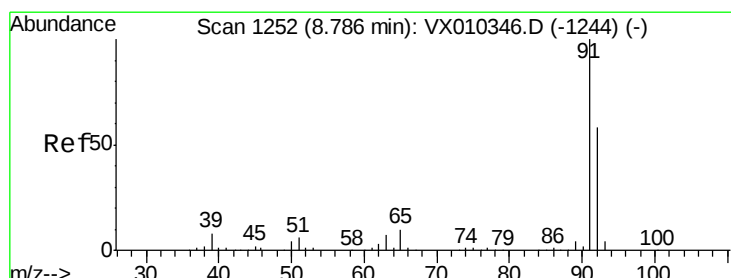
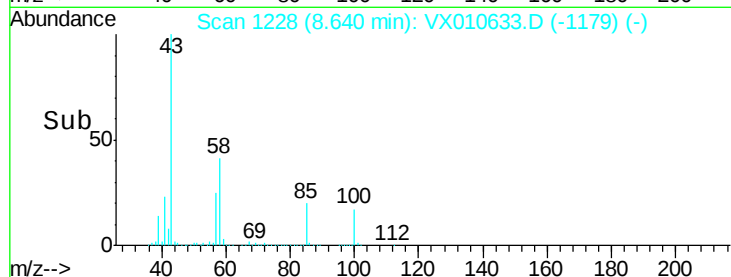
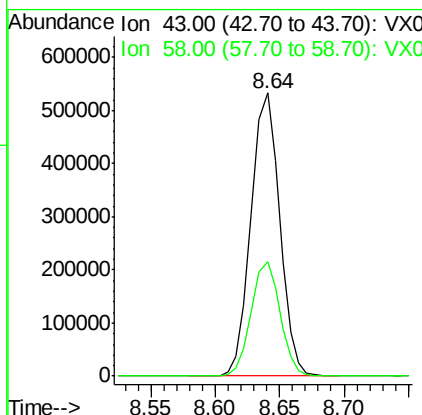
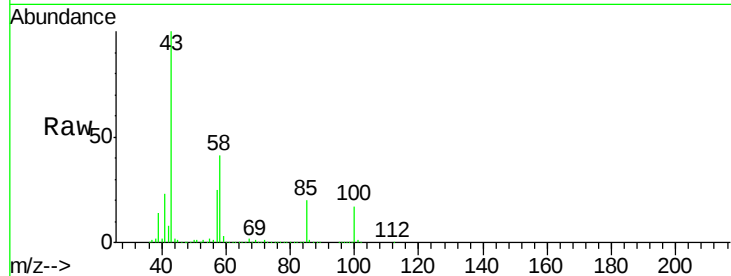
#51
4-Methyl-2-Pentanone
Concen: 260.994 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.6	33.5	50.3

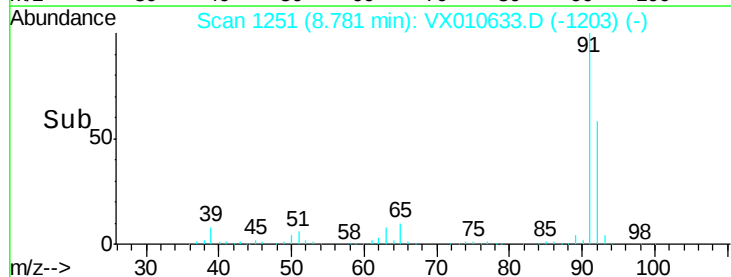
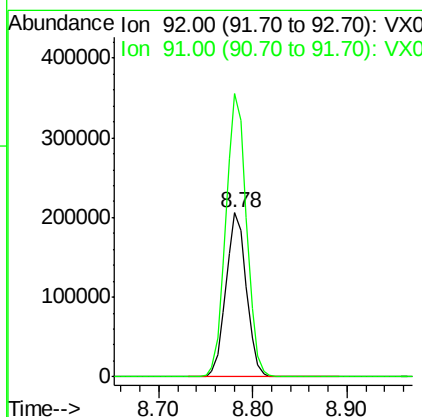
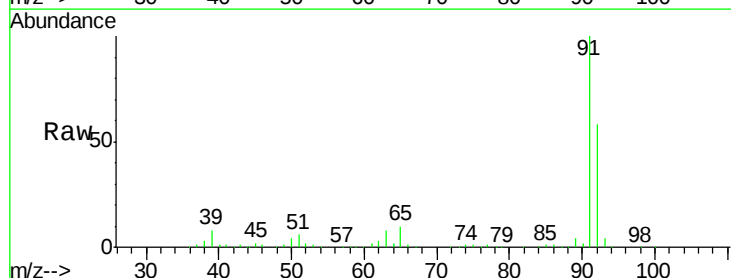
Manual Integrations
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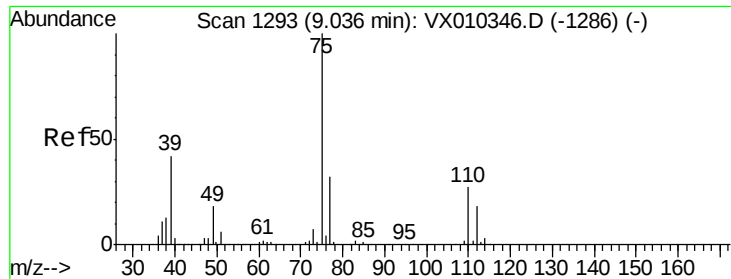
MMDadoda
7/8/2019 2:41:13 PM



#52
Toluene
Concen: 52.234 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.6	139.8	209.6





#53

t-1,3-Dichloropropene

Concen: 51.670 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tot Ion: 75 Resp: 172770

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

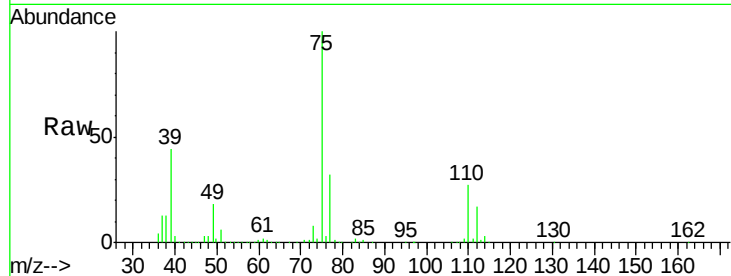
VSTDCCC050

Manual Integrations

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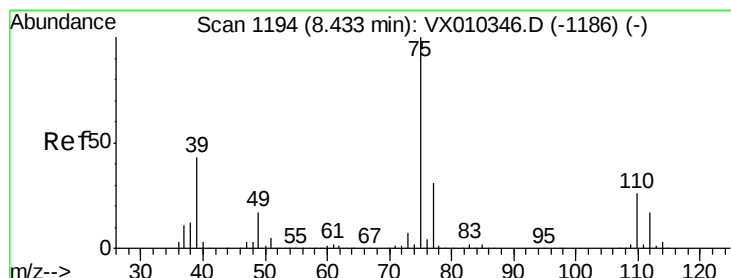
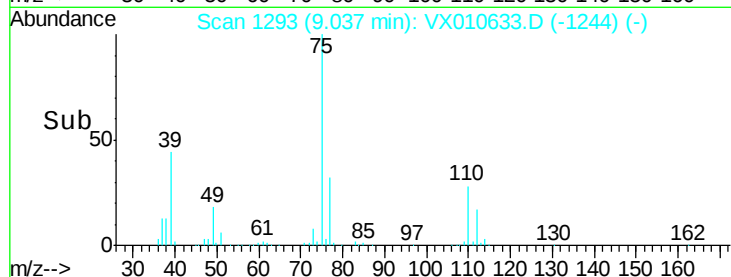
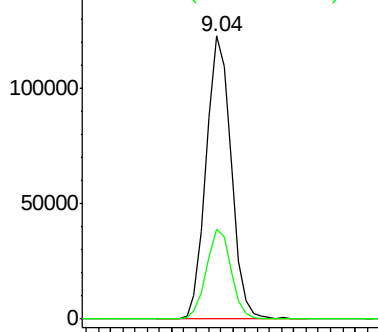
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.583 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

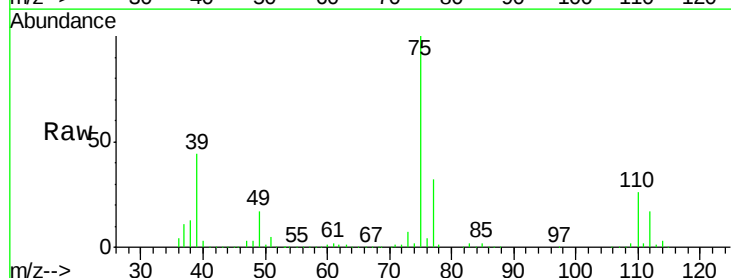
Tgt Ion: 75 Resp: 191072

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

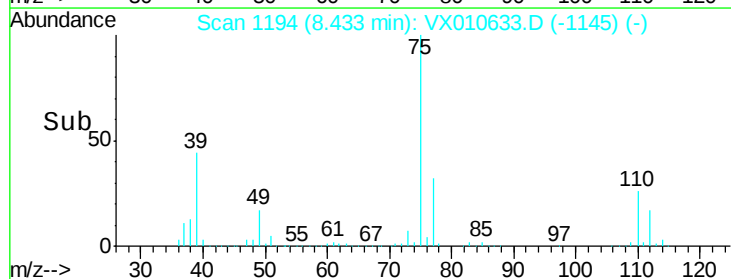
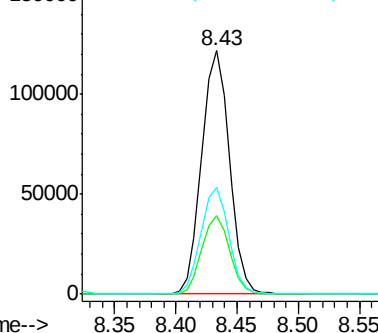
39 43.7 34.5 51.7

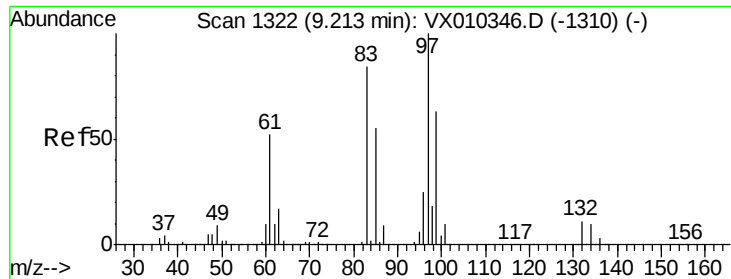


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





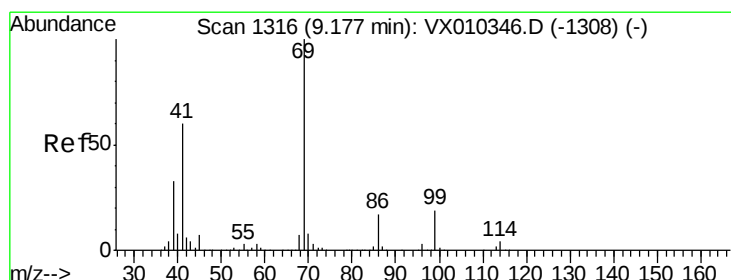
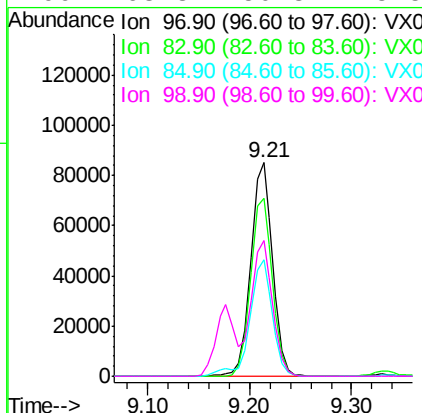
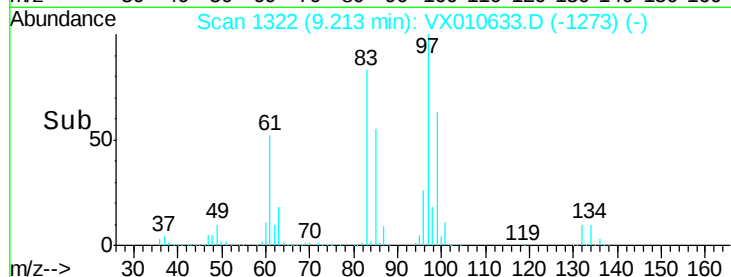
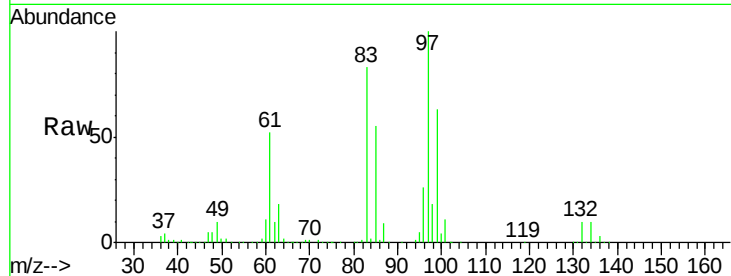
#55
 1,1,2-Trichloroethane
 Concen: 52.211 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	127370
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.4	101.0
85	54.6	43.8	65.8
99	63.3	50.3	75.5

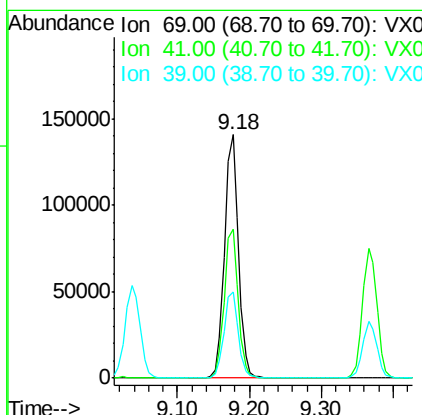
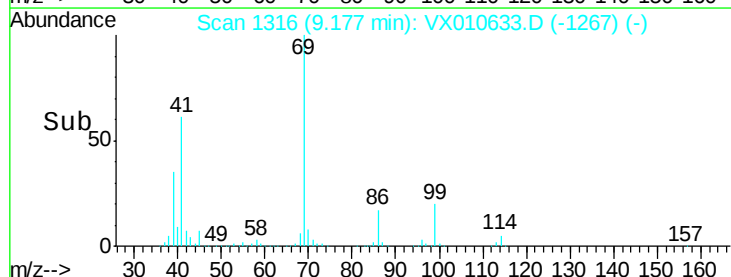
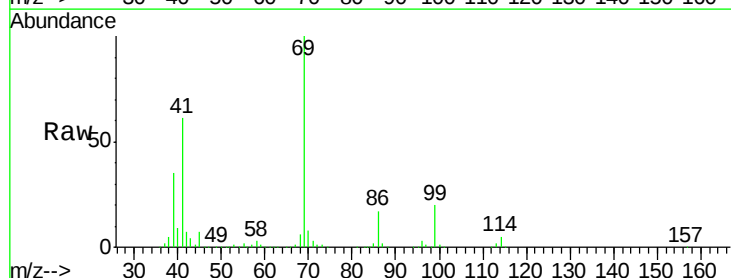
Manual Integrations
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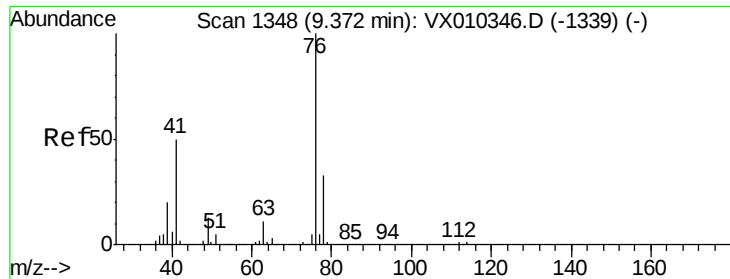
MMDadoda
 7/8/2019 2:41:13 PM



#56
 Ethyl methacrylate
 Concen: 51.408 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion	69	Resp	189979
Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.1	70.7
39	36.1	26.6	40.0





#57

1,3-Dichloropropane

Concen: 52.592 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 199160

Ion Ratio Lower Upper

76 100

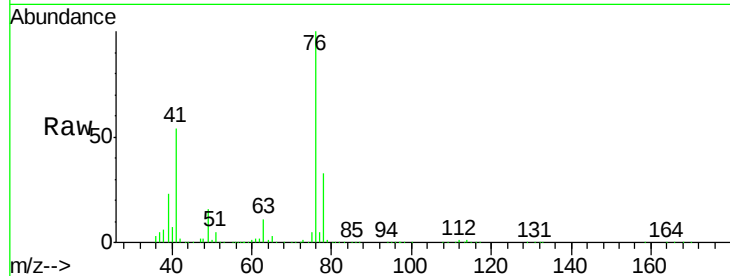
78 32.5 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

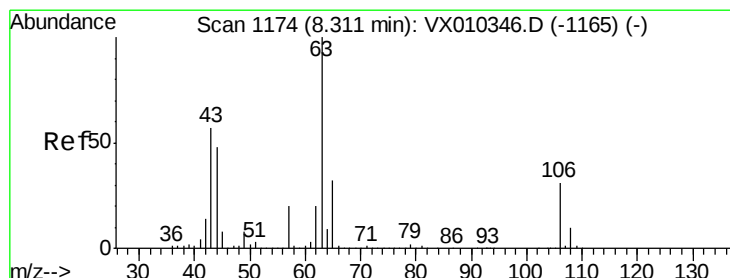
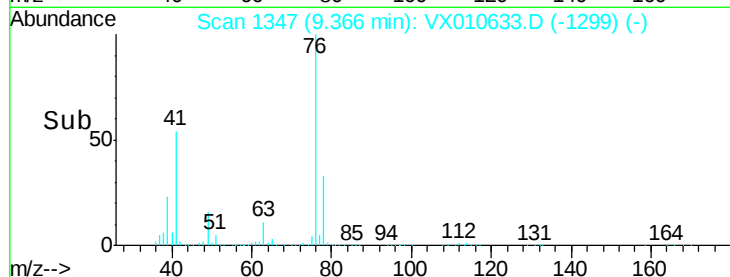
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 236.956 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010633.D

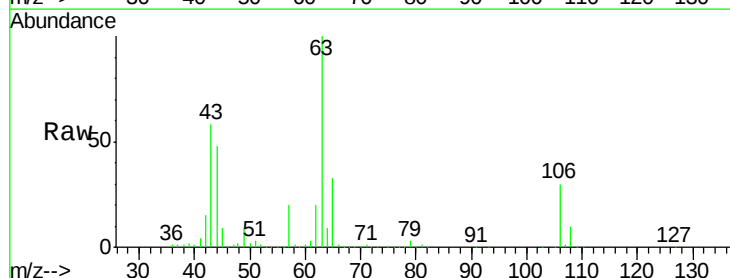
Acq: 03 Jul 2019 12:20

Tgt Ion: 63 Resp: 415884

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300000

250000

200000

150000

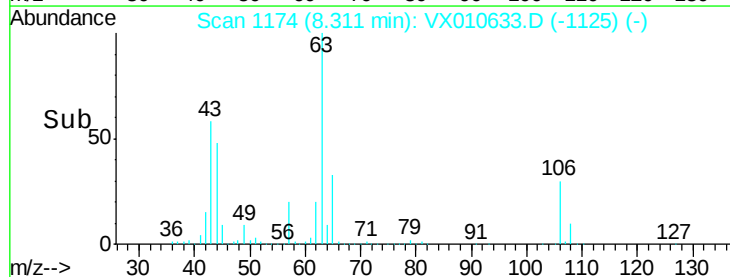
100000

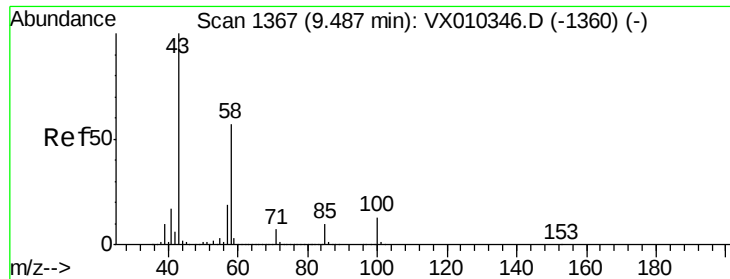
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->





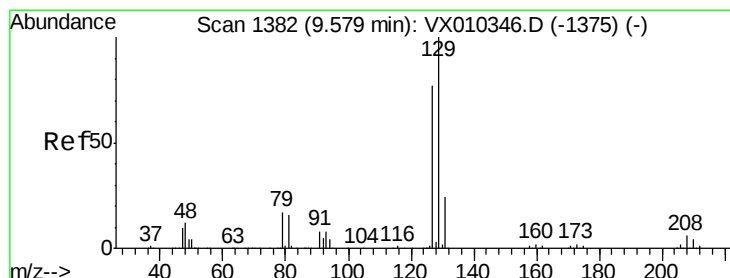
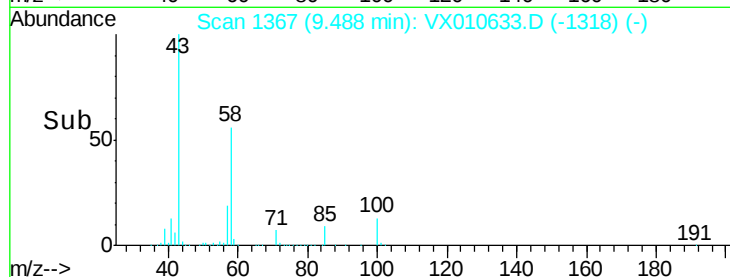
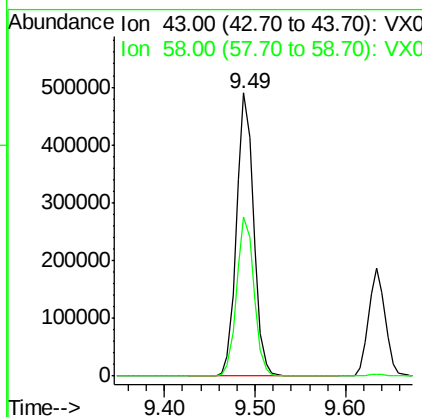
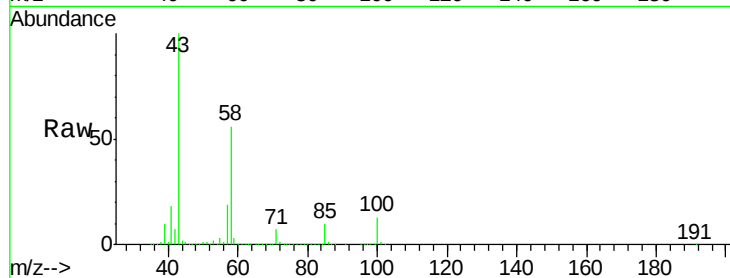
#59
2-Hexanone
Concen: 259.433 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 640819
Ion Ratio Lower Upper
43 100
58 56.9 29.0 87.1

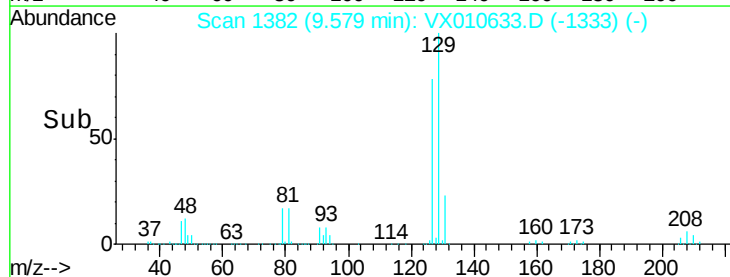
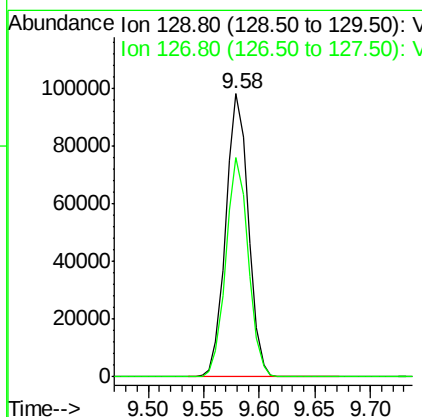
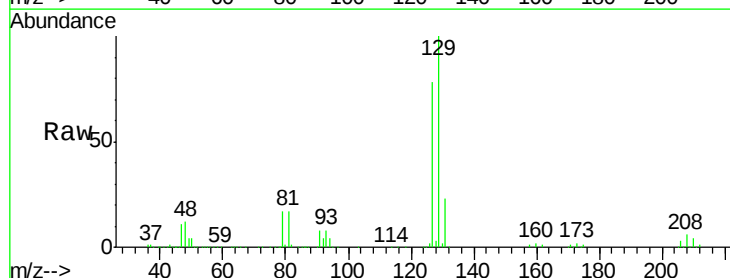
Manual Integrations
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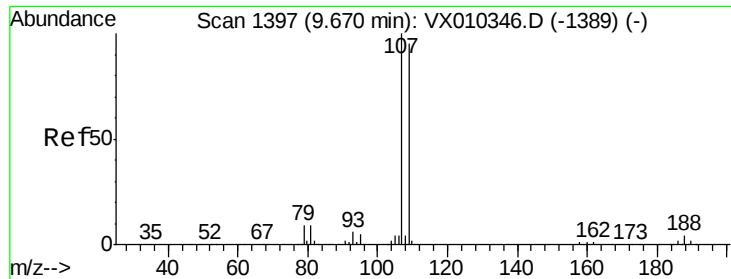
MMDadoda
7/8/2019 2:41:13 PM



#60
Dibromochloromethane
Concen: 50.651 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion: 129 Resp: 138350
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





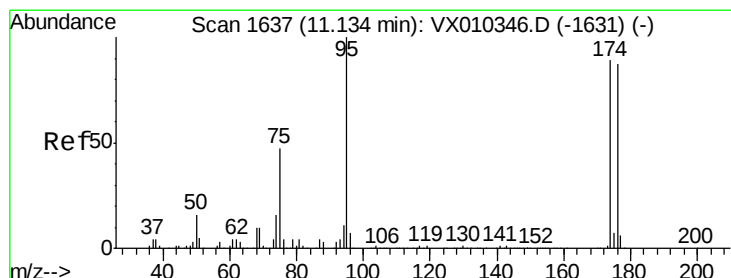
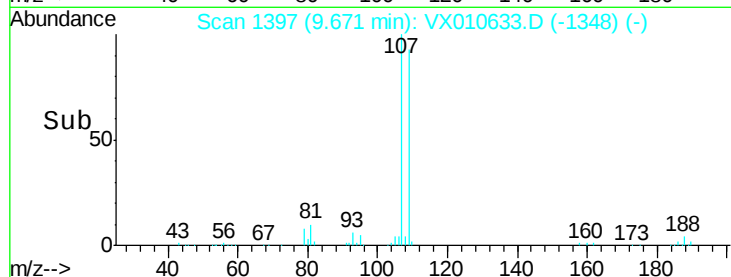
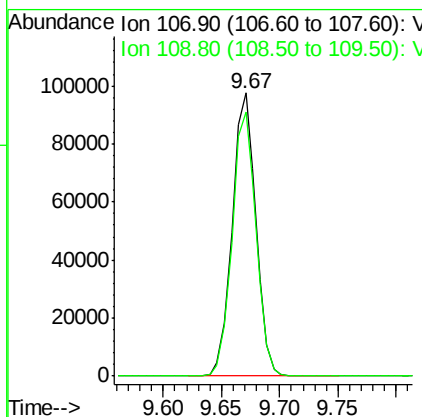
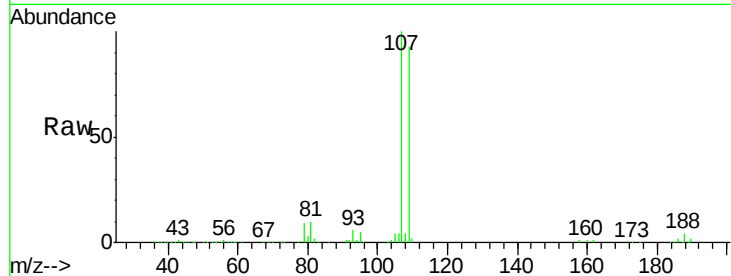
#61
 1,2-Dibromoethane
 Concen: 52.417 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.8	113.6

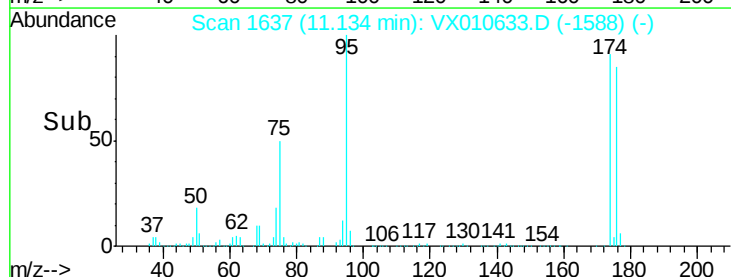
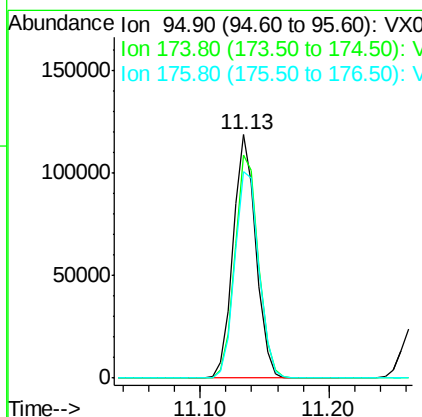
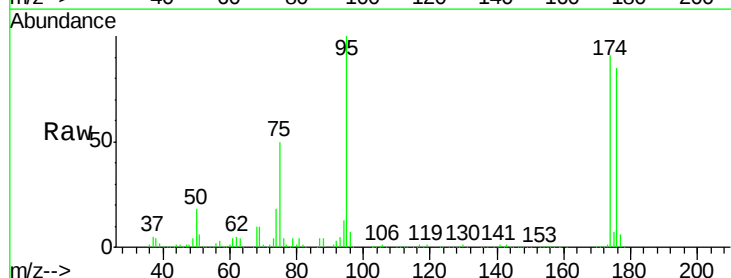
Manual Integrations
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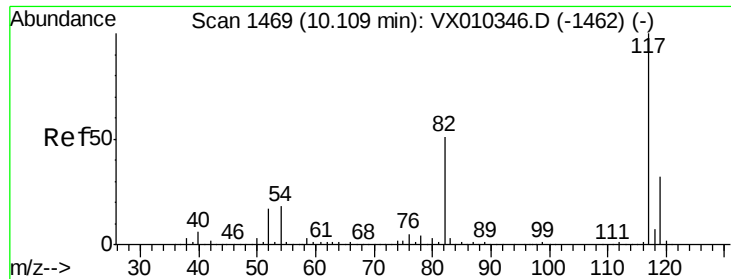
MMDadoda
 7/8/2019 2:41:13 PM



#62
 4-Bromofluorobenzene
 Concen: 47.719 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	187.6
176	90.3	0.0	184.0





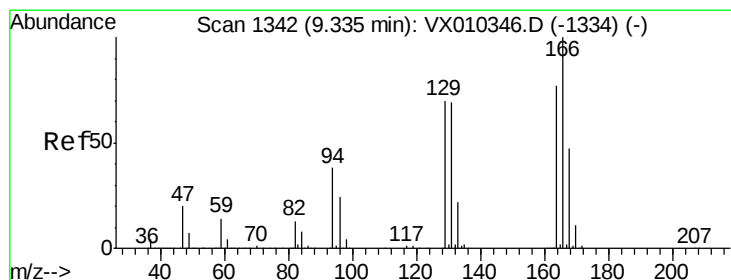
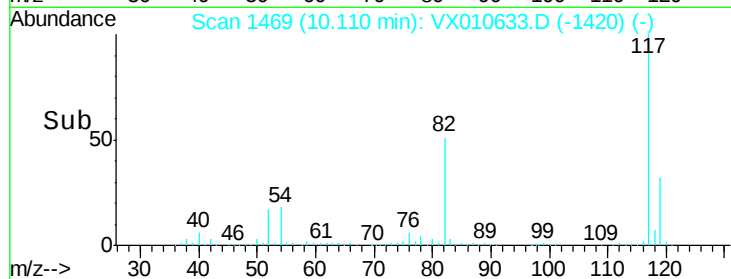
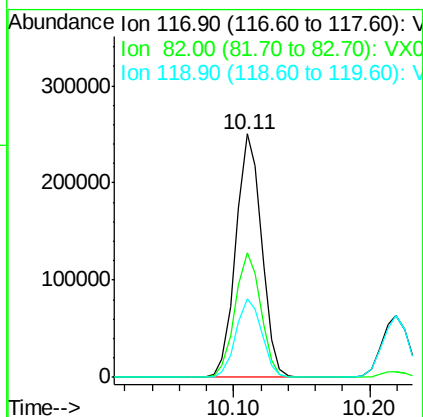
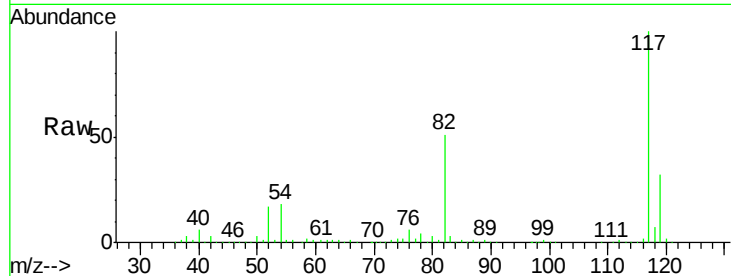
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.2	61.8
119	32.3	25.5	38.3

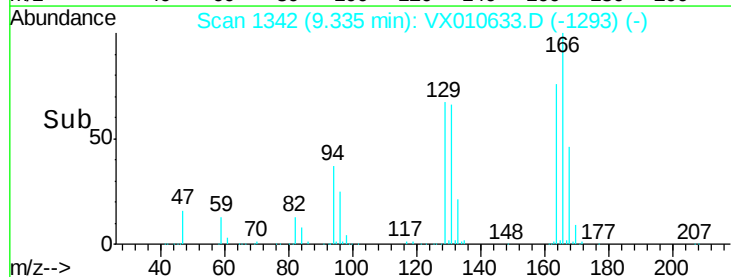
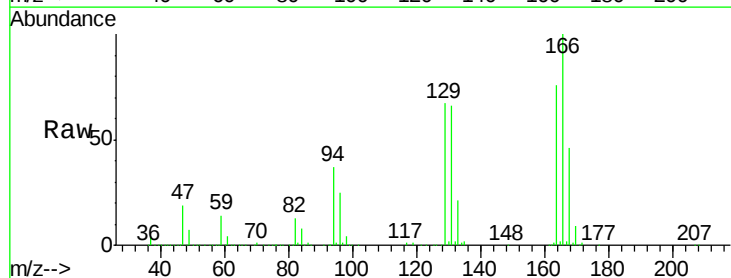
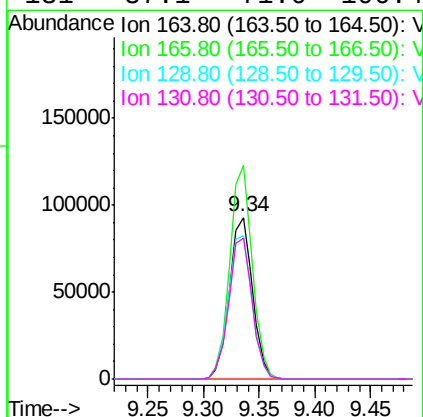
Manual Integrations
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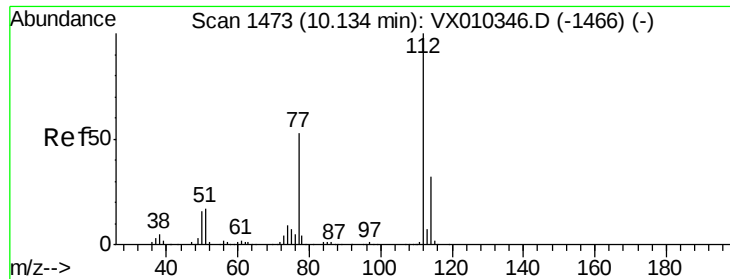
MMDadoda
7/8/2019 2:41:13 PM



#64
Tetrachloroethene
Concen: 50.221 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	103.6	155.4
129	88.7	73.0	109.4
131	87.1	71.0	106.4





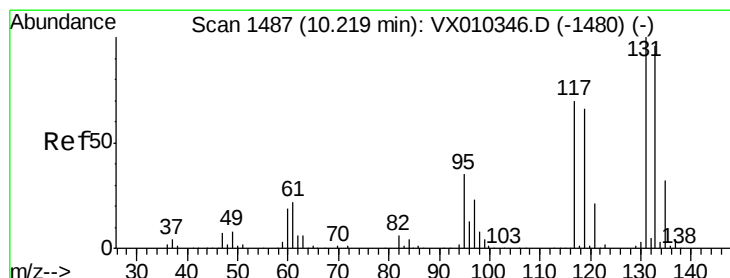
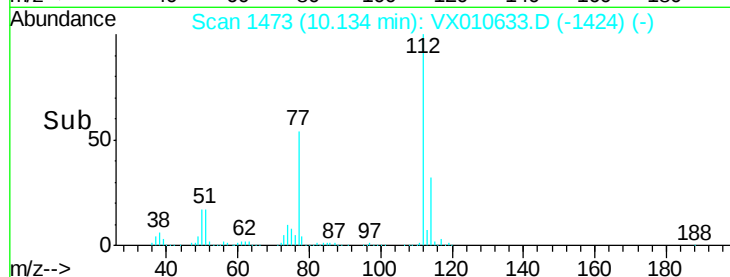
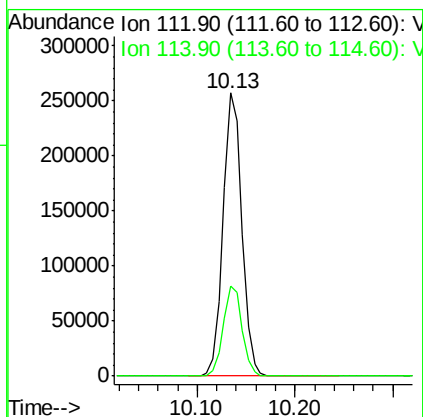
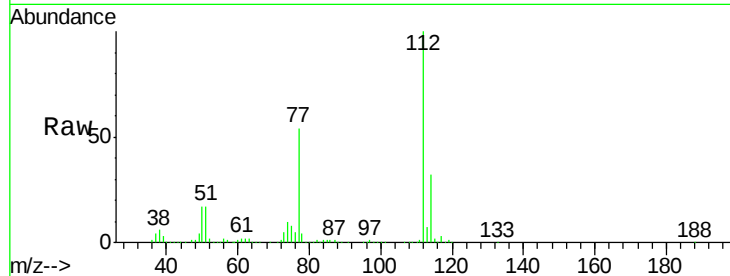
#65
Chlorobenzene
Concen: 51.205 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 343064
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

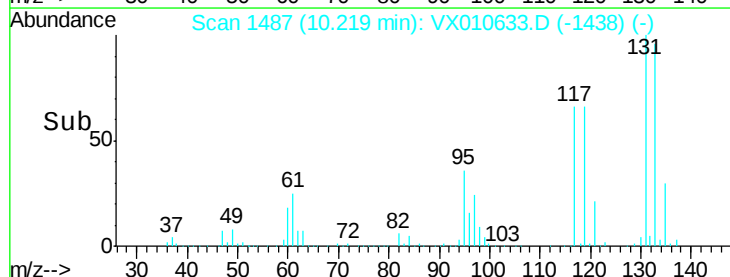
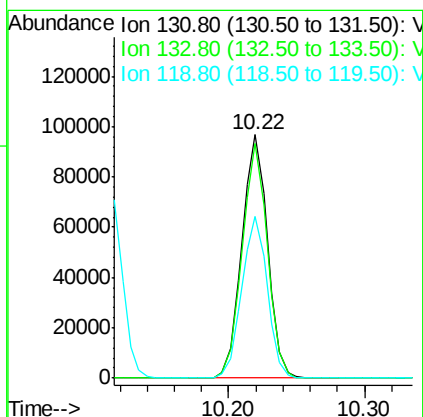
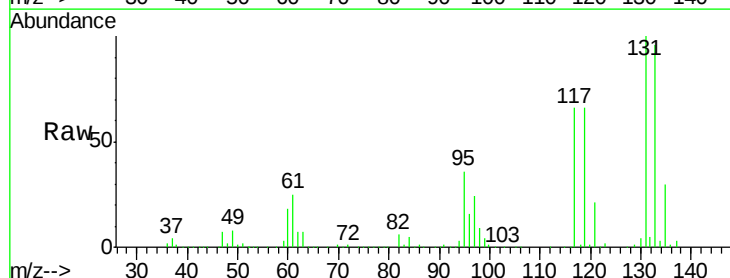
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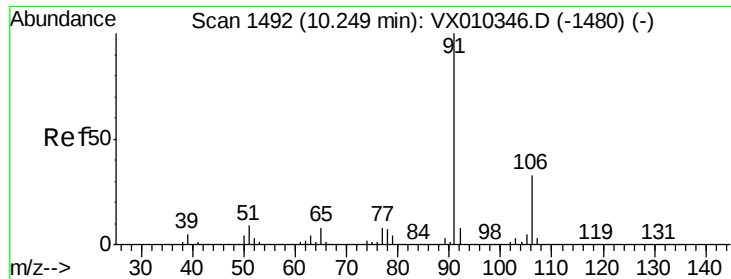
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.174 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion:131 Resp: 127326
Ion Ratio Lower Upper
131 100
133 94.8 47.7 143.1
119 66.2 32.6 97.7





#67

Ethyl Benzene

Concen: 53.069 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 600245

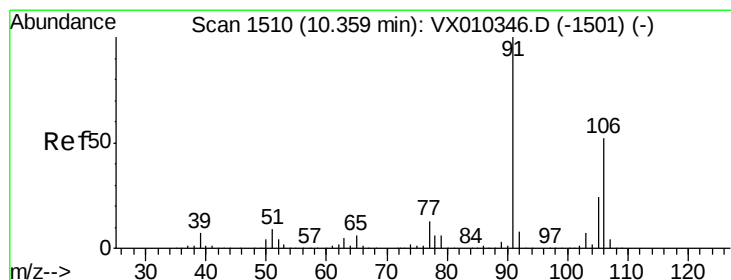
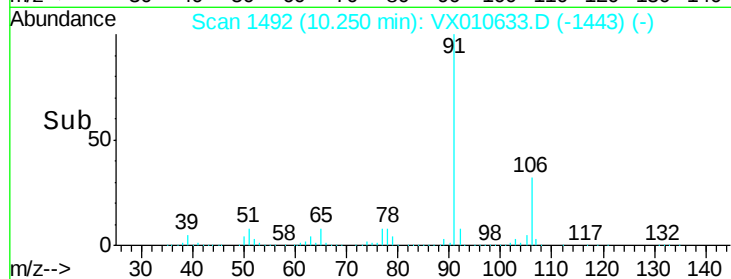
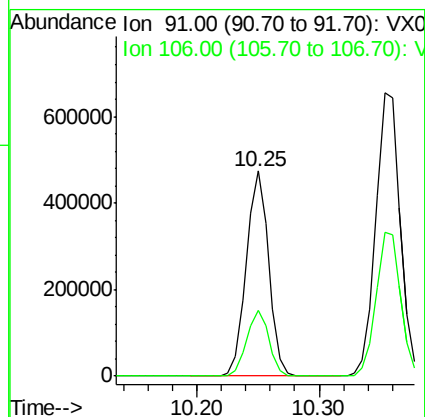
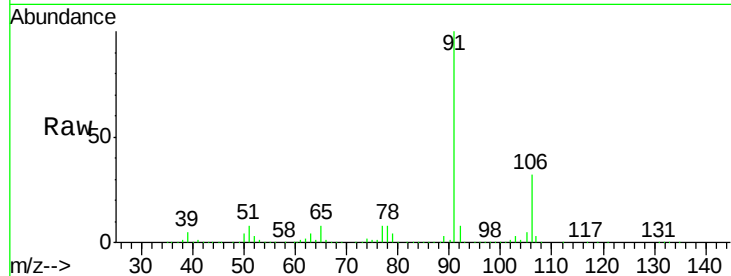
Ion Ratio Lower Upper

91 100

106 32.3 26.2 39.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 106.359 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010633.D

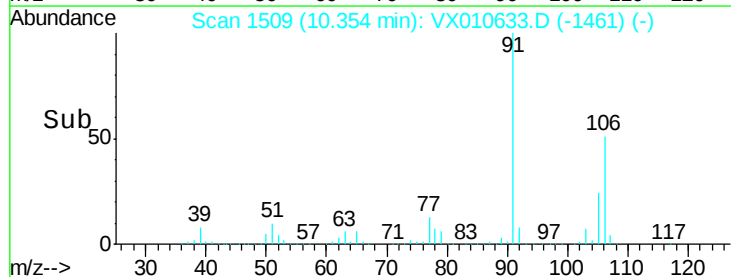
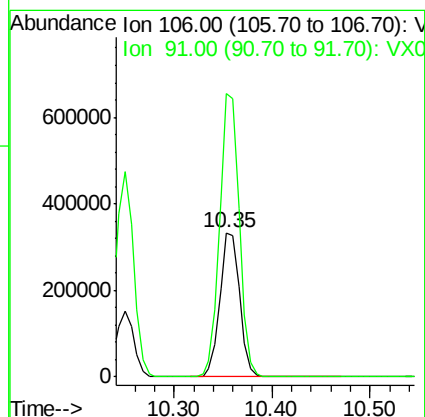
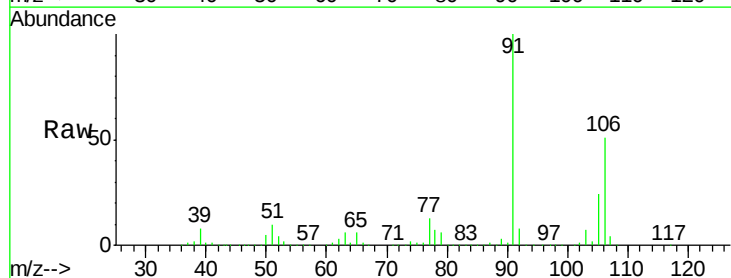
Acq: 03 Jul 2019 12:20

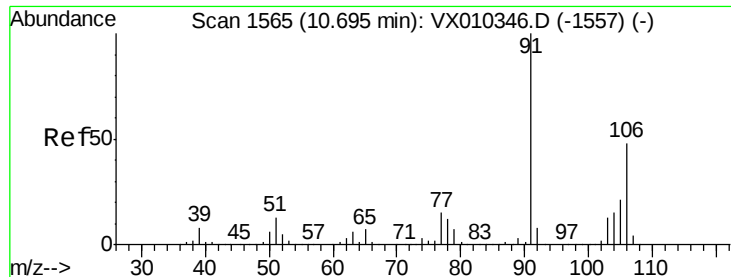
Tgt Ion: 106 Resp: 466129

Ion Ratio Lower Upper

106 100

91 195.4 155.3 232.9





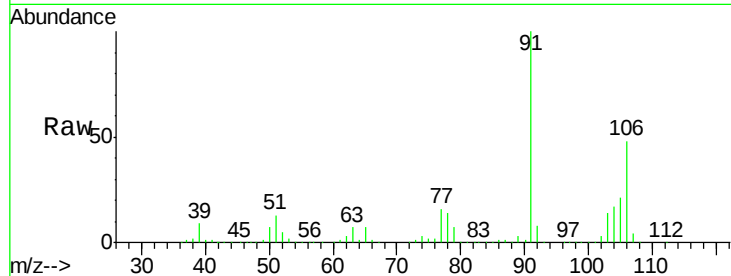
#69
o-Xylene
Concen: 51.736 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

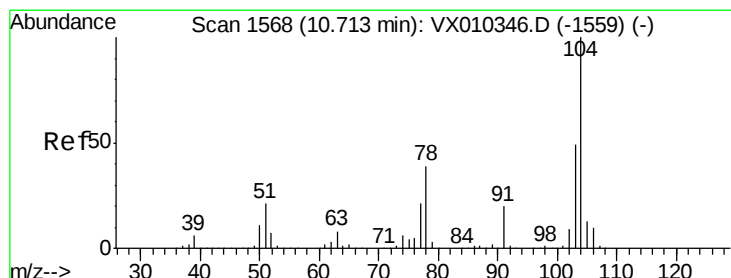
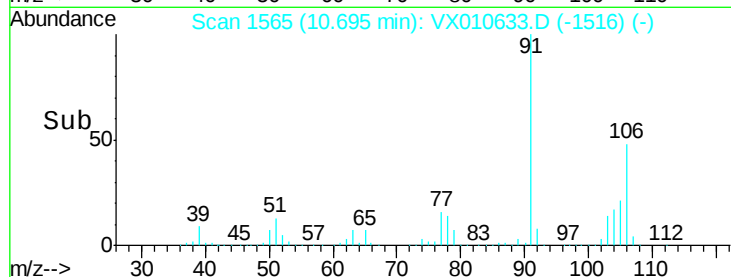
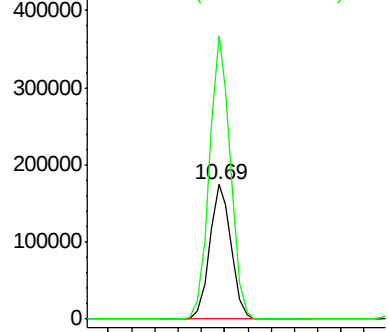
Tot Ion:106 Resp: 222976
Ion Ratio Lower Upper
106 100
91 206.2 102.7 308.1

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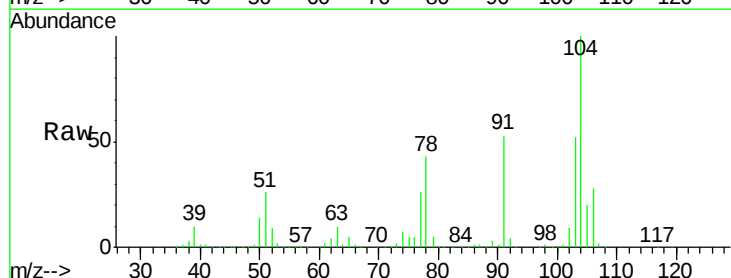


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

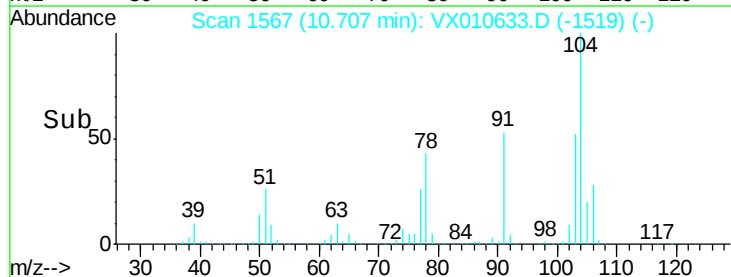
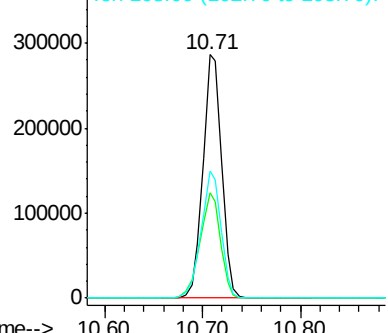


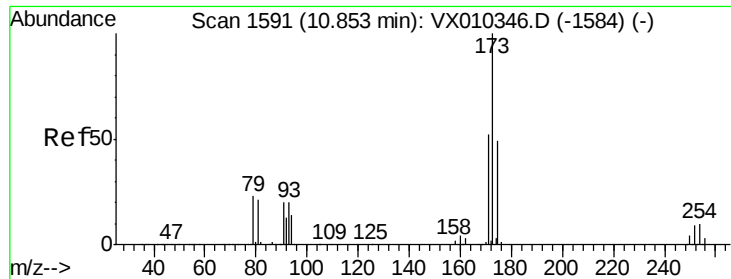
#70
Styrene
Concen: 52.830 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion:104 Resp: 381850
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 49.859 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

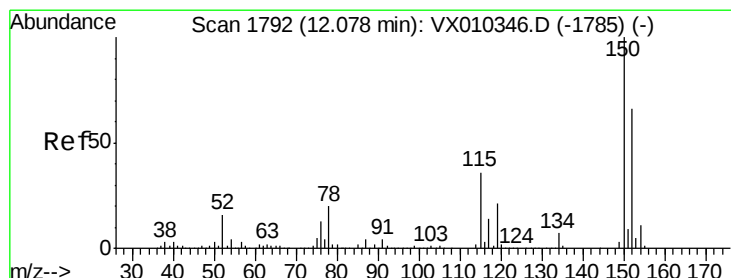
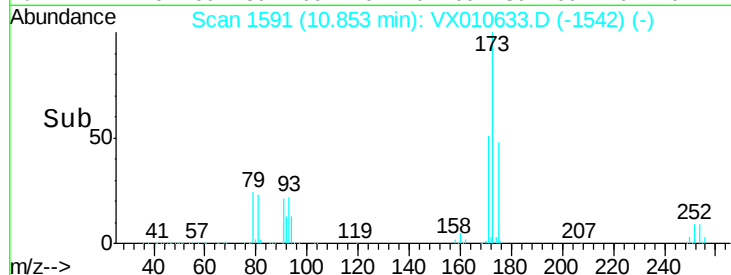
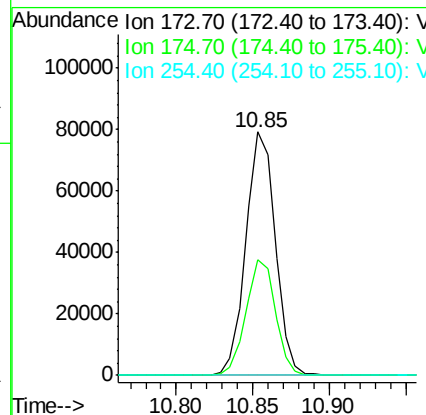
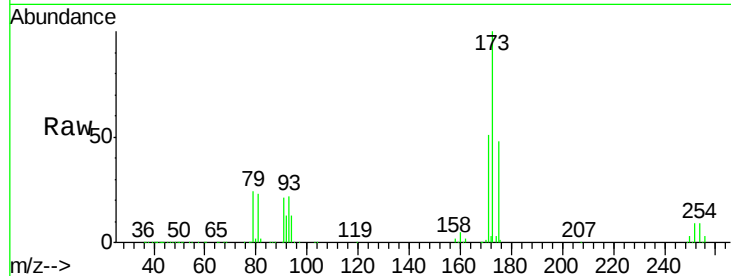
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	105813
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

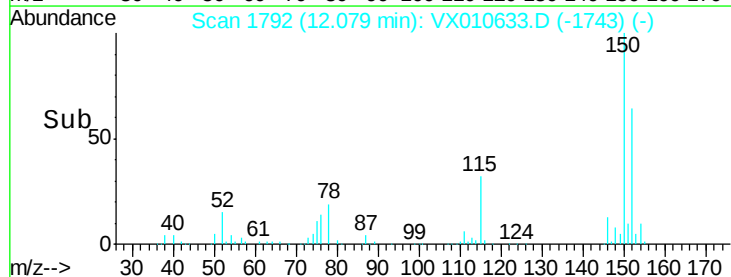
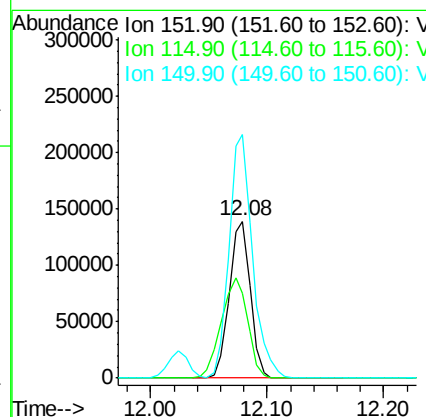
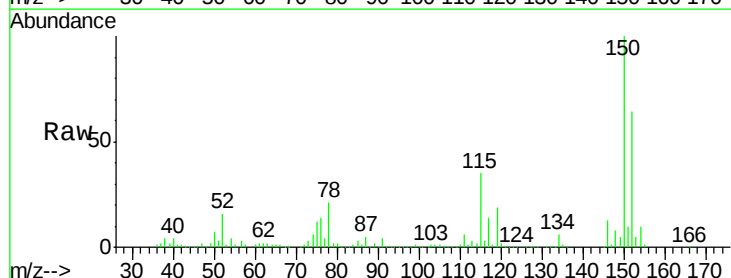
RT: 12.08 min Scan# 1792

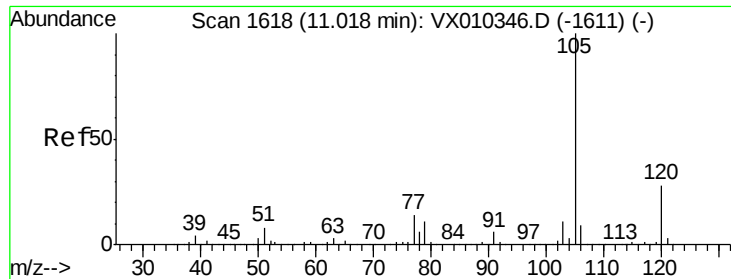
Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	152	Resp:	173809
Ion Ratio	Lower	Upper	
152	100		
115	79.5	38.6	115.7
150	172.4	0.0	347.4





#73

Isopropylbenzene

Concen: 51.334 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 604823

Ion Ratio Lower Upper

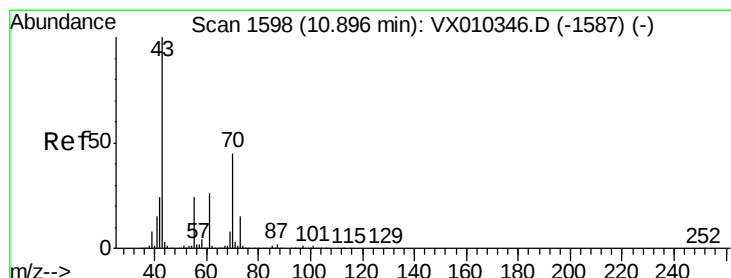
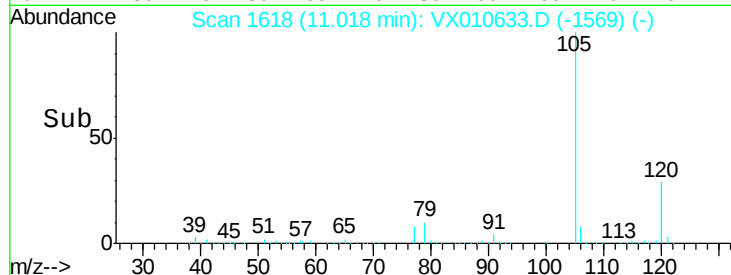
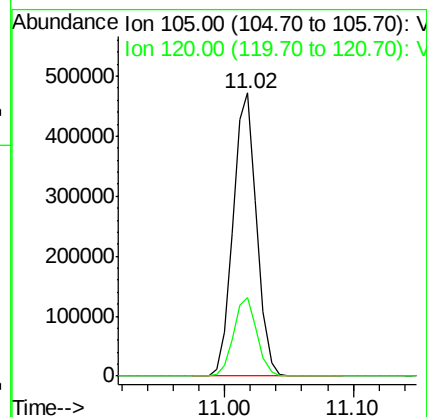
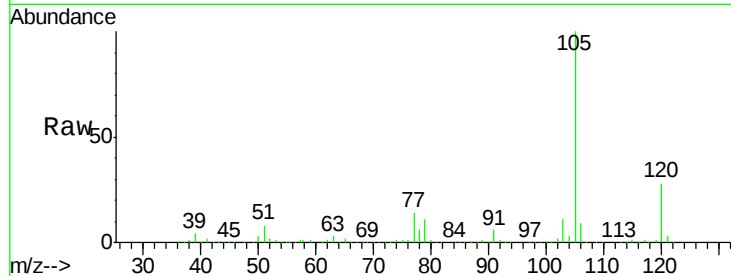
105 100

120 27.6 14.1 42.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 51.642 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion: 43 Resp: 229946

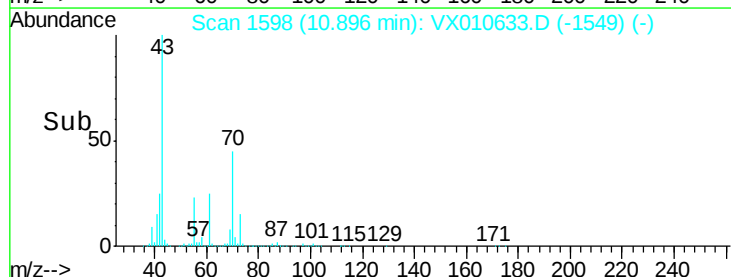
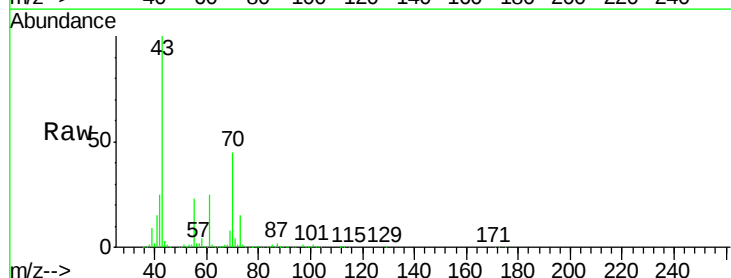
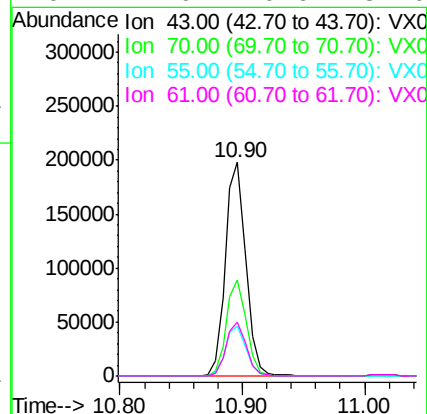
Ion Ratio Lower Upper

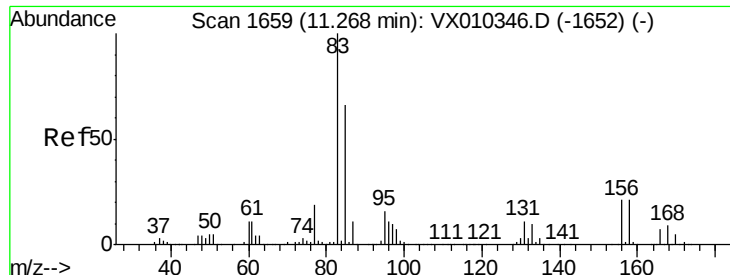
43 100

70 44.3 36.6 54.8

55 23.8 18.7 28.1

61 24.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.404 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

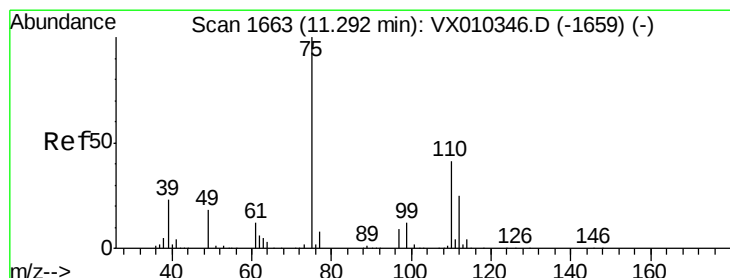
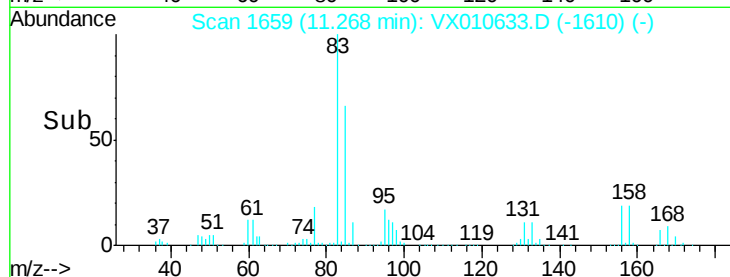
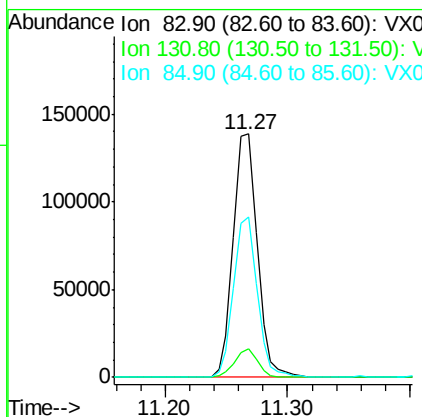
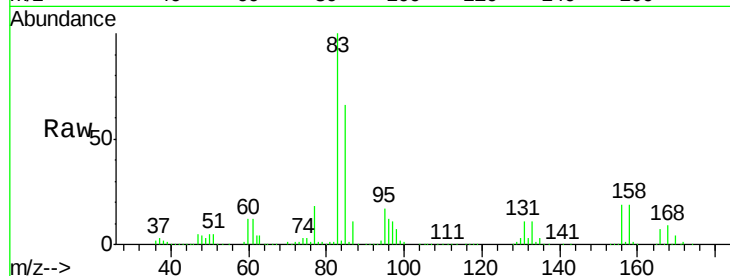
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	188869
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	65.0	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.252 ug/l m

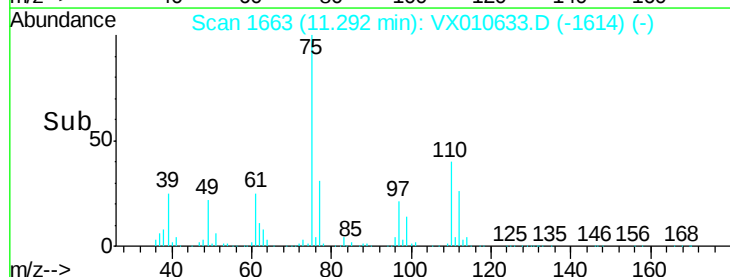
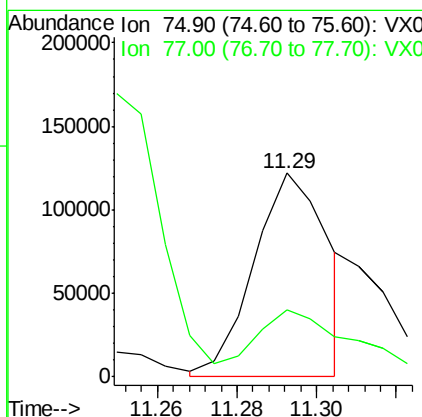
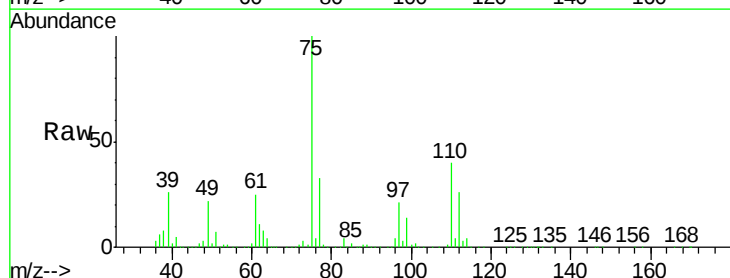
RT: 11.29 min Scan# 1663

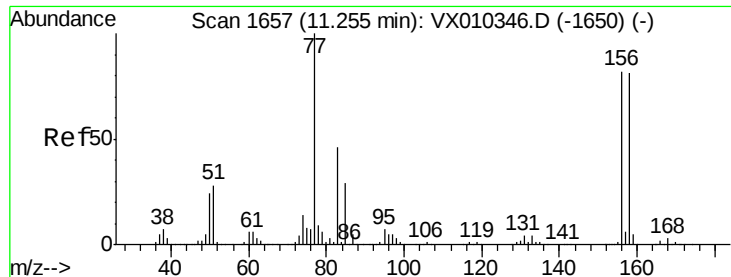
Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	75	Resp:	159161
Ion Ratio	Lower	Upper	
75	100		
77	43.6	22.6	67.8





#77

Bromobenzene

Concen: 50.075 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

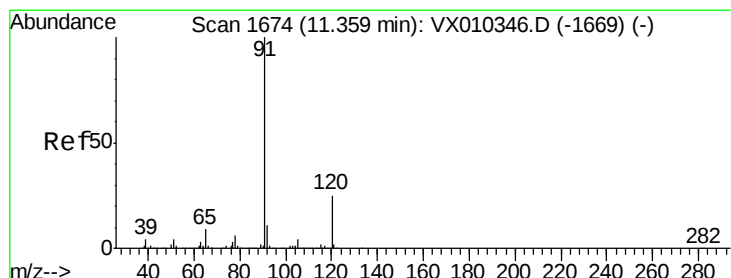
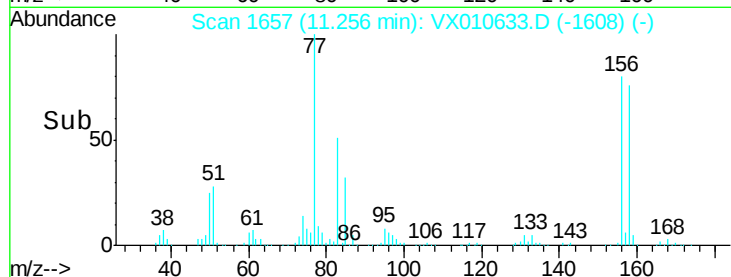
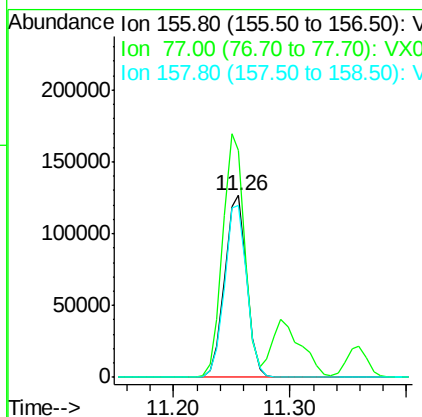
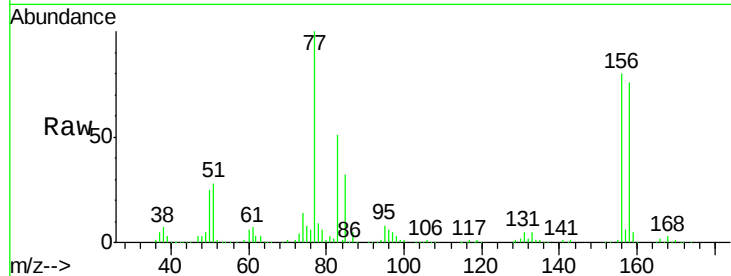
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	164741
Ion Ratio	Lower	Upper	
156	100		
77	133.8	66.3	198.7
158	96.1	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 52.946 ug/l

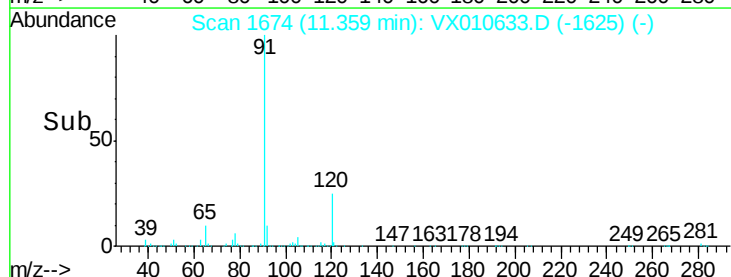
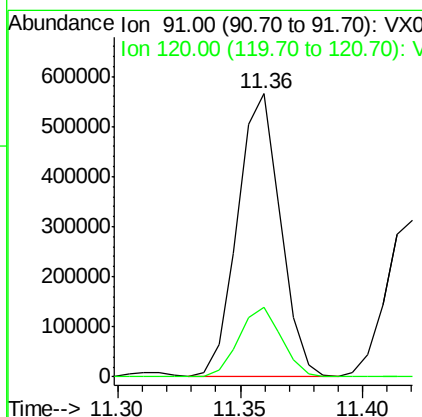
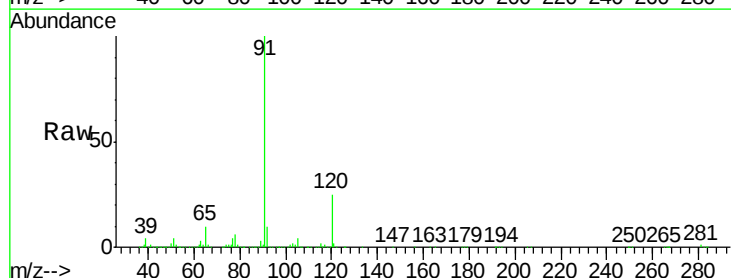
RT: 11.36 min Scan# 1674

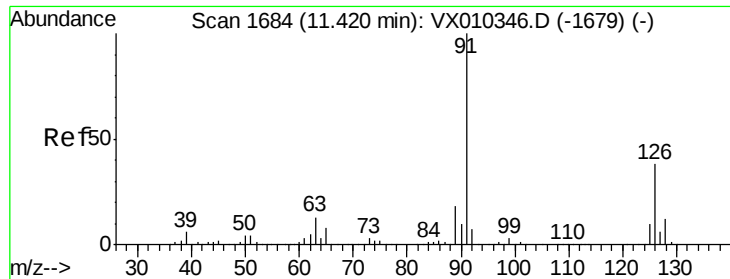
Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	91	Resp:	685607
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.4	37.4





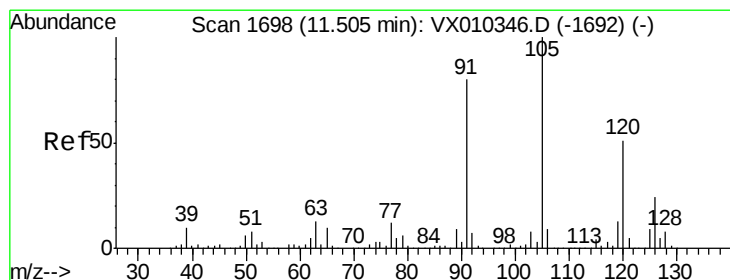
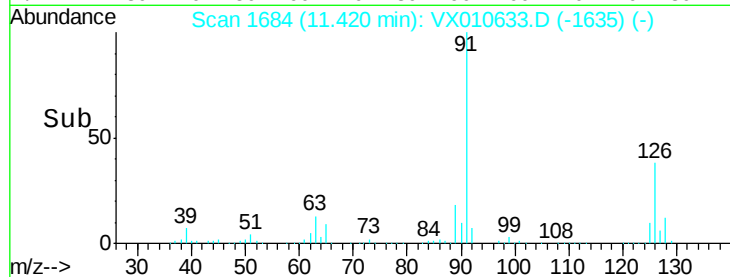
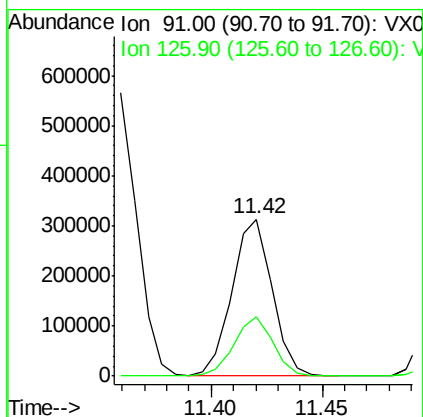
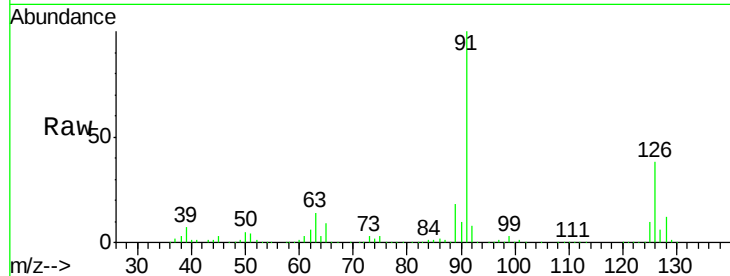
#79
 2-Chlorotoluene
 Concen: 50.797 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 391687
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.7 56.1

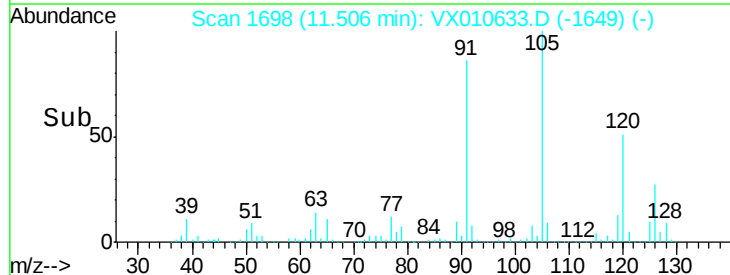
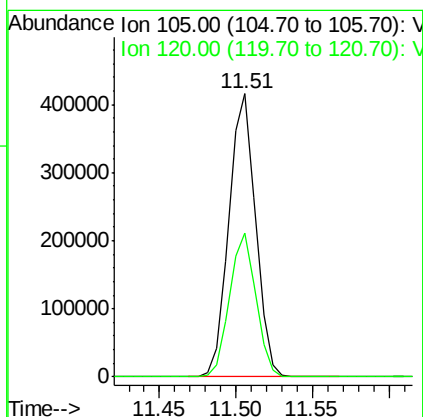
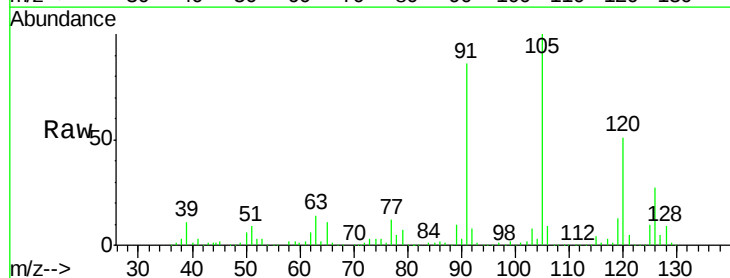
Manual Integrations
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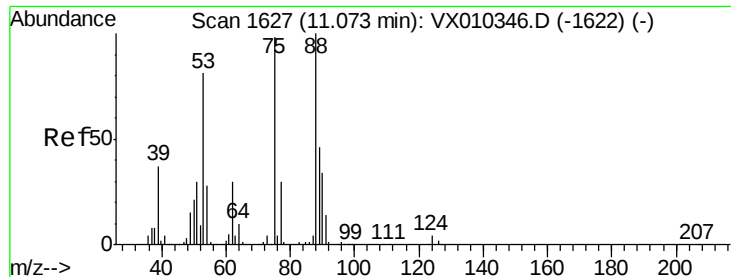
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.696 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion: 105 Resp: 502118
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 45.717 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

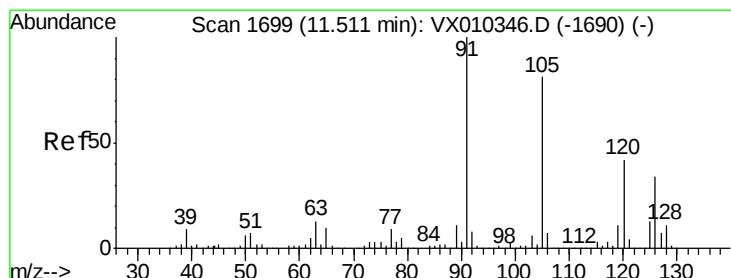
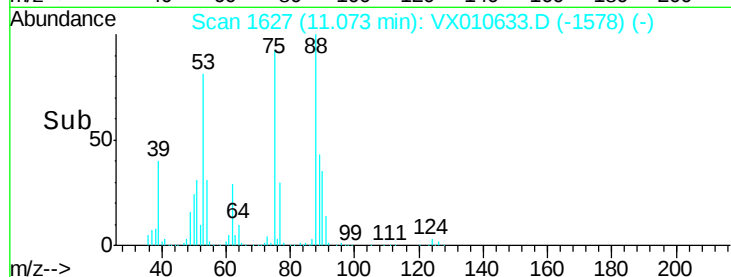
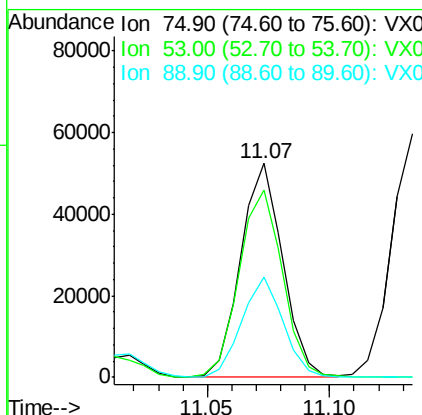
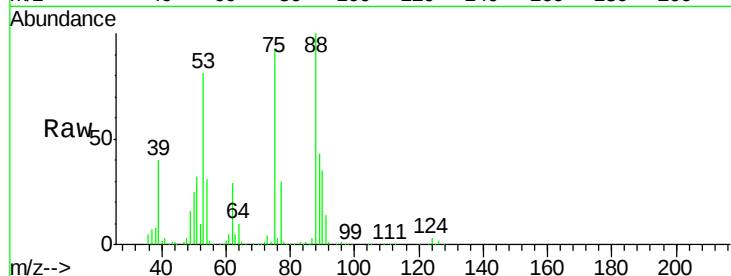
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	62068
Ion	Ratio	Lower	Upper
75	100		
53	90.9	66.1	99.1
89	46.7	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.245 ug/l

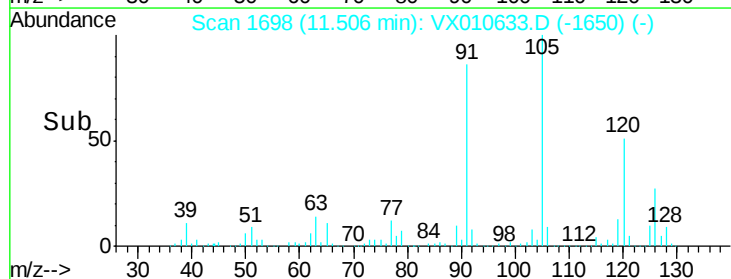
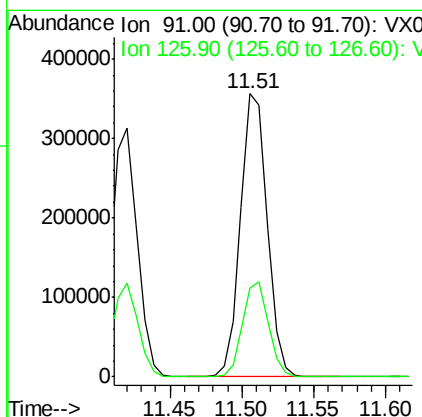
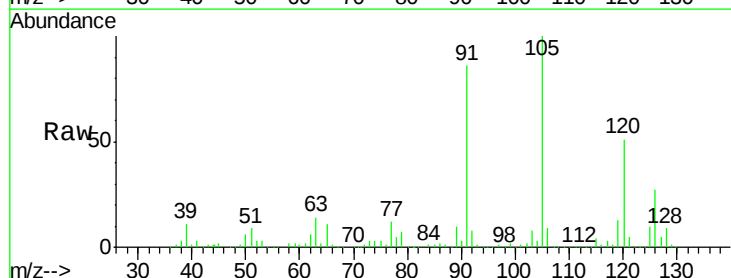
RT: 11.51 min Scan# 1698

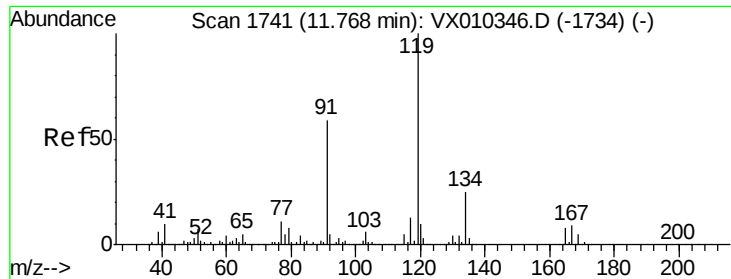
Delta R.T. -0.01 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	91	Resp:	458406
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.6





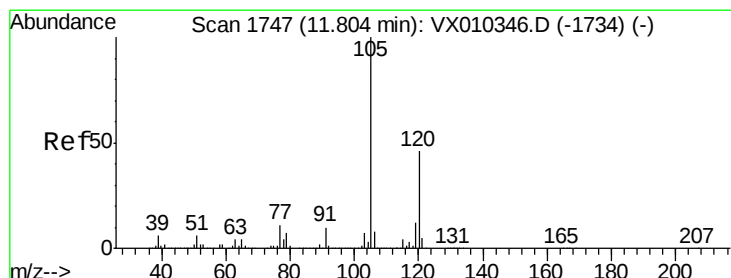
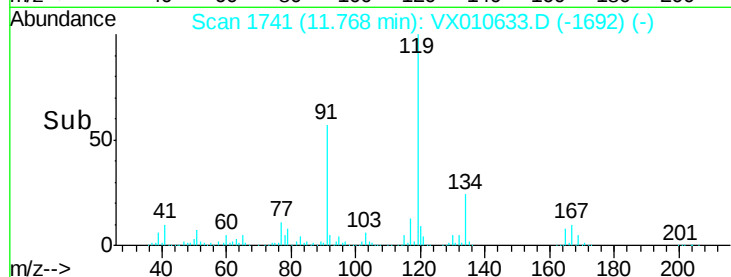
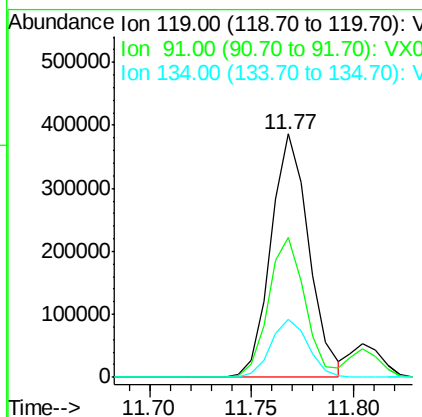
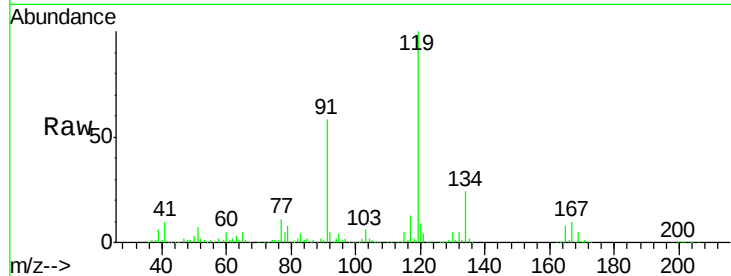
#83
 tert-Butylbenzene
 Concen: 51.517 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.6	27.6	82.7
134	23.5	11.8	35.4

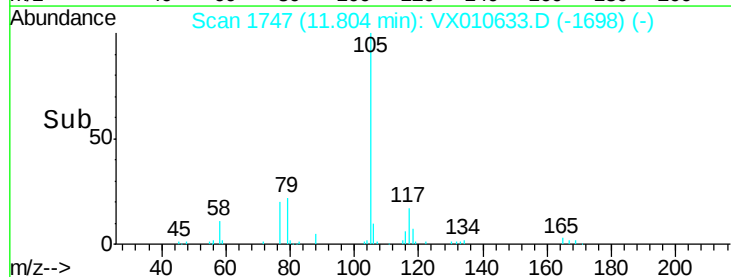
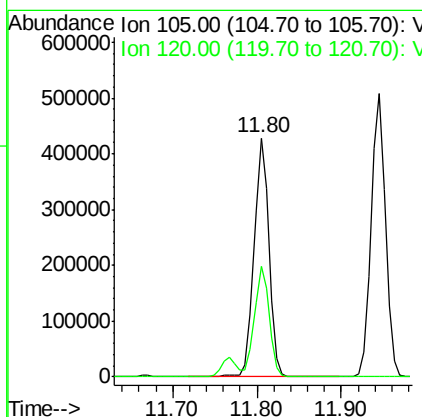
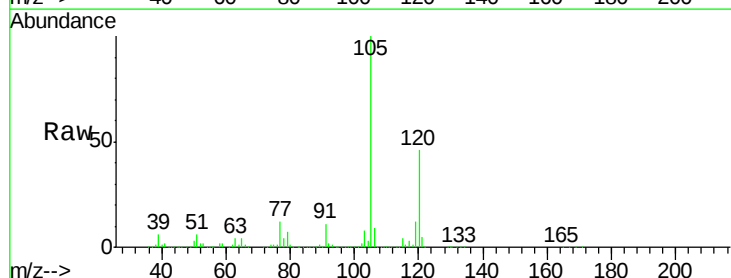
Manual Integrations
 APPROVED

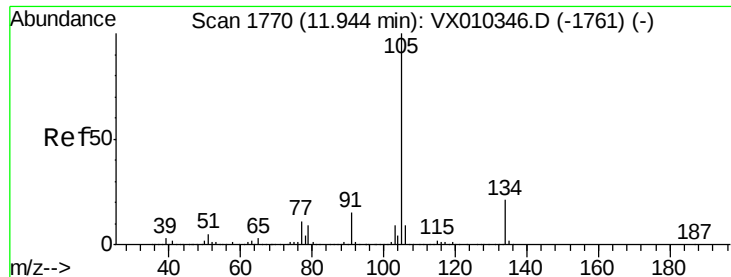
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.104 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 52.534 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 601326

Ion Ratio Lower Upper

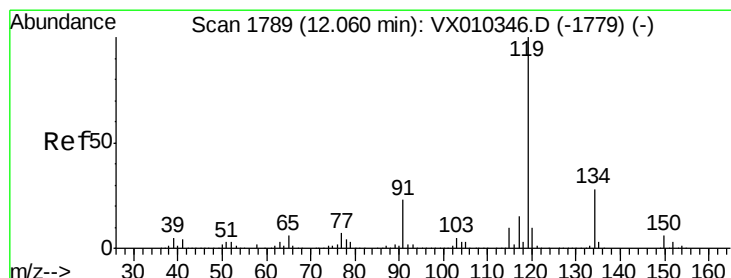
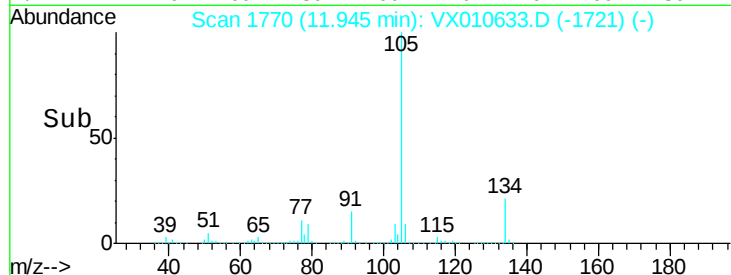
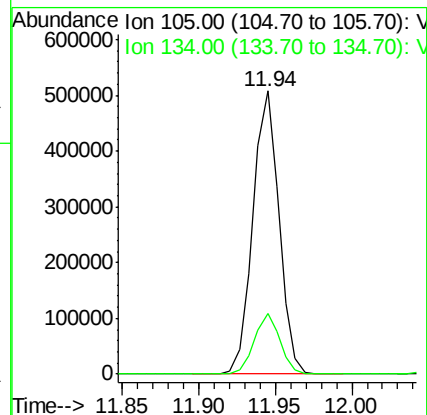
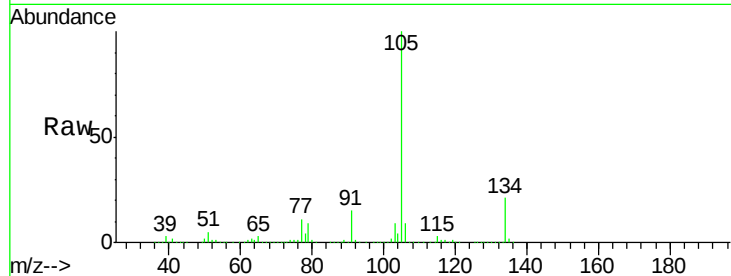
105 100

134 21.0 10.7 31.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.395 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

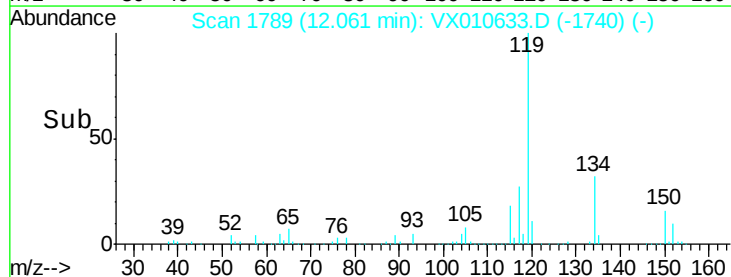
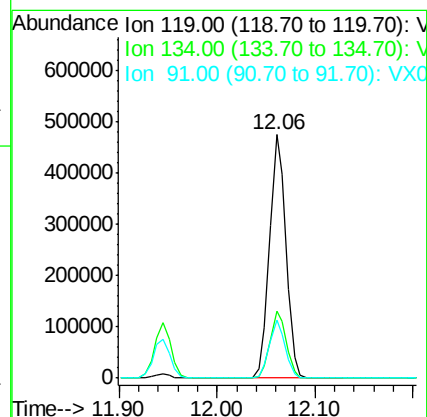
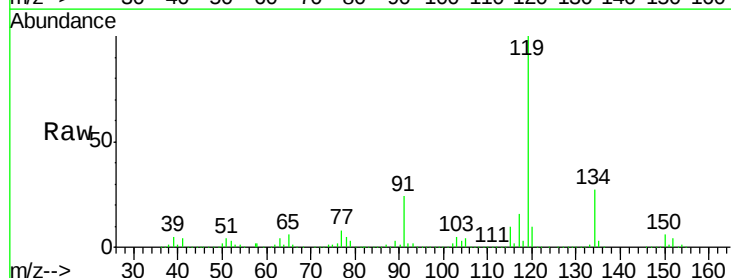
Tgt Ion:119 Resp: 554735

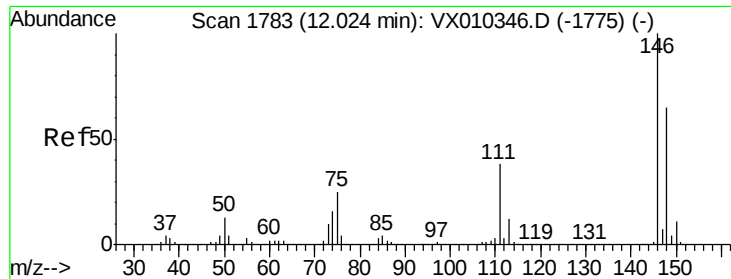
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 23.0 11.3 33.8





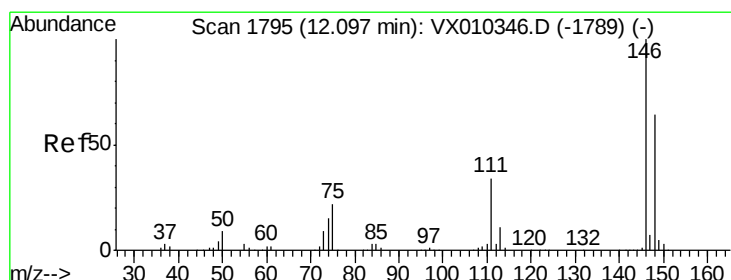
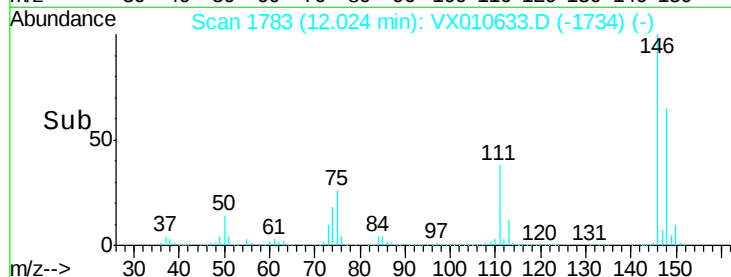
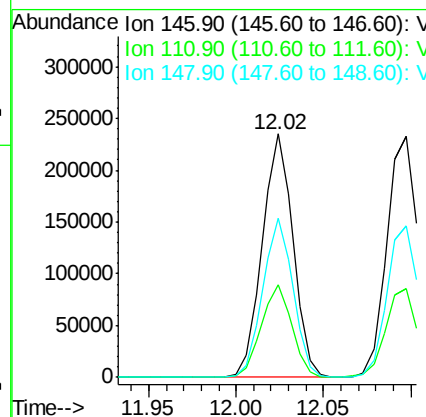
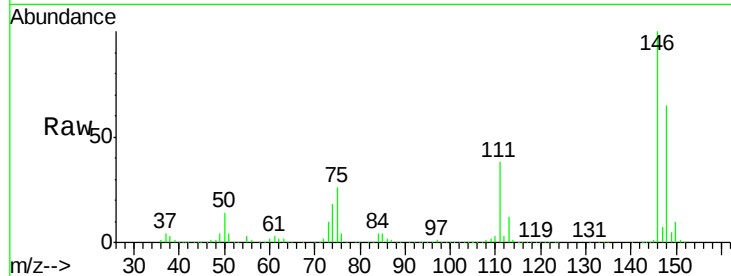
#87
 1,3-Dichlorobenzene
 Concen: 50.002 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.5	32.5	97.4

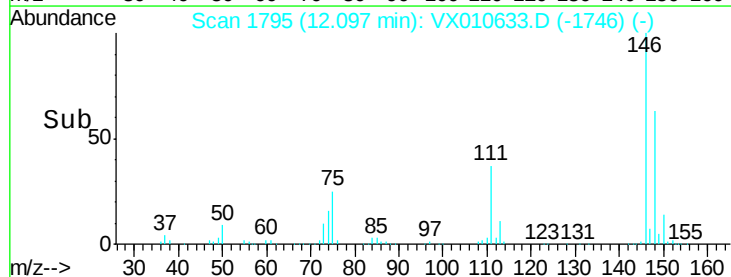
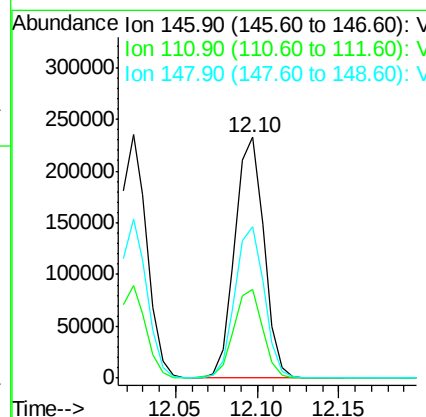
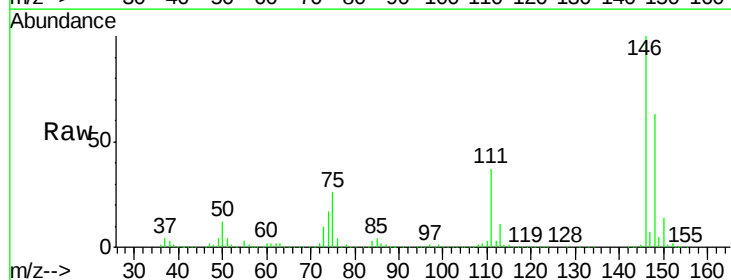
Manual Integrations
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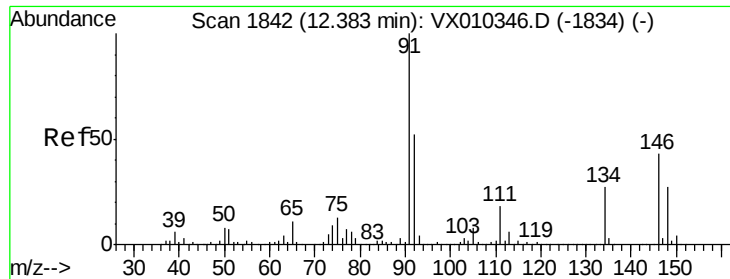
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#88
 1,4-Dichlorobenzene
 Concen: 49.525 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.3
148	63.3	32.1	96.3





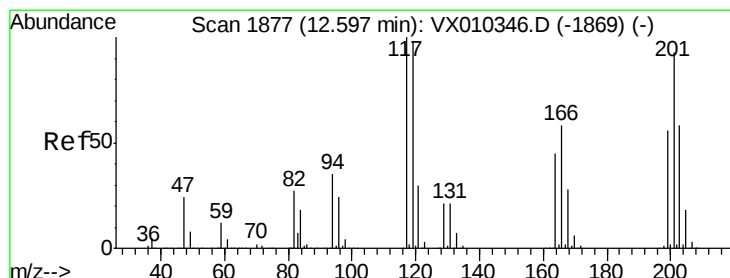
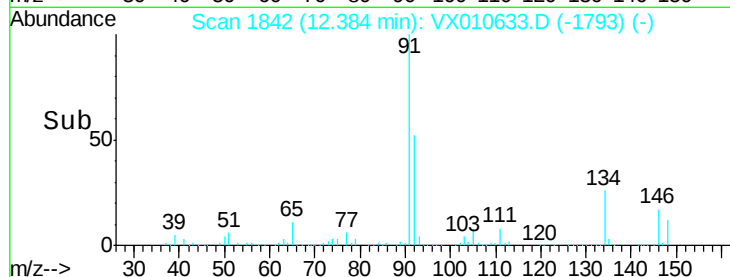
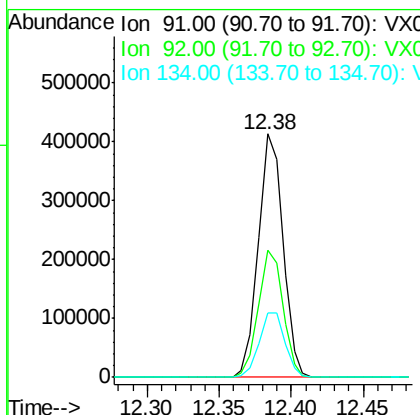
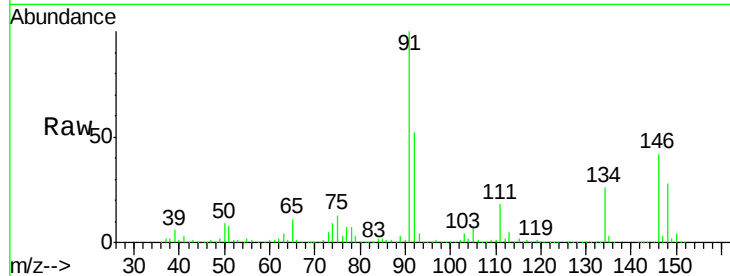
#89
n-Butylbenzene
Concen: 54.146 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.5
134	27.7	14.1	42.4

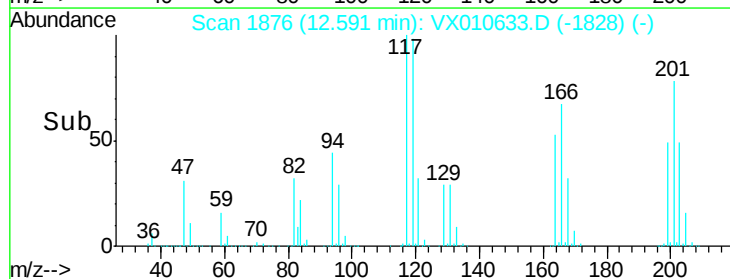
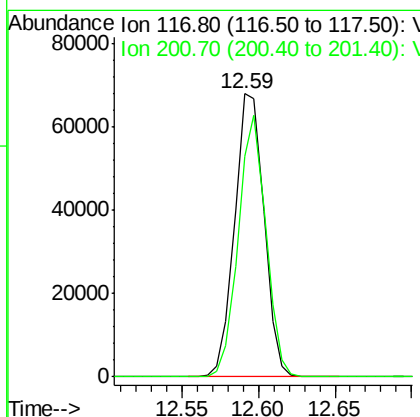
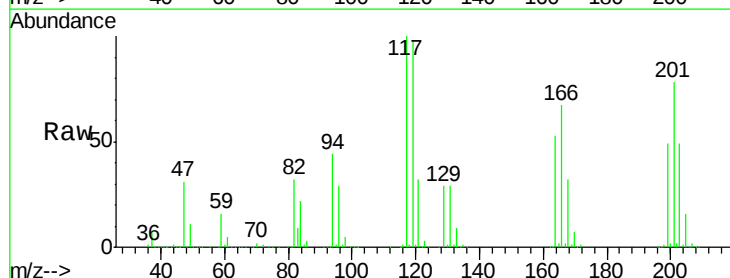
Manual Integrations
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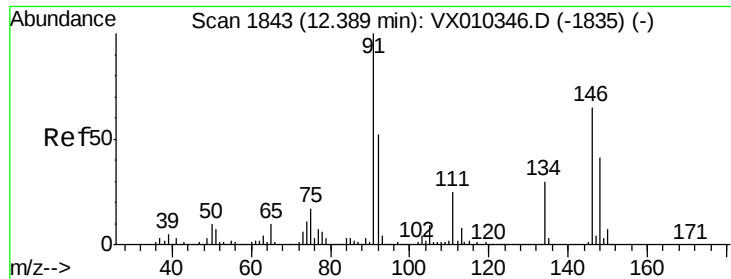
MMDadoda
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#90
Hexachloroethane
Concen: 49.410 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	44.0	131.8





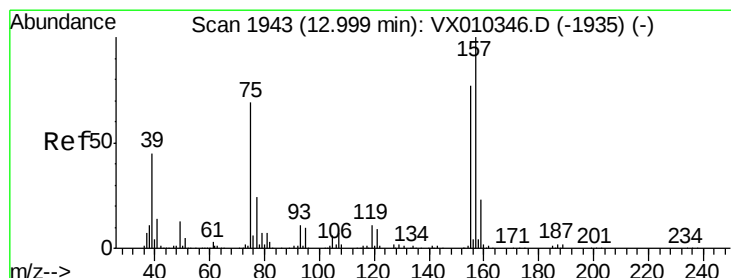
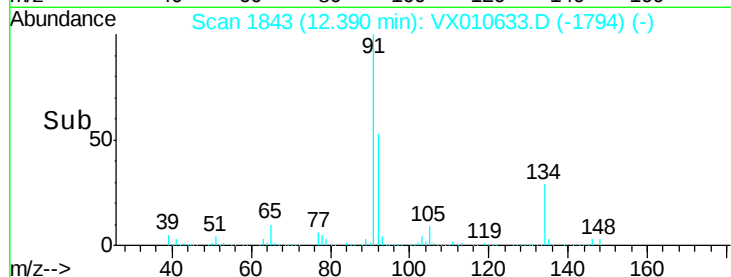
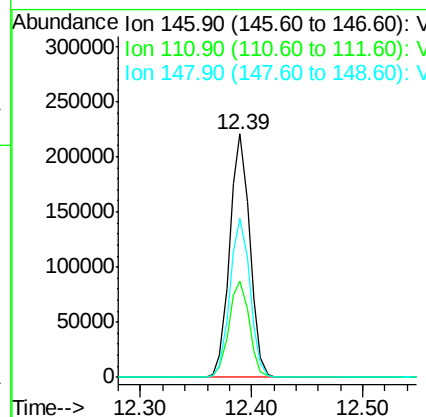
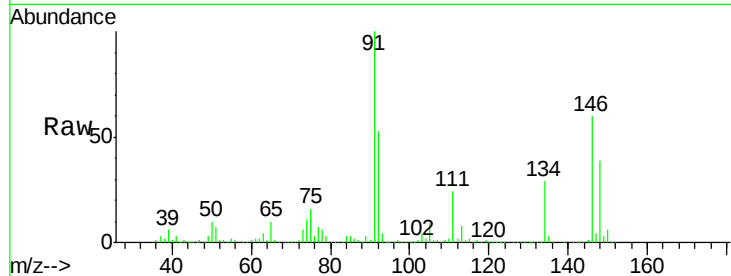
#91
 1,2-Dichlorobenzene
 Concen: 48.202 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	275116		
111	40.1	19.2	57.6	
148	65.3	32.0	96.0	

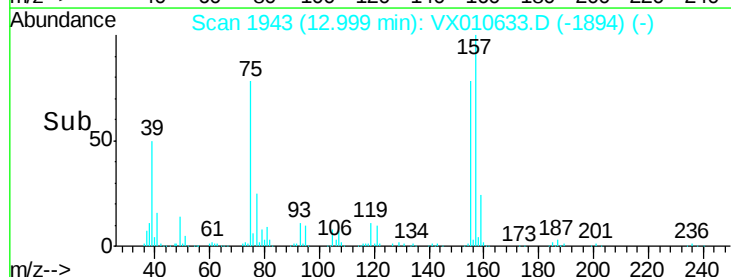
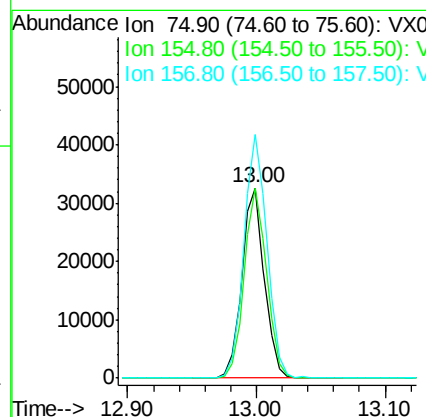
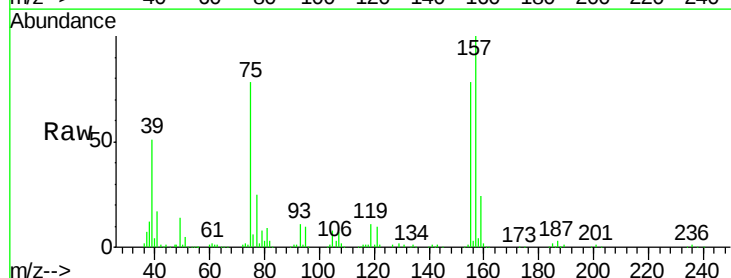
Manual Integrations
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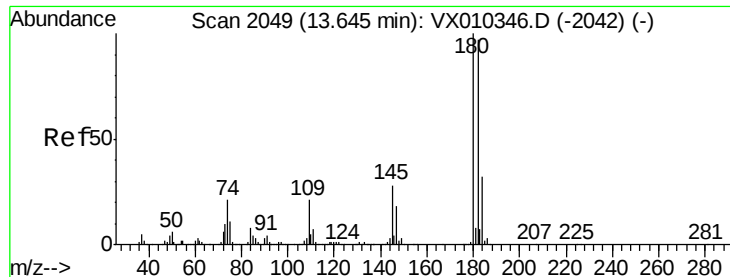
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.912 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010633.D
 Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39466		
155	99.5	54.4	163.1	
157	129.9	69.5	208.3	





#93

1,2,4-Trichlorobenzene

Concen: 50.468 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Instrument :

MSVOA_X

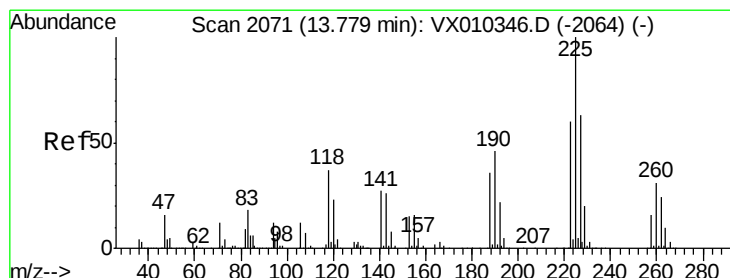
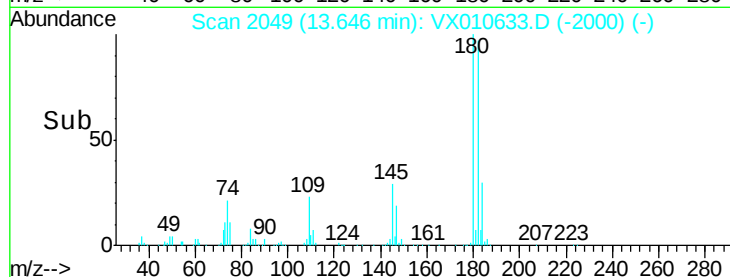
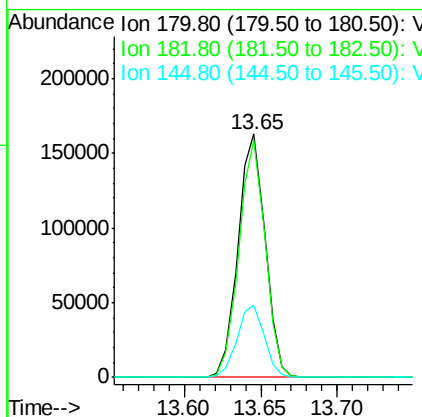
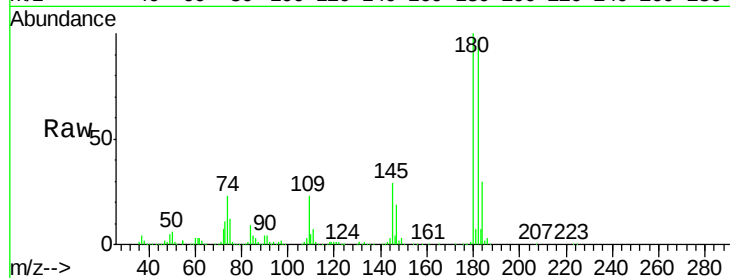
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	199759
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.0	144.0
145	29.7	14.4	43.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 51.046 ug/l

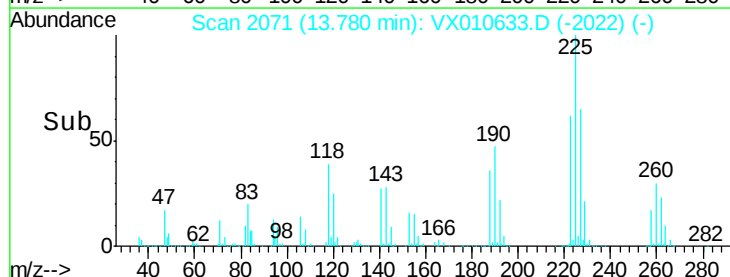
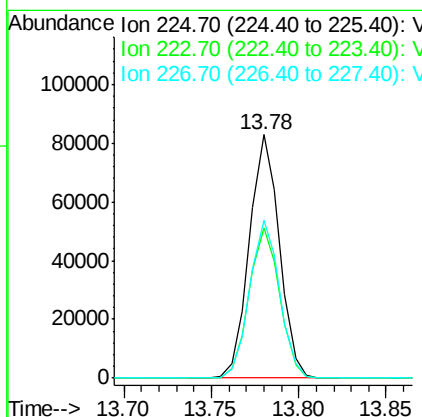
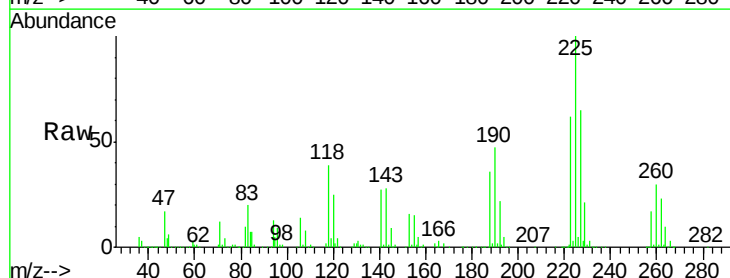
RT: 13.78 min Scan# 2071

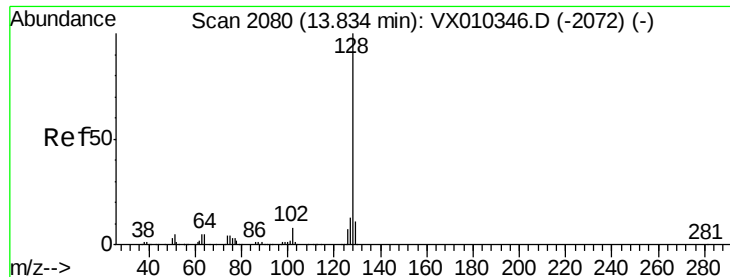
Delta R.T. 0.00 min

Lab File: VX010633.D

Acq: 03 Jul 2019 12:20

Tgt Ion:	225	Resp:	98747
Ion Ratio	Lower	Upper	
225	100		
223	63.0	30.9	92.7
227	64.6	31.9	95.5





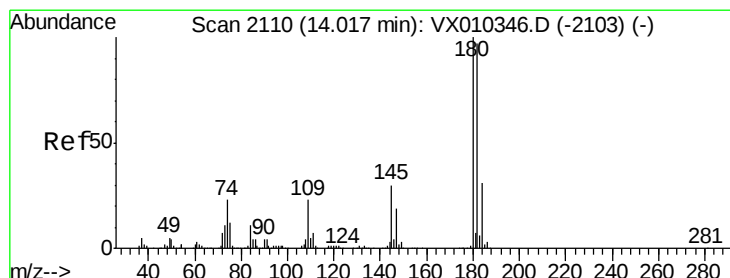
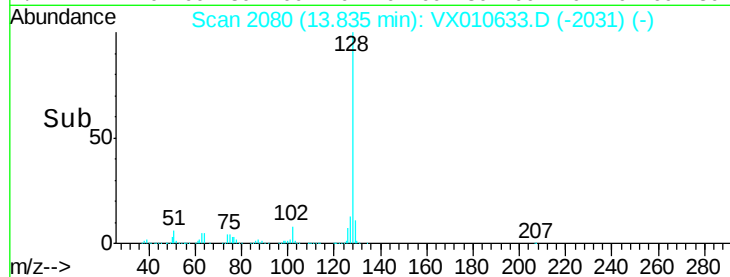
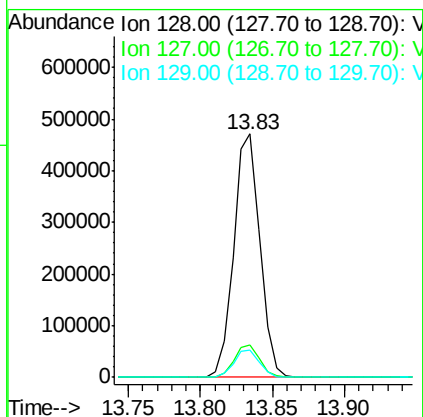
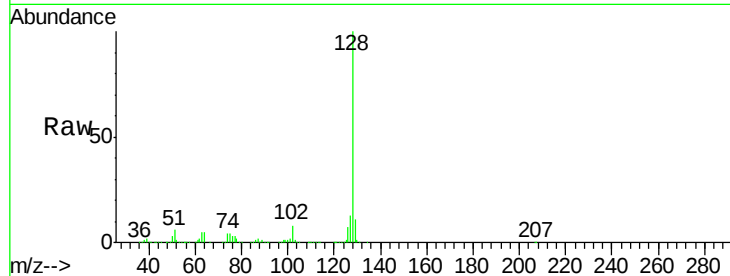
#95
Naphthalene
Concen: 49.116 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.820 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010633.D
Acq: 03 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.8	143.3
145	31.8	15.2	45.6

