

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017060.D
 Acq On : 30 Jun 2020 21:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 08:14:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	398595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	152921	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	5.46	113	127021	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.70	98	463827	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.12	95	181112	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	125396	51.183	ug/l	96
3) Chloromethane	1.31	50	135349	45.641	ug/l	100
4) Vinyl Chloride	1.39	62	133948	48.683	ug/l	100
5) Bromomethane	1.62	94	74477	51.234	ug/l	100
6) Chloroethane	1.71	64	80886	49.775	ug/l	97
7) Trichlorofluoromethane	1.92	101	212390	52.193	ug/l	99
8) Diethyl Ether	2.17	74	73774	53.853	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	122371	50.174	ug/l	96
10) Methyl Iodide	2.49	142	148241	47.105	ug/l	99
11) Tert butyl alcohol	3.01	59	151479	254.341	ug/l	99
12) 1,1-Dichloroethene	2.36	96	125745	50.188	ug/l	98
13) Acrolein	2.28	56	83497	234.527	ug/l	99
14) Allyl chloride	2.71	41	224272	48.436	ug/l	99
15) Acrylonitrile	3.12	53	371917	259.767	ug/l	99
16) Acetone	2.42	43	304502	260.729	ug/l	99
17) Carbon Disulfide	2.55	76	362802	51.891	ug/l	99
18) Methyl Acetate	2.75	43	161023	52.816	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	441601	52.517	ug/l	100
20) Methylene Chloride	2.84	84	144647	54.067	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142802	51.360	ug/l	94
22) Diisopropyl ether	3.82	45	439960	51.338	ug/l	97
23) Vinyl Acetate	3.79	43	1961460	266.352	ug/l	100
24) 1,1-Dichloroethane	3.67	63	248355	50.932	ug/l	100
25) 2-Butanone	4.64	43	503624	258.799	ug/l	100
26) 2,2-Dichloropropane	4.55	77	188080	43.440	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	156354	49.630	ug/l	99
28) Bromochloromethane	4.98	49	112363	47.353	ug/l	98
29) Tetrahydrofuran	5.09	42	333353	259.264	ug/l	99
30) Chloroform	5.18	83	252941	50.602	ug/l	98
31) Cyclohexane	5.54	56	211680	50.222	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	234620	50.965	ug/l	99
36) 1,1-Dichloropropene	5.77	75	190153	50.476	ug/l	100
37) Ethyl Acetate	4.79	43	196162	51.321	ug/l	99
38) Carbon Tetrachloride	5.76	117	213097	51.357	ug/l	96

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 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 08:14:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	208711	49.794	ug/l	99
40) Benzene	6.12	78	560330	50.623	ug/l	98
41) Methacrylonitrile	5.01	41	114082	53.031	ug/l	97
42) 1,2-Dichloroethane	6.16	62	205256	51.339	ug/l	99
43) Isopropyl Acetate	6.42	43	326956	51.477	ug/l	100
44) Trichloroethene	7.19	130	161228	52.803	ug/l	95
45) 1,2-Dichloropropane	7.49	63	143985	50.647	ug/l	99
46) Dibromomethane	7.63	93	99866	51.453	ug/l	99
47) Bromodichloromethane	7.88	83	207241	51.812	ug/l	98
48) Methyl methacrylate	7.74	41	160002	53.024	ug/l	97
49) 1,4-Dioxane	7.71	88	69131	1011.254	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1000685	264.305	ug/l	100
52) Toluene	8.76	92	355536	51.447	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	225124	51.012	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	238229	50.356	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	146637	51.935	ug/l	98
56) Ethyl methacrylate	9.16	69	216152	53.786	ug/l	99
57) 1,3-Dichloropropane	9.35	76	244478	51.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	573806	286.889	ug/l	99
59) 2-Hexanone	9.48	43	758427	274.284	ug/l	99
60) Dibromochloromethane	9.57	129	176207	53.732	ug/l	98
61) 1,2-Dibromoethane	9.65	107	156726	51.640	ug/l	99
64) Tetrachloroethene	9.32	164	150952	49.319	ug/l	98
65) Chlorobenzene	10.12	112	392706	50.171	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	156023	51.722	ug/l	99
67) Ethyl Benzene	10.24	91	680923	52.091	ug/l	97
68) m/p-Xylenes	10.34	106	527643	105.126	ug/l	99
69) o-Xylene	10.68	106	249792	52.315	ug/l	99
70) Styrene	10.70	104	439363	54.037	ug/l	99
71) Bromoform	10.84	173	133098	55.640	ug/l	99
73) Isopropylbenzene	11.00	105	672198	50.862	ug/l	99
74) N-amyl acetate	10.88	43	290191	51.460	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	209496	50.393	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	258684	65.198	ug/l	86
77) Bromobenzene	11.24	156	180079	49.578	ug/l	99
78) n-propylbenzene	11.34	91	770328	51.544	ug/l	100
79) 2-Chlorotoluene	11.40	91	456707	50.493	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	572408	52.216	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	74595	48.687	ug/l	97
82) 4-Chlorotoluene	11.49	91	546515	50.544	ug/l	100
83) tert-Butylbenzene	11.76	119	553291	51.415	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	582061	52.337	ug/l	100
85) sec-Butylbenzene	11.93	105	645419	51.023	ug/l	99
86) p-Isopropyltoluene	12.05	119	610038	51.804	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	321204	48.690	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	328014	52.735	ug/l	99
89) n-Butylbenzene	12.37	91	513316	48.819	ug/l	100
90) Hexachloroethane	12.58	117	116078	49.986	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	306236	49.662	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47475	47.871	ug/l	98

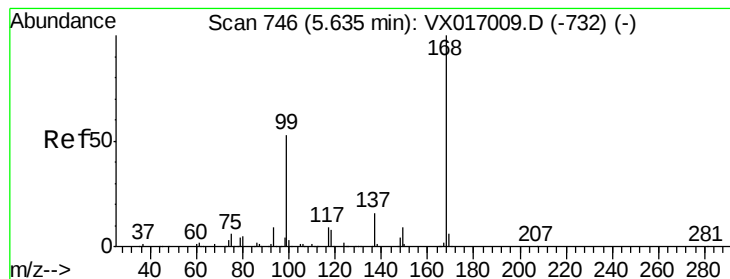
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jul 01 08:14:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	205806	48.898	ug/l	100
94) Hexachlorobutadiene	13.76	225	78324	49.050	ug/l	95
95) Naphthalene	13.82	128	669855	52.350	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	202873	49.807	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

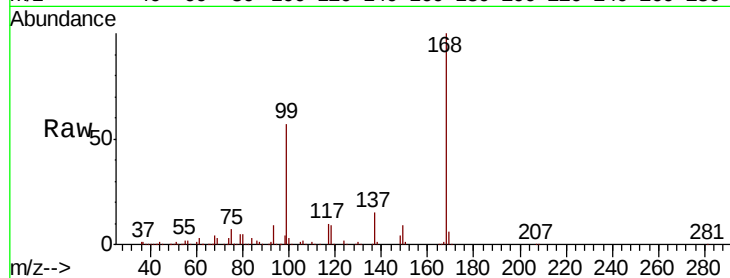
VSTDCCC050

Tot Ion:168 Resp: 253240

Ion Ratio Lower Upper

168 100

99 56.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

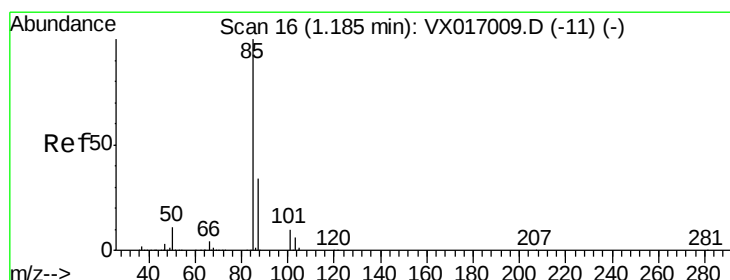
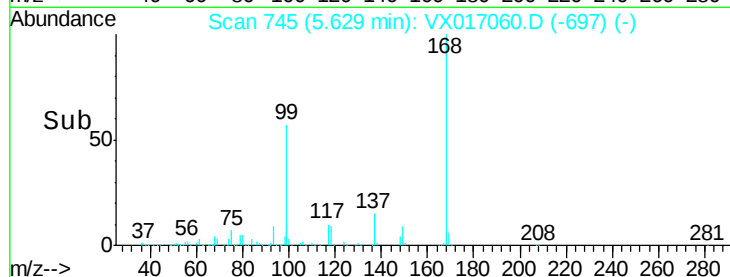
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.183 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017060.D

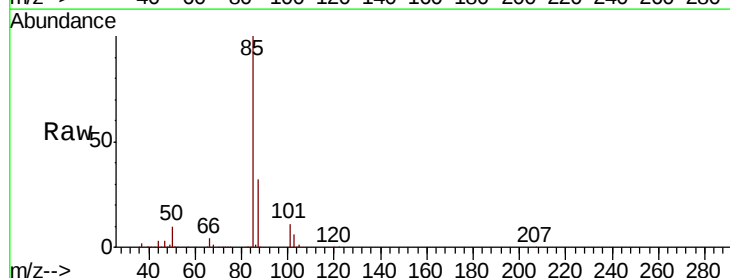
Acq: 30 Jun 2020 21:20

Tgt Ion: 85 Resp: 125396

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

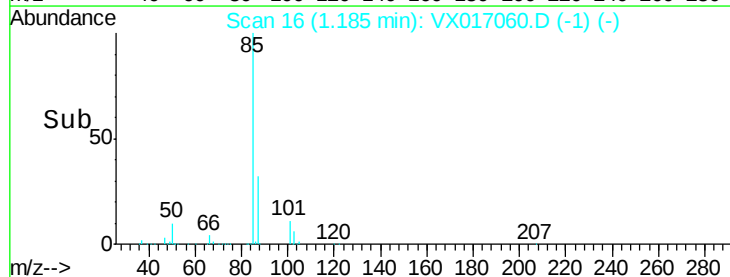
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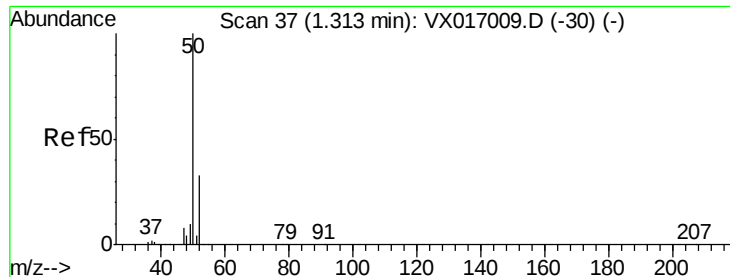
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.641 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

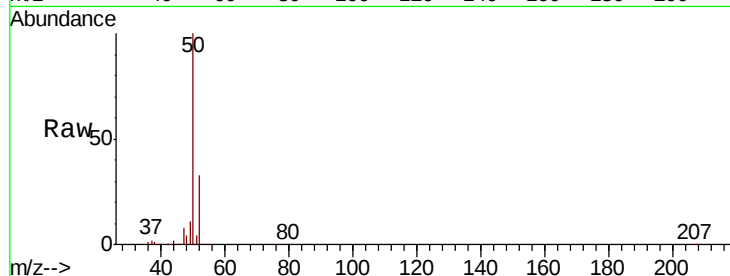
VSTDCCC050

Tot Ion: 50 Resp: 135349

Ion Ratio Lower Upper

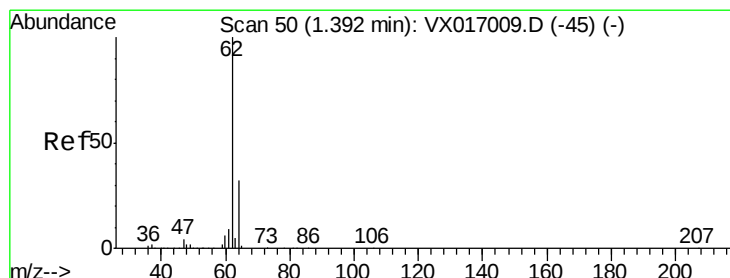
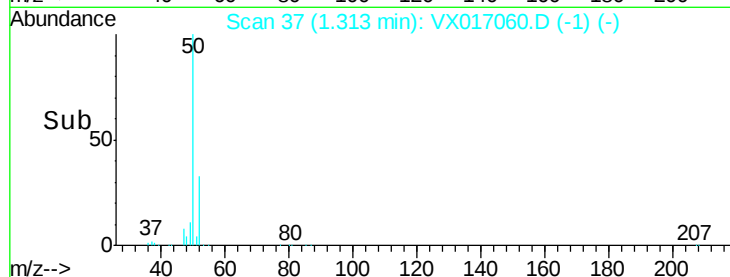
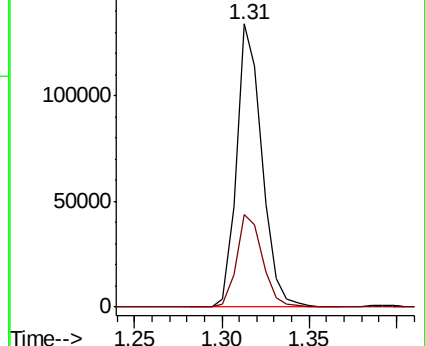
50 100

52 32.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.683 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017060.D

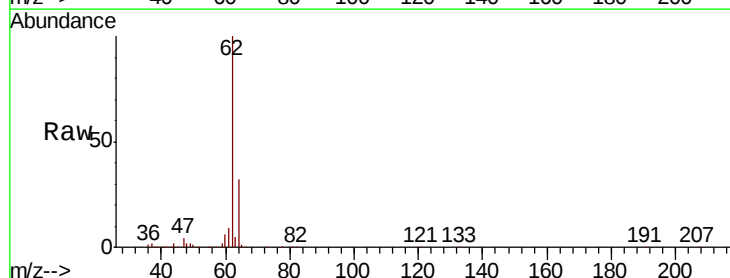
Acq: 30 Jun 2020 21:20

Tgt Ion: 62 Resp: 133948

Ion Ratio Lower Upper

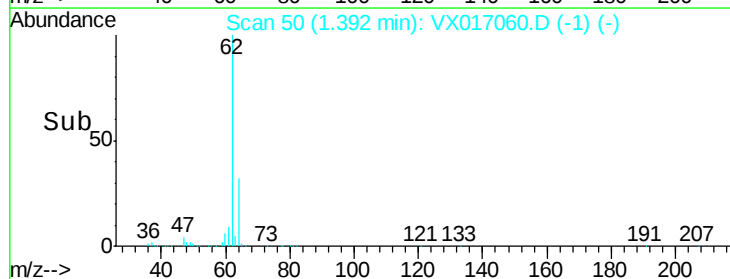
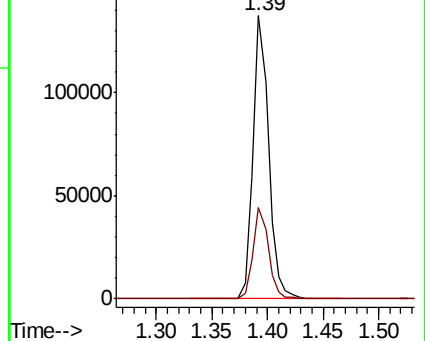
62 100

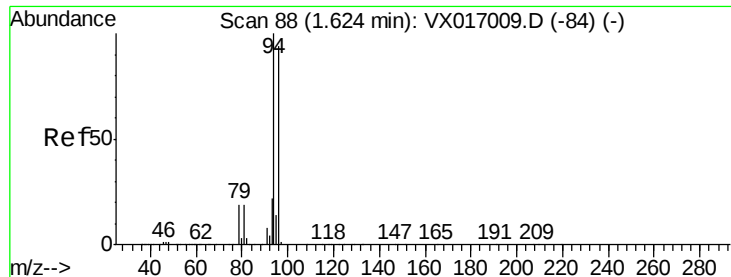
64 32.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.234 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

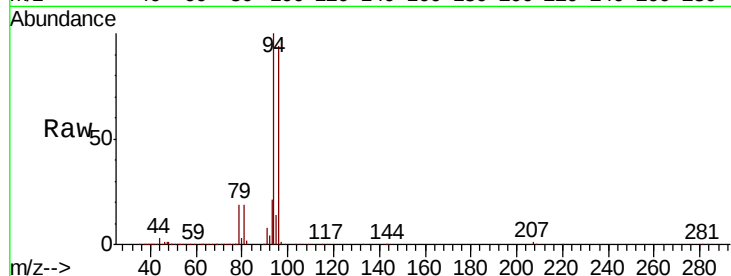
VSTDCCC050

Tot Ion: 94 Resp: 74477

Ion Ratio Lower Upper

94 100

96 93.5 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

60000

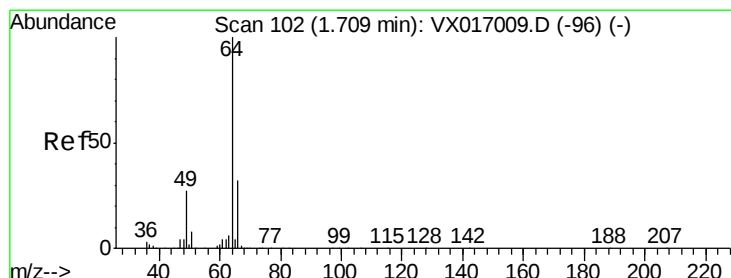
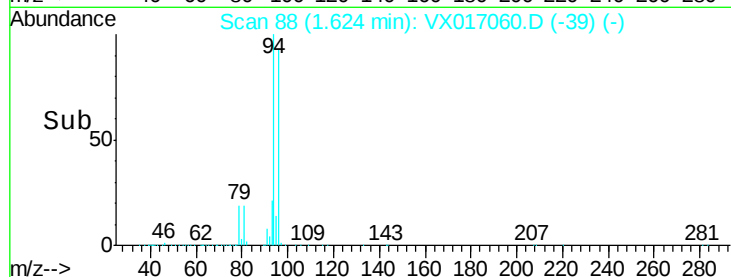
40000

20000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 49.775 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017060.D

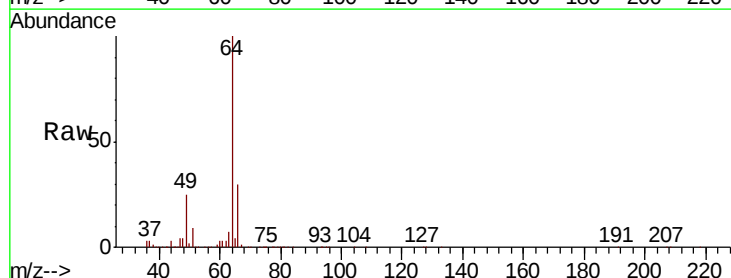
Acq: 30 Jun 2020 21:20

Tgt Ion: 64 Resp: 80886

Ion Ratio Lower Upper

64 100

66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

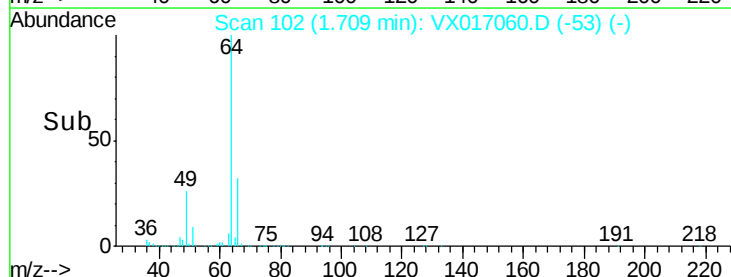
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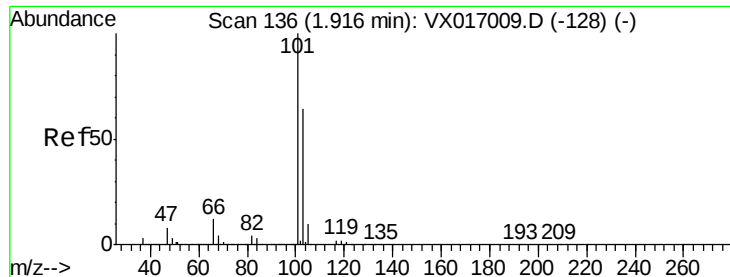
20000

0

Time-->

1.65 1.70 1.75 1.80



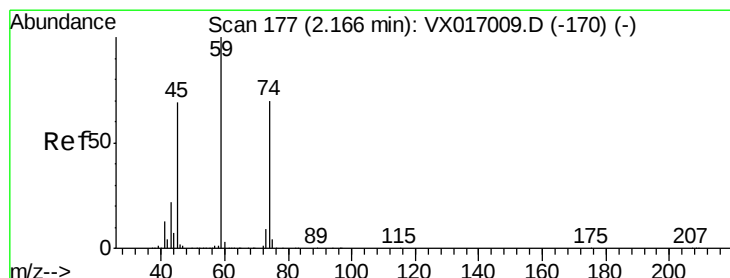
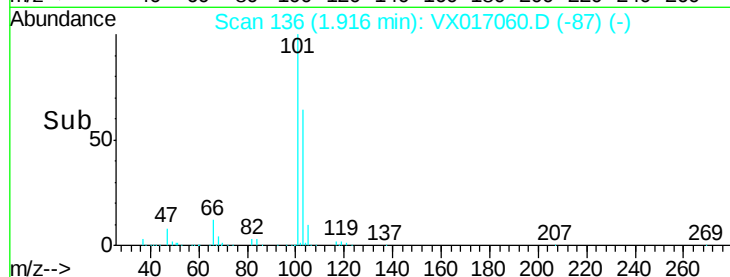
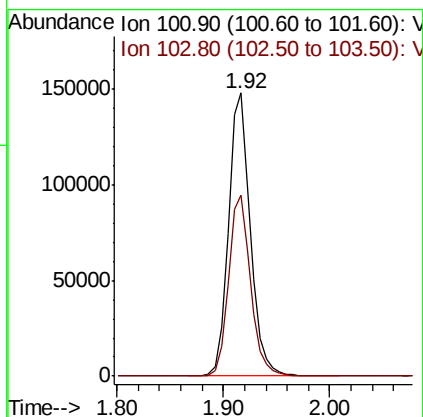
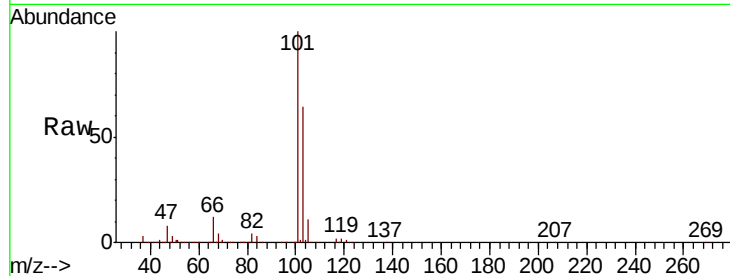


#7

Trichlorofluoromethane
 Concen: 52.193 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

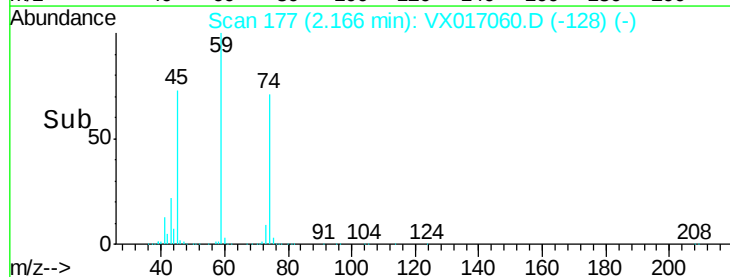
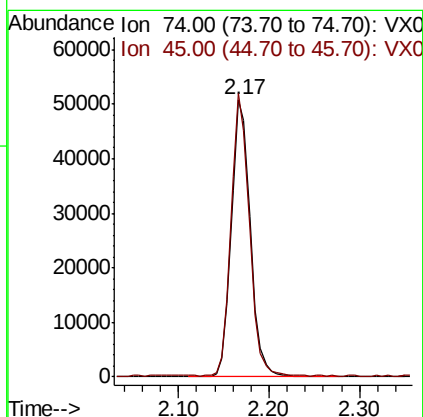
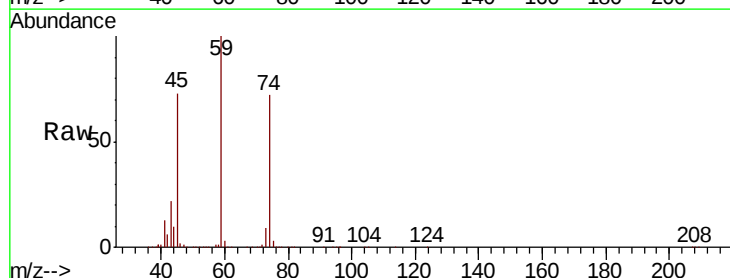
Tot Ion:101 Resp: 212390
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.5 77.3

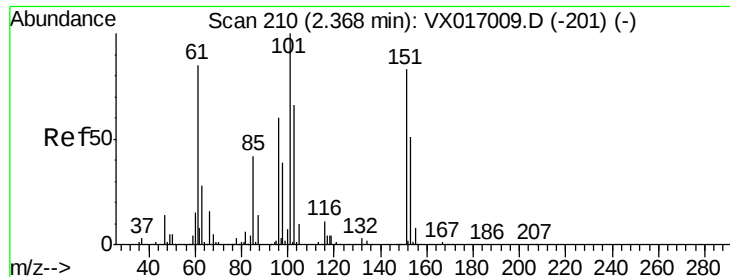


#8

Diethyl Ether
 Concen: 53.853 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion: 74 Resp: 73774
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.174 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

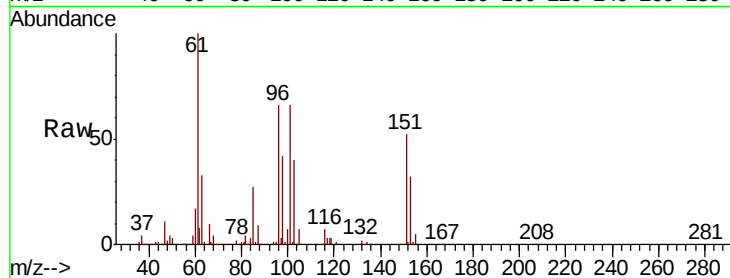
Tot Ion:101 Resp: 122371

Ion Ratio Lower Upper

101 100

85 43.4 33.5 50.3

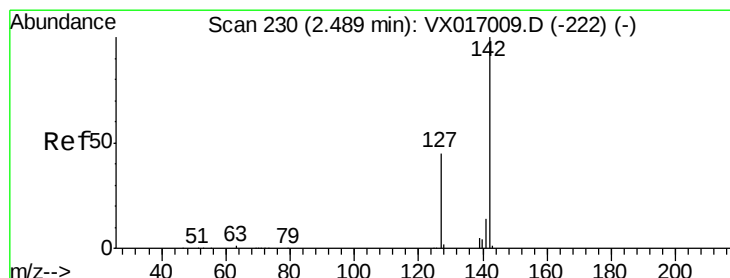
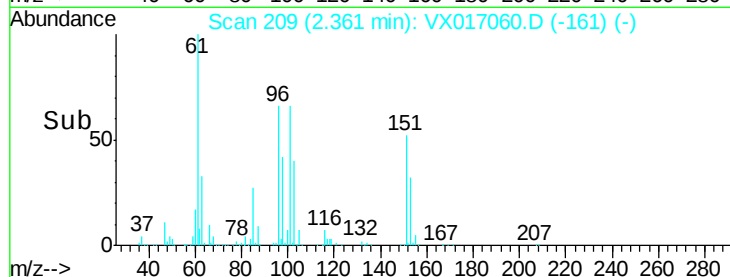
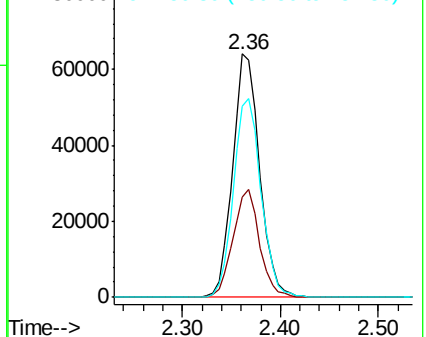
151 83.7 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.105 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

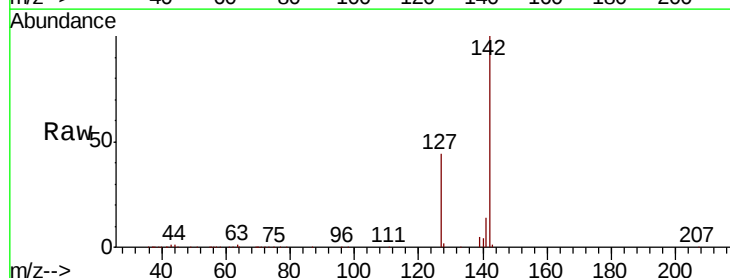
Tgt Ion:142 Resp: 148241

Ion Ratio Lower Upper

142 100

127 44.5 36.6 54.8

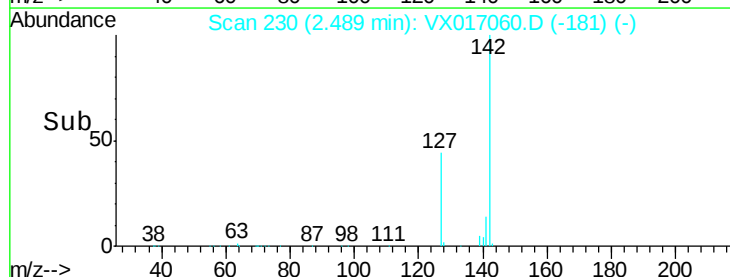
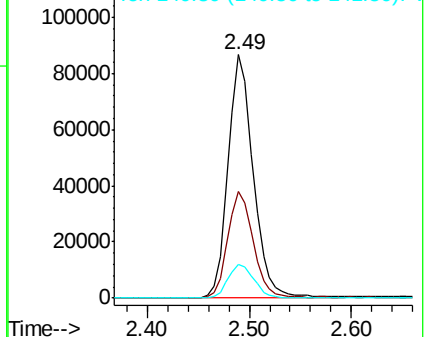
141 14.4 11.6 17.4

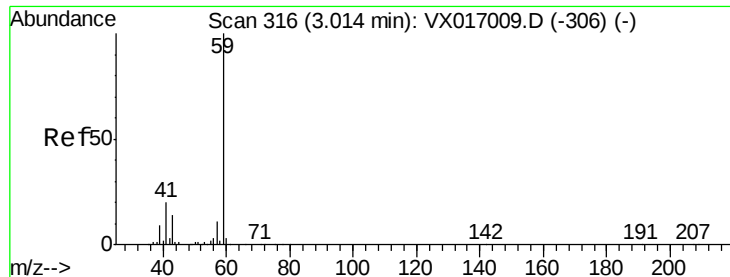


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

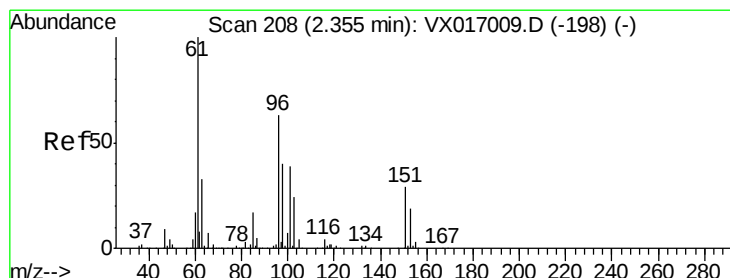
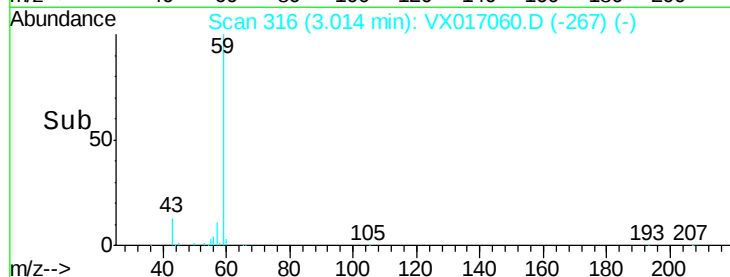
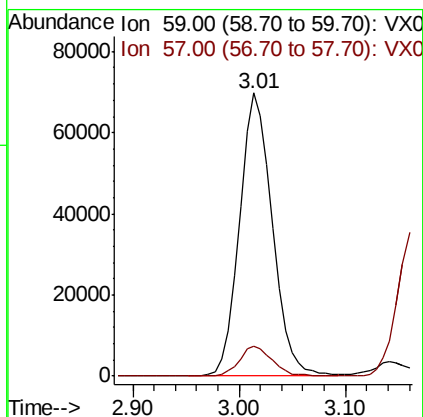
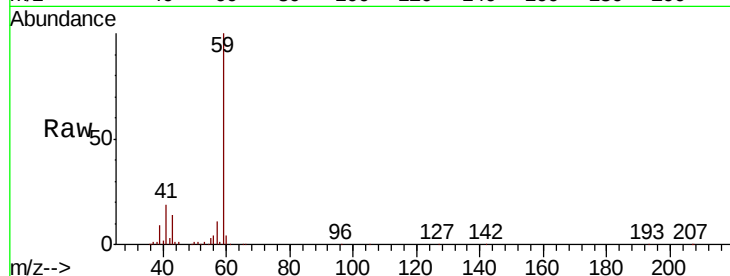




#11
Tert butyl alcohol
Concen: 254.341 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

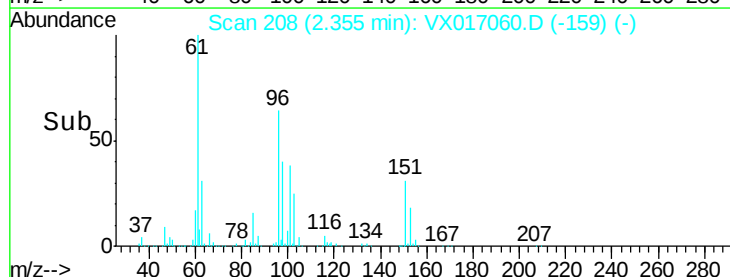
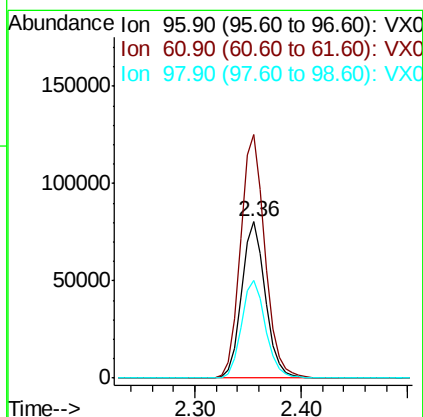
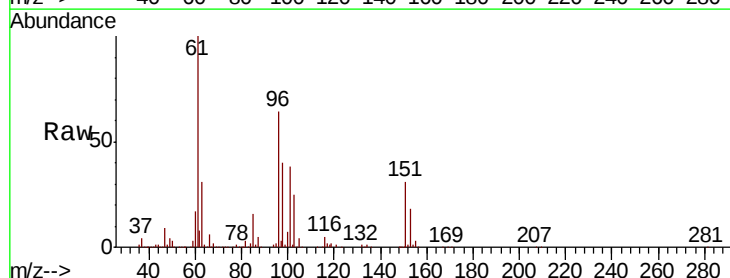
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

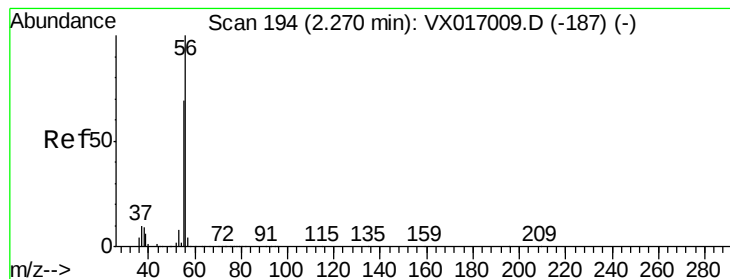
Tot Ion: 59 Resp: 151479
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.188 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion: 96 Resp: 125745
Ion Ratio Lower Upper
96 100
61 155.7 126.3 189.5
98 62.3 51.0 76.6





#13

Acrolein

Concen: 234.527 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

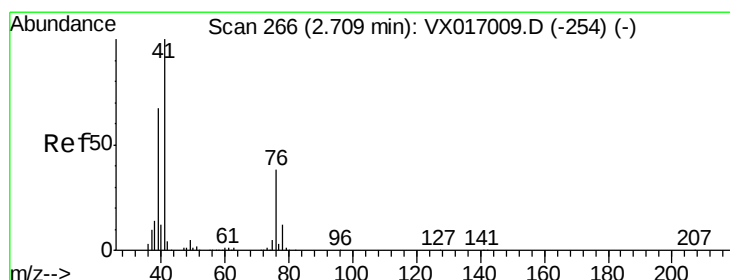
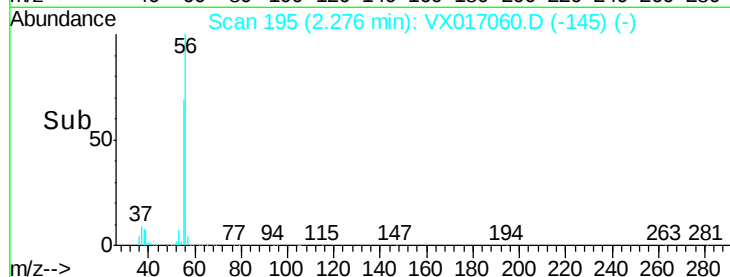
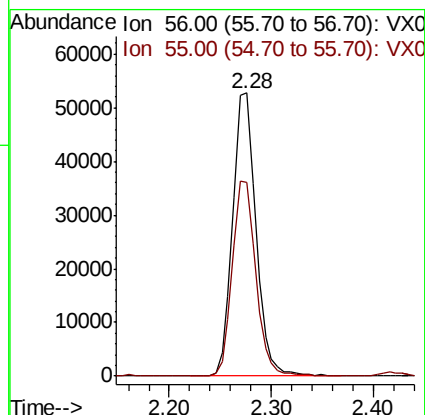
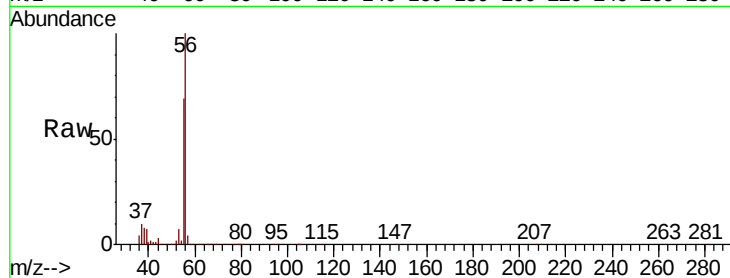
VSTDCCC050

Tot Ion: 56 Resp: 83497

Ion Ratio Lower Upper

56 100

55 69.1 55.7 83.5



#14

Allyl chloride

Concen: 48.436 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

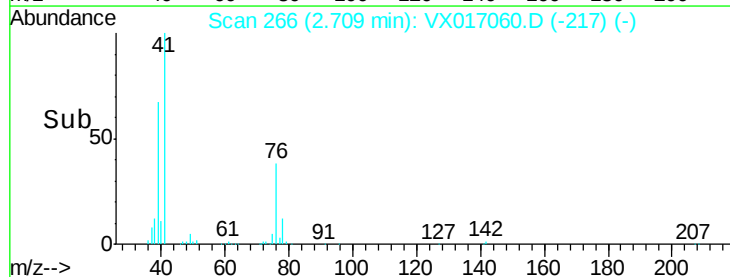
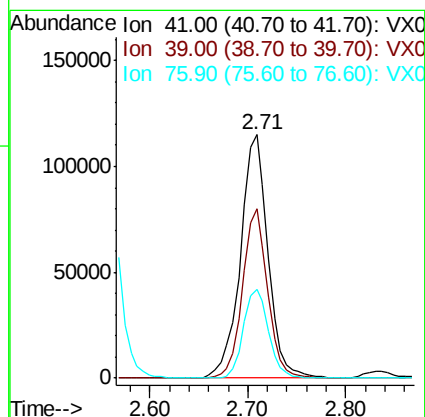
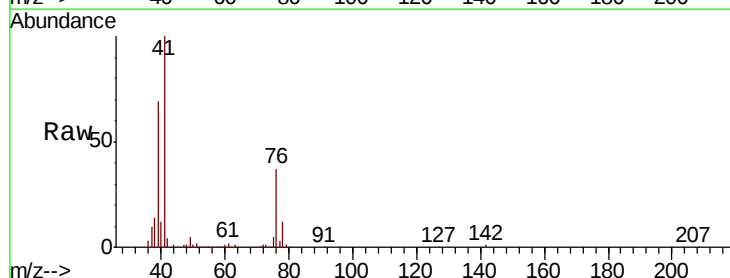
Tgt Ion: 41 Resp: 224272

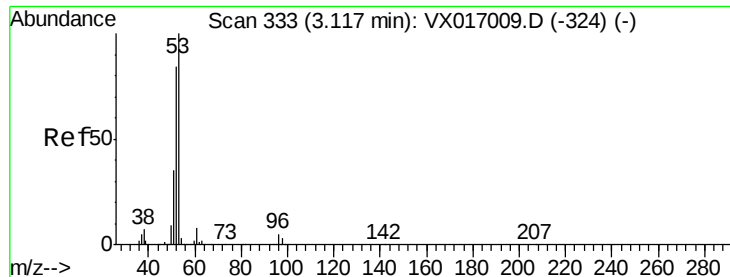
Ion Ratio Lower Upper

41 100

39 63.2 49.4 74.2

76 33.4 26.8 40.2





#15

Acrylonitrile

Concen: 259.767 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

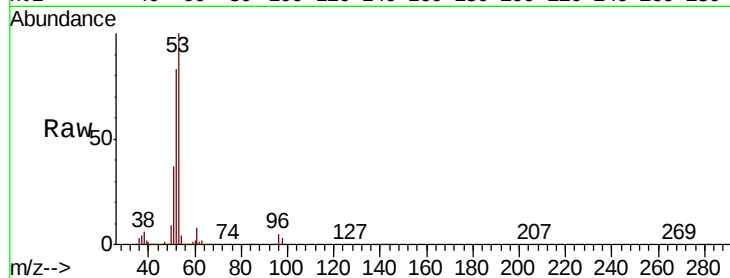
Tot Ion: 53 Resp: 371917

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

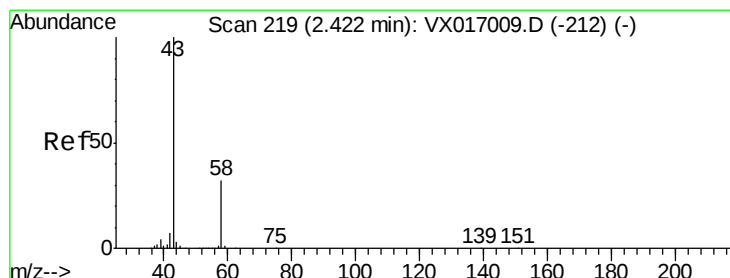
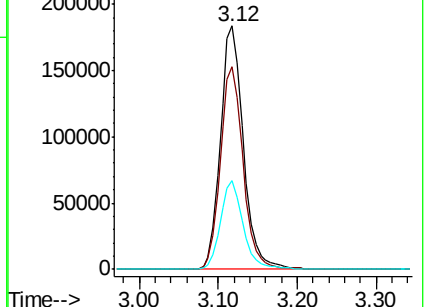
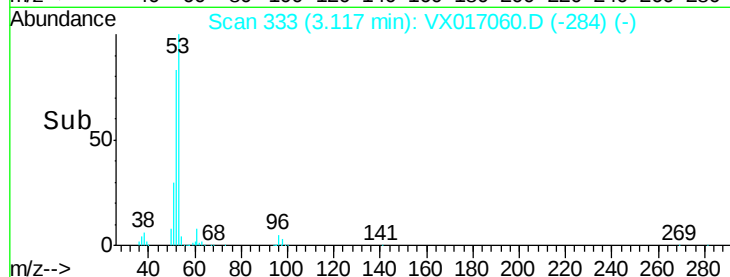
51 36.3 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX017060.D (-284) (-)

Ion 52.00 (51.70 to 52.70): VX017060.D (-284) (-)

Ion 51.00 (50.70 to 51.70): VX017060.D (-284) (-)



#16

Acetone

Concen: 260.729 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017060.D

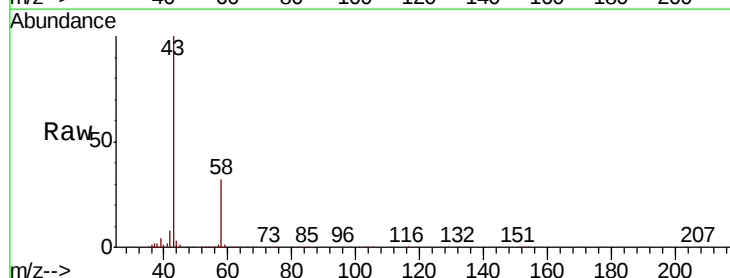
Acq: 30 Jun 2020 21:20

Tgt Ion: 43 Resp: 304502

Ion Ratio Lower Upper

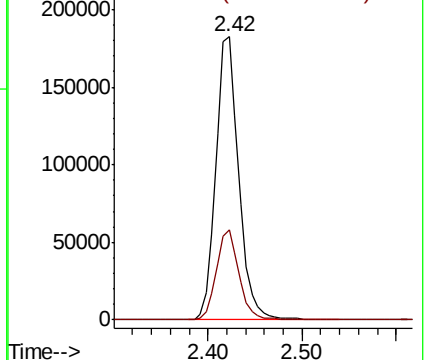
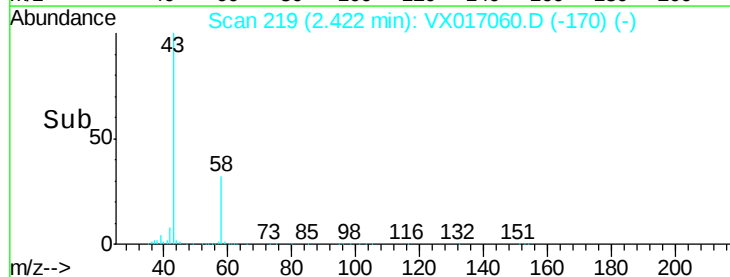
43 100

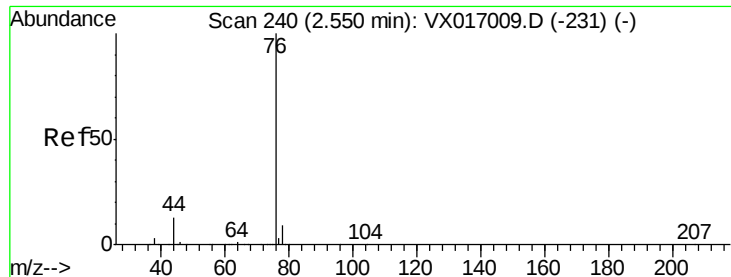
58 31.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX017060.D (-170) (-)

Ion 58.00 (57.70 to 58.70): VX017060.D (-170) (-)

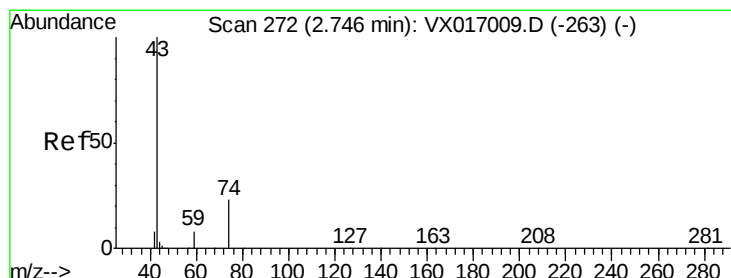
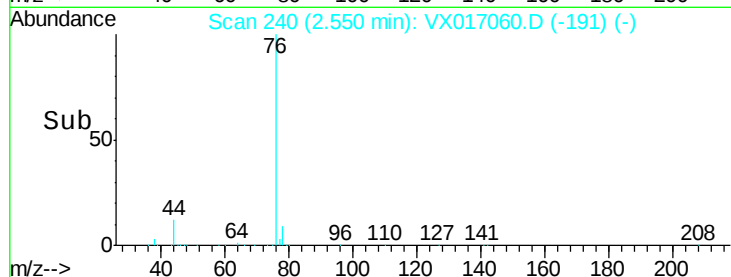
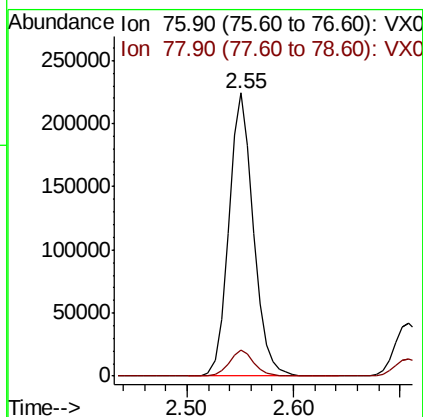
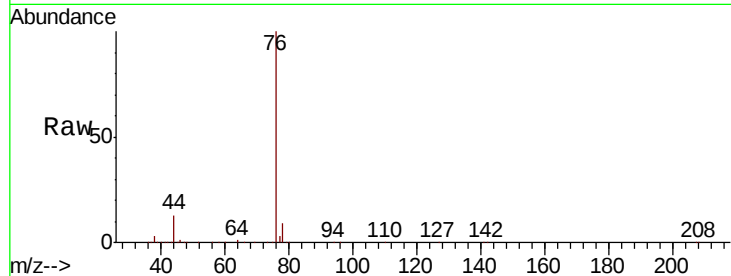




#17
Carbon Disulfide
Concen: 51.891 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

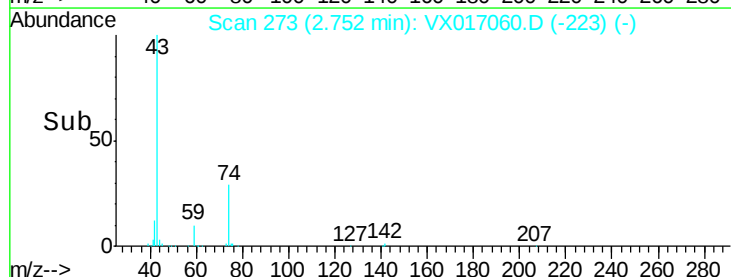
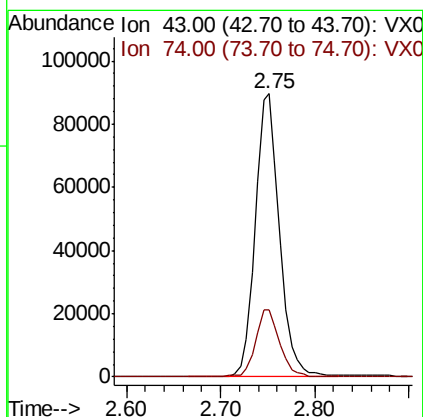
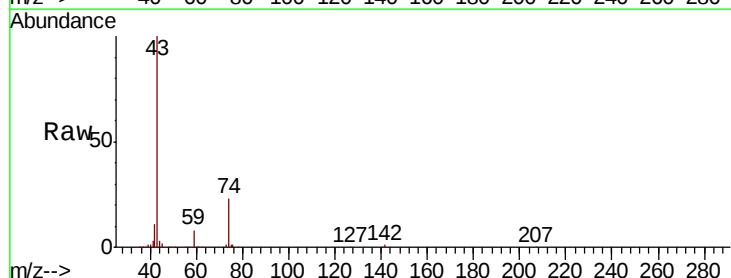
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

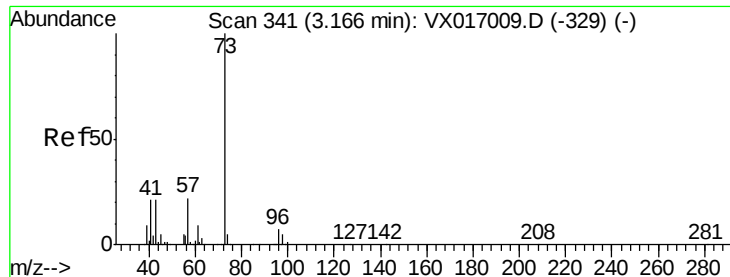
Tot Ion: 76 Resp: 362802
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 52.816 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion: 43 Resp: 161023
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



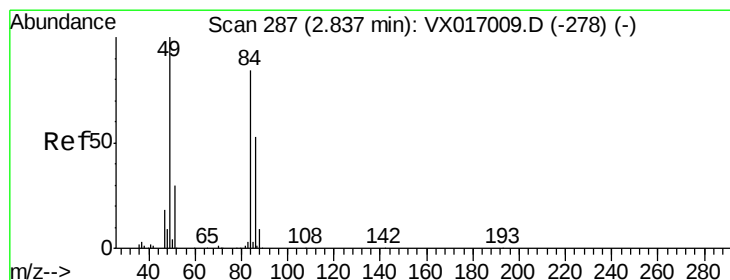
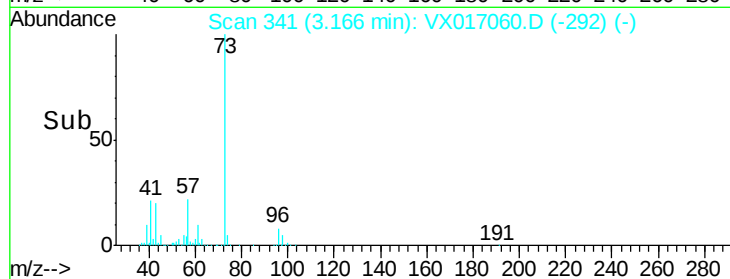
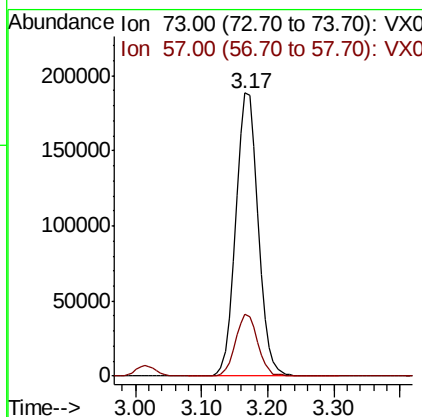
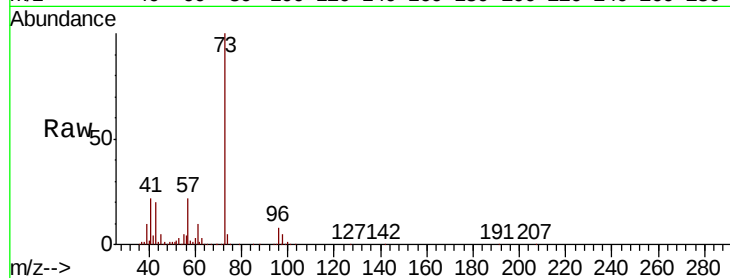


#19

Methyl tert-butyl Ether
 Concen: 52.517 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

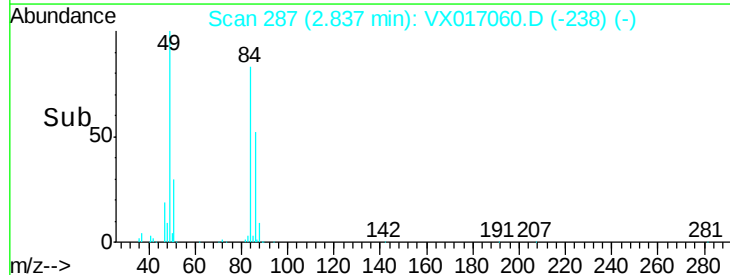
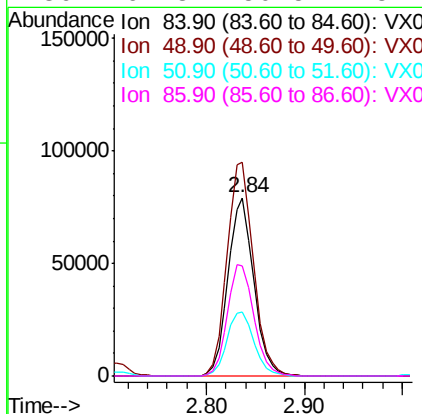
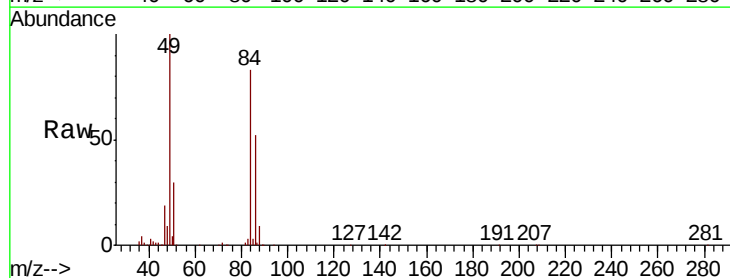
Tot Ion: 73 Resp: 441601
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.6 26.4

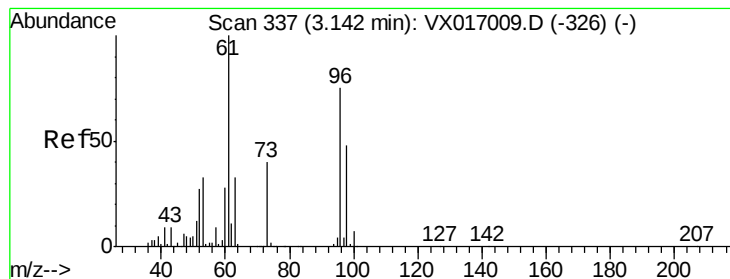


#20

Methylene Chloride
 Concen: 54.067 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion: 84 Resp: 144647
 Ion Ratio Lower Upper
 84 100
 49 119.9 94.7 142.1
 51 35.9 28.6 42.8
 86 61.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 51.360 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

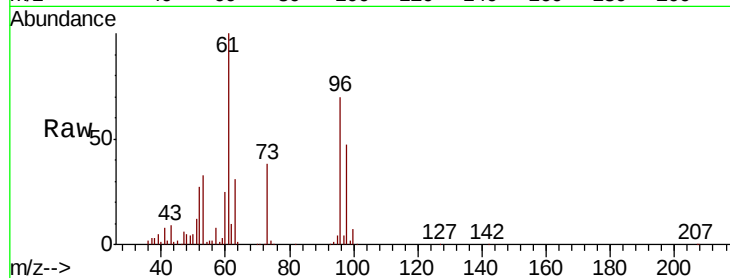
Tot Ion: 96 Resp: 142802

Ion Ratio Lower Upper

96 100

61 142.5 107.0 160.6

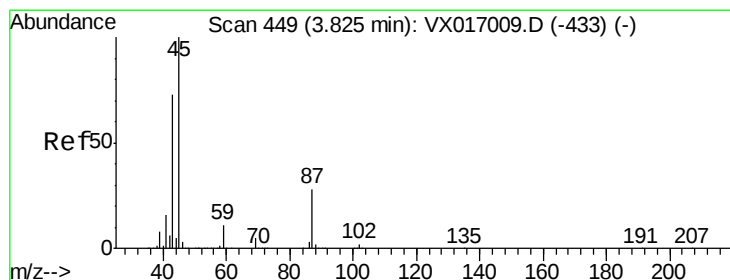
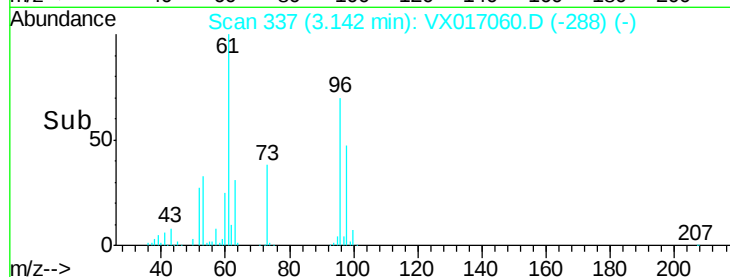
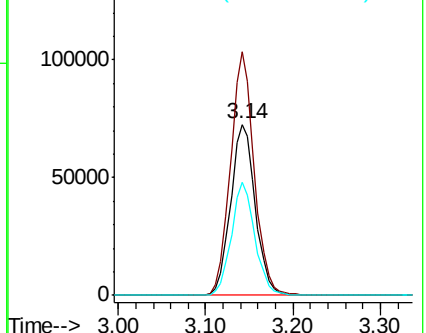
98 66.4 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.338 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Tgt Ion: 45 Resp: 439960

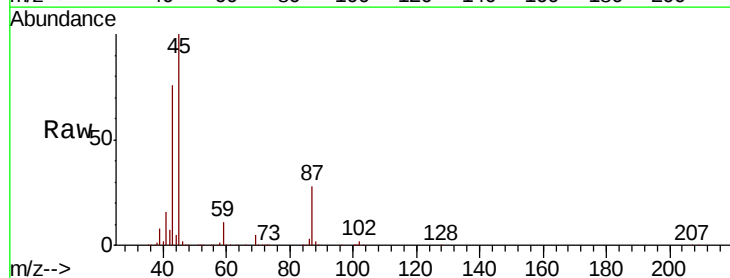
Ion Ratio Lower Upper

45 100

43 76.3 58.6 88.0

87 27.7 22.6 34.0

59 11.2 8.7 13.1

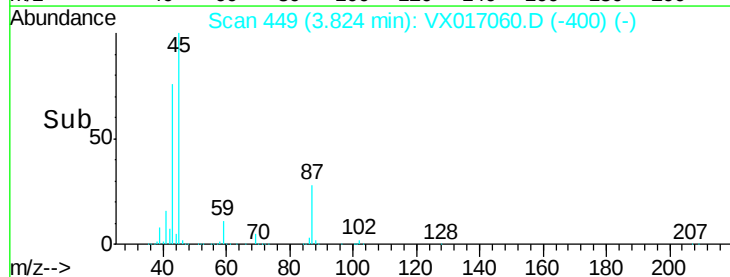
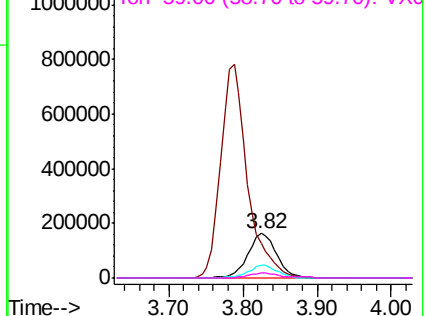


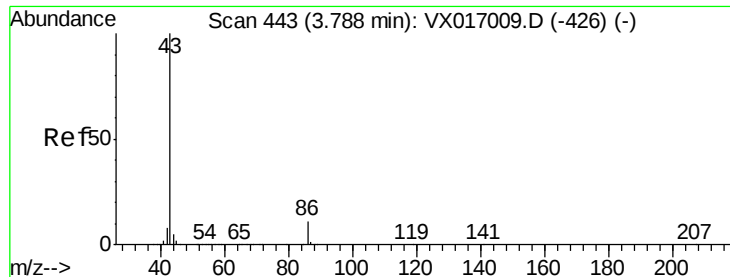
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 266.352 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

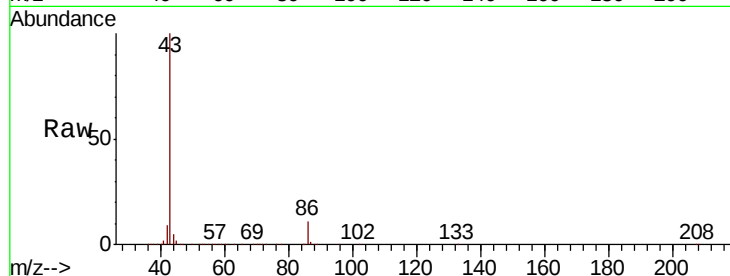
VSTDCCC050

Tot Ion: 43 Resp: 1961460

Ion Ratio Lower Upper

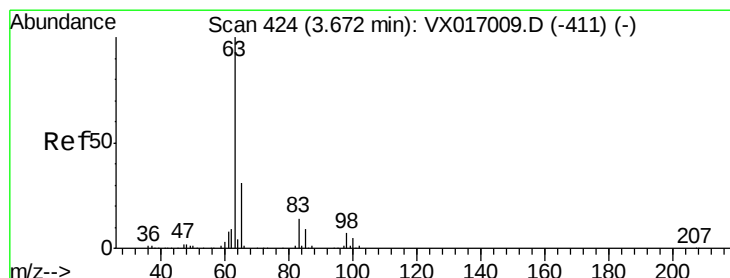
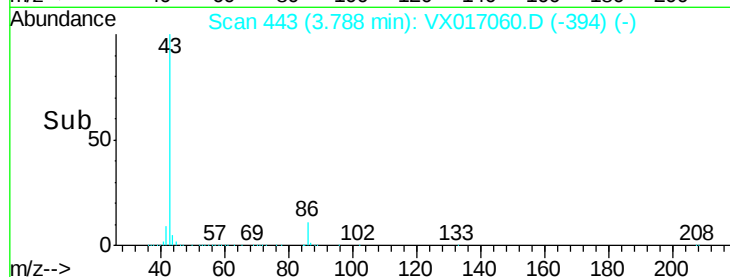
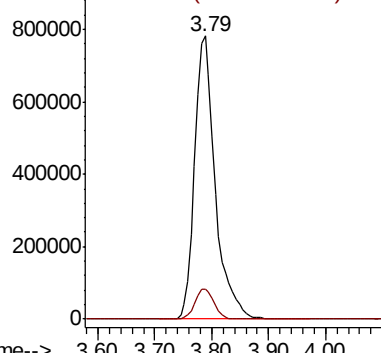
43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.932 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

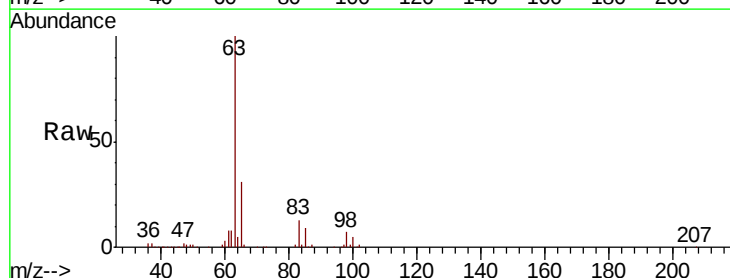
Tgt Ion: 63 Resp: 248355

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

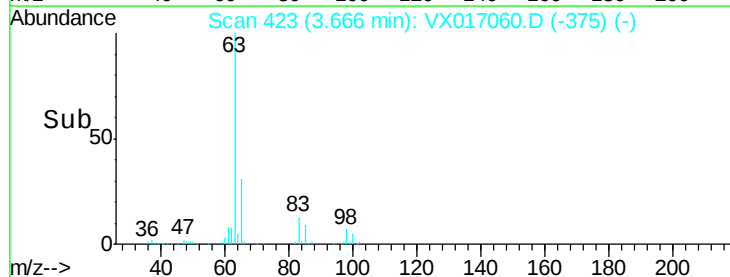
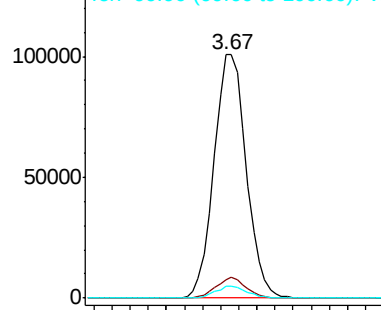
100 4.9 2.4 7.1

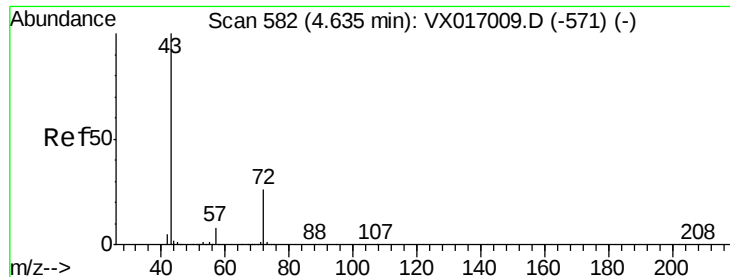


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.799 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

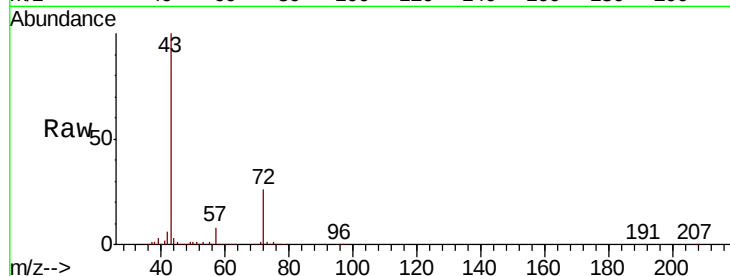
VSTDCCC050

Tot Ion: 43 Resp: 503624

Ion Ratio Lower Upper

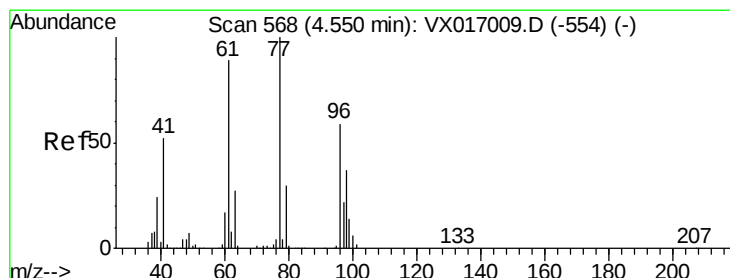
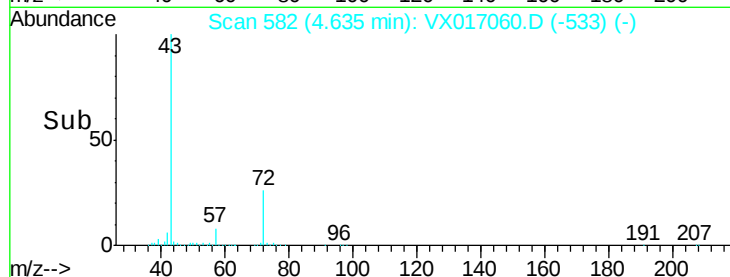
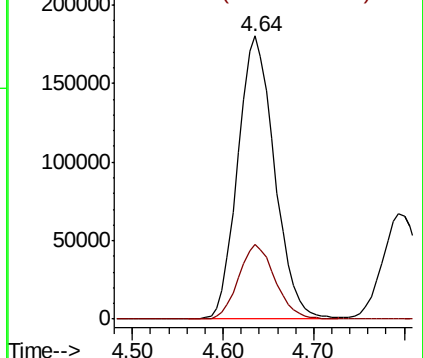
43 100

72 26.2 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.440 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017060.D

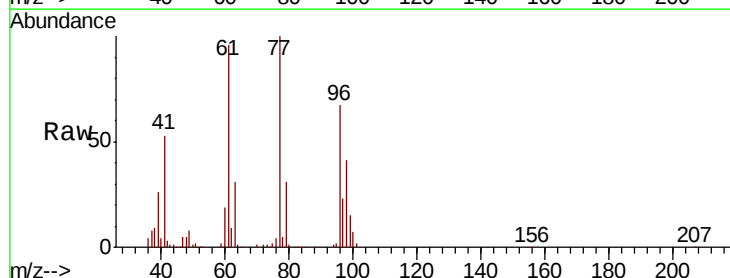
Acq: 30 Jun 2020 21:20

Tgt Ion: 77 Resp: 188080

Ion Ratio Lower Upper

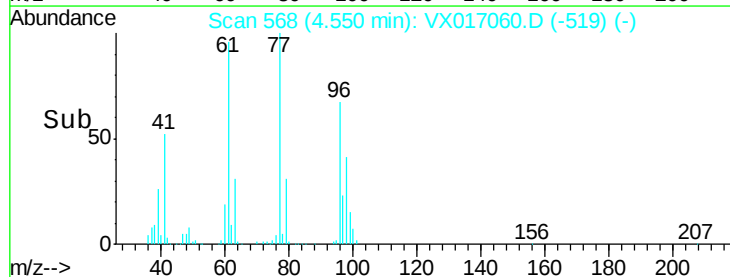
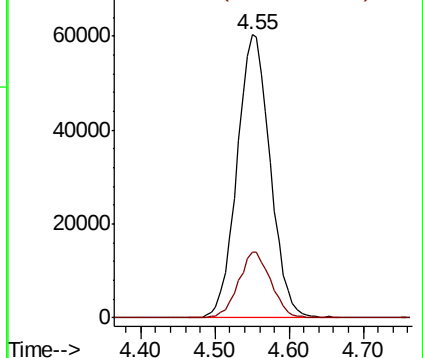
77 100

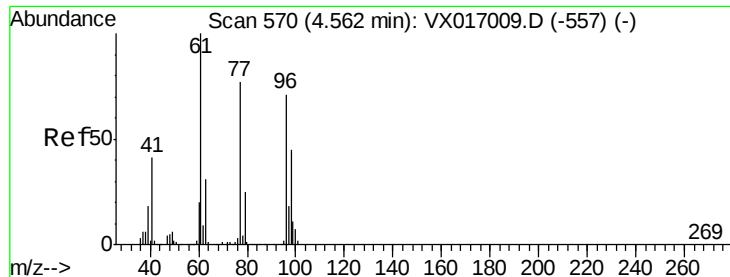
97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



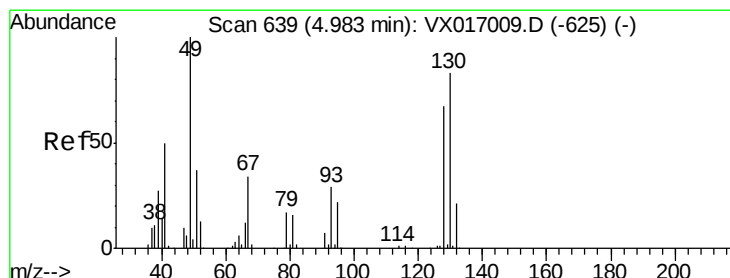
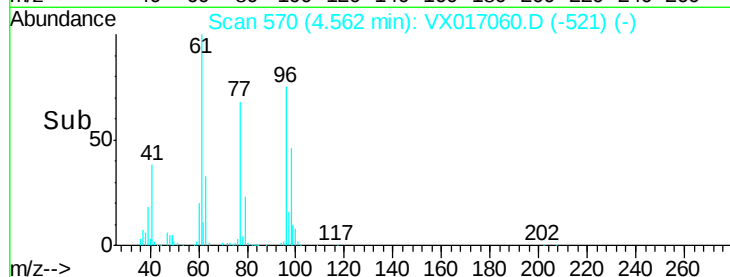
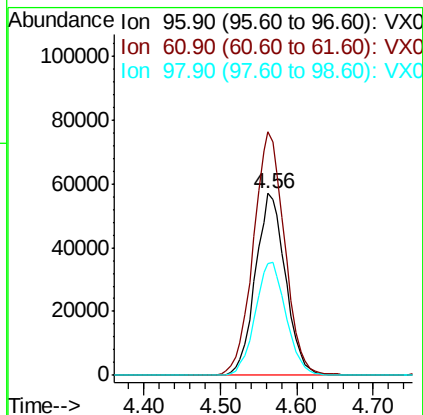
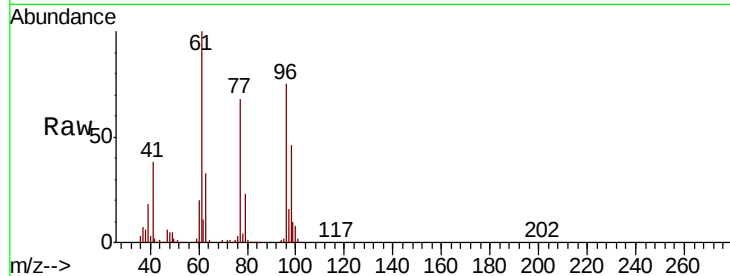


#27

cis-1,2-Dichloroethene
Concen: 49.630 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

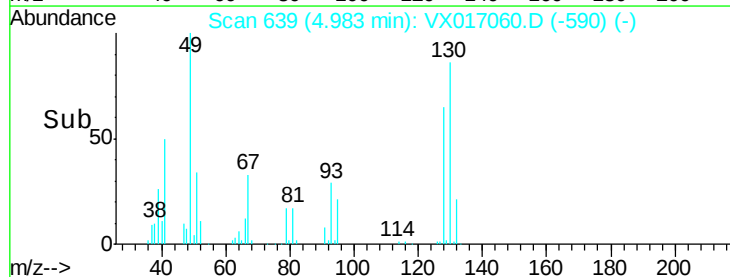
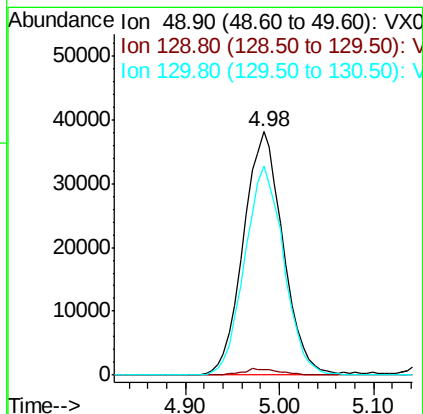
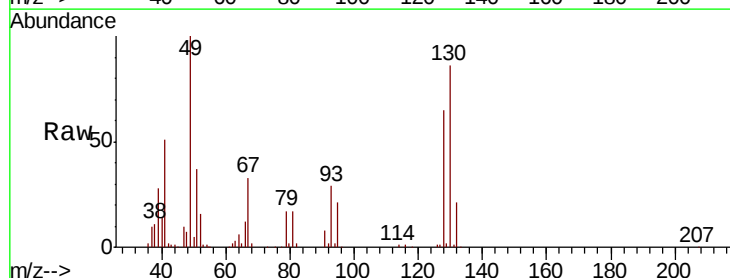
Tot Ion: 96 Resp: 156354
Ion Ratio Lower Upper
96 100
61 139.2 0.0 282.8
98 63.6 0.0 127.6

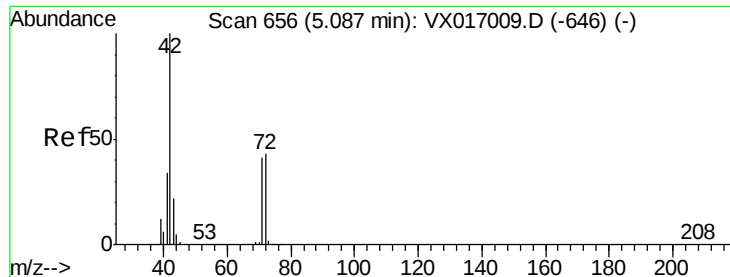


#28

Bromochloromethane
Concen: 47.353 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion: 49 Resp: 112363
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 84.9 66.6 100.0

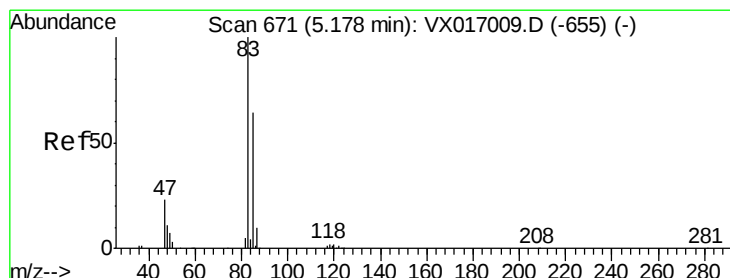
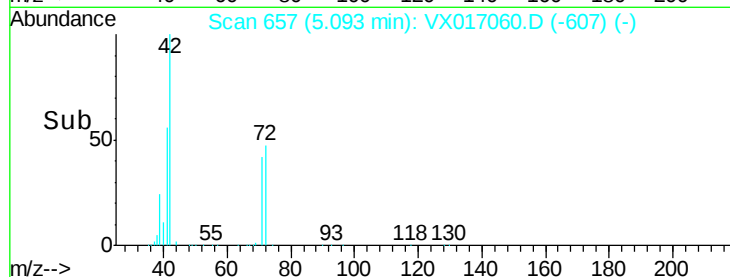
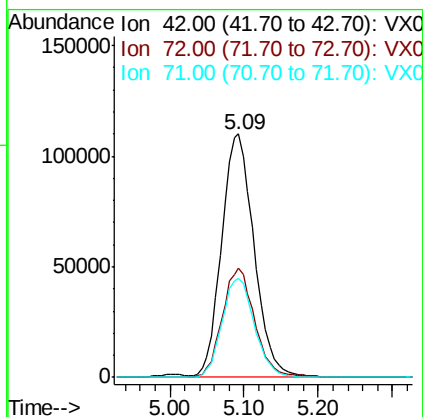
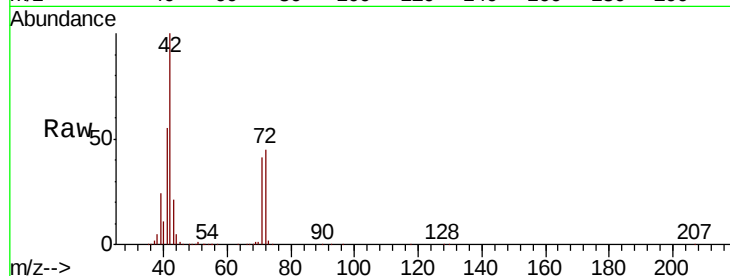




#29
Tetrahydrofuran
Concen: 259.264 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

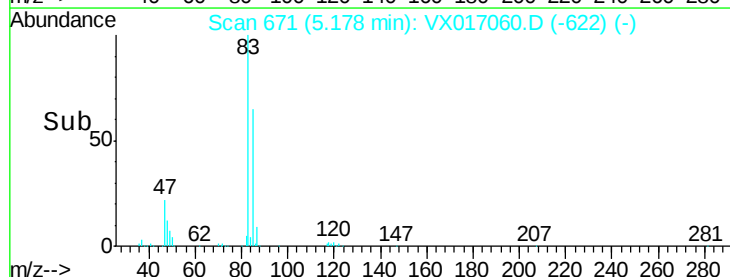
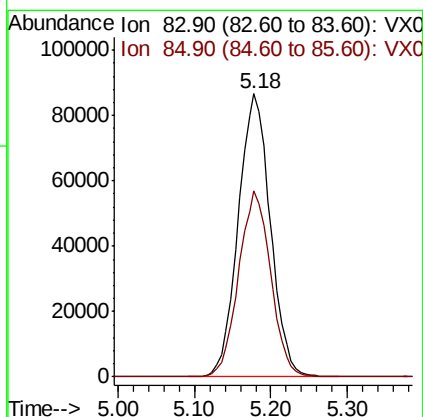
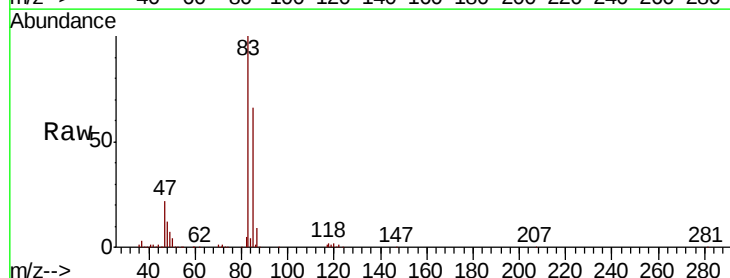
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

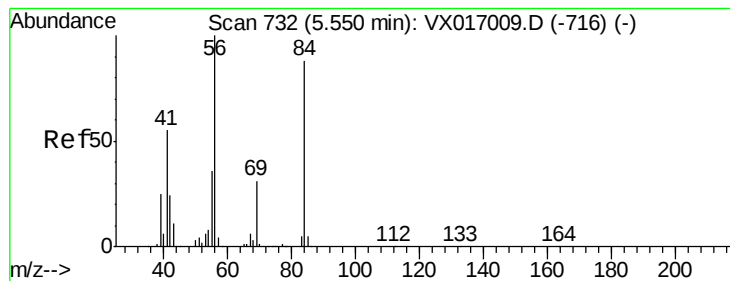
Tot Ion: 42 Resp: 333353
Ion Ratio Lower Upper
42 100
72 45.2 35.3 52.9
71 41.0 33.1 49.7



#30
Chloroform
Concen: 50.602 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion: 83 Resp: 252941
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.2





#31

Cyclohexane

Concen: 50.222 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

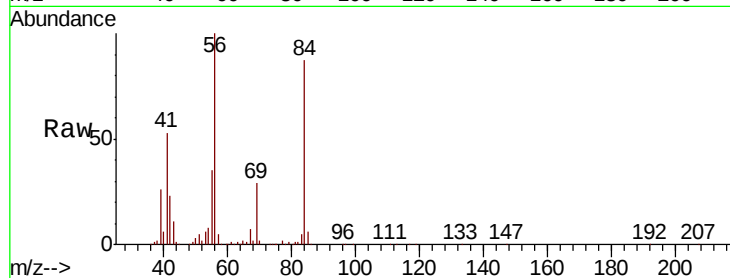
Tot Ion: 56 Resp: 211680

Ion Ratio Lower Upper

56 100

69 29.3 25.0 37.4

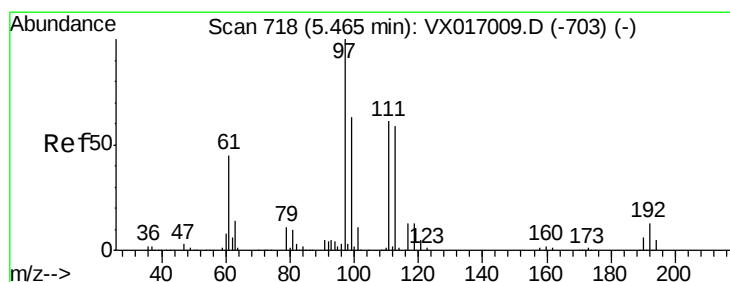
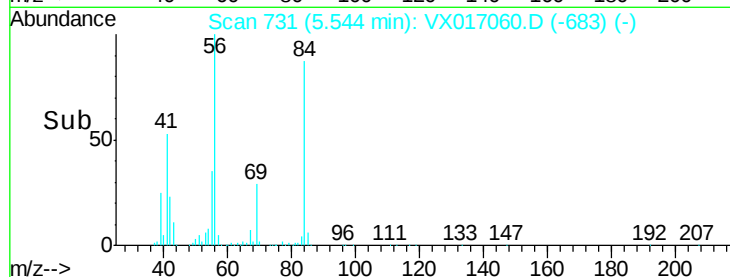
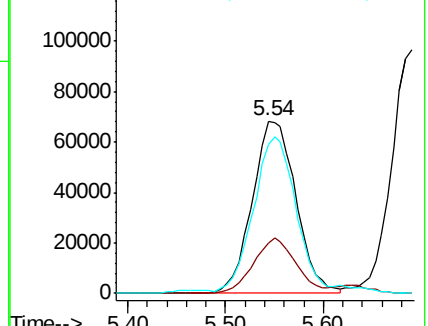
84 85.0 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.965 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

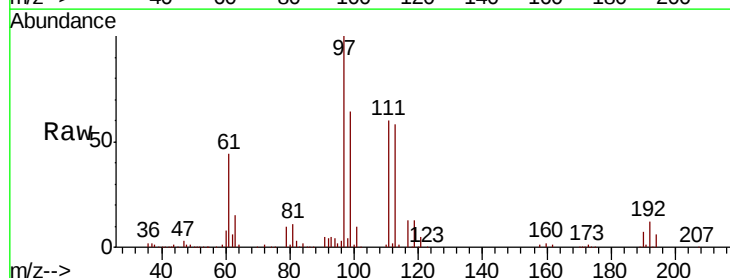
Tgt Ion: 97 Resp: 234620

Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

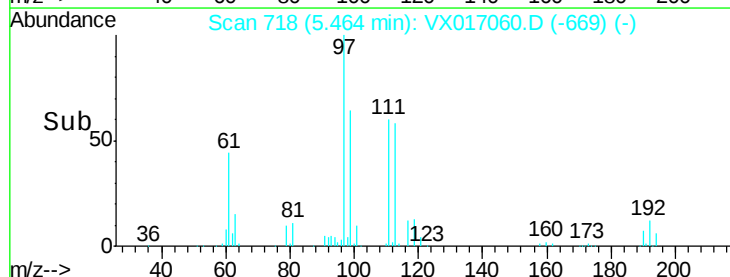
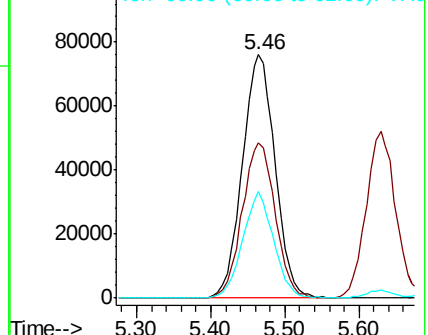
61 41.4 33.7 50.5

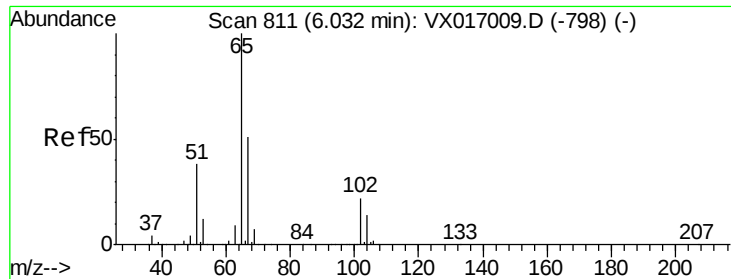


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.983 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

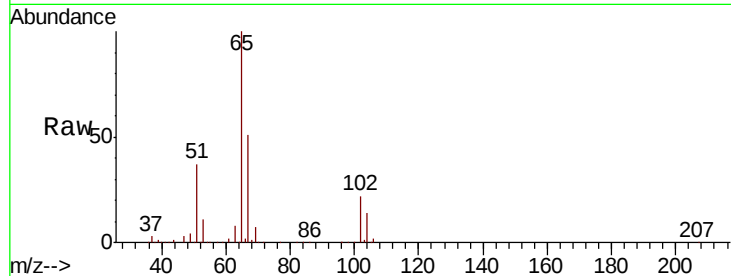
VSTDCCC050

Tot Ion: 65 Resp: 152921

Ion Ratio Lower Upper

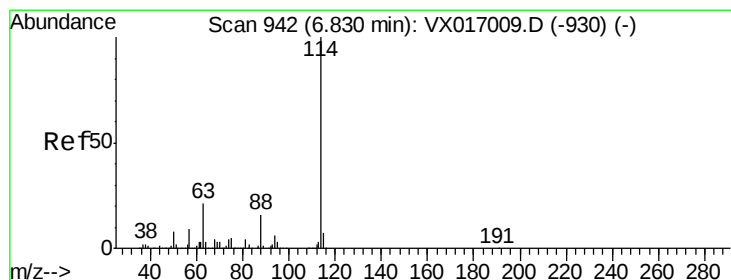
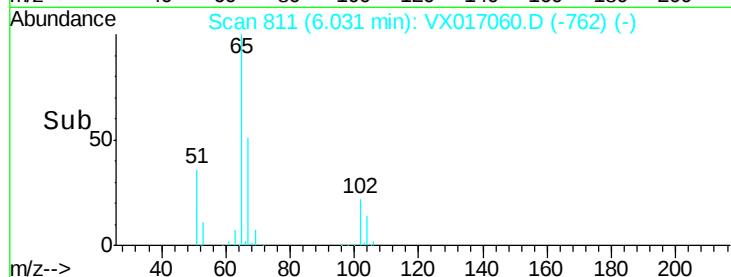
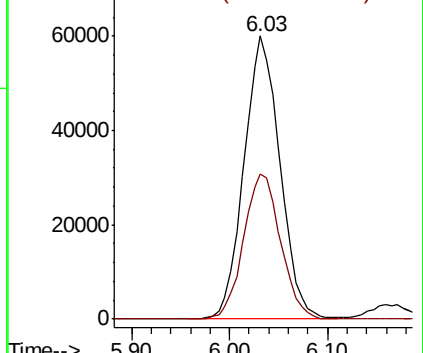
65 100

67 52.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

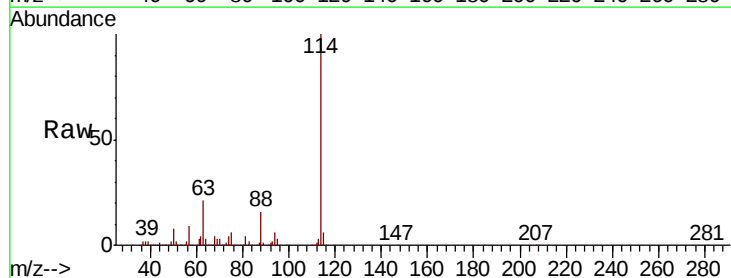
Tgt Ion: 114 Resp: 398595

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

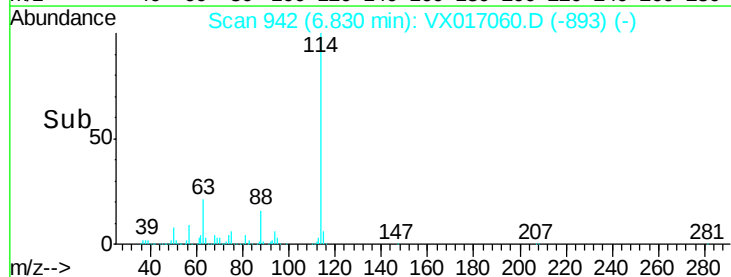
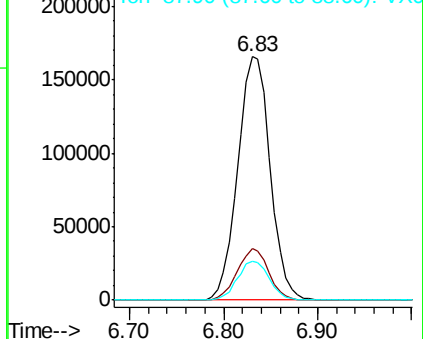
88 15.8 0.0 32.4

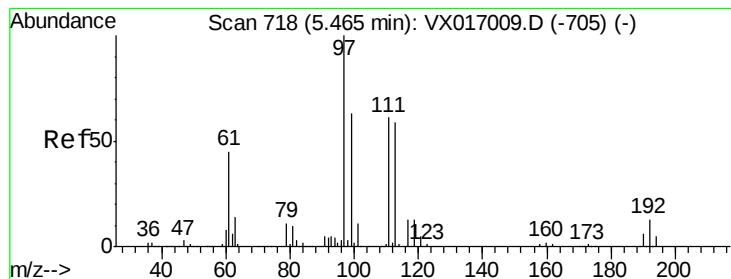


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.377 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

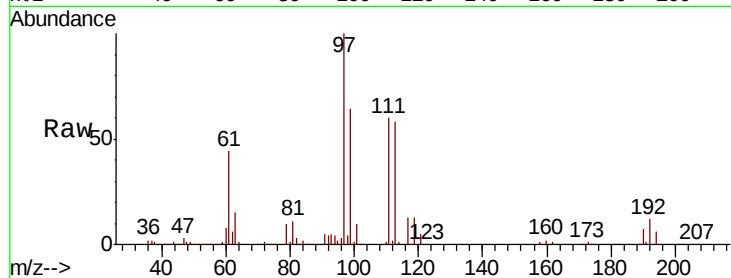
Tot Ion:113 Resp: 127021

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

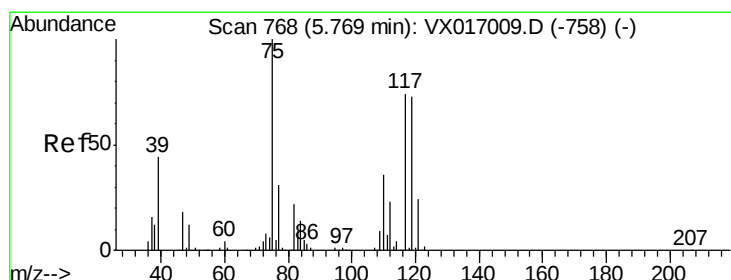
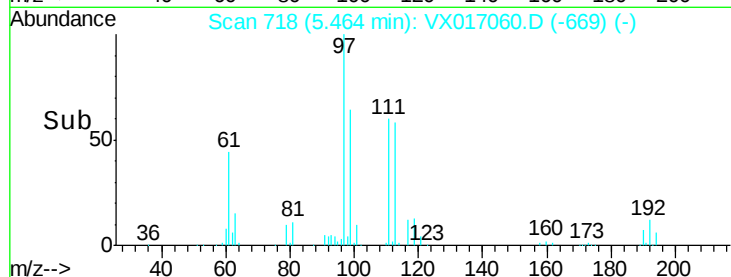
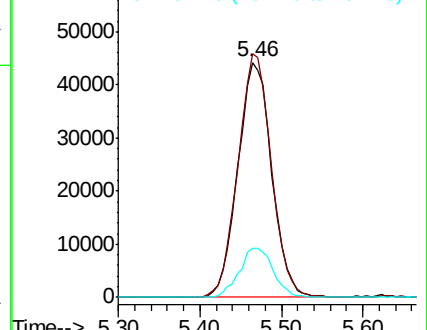
192 21.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.476 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

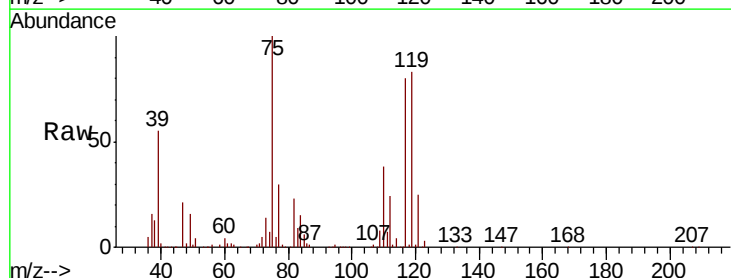
Tgt Ion: 75 Resp: 190153

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.1

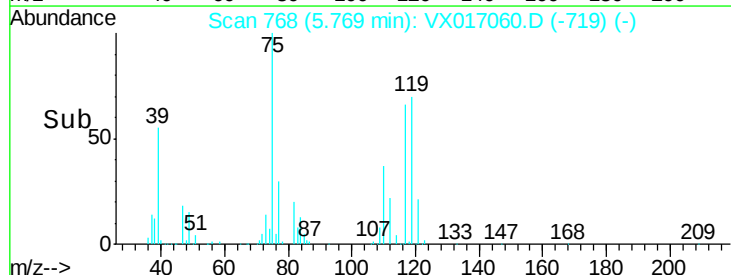
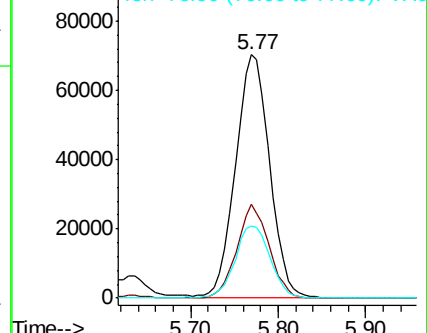
77 30.6 24.6 37.0

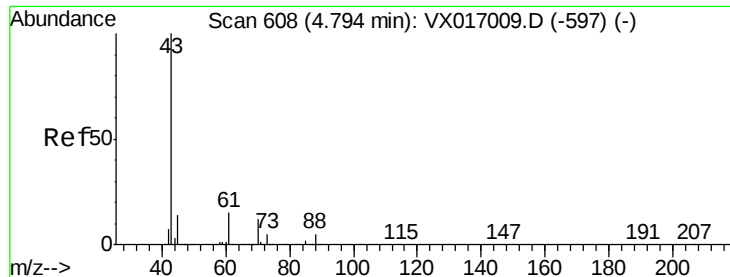


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

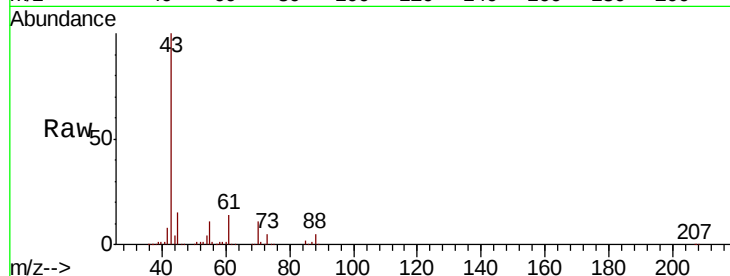




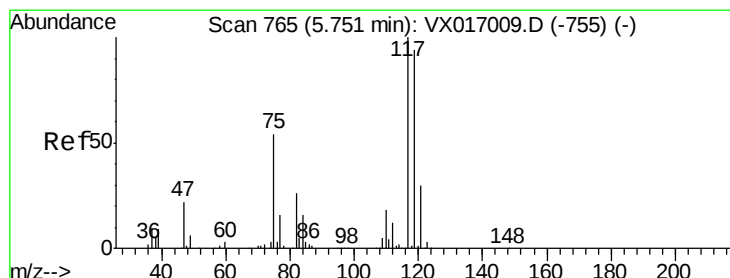
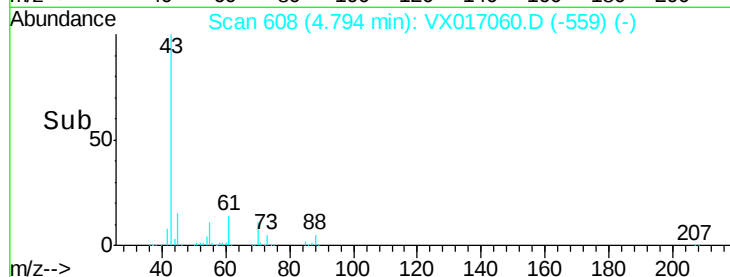
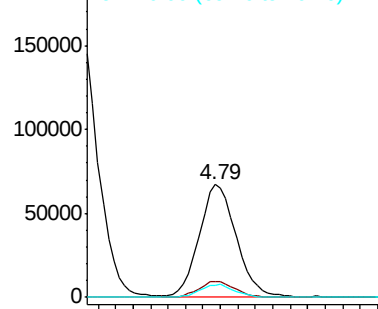
#37
Ethyl Acetate
Concen: 51.321 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 196162
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.4
70 11.2 8.9 13.3

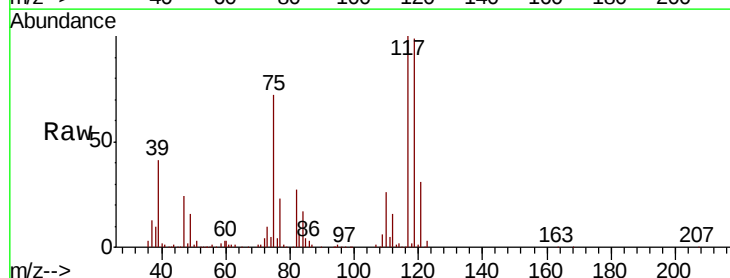


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

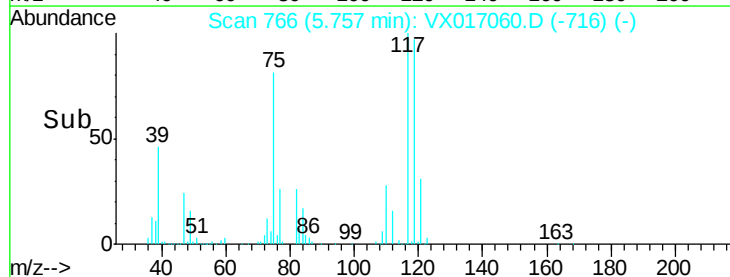
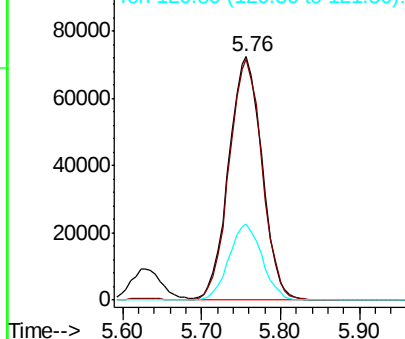


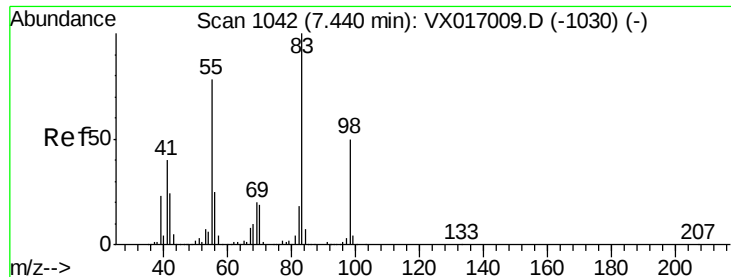
#38
Carbon Tetrachloride
Concen: 51.357 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion: 117 Resp: 213097
Ion Ratio Lower Upper
117 100
119 98.8 75.4 113.0
121 31.2 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

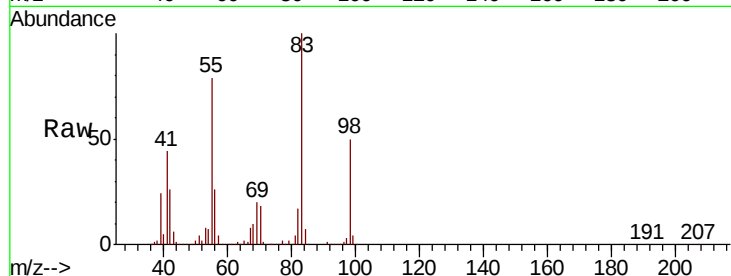




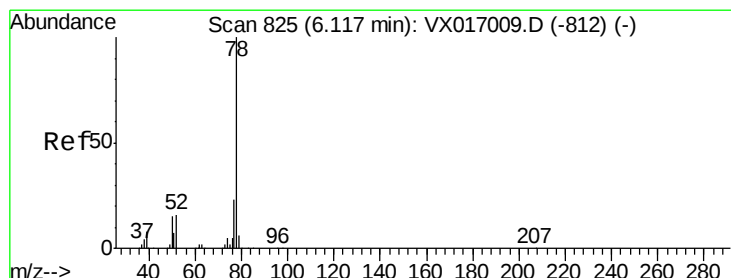
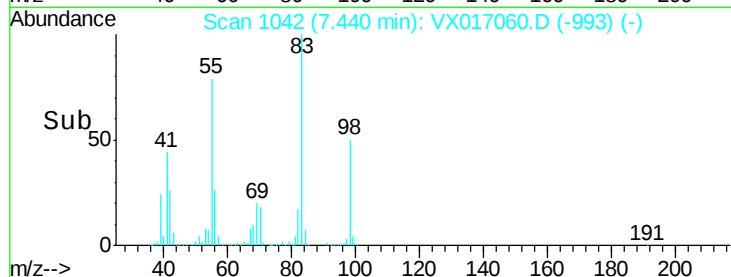
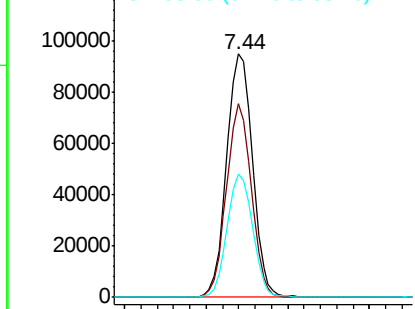
#39
Methvlcvclohexane
Concen: 49.794 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 208711
Ion Ratio Lower Upper
83 100
55 79.2 62.5 93.7
98 50.4 40.1 60.1

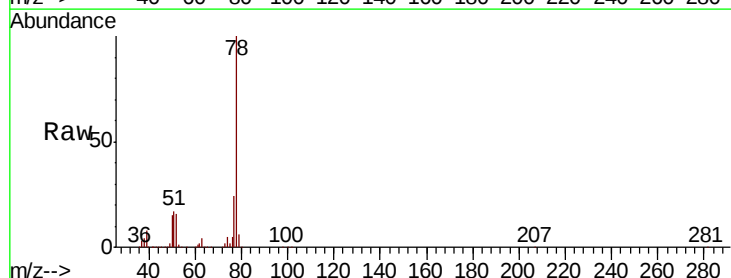


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

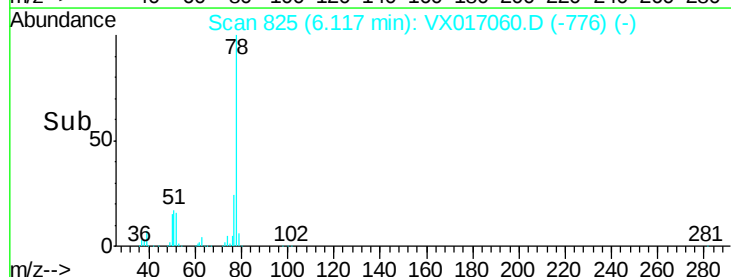
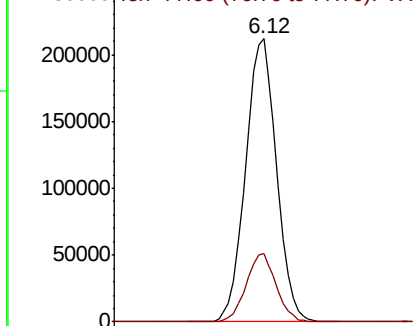


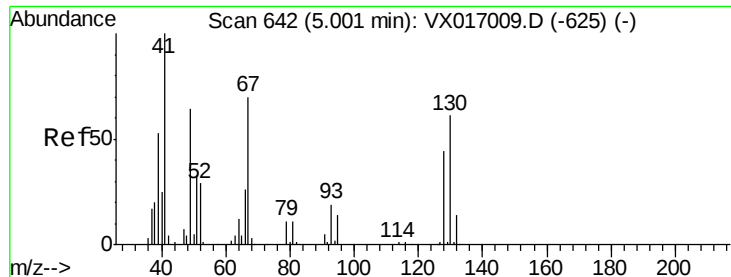
#40
Benzene
Concen: 50.623 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion: 78 Resp: 560330
Ion Ratio Lower Upper
78 100
77 24.0 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 53.031 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 114082

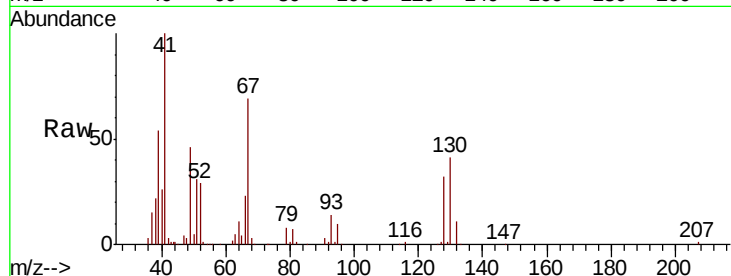
Ion Ratio Lower Upper

41 100

39 53.1 44.4 66.6

67 69.0 57.1 85.7

52 28.5 23.2 34.8

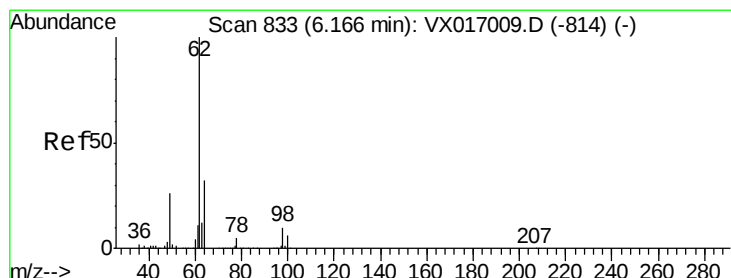
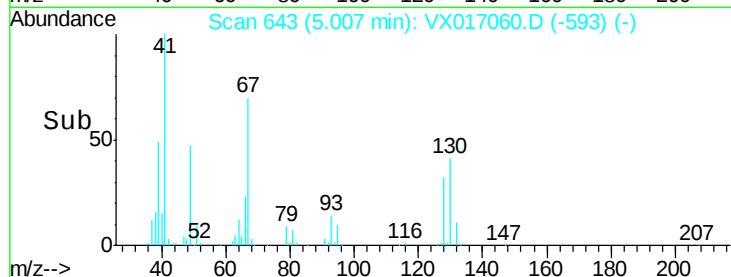
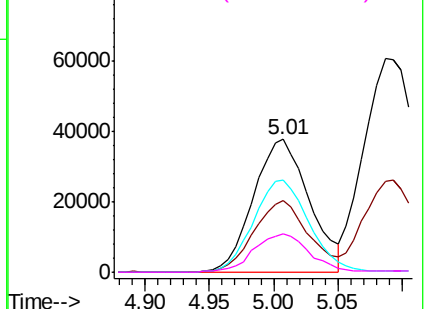


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.339 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017060.D

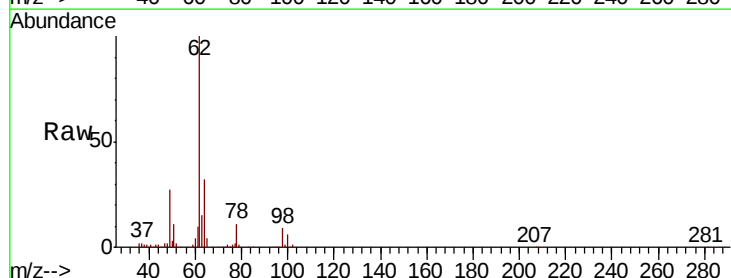
Acq: 30 Jun 2020 21:20

Tgt Ion: 62 Resp: 205256

Ion Ratio Lower Upper

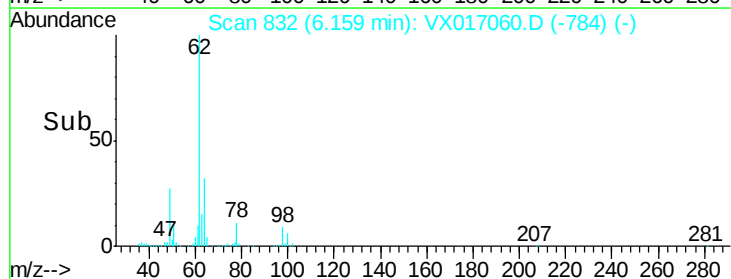
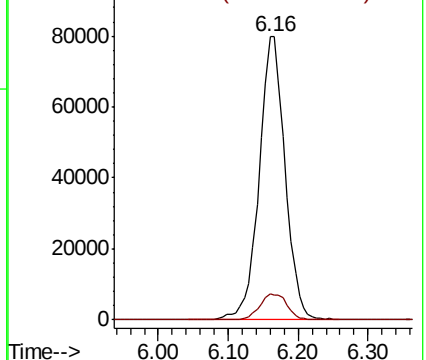
62 100

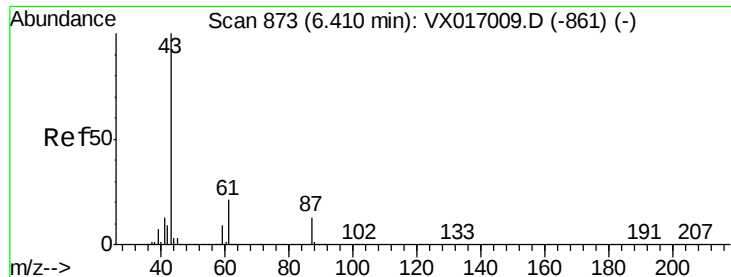
98 9.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



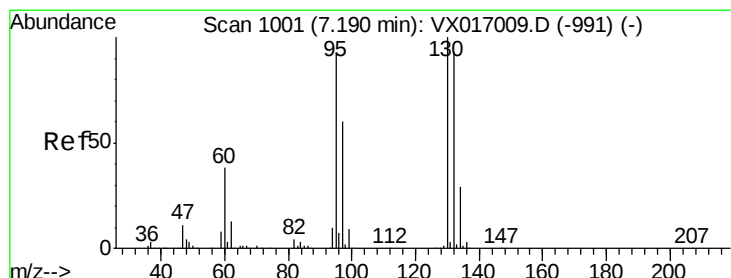
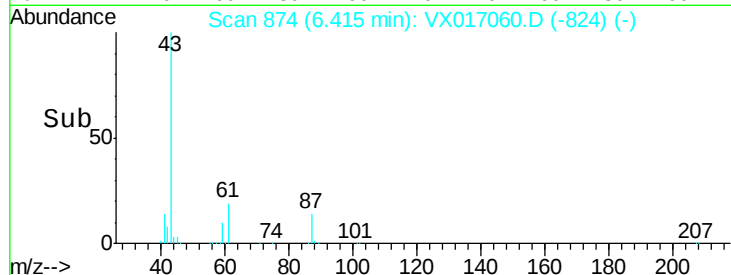
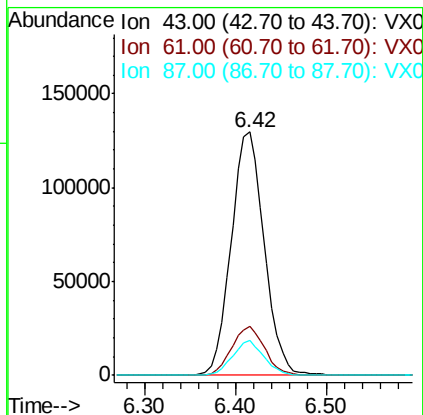
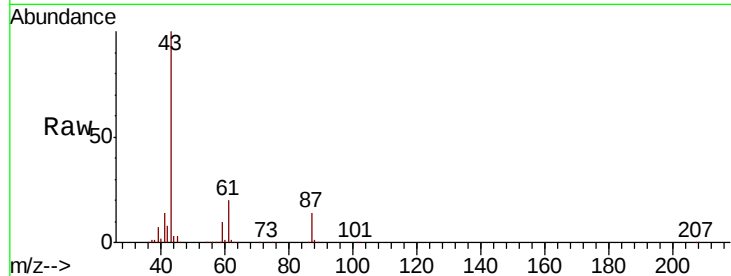


#43

Isopropyl Acetate
 Concen: 51.477 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

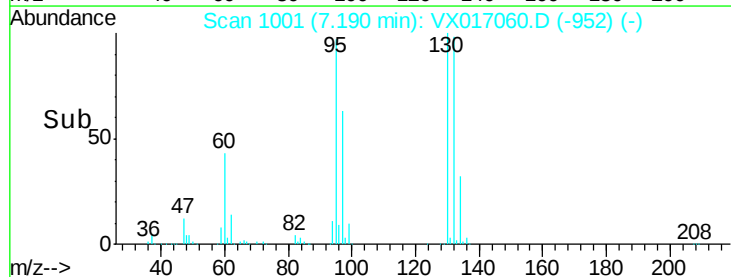
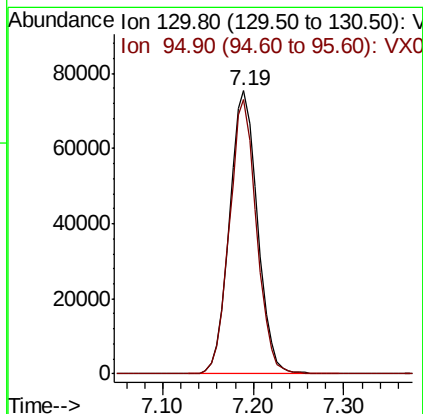
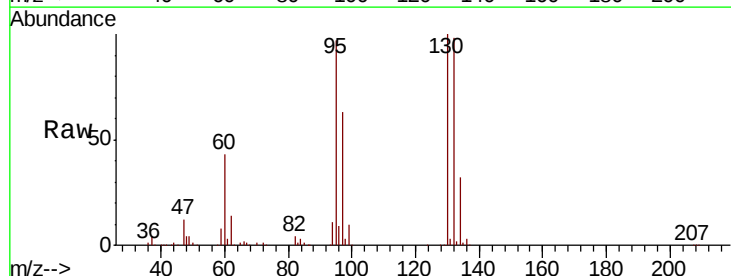
Tot Ion: 43 Resp: 326956
 Ion Ratio Lower Upper
 43 100
 61 20.1 16.2 24.2
 87 13.6 10.7 16.1



#44

Trichloroethene
 Concen: 52.803 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion: 130 Resp: 161228
 Ion Ratio Lower Upper
 130 100
 95 96.8 0.0 185.0





#45

1,2-Dichloropropane

Concen: 50.647 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

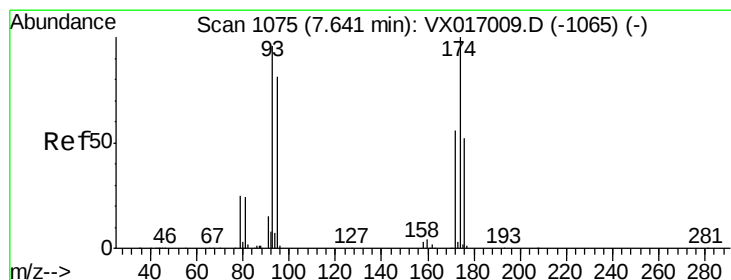
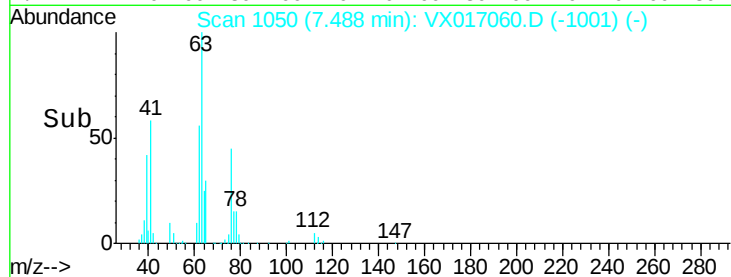
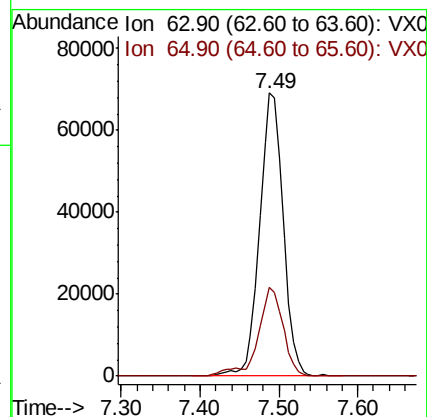
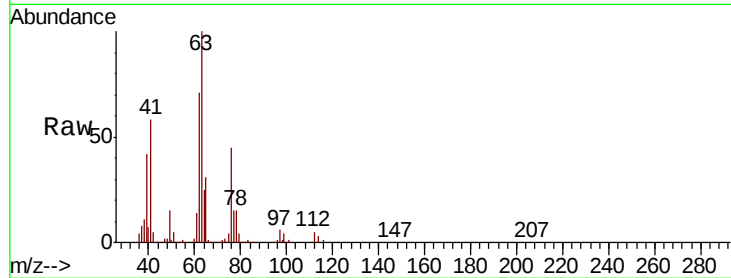
VSTDCCC050

Tot Ion: 63 Resp: 143985

Ion Ratio Lower Upper

63 100

65 31.2 24.6 36.8



#46

Dibromomethane

Concen: 51.453 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

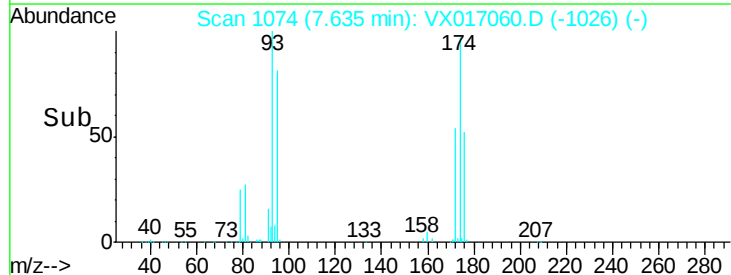
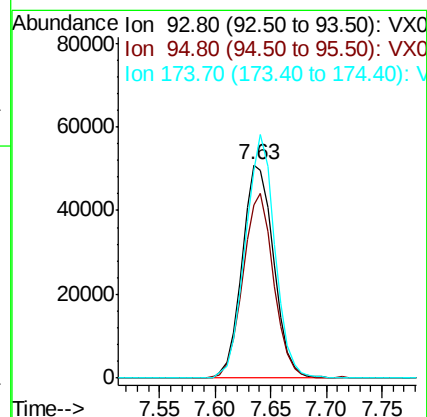
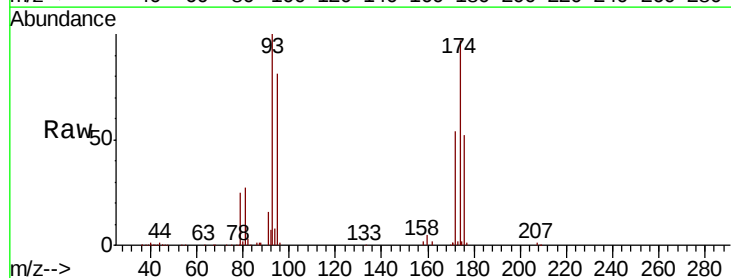
Tgt Ion: 93 Resp: 99866

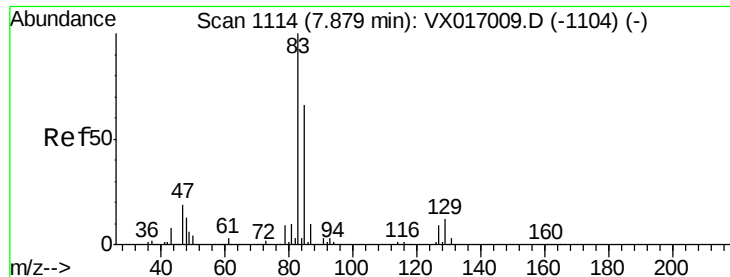
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.0

174 107.4 84.3 126.5





#47

Bromodichloromethane

Concen: 51.812 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

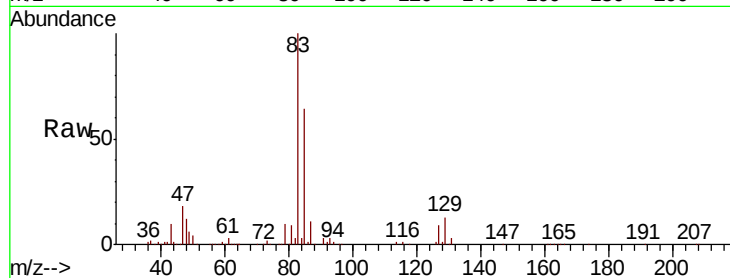
Tot Ion: 83 Resp: 207241

Ion Ratio Lower Upper

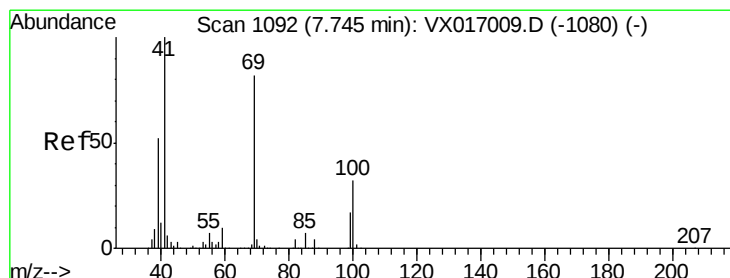
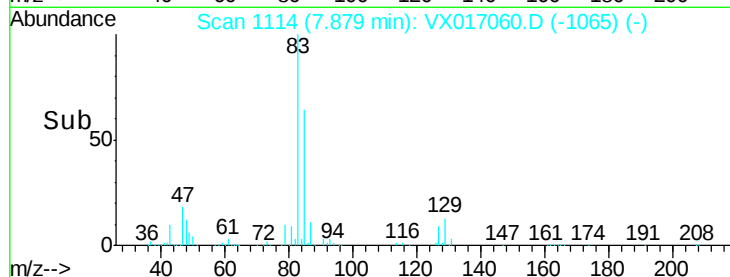
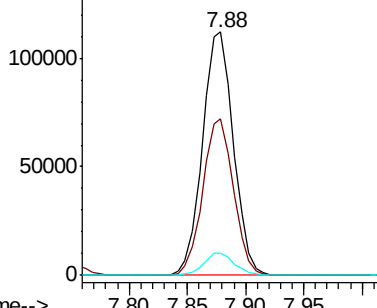
83 100

85 64.4 53.0 79.4

127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.024 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

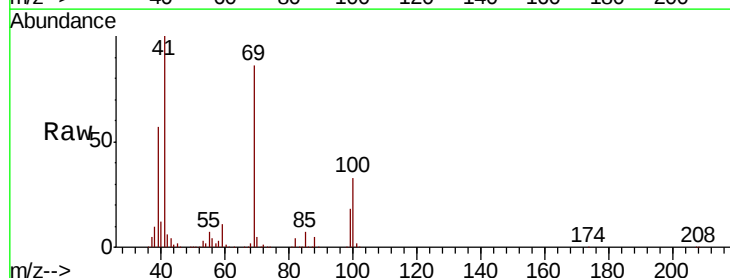
Tgt Ion: 41 Resp: 160002

Ion Ratio Lower Upper

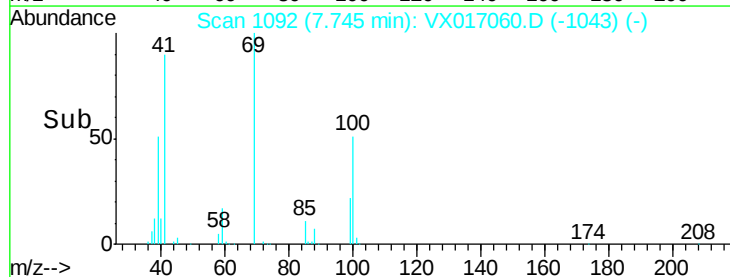
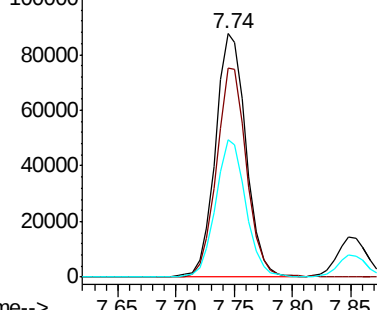
41 100

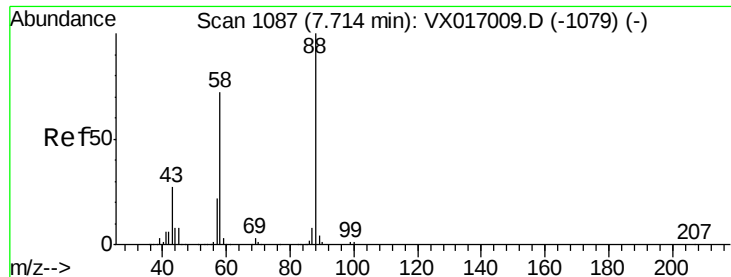
69 84.6 65.8 98.8

39 55.7 42.5 63.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1011.254 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

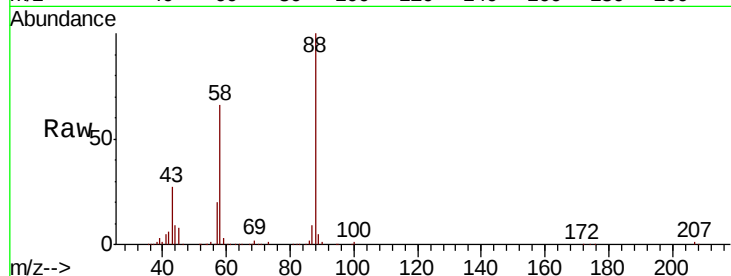
Tot Ion: 88 Resp: 69131

Ion Ratio Lower Upper

88 100

43 31.6 25.8 38.8

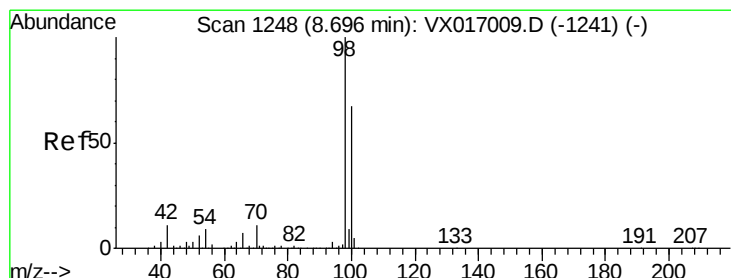
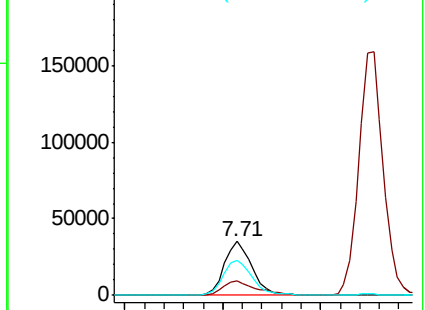
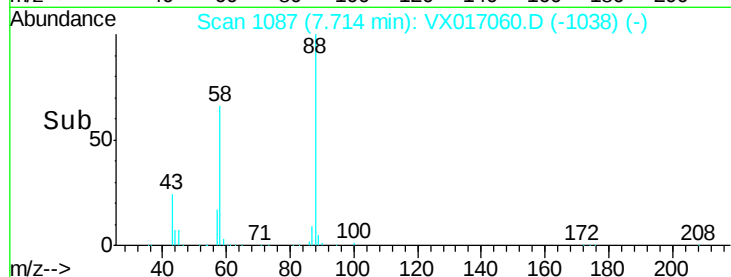
58 69.1 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.748 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017060.D

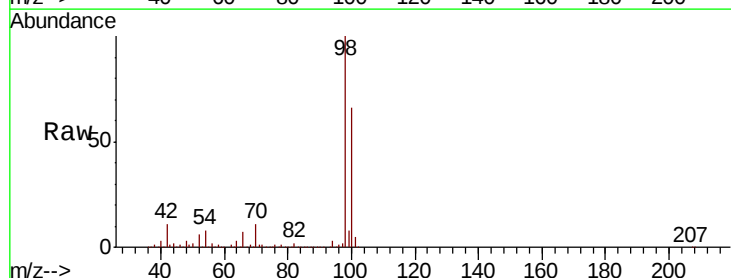
Acq: 30 Jun 2020 21:20

Tgt Ion: 98 Resp: 463827

Ion Ratio Lower Upper

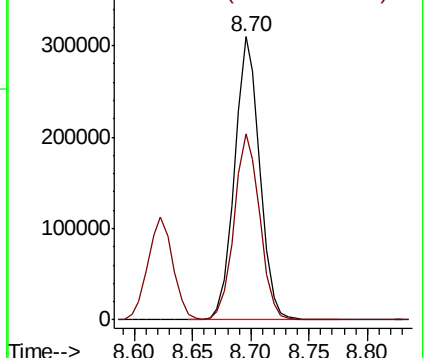
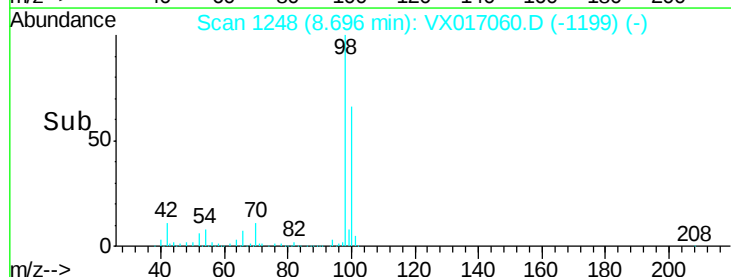
98 100

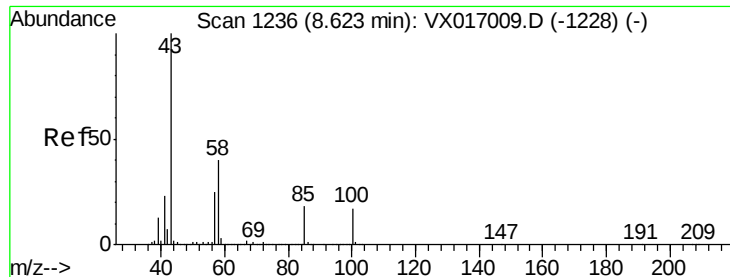
100 67.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

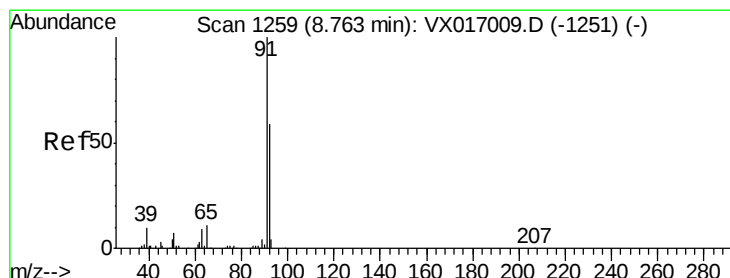
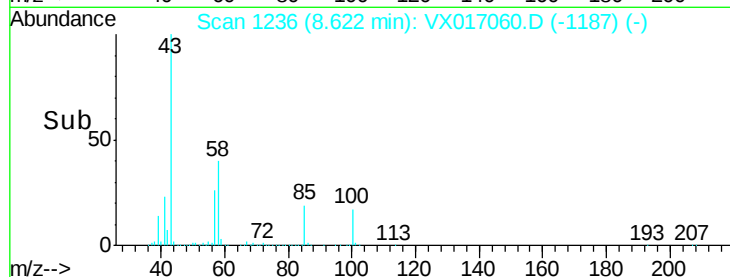
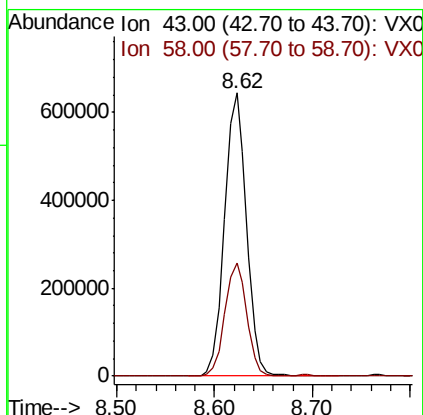
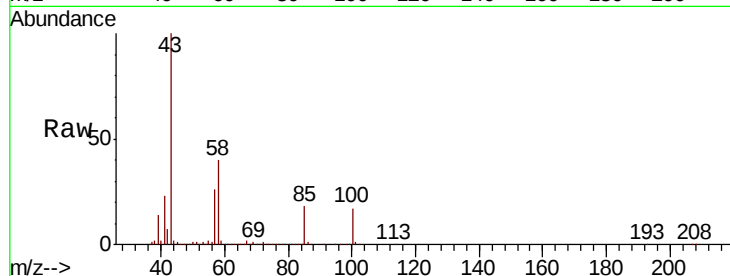




#51
4-Methyl-2-Pentanone
Concen: 264.305 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

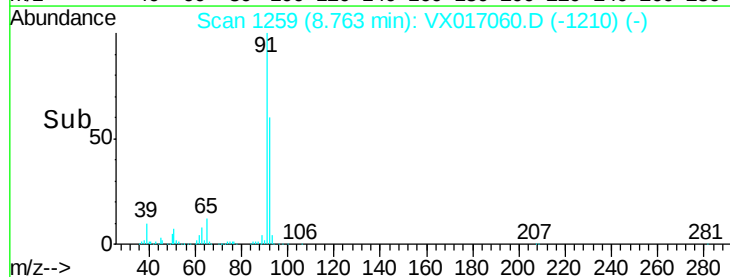
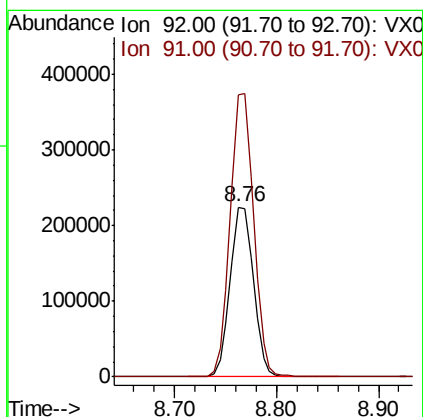
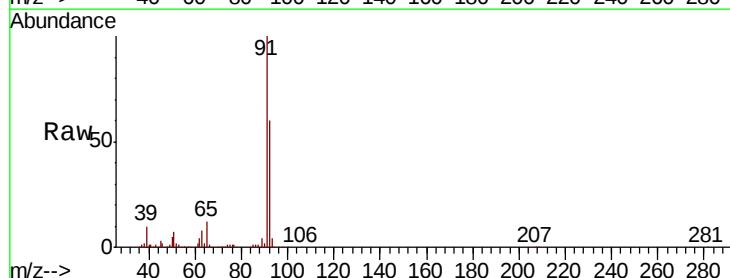
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

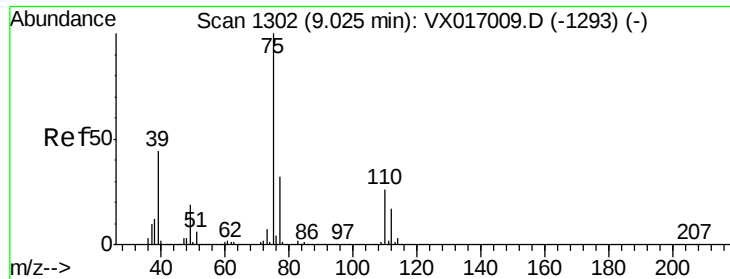
Tot Ion: 43 Resp: 1000685
Ion Ratio Lower Upper
43 100
58 40.0 31.9 47.9



#52
Toluene
Concen: 51.447 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion: 92 Resp: 355536
Ion Ratio Lower Upper
92 100
91 167.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 51.012 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

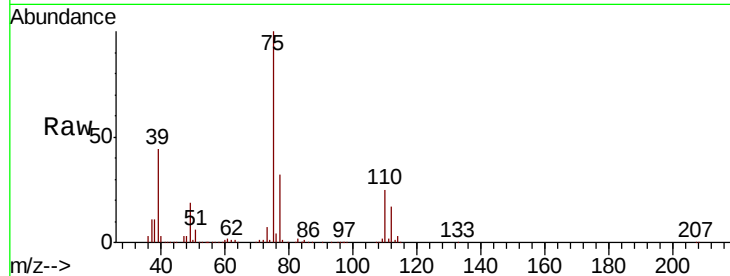
VSTDCCC050

Tot Ion: 75 Resp: 225124

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

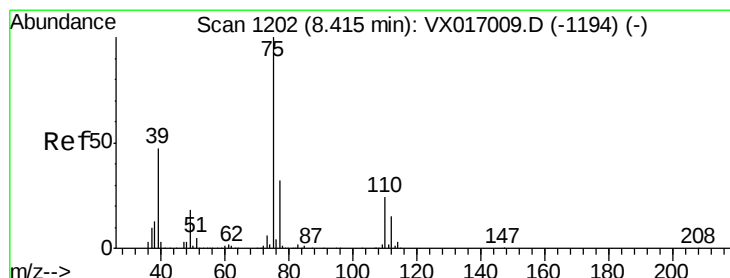
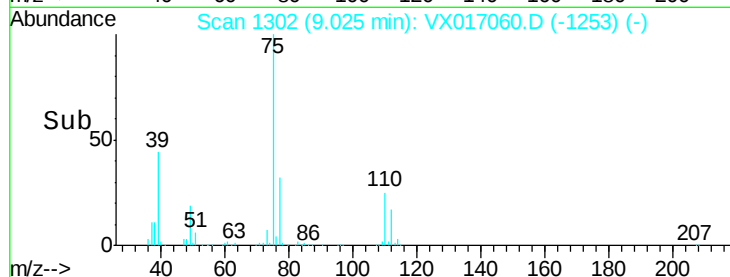
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.356 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

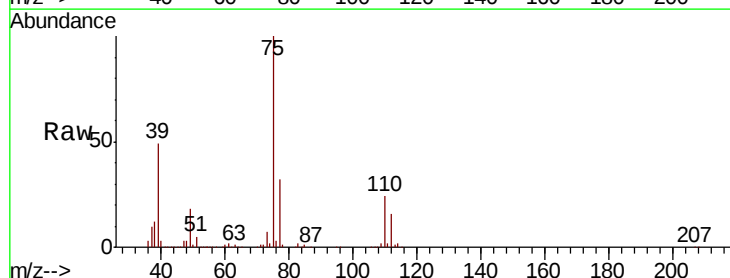
Tgt Ion: 75 Resp: 238229

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 48.4 37.4 56.2



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

8.42

200000

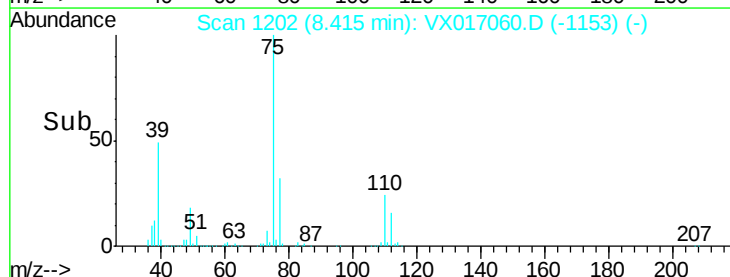
150000

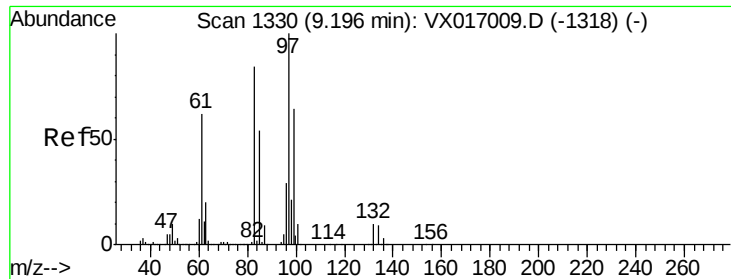
100000

50000

0

Time-->

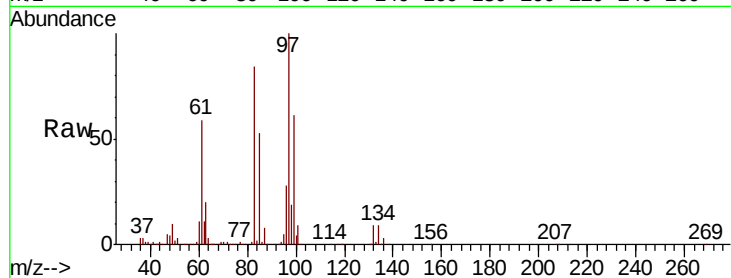




#55
 1,1,2-Trichloroethane
 Concen: 51.935 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	146637
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.0	100.6
85	53.1	43.5	65.3
99	61.2	51.0	76.6



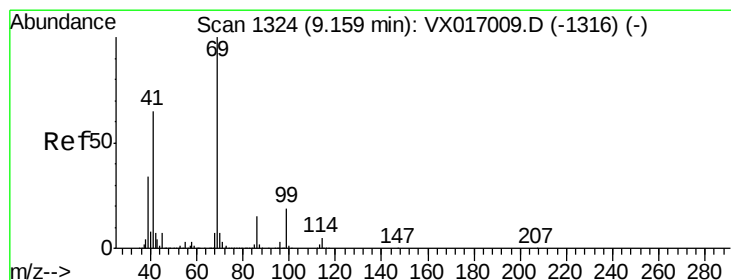
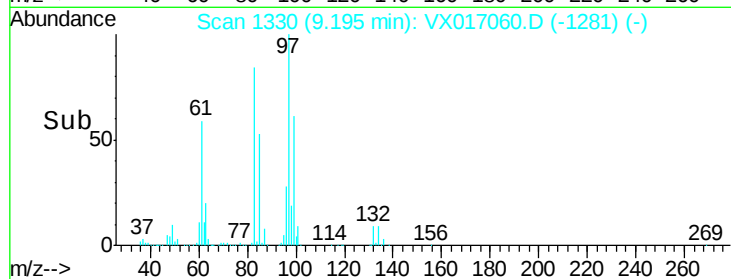
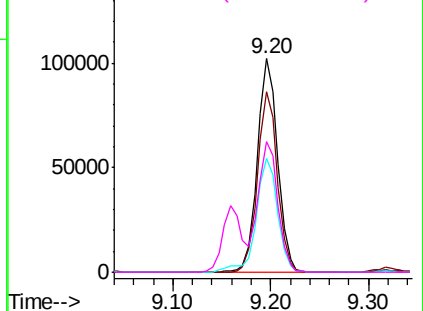
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

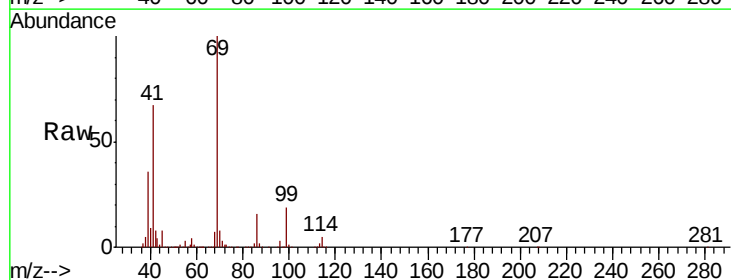
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 53.786 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion:	69	Resp:	216152
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.6	80.4
39	35.9	28.2	42.2

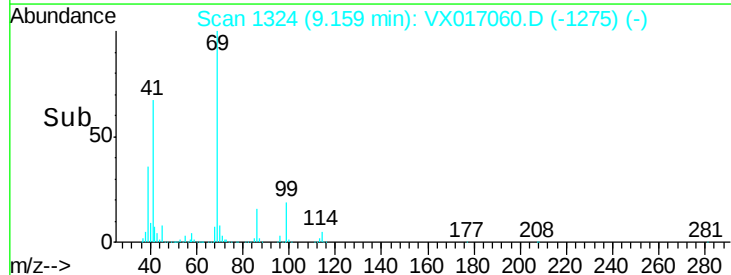
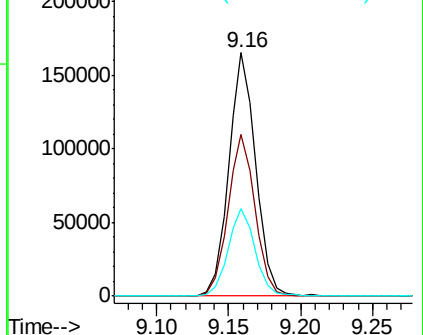


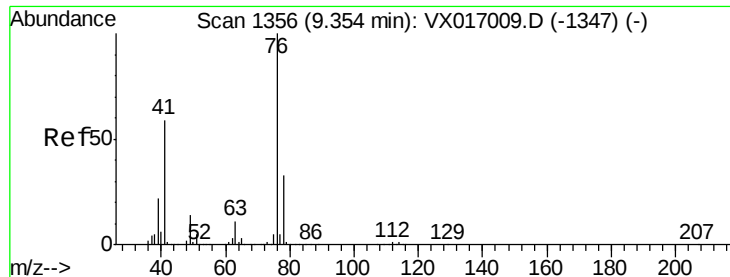
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.171 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

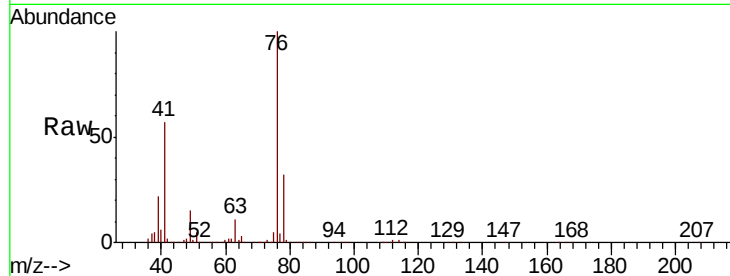
VSTDCCC050

Tot Ion: 76 Resp: 244478

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

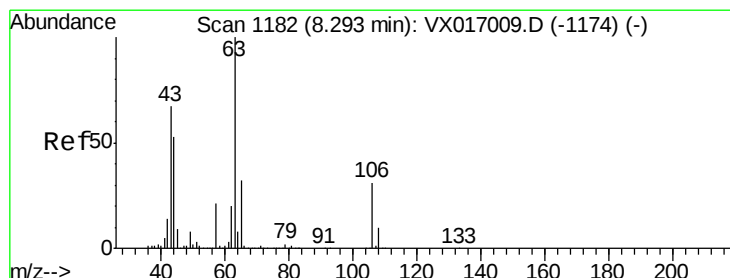
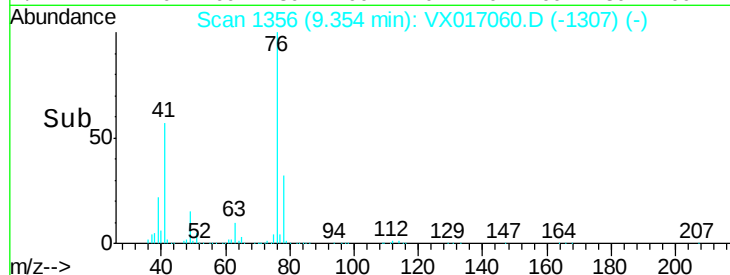
100000

50000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 286.889 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017060.D

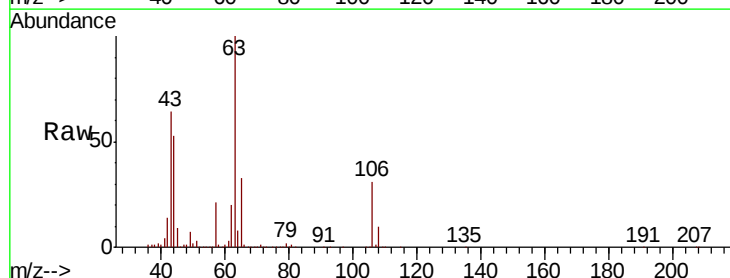
Acq: 30 Jun 2020 21:20

Tgt Ion: 63 Resp: 573806

Ion Ratio Lower Upper

63 100

106 30.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

300000

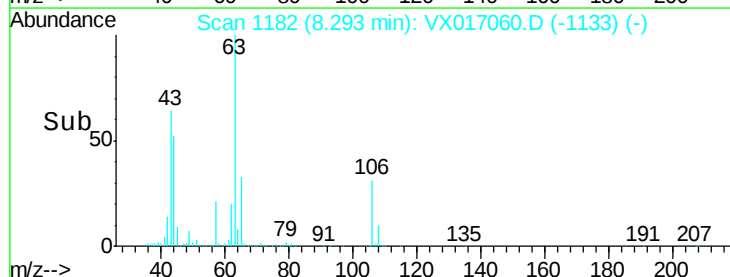
200000

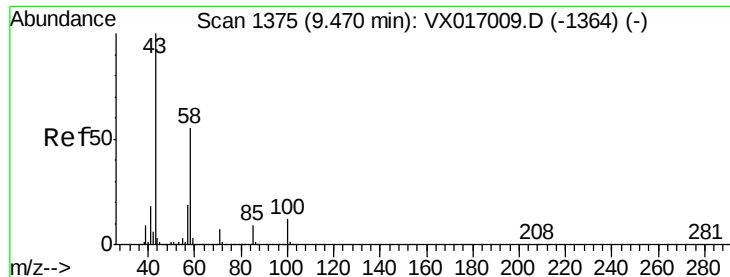
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

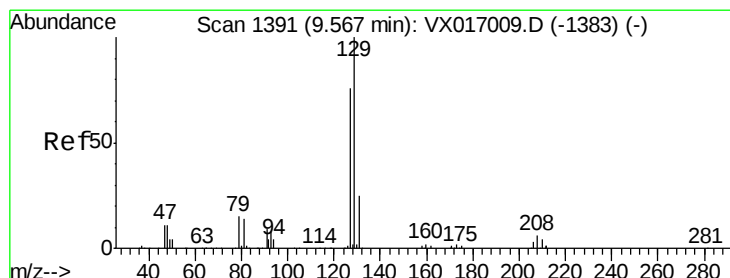
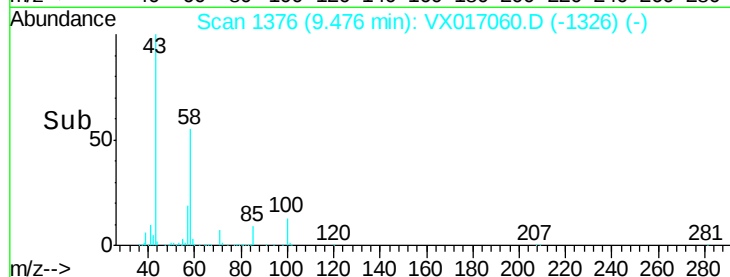
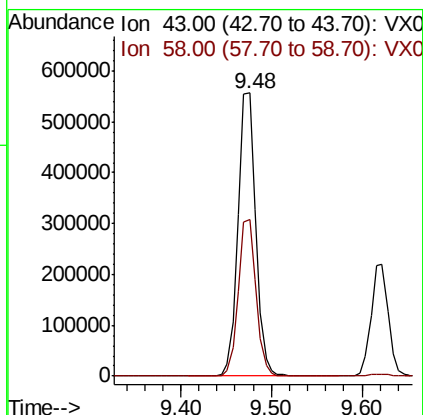
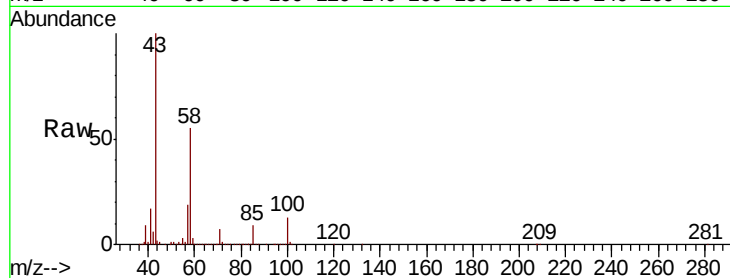




#59
2-Hexanone
Concen: 274.284 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

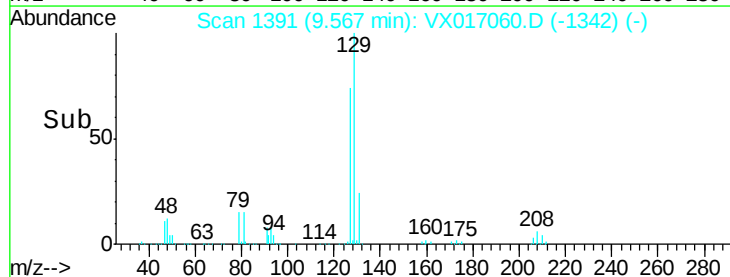
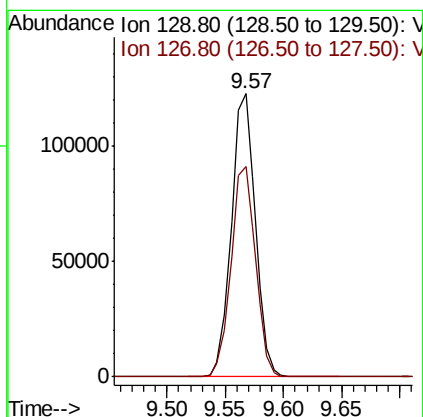
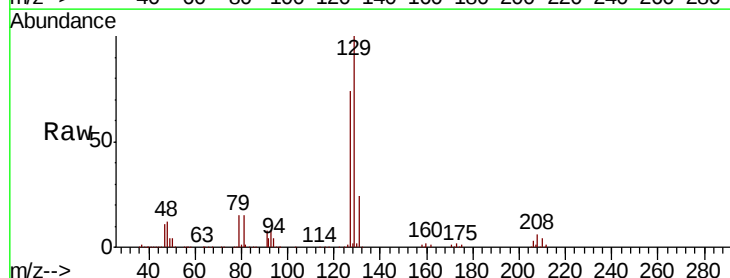
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

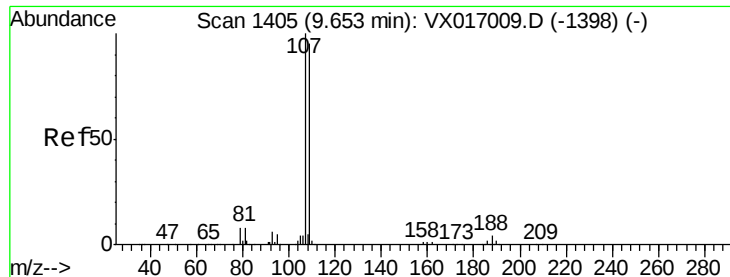
Tot Ion: 43 Resp: 758427
Ion Ratio Lower Upper
43 100
58 55.1 27.9 83.6



#60
Dibromochloromethane
Concen: 53.732 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion:129 Resp: 176207
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.640 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

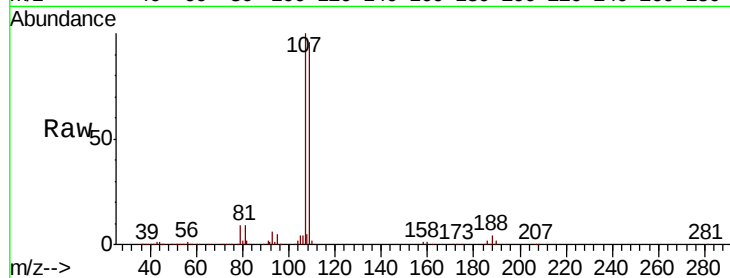
VSTDCCC050

Tot Ion:107 Resp: 156726

Ion Ratio Lower Upper

107 100

109 95.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

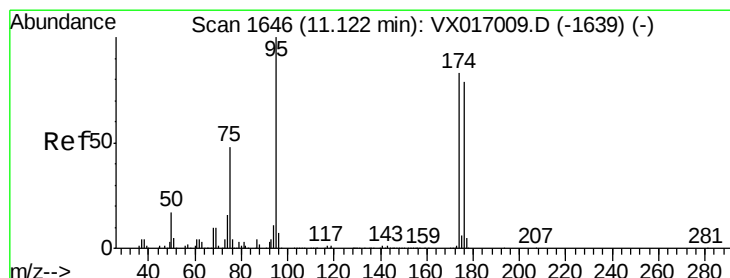
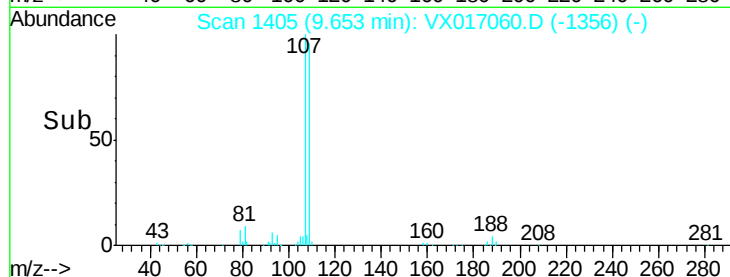
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.692 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

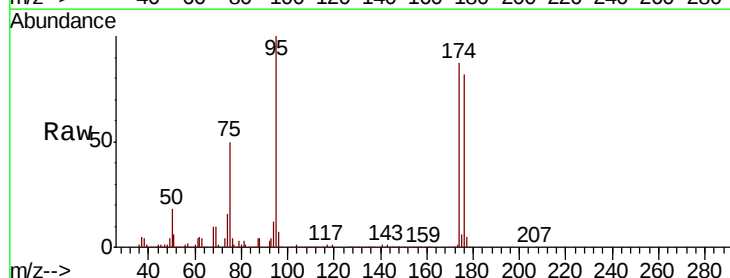
Tgt Ion: 95 Resp: 181112

Ion Ratio Lower Upper

95 100

174 85.2 0.0 164.0

176 81.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

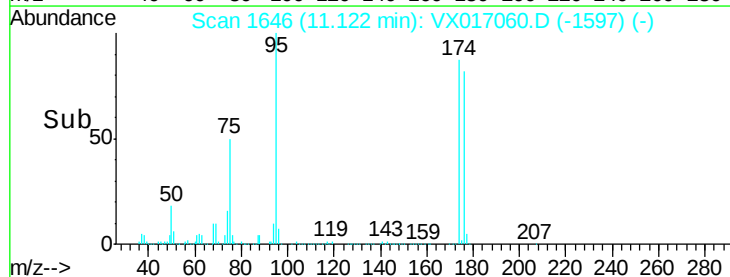
150000

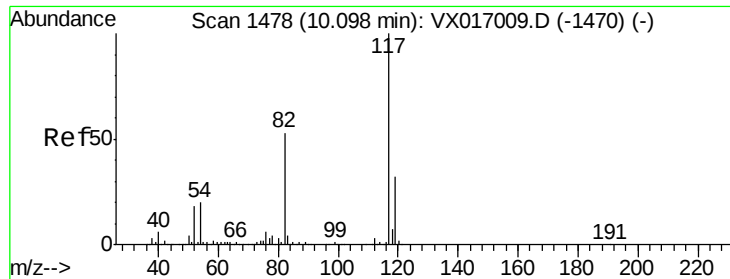
100000

50000

0

Time-->

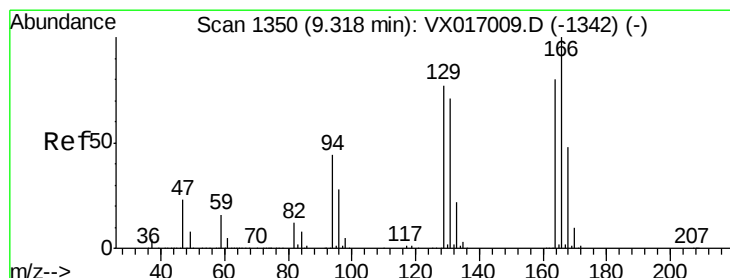
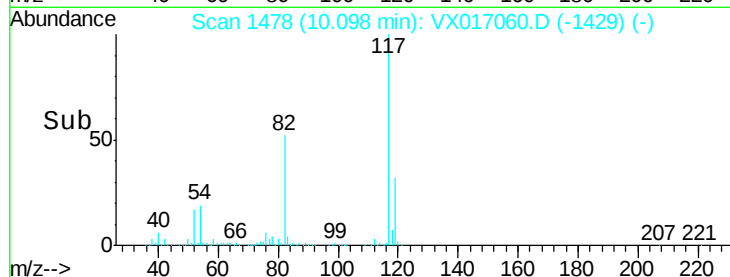
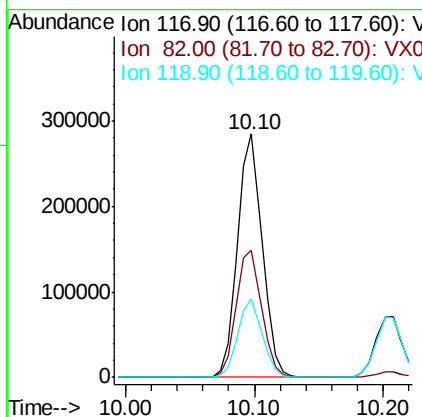
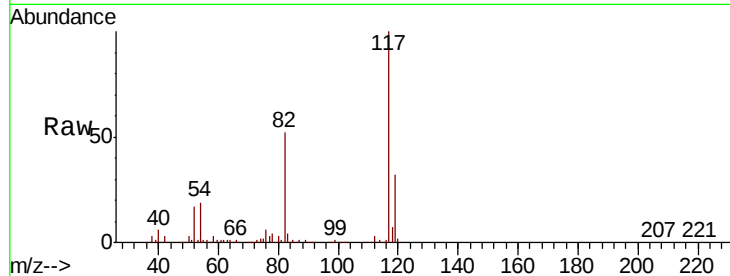




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

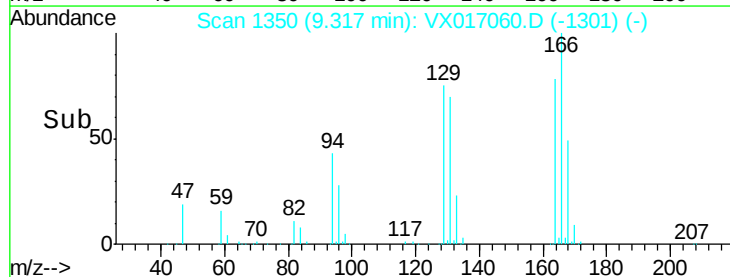
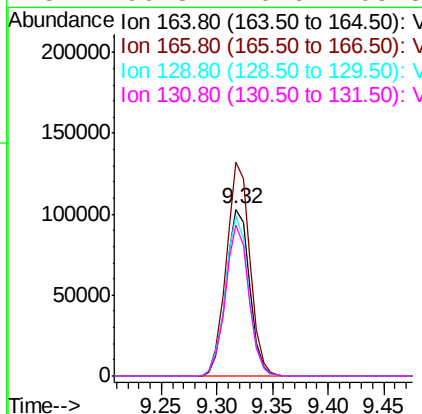
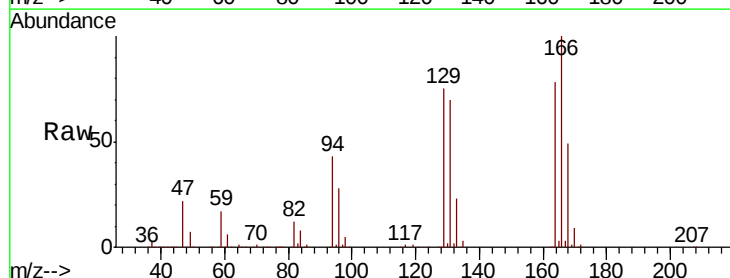
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

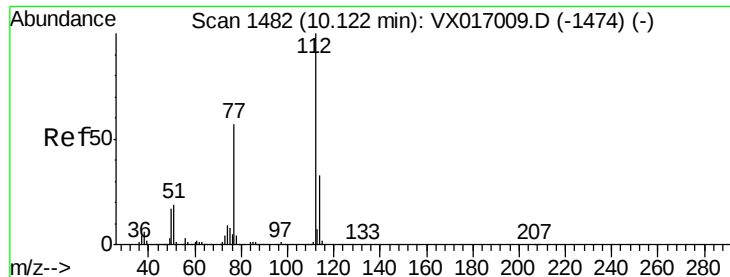
Tot Ion:117 Resp: 379246
Ion Ratio Lower Upper
117 100
82 52.4 42.6 63.8
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 49.319 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion:164 Resp: 150952
Ion Ratio Lower Upper
164 100
166 128.0 99.4 149.0
129 95.8 76.3 114.5
131 90.3 70.6 105.8





#65

Chlorobenzene

Concen: 50.171 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

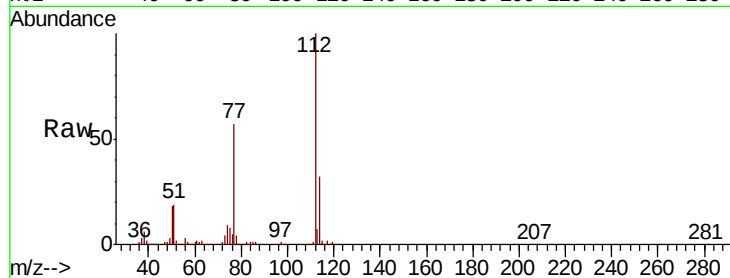
VSTDCCC050

Tot Ion:112 Resp: 392706

Ion Ratio Lower Upper

112 100

114 31.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

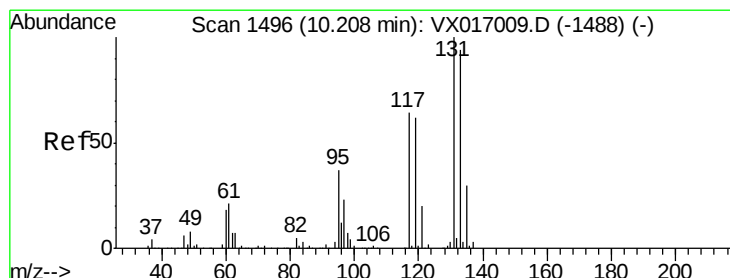
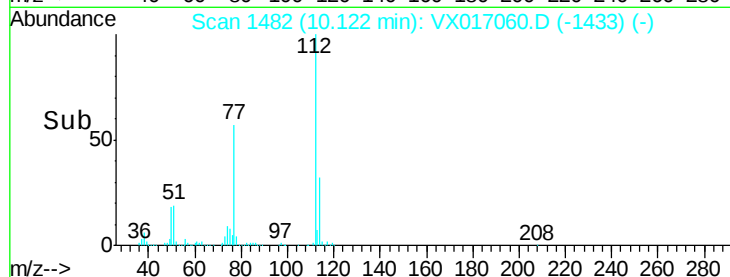
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.722 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

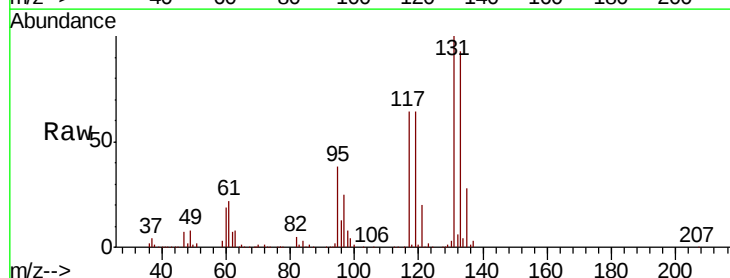
Tgt Ion:131 Resp: 156023

Ion Ratio Lower Upper

131 100

133 95.4 47.3 141.9

119 63.6 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

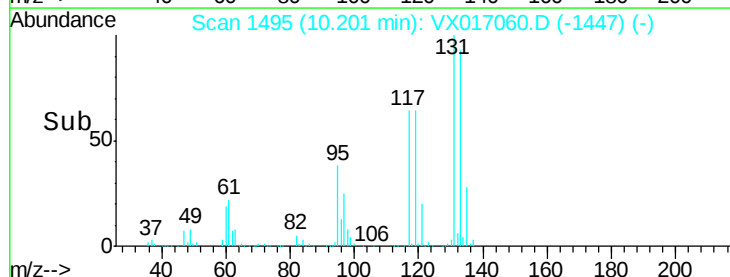
150000

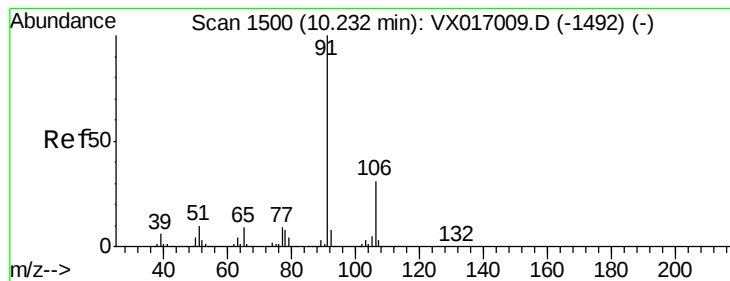
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 52.091 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

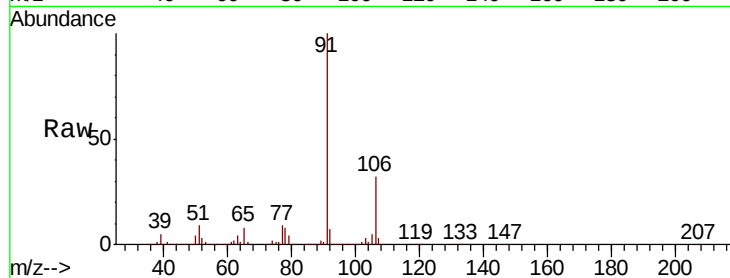
VSTDCCC050

Tot Ion: 91 Resp: 680923

Ion Ratio Lower Upper

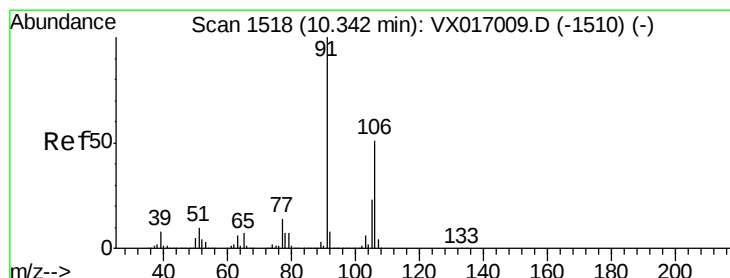
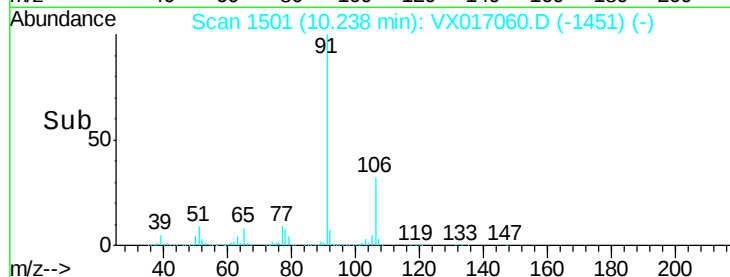
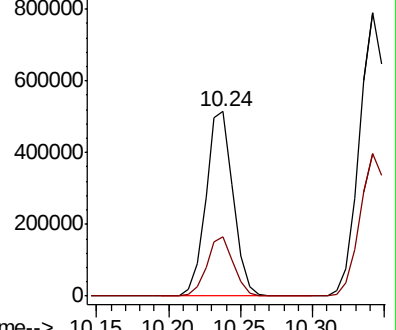
91 100

106 32.4 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 105.126 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017060.D

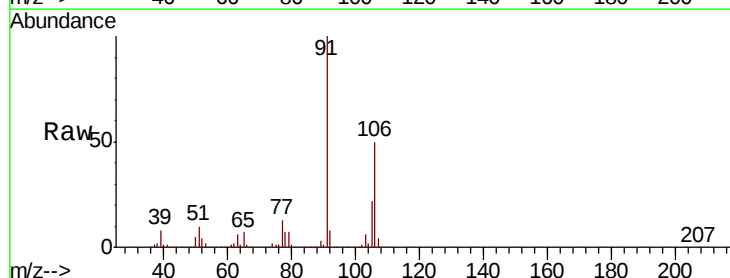
Acq: 30 Jun 2020 21:20

Tgt Ion:106 Resp: 527643

Ion Ratio Lower Upper

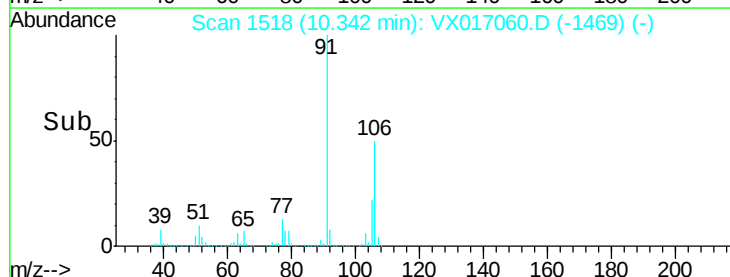
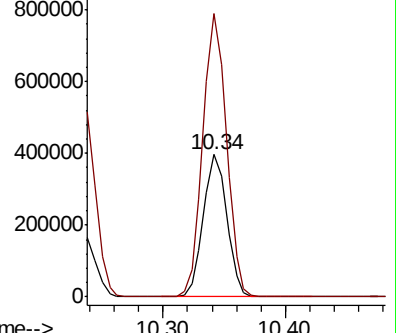
106 100

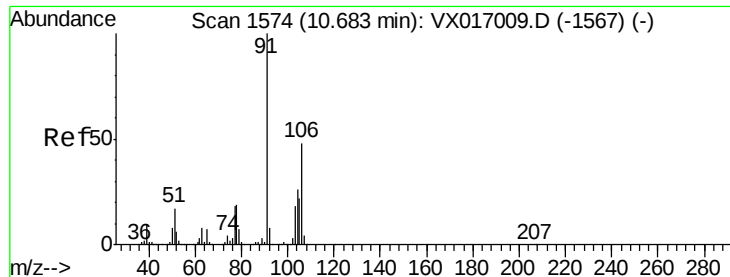
91 199.8 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

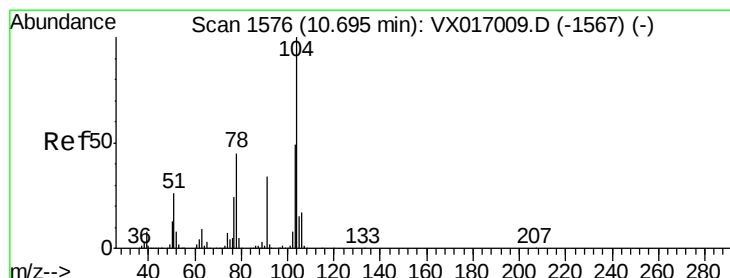
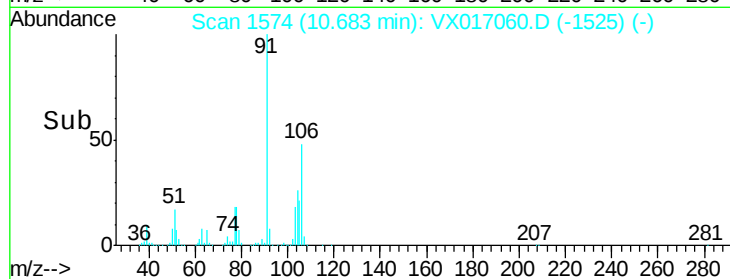
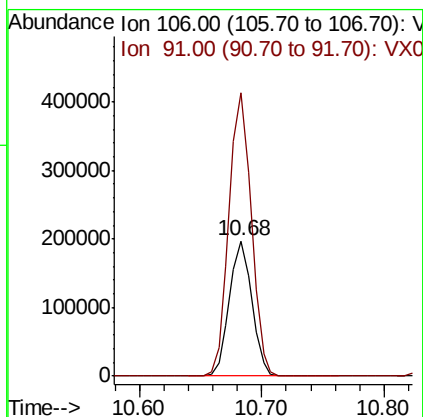
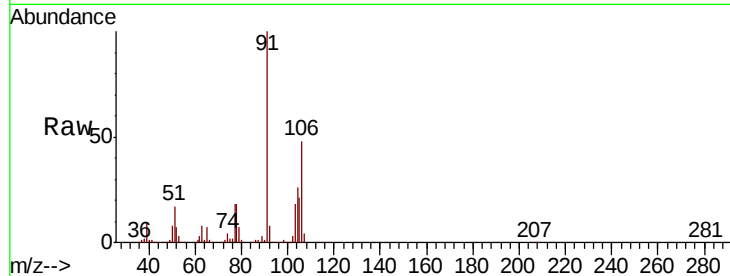




#69
o-Xylene
Concen: 52.315 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

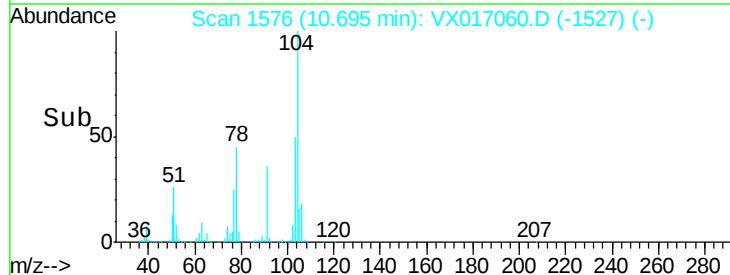
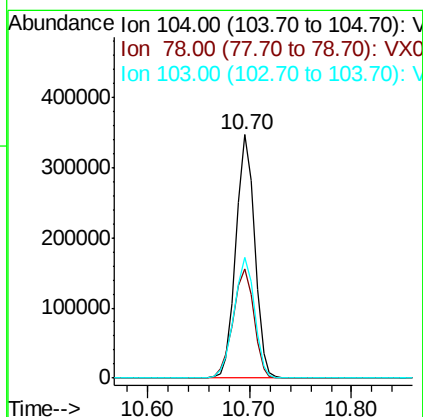
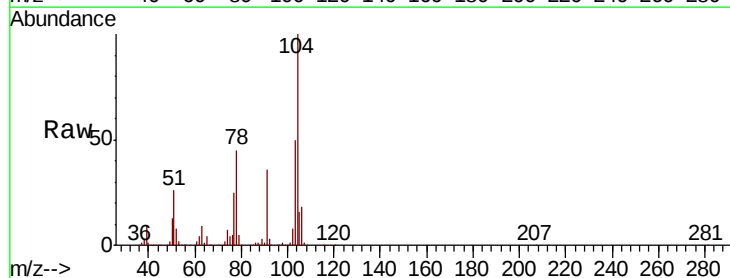
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

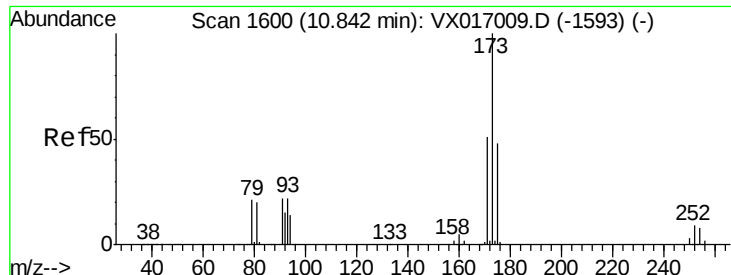
Tot Ion:106 Resp: 249792
Ion Ratio Lower Upper
106 100
91 209.3 105.6 316.7



#70
Styrene
Concen: 54.037 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion:104 Resp: 439363
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 54.1 43.0 64.6





#71

Bromoform

Concen: 55.640 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

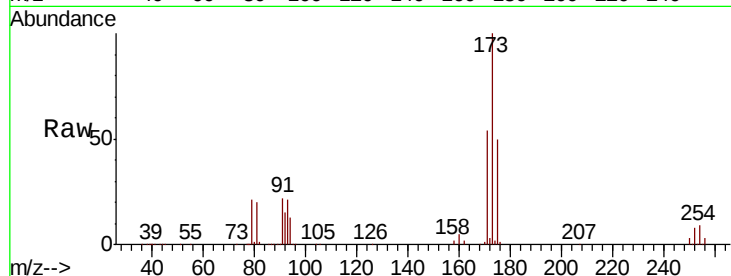
Tot Ion:173 Resp: 133098

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

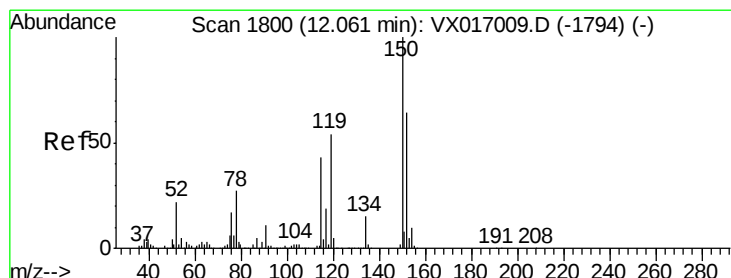
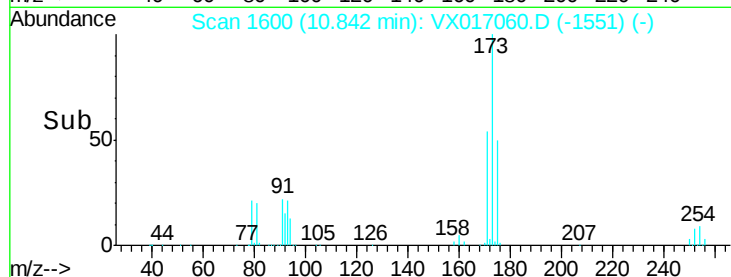
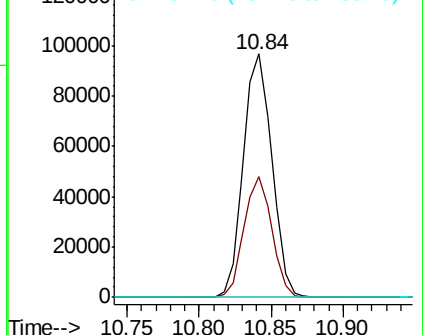
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

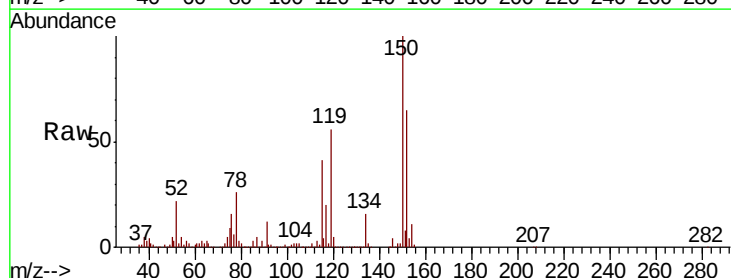
Tgt Ion:152 Resp: 201769

Ion Ratio Lower Upper

152 100

115 79.5 40.9 122.7

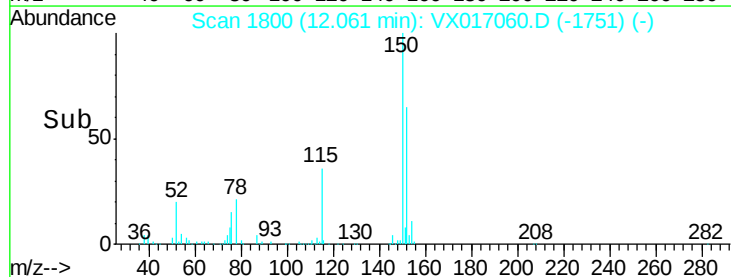
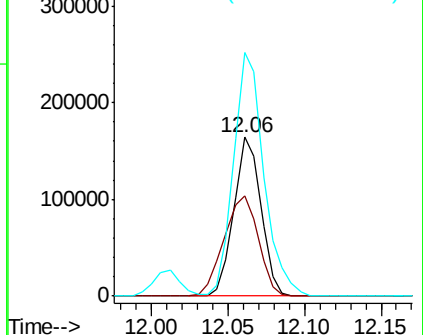
150 171.9 0.0 351.6

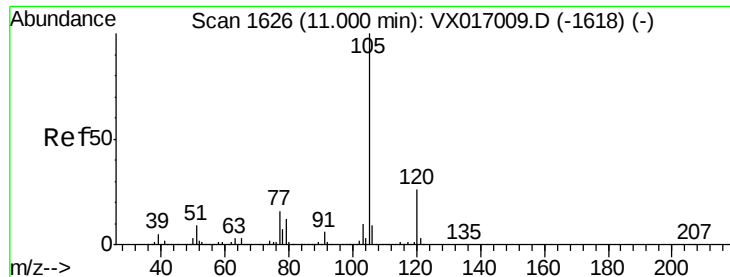


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.862 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

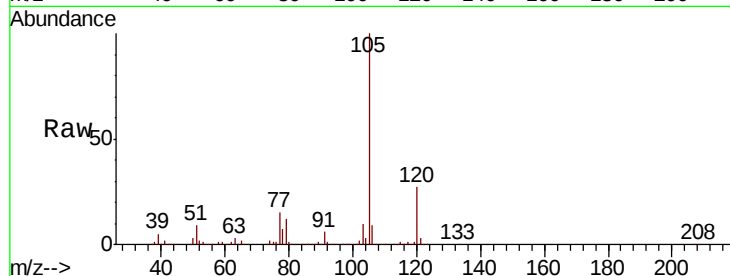
VSTDCCC050

Tot Ion:105 Resp: 672198

Ion Ratio Lower Upper

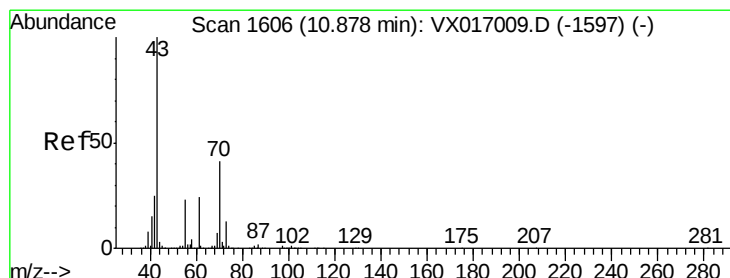
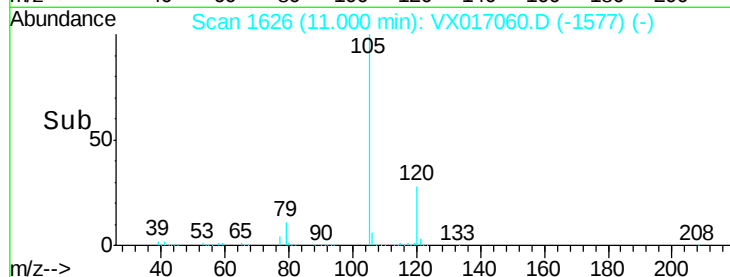
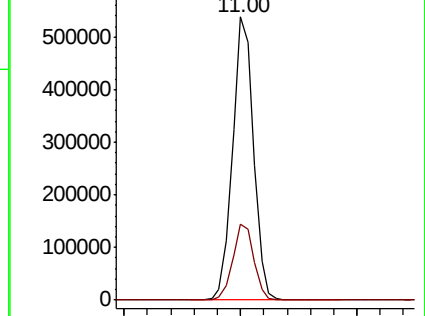
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.460 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Tgt Ion: 43 Resp: 290191

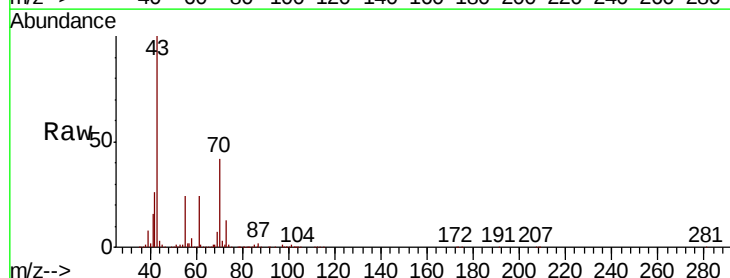
Ion Ratio Lower Upper

43 100

70 43.7 34.2 51.2

55 24.6 19.2 28.8

61 25.0 19.6 29.4

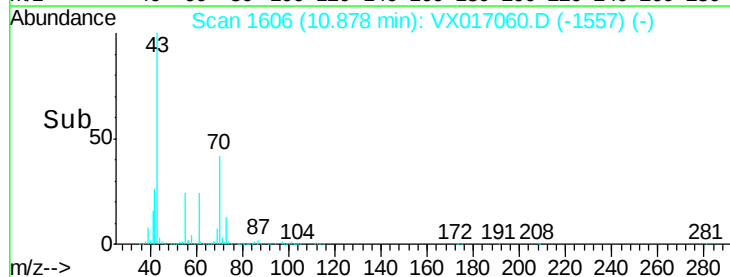
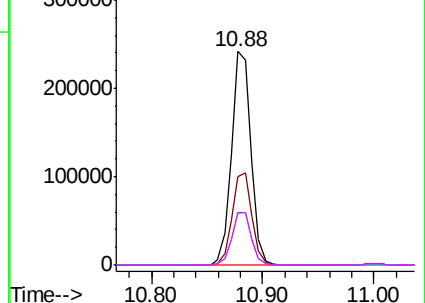


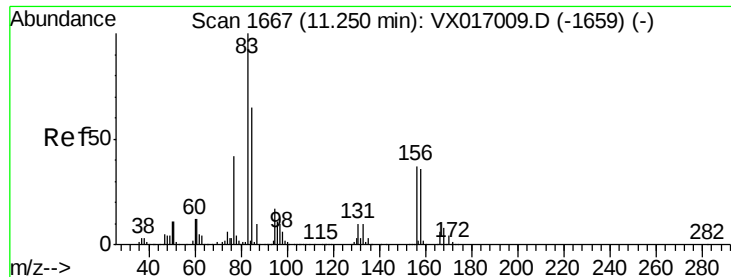
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.393 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

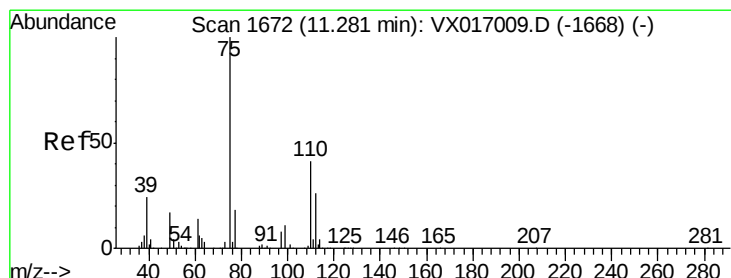
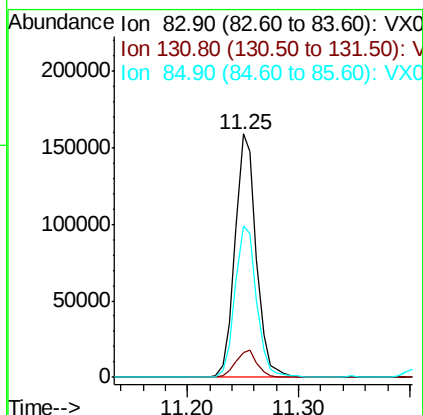
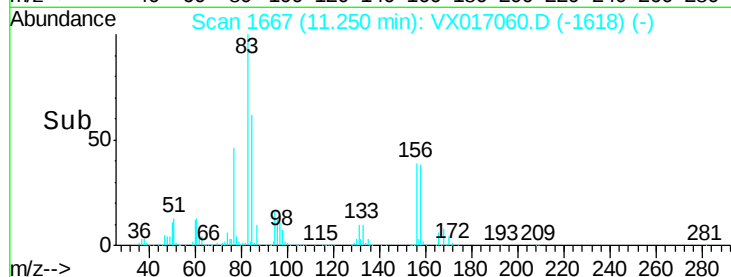
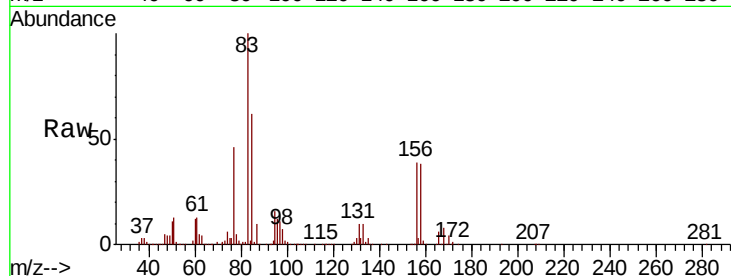
Tot Ion: 83 Resp: 209496

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 63.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 65.198 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017060.D

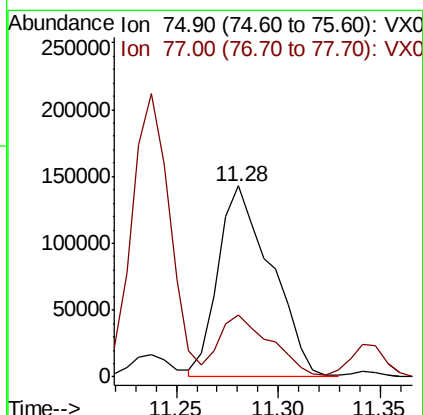
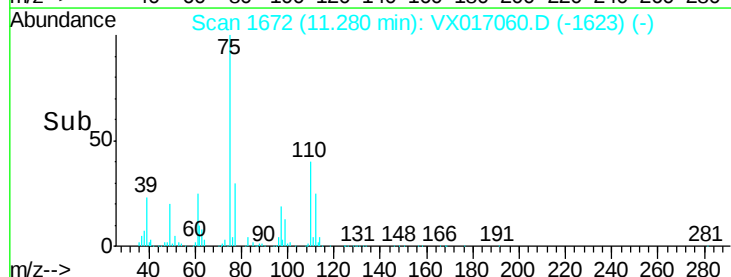
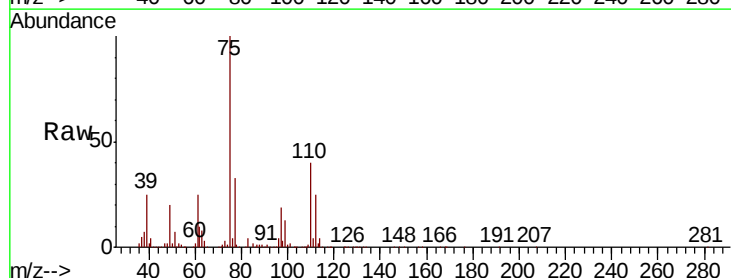
Acq: 30 Jun 2020 21:20

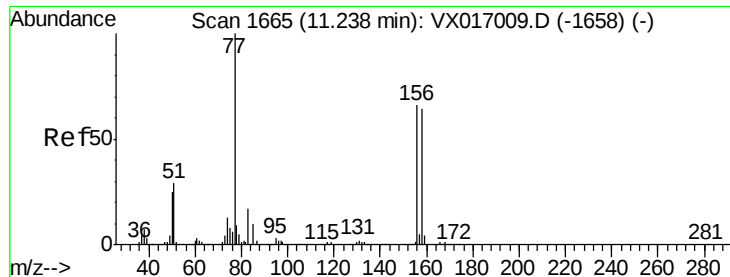
Tgt Ion: 75 Resp: 258684

Ion Ratio Lower Upper

75 100

77 31.7 20.2 60.6





#77

Bromobenzene

Concen: 49.578 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

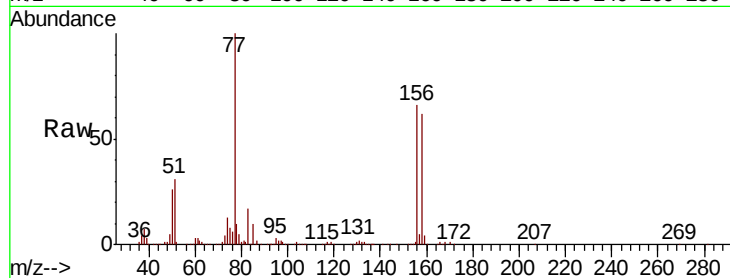
Tot Ion:156 Resp: 180079

Ion Ratio Lower Upper

156 100

77 152.3 76.9 230.7

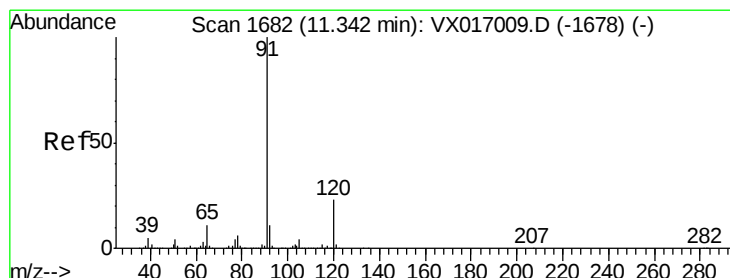
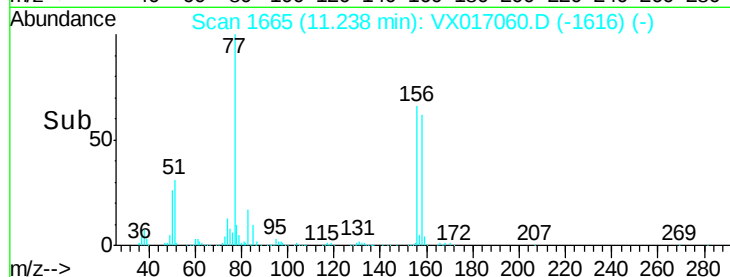
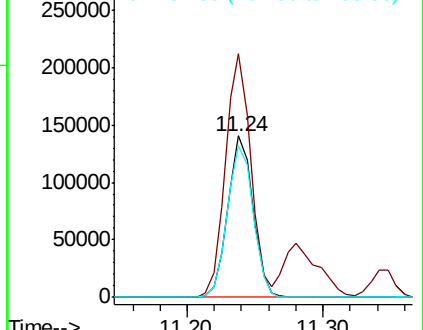
158 97.2 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.544 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017060.D

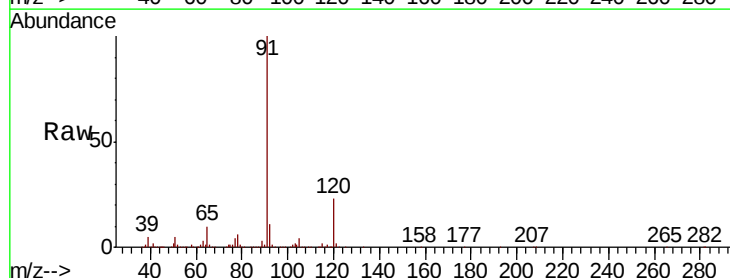
Acq: 30 Jun 2020 21:20

Tgt Ion: 91 Resp: 770328

Ion Ratio Lower Upper

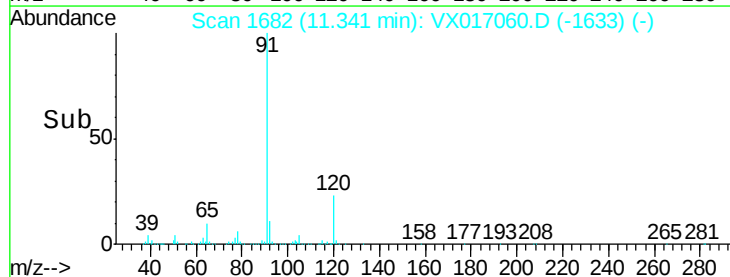
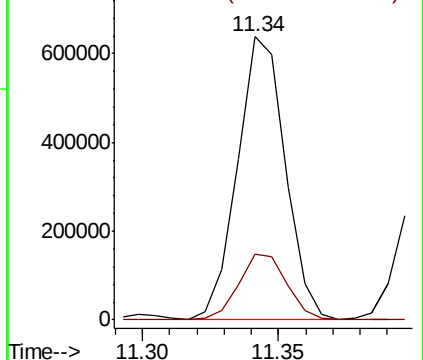
91 100

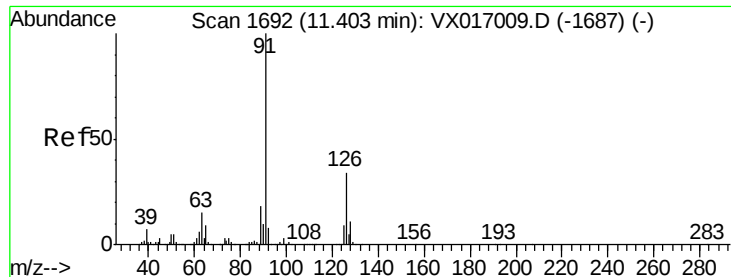
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.493 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

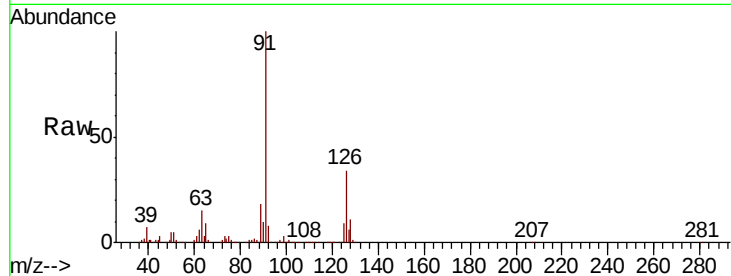
VSTDCCC050

Tot Ion: 91 Resp: 456707

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017009.D (-1687) (-)

600000

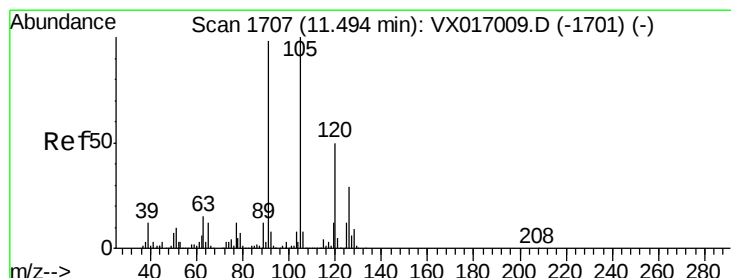
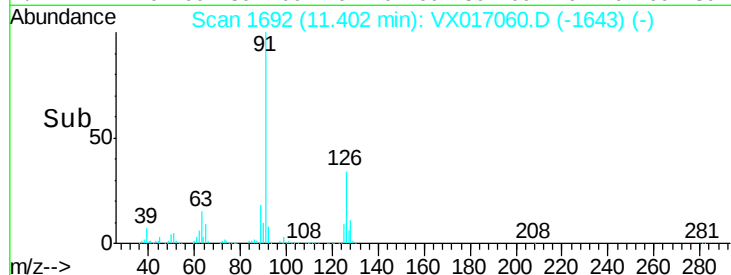
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.216 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017060.D

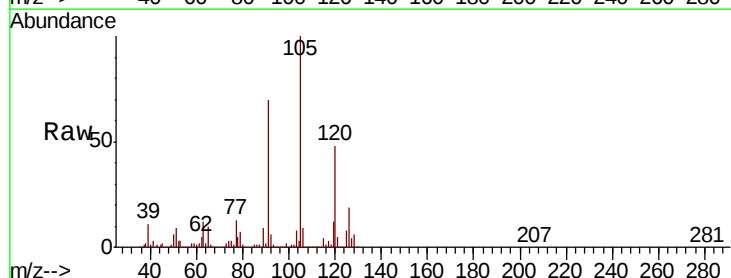
Acq: 30 Jun 2020 21:20

Tgt Ion: 105 Resp: 572408

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)

500000

400000

300000

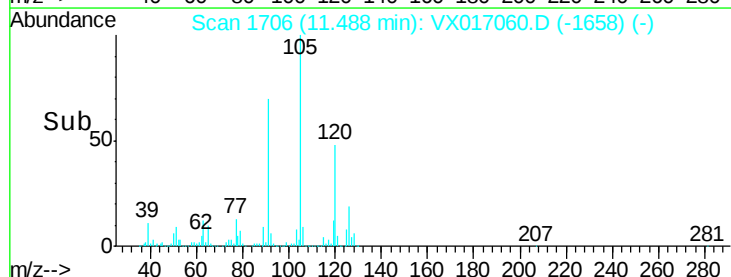
200000

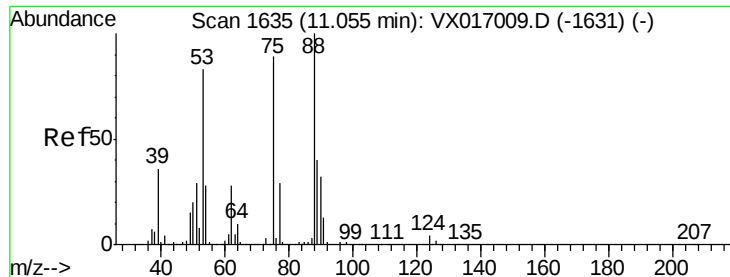
100000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.687 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

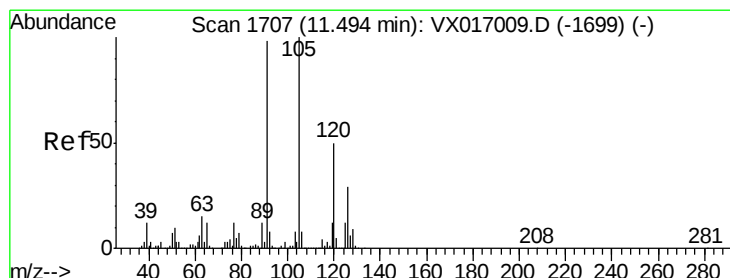
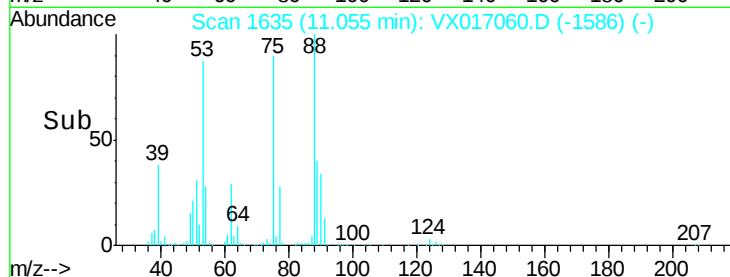
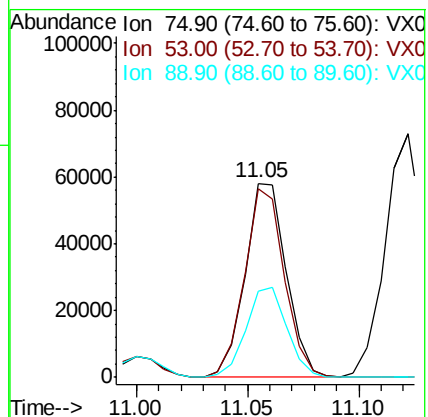
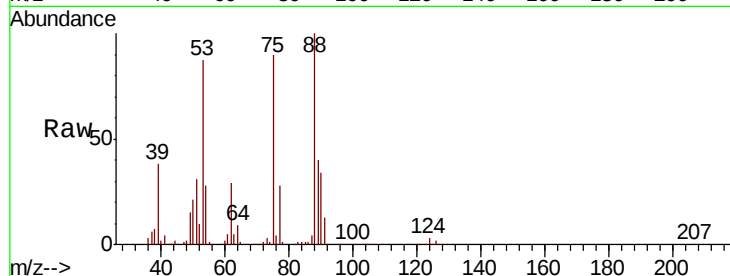
Tot Ion: 75 Resp: 74595

Ion Ratio Lower Upper

75 100

53 94.2 72.4 108.6

89 46.4 37.0 55.4



#82

4-Chlorotoluene

Concen: 50.544 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017060.D

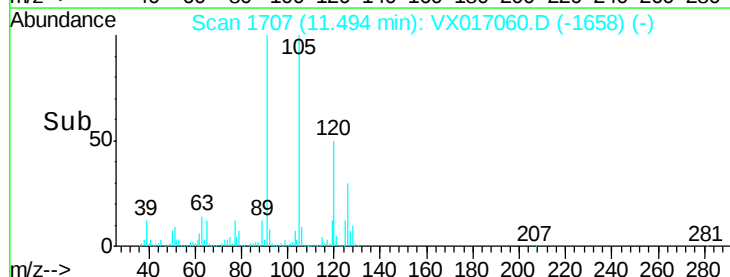
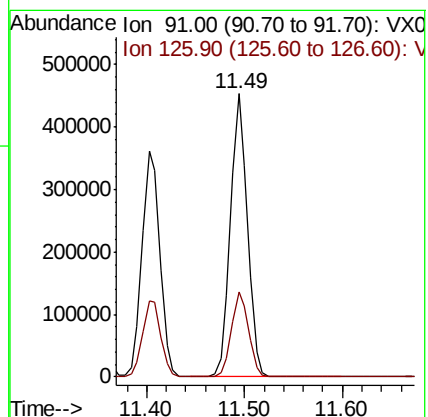
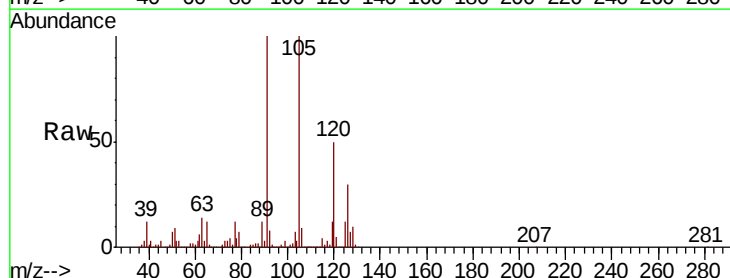
Acq: 30 Jun 2020 21:20

Tgt Ion: 91 Resp: 546515

Ion Ratio Lower Upper

91 100

126 30.4 15.2 45.5

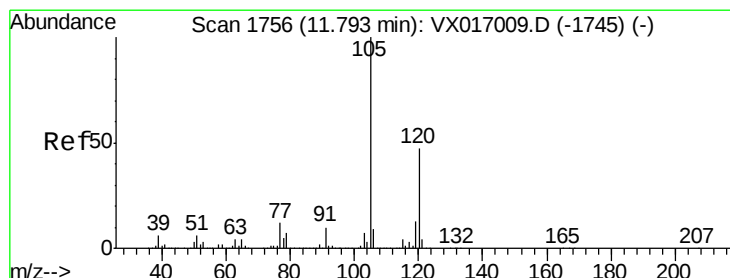
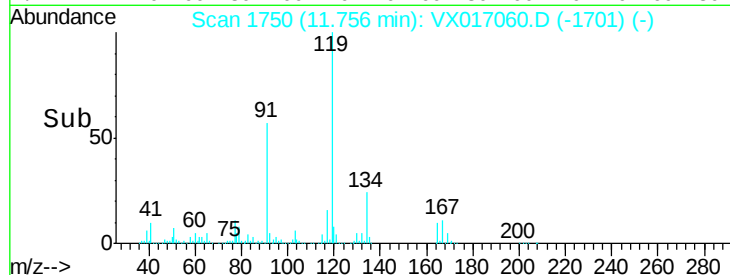
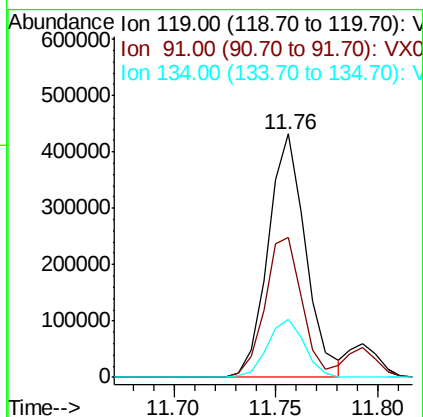
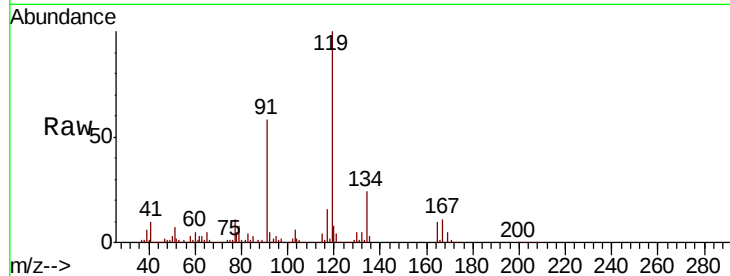




#83
tert-Butylbenzene
Concen: 51.415 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

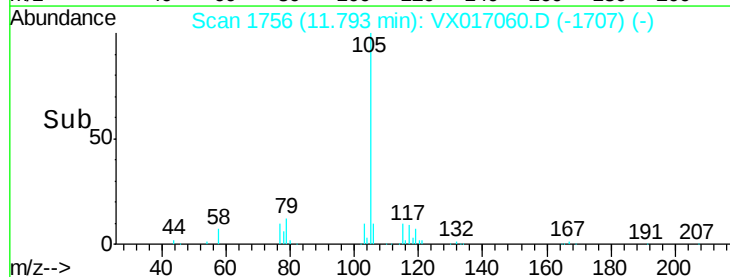
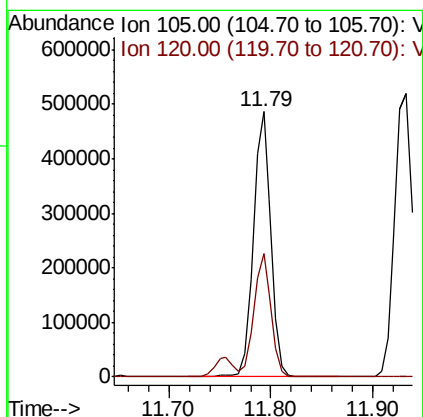
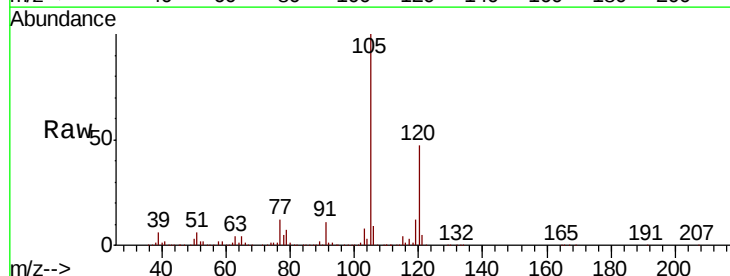
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

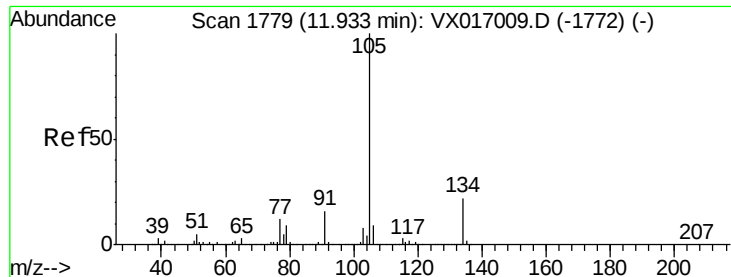
Tot Ion:119 Resp: 553291
Ion Ratio Lower Upper
119 100
91 56.4 28.3 84.9
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 52.337 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion:105 Resp: 582061
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.5





#85

sec-Butylbenzene

Concen: 51.023 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

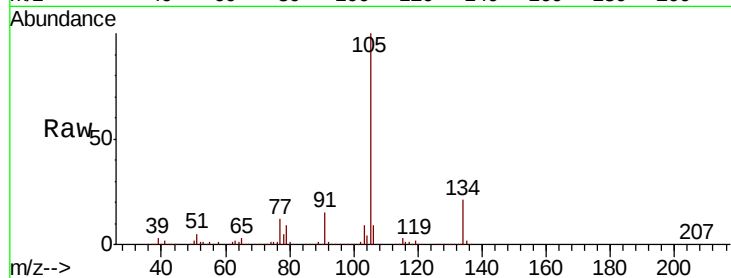
VSTDCCC050

Tot Ion:105 Resp: 645419

Ion Ratio Lower Upper

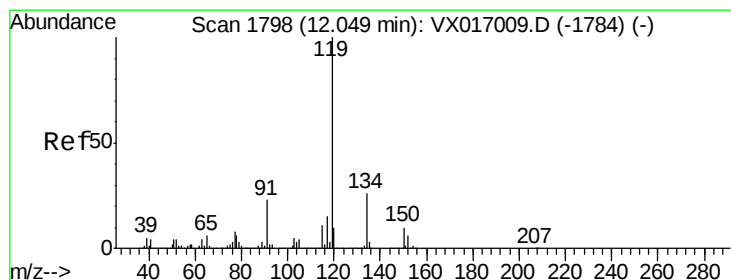
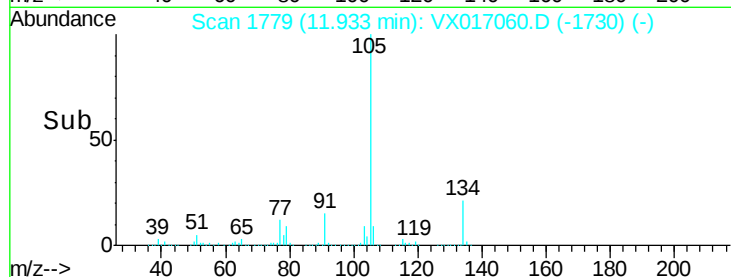
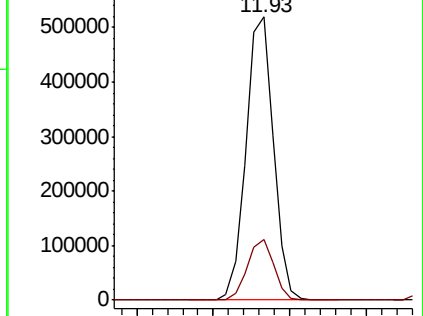
105 100

134 20.8 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.804 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

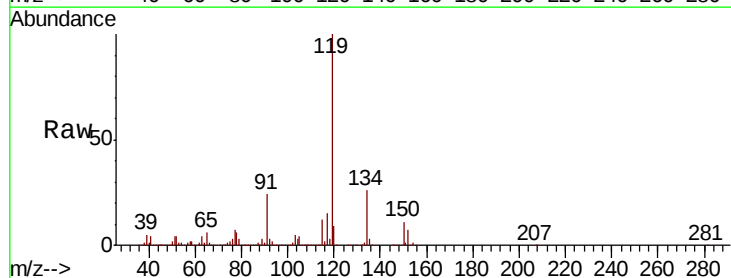
Tgt Ion:119 Resp: 610038

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

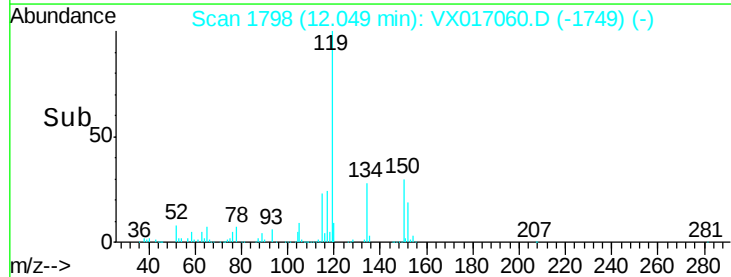
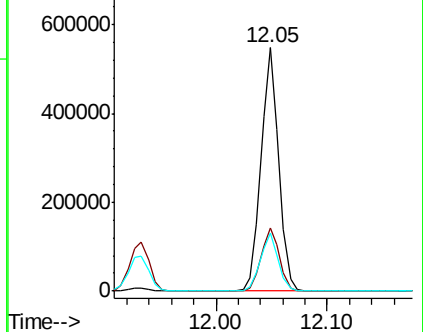
91 23.8 11.8 35.4

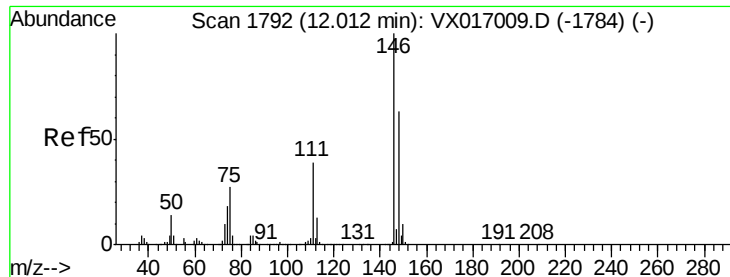


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

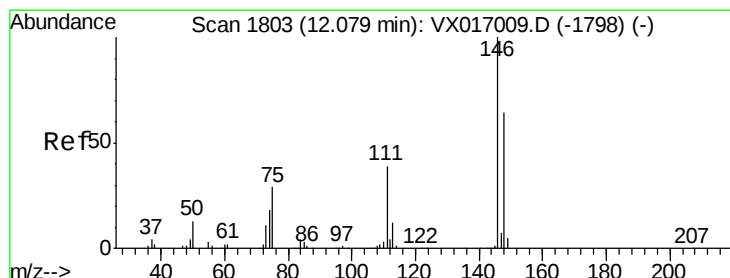
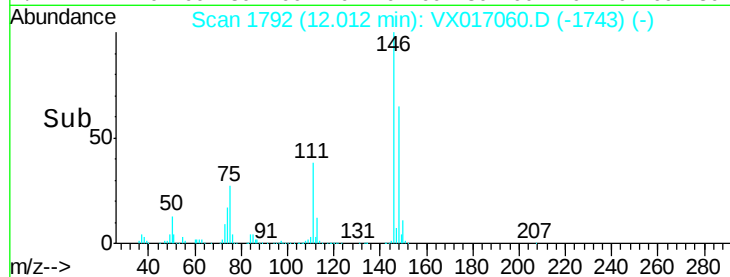
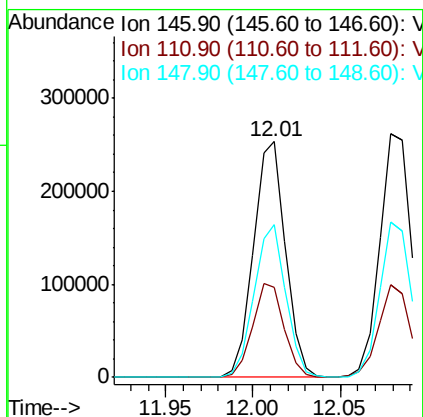
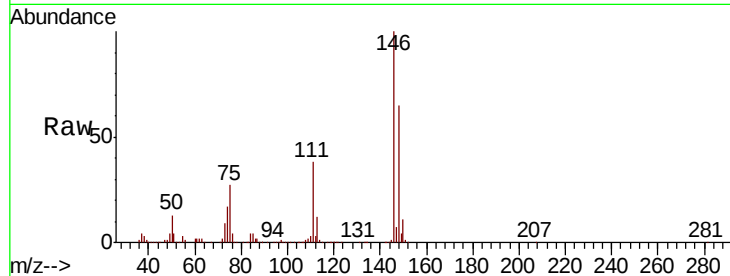




#87
 1,3-Dichlorobenzene
 Concen: 48.690 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

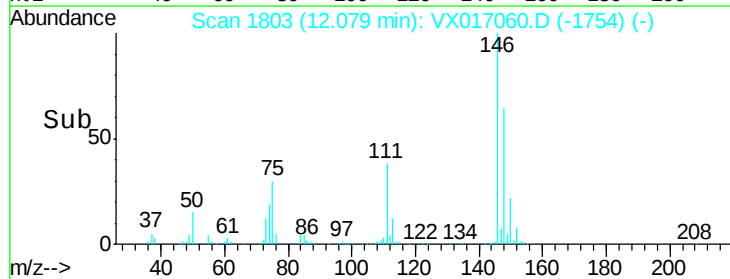
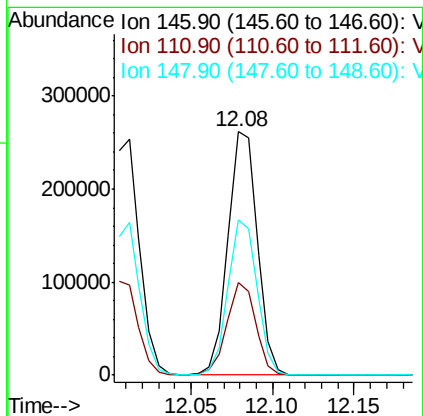
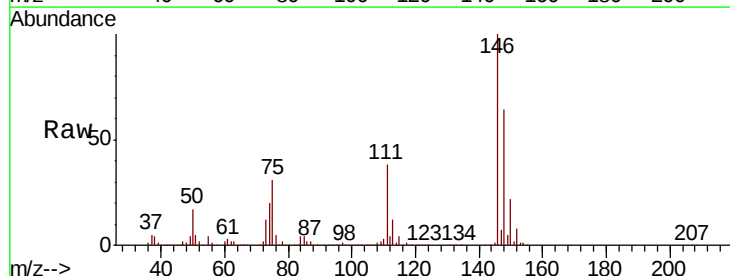
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

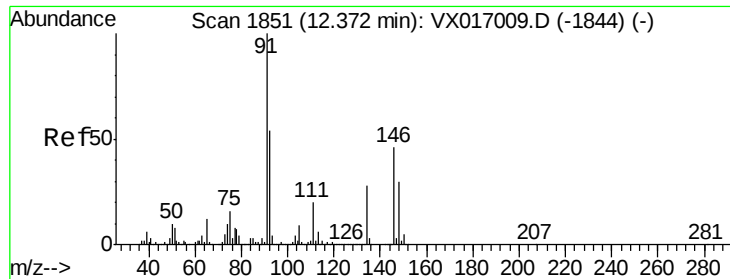
Tot Ion:146 Resp: 321204
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.4 61.2
 148 64.3 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 52.735 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion:146 Resp: 328014
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.5 58.5
 148 63.5 31.9 95.7

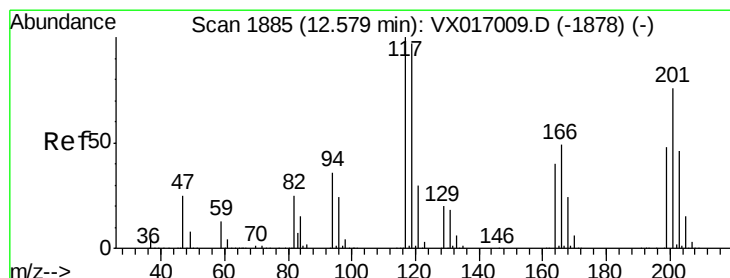
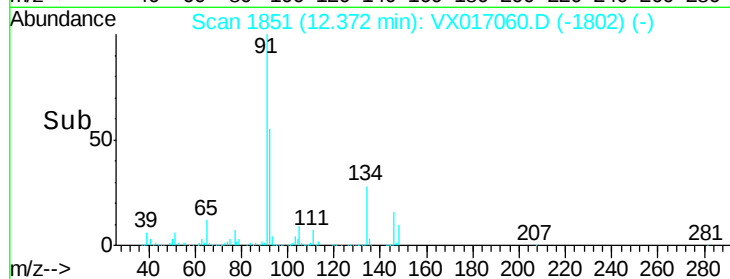
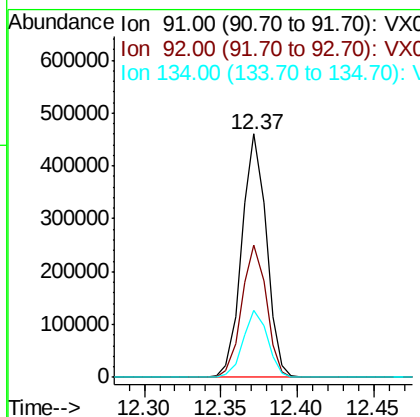
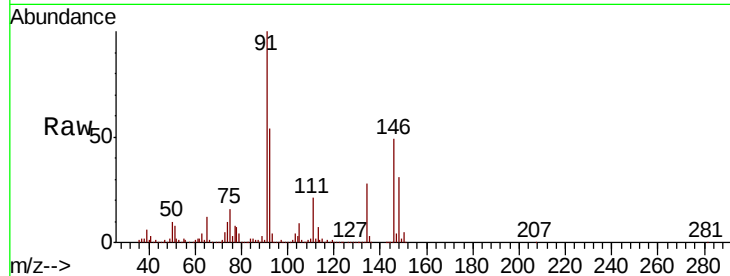




#89
n-Butylbenzene
Concen: 48.819 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

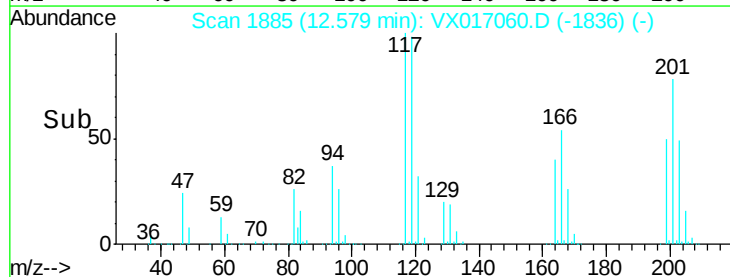
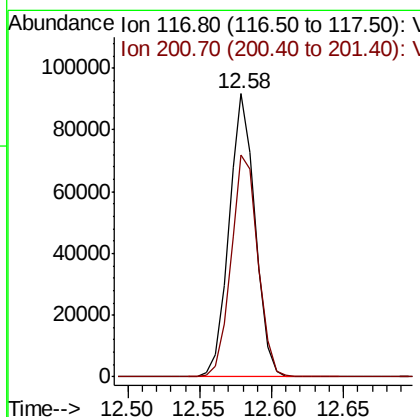
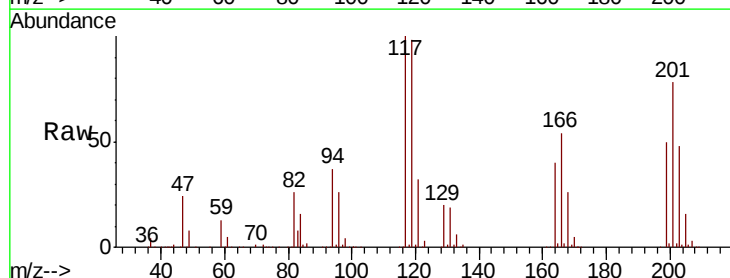
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

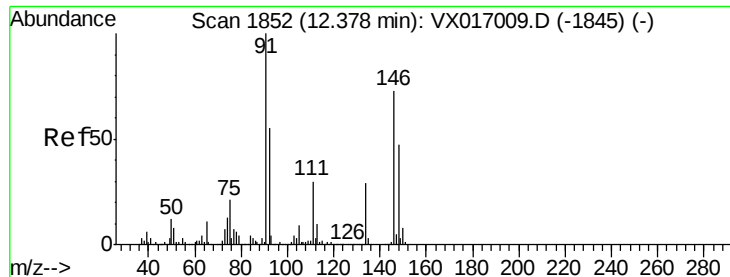
Tot Ion: 91 Resp: 513316
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 49.986 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017060.D
Acq: 30 Jun 2020 21:20

Tgt Ion: 117 Resp: 116078
Ion Ratio Lower Upper
117 100
201 80.3 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 49.662 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

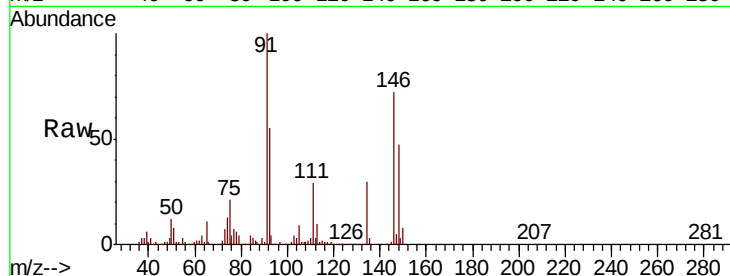
Tot Ion:146 Resp: 306236

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

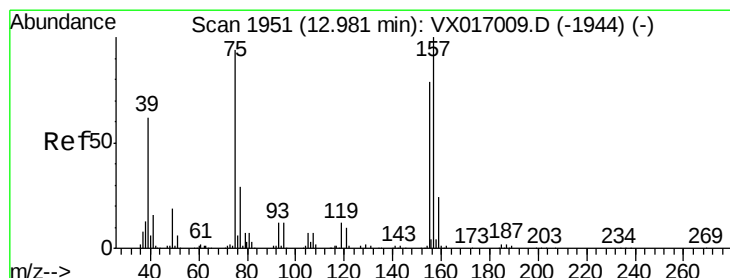
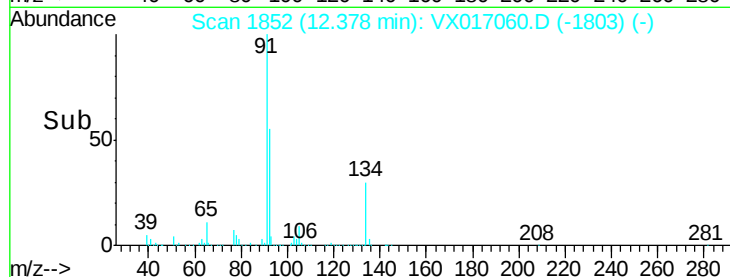
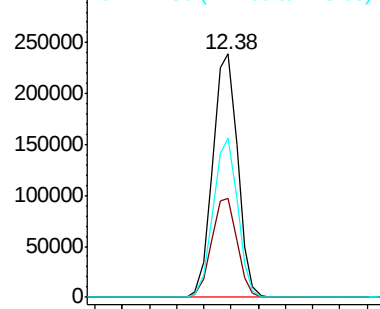
148 64.1 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.871 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

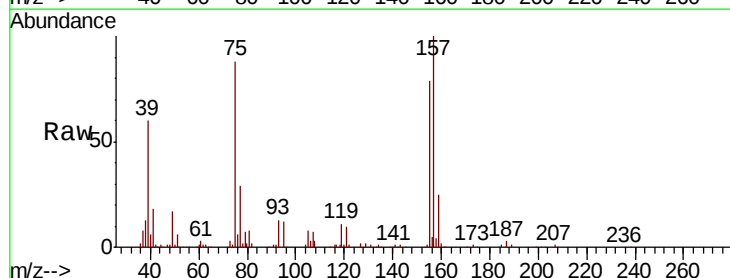
Tgt Ion: 75 Resp: 47475

Ion Ratio Lower Upper

75 100

155 91.3 45.1 135.2

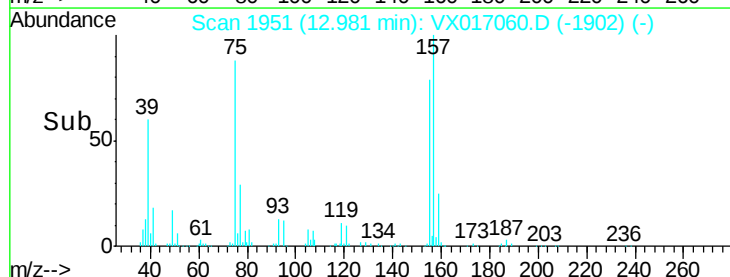
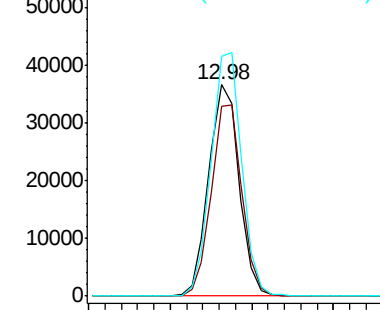
157 116.5 56.5 169.3

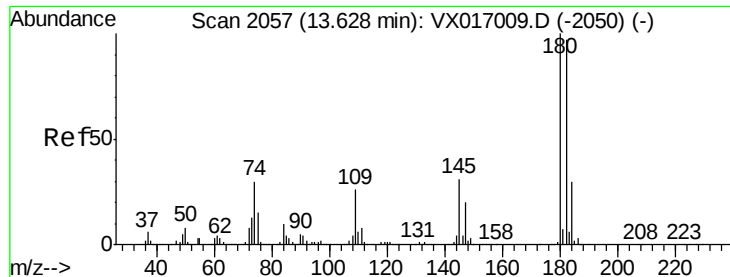


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

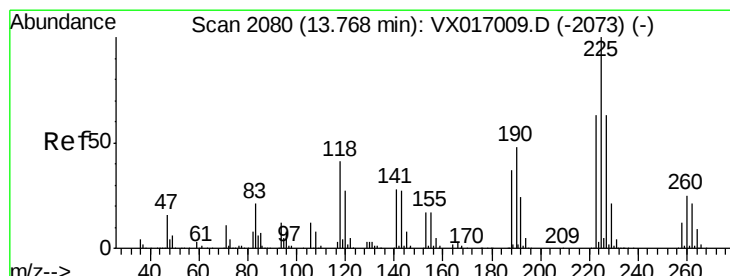
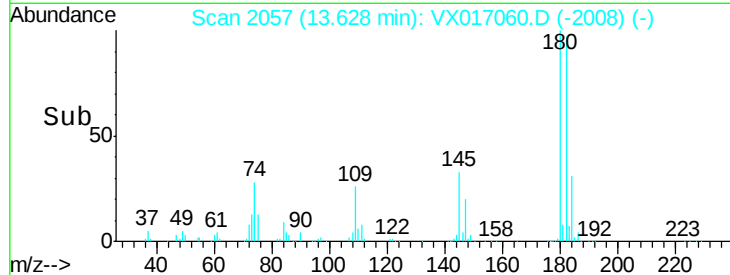
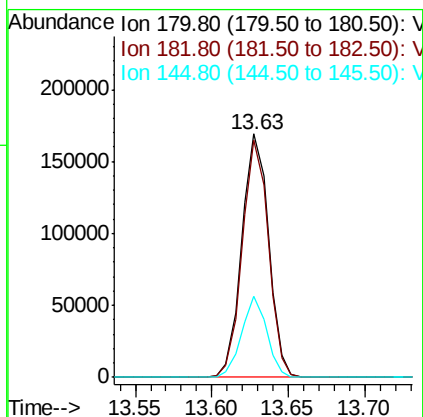
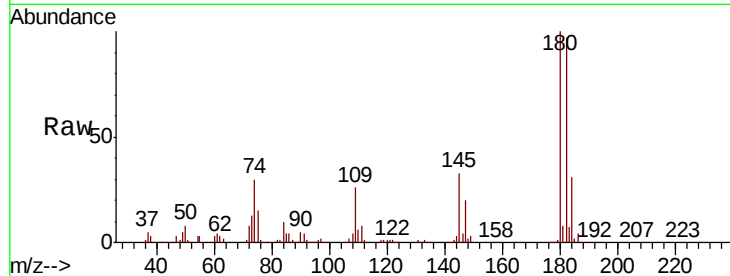




#93
 1,2,4-Trichlorobenzene
 Concen: 48.898 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

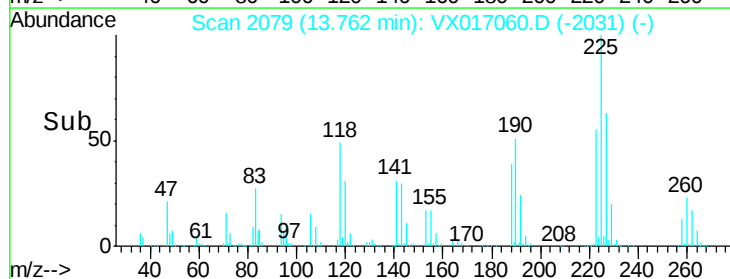
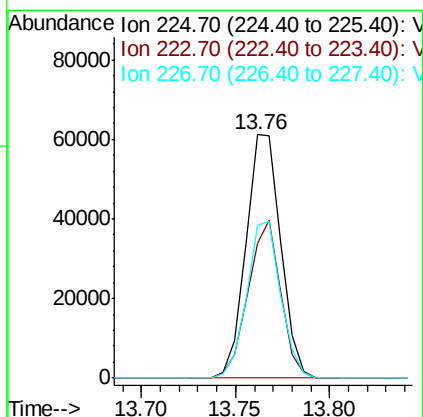
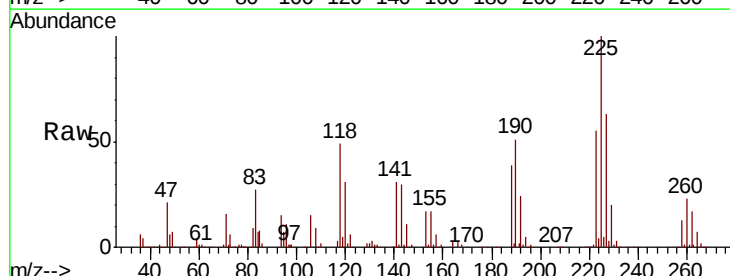
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

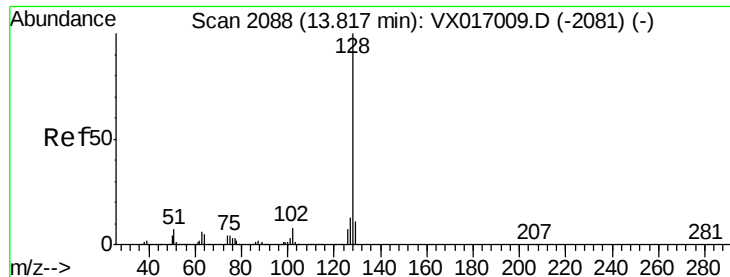
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.9
145	31.1	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 49.050 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017060.D
 Acq: 30 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	32.5	97.5
227	62.6	33.1	99.2





#95

Naphthalene

Concen: 52.350 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

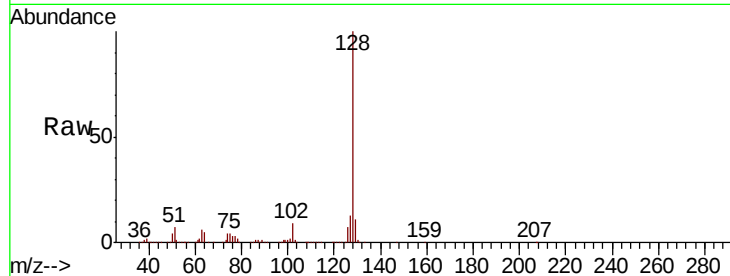
Tot Ion:128 Resp: 669855

Ion Ratio Lower Upper

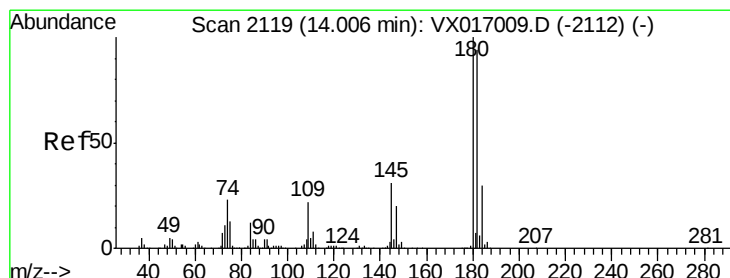
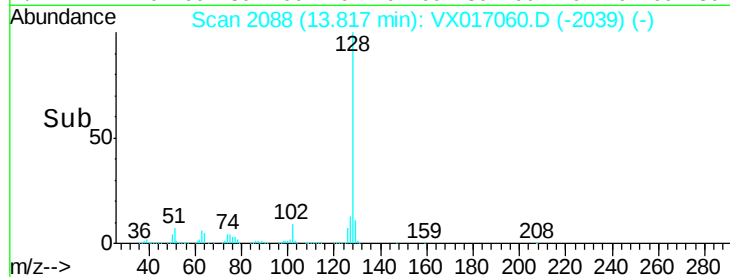
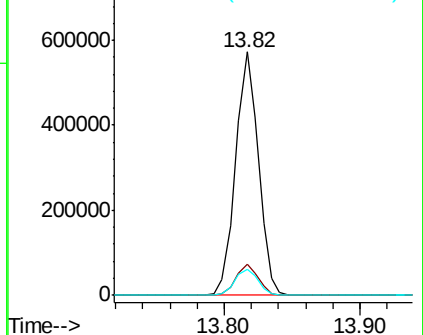
128 100

127 12.8 10.2 15.4

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.807 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017060.D

Acq: 30 Jun 2020 21:20

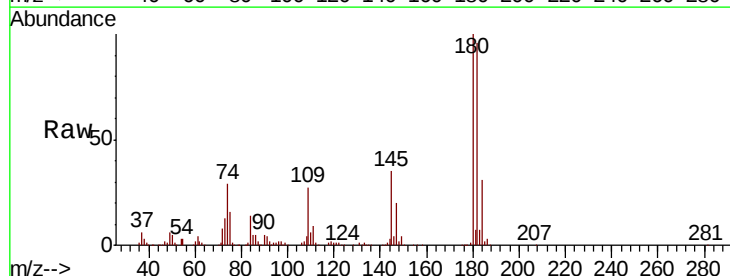
Tgt Ion:180 Resp: 202873

Ion Ratio Lower Upper

180 100

182 96.5 47.1 141.4

145 33.0 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

