

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016516.D
 Acq On : 01 Jun 2020 09:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 02 01:45:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	307171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	468946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216688	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	178728	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
35) Dibromofluoromethane	5.46	113	141866	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	8.70	98	567484	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.12	95	217506	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	157928	52.244	ug/l	98
3) Chloromethane	1.31	50	173119	47.390	ug/l	99
4) Vinyl Chloride	1.39	62	196277	50.807	ug/l	100
5) Bromomethane	1.62	94	94463	50.290	ug/l	99
6) Chloroethane	1.70	64	117399	52.096	ug/l	98
7) Trichlorofluoromethane	1.92	101	266035	52.436	ug/l	99
8) Diethyl Ether	2.17	74	105996	50.103	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150576	53.926	ug/l	99
10) Methyl Iodide	2.49	142	162839	48.885	ug/l	99
11) Tert butyl alcohol	3.01	59	216141	220.958	ug/l	100
12) 1,1-Dichloroethene	2.35	96	152979	51.758	ug/l	97
13) Acrolein	2.27	56	107724	258.881	ug/l	98
14) Allyl chloride	2.70	41	270696	49.801	ug/l	99
15) Acrylonitrile	3.11	53	479779	239.437	ug/l	99
16) Acetone	2.42	43	398072	238.182	ug/l	100
17) Carbon Disulfide	2.55	76	440604	50.199	ug/l	100
18) Methyl Acetate	2.75	43	208472	48.634	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	549134	51.740	ug/l	99
20) Methylene Chloride	2.83	84	168542	48.742	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	167292	51.171	ug/l	93
22) Diisopropyl ether	3.82	45	531523	50.903	ug/l	94
23) Vinyl Acetate	3.78	43	2324339	254.307	ug/l	98
24) 1,1-Dichloroethane	3.67	63	297851	50.538	ug/l	99
25) 2-Butanone	4.63	43	635187	224.294	ug/l	98
26) 2,2-Dichloropropane	4.54	77	275630	57.154	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	189054	49.986	ug/l	98
28) Bromochloromethane	4.98	49	130156	47.524	ug/l	96
29) Tetrahydrofuran	5.08	42	434310	237.384	ug/l	99
30) Chloroform	5.17	83	299966	50.513	ug/l	100
31) Cyclohexane	5.54	56	266299	50.225	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	274516	51.060	ug/l	99
36) 1,1-Dichloropropene	5.76	75	234301	52.770	ug/l	99
37) Ethyl Acetate	4.79	43	255387	47.909	ug/l	99
38) Carbon Tetrachloride	5.75	117	249923	53.562	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	267664	55.502	ug/l	99
40) Benzene	6.11	78	693013	52.413	ug/l	100
41) Methacrylonitrile	5.00	41	140496	47.983	ug/l	99
42) 1,2-Dichloroethane	6.16	62	240184	51.080	ug/l	99
43) Isopropyl Acetate	6.40	43	411598	49.502	ug/l	98
44) Trichloroethene	7.18	130	230294	54.896	ug/l	95
45) 1,2-Dichloropropane	7.49	63	175564	52.157	ug/l	97
46) Dibromomethane	7.63	93	115806	51.221	ug/l	99
47) Bromodichloromethane	7.87	83	246485	52.653	ug/l	99
48) Methyl methacrylate	7.74	41	198734	49.919	ug/l	97
49) 1,4-Dioxane	7.71	88	88021	944.748	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1286072	248.405	ug/l	99
52) Toluene	8.76	92	448339	53.772	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	291641	54.787	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	308338	54.724	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	173270	52.267	ug/l	97
56) Ethyl methacrylate	9.16	69	289634	53.645	ug/l	98
57) 1,3-Dichloropropane	9.35	76	299984	52.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	742955	263.635	ug/l	99
59) 2-Hexanone	9.47	43	1020947	253.577	ug/l	99
60) Dibromochloromethane	9.57	129	200001	53.609	ug/l	99
61) 1,2-Dibromoethane	9.65	107	186324	52.485	ug/l	100
64) Tetrachloroethene	9.32	164	271910	55.898	ug/l	97
65) Chlorobenzene	10.12	112	475328	53.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	180098	53.226	ug/l	98
67) Ethyl Benzene	10.23	91	852684	54.029	ug/l	99
68) m/p-Xylenes	10.34	106	646543	110.492	ug/l	100
69) o-Xylene	10.68	106	305447	53.900	ug/l	98
70) Styrene	10.69	104	536987	55.129	ug/l	100
71) Bromoform	10.84	173	155352	54.325	ug/l #	99
73) Isopropylbenzene	11.00	105	822388	54.775	ug/l	100
74) N-amyl acetate	10.88	43	357927	51.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	177531	47.181	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	335281	70.394	ug/l	84
77) Bromobenzene	11.24	156	211622	53.740	ug/l	98
78) n-propylbenzene	11.34	91	927818	55.314	ug/l	100
79) 2-Chlorotoluene	11.40	91	561572	54.848	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	699647	55.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	103974	53.698	ug/l #	88
82) 4-Chlorotoluene	11.49	91	662333	54.780	ug/l	100
83) tert-Butylbenzene	11.76	119	585804	54.688	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	701095	55.299	ug/l	100
85) sec-Butylbenzene	11.93	105	750078	55.820	ug/l	100
86) p-Isopropyltoluene	12.05	119	714607	56.771	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	365851	53.626	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	379456	54.383	ug/l	99
89) n-Butylbenzene	12.37	91	616047	58.758	ug/l	99
90) Hexachloroethane	12.58	117	119133	54.794	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	351359	53.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60577	49.702	ug/l	98

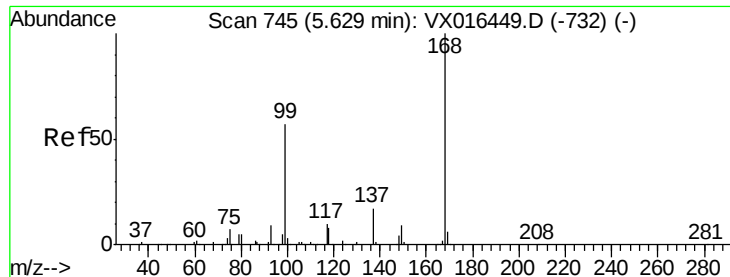
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
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Acq On : 01 Jun 2020 09:51
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QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	248126	56.524	ug/l	99
94) Hexachlorobutadiene	13.77	225	109684	63.639	ug/l	95
95) Naphthalene	13.82	128	814714	54.139	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	242469	56.380	ug/l	97

(#) = 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. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

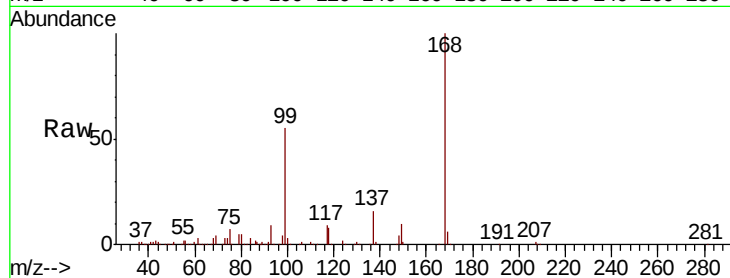
VSTDCCC050

Tot Ion:168 Resp: 307171

Ion Ratio Lower Upper

168 100

99 54.6 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

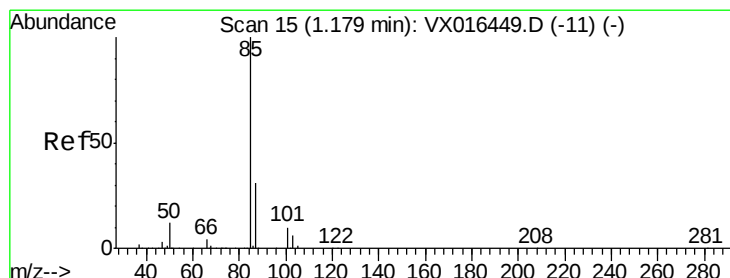
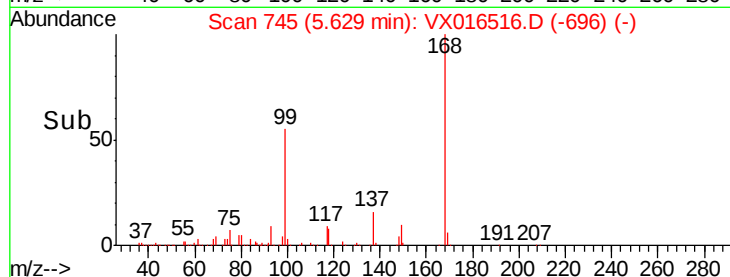
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.244 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016516.D

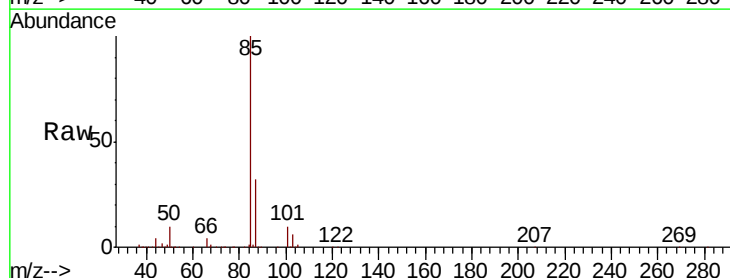
Acq: 01 Jun 2020 09:51

Tgt Ion: 85 Resp: 157928

Ion Ratio Lower Upper

85 100

87 31.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

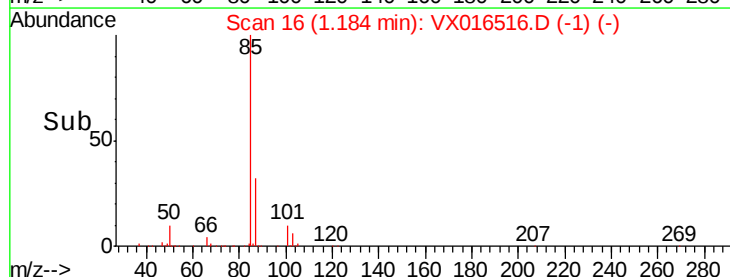
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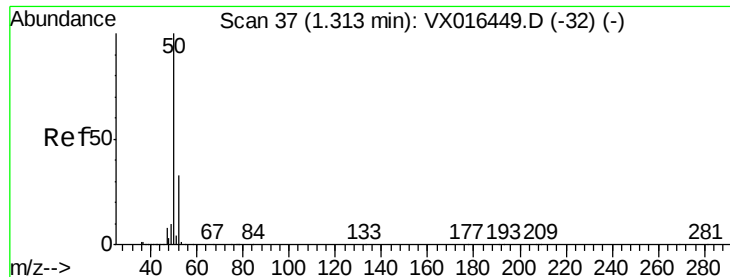
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.390 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

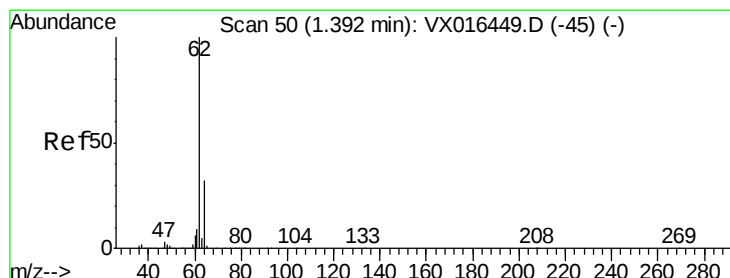
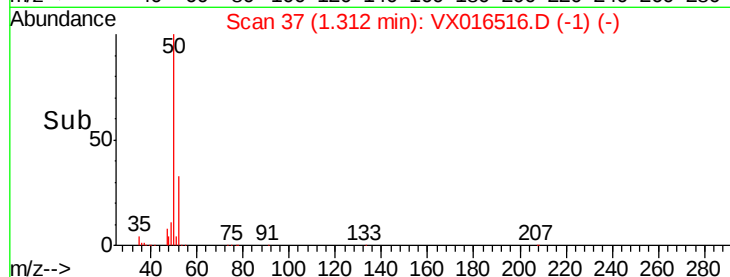
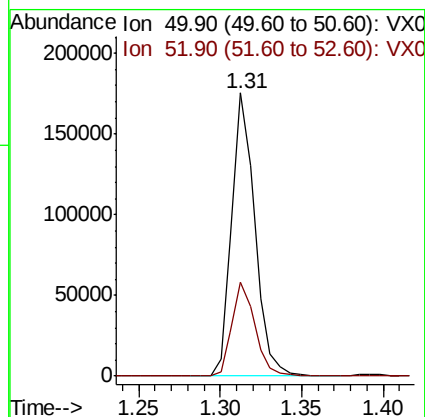
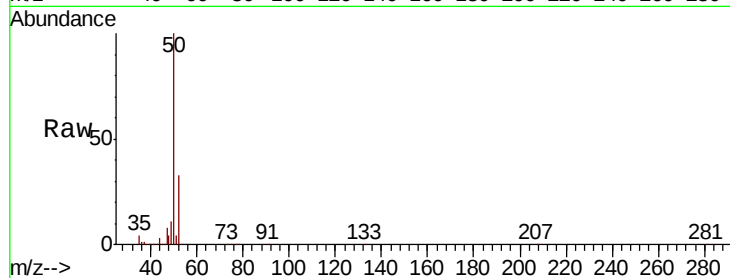
VSTDCCC050

Tot Ion: 50 Resp: 173119

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 50.807 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016516.D

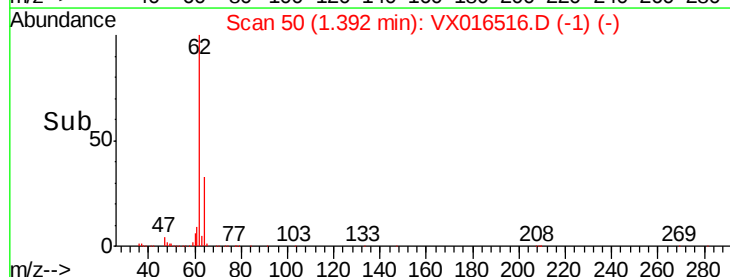
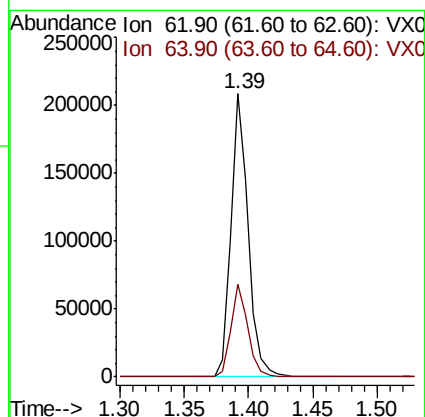
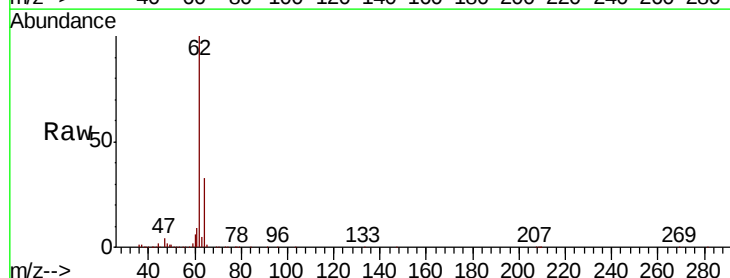
Acq: 01 Jun 2020 09:51

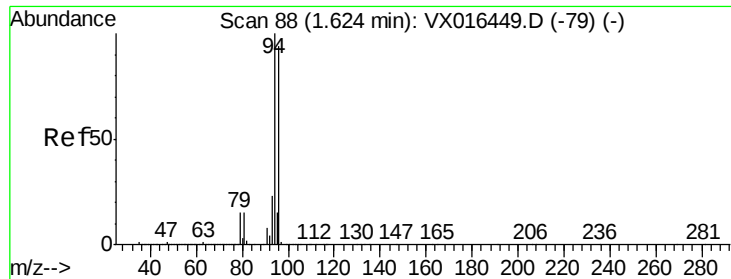
Tgt Ion: 62 Resp: 196277

Ion Ratio Lower Upper

62 100

64 32.5 25.9 38.9





#5

Bromomethane

Concen: 50.290 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

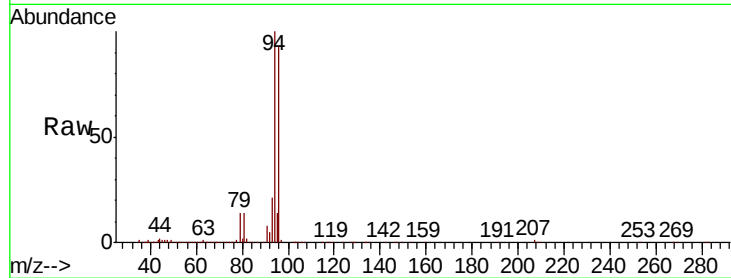
VSTDCCC050

Tot Ion: 94 Resp: 94463

Ion Ratio Lower Upper

94 100

96 93.1 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

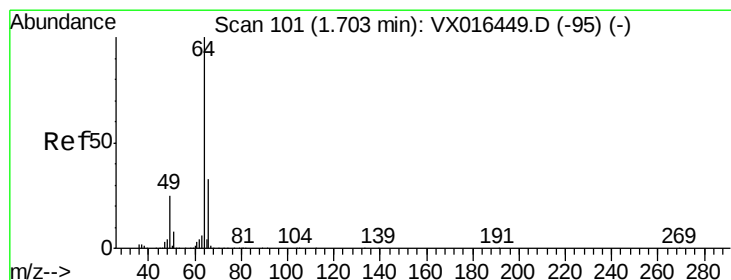
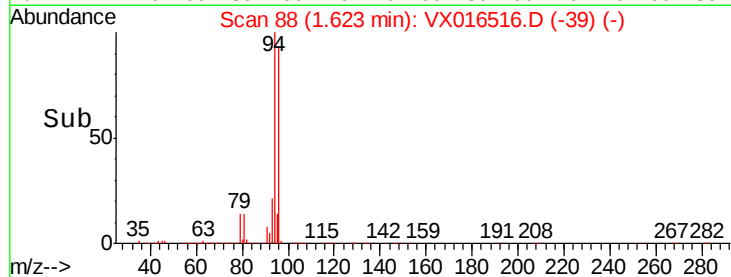
60000

40000

20000

0

Time--> 1.55 1.60 1.65



#6

Chloroethane

Concen: 52.096 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016516.D

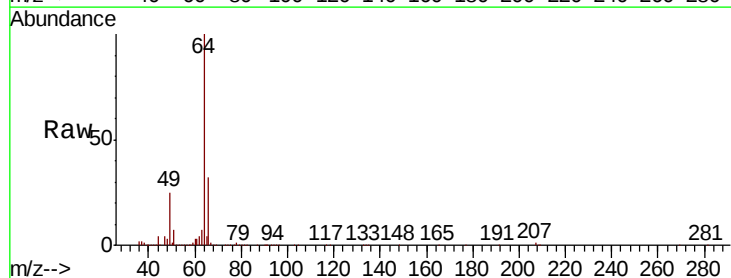
Acq: 01 Jun 2020 09:51

Tgt Ion: 64 Resp: 117399

Ion Ratio Lower Upper

64 100

66 32.3 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

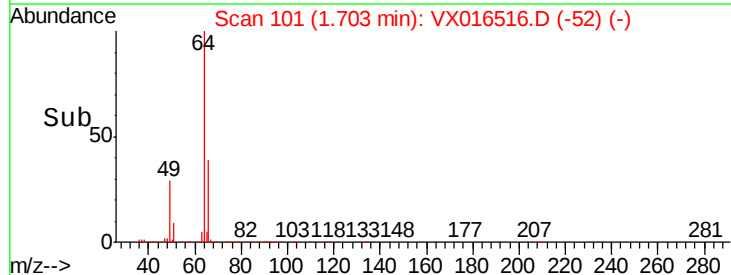
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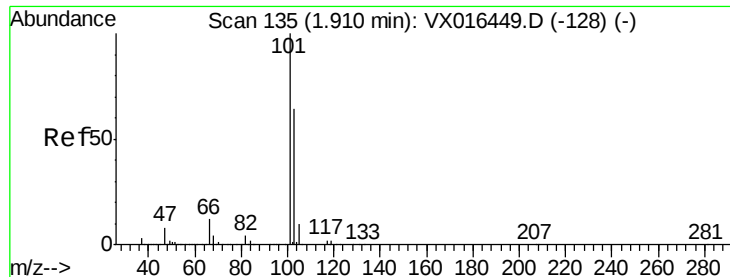
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20000

0

Time--> 1.65 1.70 1.75 1.80



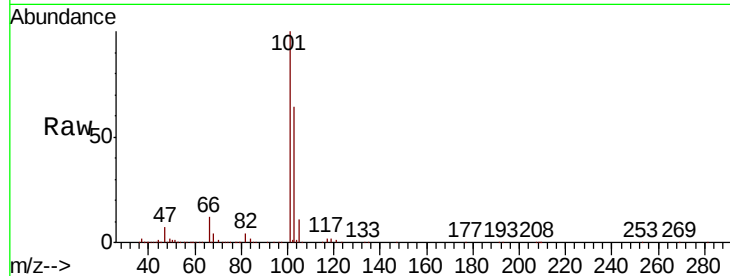


#7

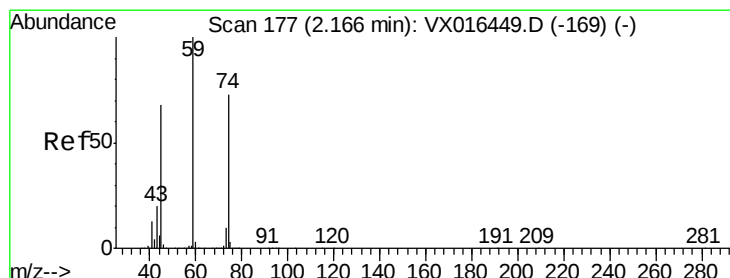
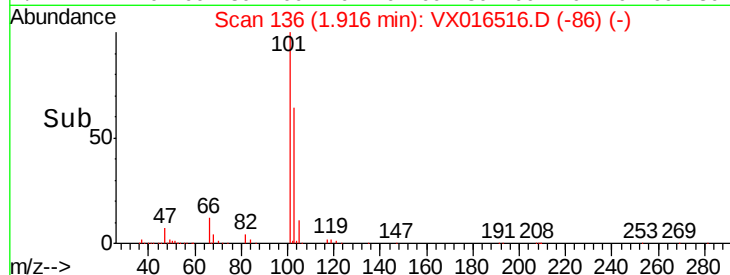
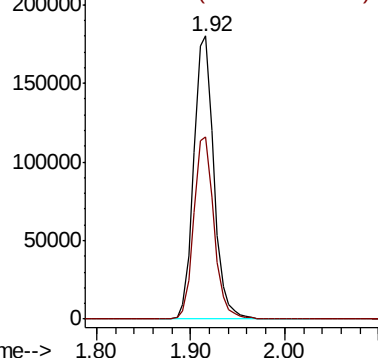
Trichlorofluoromethane
 Concen: 52.436 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 266035
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.9 76.3



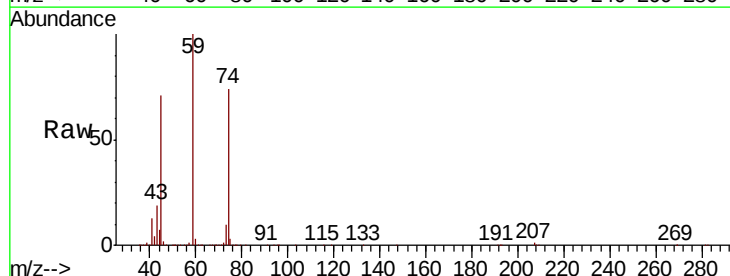
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



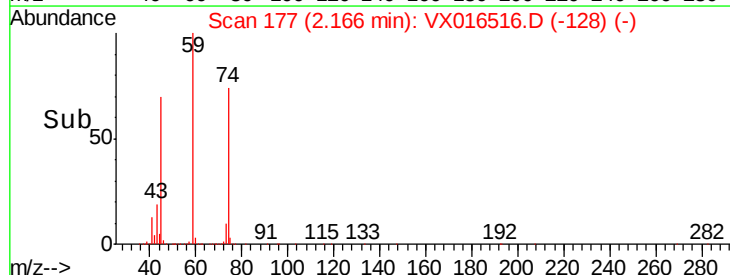
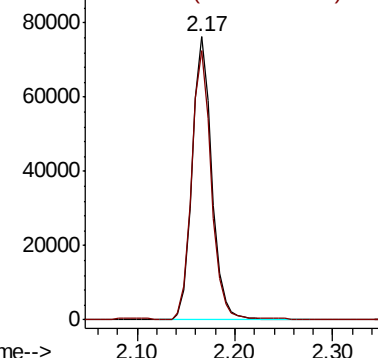
#8

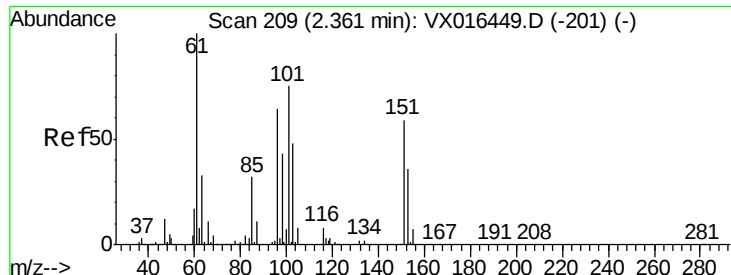
Diethyl Ether
 Concen: 50.103 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion: 74 Resp: 105996
 Ion Ratio Lower Upper
 74 100
 45 94.4 47.5 142.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.926 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

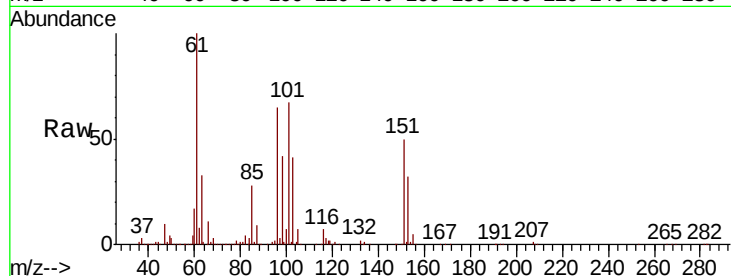
Tot Ion:101 Resp: 150576

Ion Ratio Lower Upper

101 100

85 41.7 34.4 51.6

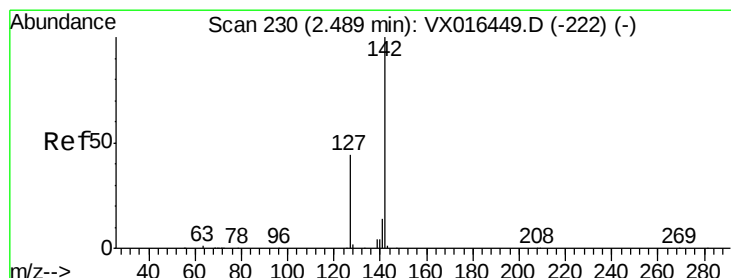
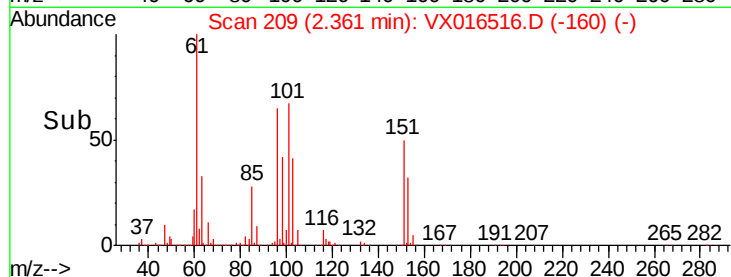
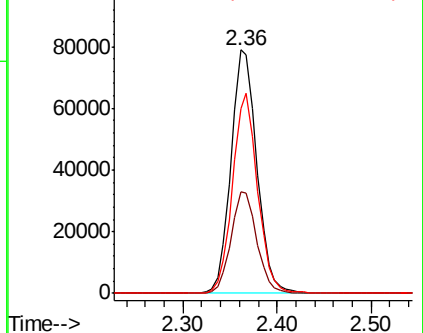
151 79.4 63.8 95.6



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: 48.885 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

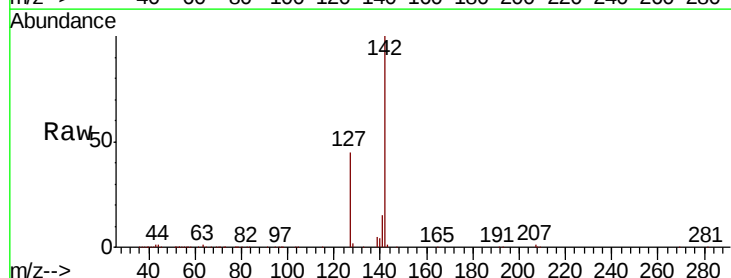
Tgt Ion:142 Resp: 162839

Ion Ratio Lower Upper

142 100

127 43.9 35.3 52.9

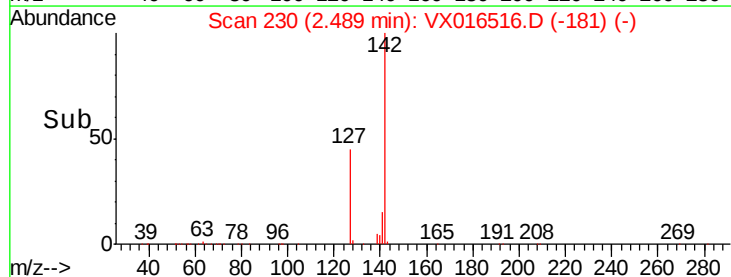
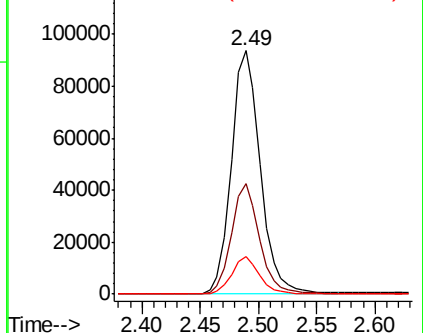
141 14.7 11.4 17.2

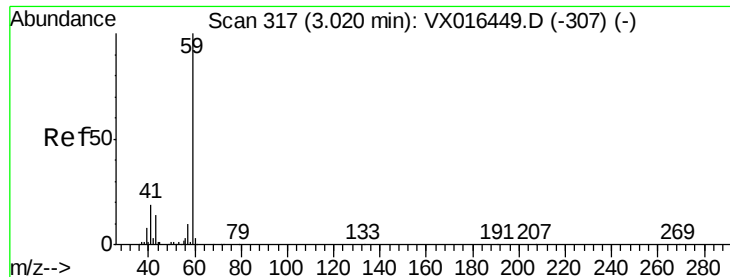


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



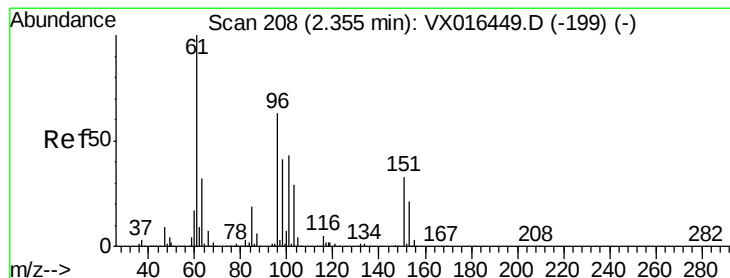
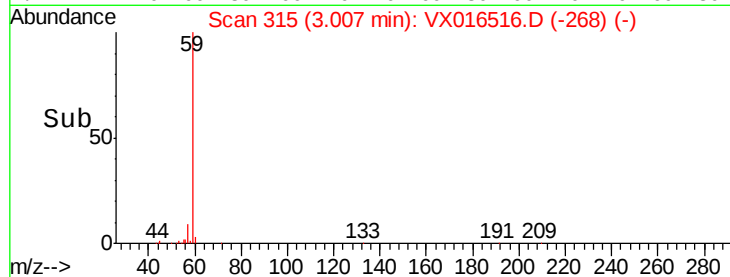
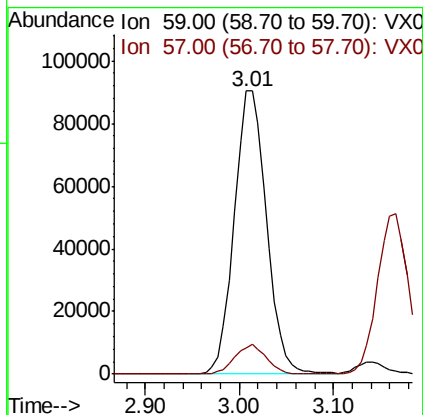
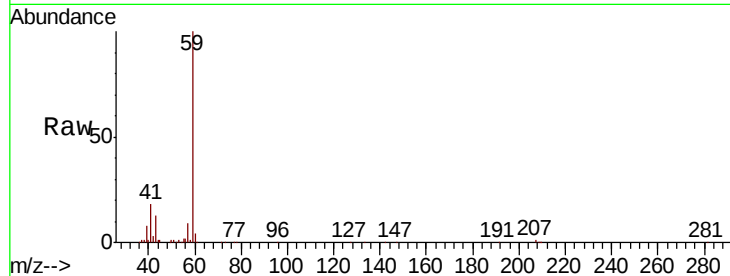


#11

Tert butyl alcohol
 Concen: 220.958 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

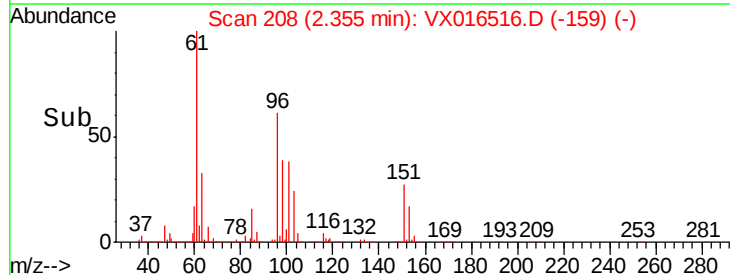
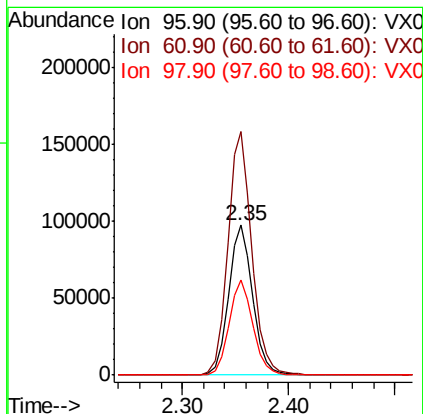
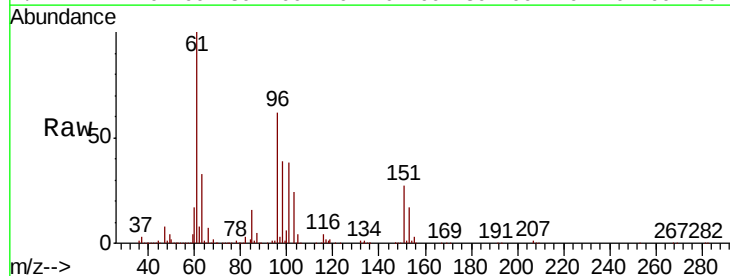
Tot Ion: 59 Resp: 216141
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

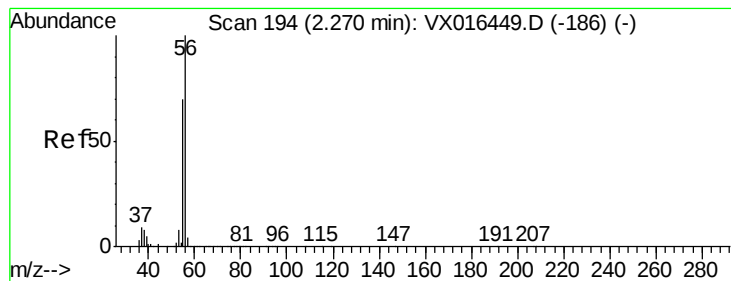


#12

1,1-Dichloroethene
 Concen: 51.758 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion: 96 Resp: 152979
 Ion Ratio Lower Upper
 96 100
 61 162.6 126.6 189.8
 98 63.2 51.3 76.9





#13

Acrolein

Concen: 258.881 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

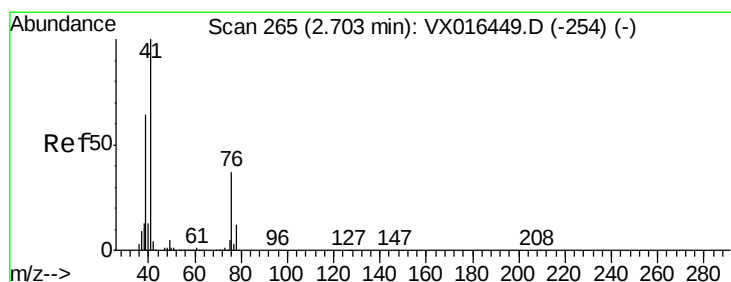
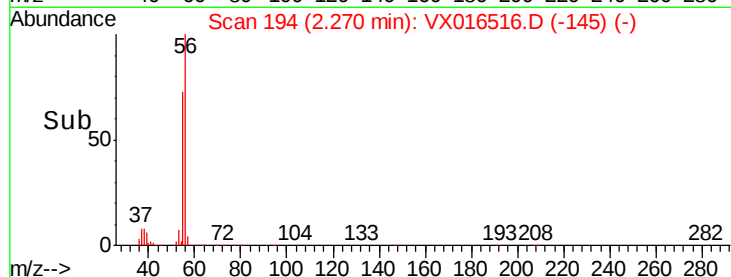
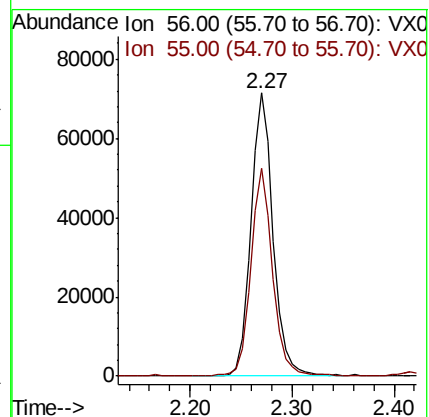
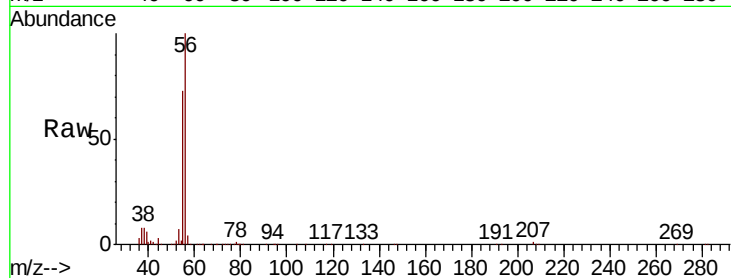
VSTDCCC050

Tot Ion: 56 Resp: 107724

Ion Ratio Lower Upper

56 100

55 71.2 58.3 87.5



#14

Allyl chloride

Concen: 49.801 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

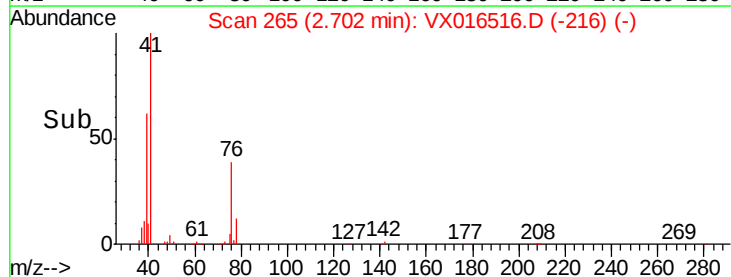
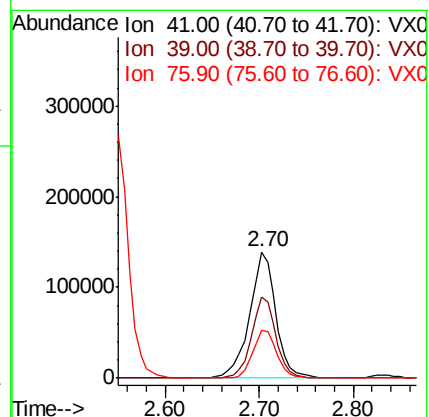
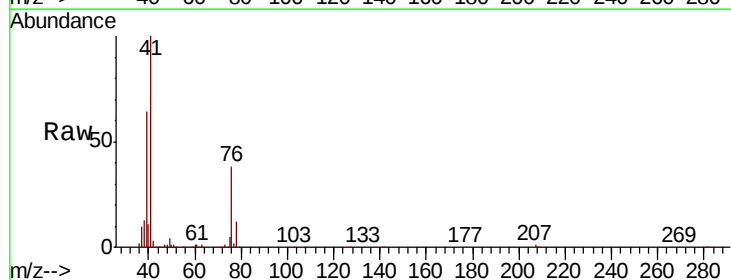
Tgt Ion: 41 Resp: 270696

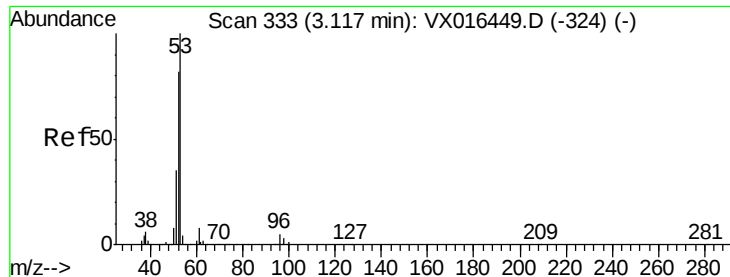
Ion Ratio Lower Upper

41 100

39 59.7 47.7 71.5

76 35.0 26.6 40.0





#15

Acrylonitrile

Concen: 239.437 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

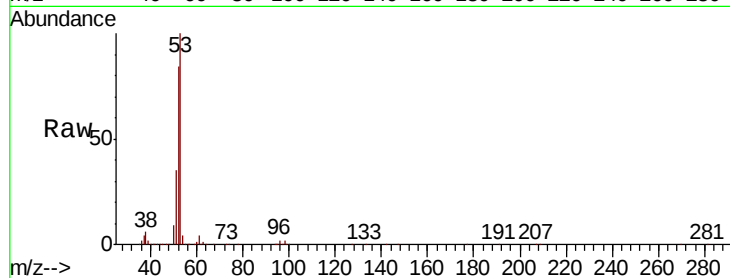
Tot Ion: 53 Resp: 479779

Ion Ratio Lower Upper

53 100

52 82.6 66.7 100.1

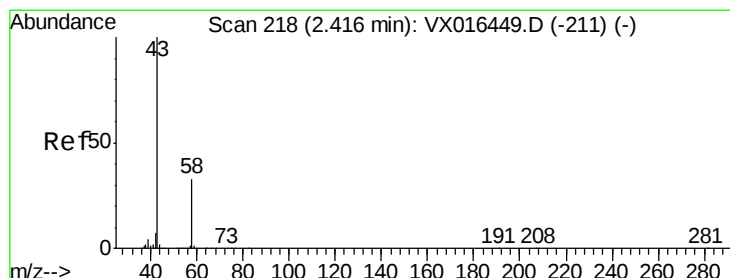
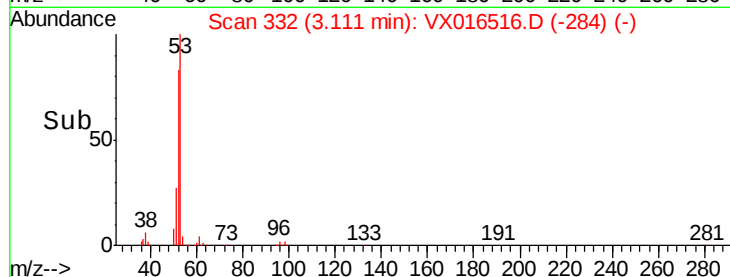
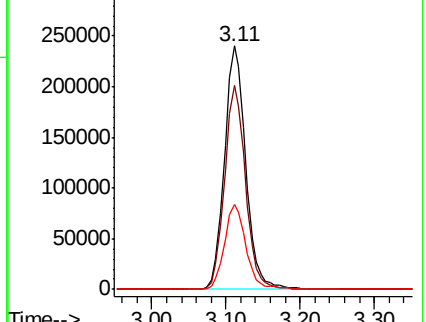
51 35.2 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 238.182 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016516.D

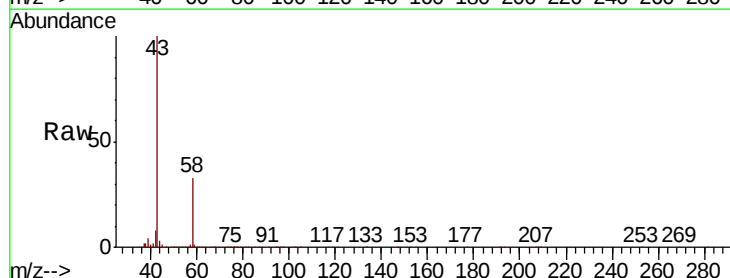
Acq: 01 Jun 2020 09:51

Tgt Ion: 43 Resp: 398072

Ion Ratio Lower Upper

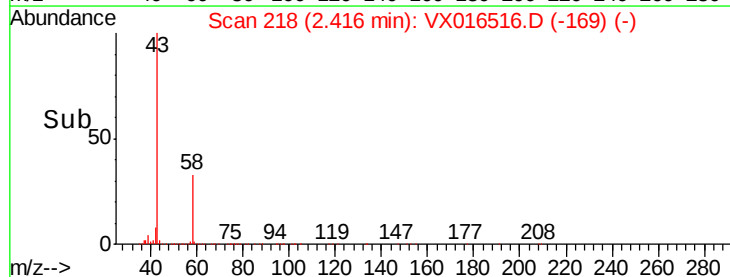
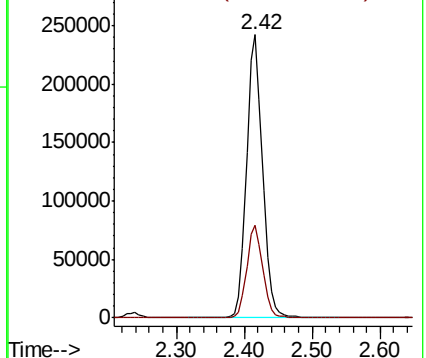
43 100

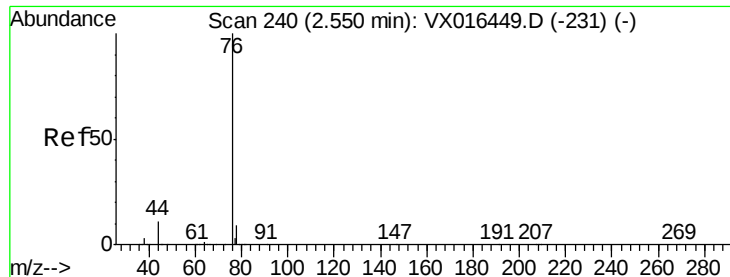
58 32.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

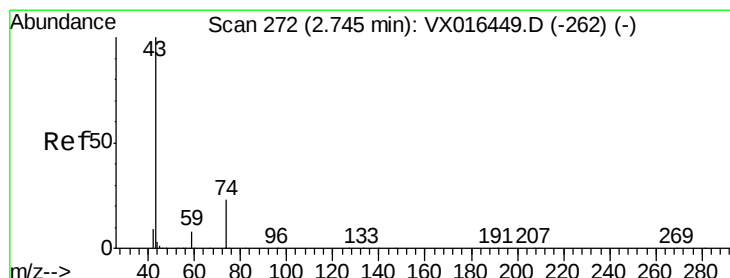
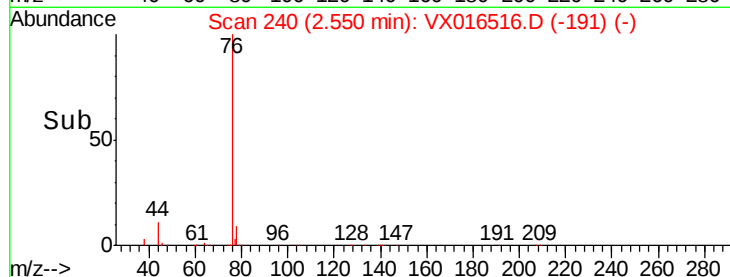
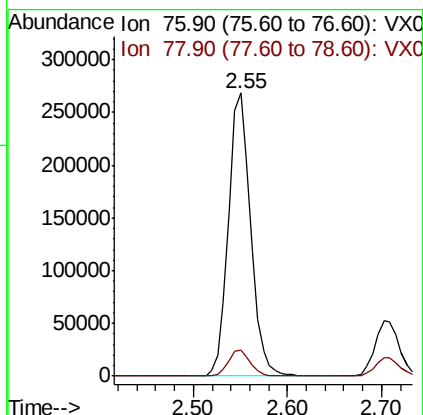
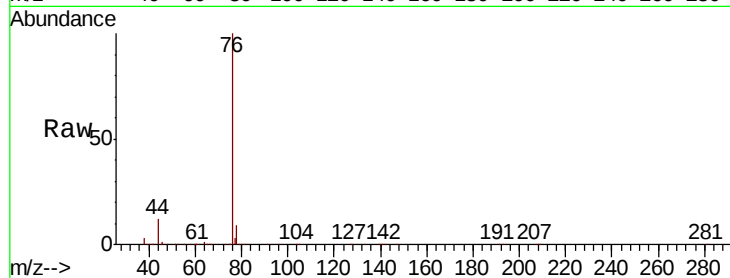




#17
Carbon Disulfide
Concen: 50.199 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

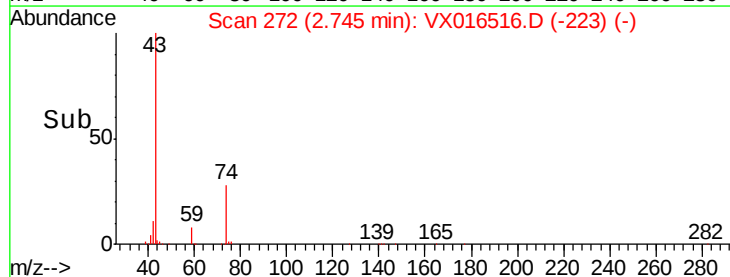
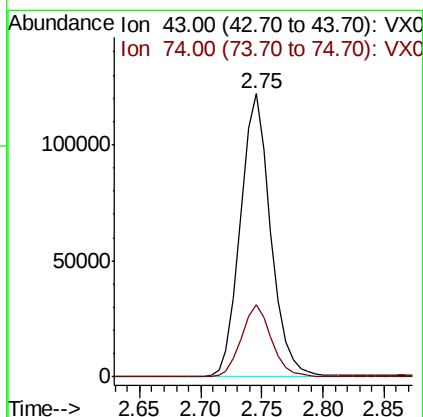
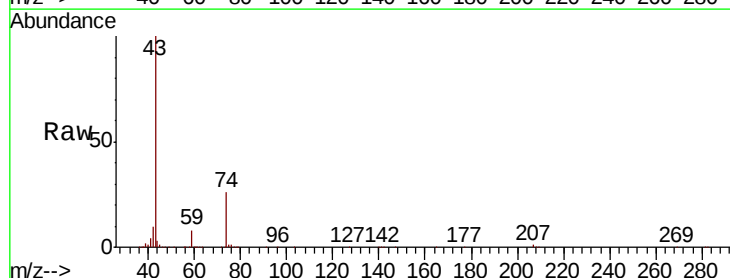
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

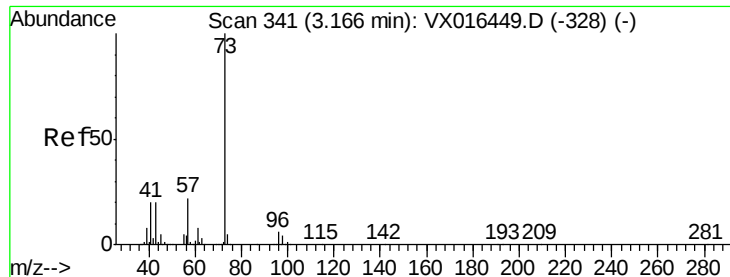
Tot Ion: 76 Resp: 440604
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 48.634 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 43 Resp: 208472
Ion Ratio Lower Upper
43 100
74 25.9 19.7 29.5



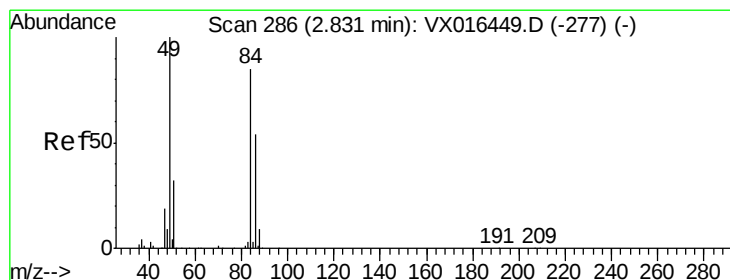
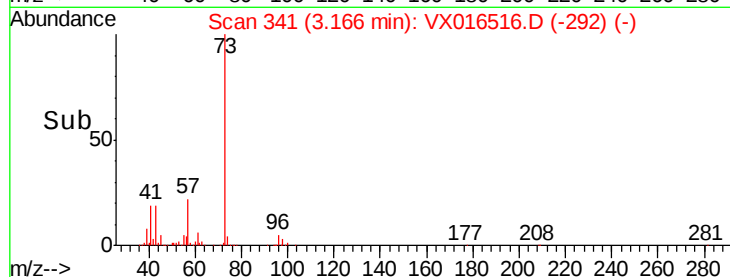
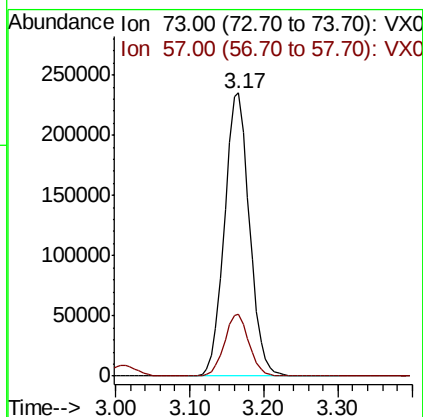
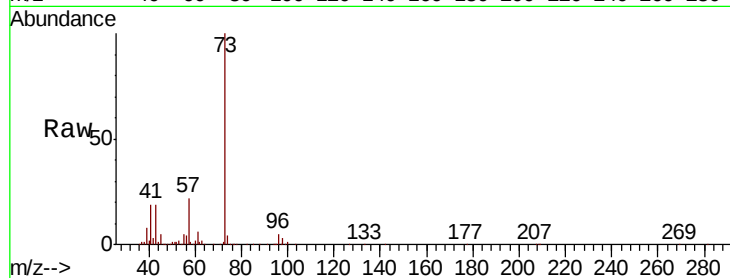


#19

Methyl tert-butyl Ether
 Concen: 51.740 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

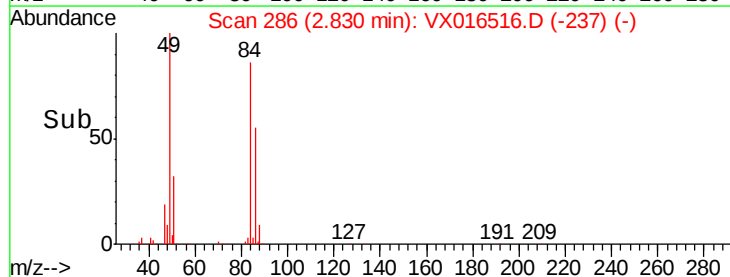
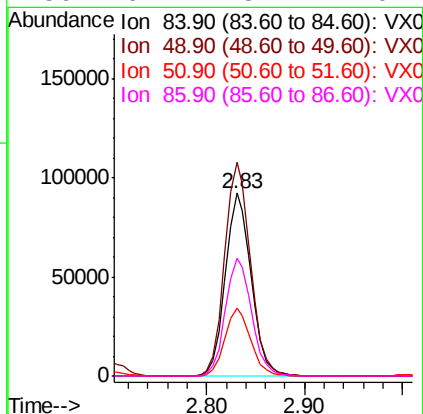
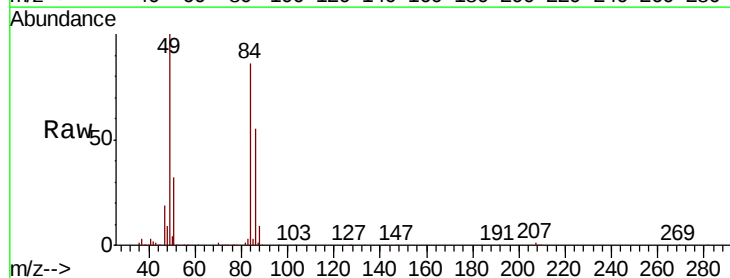
Tot Ion: 73 Resp: 549134
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.6

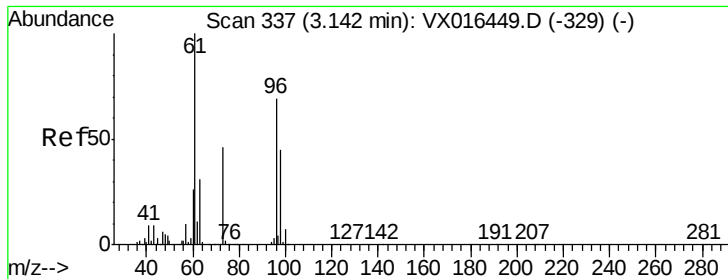


#20

Methylene Chloride
 Concen: 48.742 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion: 84 Resp: 168542
 Ion Ratio Lower Upper
 84 100
 49 116.7 94.5 141.7
 51 37.2 30.2 45.4
 86 64.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.171 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

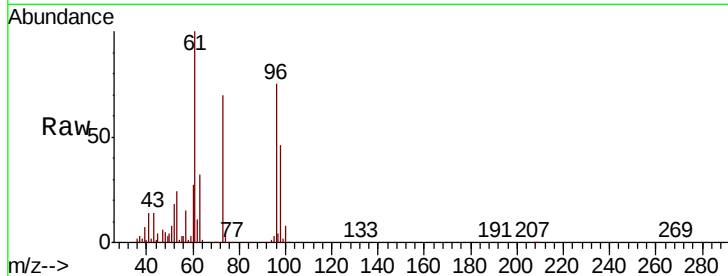
Tot Ion: 96 Resp: 167292

Ion Ratio Lower Upper

96 100

61 133.0 115.3 172.9

98 61.8 51.9 77.9

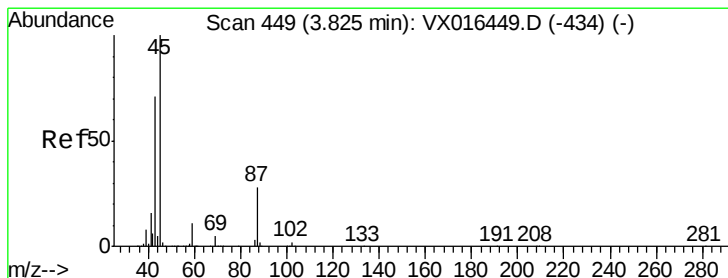
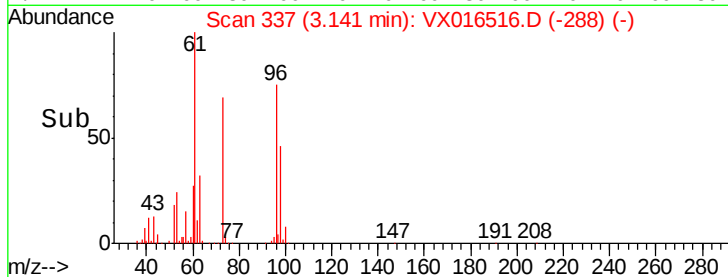
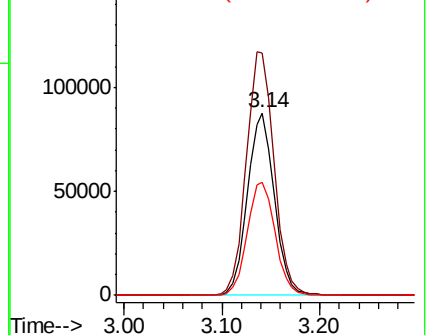


Abundance

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: 50.903 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion: 45 Resp: 531523

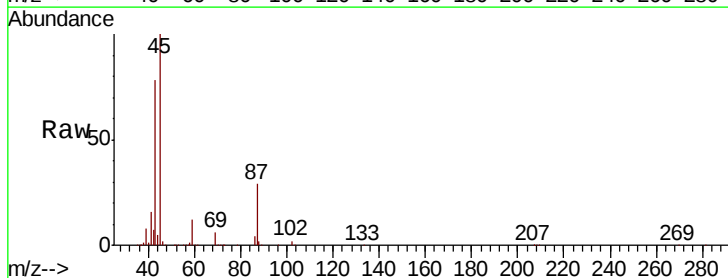
Ion Ratio Lower Upper

45 100

43 78.1 57.0 85.6

87 29.0 22.5 33.7

59 12.1 9.1 13.7



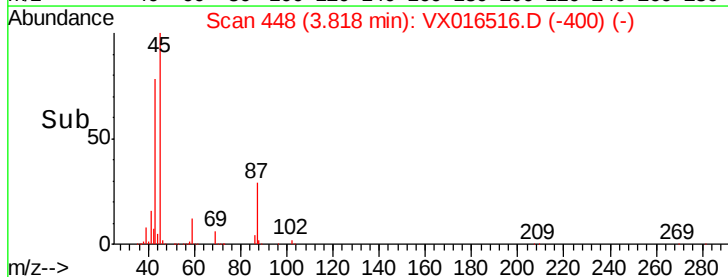
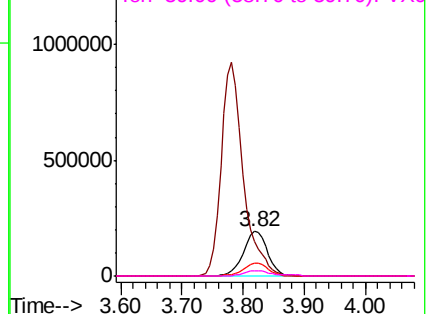
Abundance

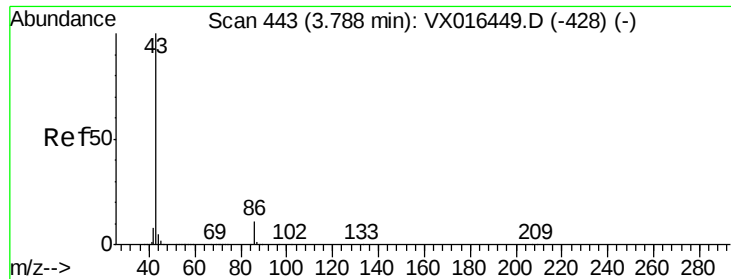
Ion 45.00 (44.70 to 45.70): VX0

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: 254.307 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

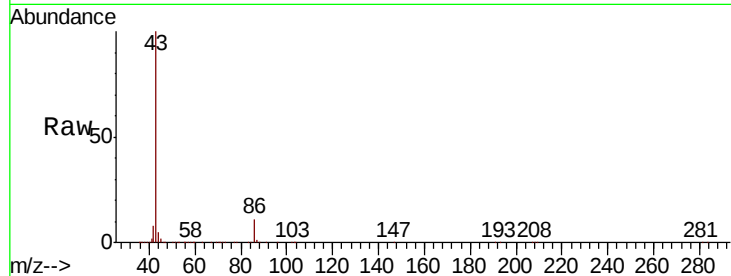
VSTDCCC050

Tot Ion: 43 Resp: 2324339

Ion Ratio Lower Upper

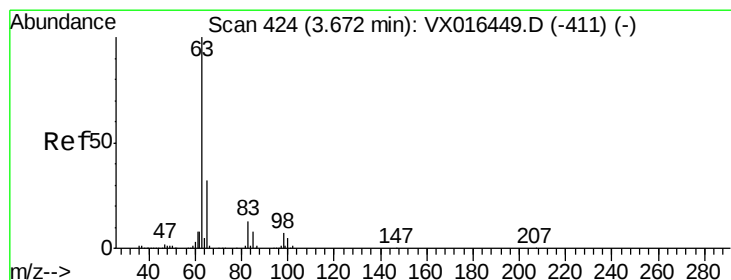
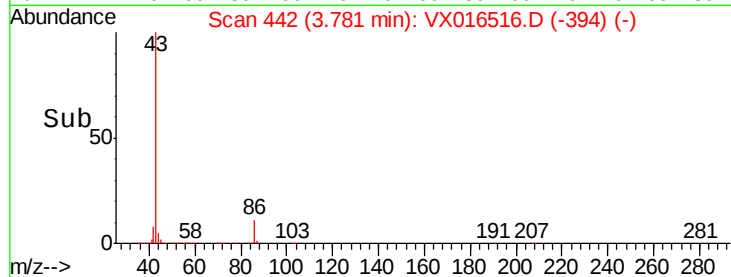
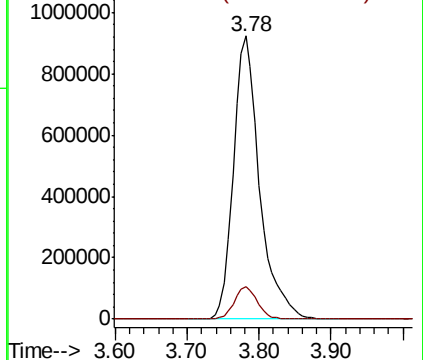
43 100

86 11.4 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: 50.538 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

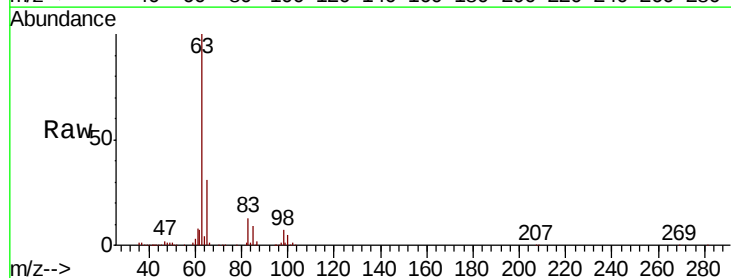
Tgt Ion: 63 Resp: 297851

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

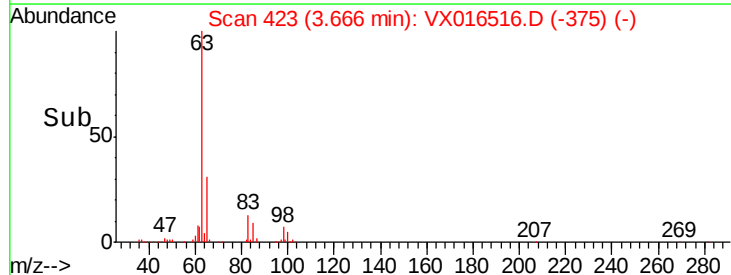
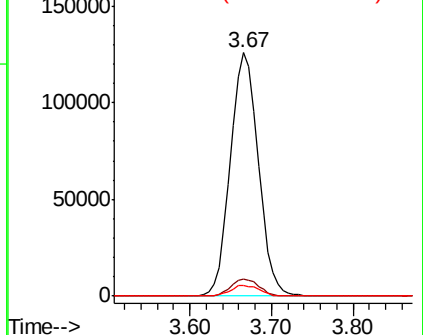
100 4.6 2.4 7.1

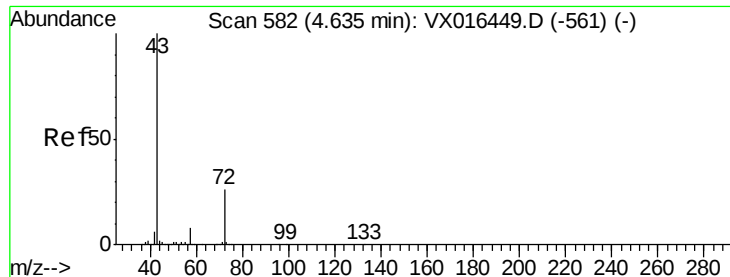


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 224.294 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

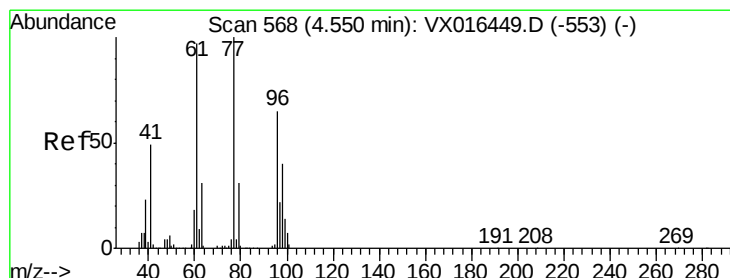
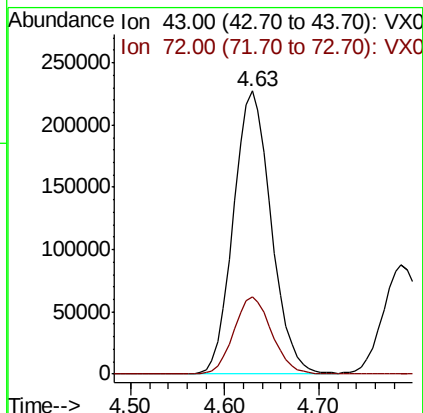
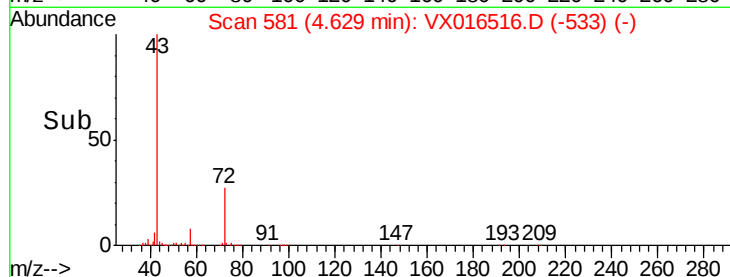
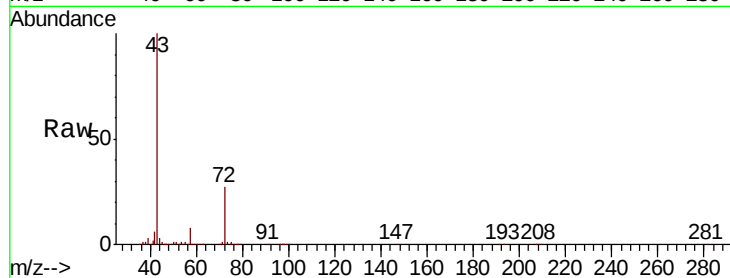
VSTDCCC050

Tot Ion: 43 Resp: 635187

Ion Ratio Lower Upper

43 100

72 27.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 57.154 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016516.D

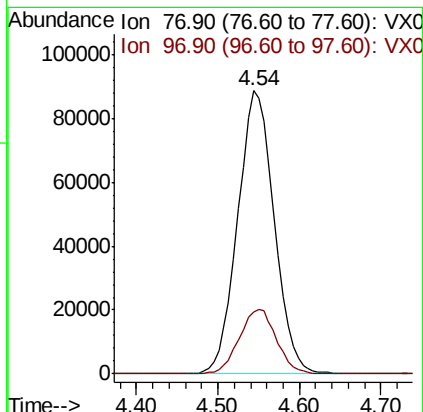
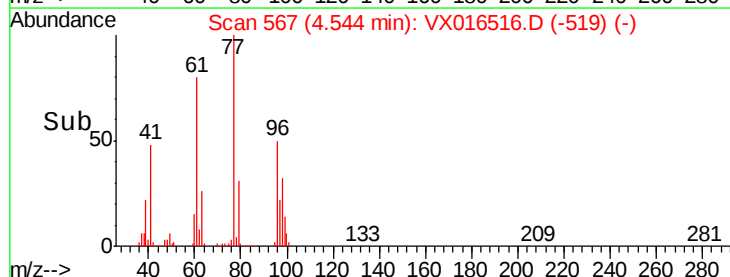
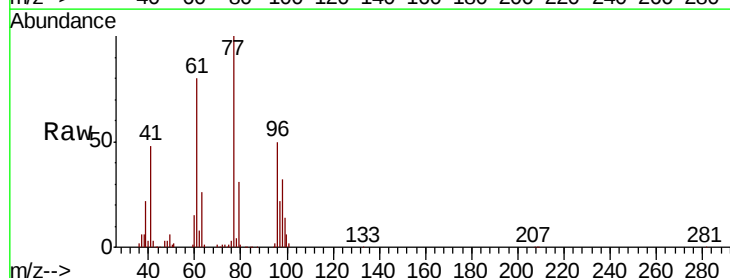
Acq: 01 Jun 2020 09:51

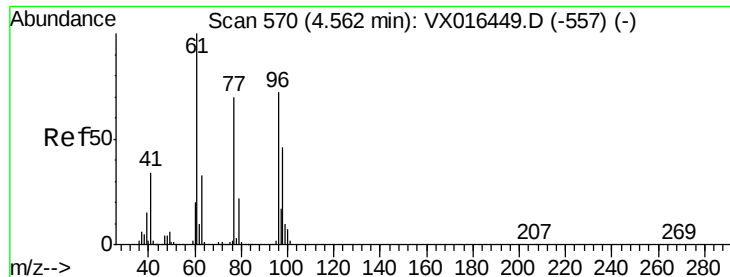
Tgt Ion: 77 Resp: 275630

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4



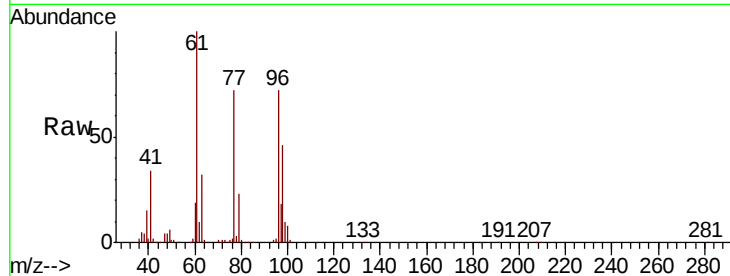


#27

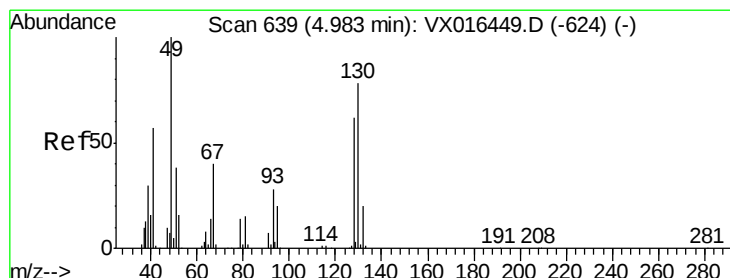
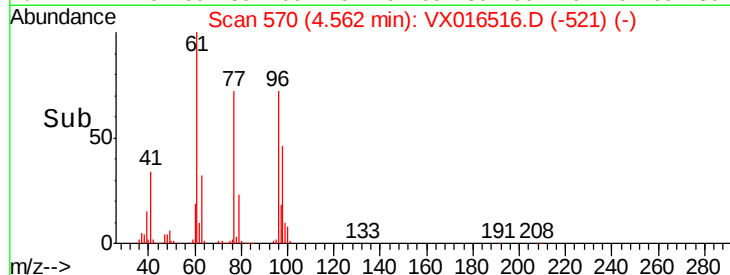
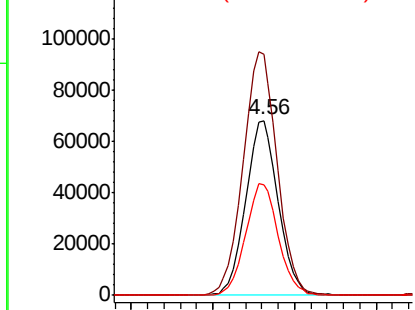
cis-1,2-Dichloroethene
Concen: 49.986 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 189054
Ion Ratio Lower Upper
96 100
61 145.5 0.0 284.6
98 64.2 0.0 127.2



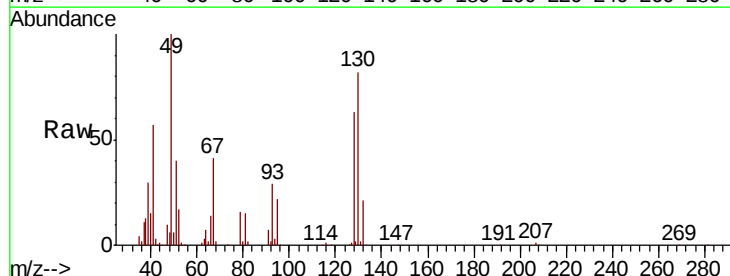
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



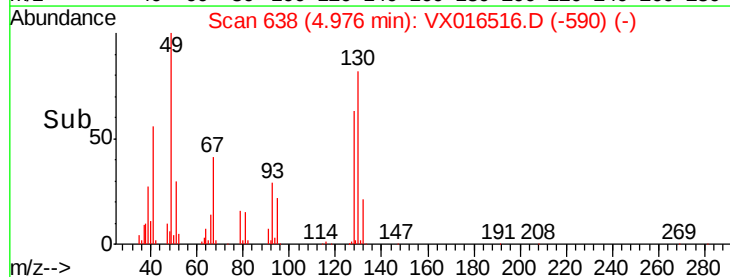
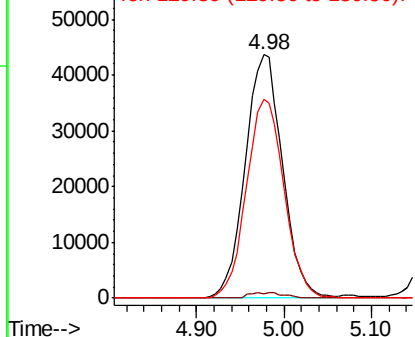
#28

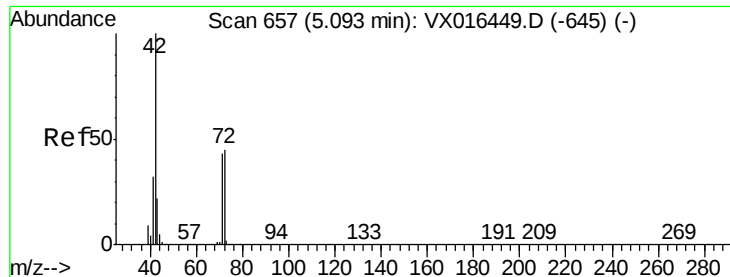
Bromochloromethane
Concen: 47.524 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 49 Resp: 130156
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 82.4 63.0 94.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 237.384 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

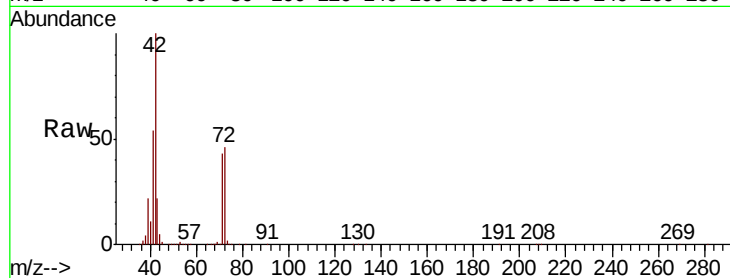
Tot Ion: 42 Resp: 434310

Ion Ratio Lower Upper

42 100

72 46.8 37.0 55.4

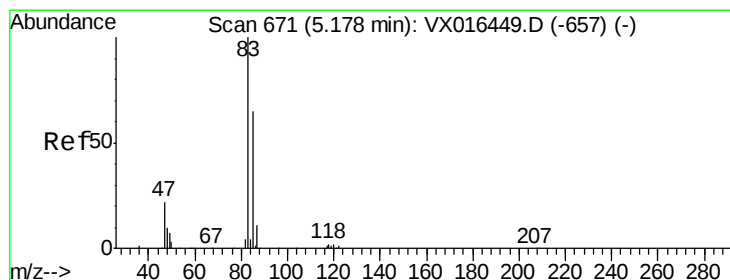
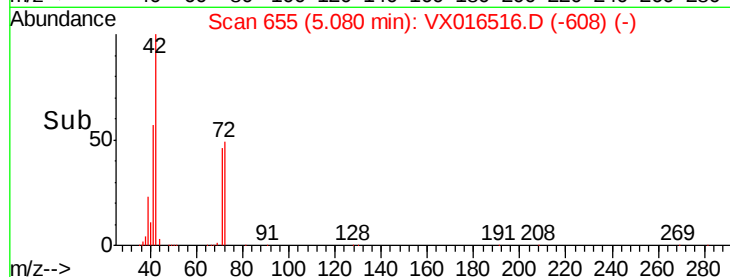
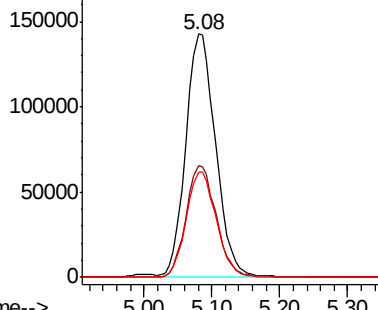
71 43.7 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.513 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016516.D

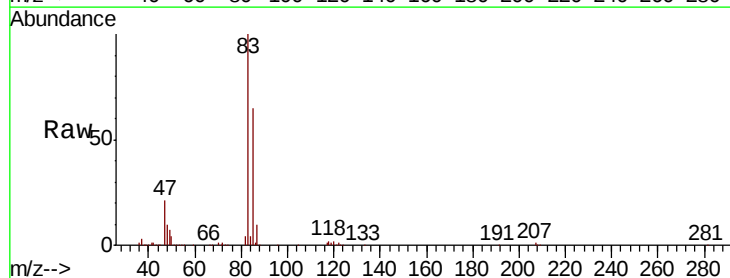
Acq: 01 Jun 2020 09:51

Tgt Ion: 83 Resp: 299966

Ion Ratio Lower Upper

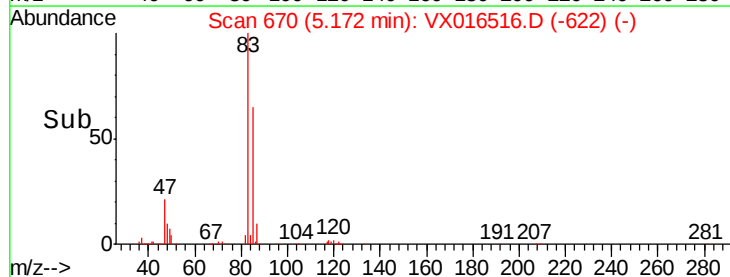
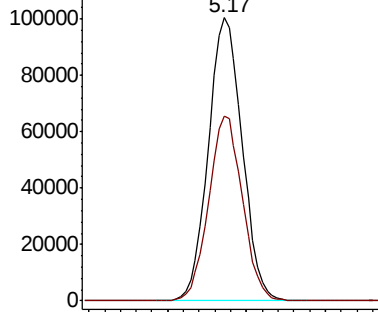
83 100

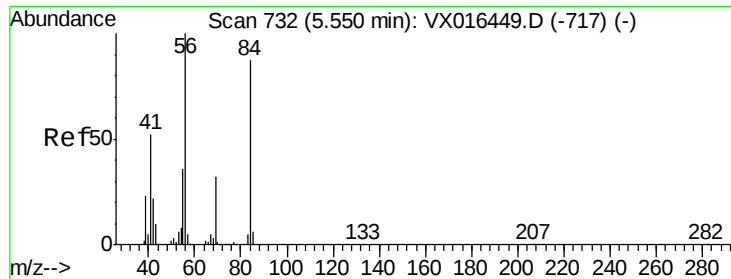
85 65.2 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

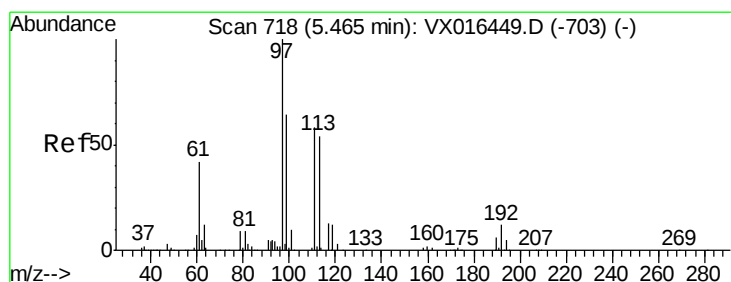
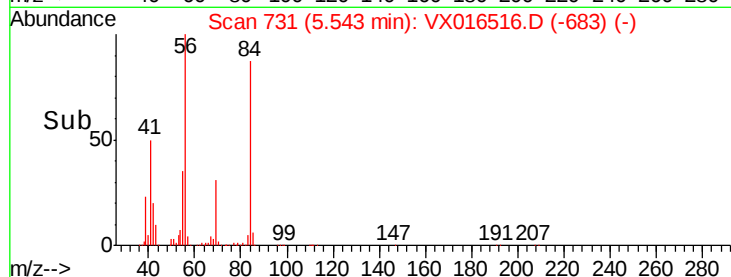
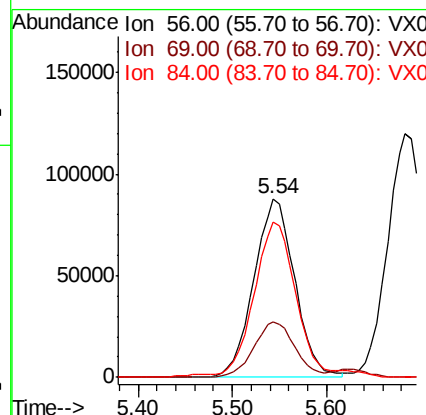
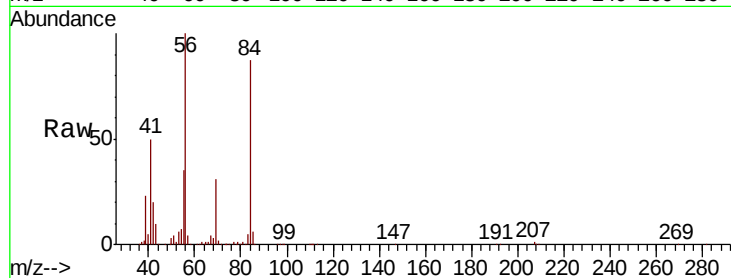




#31
Cvclohexane
Concen: 50.225 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

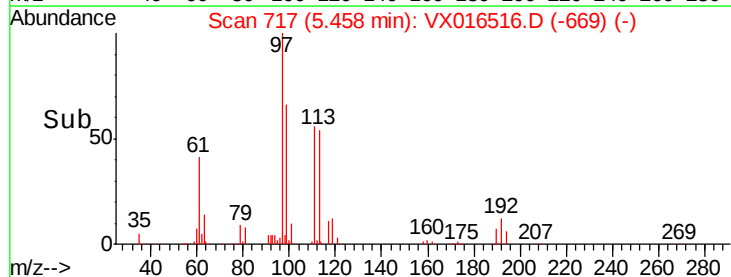
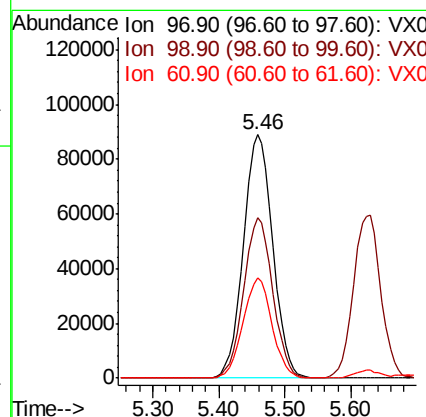
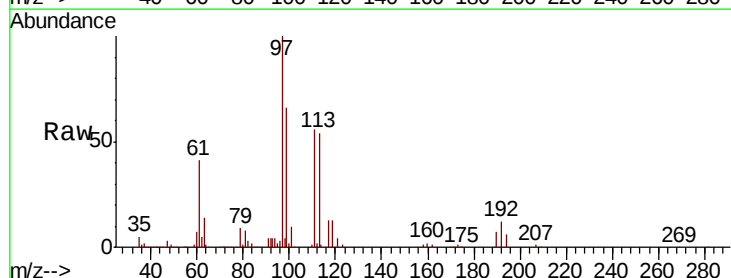
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

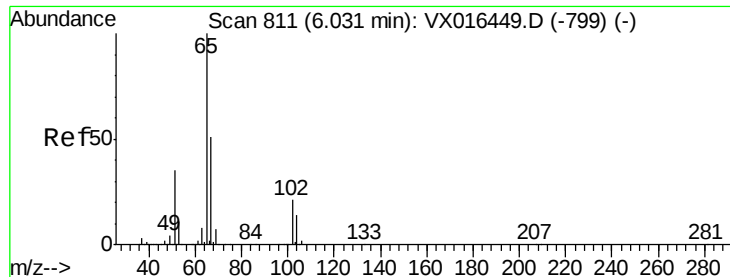
Tot Ion: 56 Resp: 266299
Ion Ratio Lower Upper
56 100
69 31.1 25.7 38.5
84 85.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.060 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 97 Resp: 274516
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 40.8 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 46.853 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

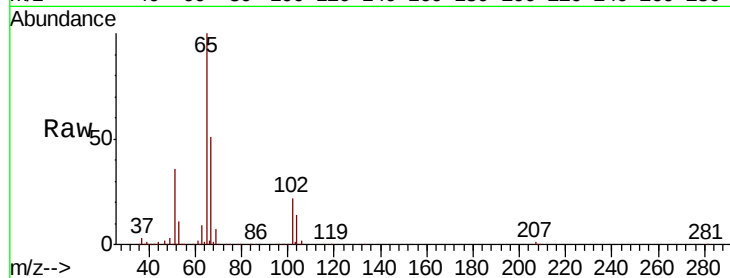
VSTDCCC050

Tot Ion: 65 Resp: 178728

Ion Ratio Lower Upper

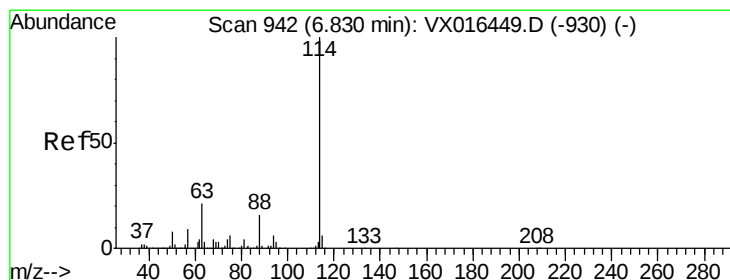
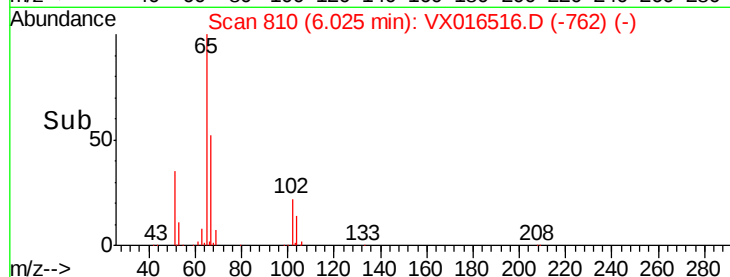
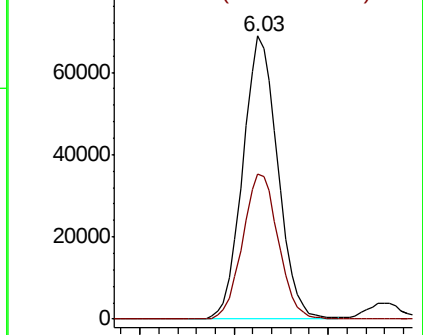
65 100

67 52.4 0.0 104.8



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: VX016516.D

Acq: 01 Jun 2020 09:51

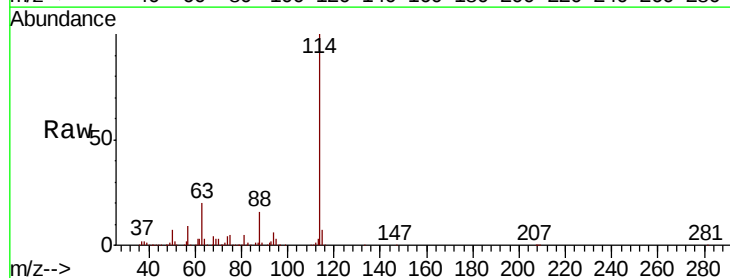
Tgt Ion: 114 Resp: 468946

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

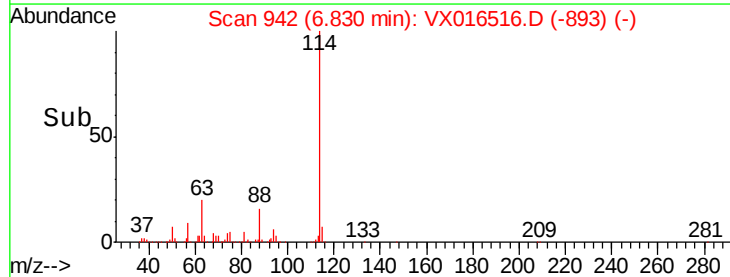
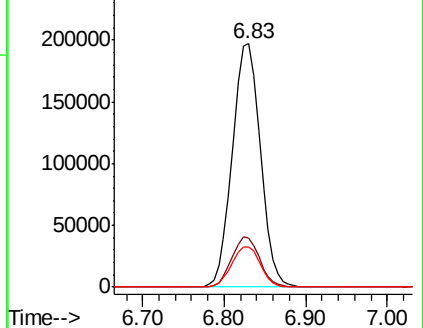
88 16.4 0.0 32.8

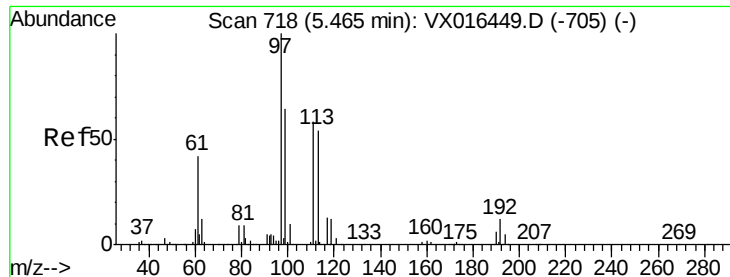


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

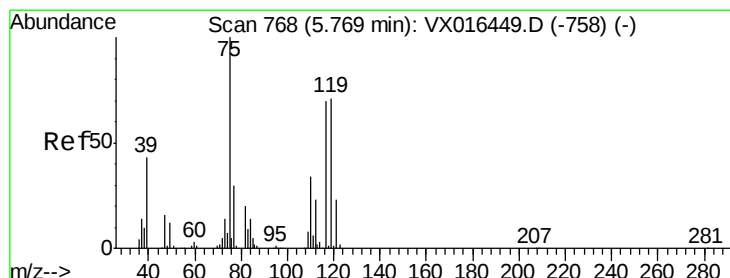
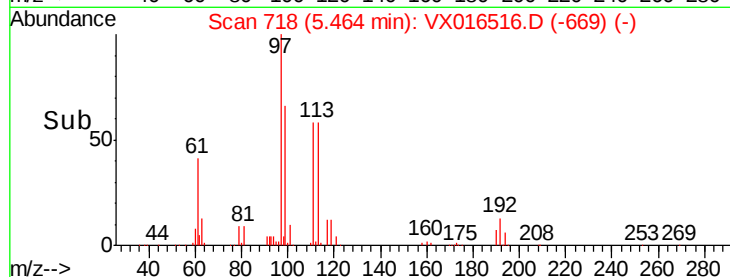
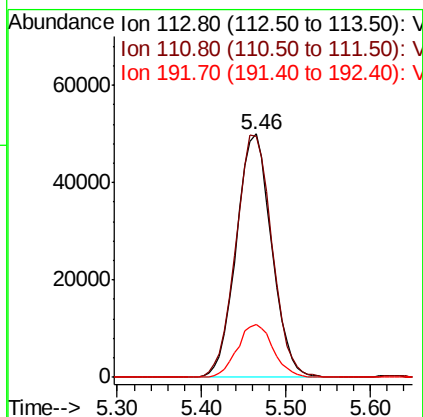
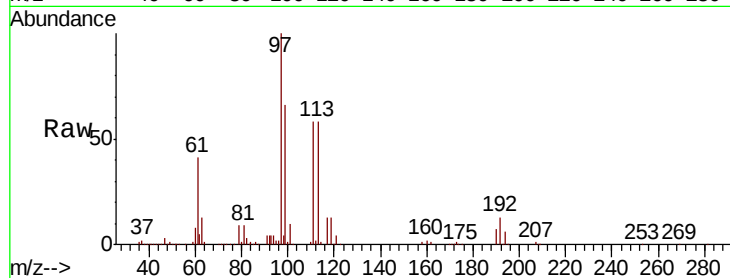




#35
Dibromofluoromethane
Concen: 49.131 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

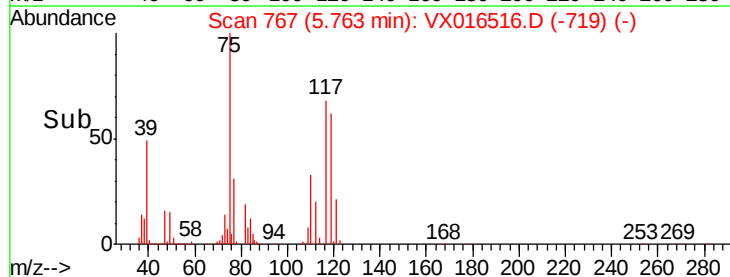
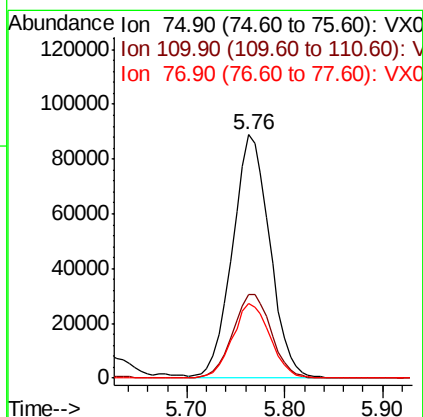
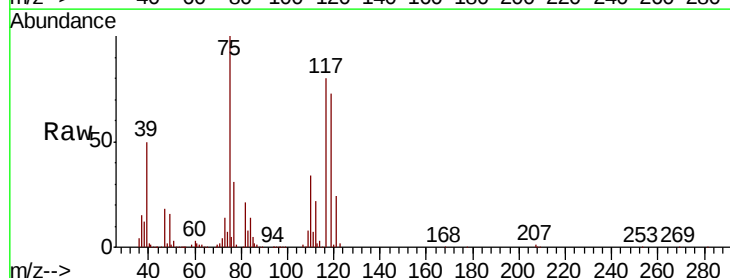
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

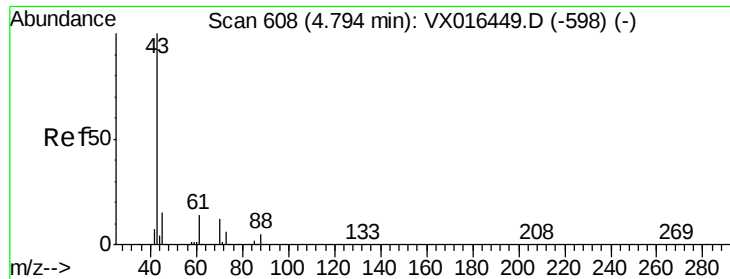
Tot Ion:113 Resp: 141866
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 22.0 17.7 26.5



#36
1,1-Dichloropropene
Concen: 52.770 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 75 Resp: 234301
Ion Ratio Lower Upper
75 100
110 35.6 17.4 52.3
77 31.0 24.2 36.4

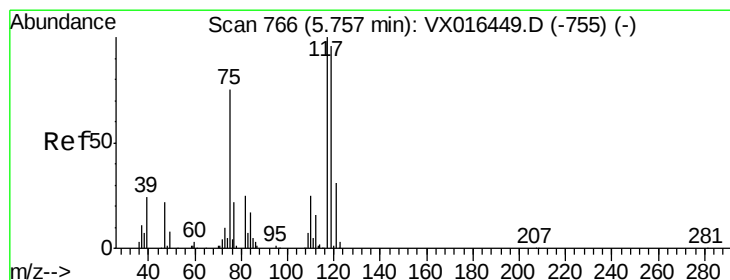
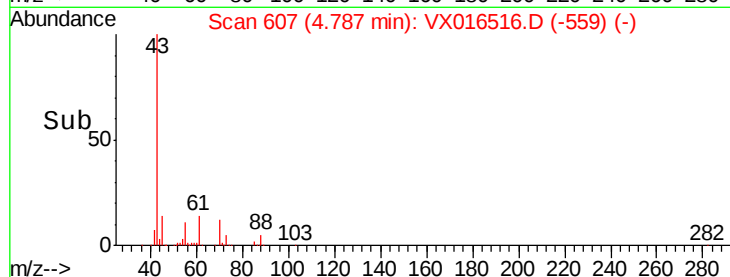
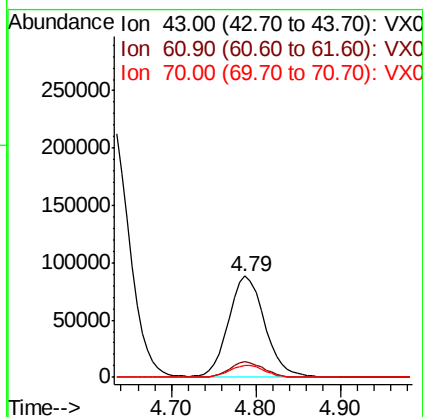
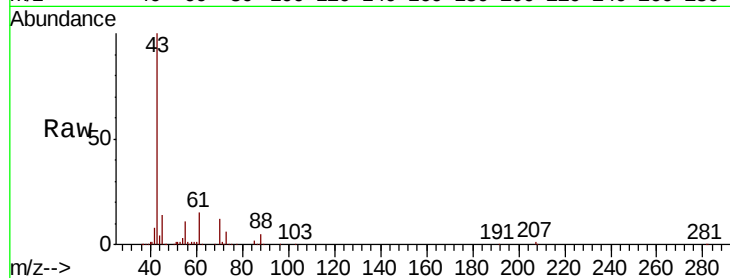




#37
Ethyl Acetate
Concen: 47.909 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

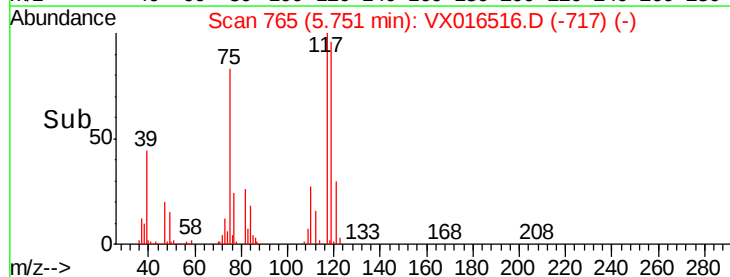
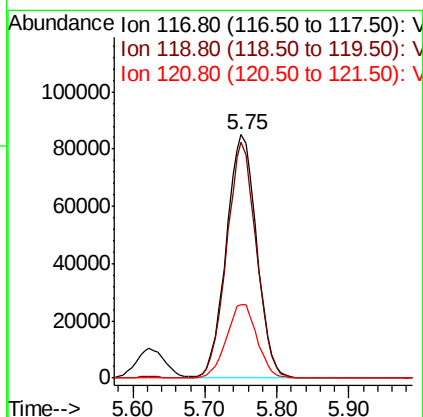
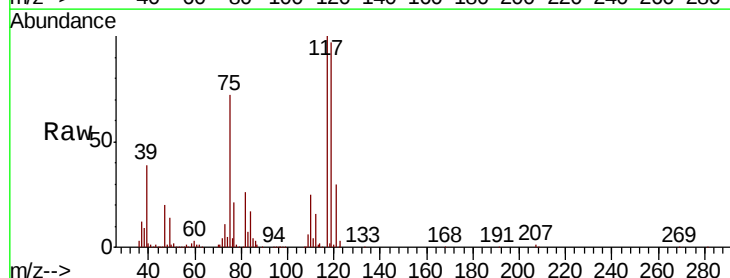
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

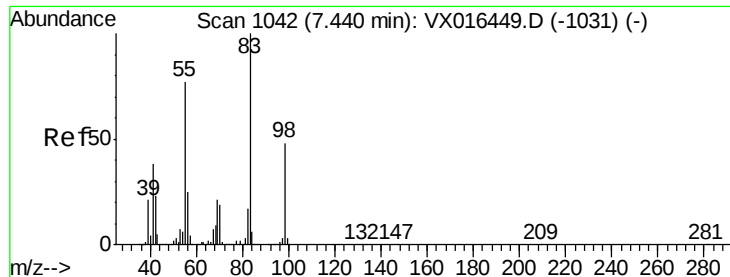
Tot Ion: 43 Resp: 255387
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 53.562 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 117 Resp: 249923
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5
121 30.0 24.6 37.0

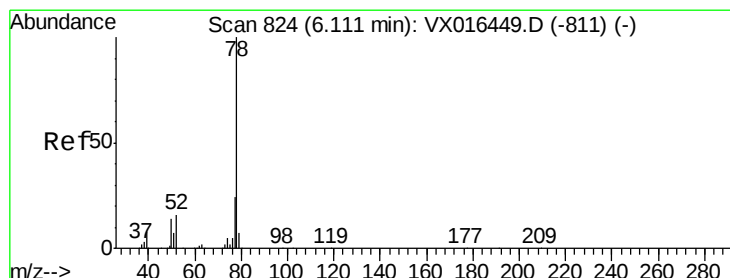
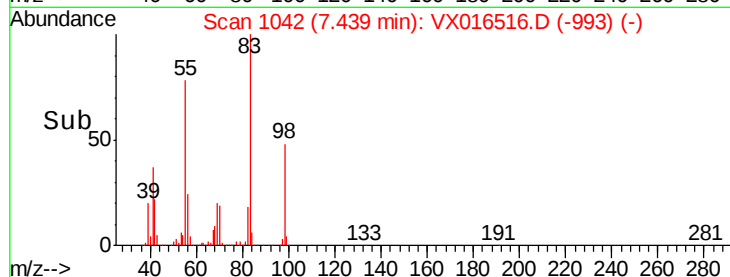
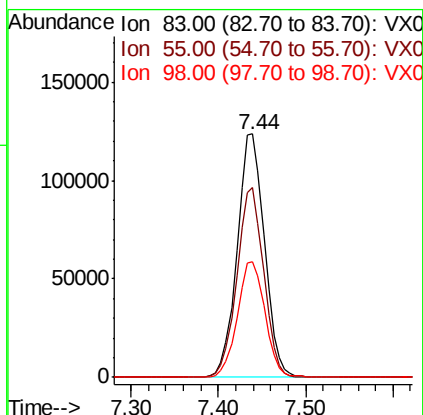
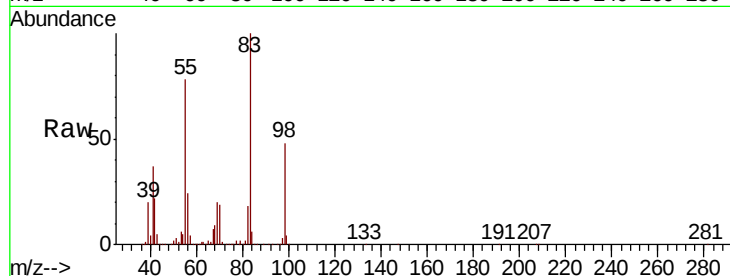




#39
Methvlcvclohexane
Concen: 55.502 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

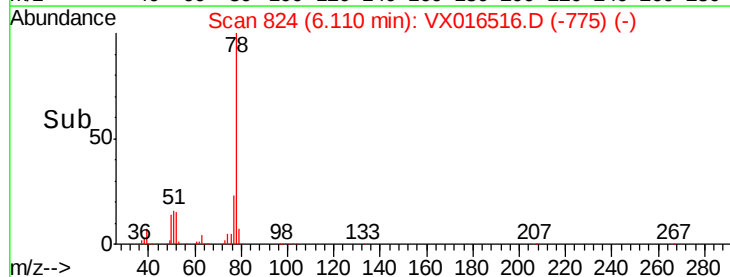
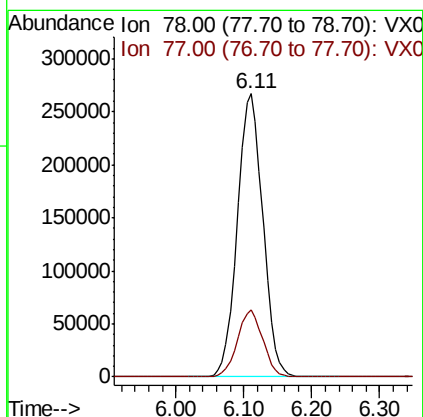
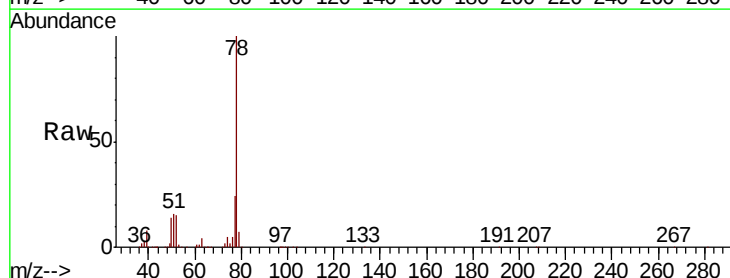
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

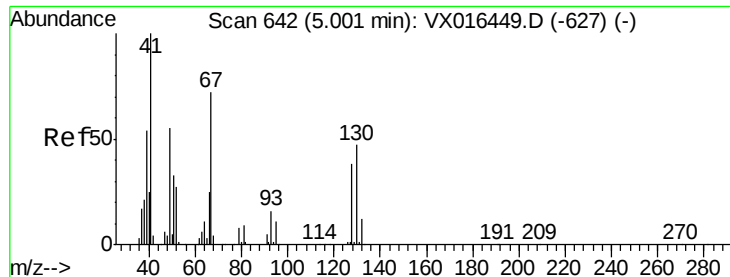
Tot Ion: 83 Resp: 267664
Ion Ratio Lower Upper
83 100
55 78.0 61.7 92.5
98 47.7 38.7 58.1



#40
Benzene
Concen: 52.413 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 78 Resp: 693013
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

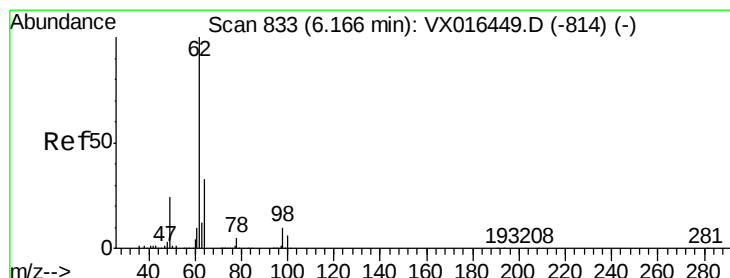
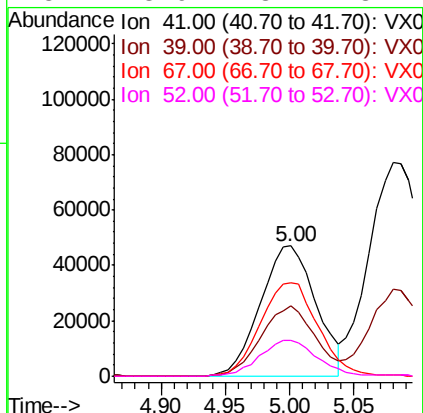
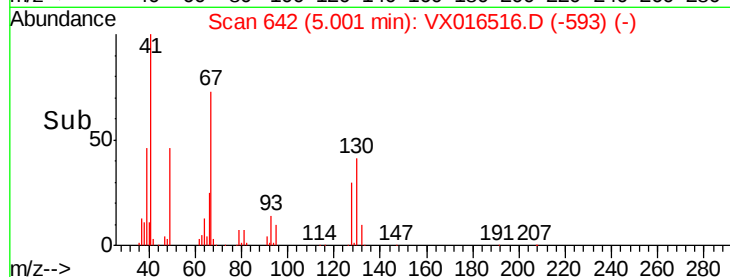
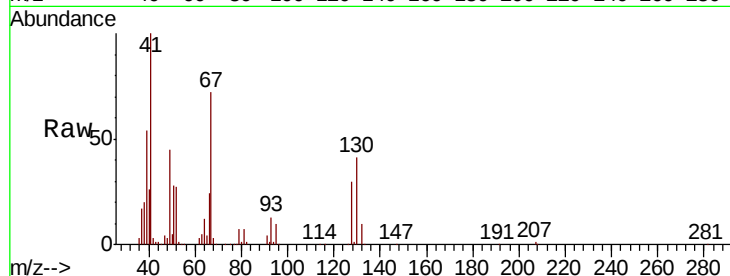




#41
Methacrylonitrile
Concen: 47.983 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

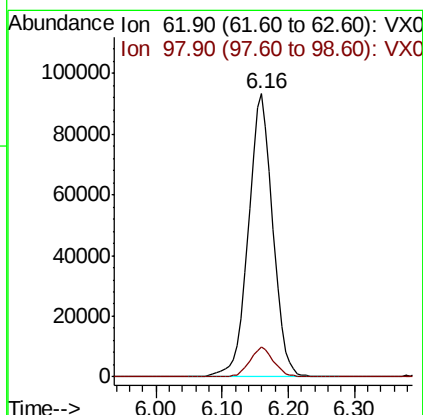
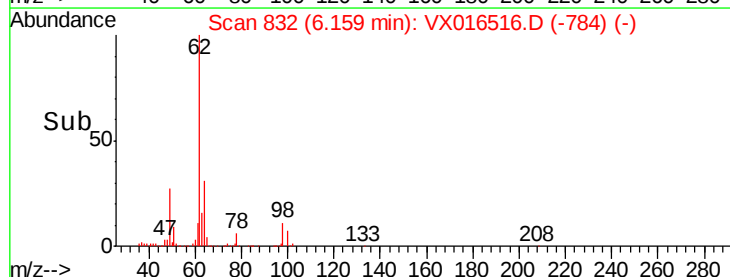
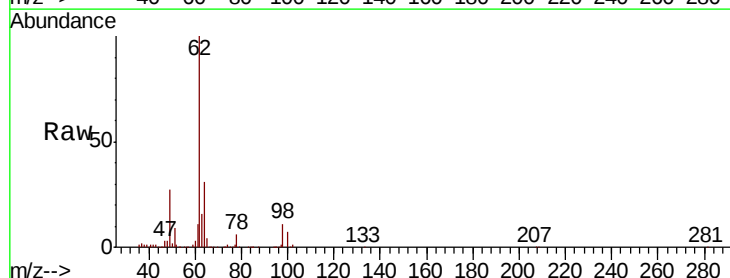
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

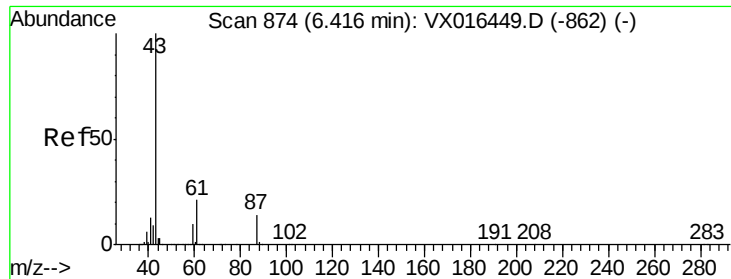
Tot Ion:	41	Resp:	140496
Ion	Ratio	Lower	Upper
41	100		
39	52.2	43.0	64.4
67	74.6	58.9	88.3
52	28.9	23.1	34.7



#42
1,2-Dichloroethane
Concen: 51.080 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion:	62	Resp:	240184
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8



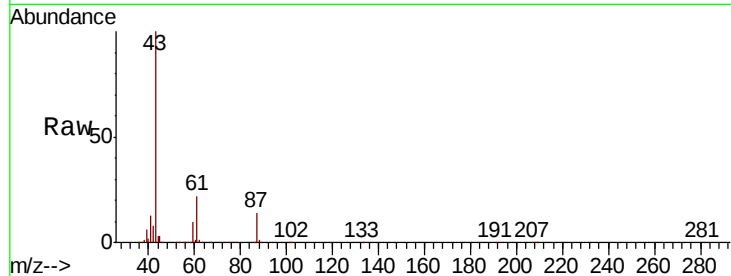


#43

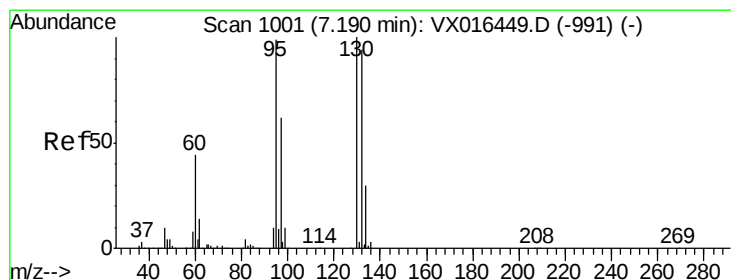
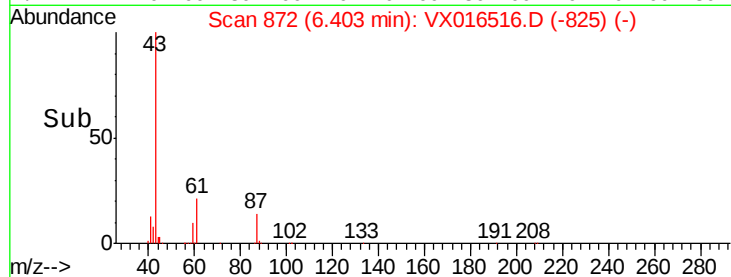
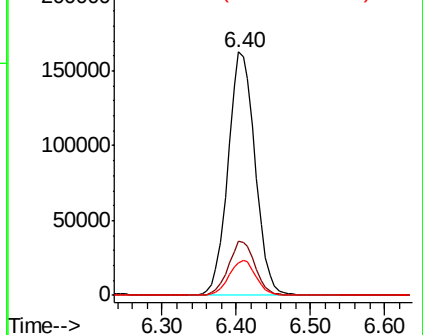
Isopropyl Acetate
 Concen: 49.502 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 411598
 Ion Ratio Lower Upper
 43 100
 61 22.0 16.8 25.2
 87 14.4 11.2 16.8



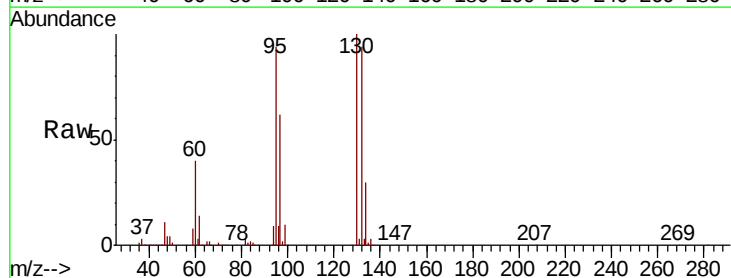
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



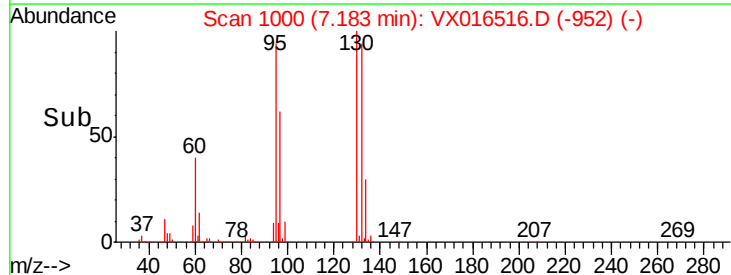
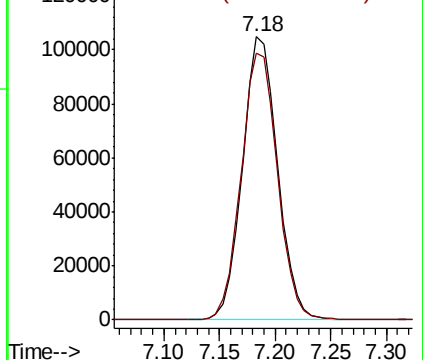
#44

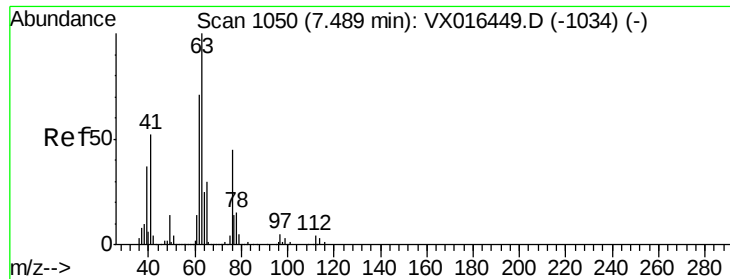
Trichloroethene
 Concen: 54.896 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion: 130 Resp: 230294
 Ion Ratio Lower Upper
 130 100
 95 94.1 0.0 198.2



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





#45

1,2-Dichloropropane

Concen: 52.157 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

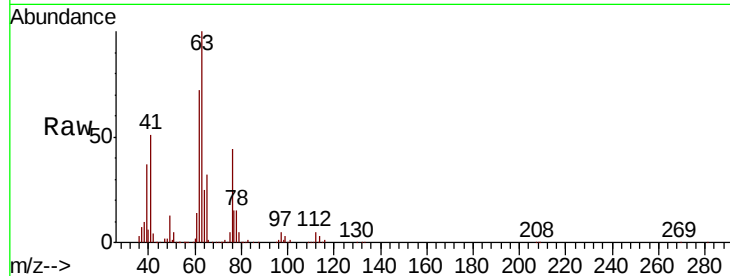
VSTDCCC050

Tot Ion: 63 Resp: 175564

Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

60000

40000

20000

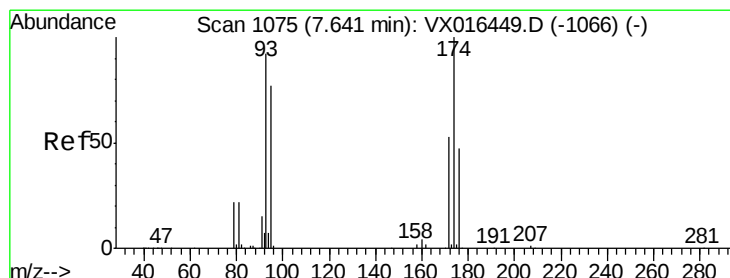
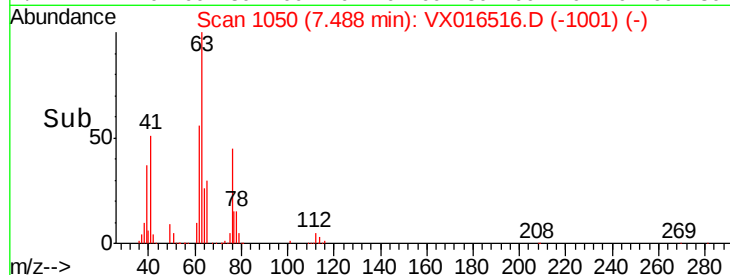
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 51.221 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

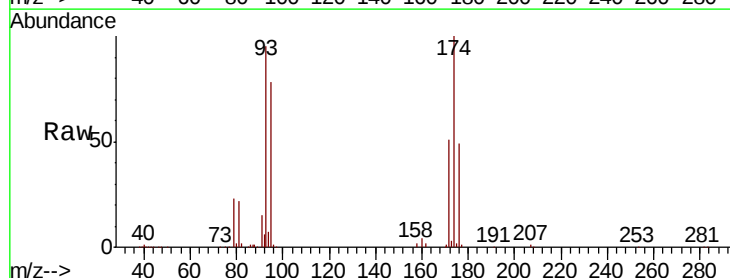
Tgt Ion: 93 Resp: 115806

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 109.2 86.2 129.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

40000

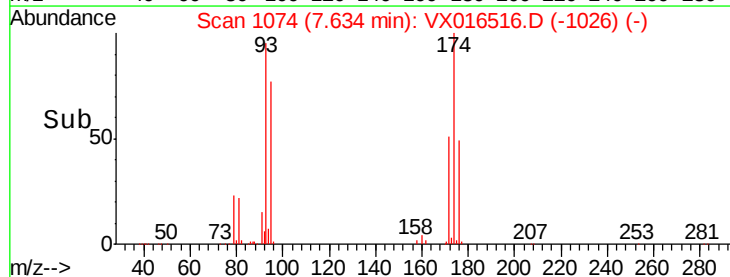
20000

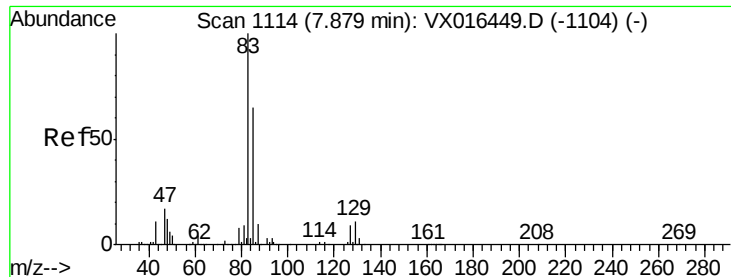
0

Time-->

7.60

7.70





#47

Bromodichloromethane

Concen: 52.653 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

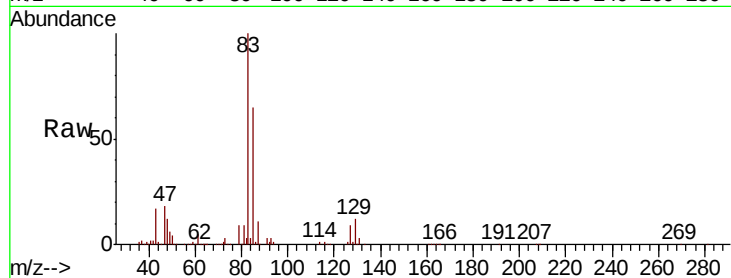
Tot Ion: 83 Resp: 246485

Ion Ratio Lower Upper

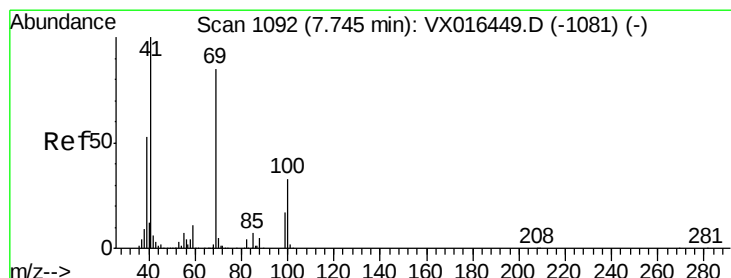
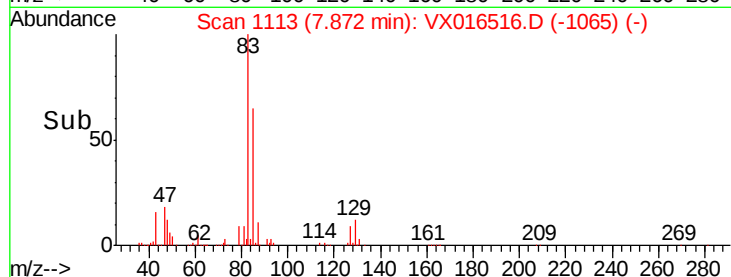
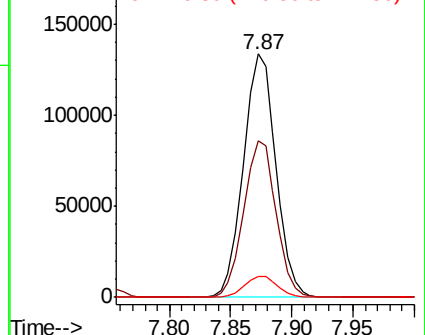
83 100

85 64.5 52.0 78.0

127 8.7 7.4 11.0



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: 49.919 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

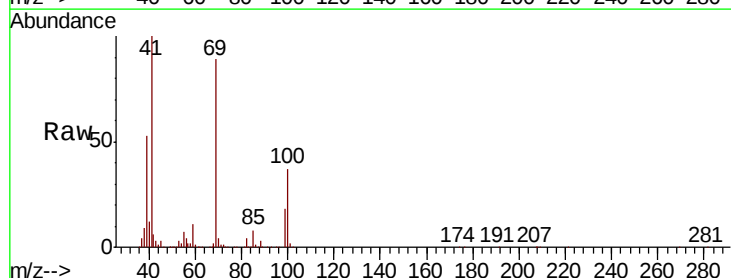
Tgt Ion: 41 Resp: 198734

Ion Ratio Lower Upper

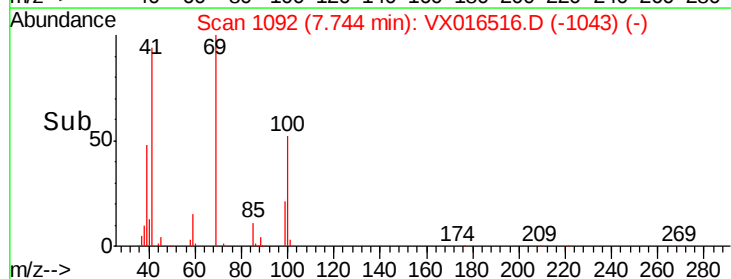
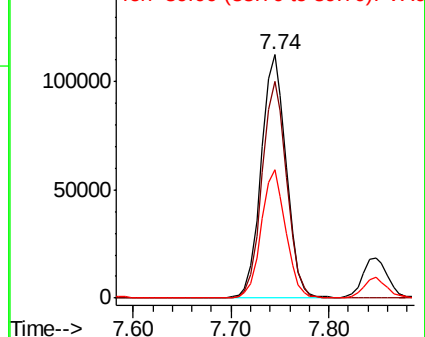
41 100

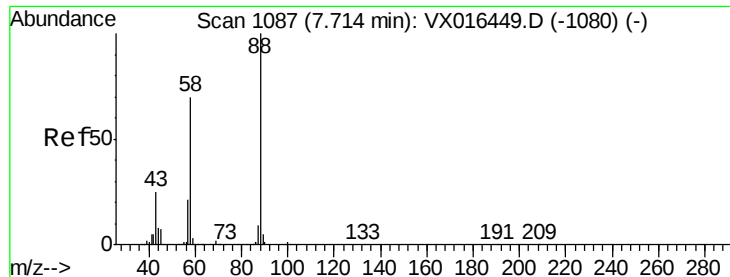
69 88.5 68.6 102.8

39 51.6 42.4 63.6



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: 944.748 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

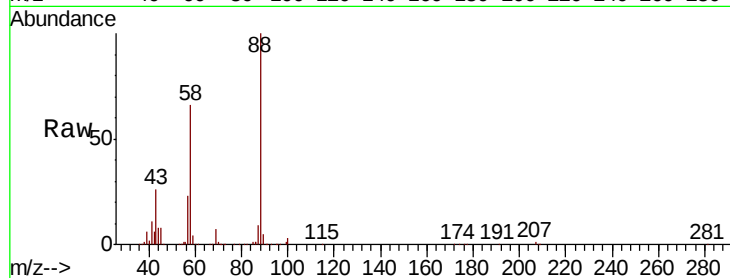
Tot Ion: 88 Resp: 88021

Ion Ratio Lower Upper

88 100

43 30.6 24.2 36.4

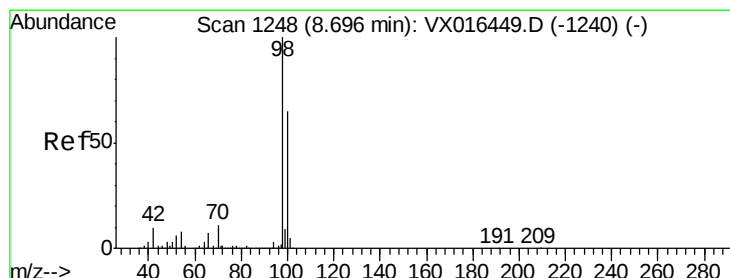
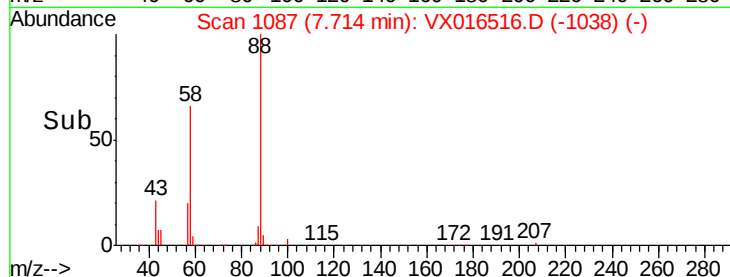
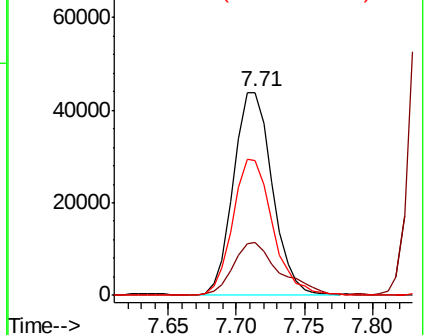
58 68.7 56.5 84.7



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: 50.493 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016516.D

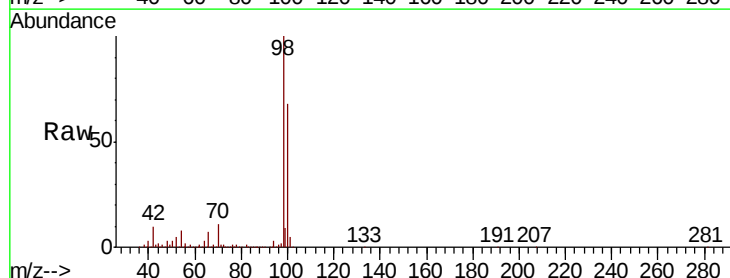
Acq: 01 Jun 2020 09:51

Tgt Ion: 98 Resp: 567484

Ion Ratio Lower Upper

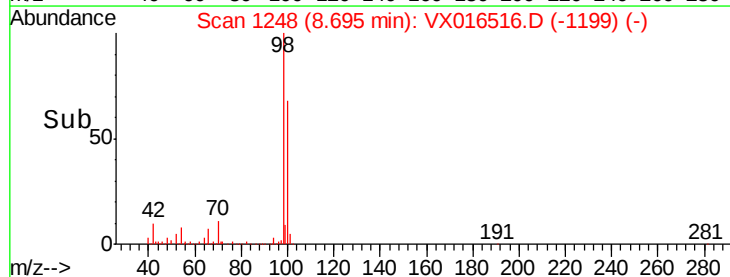
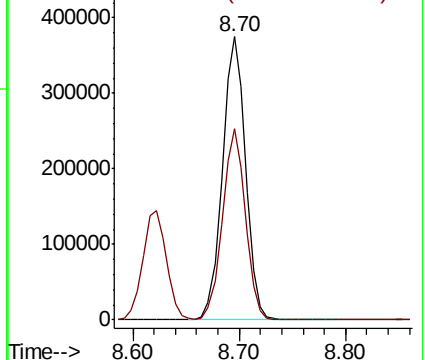
98 100

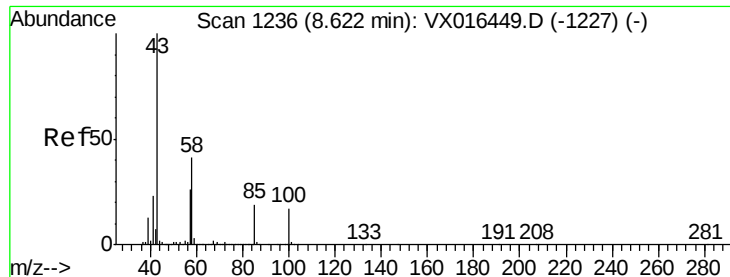
100 66.9 53.8 80.6



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: 248.405 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

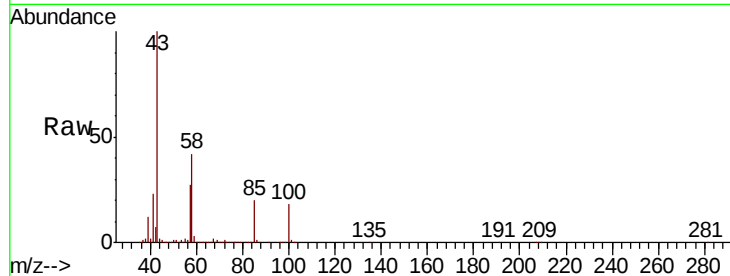
VSTDCCC050

Tot Ion: 43 Resp: 1286072

Ion Ratio Lower Upper

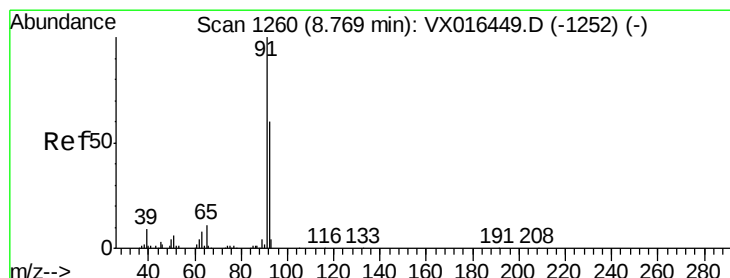
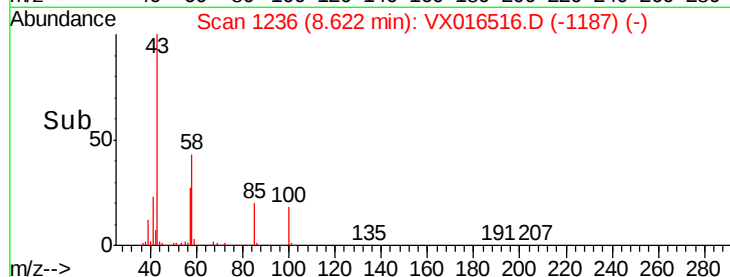
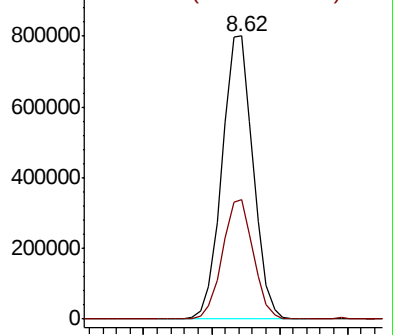
43 100

58 42.0 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.772 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016516.D

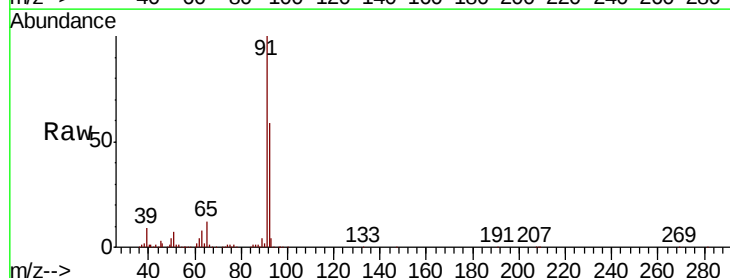
Acq: 01 Jun 2020 09:51

Tgt Ion: 92 Resp: 448339

Ion Ratio Lower Upper

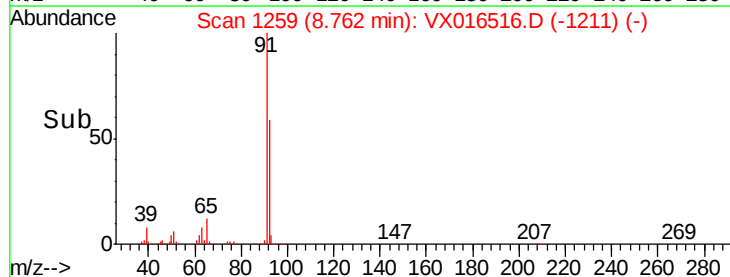
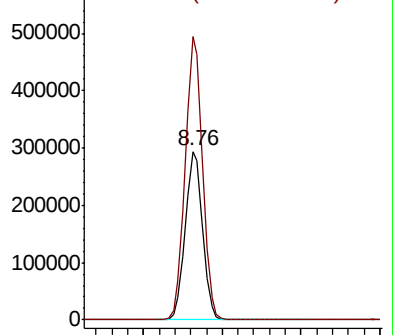
92 100

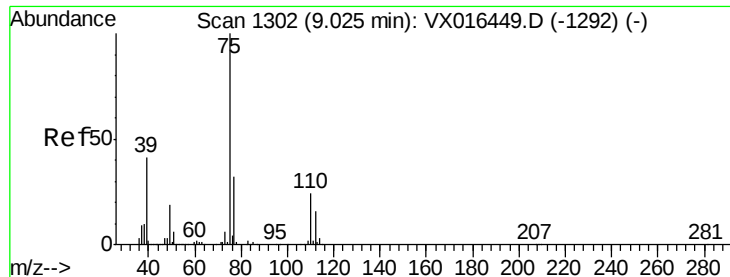
91 168.8 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

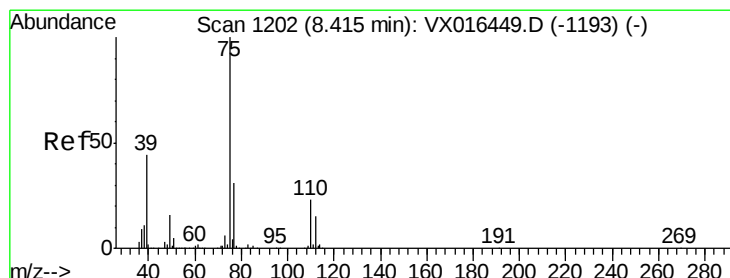
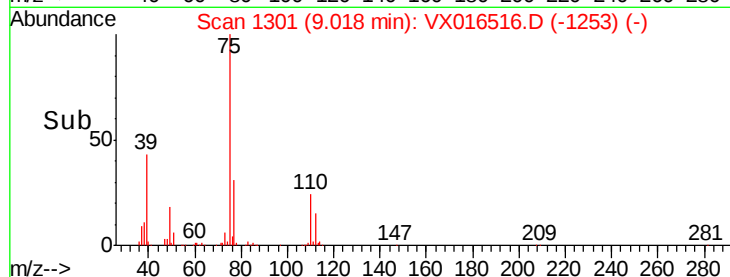
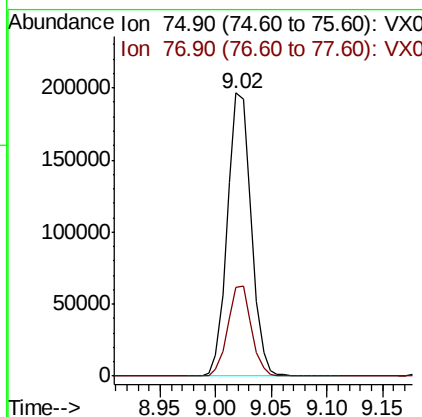
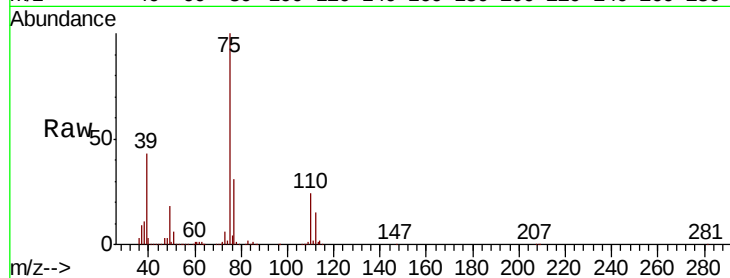




#53
 t-1,3-Dichloropropene
 Concen: 54.787 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

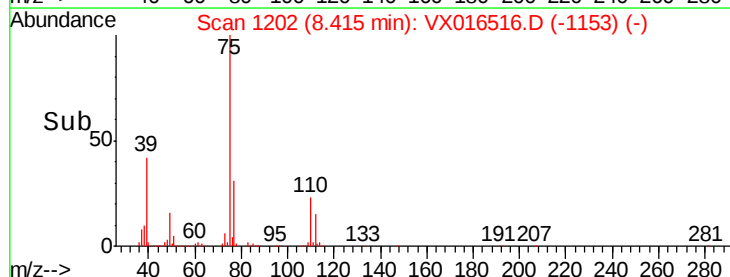
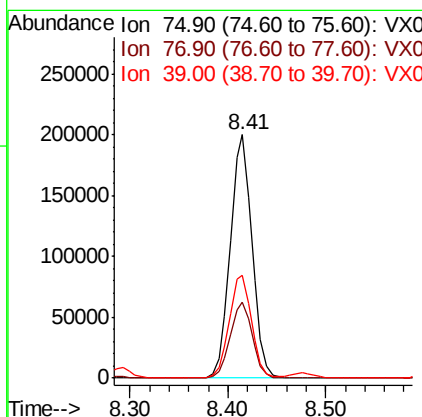
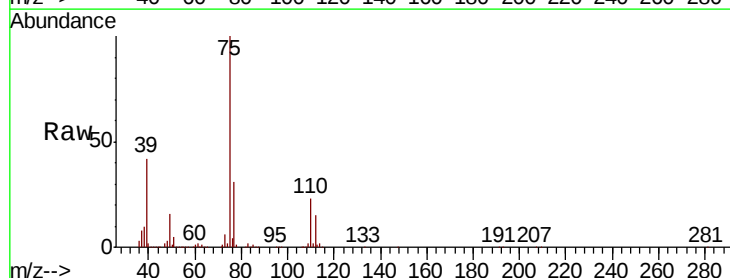
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

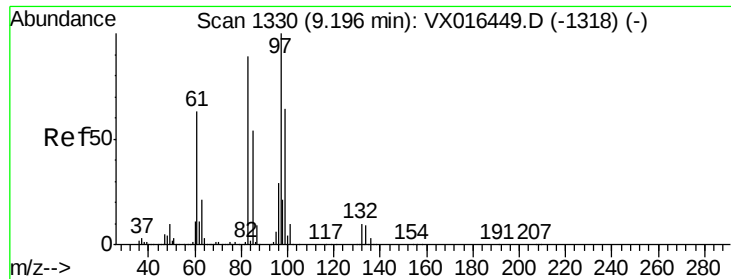
Tot Ion: 75 Resp: 291641
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 54.724 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion: 75 Resp: 308338
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 36.8
 39 42.1 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 52.267 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 173270

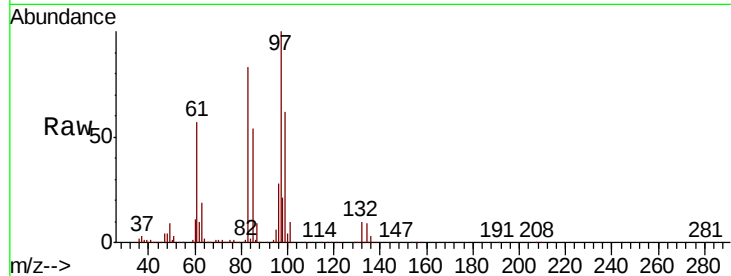
Ion Ratio Lower Upper

97 100

83 83.2 70.9 106.3

85 53.9 43.4 65.2

99 61.8 51.0 76.6

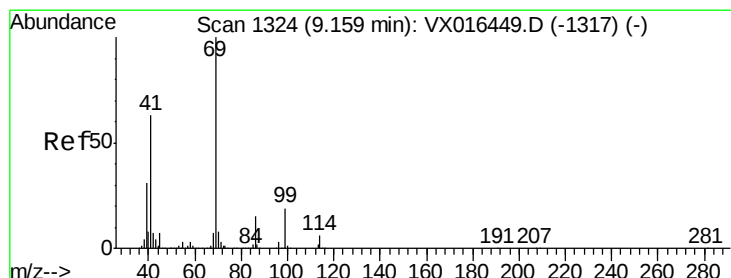
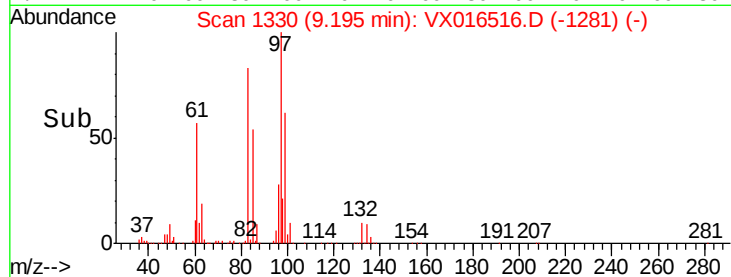
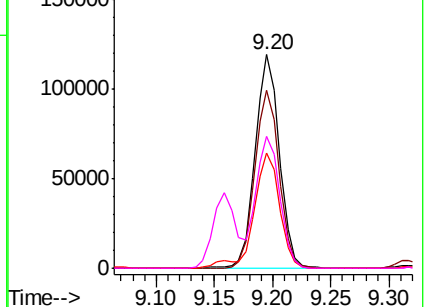


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.645 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

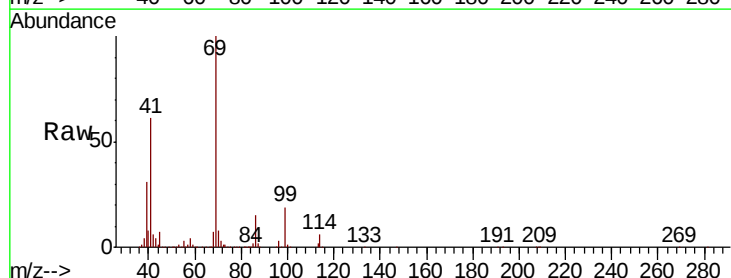
Tgt Ion: 69 Resp: 289634

Ion Ratio Lower Upper

69 100

41 62.1 50.7 76.1

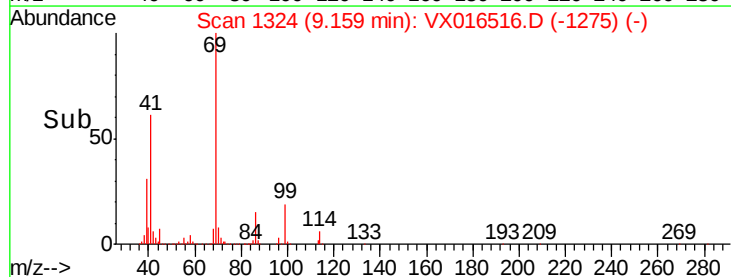
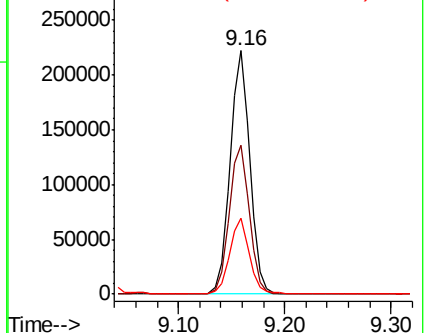
39 31.2 25.8 38.6

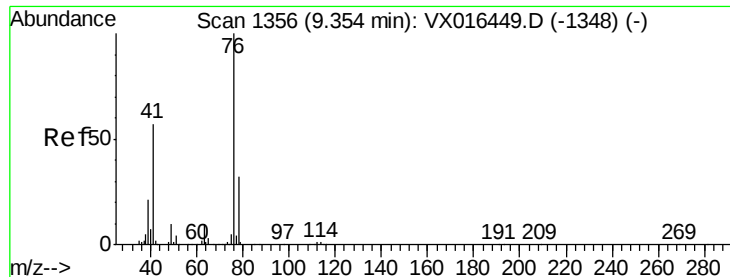


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.719 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

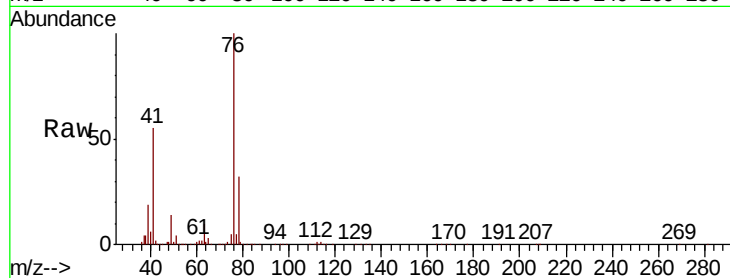
VSTDCCC050

Tot Ion: 76 Resp: 299984

Ion Ratio Lower Upper

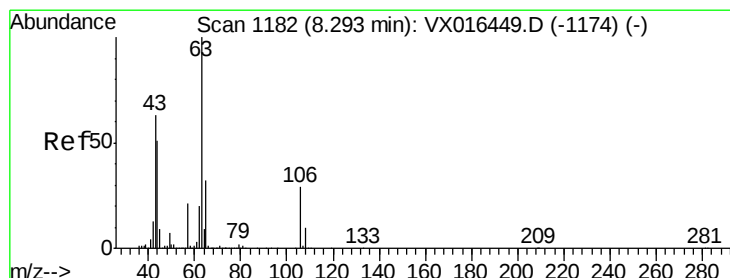
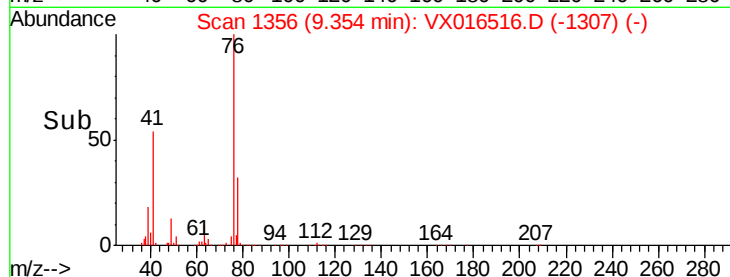
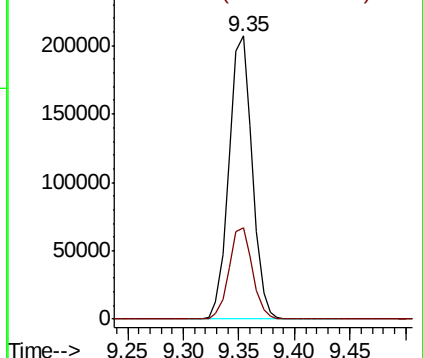
76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 263.635 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016516.D

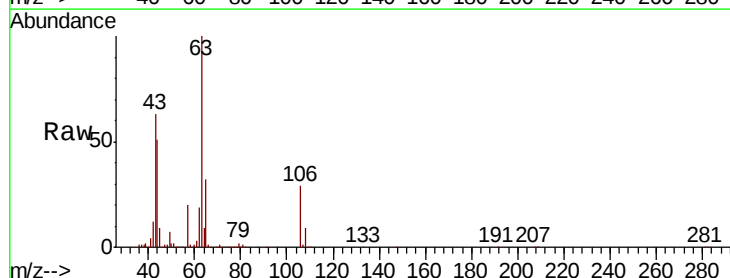
Acq: 01 Jun 2020 09:51

Tgt Ion: 63 Resp: 742955

Ion Ratio Lower Upper

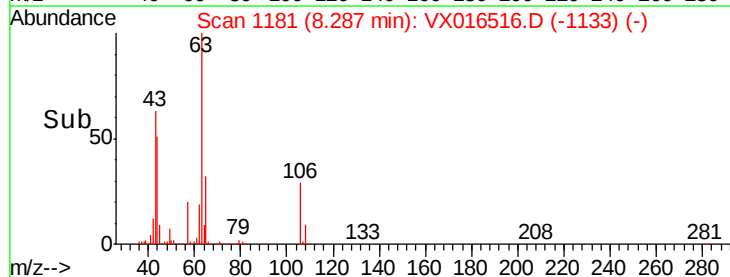
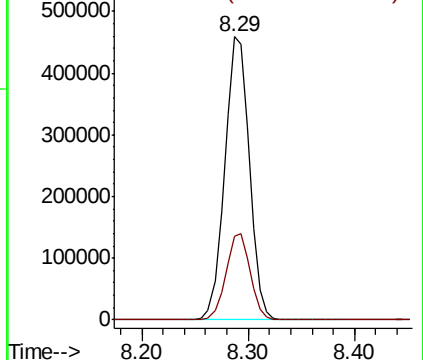
63 100

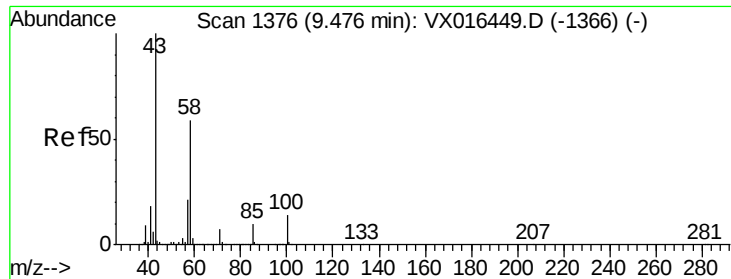
106 29.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

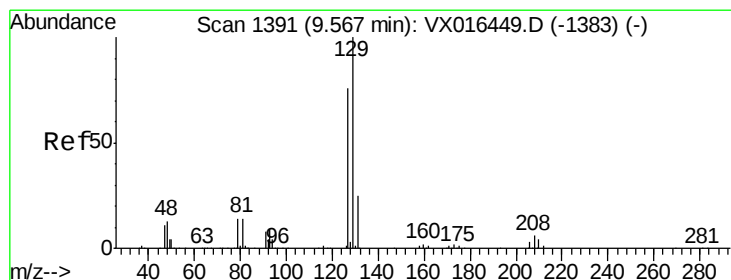
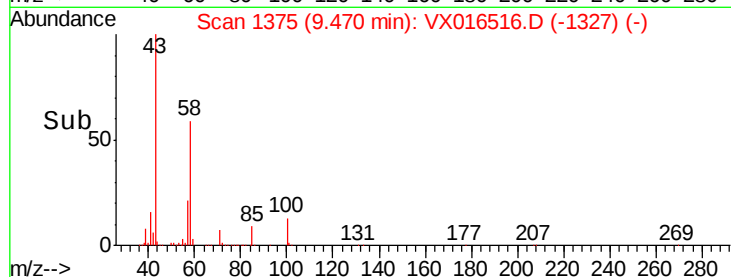
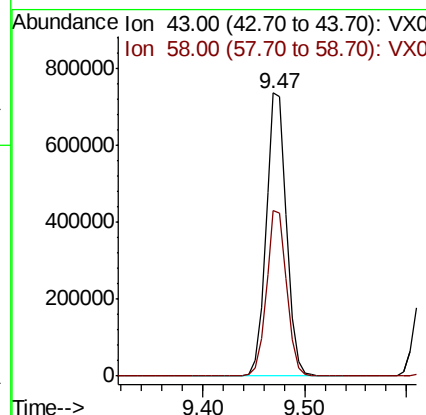
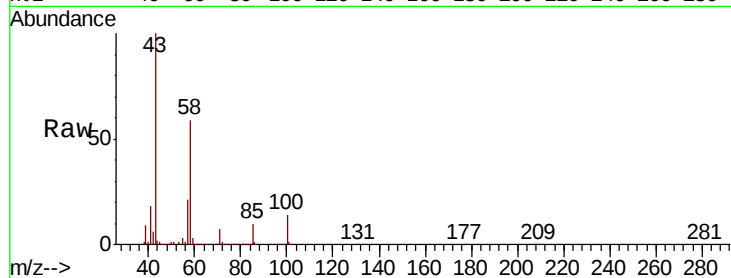




#59
2-Hexanone
Concen: 253.577 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

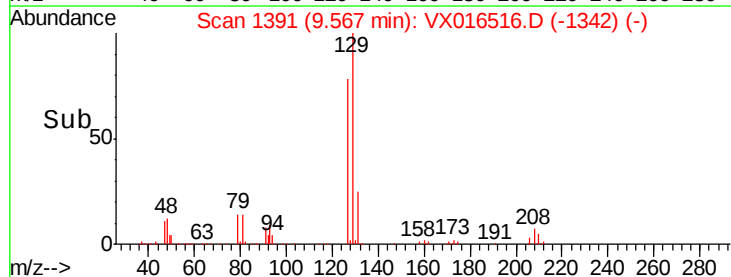
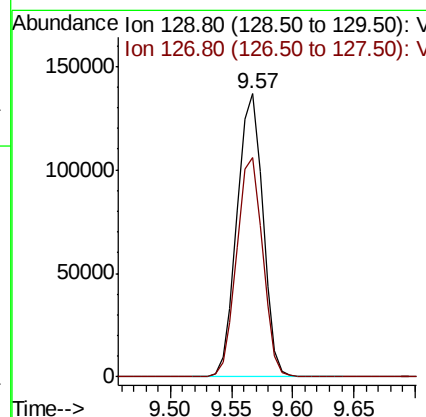
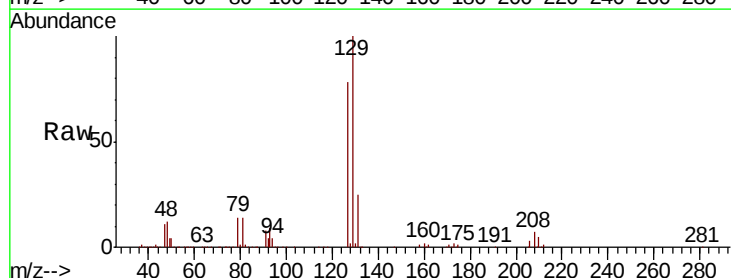
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

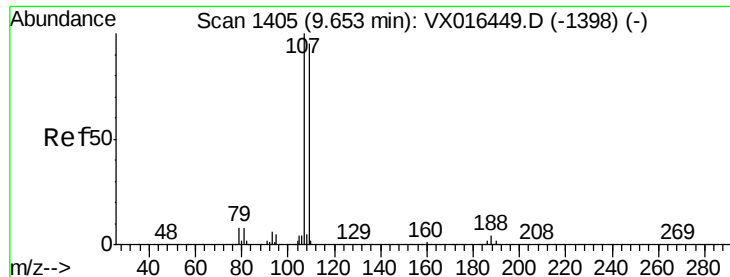
Tot Ion: 43 Resp: 1020947
Ion Ratio Lower Upper
43 100
58 58.1 28.8 86.4



#60
Dibromochloromethane
Concen: 53.609 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 129 Resp: 200001
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.485 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

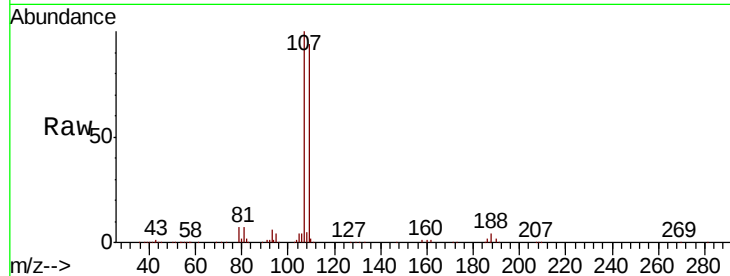
VSTDCCC050

Tot Ion:107 Resp: 186324

Ion Ratio Lower Upper

107 100

109 94.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

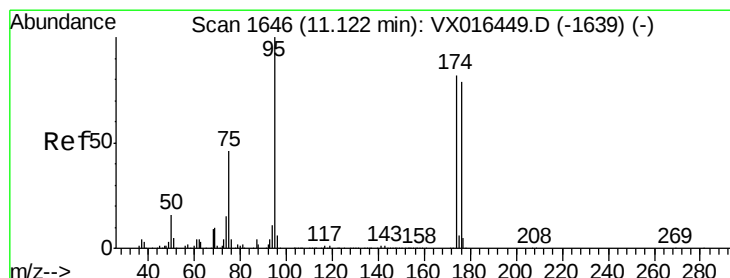
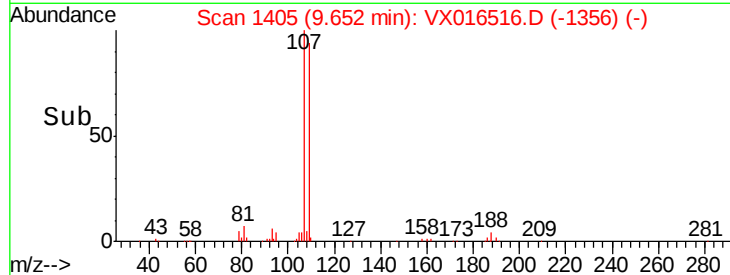
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.086 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

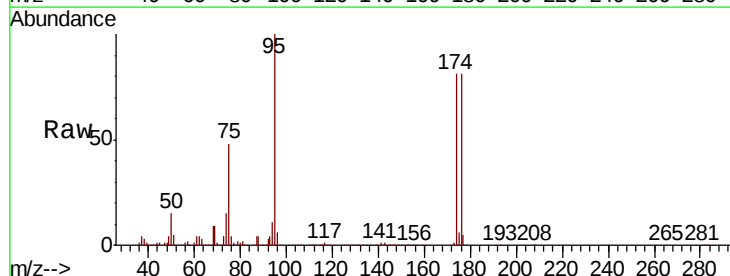
Tgt Ion: 95 Resp: 217506

Ion Ratio Lower Upper

95 100

174 80.8 0.0 163.0

176 78.8 0.0 156.8



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

11.12

200000

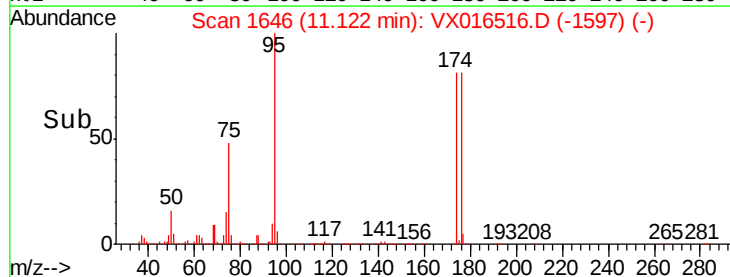
150000

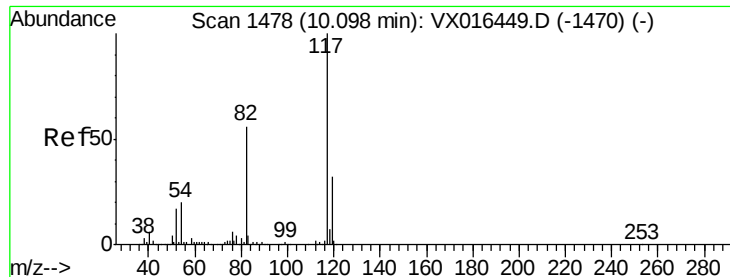
100000

50000

0

Time-->

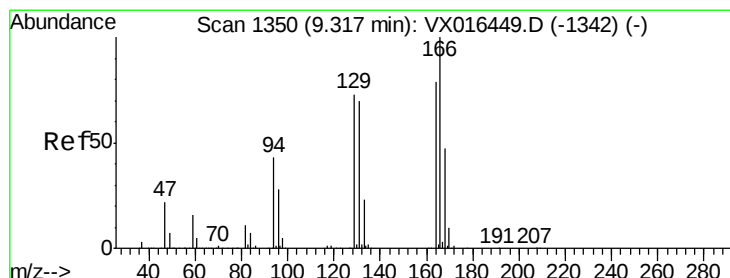
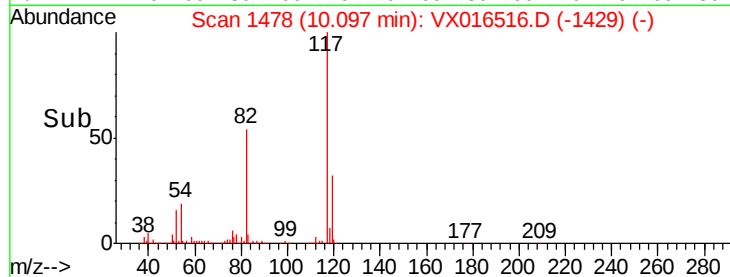
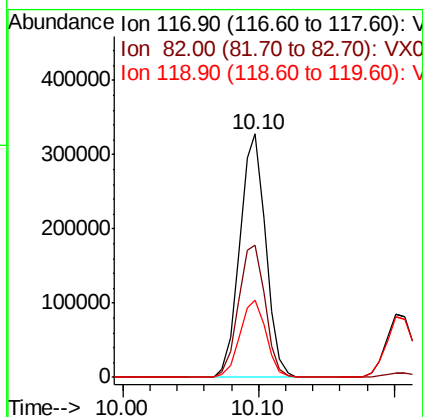
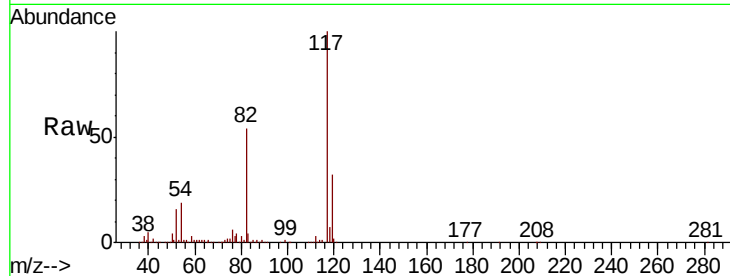




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

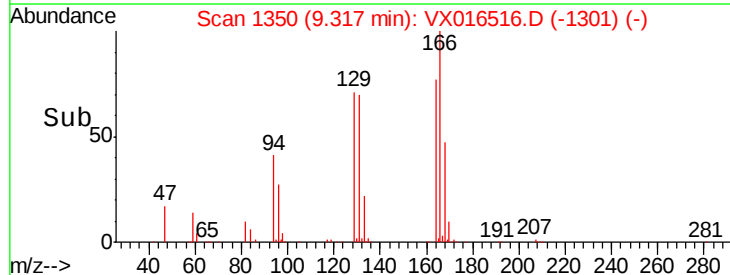
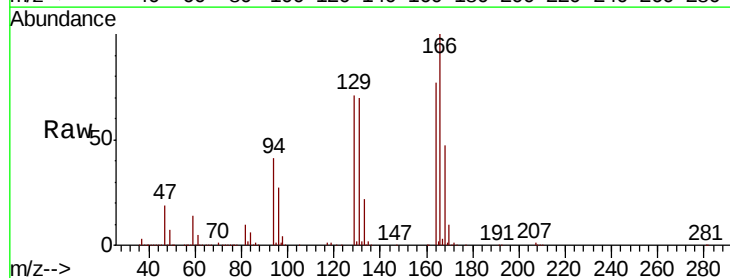
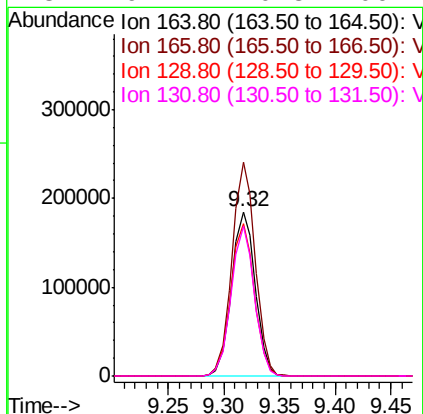
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

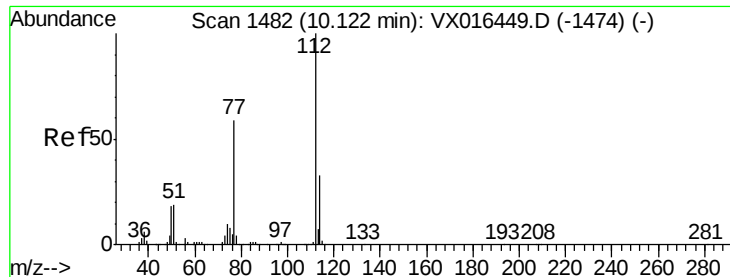
Tot Ion:117 Resp: 434789
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.6
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 55.898 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion:164 Resp: 271910
Ion Ratio Lower Upper
164 100
166 130.1 100.9 151.3
129 92.7 73.2 109.8
131 91.4 70.8 106.2





#65

Chlorobenzene

Concen: 53.624 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

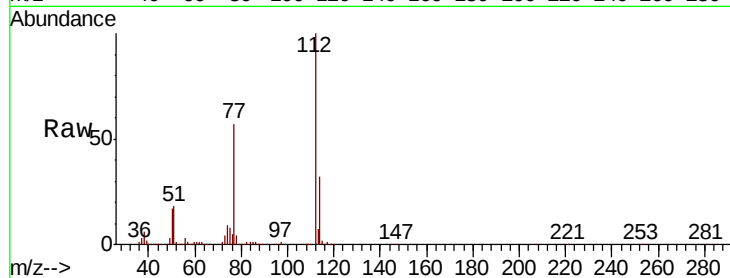
VSTDCCC050

Tot Ion:112 Resp: 475328

Ion Ratio Lower Upper

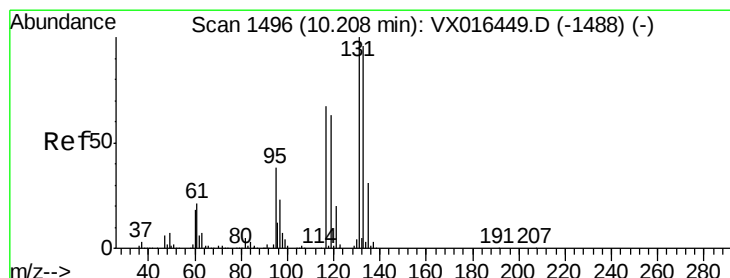
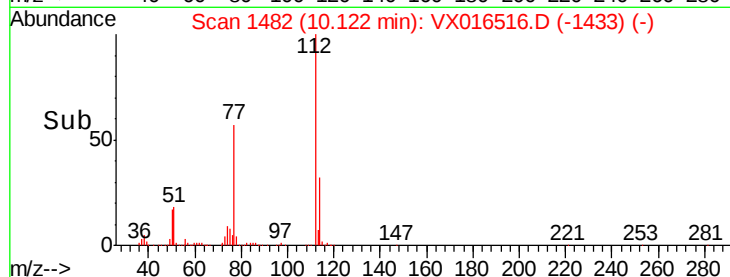
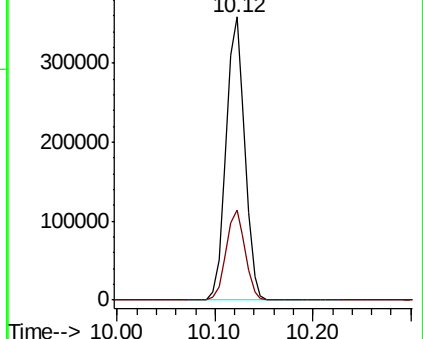
112 100

114 31.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.226 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

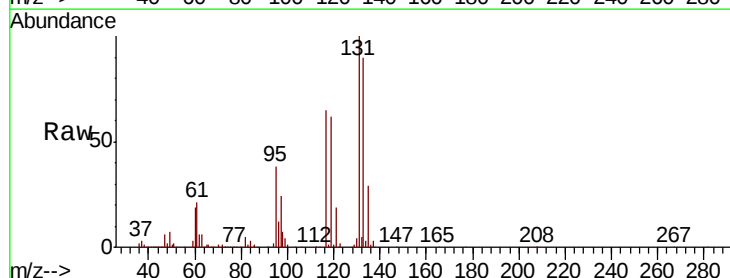
Tgt Ion:131 Resp: 180098

Ion Ratio Lower Upper

131 100

133 94.4 48.4 145.3

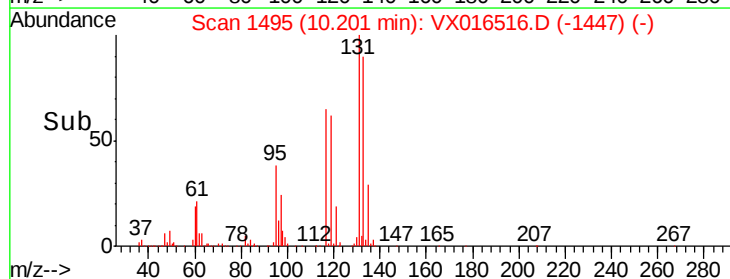
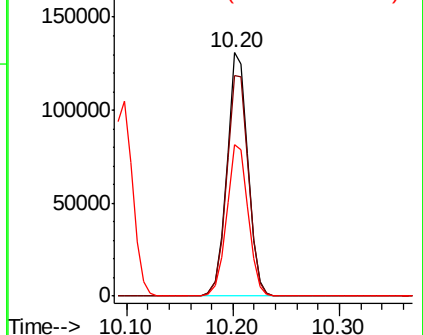
119 63.6 32.0 96.2

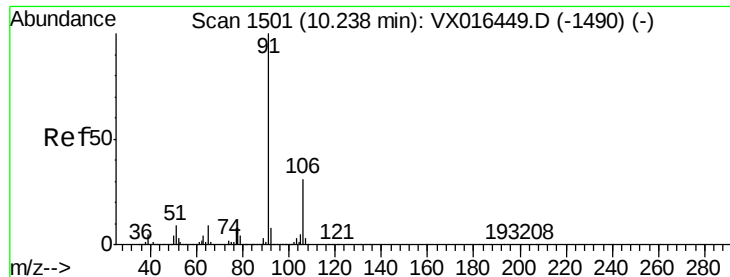


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.029 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

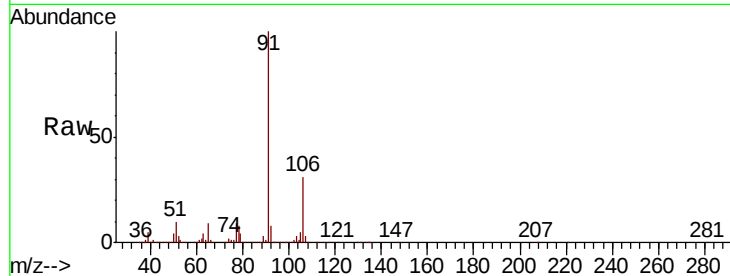
VSTDCCC050

Tot Ion: 91 Resp: 852684

Ion Ratio Lower Upper

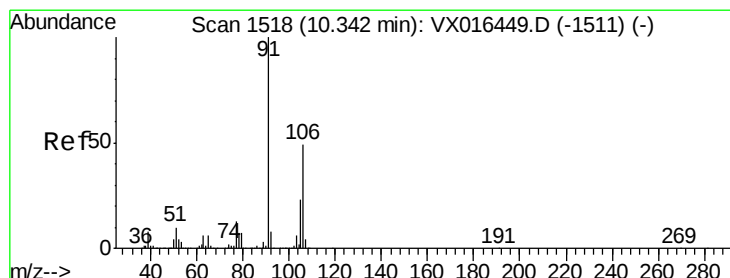
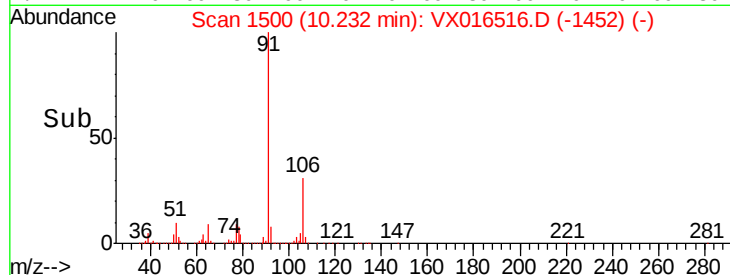
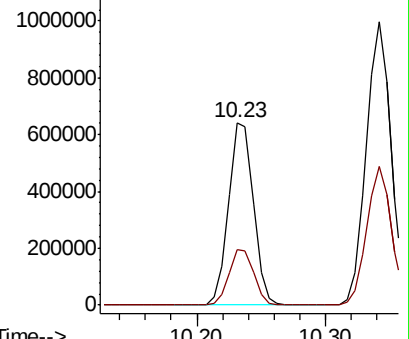
91 100

106 30.6 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 110.492 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016516.D

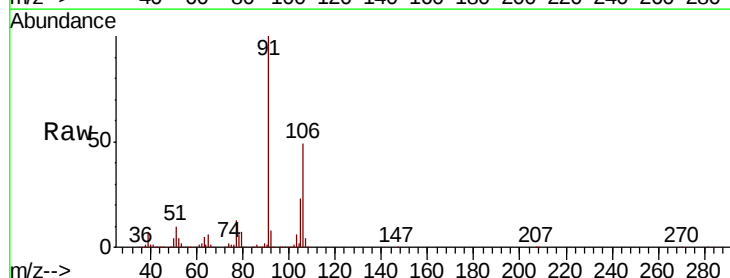
Acq: 01 Jun 2020 09:51

Tgt Ion: 106 Resp: 646543

Ion Ratio Lower Upper

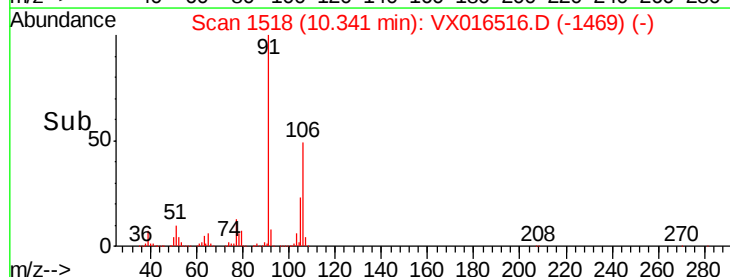
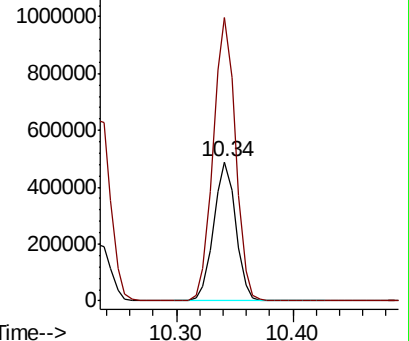
106 100

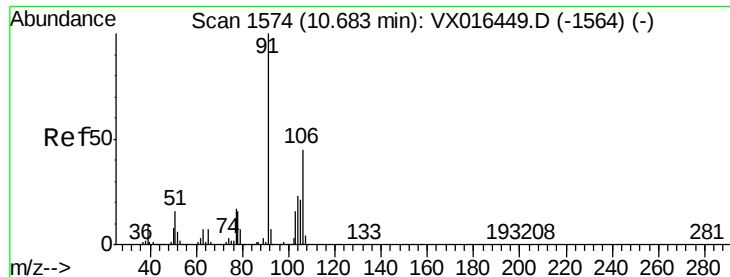
91 205.2 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

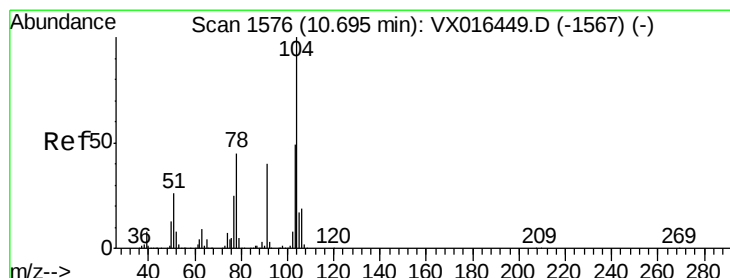
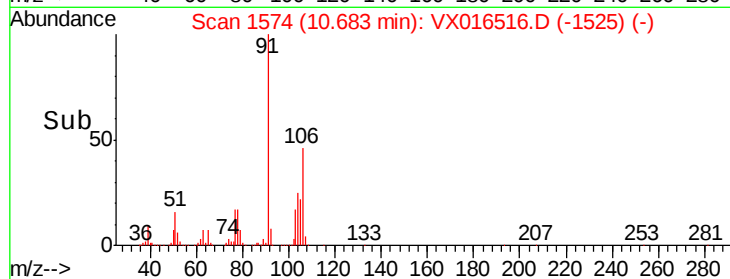
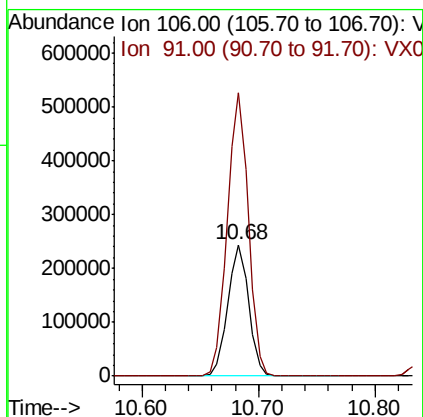
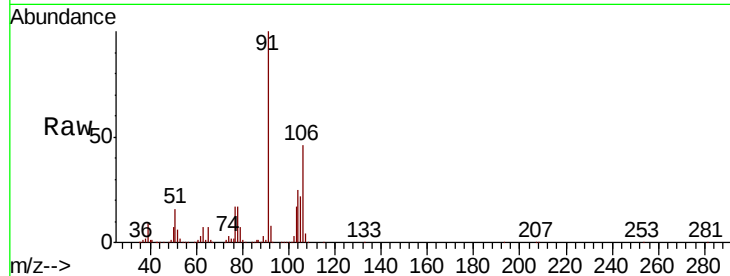




#69
o-Xylene
Concen: 53.900 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

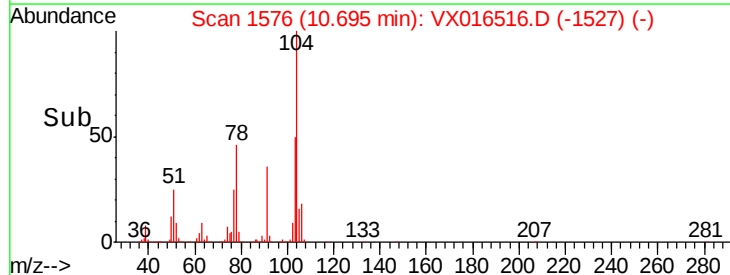
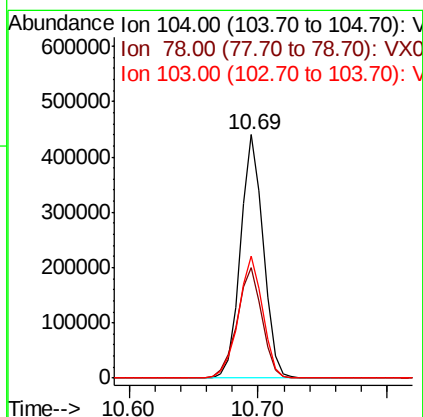
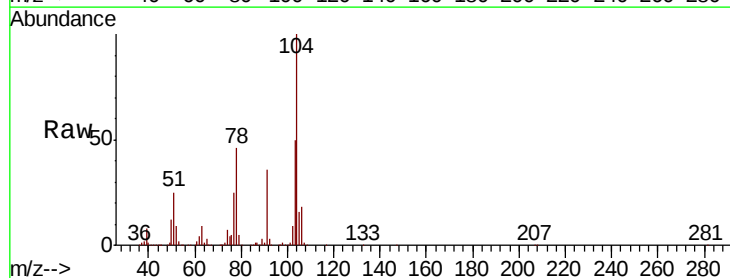
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

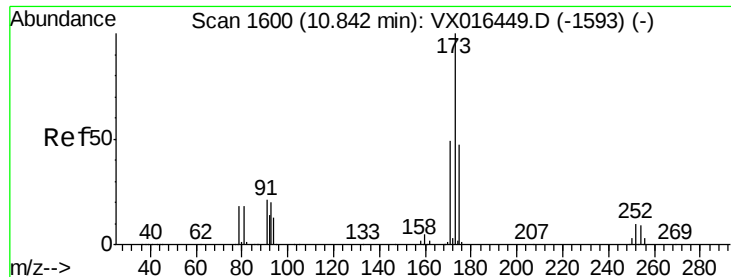
Tot Ion:106 Resp: 305447
Ion Ratio Lower Upper
106 100
91 216.7 109.6 328.8



#70
Styrene
Concen: 55.129 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion:104 Resp: 536987
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.2
103 53.7 43.1 64.7





#71

Bromoform

Concen: 54.325 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

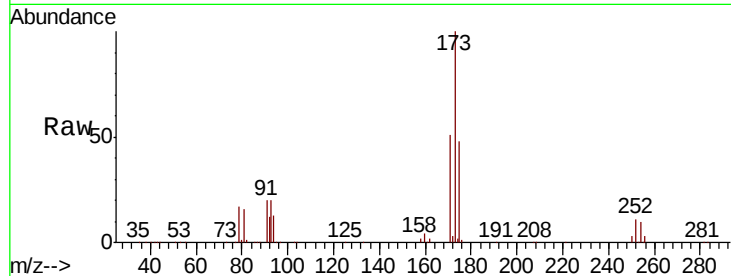
Tot Ion:173 Resp: 155352

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.7

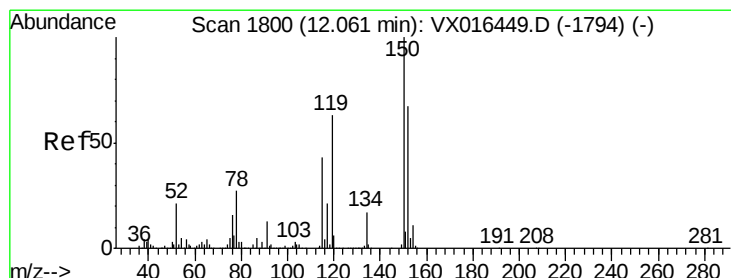
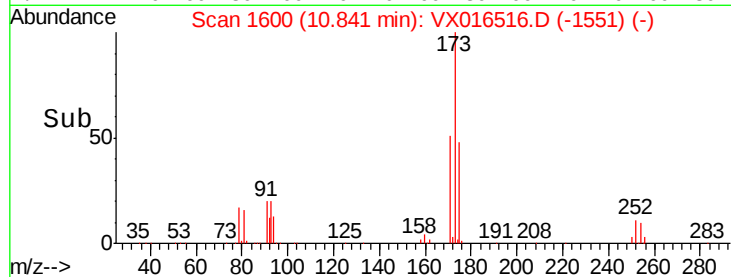
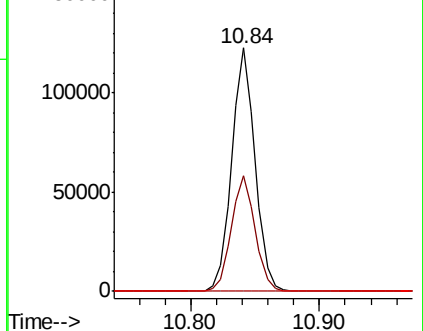
254 0.1 0.1 0.1#



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: VX016516.D

Acq: 01 Jun 2020 09:51

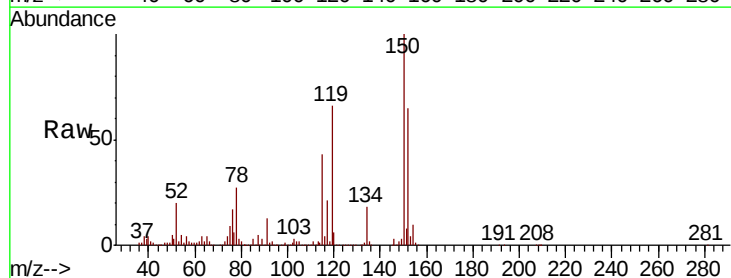
Tgt Ion:152 Resp: 216688

Ion Ratio Lower Upper

152 100

115 83.0 39.9 119.6

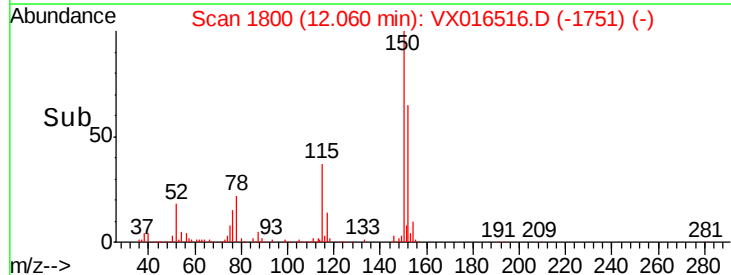
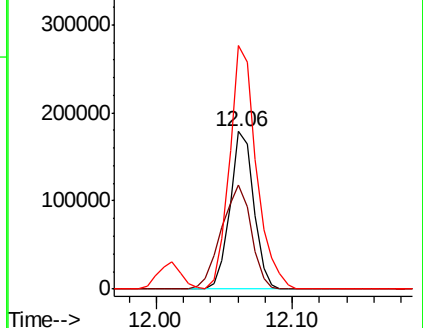
150 174.4 0.0 341.0

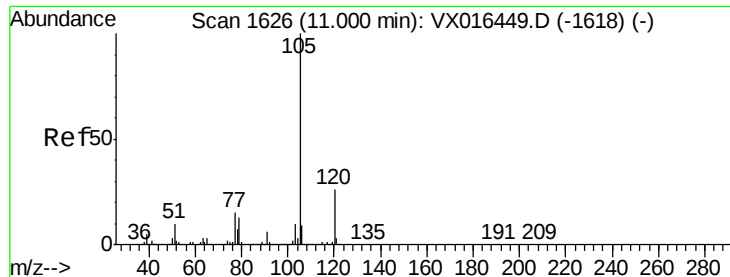


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.775 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

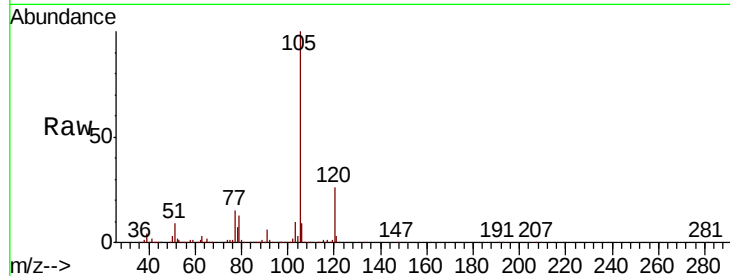
VSTDCCC050

Tot Ion:105 Resp: 822388

Ion Ratio Lower Upper

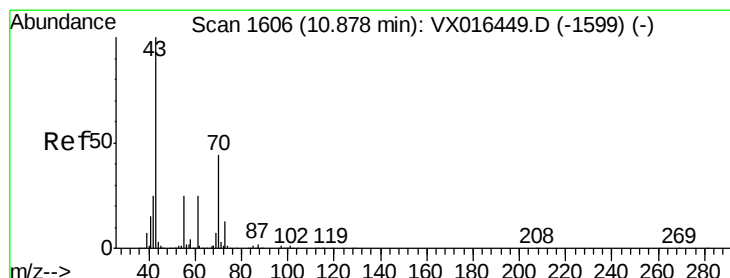
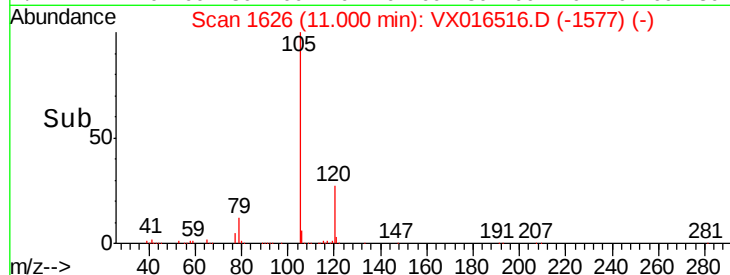
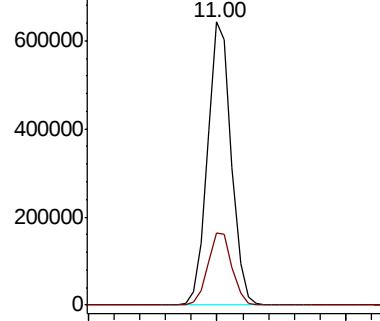
105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.828 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion: 43 Resp: 357927

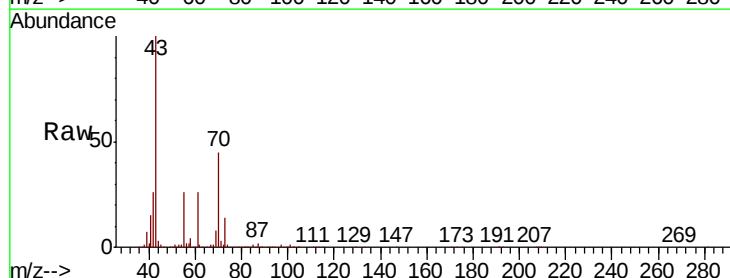
Ion Ratio Lower Upper

43 100

70 46.6 36.1 54.1

55 25.7 20.2 30.4

61 26.3 20.3 30.5

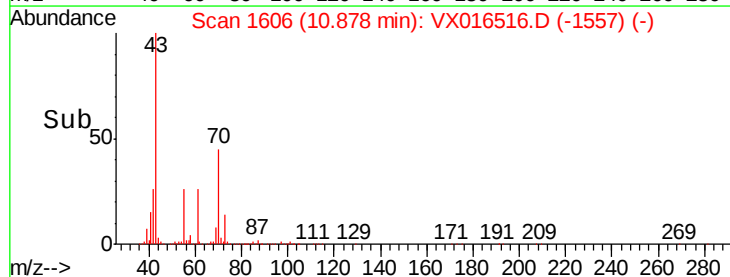
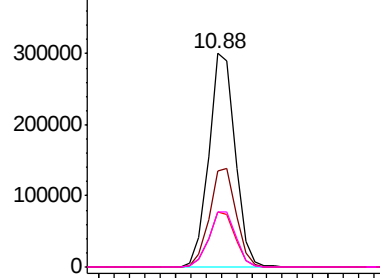


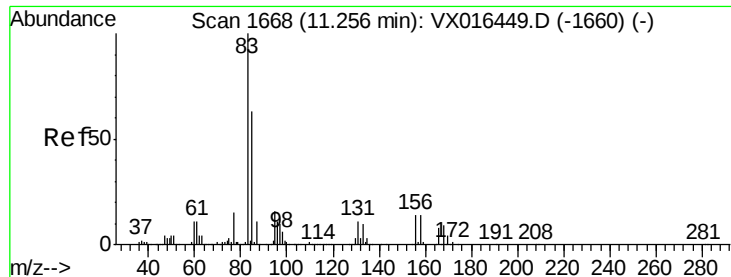
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.181 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

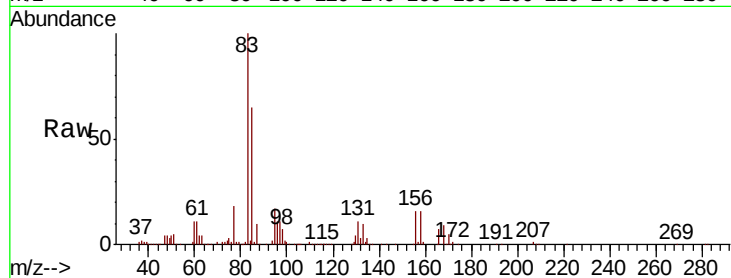
Tot Ion: 83 Resp: 177531

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

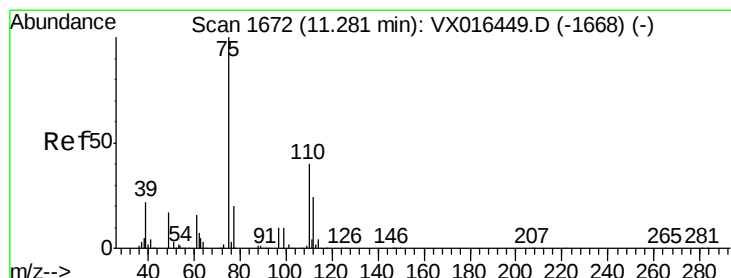
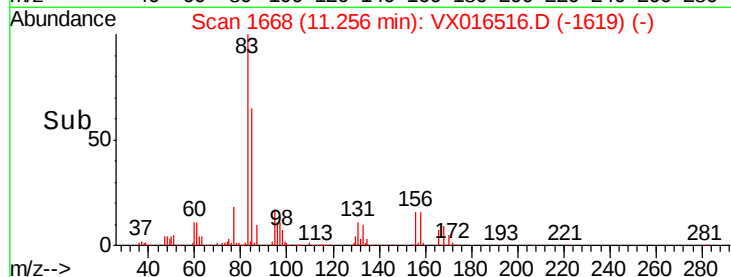
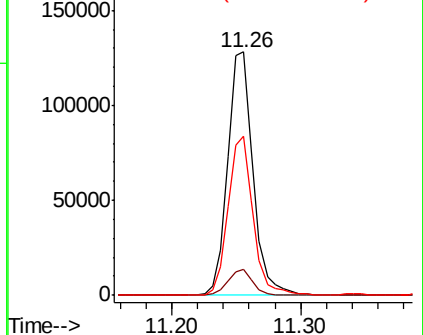
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.394 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016516.D

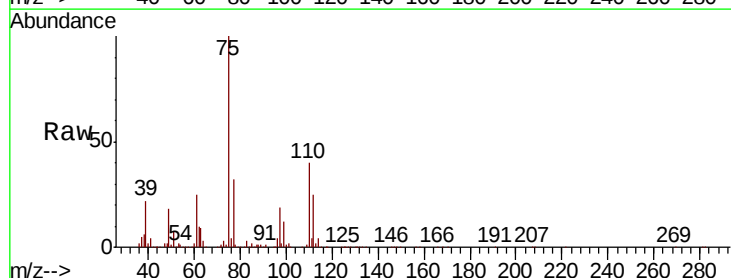
Acq: 01 Jun 2020 09:51

Tgt Ion: 75 Resp: 335281

Ion Ratio Lower Upper

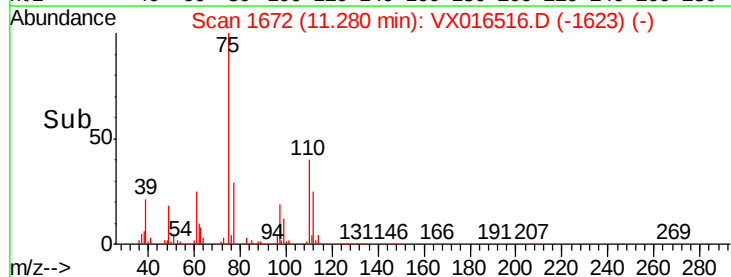
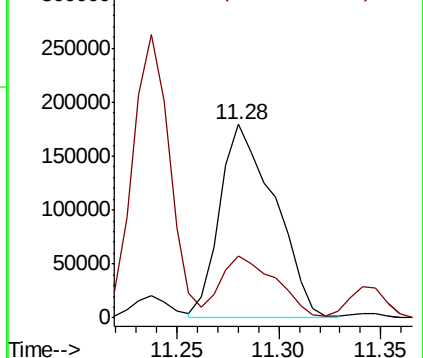
75 100

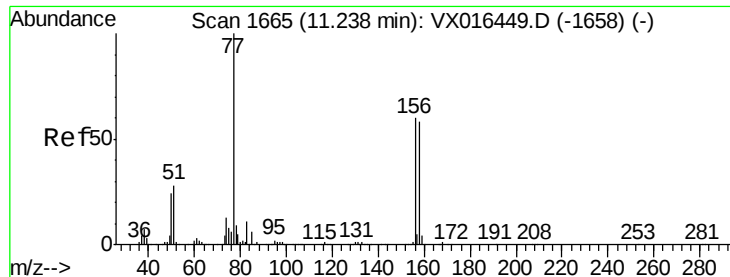
77 32.0 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

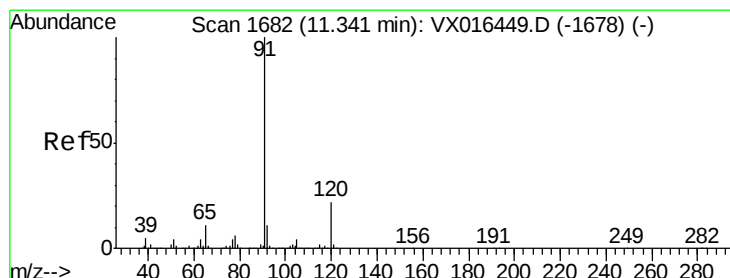
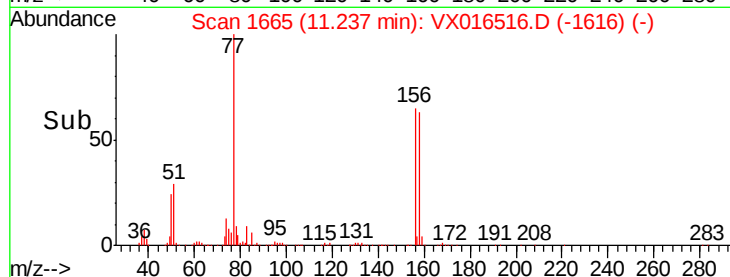
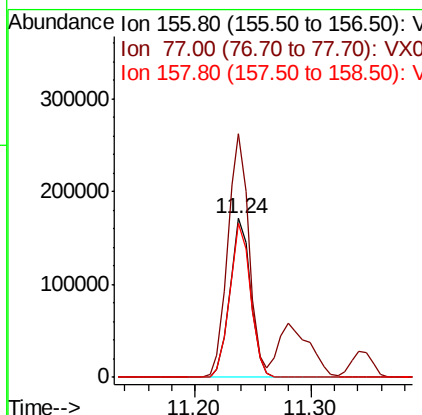
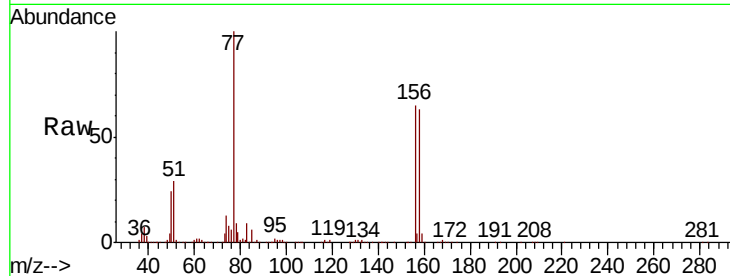




#77
Bromobenzene
Concen: 53.740 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

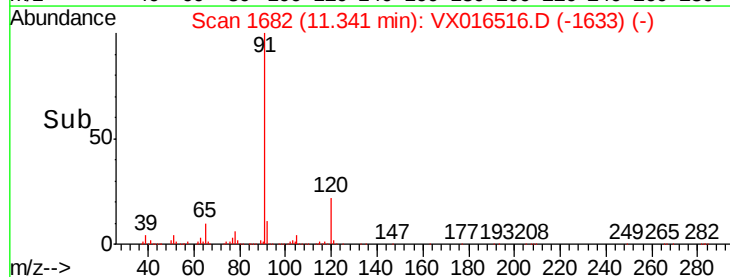
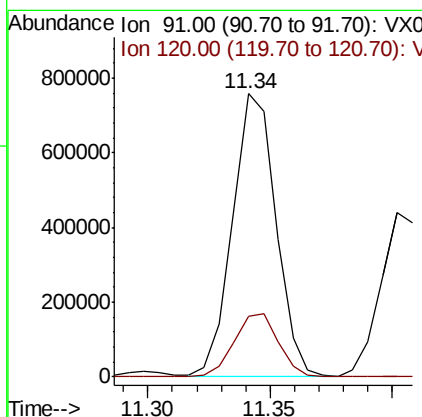
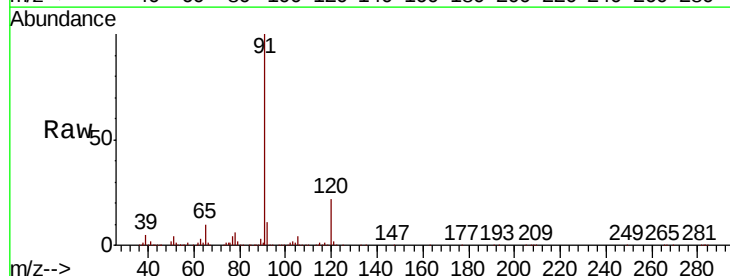
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

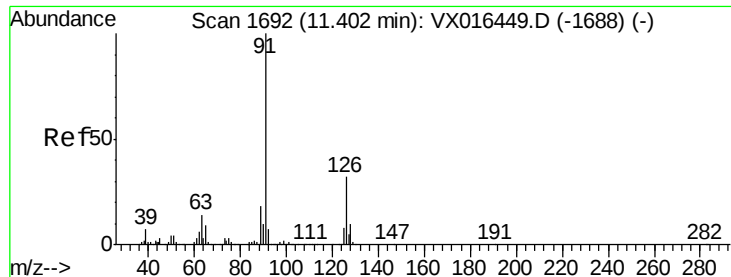
Tot Ion:156 Resp: 211622
Ion Ratio Lower Upper
156 100
77 156.9 79.6 238.8
158 97.5 48.1 144.4



#78
n-propylbenzene
Concen: 55.314 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 91 Resp: 927818
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7

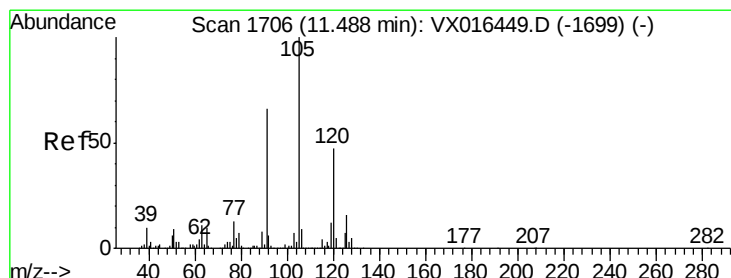
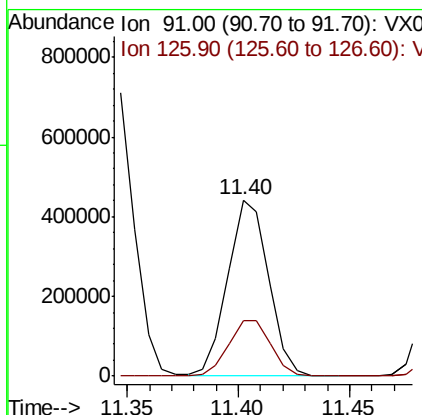
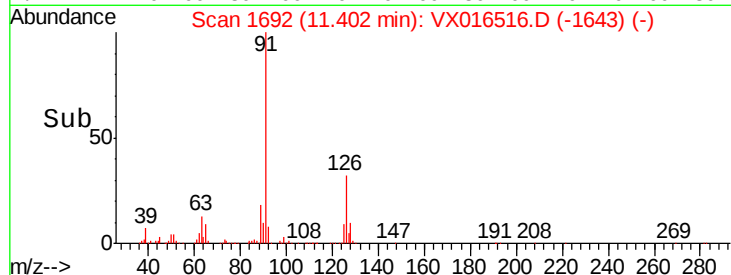
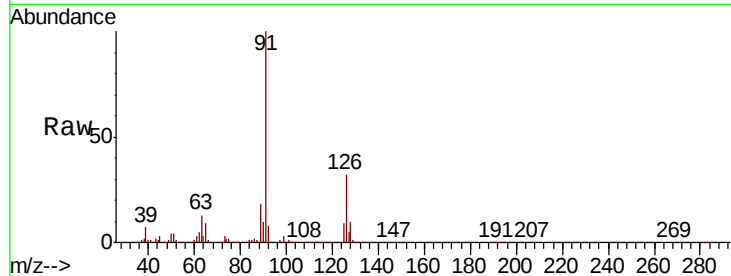




#79
 2-Chlorotoluene
 Concen: 54.848 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

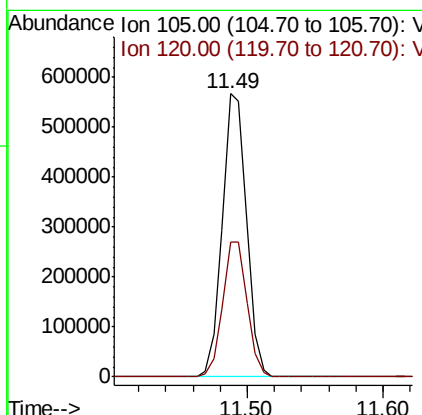
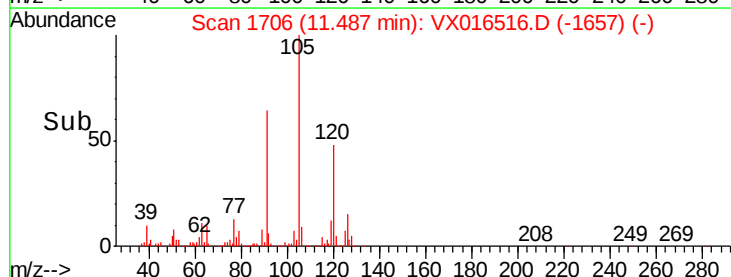
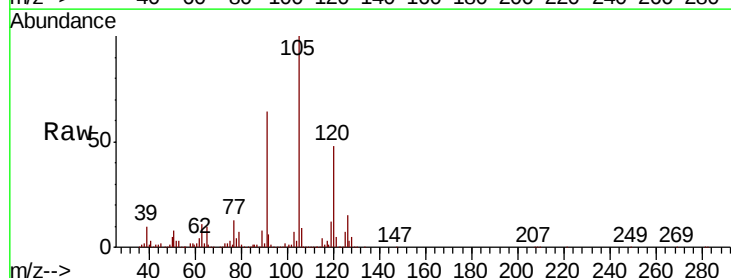
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

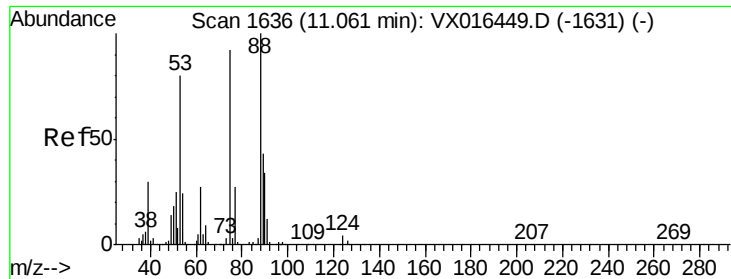
Tot Ion: 91 Resp: 561572
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 55.809 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion: 105 Resp: 699647
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.698 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

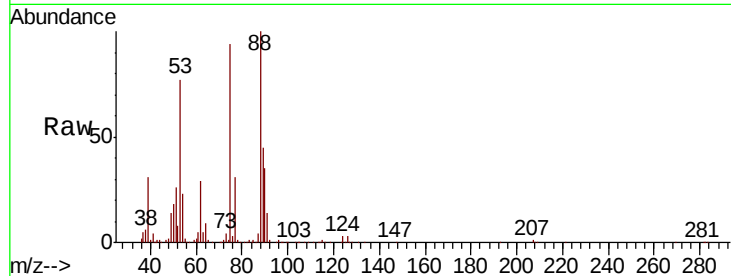
Tot Ion: 75 Resp: 103974

Ion Ratio Lower Upper

75 100

53 86.9 71.3 106.9

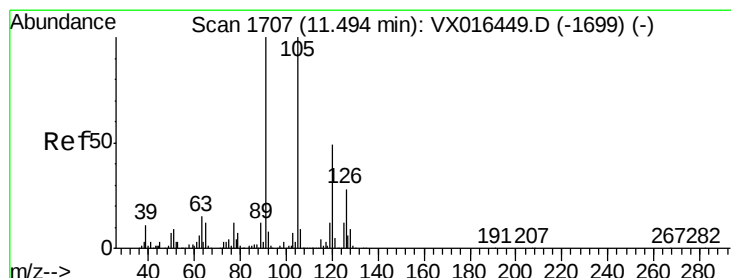
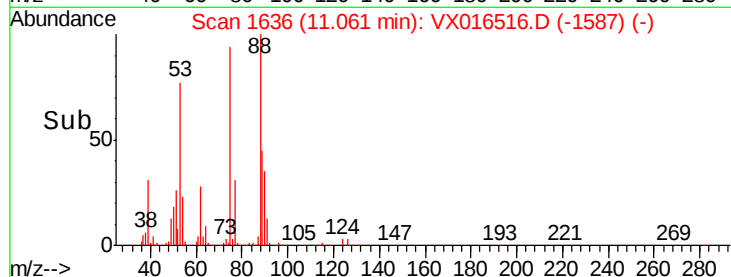
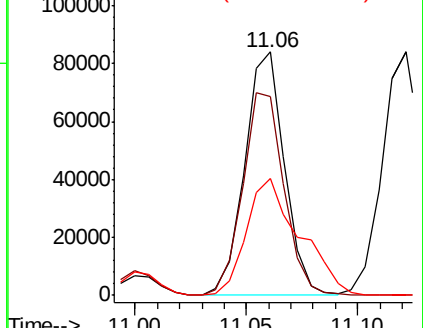
89 65.2 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.780 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016516.D

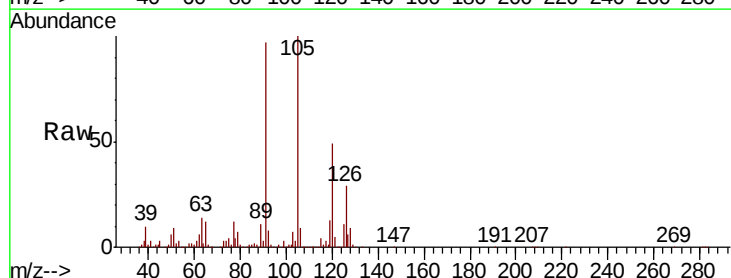
Acq: 01 Jun 2020 09:51

Tgt Ion: 91 Resp: 662333

Ion Ratio Lower Upper

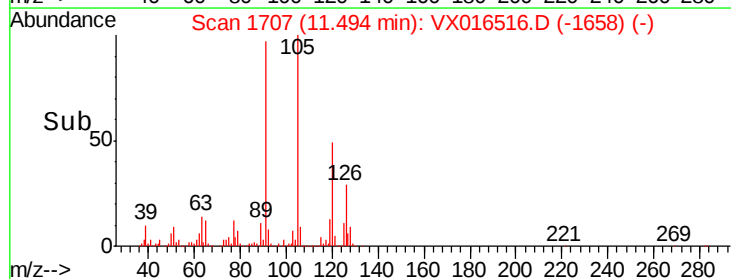
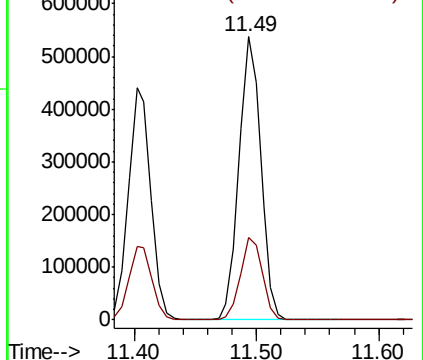
91 100

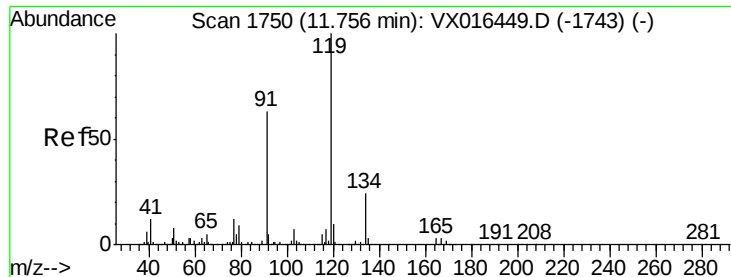
126 29.2 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.688 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

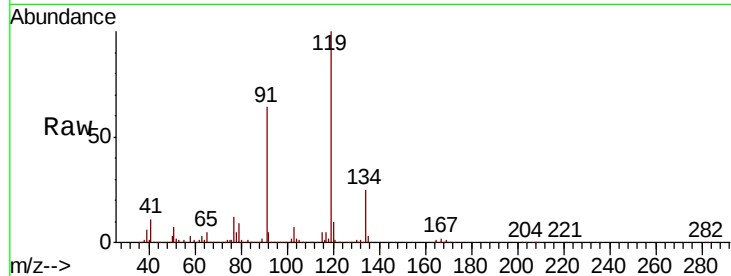
Tot Ion:119 Resp: 585804

Ion Ratio Lower Upper

119 100

91 63.4 31.3 93.8

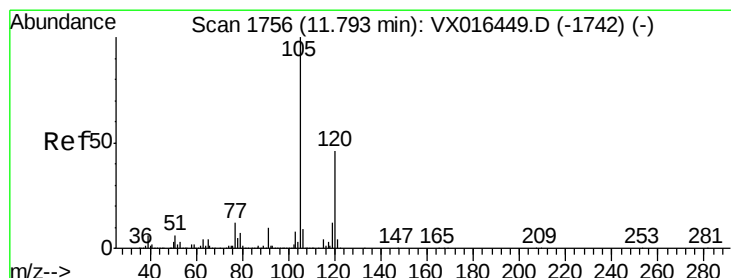
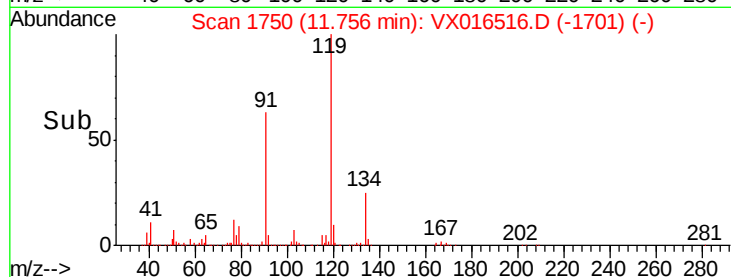
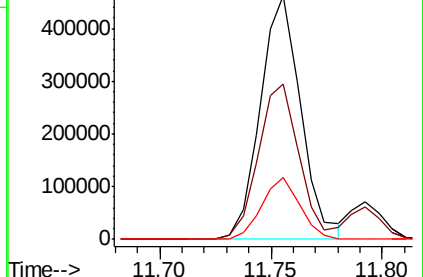
134 24.0 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.299 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016516.D

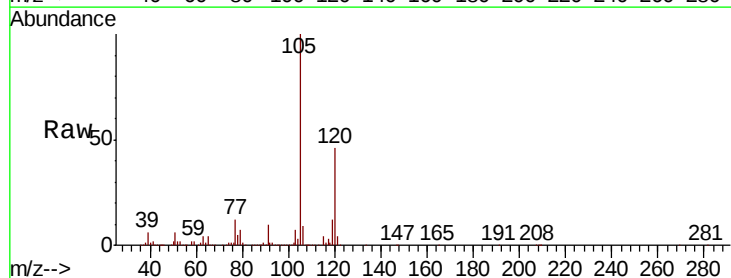
Acq: 01 Jun 2020 09:51

Tgt Ion:105 Resp: 701095

Ion Ratio Lower Upper

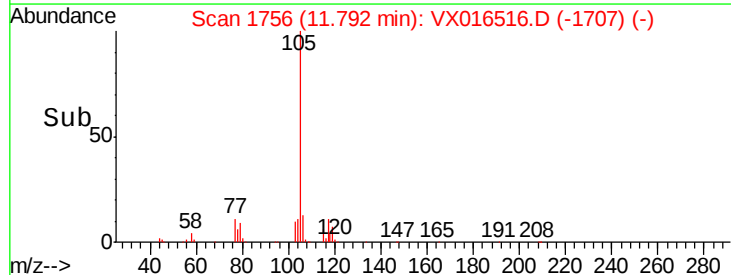
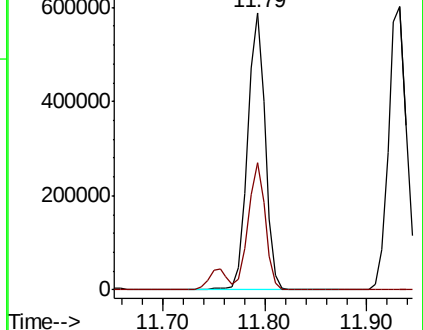
105 100

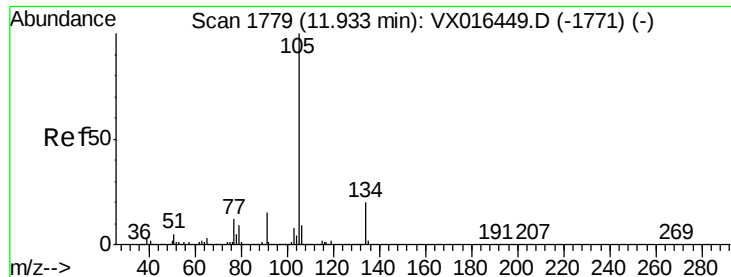
120 44.8 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.820 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

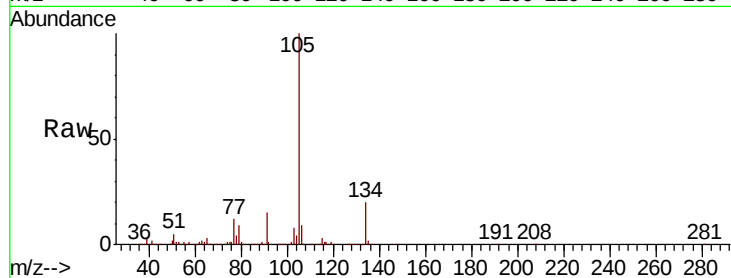
VSTDCCC050

Tot Ion:105 Resp: 750078

Ion Ratio Lower Upper

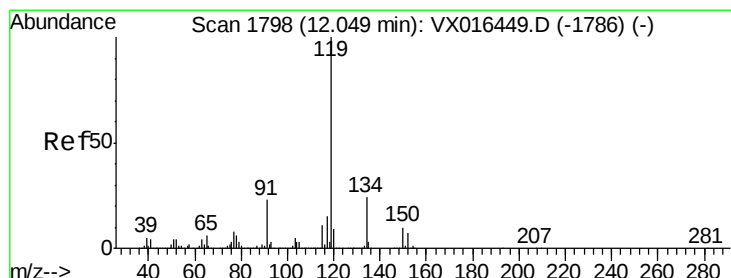
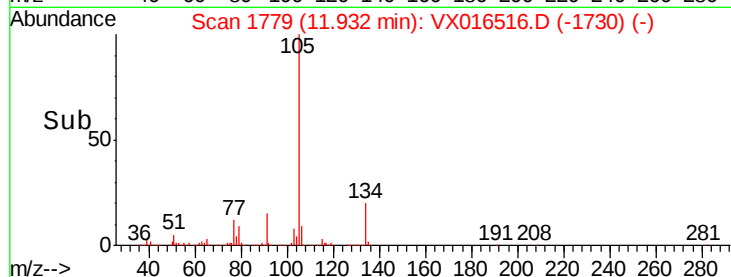
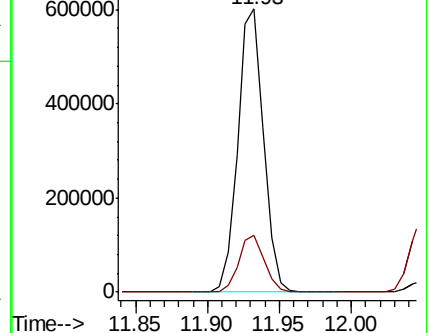
105 100

134 20.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.771 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

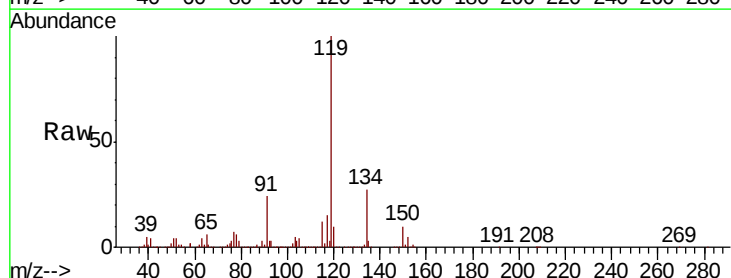
Tgt Ion:119 Resp: 714607

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

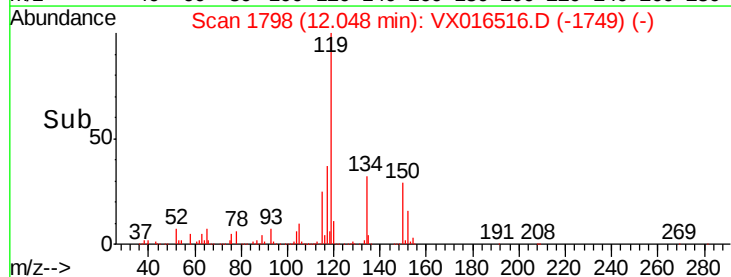
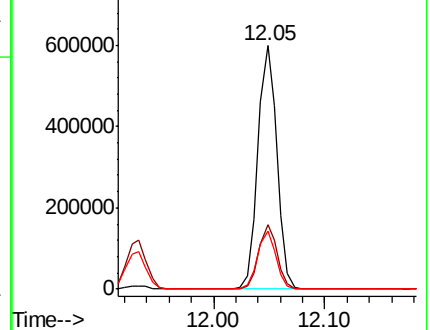
91 23.2 11.7 35.0

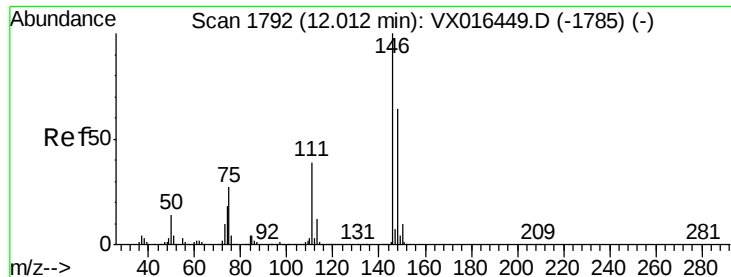


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 53.626 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

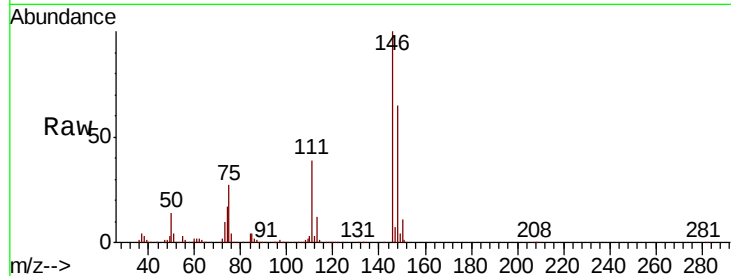
Tot Ion:146 Resp: 365851

Ion Ratio Lower Upper

146 100

111 40.8 20.0 60.0

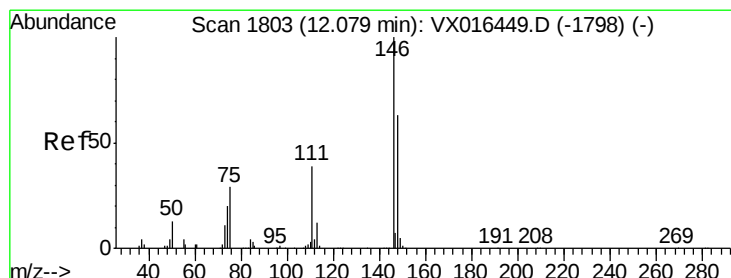
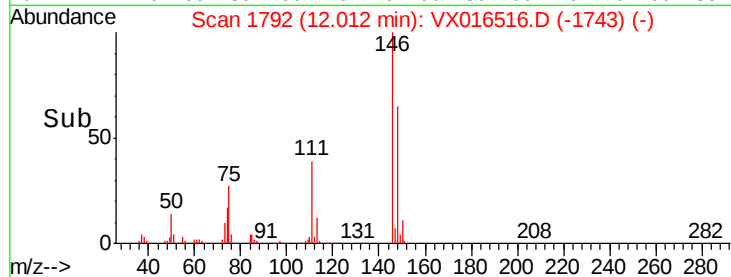
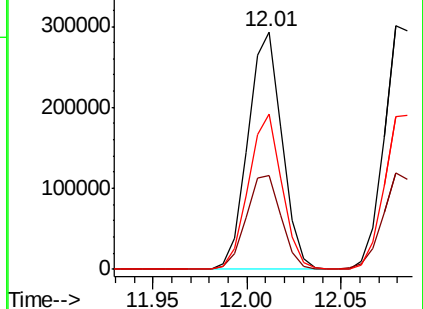
148 64.5 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 54.383 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

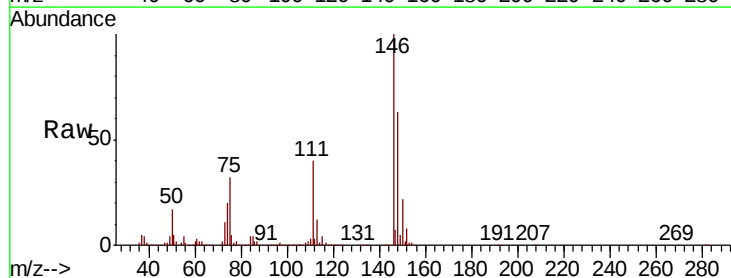
Tgt Ion:146 Resp: 379456

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

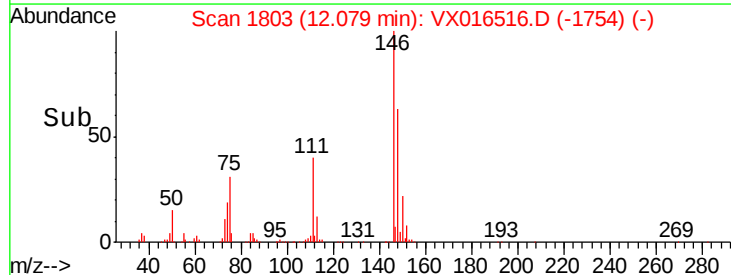
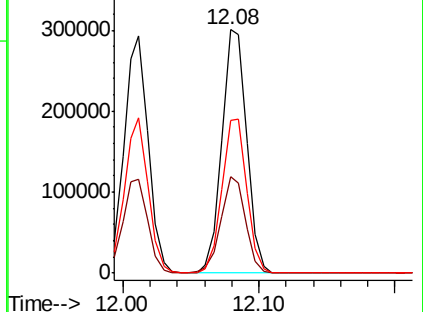
148 63.7 31.4 94.3

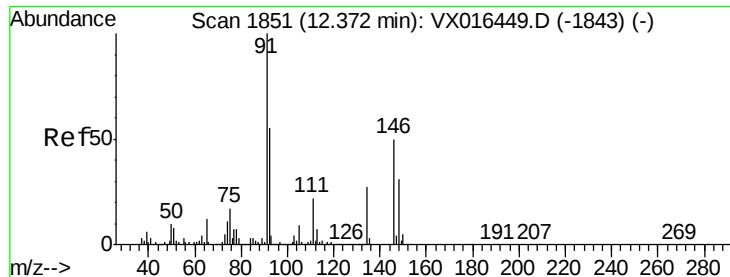


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

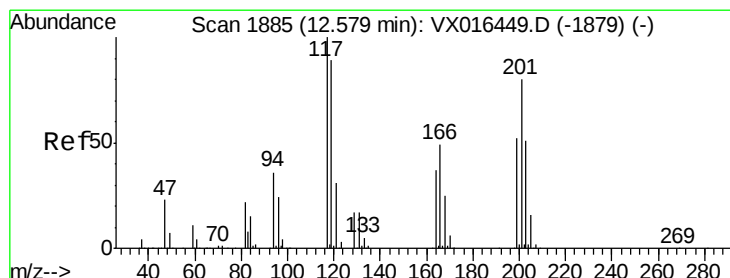
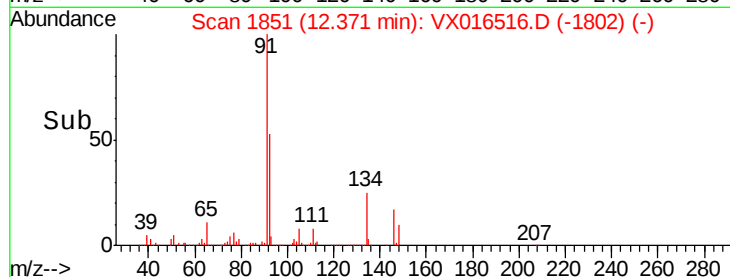
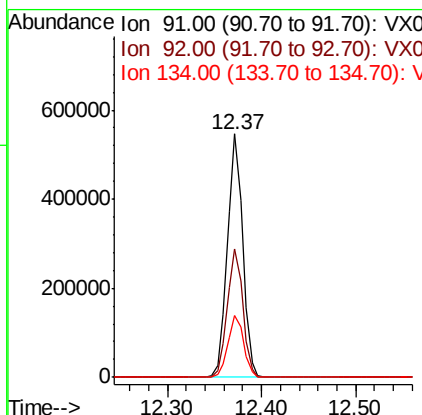
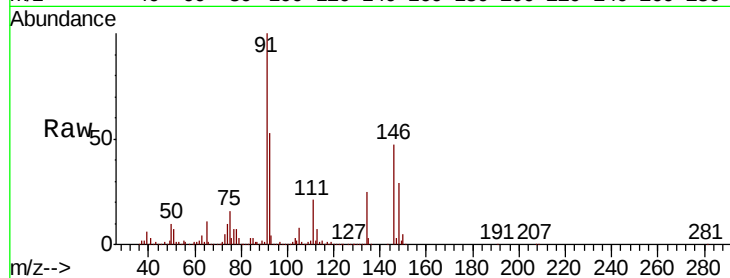




#89
n-Butylbenzene
Concen: 58.758 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

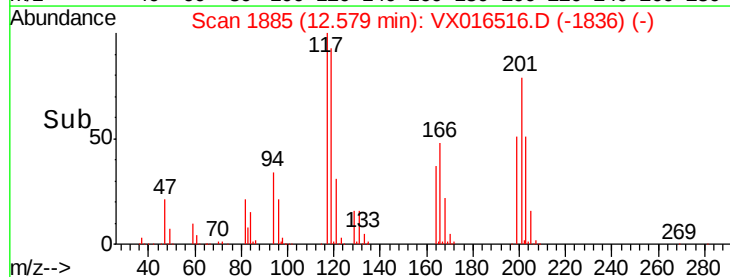
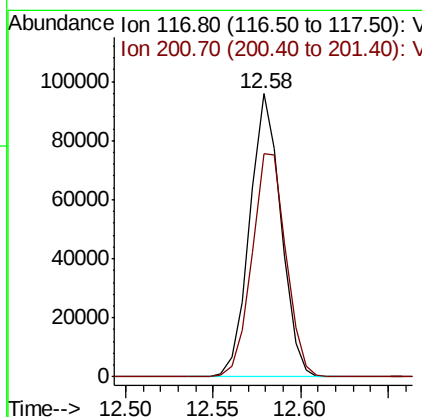
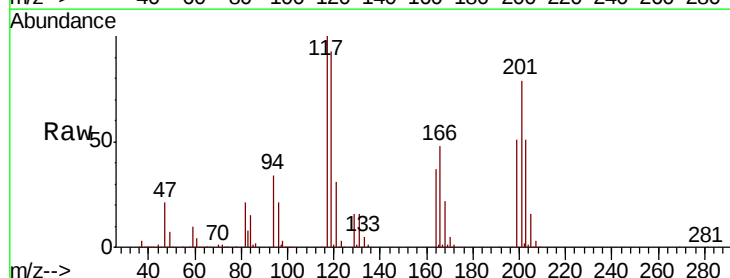
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

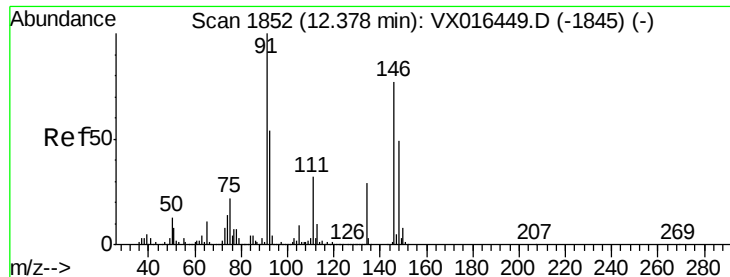
Tot Ion: 91 Resp: 616047
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.5
134 26.0 13.1 39.3



#90
Hexachloroethane
Concen: 54.794 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 117 Resp: 119133
Ion Ratio Lower Upper
117 100
201 85.6 43.1 129.3

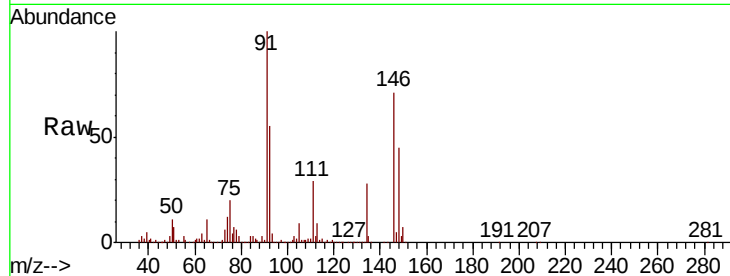




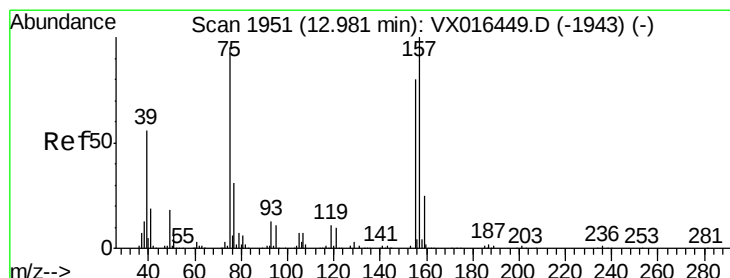
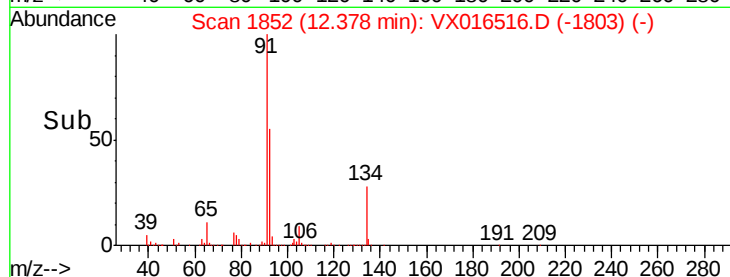
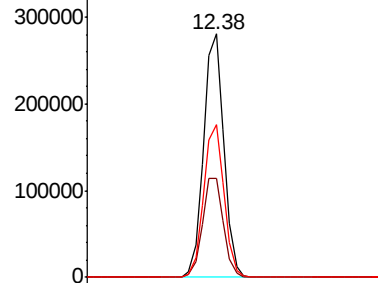
#91
 1,2-Dichlorobenzene
 Concen: 53.158 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.3
148	63.0	31.9	95.7

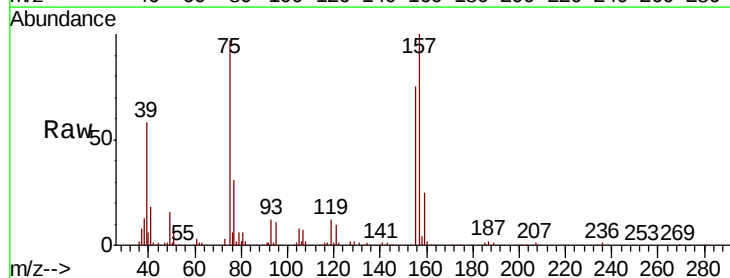


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

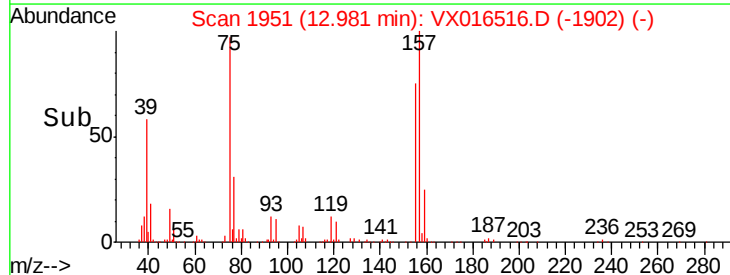
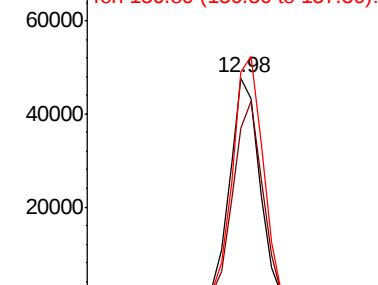


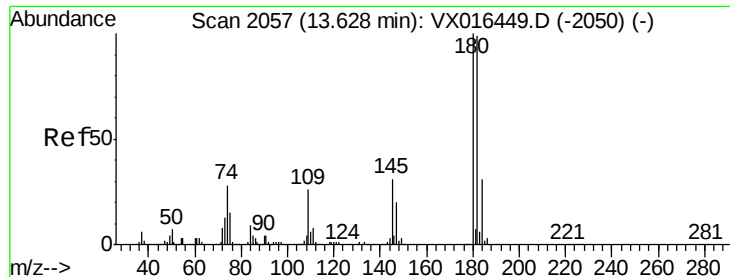
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.702 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	44.1	132.4
157	112.3	57.8	173.3



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

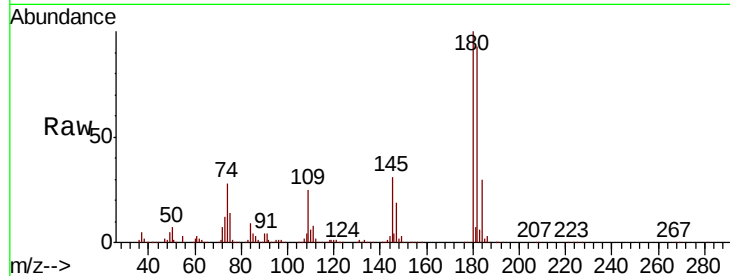




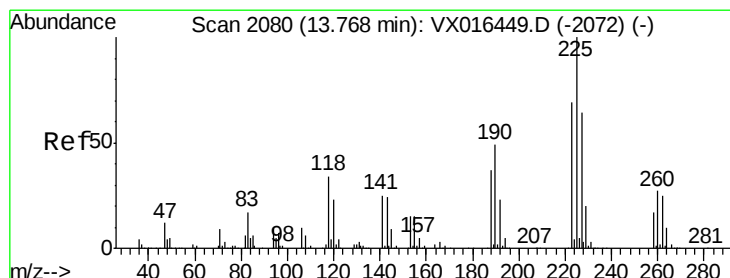
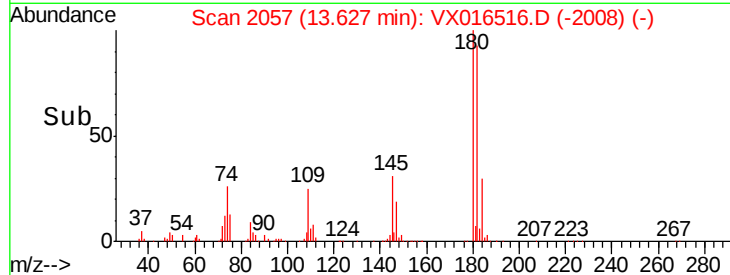
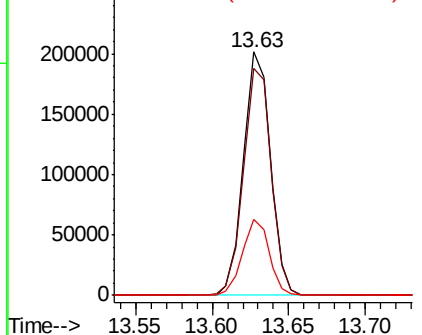
#93
 1,2,4-Trichlorobenzene
 Concen: 56.524 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 248126
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.3 144.8
 145 30.8 15.4 46.2

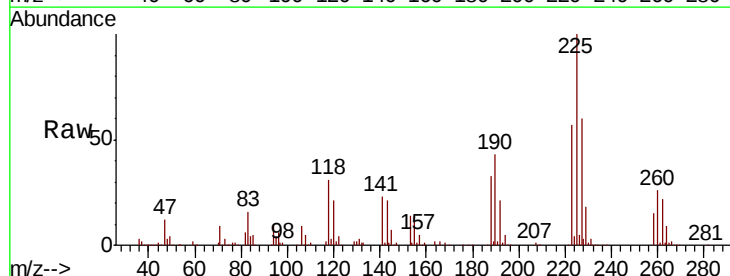


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

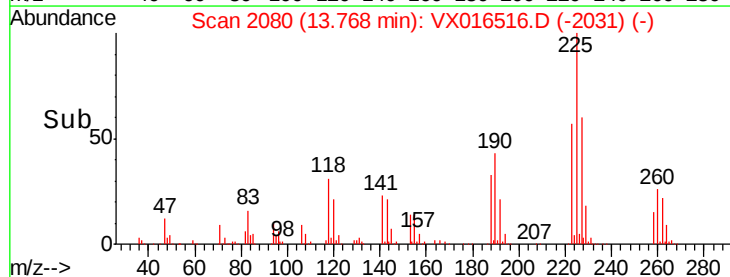
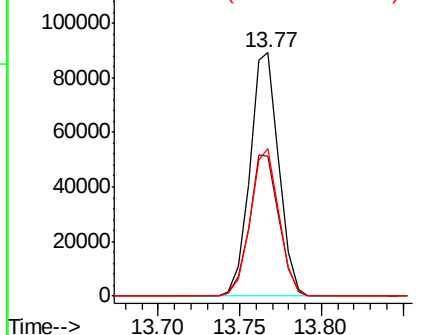


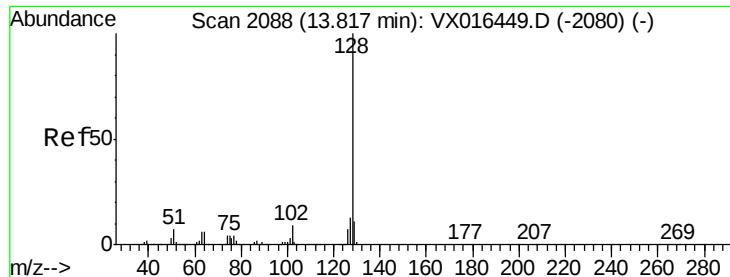
#94
 Hexachlorobutadiene
 Concen: 63.639 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion:225 Resp: 109684
 Ion Ratio Lower Upper
 225 100
 223 59.4 32.3 96.8
 227 60.2 31.6 94.7



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

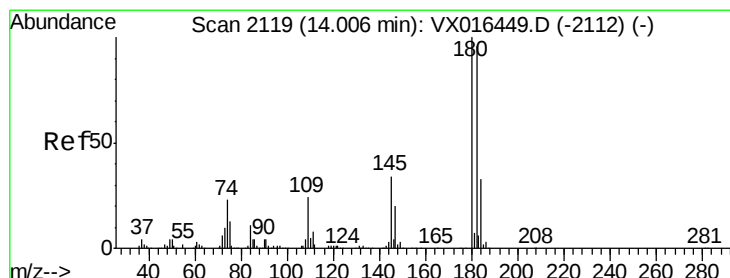
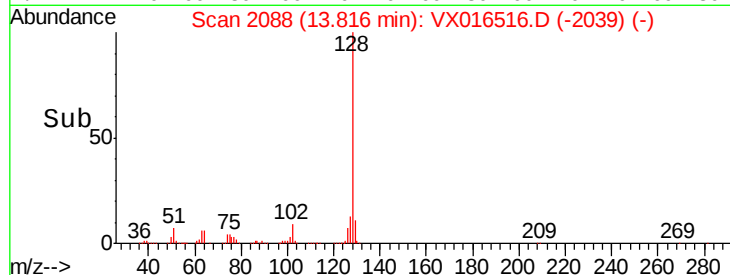
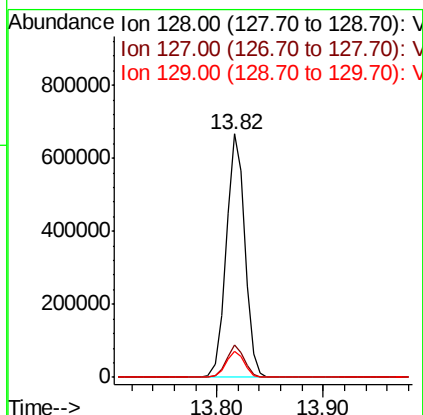
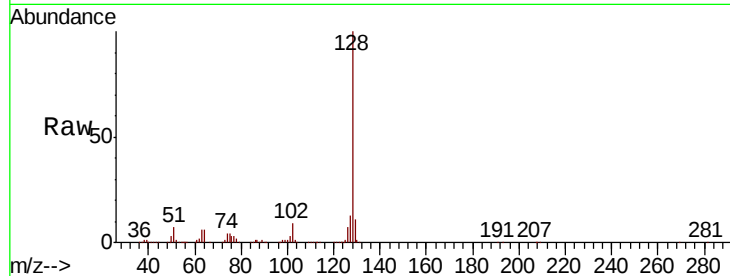




#95
Naphthalene
Concen: 54.139 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 814714
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.380 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion:180 Resp: 242469
Ion Ratio Lower Upper
180 100
182 94.3 48.6 145.8
145 31.8 16.6 49.8

