

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015282.D
 Acq On : 16 Mar 2020 10:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 17 07:37:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	296805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	440860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	235275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	158146	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
35) Dibromofluoromethane	5.48	113	138905	49.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	8.71	98	529606	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	206555	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	124724	47.989	ug/l	100
3) Chloromethane	1.32	50	162619	44.171	ug/l	100
4) Vinyl Chloride	1.40	62	165778	44.407	ug/l	99
5) Bromomethane	1.63	94	98795	43.046	ug/l	99
6) Chloroethane	1.72	64	104173	46.519	ug/l	99
7) Trichlorofluoromethane	1.92	101	211682	47.655	ug/l	97
8) Diethyl Ether	2.18	74	93182	46.315	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139101	49.773	ug/l	99
10) Methyl Iodide	2.50	142	150503	47.666	ug/l	99
11) Tert butyl alcohol	3.03	59	145264	237.776	ug/l	99
12) 1,1-Dichloroethene	2.36	96	135832	47.094	ug/l	98
13) Acrolein	2.28	56	136338	237.470	ug/l	98
14) Allyl chloride	2.72	41	267145	53.119	ug/l	93
15) Acrylonitrile	3.12	53	393660	258.739	ug/l	99
16) Acetone	2.43	43	379949	266.439	ug/l	97
17) Carbon Disulfide	2.56	76	357990	44.693	ug/l	99
18) Methyl Acetate	2.76	43	178042	51.060	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	461233	51.174	ug/l	97
20) Methylene Chloride	2.84	84	159335	47.744	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	148782	48.310	ug/l	98
22) Diisopropyl ether	3.84	45	542697	54.163	ug/l	95
23) Vinyl Acetate	3.80	43	2213433	268.739	ug/l	99
24) 1,1-Dichloroethane	3.69	63	280856	50.504	ug/l	98
25) 2-Butanone	4.65	43	561455	268.935	ug/l	99
26) 2,2-Dichloropropane	4.57	77	224012	50.743	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	171276	49.572	ug/l	98
28) Bromochloromethane	5.00	49	134063	52.942	ug/l	95
29) Tetrahydrofuran	5.11	42	351334	261.069	ug/l	95
30) Chloroform	5.20	83	269659	49.751	ug/l	98
31) Cyclohexane	5.56	56	255035	51.416	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	226333	50.375	ug/l	99
36) 1,1-Dichloropropene	5.78	75	206718	50.721	ug/l	99
37) Ethyl Acetate	4.81	43	210374	55.647	ug/l	100
38) Carbon Tetrachloride	5.77	117	198561	51.614	ug/l	98

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Quant Time: Mar 17 07:37:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	259228	54.472	ug/l	99
40) Benzene	6.13	78	631713	52.244	ug/l	100
41) Methacrylonitrile	5.03	41	122464	53.930	ug/l	97
42) 1,2-Dichloroethane	6.17	62	205382	49.461	ug/l	99
43) Isopropyl Acetate	6.42	43	358161	53.853	ug/l	99
44) Trichloroethene	7.20	130	172209	51.139	ug/l	95
45) 1,2-Dichloropropane	7.50	63	172167	55.009	ug/l	97
46) Dibromomethane	7.65	93	105620	51.791	ug/l	98
47) Bromodichloromethane	7.89	83	213995	53.064	ug/l	98
48) Methyl methacrylate	7.76	41	178134	52.625	ug/l	98
49) 1,4-Dioxane	7.73	88	70086	957.637	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1086293	276.252	ug/l	100
52) Toluene	8.78	92	399217	53.997	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	241927	56.361	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	270119	55.664	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	162573	53.425	ug/l	97
56) Ethyl methacrylate	9.17	69	254816	58.707	ug/l	96
57) 1,3-Dichloropropane	9.36	76	276021	53.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	686018	290.120	ug/l	100
59) 2-Hexanone	9.48	43	841709	288.798	ug/l	99
60) Dibromochloromethane	9.57	129	177585	55.555	ug/l	99
61) 1,2-Dibromoethane	9.67	107	167473	52.397	ug/l	100
64) Tetrachloroethene	9.33	164	175906	51.257	ug/l	97
65) Chlorobenzene	10.13	112	444758	53.372	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	166006	52.831	ug/l	99
67) Ethyl Benzene	10.25	91	791755	55.952	ug/l	99
68) m/p-Xylenes	10.36	106	602210	111.856	ug/l	100
69) o-Xylene	10.69	106	294107	57.057	ug/l	99
70) Styrene	10.71	104	513628	58.114	ug/l	99
71) Bromoform	10.85	173	138513	56.845	ug/l #	100
73) Isopropylbenzene	11.01	105	799396	53.188	ug/l	100
74) N-amyl acetate	10.89	43	343894	54.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	252301	50.371	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	290773	61.958	ug/l	80
77) Bromobenzene	11.25	156	209877	50.107	ug/l	99
78) n-propylbenzene	11.35	91	952492	55.472	ug/l	100
79) 2-Chlorotoluene	11.42	91	554646	54.089	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	680766	54.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	87102	52.673	ug/l	95
82) 4-Chlorotoluene	11.50	91	637056	52.585	ug/l	100
83) tert-Butylbenzene	11.76	119	663770	54.867	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	683823	54.405	ug/l	99
85) sec-Butylbenzene	11.94	105	820737	56.199	ug/l	100
86) p-Isopropyltoluene	12.06	119	777033	57.751	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	393258	53.408	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	399947	52.611	ug/l	99
89) n-Butylbenzene	12.38	91	695522	58.120	ug/l	99
90) Hexachloroethane	12.59	117	136252	53.564	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	395430	54.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52756	52.599	ug/l	94

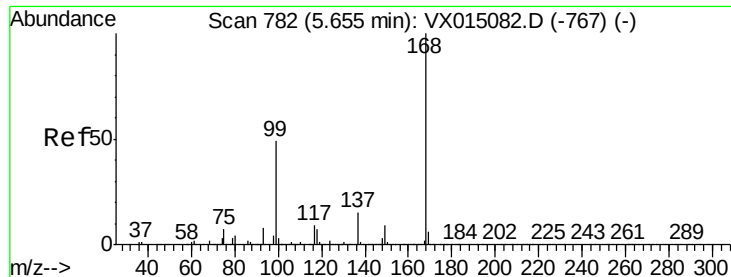
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	270356	53.204	ug/l	98
94) Hexachlorobutadiene	13.78	225	139335	53.435	ug/l	98
95) Naphthalene	13.83	128	764939	49.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	280799	55.384	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

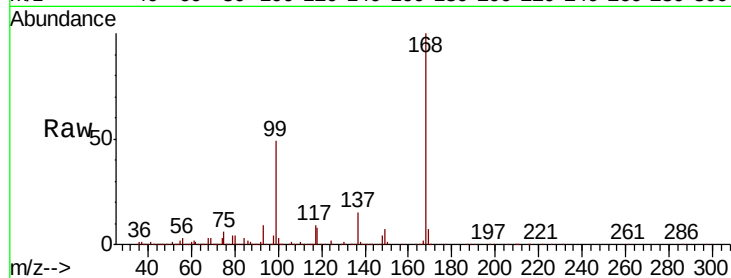
VSTDCCC050

Tot Ion:168 Resp: 296805

Ion Ratio Lower Upper

168 100

99 49.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

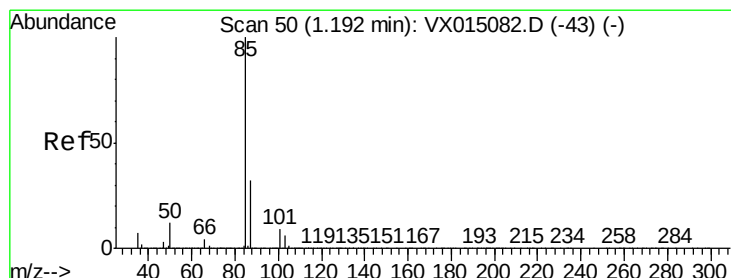
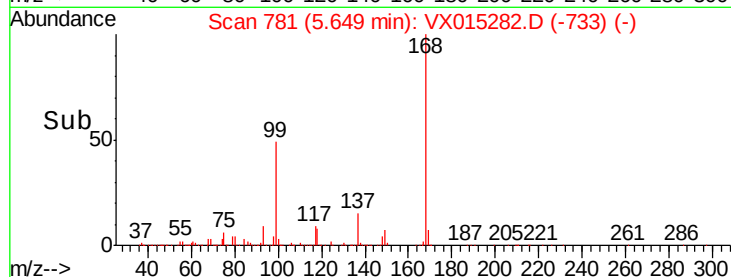
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.989 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015282.D

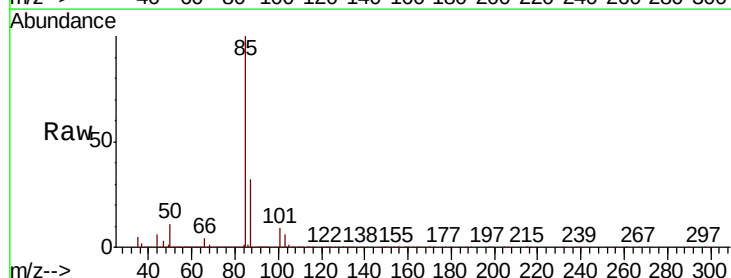
Acq: 16 Mar 2020 10:11

Tgt Ion: 85 Resp: 124724

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

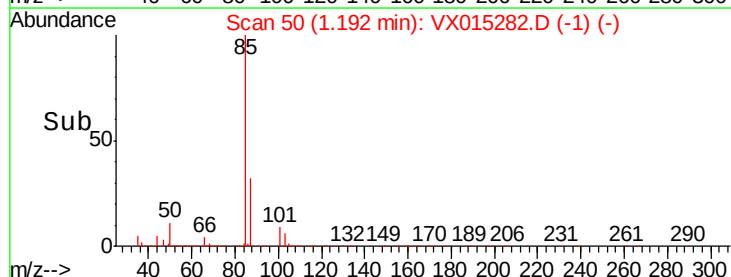
1.19

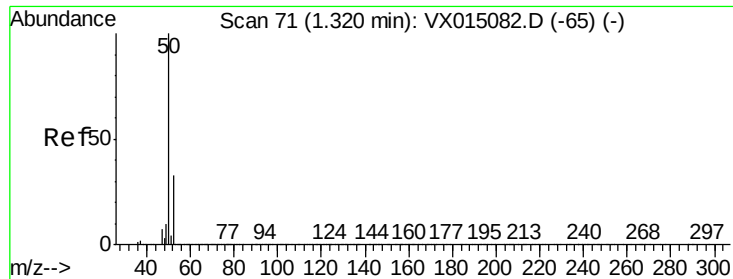
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.171 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

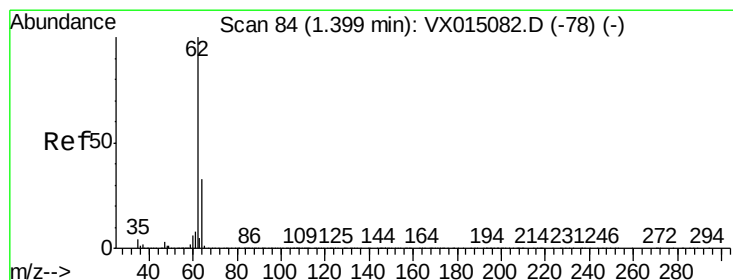
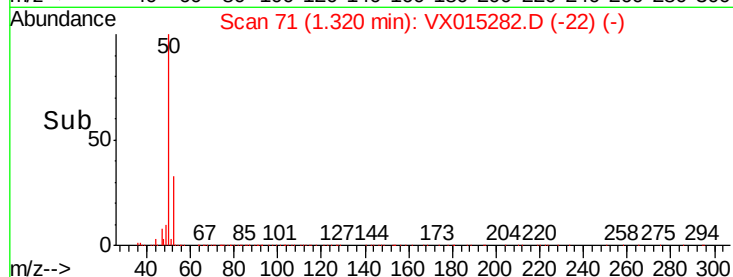
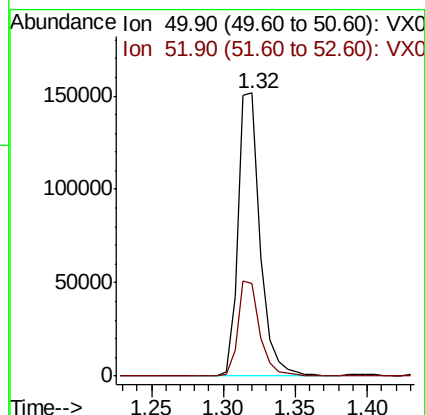
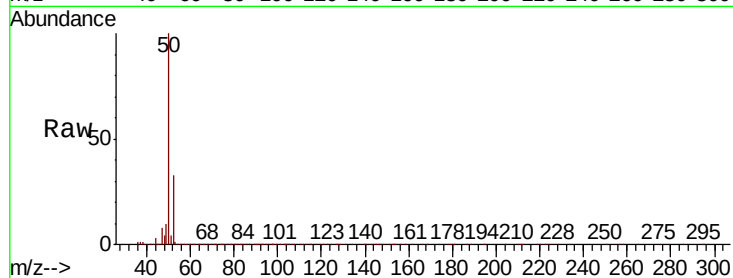
VSTDCCC050

Tot Ion: 50 Resp: 162619

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 44.407 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015282.D

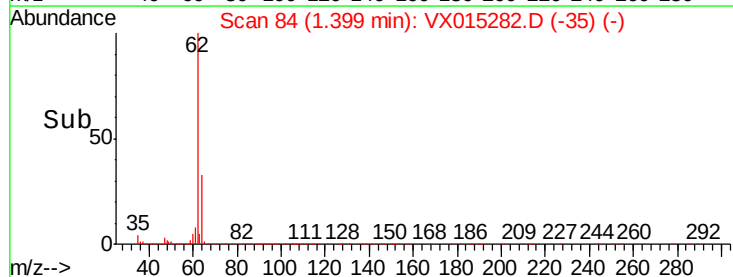
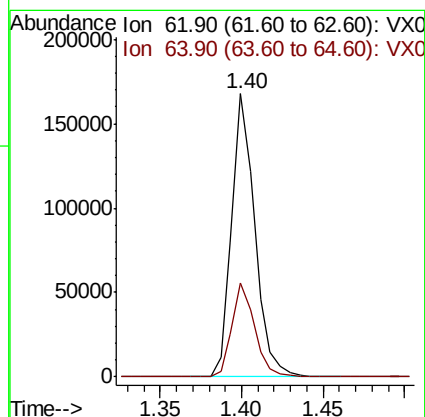
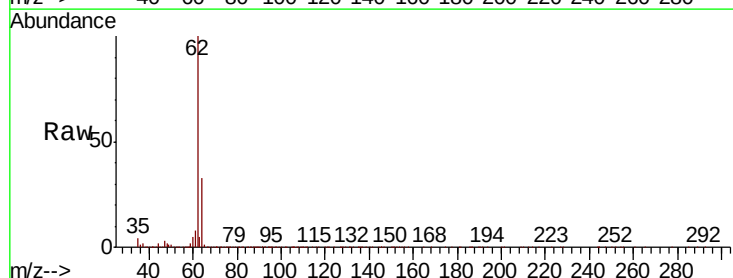
Acq: 16 Mar 2020 10:11

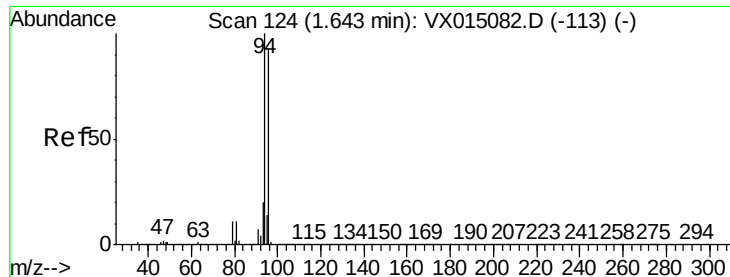
Tgt Ion: 62 Resp: 165778

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 43.046 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

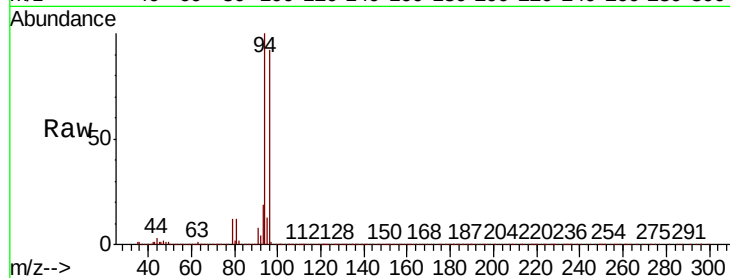
VSTDCCC050

Tot Ion: 94 Resp: 98795

Ion Ratio Lower Upper

94 100

96 92.1 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

120000

100000

80000

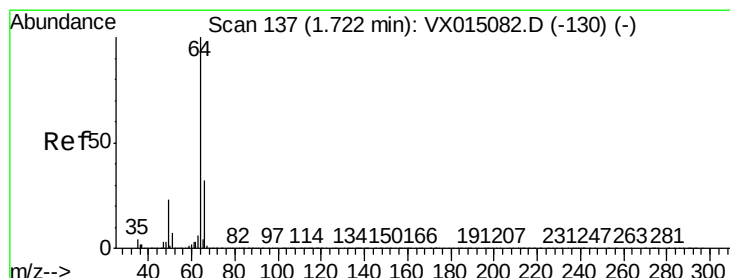
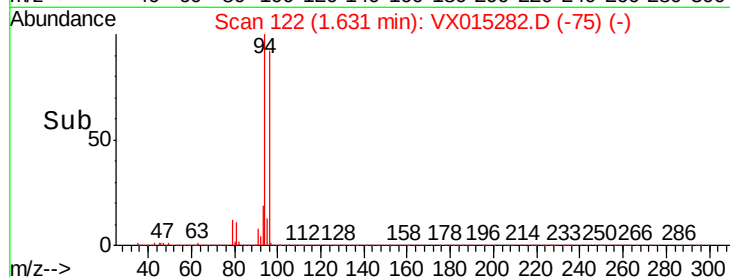
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 46.519 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015282.D

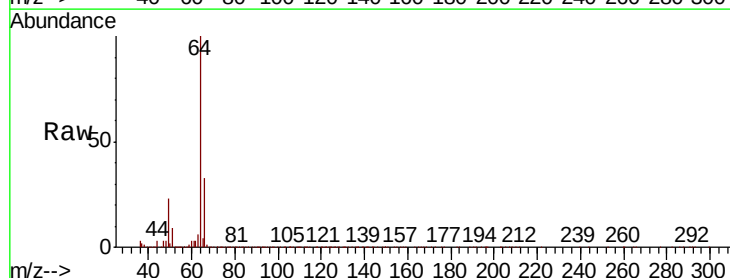
Acq: 16 Mar 2020 10:11

Tgt Ion: 64 Resp: 104173

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

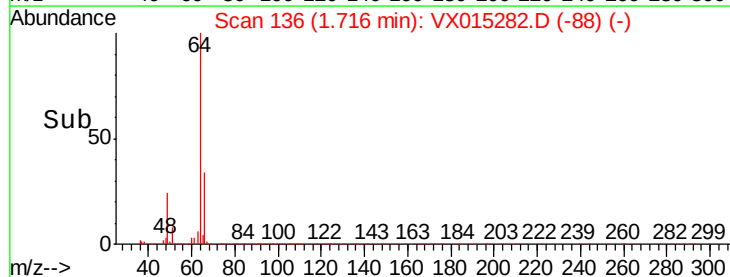
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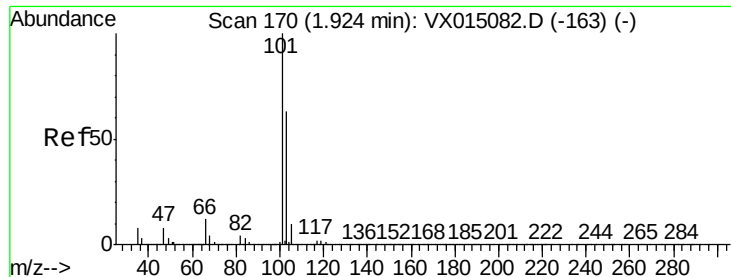
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Time-->



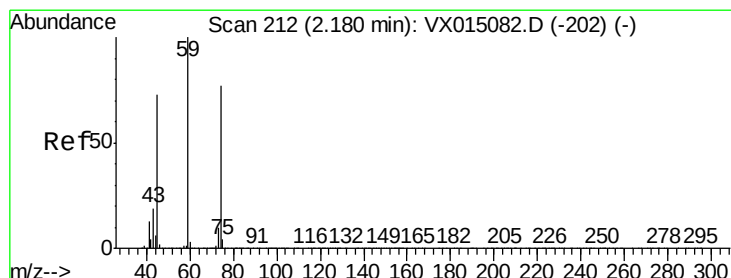
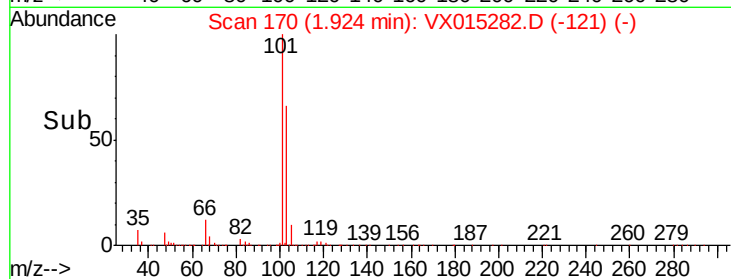
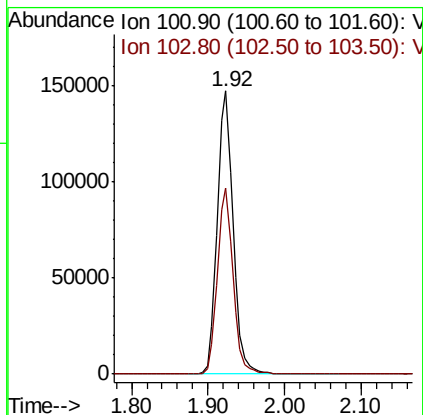
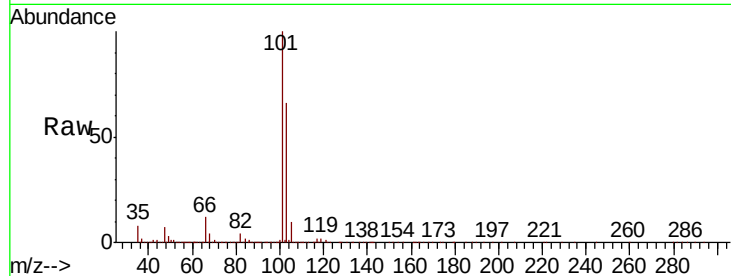


#7

Trichlorofluoromethane
Concen: 47.655 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
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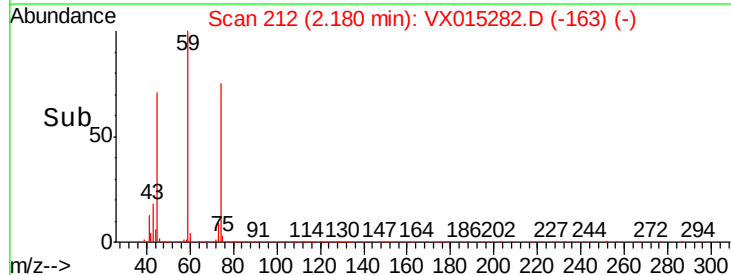
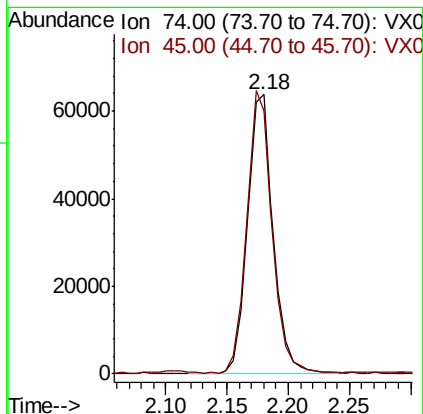
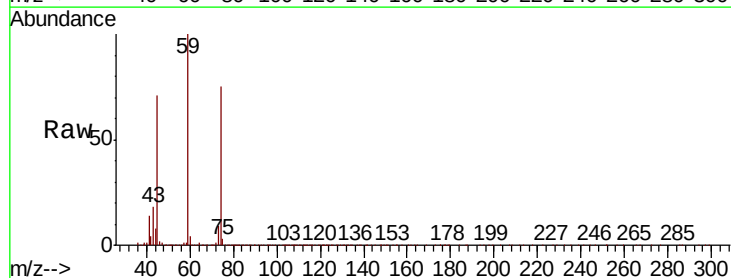
Tot Ion:101 Resp: 211682
Ion Ratio Lower Upper
101 100
103 65.7 50.4 75.6

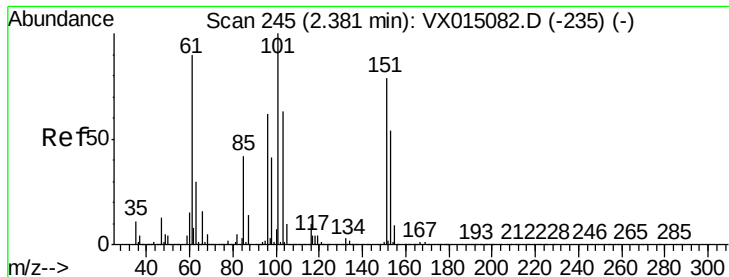


#8

Diethyl Ether
Concen: 46.315 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion: 74 Resp: 93182
Ion Ratio Lower Upper
74 100
45 98.7 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.773 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

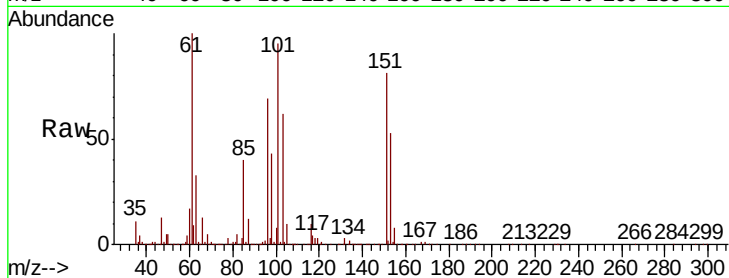
Tot Ion:101 Resp: 139101

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

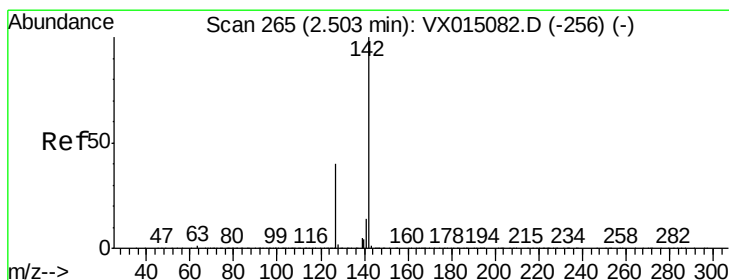
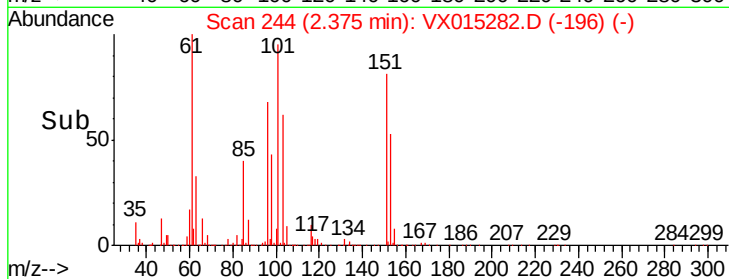
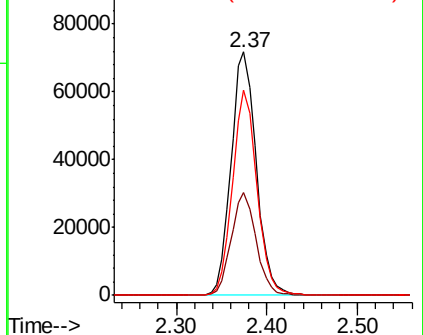
151 81.6 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.666 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

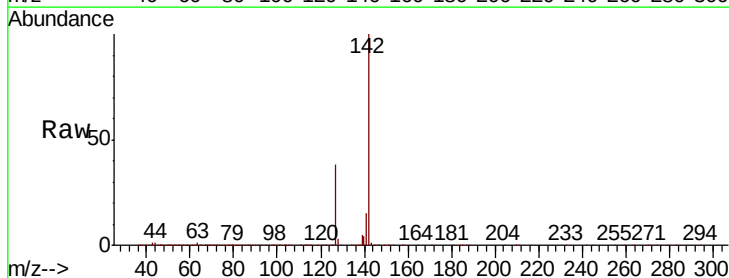
Tgt Ion:142 Resp: 150503

Ion Ratio Lower Upper

142 100

127 39.0 31.7 47.5

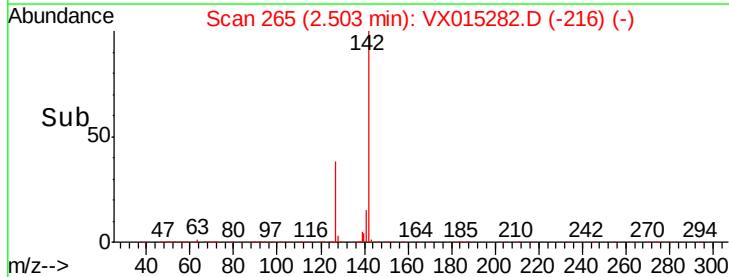
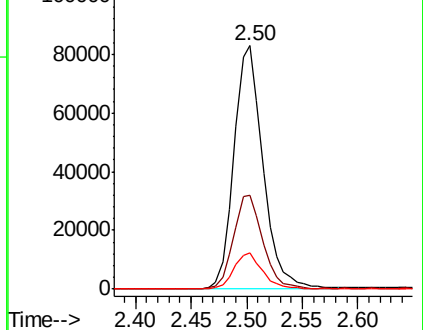
141 14.7 11.3 16.9

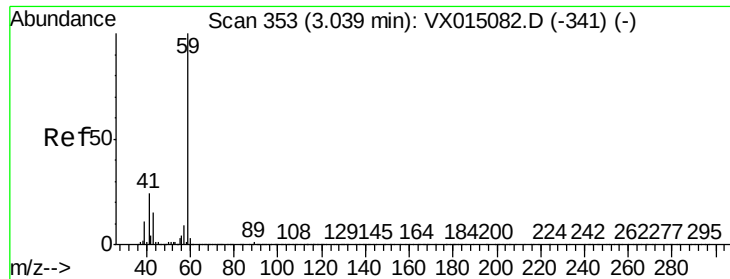


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



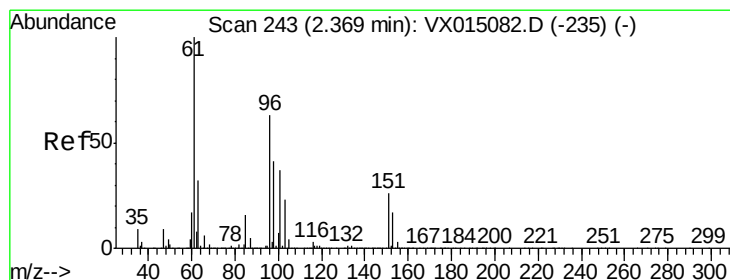
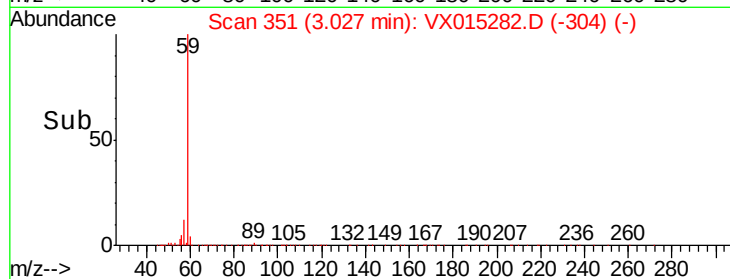
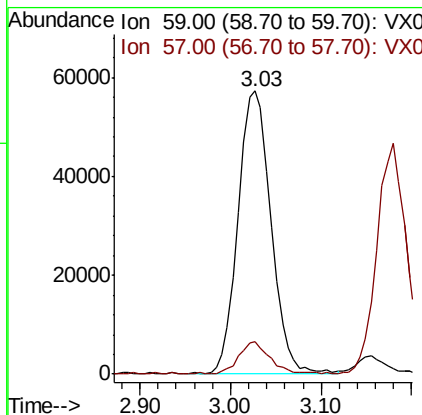
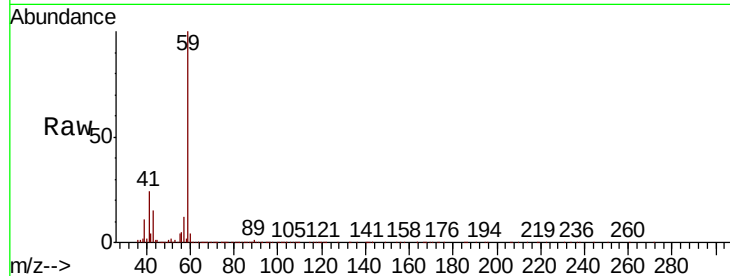


#11

Tert butyl alcohol
 Concen: 237.776 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

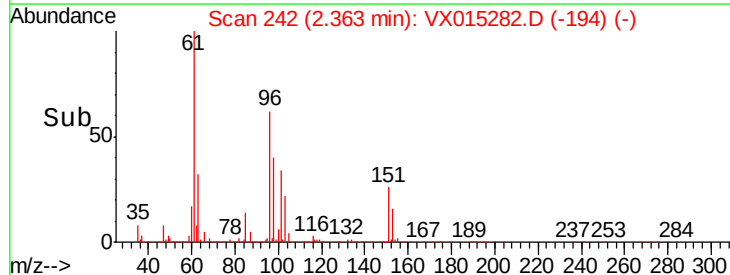
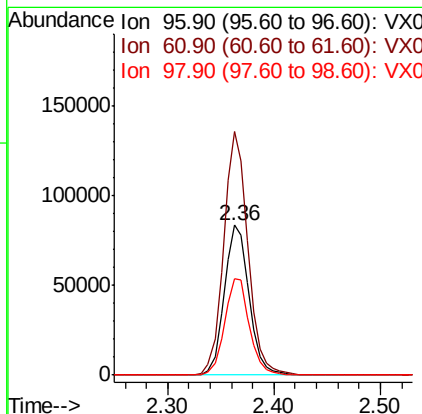
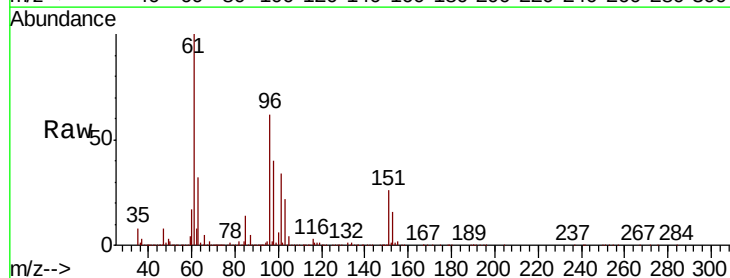
Tot Ion: 59 Resp: 145264
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

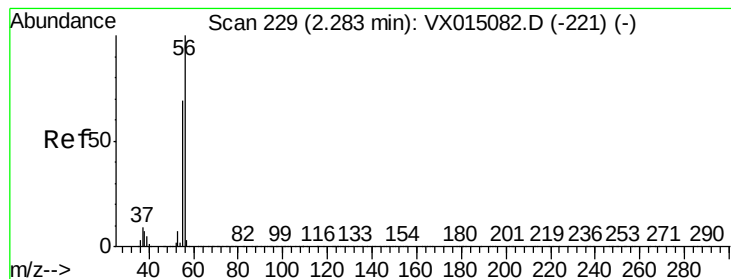


#12

1,1-Dichloroethene
 Concen: 47.094 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion: 96 Resp: 135832
 Ion Ratio Lower Upper
 96 100
 61 162.3 126.2 189.4
 98 64.4 51.4 77.0





#13

Acrolein

Concen: 237.470 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

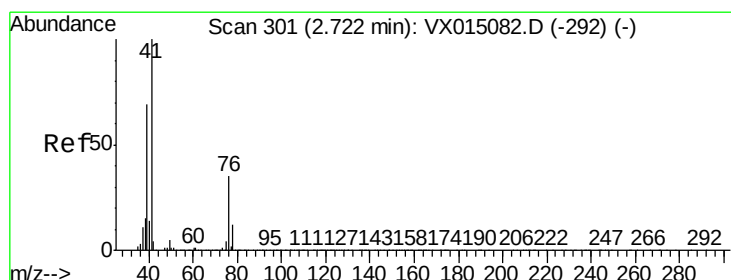
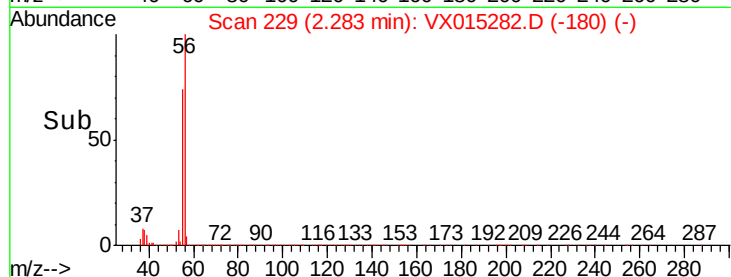
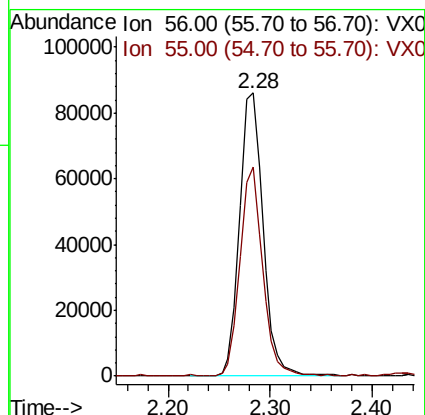
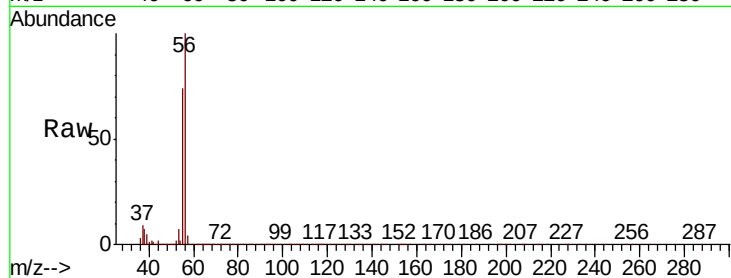
VSTDCCC050

Tot Ion: 56 Resp: 136338

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0



#14

Allyl chloride

Concen: 53.119 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

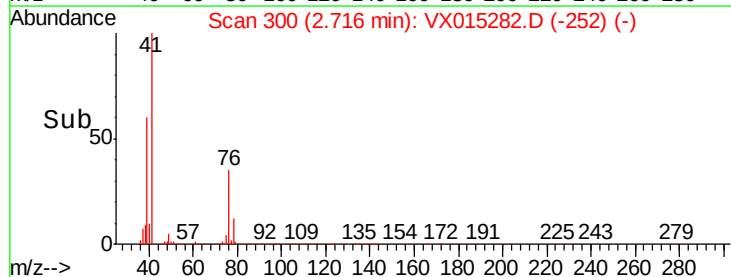
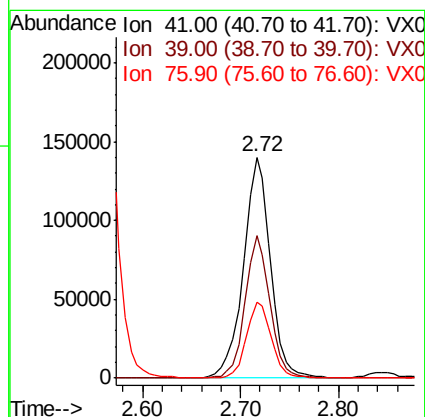
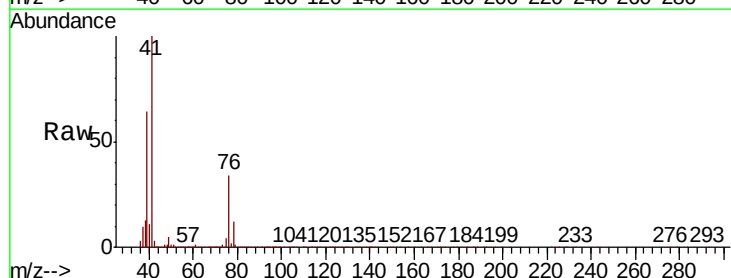
Tgt Ion: 41 Resp: 267145

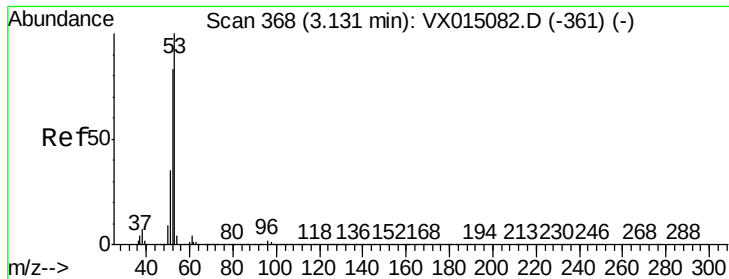
Ion Ratio Lower Upper

41 100

39 59.5 52.9 79.3

76 31.4 26.8 40.2

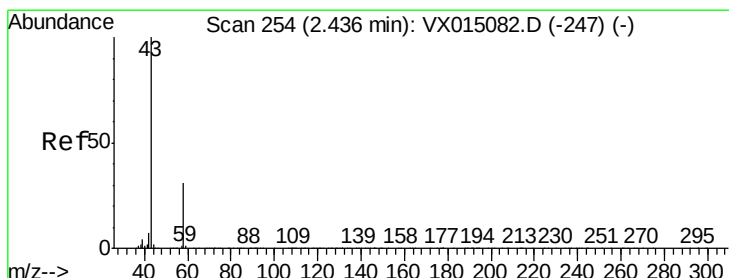
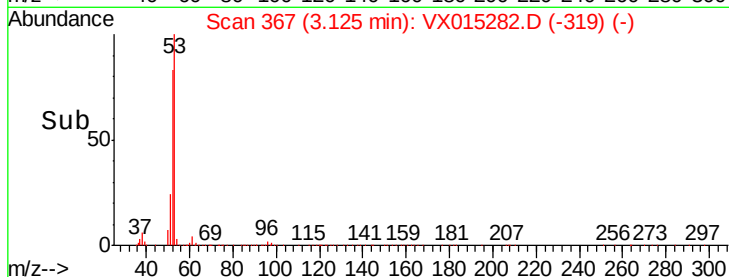
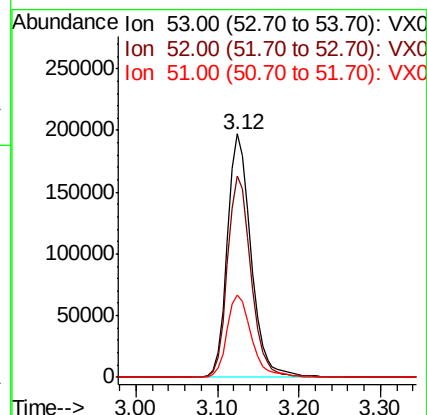
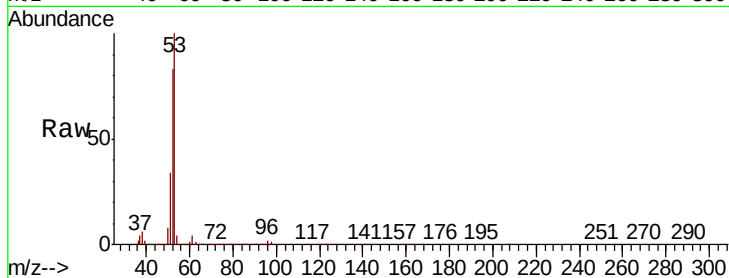




#15
 Acrylonitrile
 Concen: 258.739 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

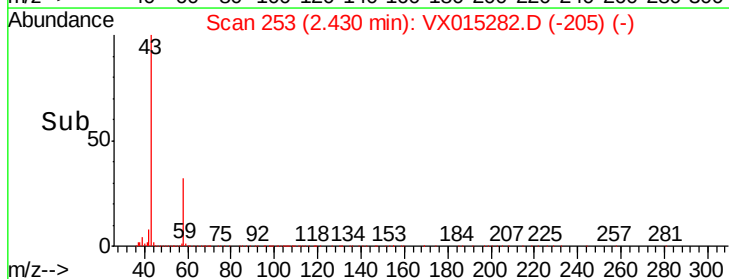
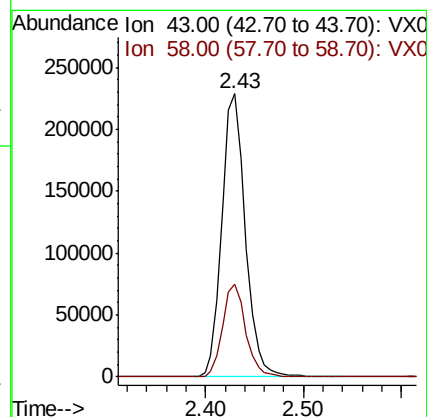
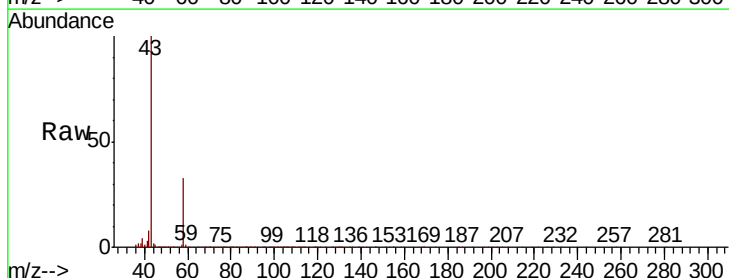
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

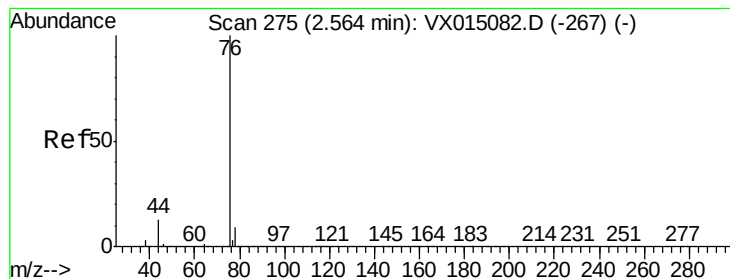
Tot Ion: 53 Resp: 393660
 Ion Ratio Lower Upper
 53 100
 52 82.5 66.6 100.0
 51 35.0 29.0 43.6



#16
 Acetone
 Concen: 266.439 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion: 43 Resp: 379949
 Ion Ratio Lower Upper
 43 100
 58 32.5 24.8 37.2





#17

Carbon Disulfide

Concen: 44.693 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

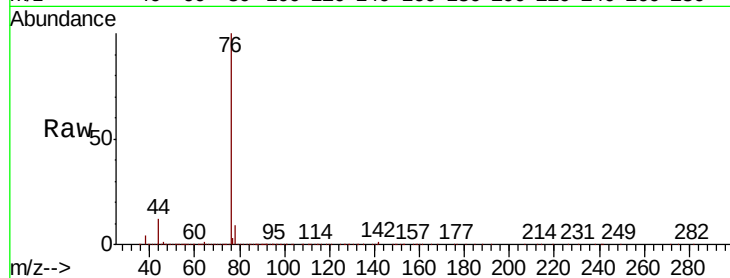
VSTDCCC050

Tot Ion: 76 Resp: 357990

Ion Ratio Lower Upper

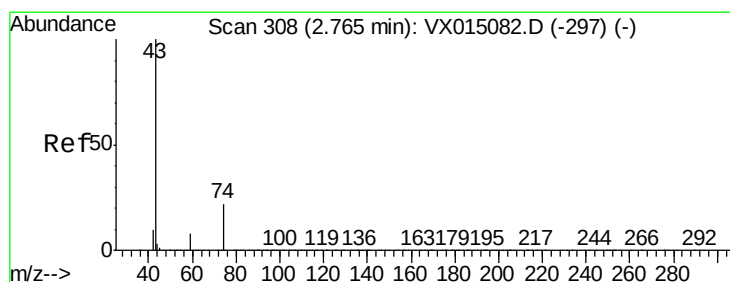
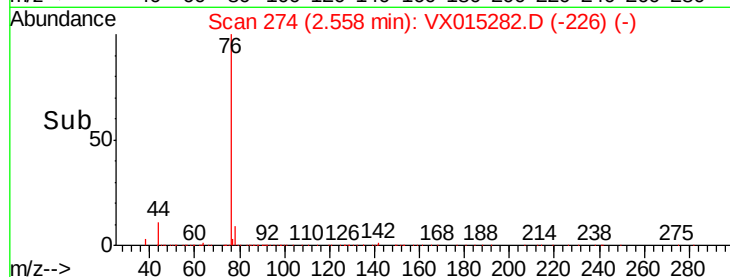
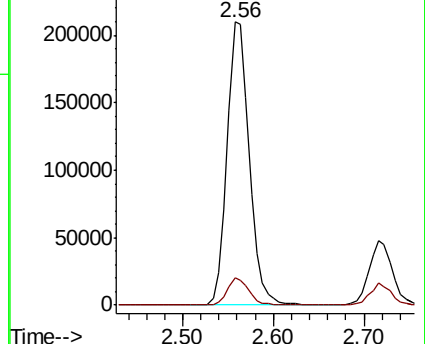
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.060 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015282.D

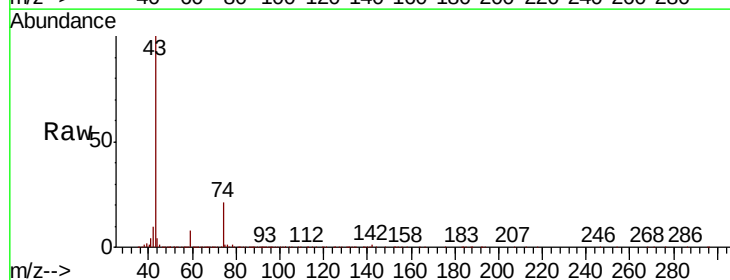
Acq: 16 Mar 2020 10:11

Tgt Ion: 43 Resp: 178042

Ion Ratio Lower Upper

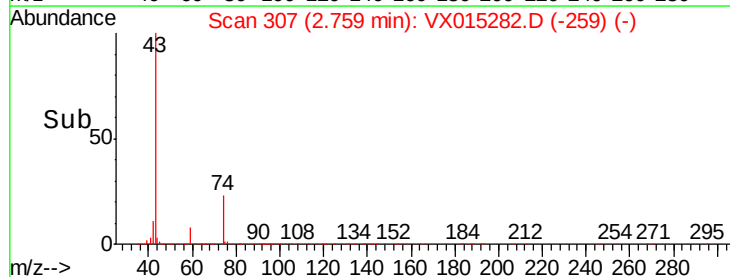
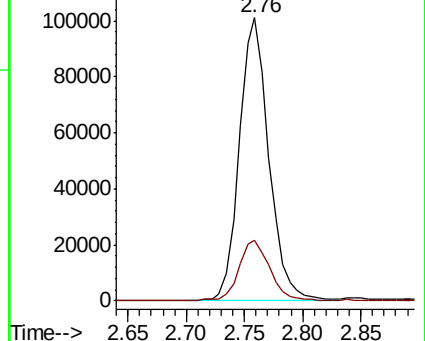
43 100

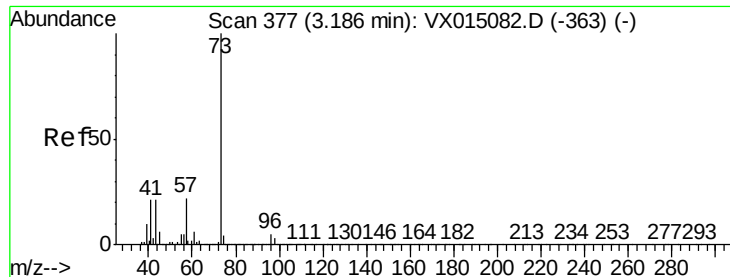
74 22.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



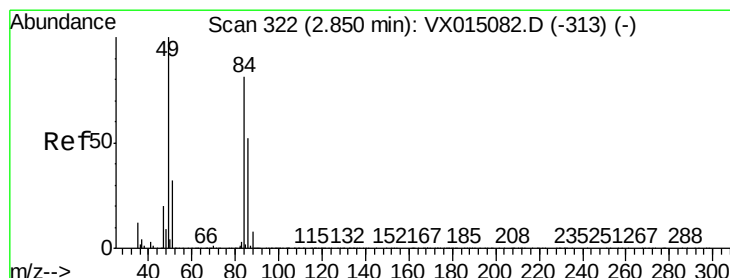
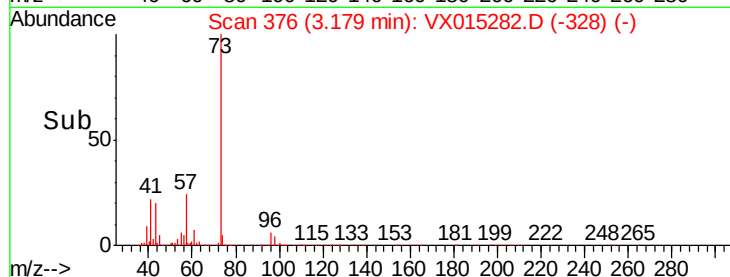
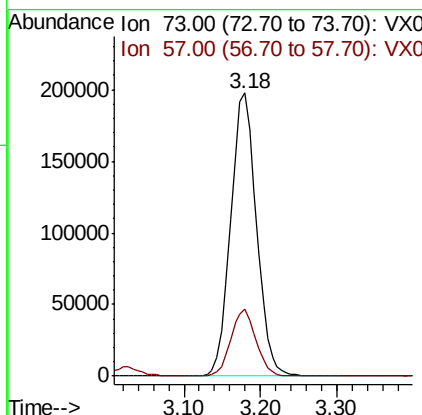
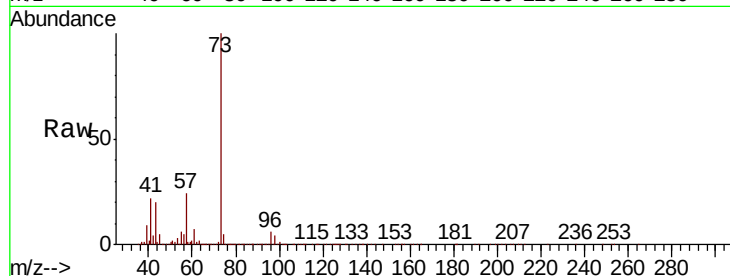


#19

Methyl tert-butyl Ether
 Concen: 51.174 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

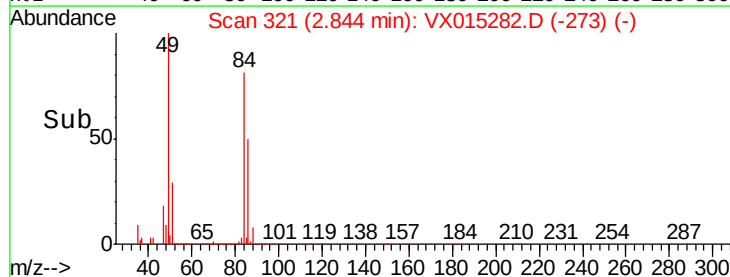
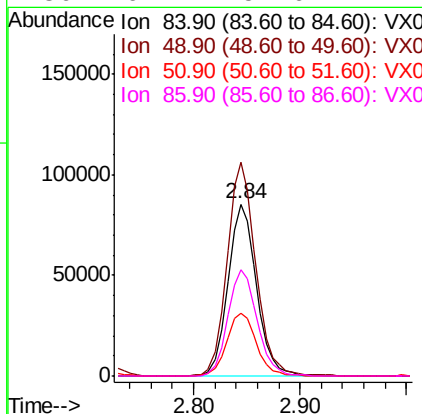
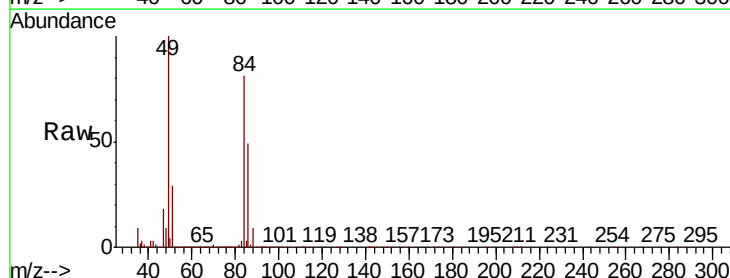
Tot Ion: 73 Resp: 461233
 Ion Ratio Lower Upper
 73 100
 57 23.5 17.8 26.6

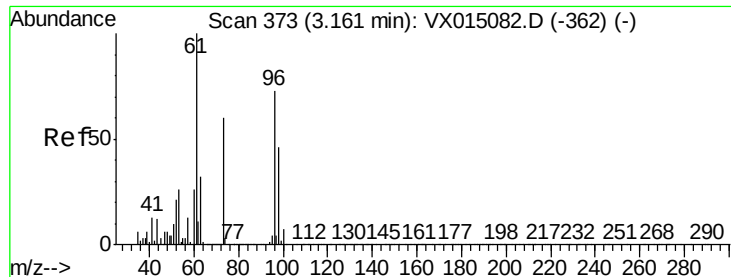


#20

Methylene Chloride
 Concen: 47.744 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion: 84 Resp: 159335
 Ion Ratio Lower Upper
 84 100
 49 124.1 99.4 149.2
 51 36.2 31.5 47.3
 86 61.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.310 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

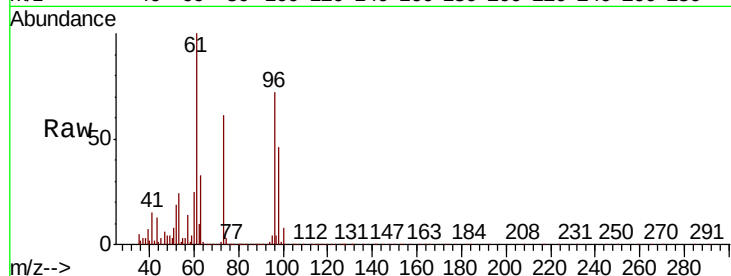
Tot Ion: 96 Resp: 148782

Ion Ratio Lower Upper

96 100

61 139.7 109.9 164.9

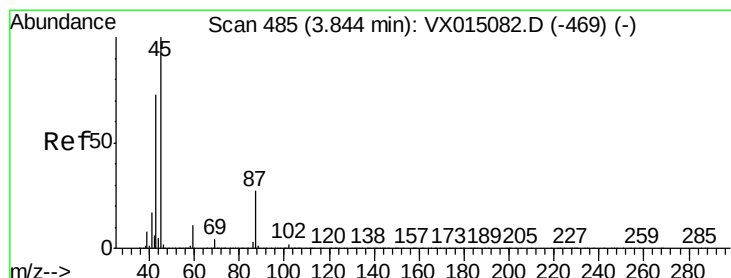
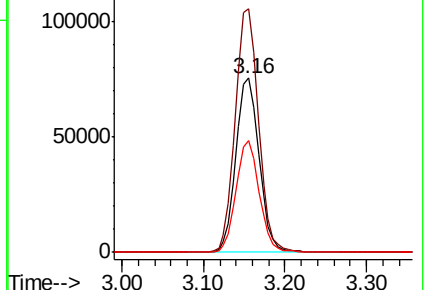
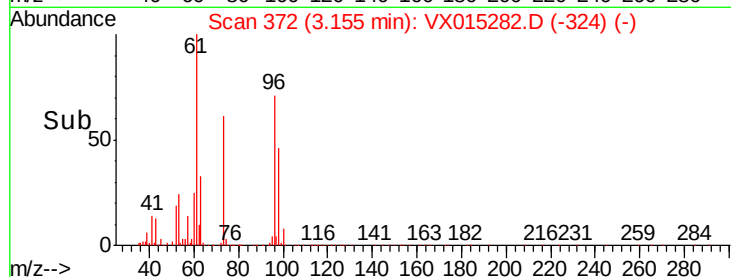
98 64.2 50.2 75.2



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



#22

Diisopropyl ether

Concen: 54.163 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion: 45 Resp: 542697

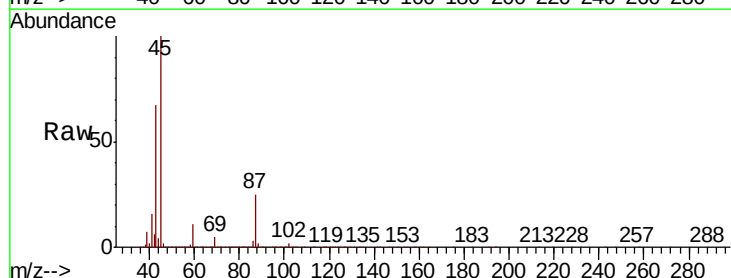
Ion Ratio Lower Upper

45 100

43 67.0 58.2 87.2

87 25.1 21.2 31.8

59 11.2 8.9 13.3

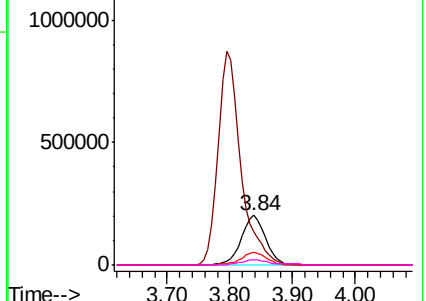
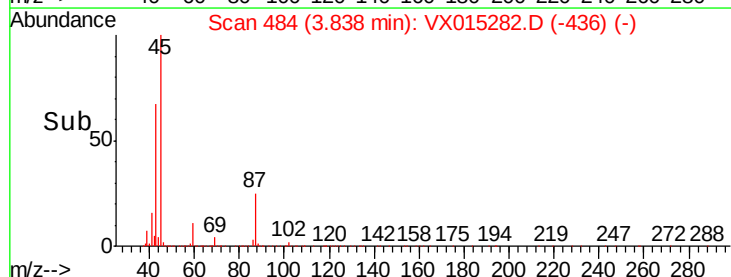


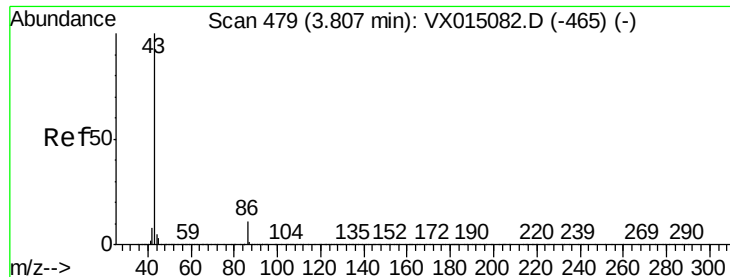
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 268.739 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

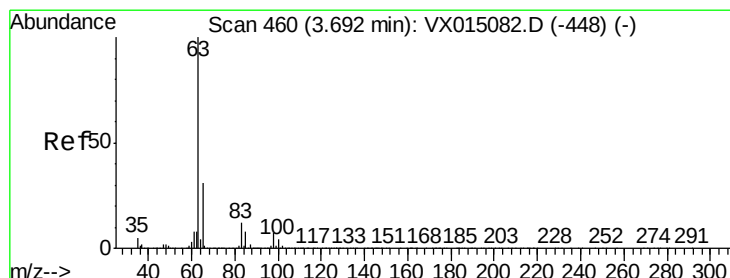
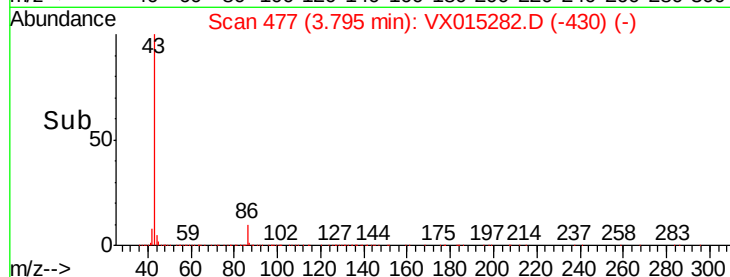
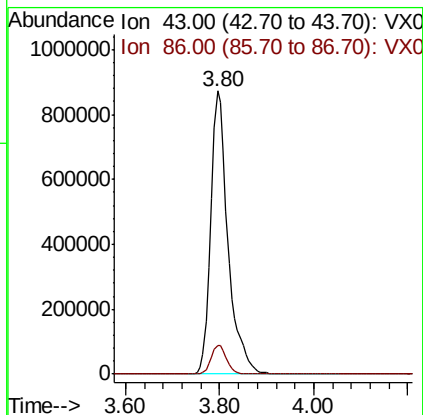
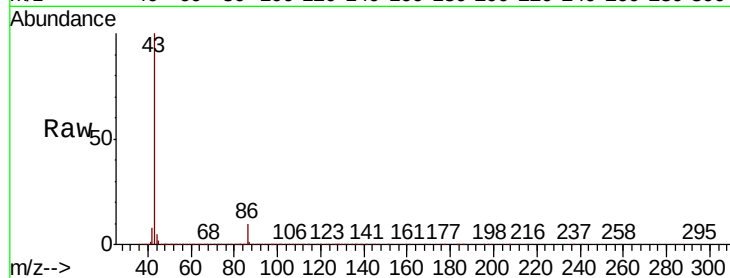
VSTDCCC050

Tot Ion: 43 Resp: 2213433

Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8



#24

1,1-Dichloroethane

Concen: 50.504 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

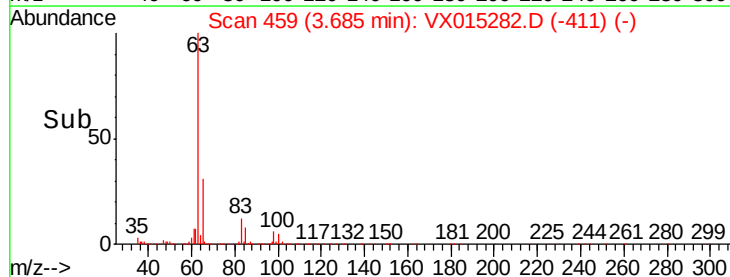
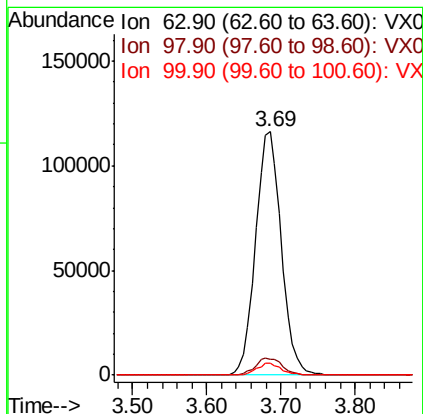
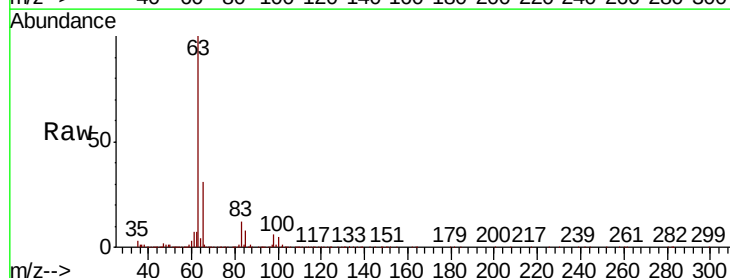
Tgt Ion: 63 Resp: 280856

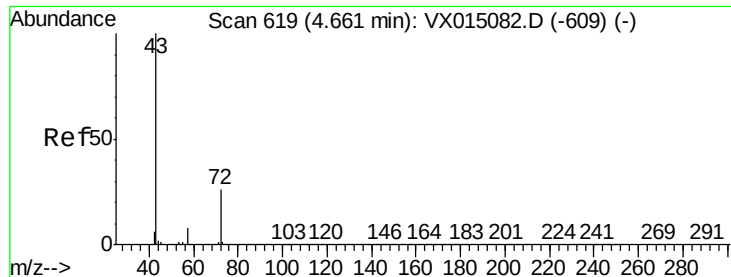
Ion Ratio Lower Upper

63 100

98 6.3 3.7 11.1

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 268.935 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

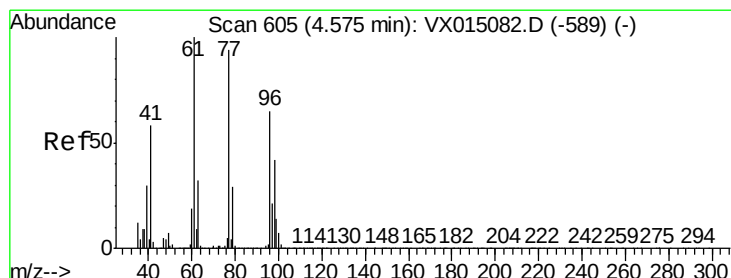
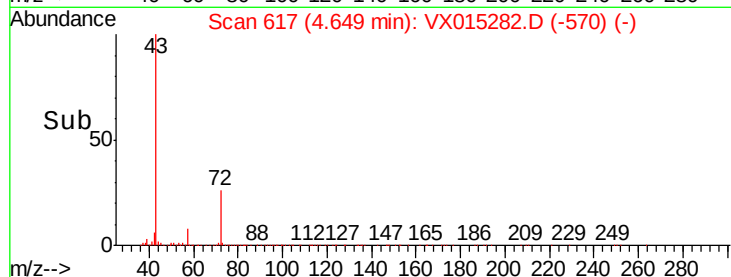
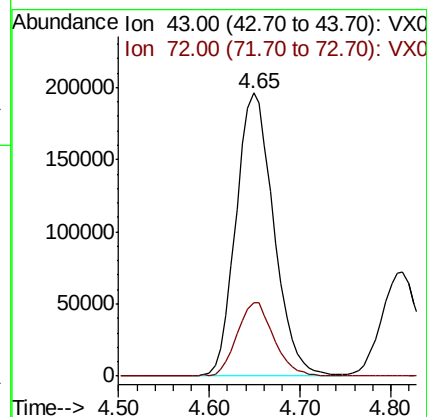
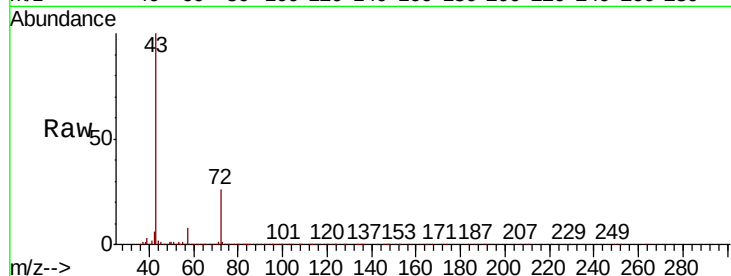
VSTDCCC050

Tot Ion: 43 Resp: 561455

Ion Ratio Lower Upper

43 100

72 26.1 20.6 30.8



#26

2,2-Dichloropropane

Concen: 50.743 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015282.D

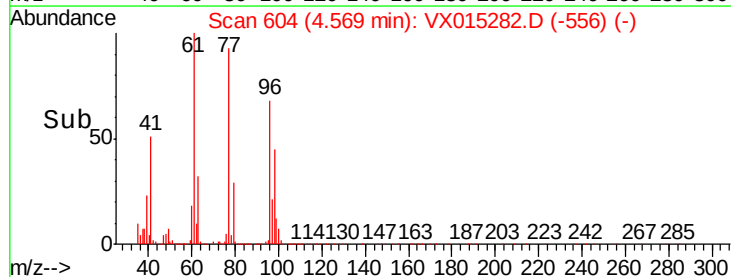
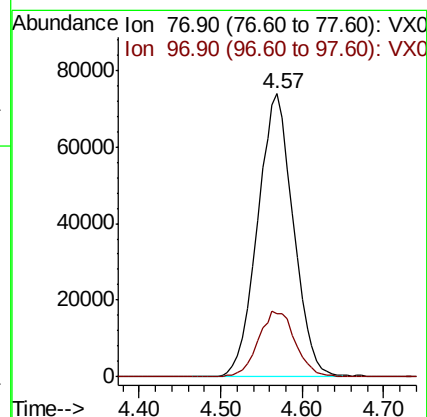
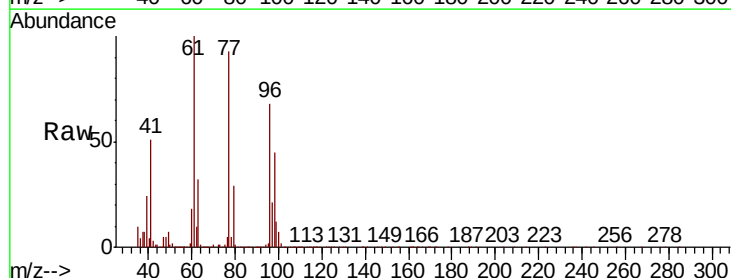
Acq: 16 Mar 2020 10:11

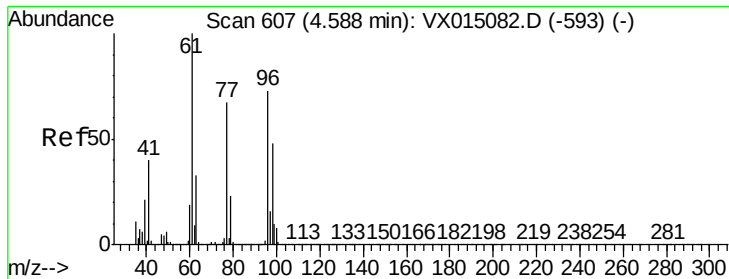
Tgt Ion: 77 Resp: 224012

Ion Ratio Lower Upper

77 100

97 24.3 11.8 35.4



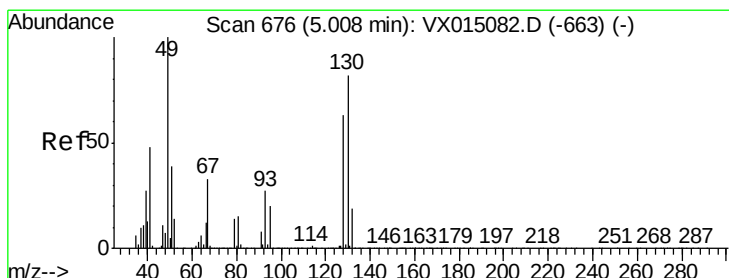
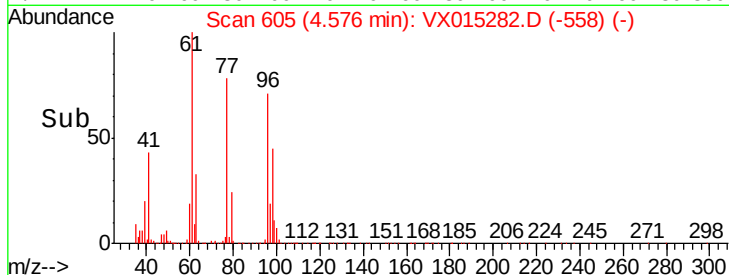
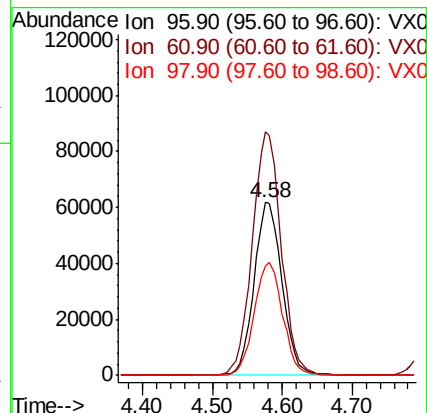
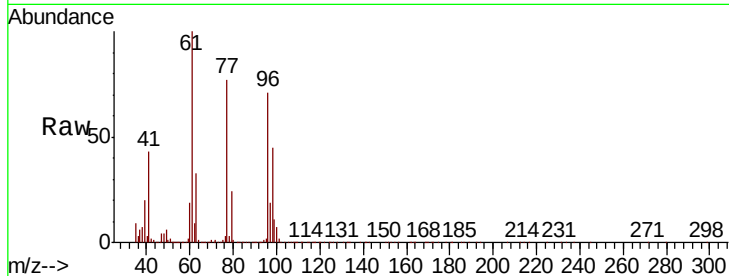


#27

cis-1,2-Dichloroethene
 Concen: 49.572 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

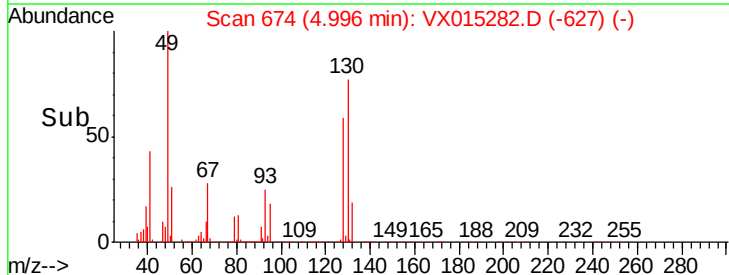
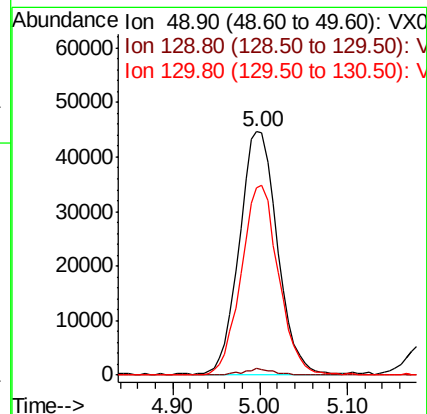
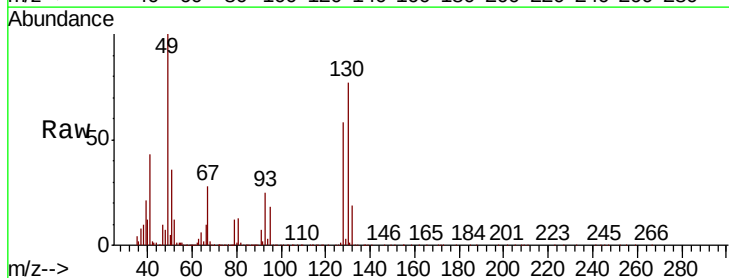
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	286.8
98	66.5	0.0	128.4

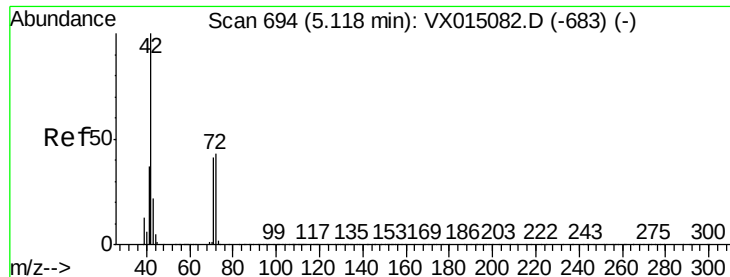


#28

Bromochloromethane
 Concen: 52.942 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	76.5	65.0	97.6





#29

Tetrahydrofuran

Concen: 261.069 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

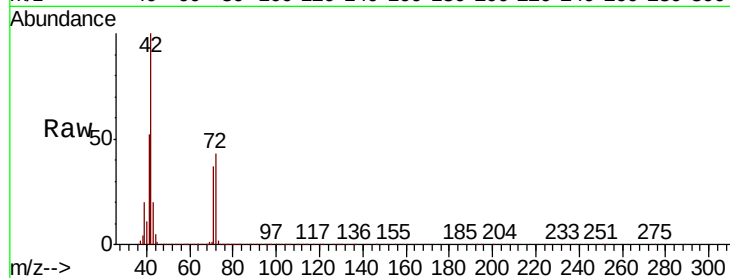
Tot Ion: 42 Resp: 351334

Ion Ratio Lower Upper

42 100

72 42.3 36.4 54.6

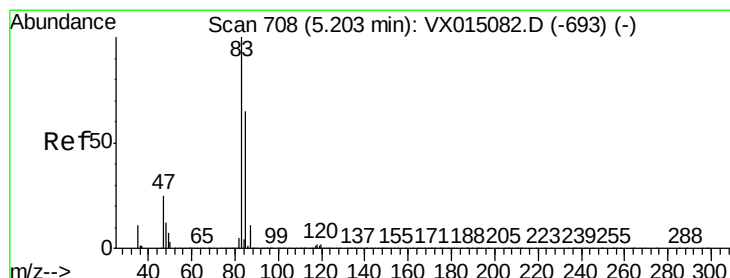
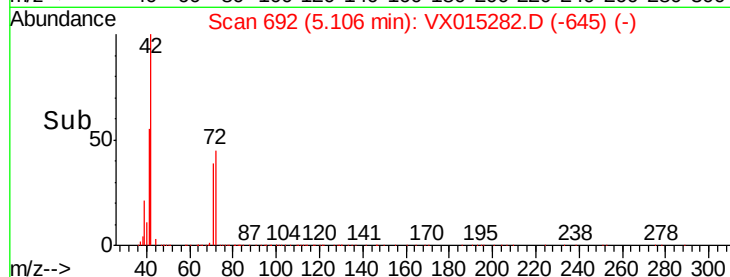
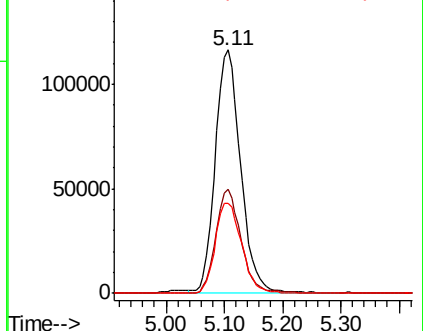
71 38.6 33.3 49.9



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: 49.751 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015282.D

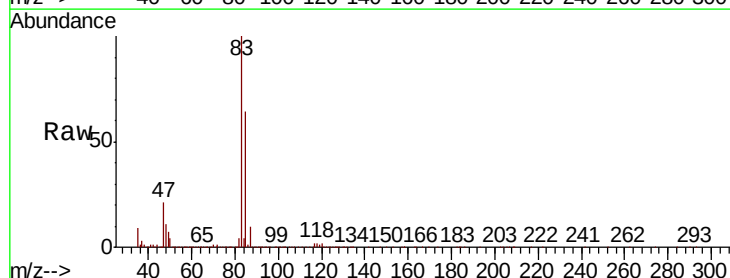
Acq: 16 Mar 2020 10:11

Tgt Ion: 83 Resp: 269659

Ion Ratio Lower Upper

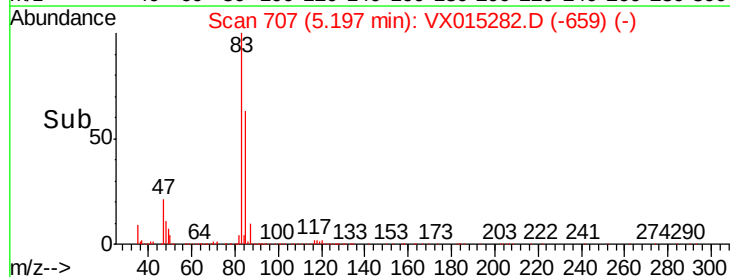
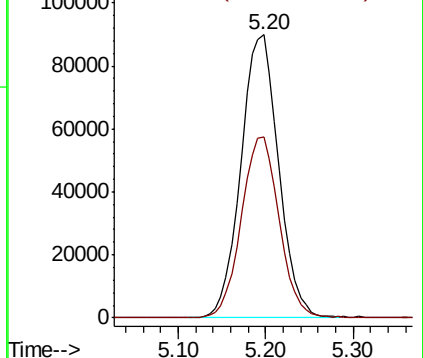
83 100

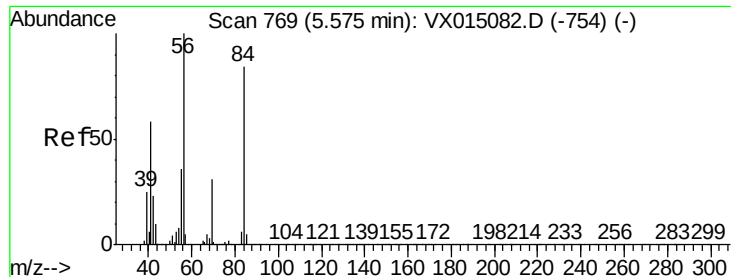
85 63.7 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

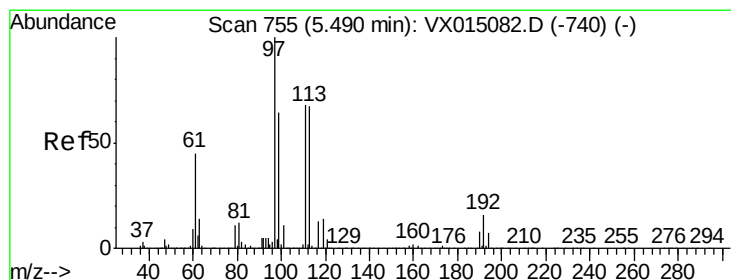
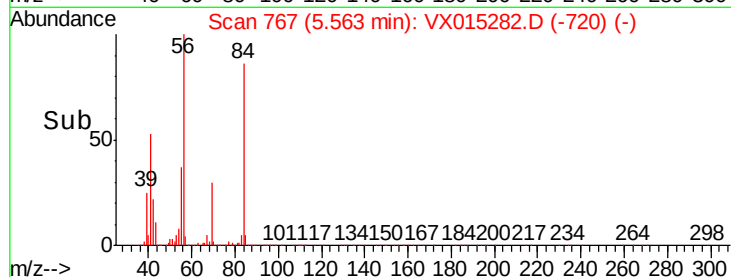
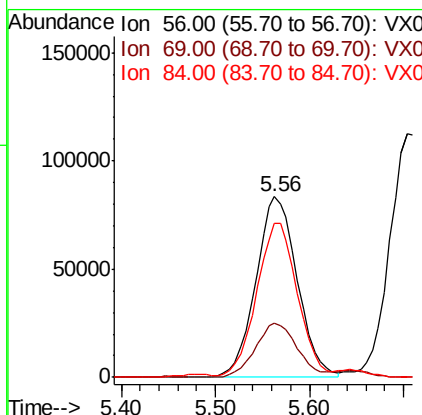
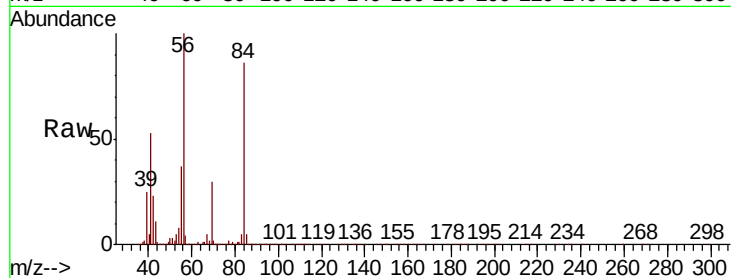




#31
Cyclohexane
Concen: 51.416 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

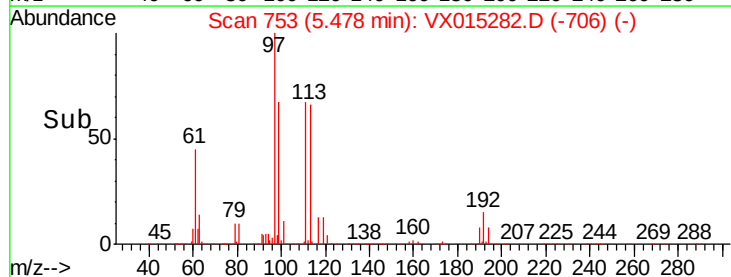
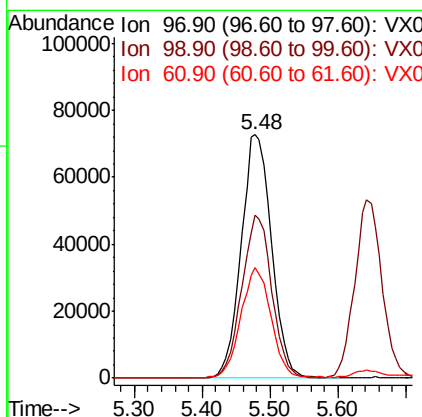
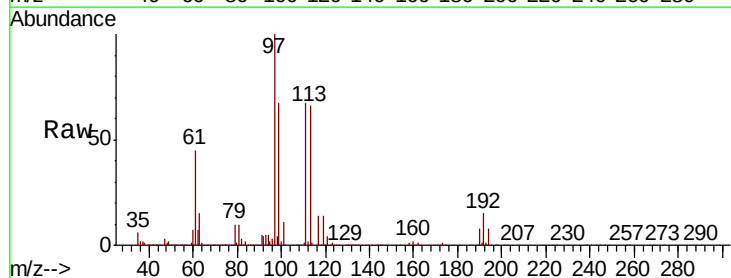
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

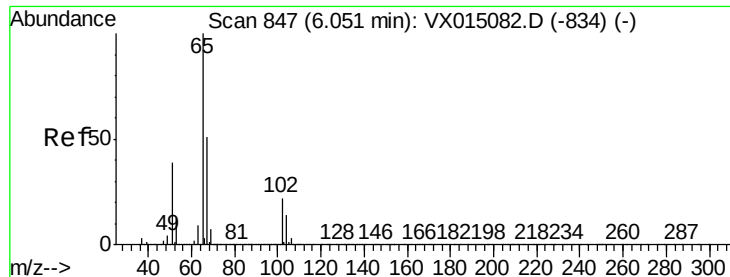
Tot Ion: 56 Resp: 255035
Ion Ratio Lower Upper
56 100
69 30.4 25.0 37.6
84 84.5 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 50.375 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion: 97 Resp: 226333
Ion Ratio Lower Upper
97 100
99 65.9 52.8 79.2
61 44.7 36.6 54.8

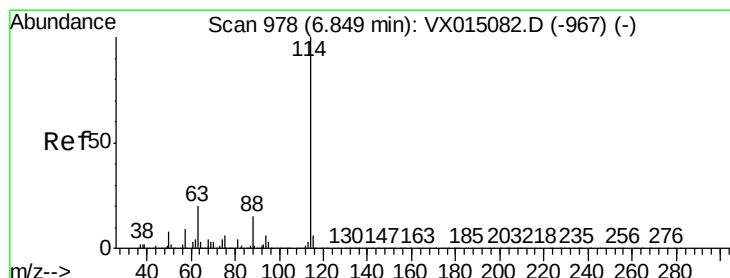
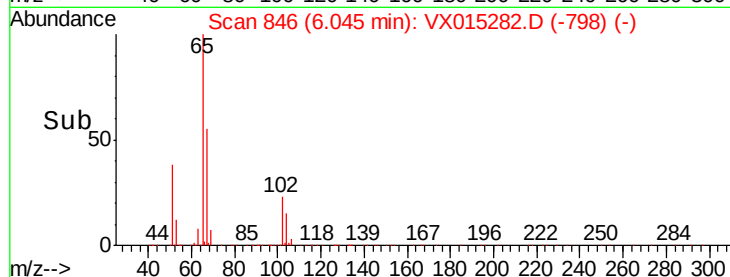
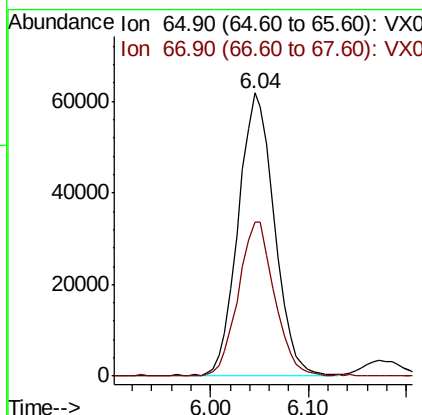
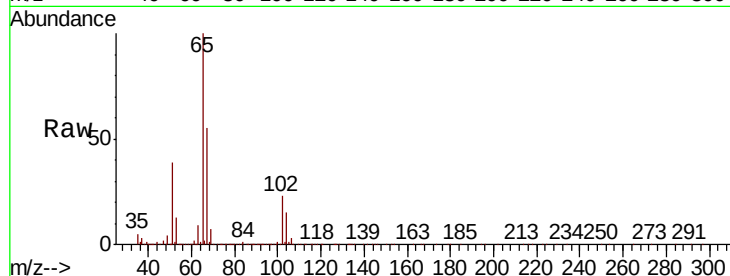




#33
 1,2-Dichloroethane-d4
 Concen: 44.912 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

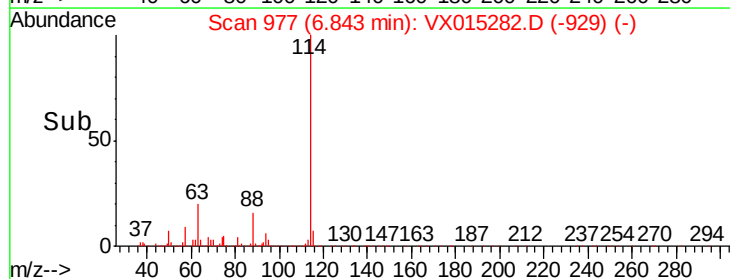
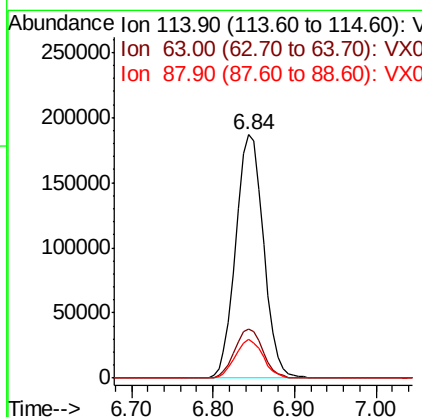
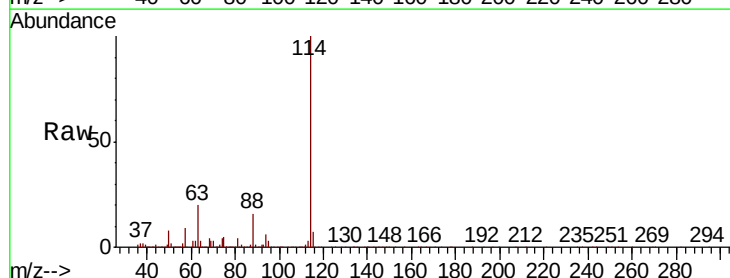
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

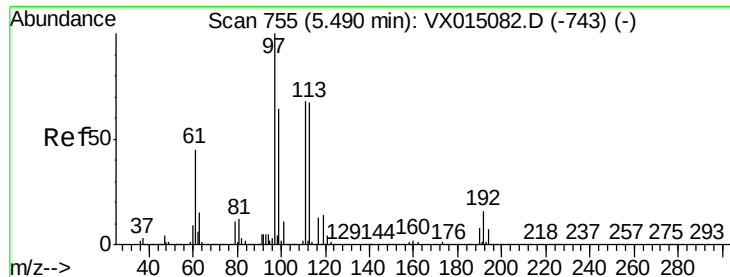
Tot Ion: 65 Resp: 158146
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion: 114 Resp: 440860
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 16.1 0.0 30.6

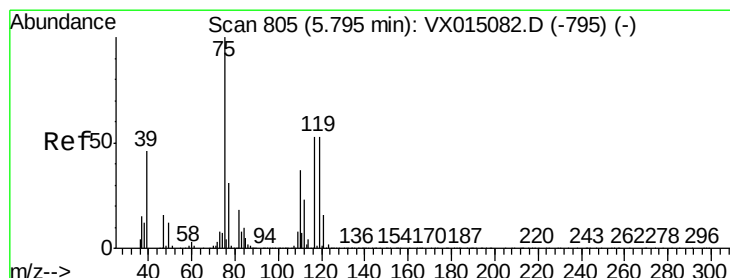
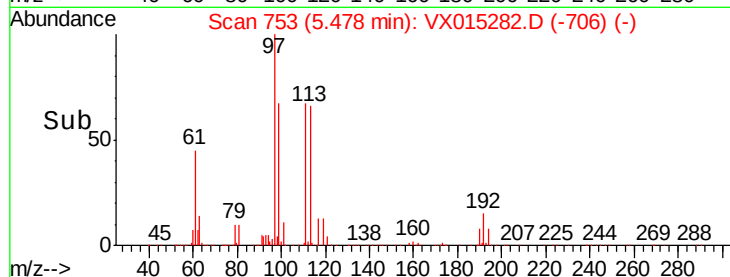
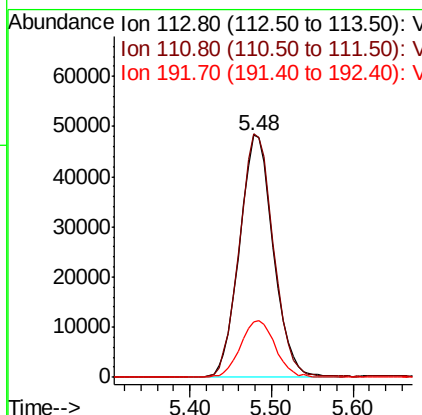
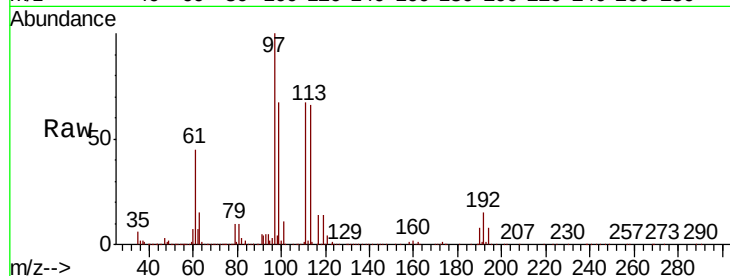




#35
 Dibromofluoromethane
 Concen: 49.943 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

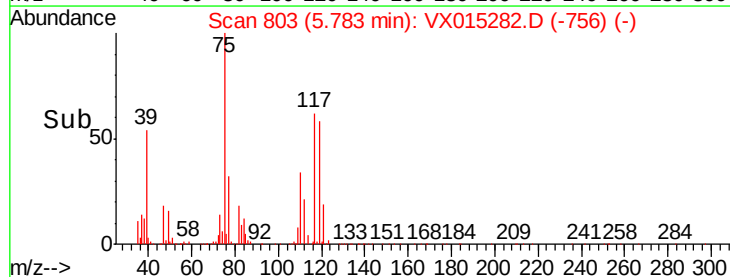
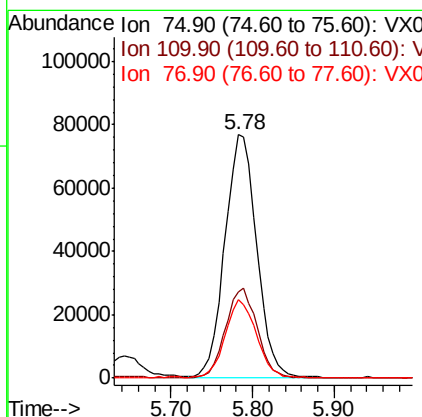
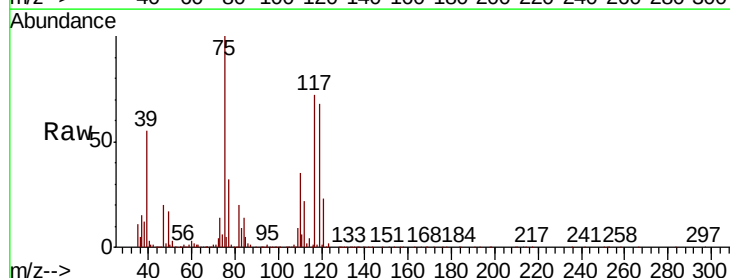
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

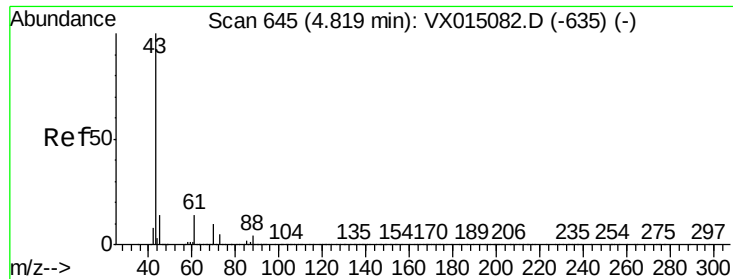
Tot Ion:113 Resp: 138905
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.6 123.8
 192 24.4 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 50.721 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion: 75 Resp: 206718
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.9 53.8
 77 31.2 24.8 37.2

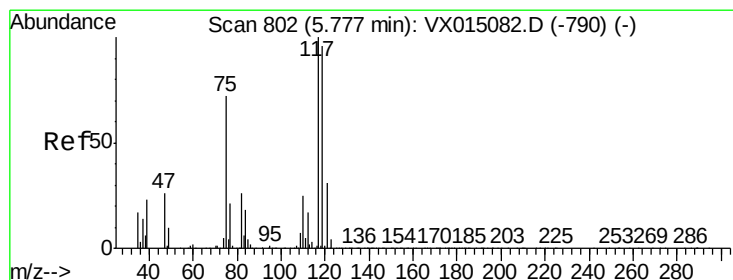
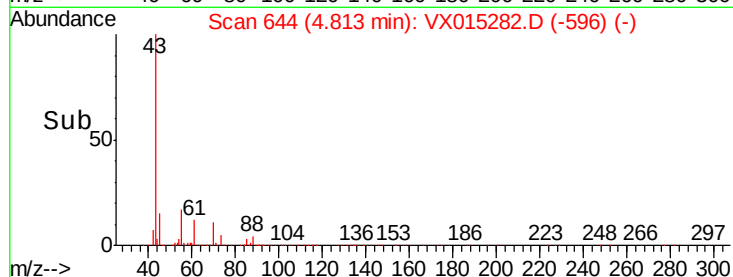
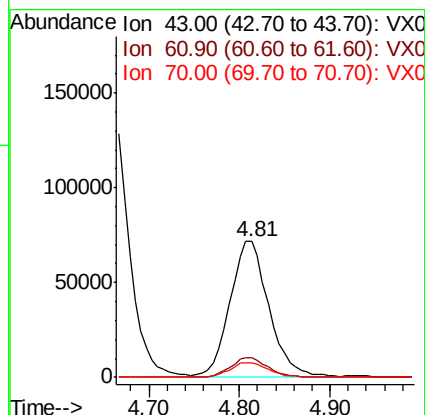
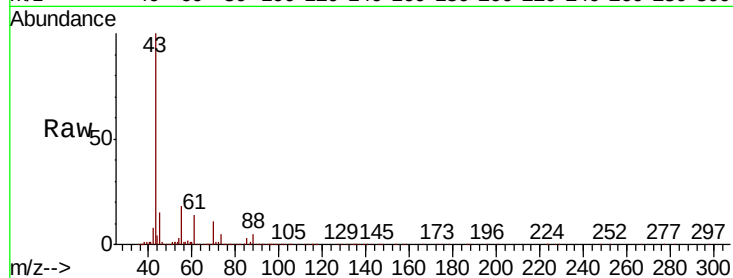




#37
Ethyl Acetate
Concen: 55.647 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

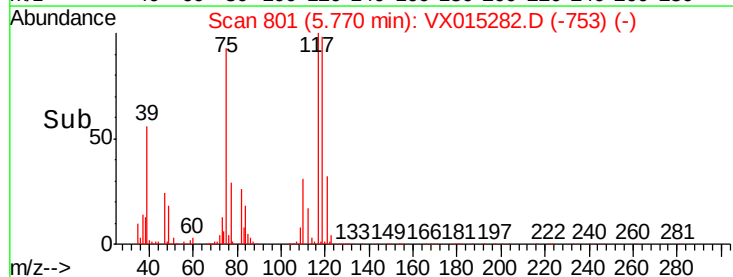
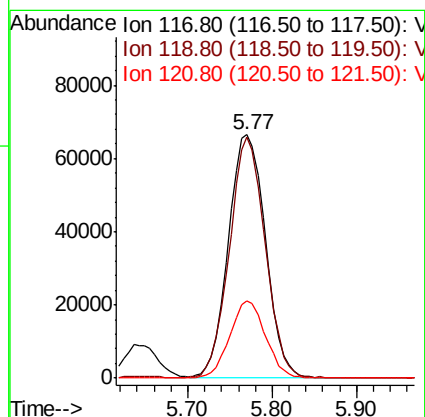
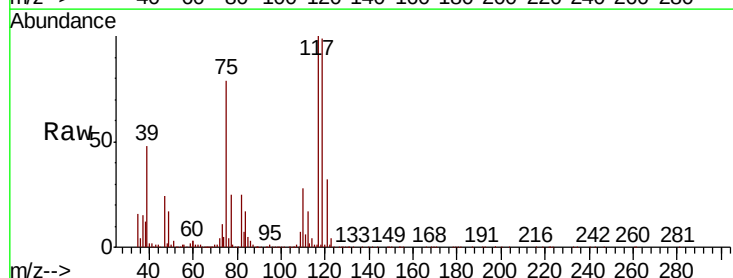
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

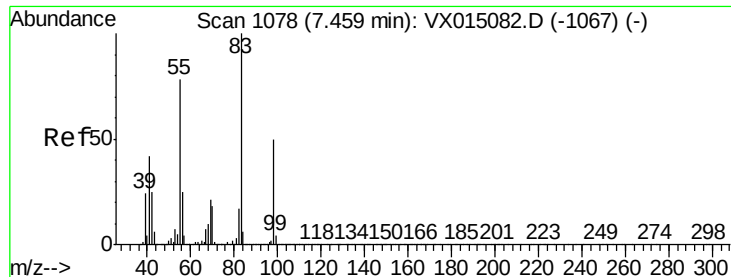
Tot Ion: 43 Resp: 210374
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.614 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion: 117 Resp: 198561
Ion Ratio Lower Upper
117 100
119 98.6 76.9 115.3
121 31.5 24.6 37.0

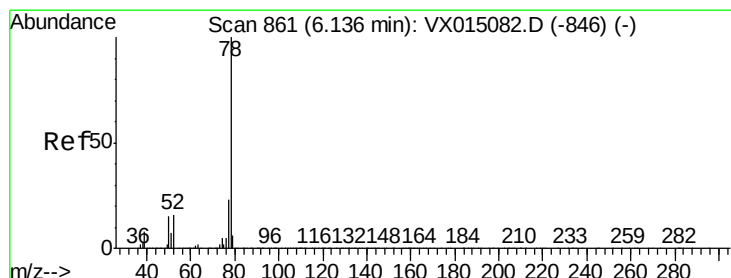
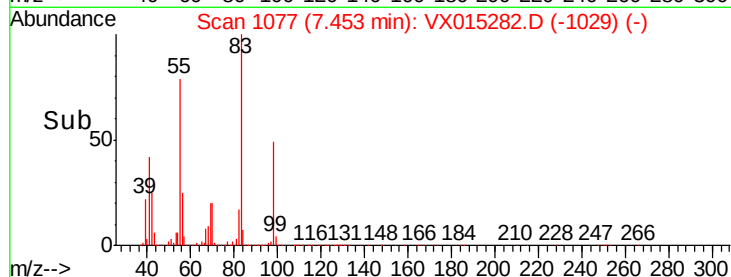
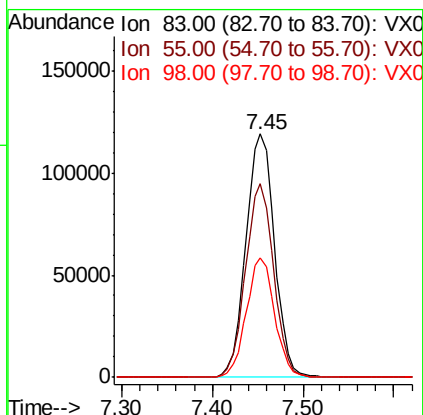
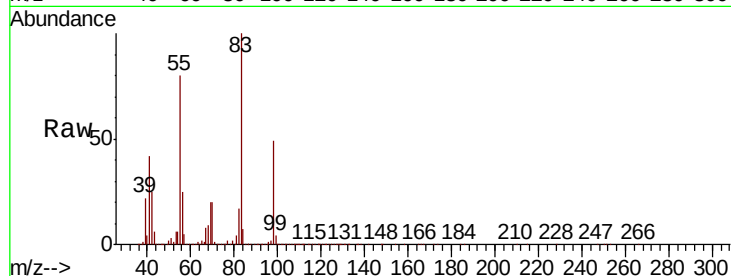




#39
Methylvlcyclohexane
Concen: 54.472 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

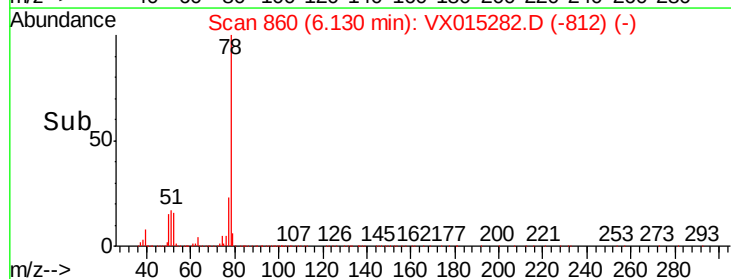
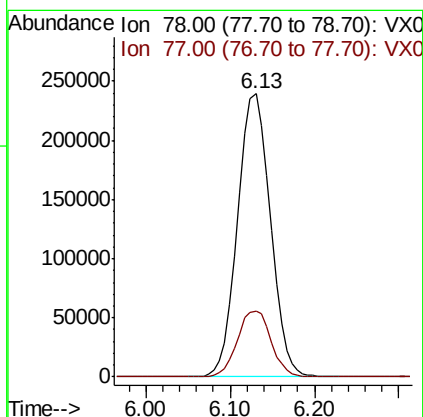
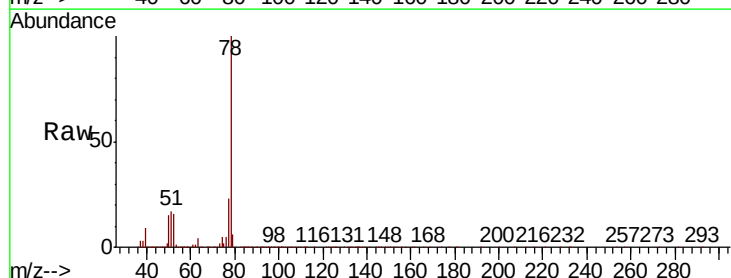
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

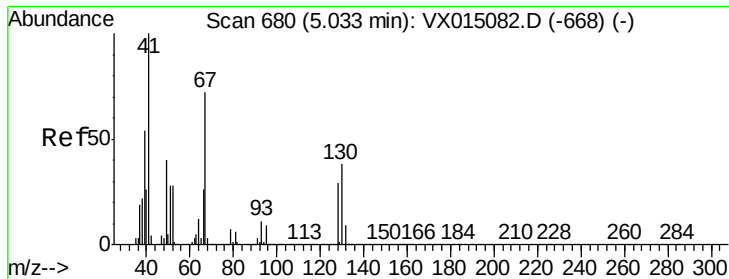
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	62.4	93.6
98	49.1	39.7	59.5



#40
Benzene
Concen: 52.244 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0

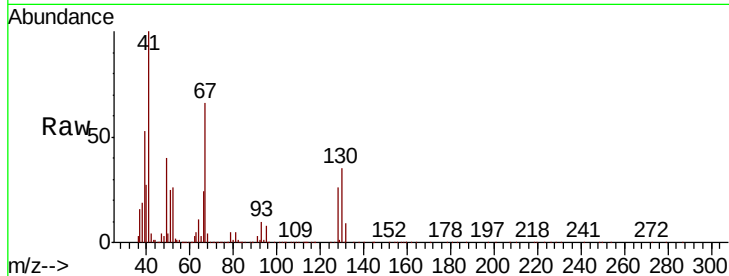




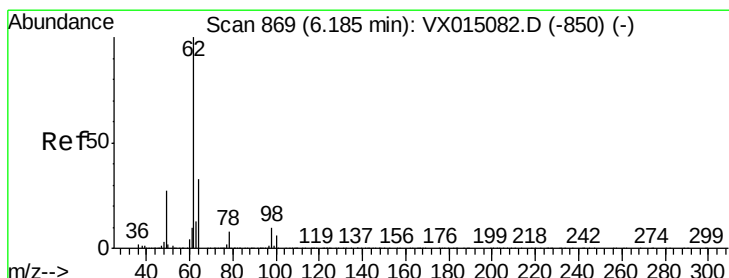
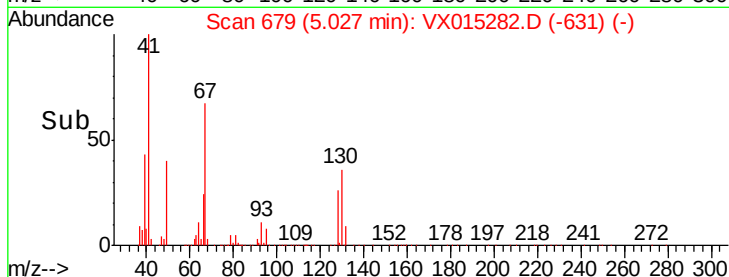
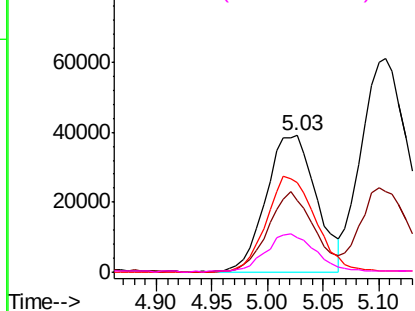
#41
Methacrylonitrile
Concen: 53.930 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	122464
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.9	65.9
67	68.8	57.8	86.8
52	27.3	22.6	34.0

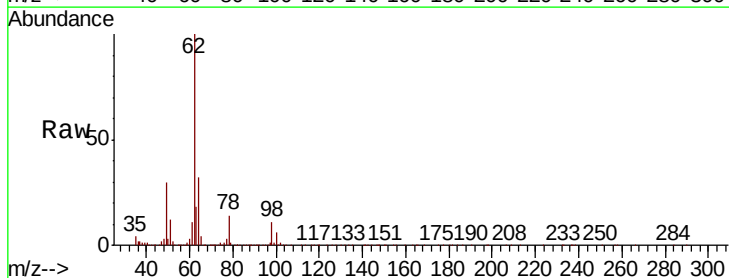


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

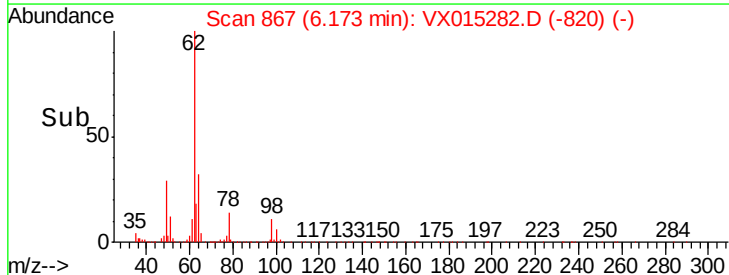
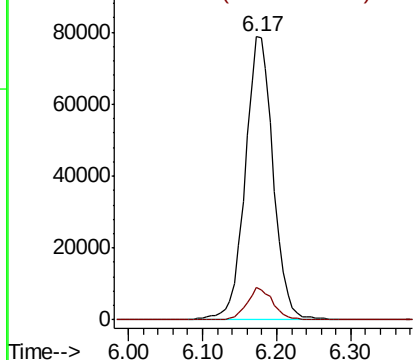


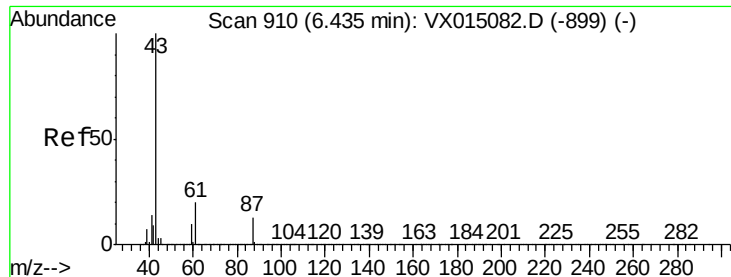
#42
1,2-Dichloroethane
Concen: 49.461 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion:	62	Resp:	205382
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 53.853 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

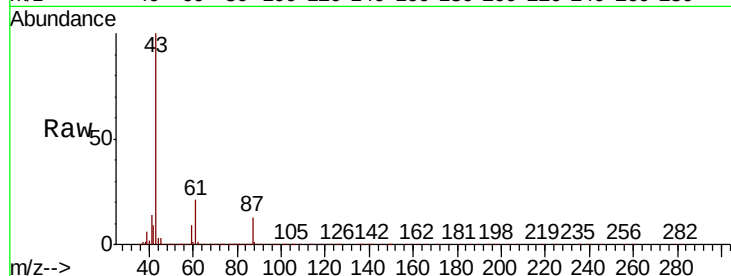
Tot Ion: 43 Resp: 358161

Ion Ratio Lower Upper

43 100

61 20.1 16.1 24.1

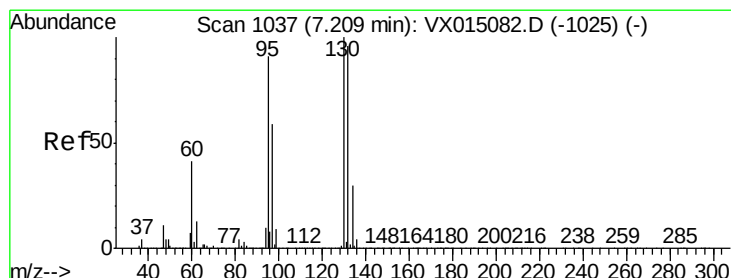
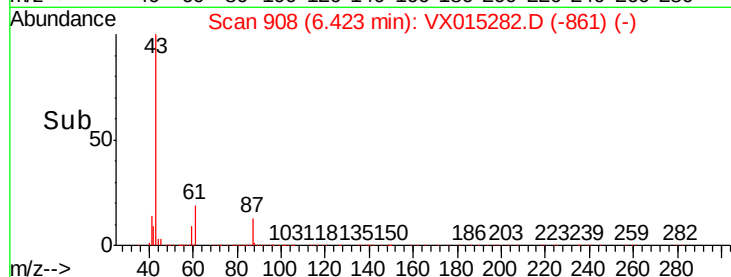
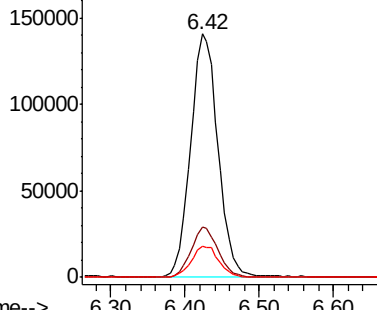
87 12.8 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.139 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015282.D

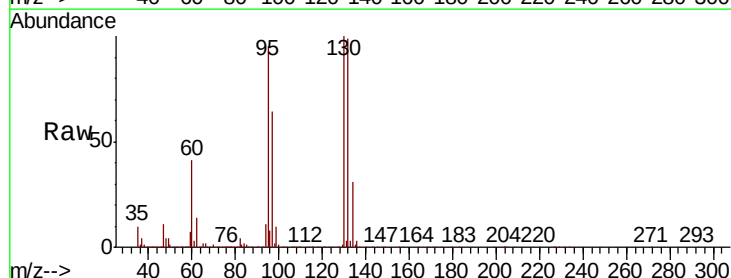
Acq: 16 Mar 2020 10:11

Tgt Ion:130 Resp: 172209

Ion Ratio Lower Upper

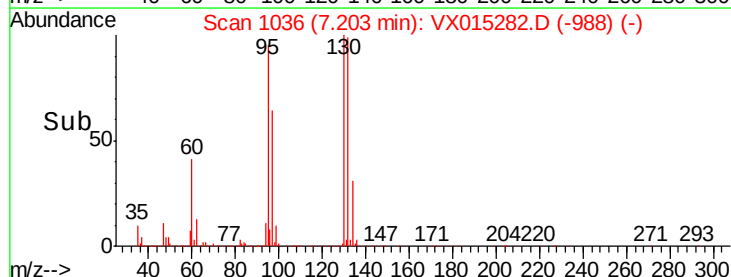
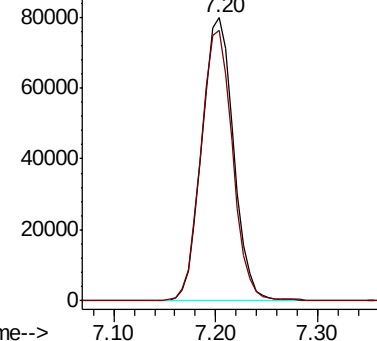
130 100

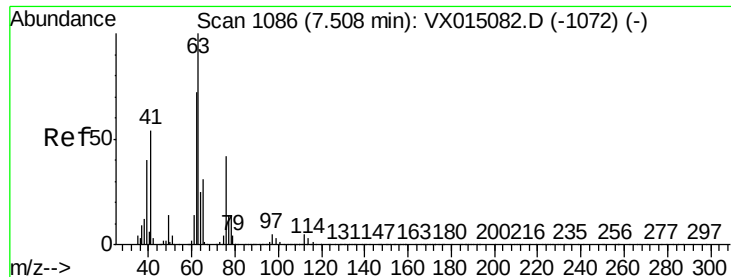
95 95.3 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

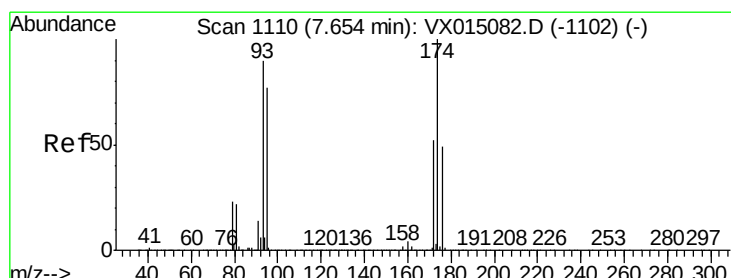
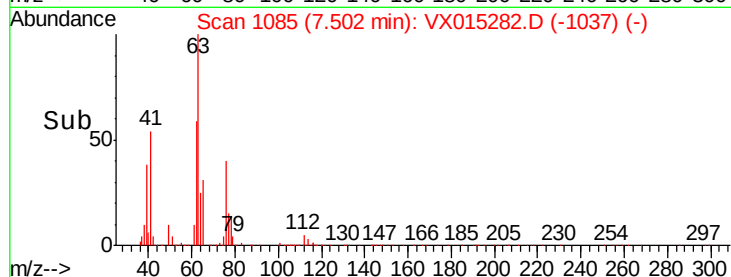
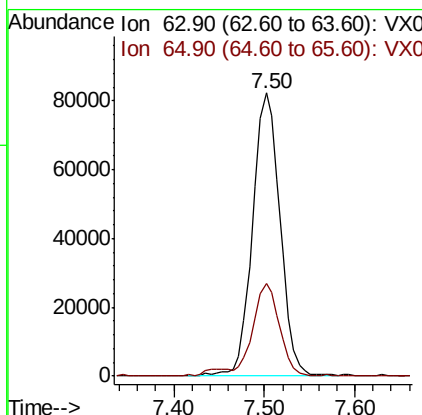
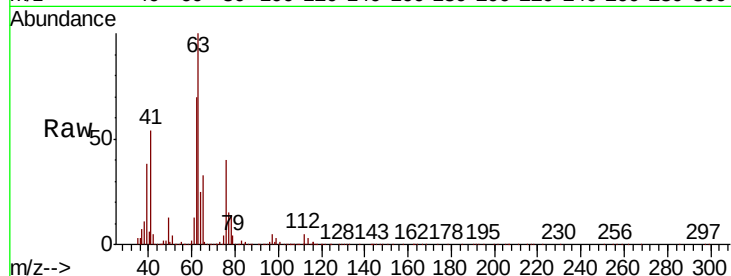




#45
 1,2-Dichloropropane
 Concen: 55.009 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

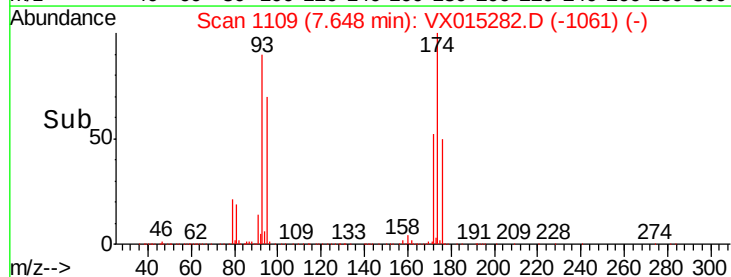
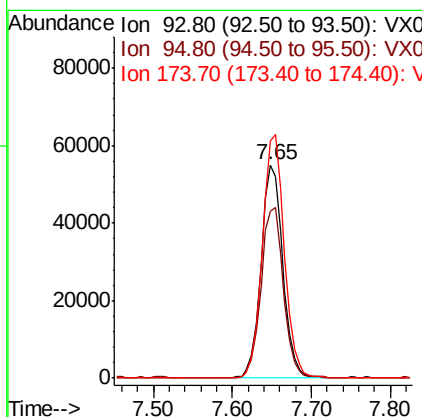
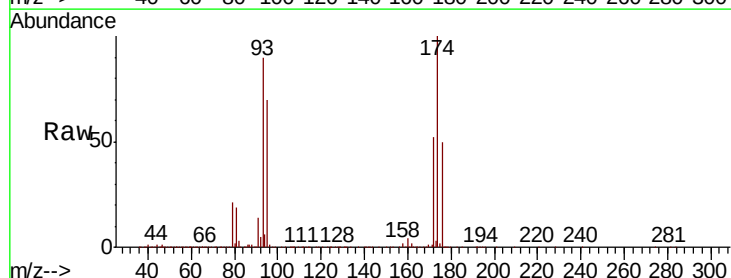
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

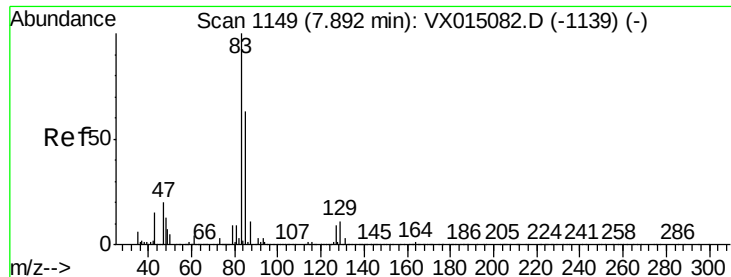
Tot Ion: 63 Resp: 172167
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.6 36.8



#46
 Dibromomethane
 Concen: 51.791 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion: 93 Resp: 105620
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.8 101.8
 174 114.8 91.0 136.4





#47

Bromodichloromethane

Concen: 53.064 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

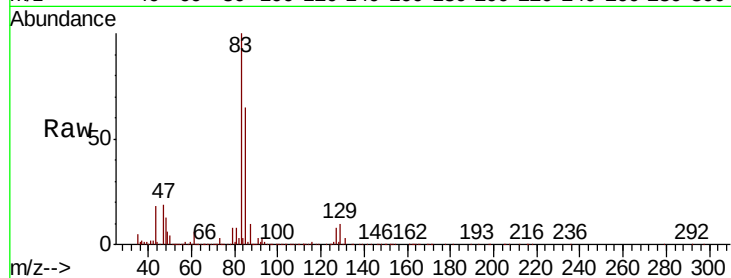
Tot Ion: 83 Resp: 213995

Ion Ratio Lower Upper

83 100

85 64.4 50.6 75.8

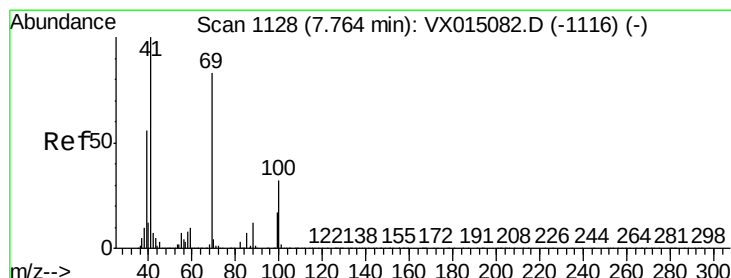
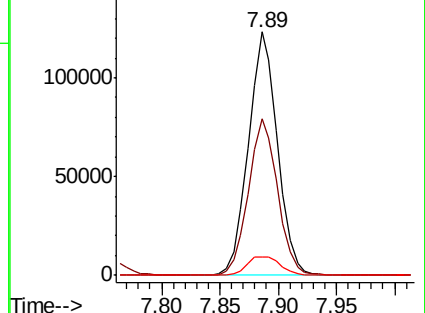
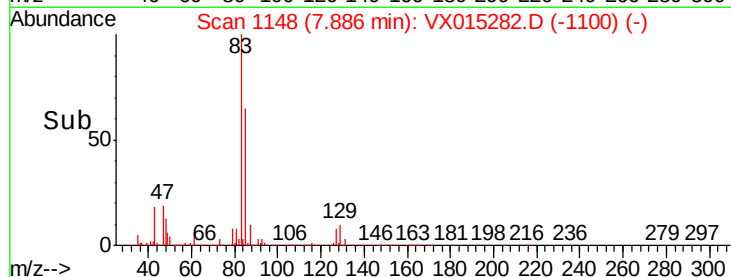
127 7.6 7.1 10.7



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: 52.625 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

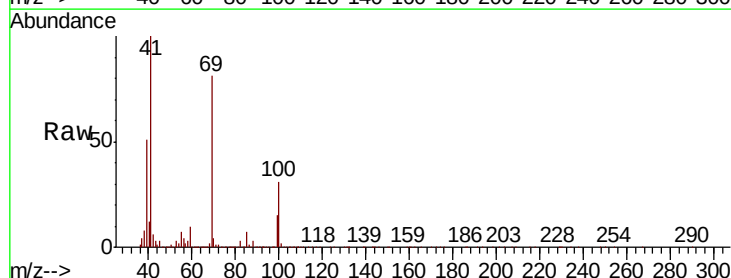
Tgt Ion: 41 Resp: 178134

Ion Ratio Lower Upper

41 100

69 81.7 65.4 98.2

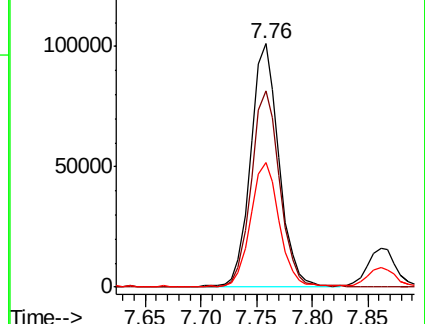
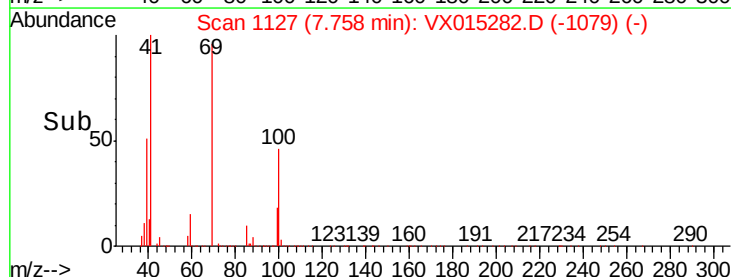
39 51.5 44.6 67.0

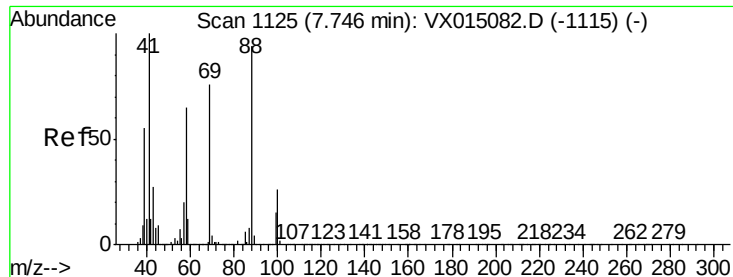


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 957.637 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.02 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

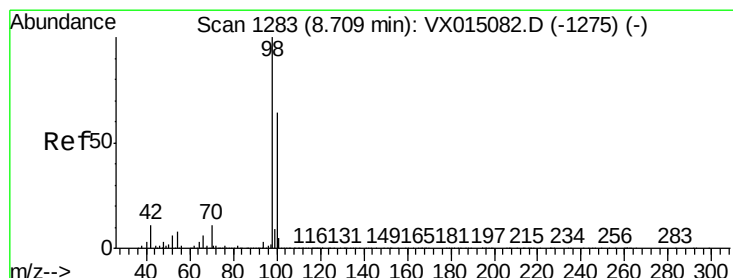
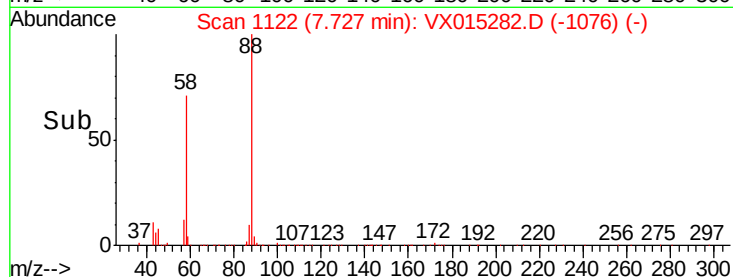
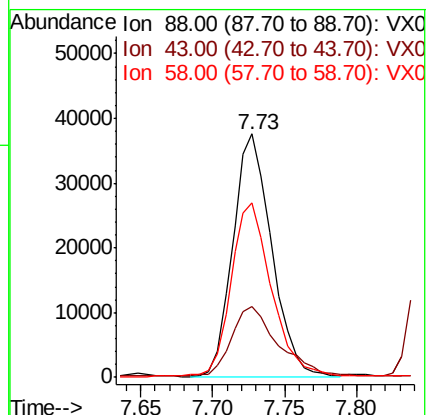
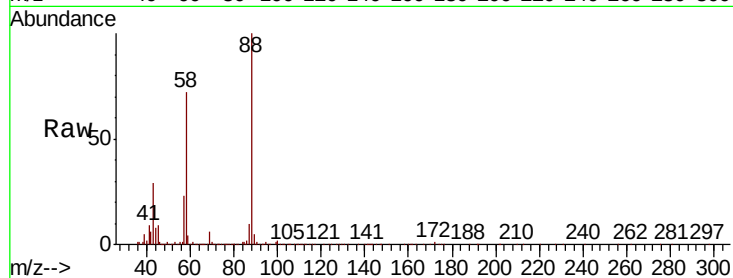
Tot Ion: 88 Resp: 70086

Ion Ratio Lower Upper

88 100

43 35.0 27.0 40.4

58 74.9 55.6 83.4



#50

Toluene-d8

Concen: 50.060 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015282.D

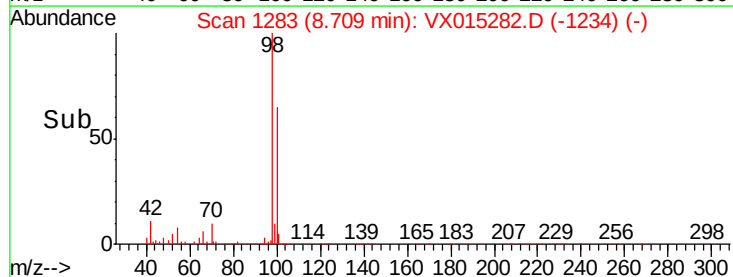
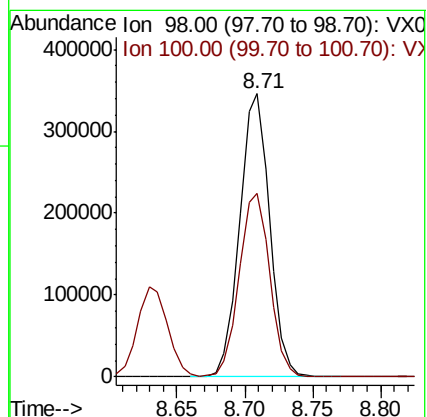
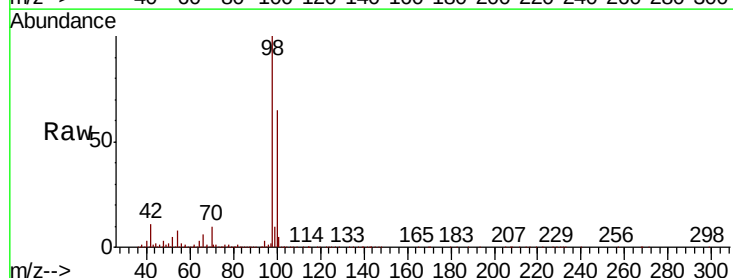
Acq: 16 Mar 2020 10:11

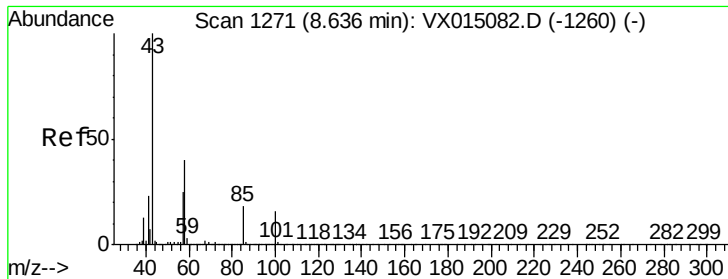
Tgt Ion: 98 Resp: 529606

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6

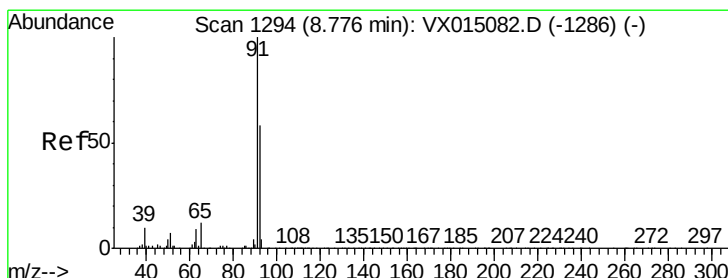
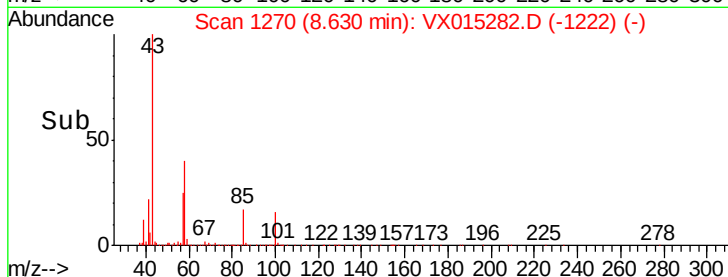
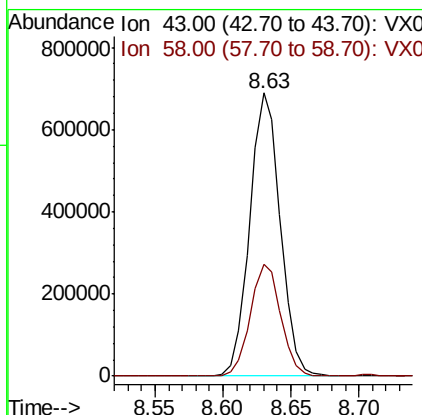
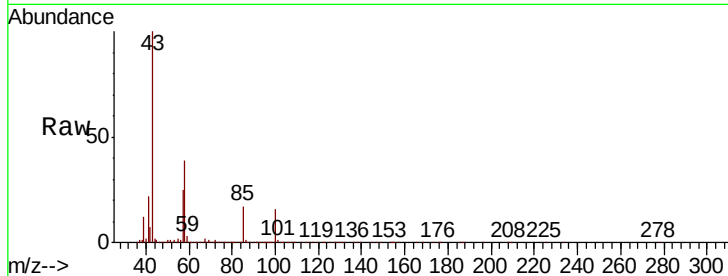




#51
 4-Methyl-2-Pentanone
 Concen: 276.252 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

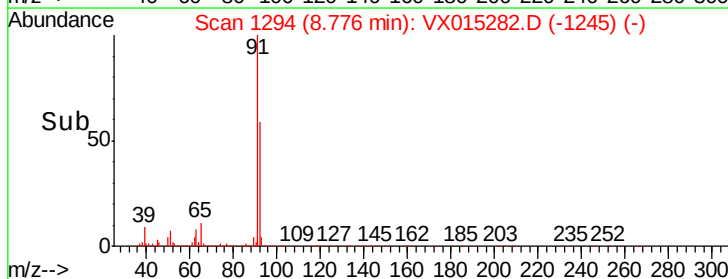
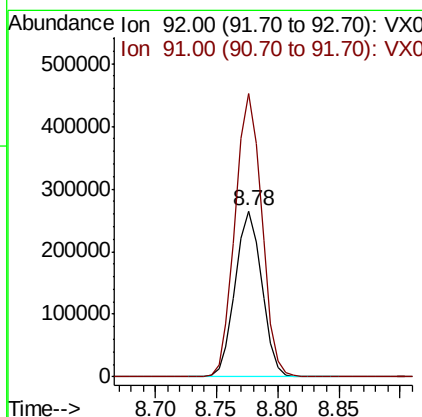
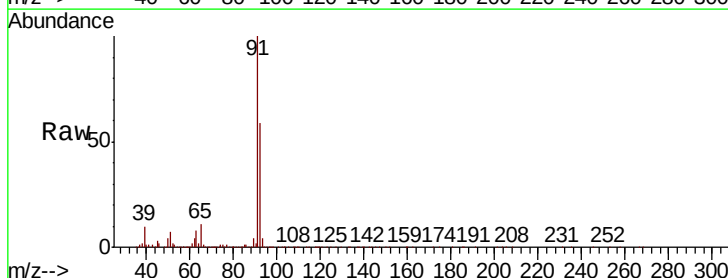
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

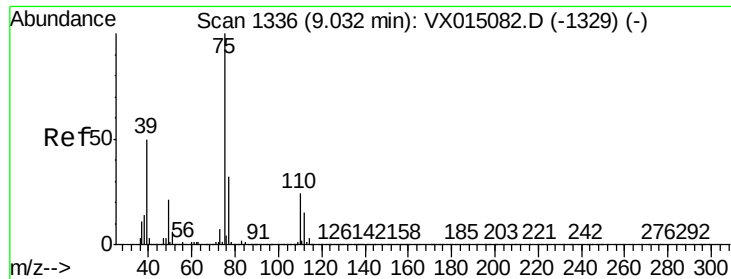
Tot Ion: 43 Resp: 1086293
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.6 47.4



#52
 Toluene
 Concen: 53.997 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion: 92 Resp: 399217
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.9 205.3

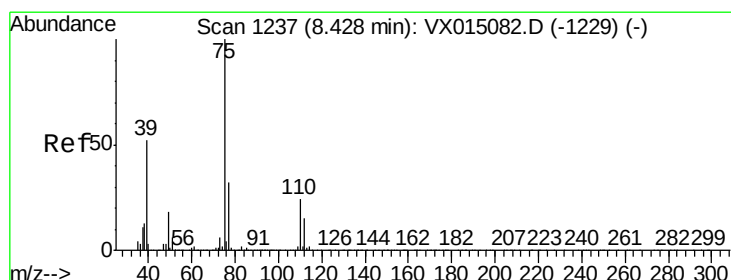
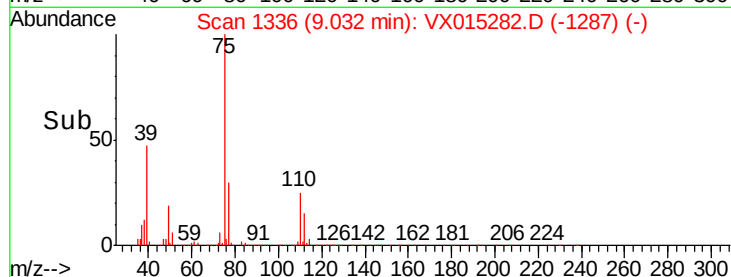
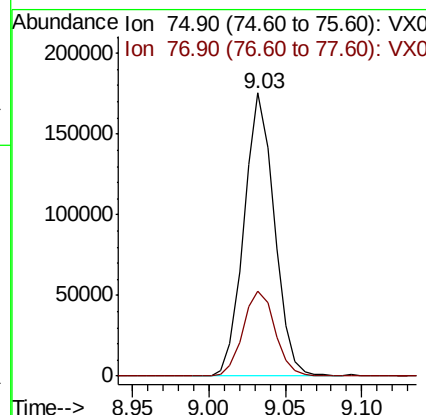
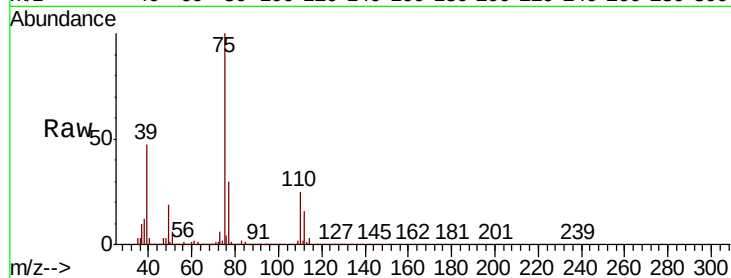




#53
 t-1,3-Dichloropropene
 Concen: 56.361 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

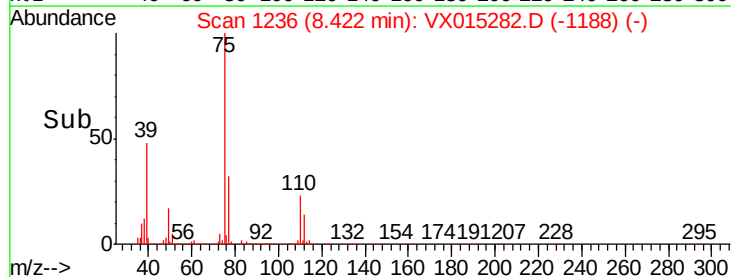
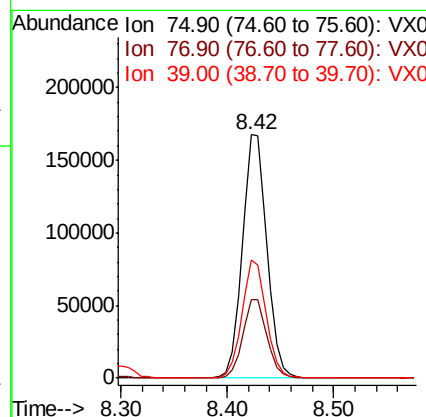
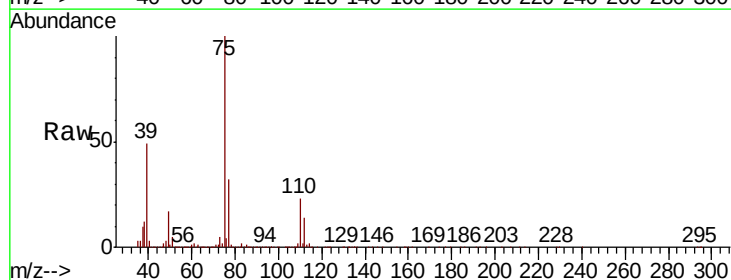
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

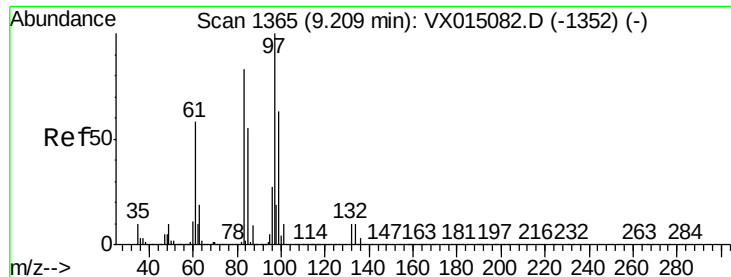
Tot Ion: 75 Resp: 241927
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.664 ug/l
 RT: 8.42 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion: 75 Resp: 270119
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.6
 39 48.5 41.3 61.9

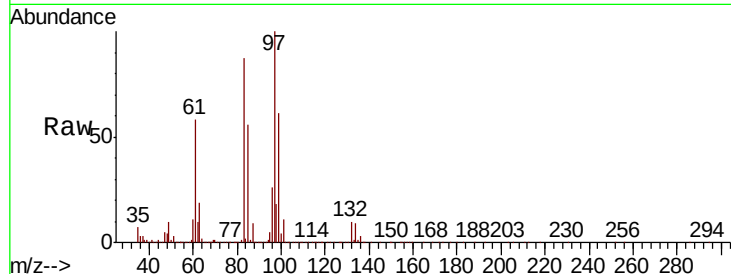




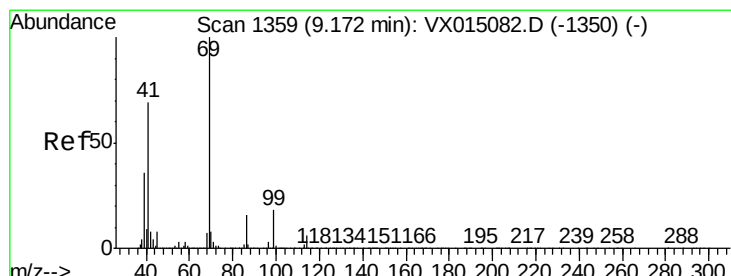
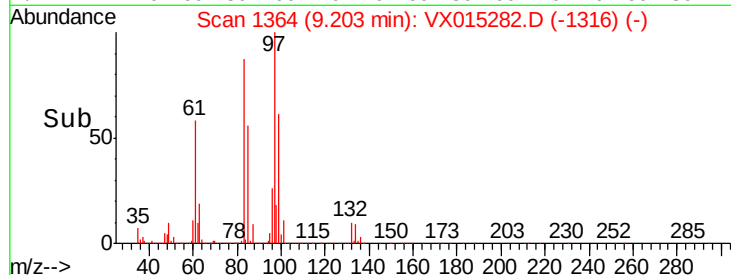
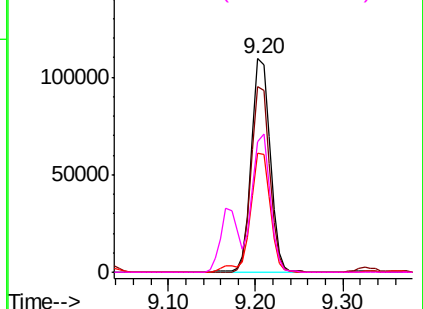
#55
 1,1,2-Trichloroethane
 Concen: 53.425 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	162573
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.4	99.6
85	55.6	43.5	65.3
99	60.9	50.7	76.1

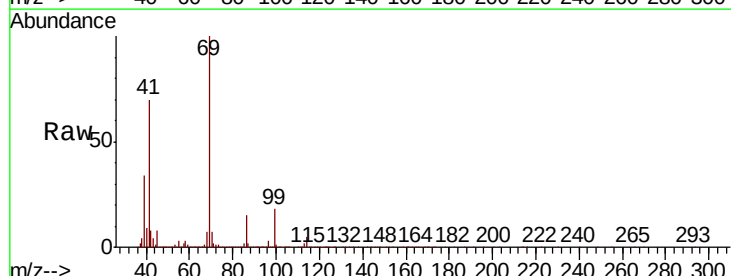


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

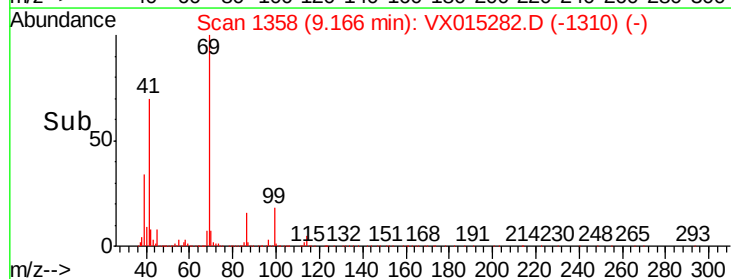
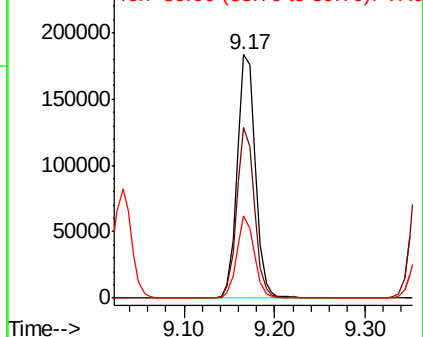


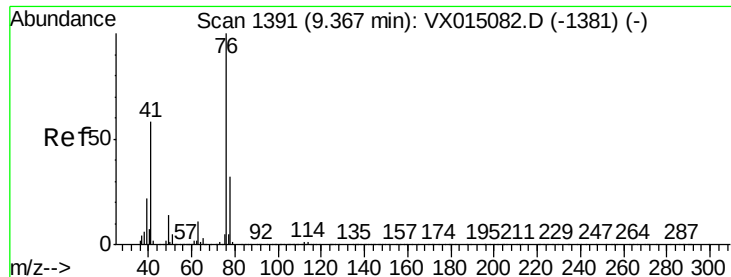
#56
 Ethyl methacrylate
 Concen: 58.707 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion:	69	Resp:	254816
Ion	Ratio	Lower	Upper
69	100		
41	68.2	55.8	83.8
39	32.3	29.4	44.2



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





#57

1,3-Dichloropropane

Concen: 53.915 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

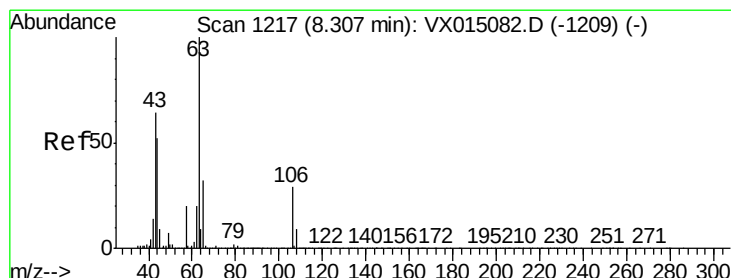
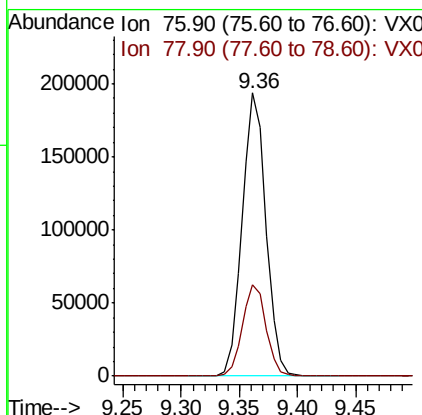
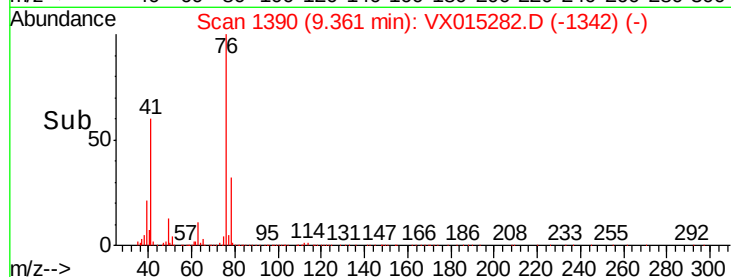
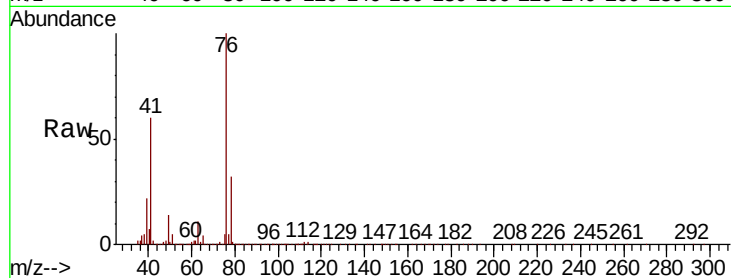
VSTDCCC050

Tot Ion: 76 Resp: 276021

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 290.120 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015282.D

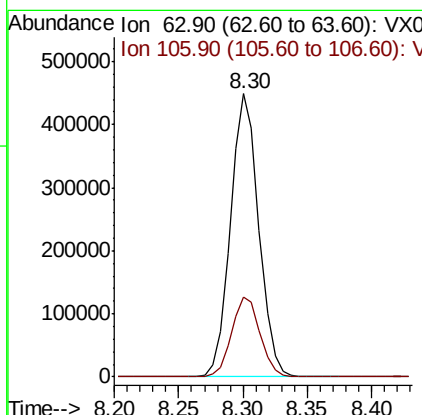
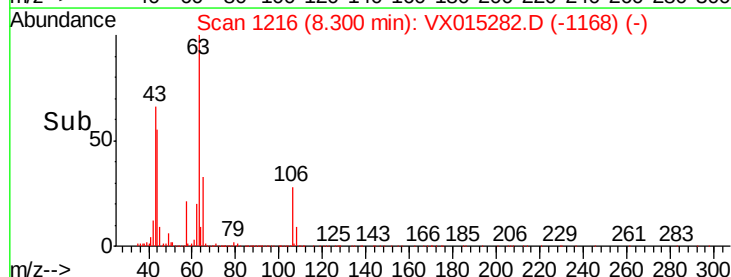
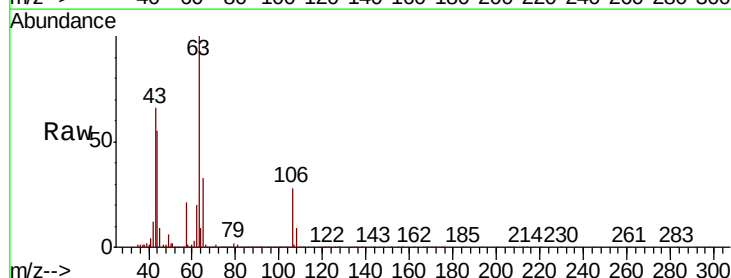
Acq: 16 Mar 2020 10:11

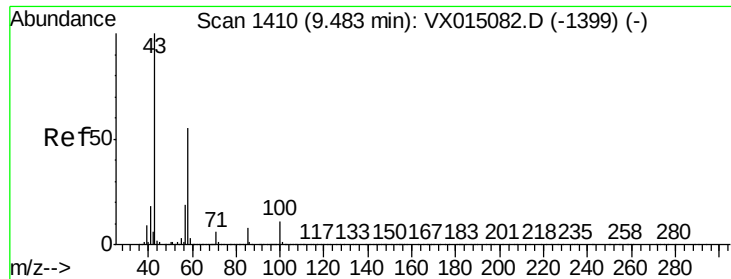
Tgt Ion: 63 Resp: 686018

Ion Ratio Lower Upper

63 100

106 28.5 22.8 34.2

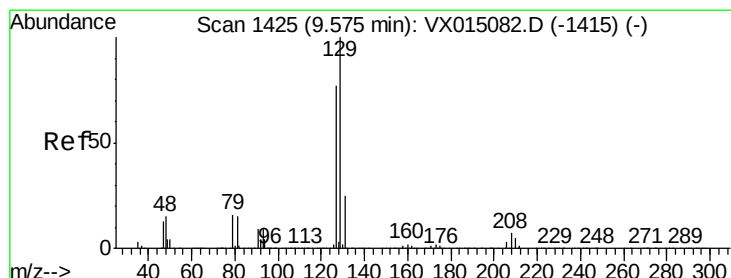
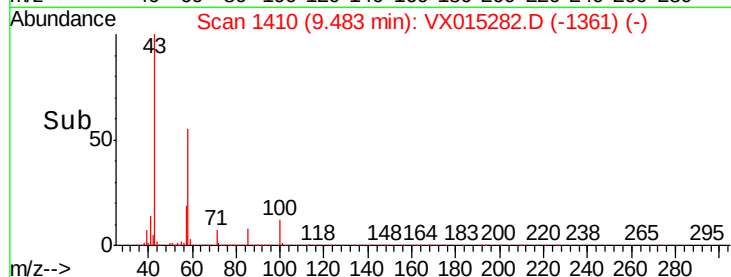
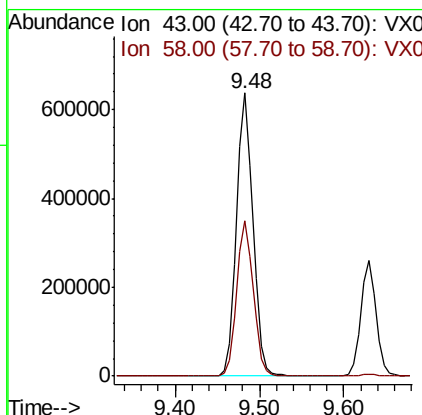
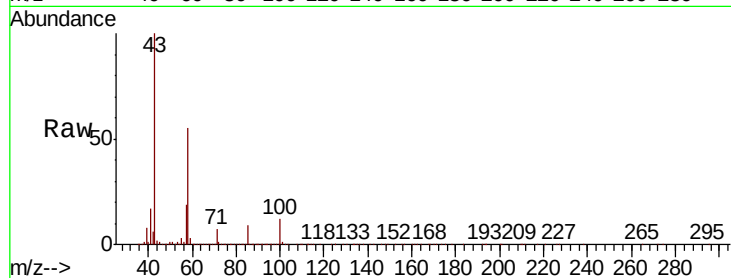




#59
2-Hexanone
Concen: 288.798 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

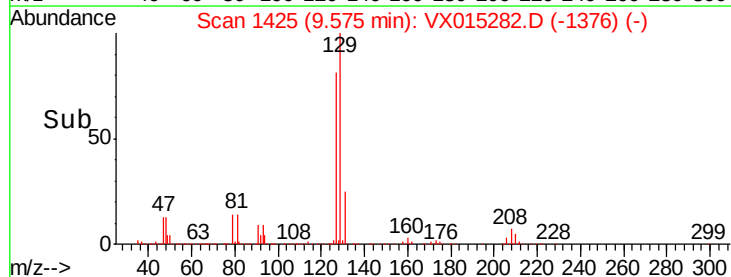
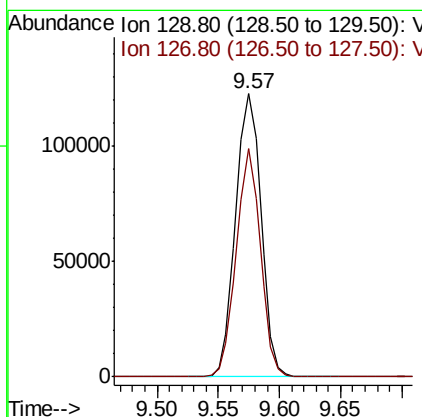
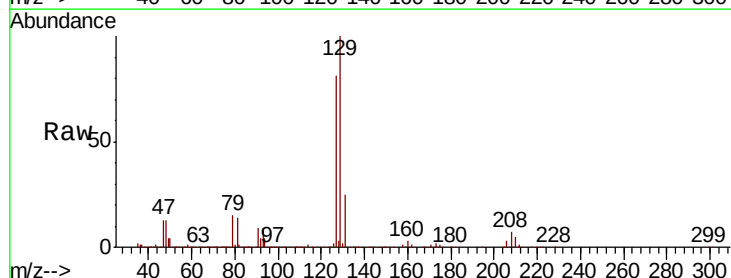
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

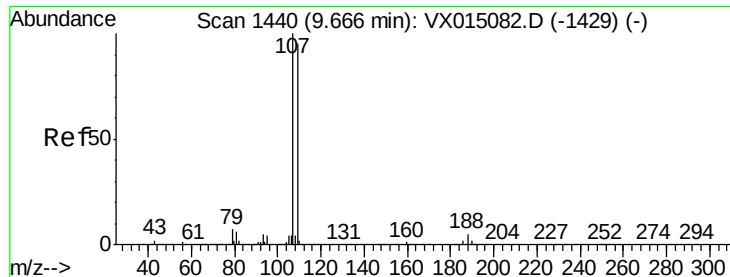
Tot Ion: 43 Resp: 841709
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8



#60
Dibromochloromethane
Concen: 55.555 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion: 129 Resp: 177585
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.397 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

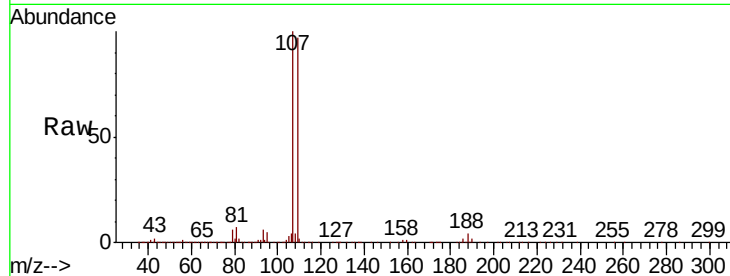
VSTDCCC050

Tot Ion:107 Resp: 167473

Ion Ratio Lower Upper

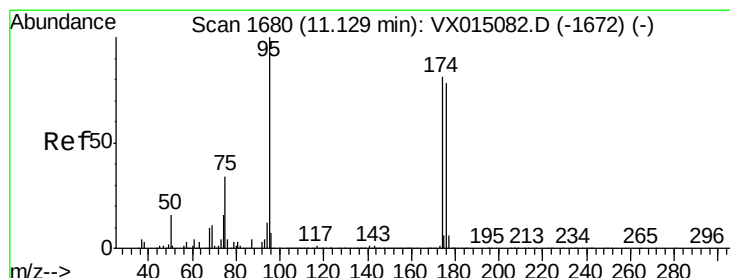
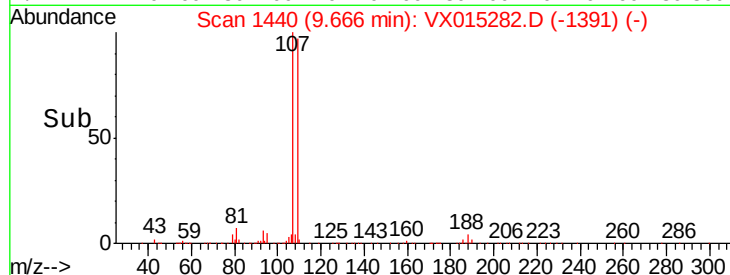
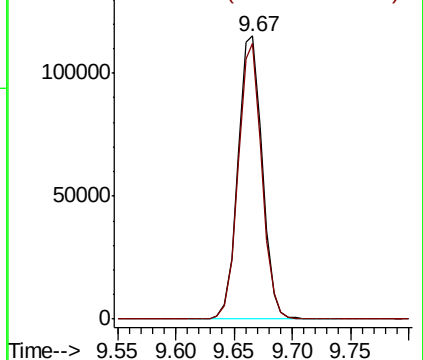
107 100

109 94.1 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.737 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

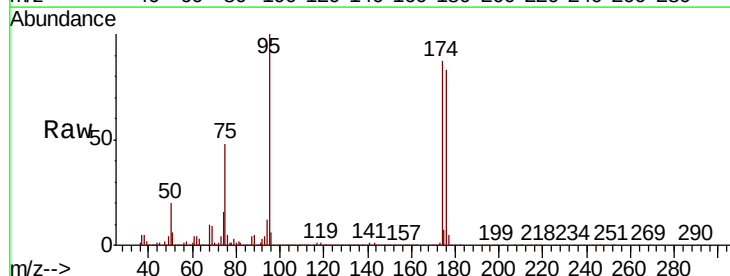
Tgt Ion: 95 Resp: 206555

Ion Ratio Lower Upper

95 100

174 89.5 0.0 177.6

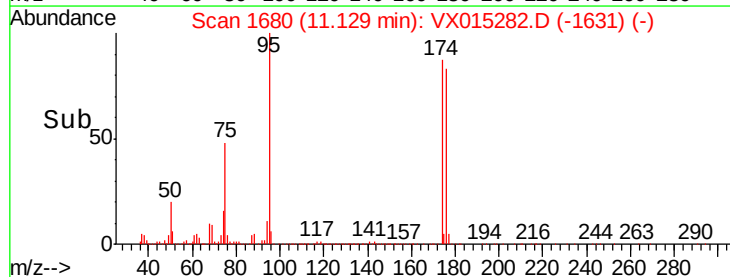
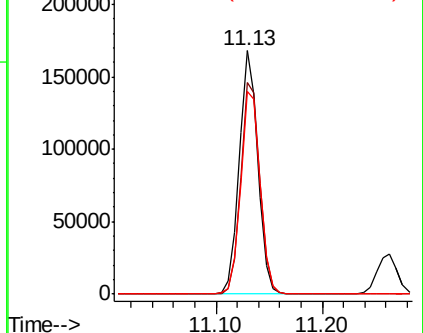
176 87.0 0.0 170.2

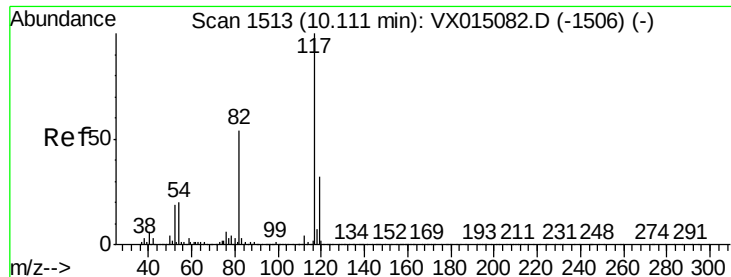


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

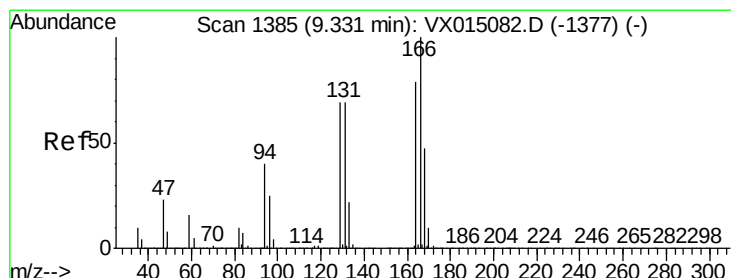
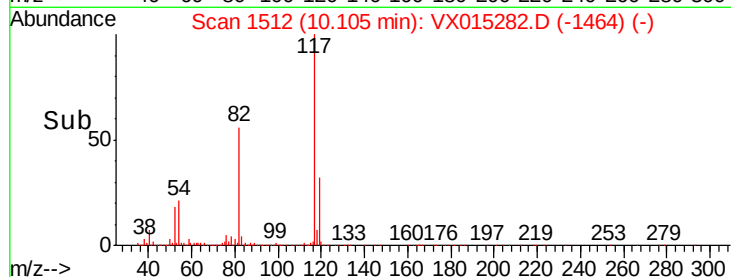
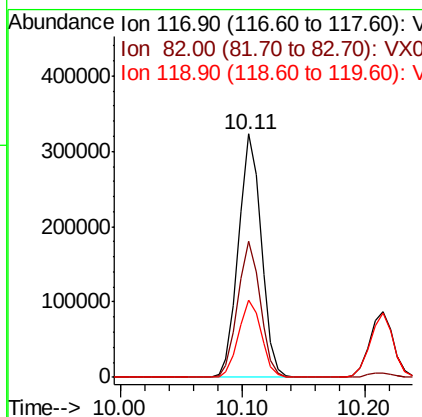
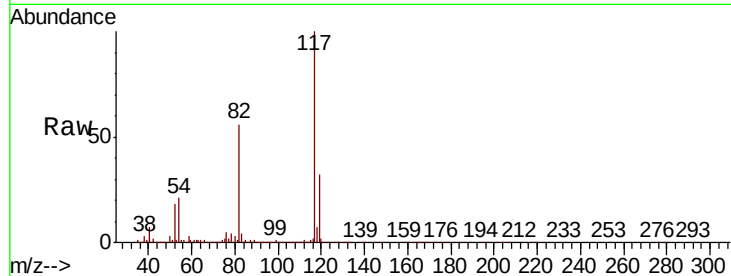




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

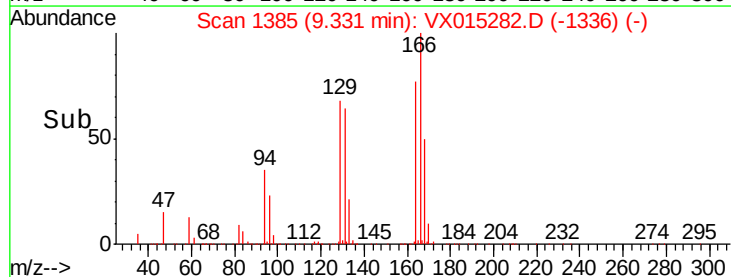
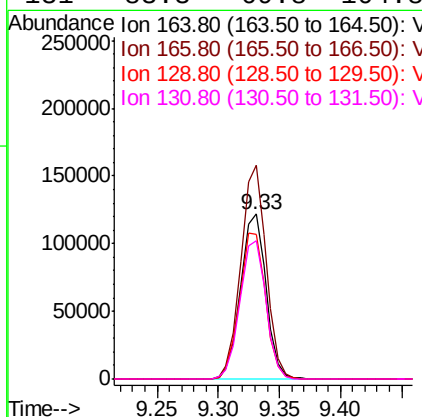
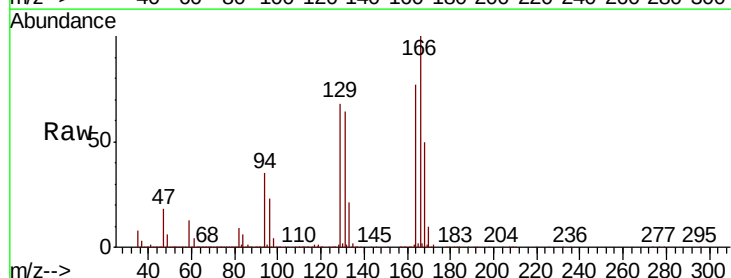
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

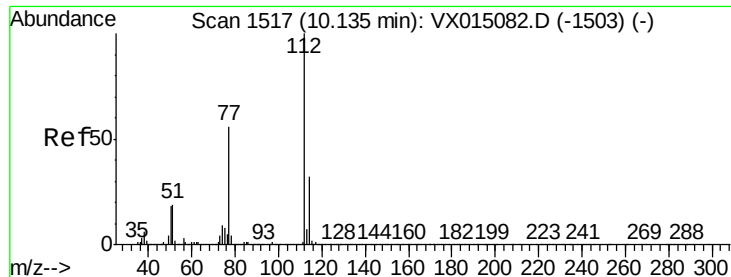
Tot Ion:117 Resp: 415073
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 51.257 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion:164 Resp: 175906
Ion Ratio Lower Upper
164 100
166 129.3 101.1 151.7
129 87.6 69.4 104.0
131 83.3 69.8 104.8

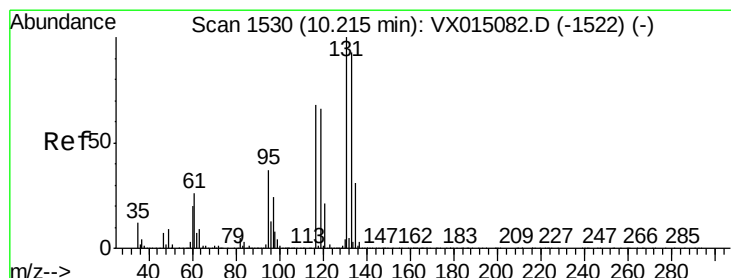
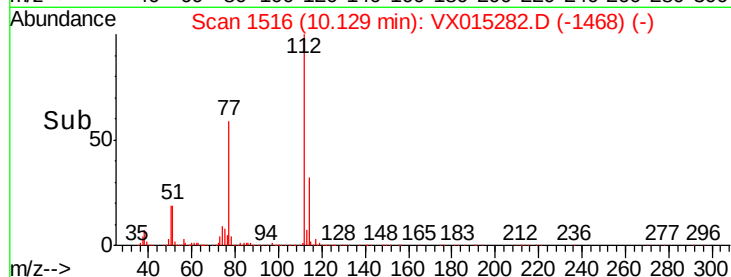
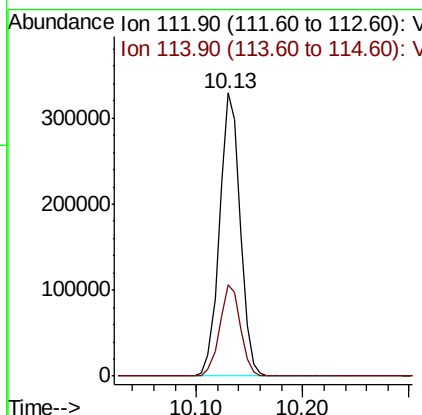
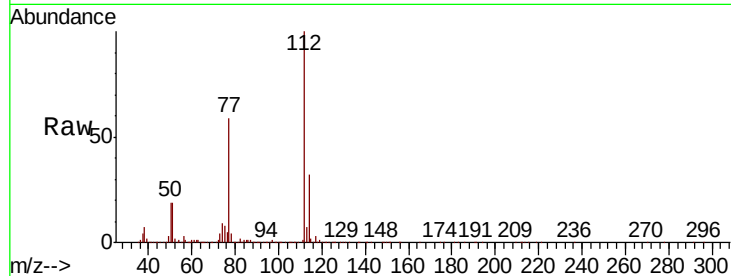




#65
Chlorobenzene
Concen: 53.372 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

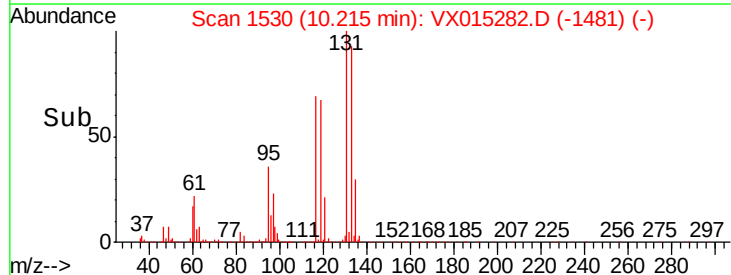
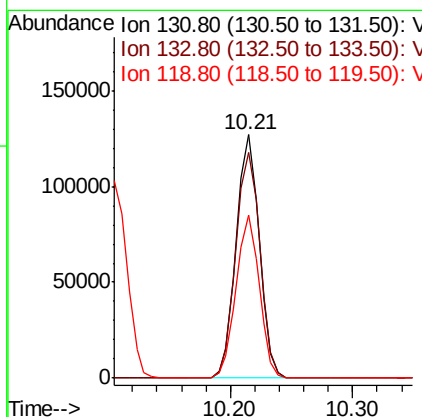
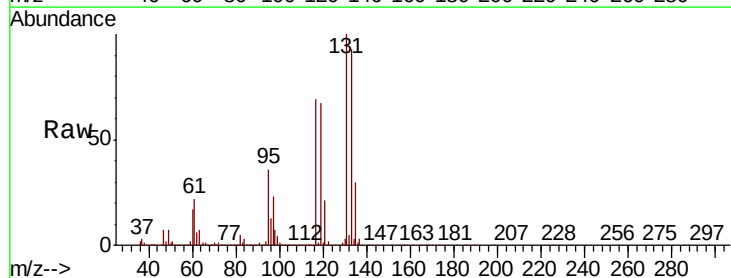
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

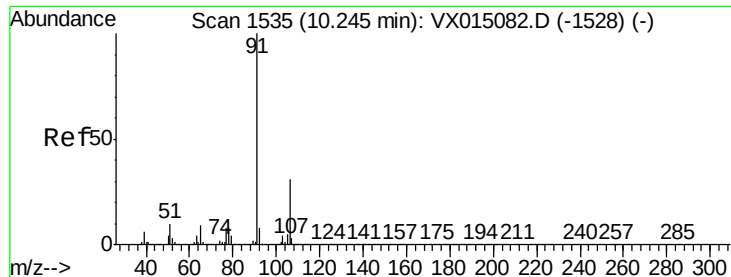
Tot Ion:112 Resp: 444758
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.831 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion:131 Resp: 166006
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 67.1 33.4 100.1





#67

Ethyl Benzene

Concen: 55.952 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

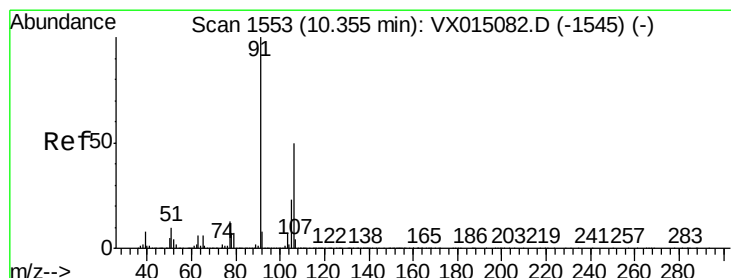
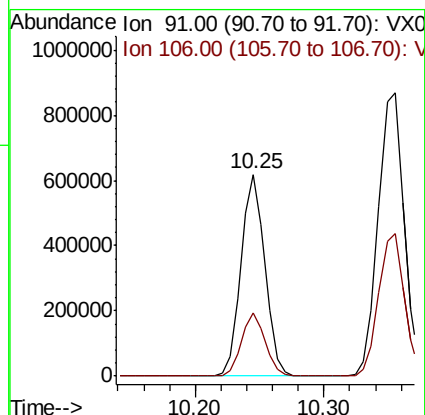
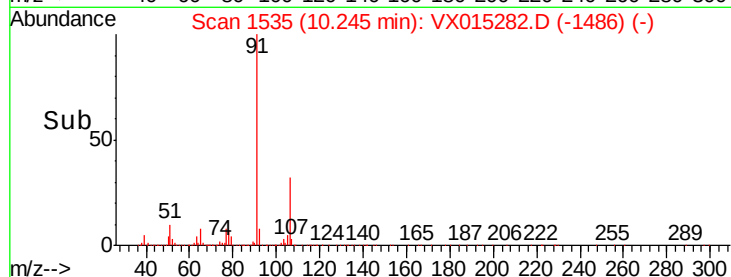
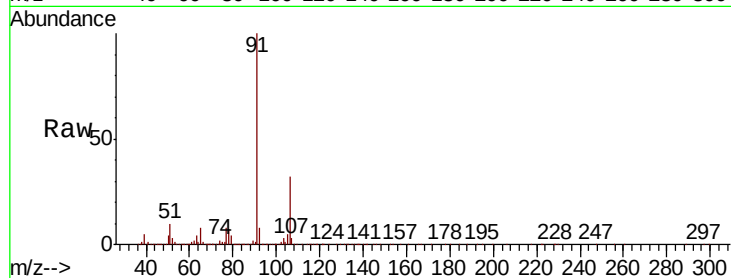
VSTDCCC050

Tot Ion: 91 Resp: 791755

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 111.856 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015282.D

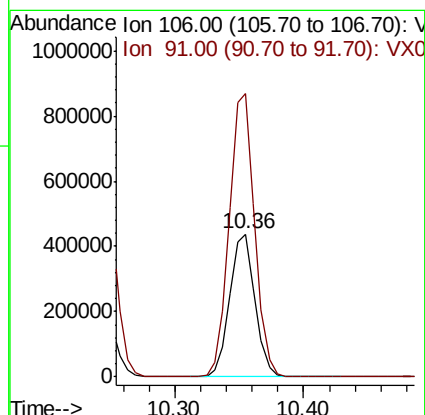
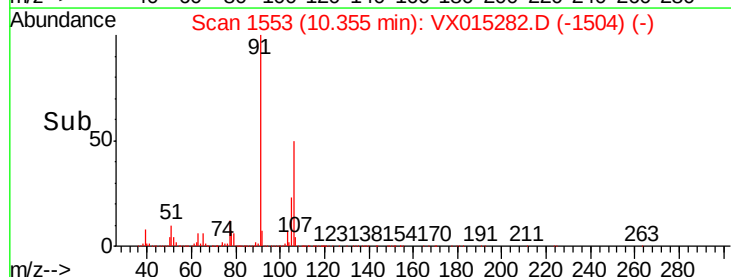
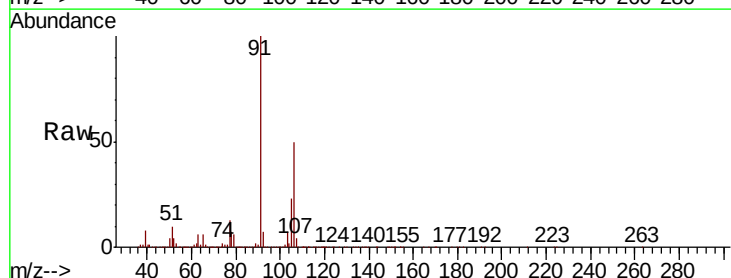
Acq: 16 Mar 2020 10:11

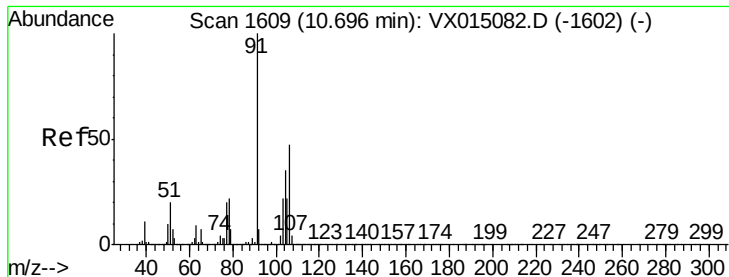
Tgt Ion: 106 Resp: 602210

Ion Ratio Lower Upper

106 100

91 199.9 159.4 239.2





#69

o-Xylene

Concen: 57.057 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

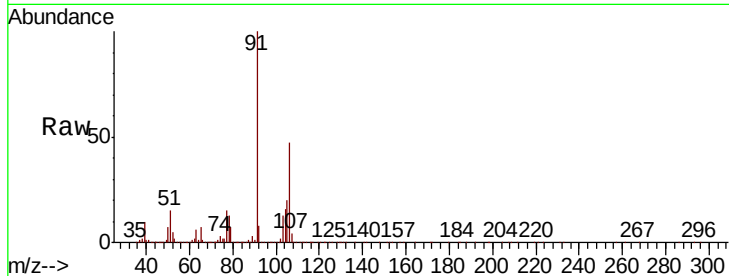
VSTDCCC050

Tot Ion:106 Resp: 294107

Ion Ratio Lower Upper

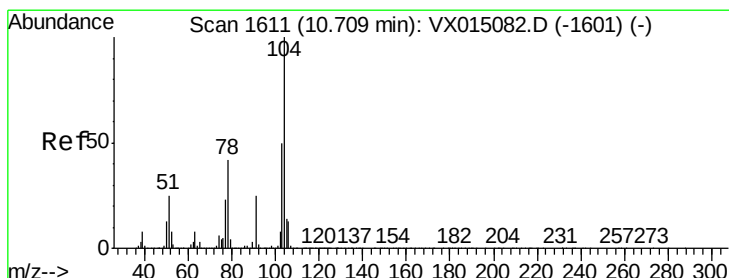
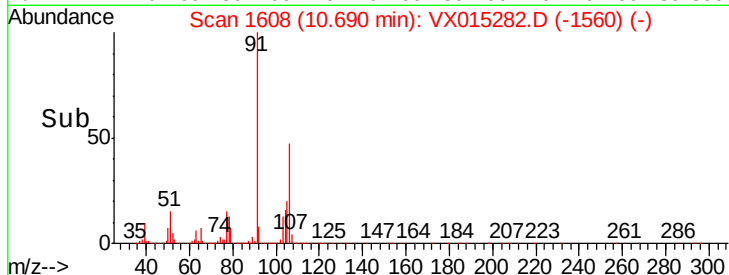
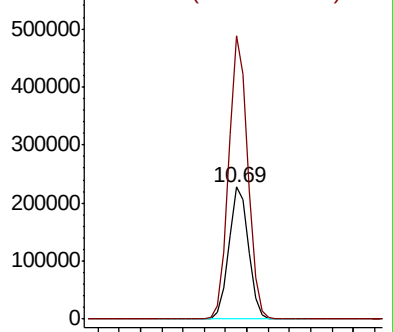
106 100

91 209.1 105.4 316.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 58.114 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

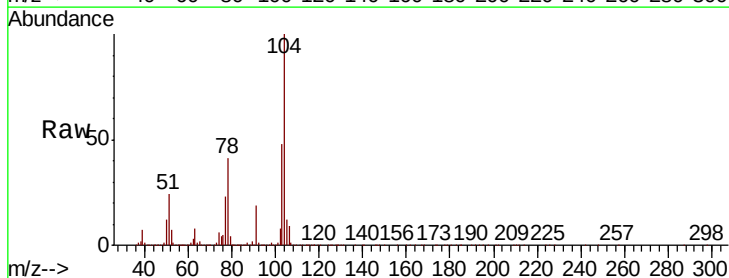
Tgt Ion:104 Resp: 513628

Ion Ratio Lower Upper

104 100

78 47.6 39.0 58.4

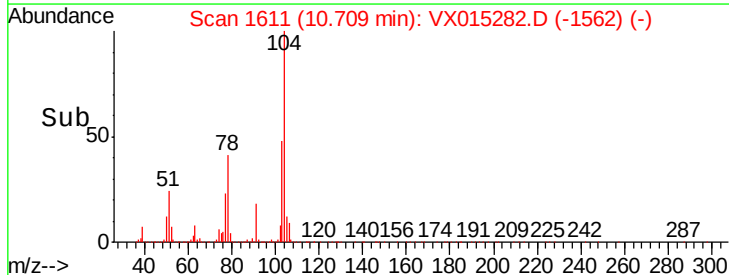
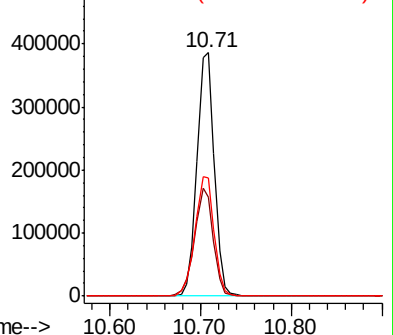
103 53.9 43.7 65.5

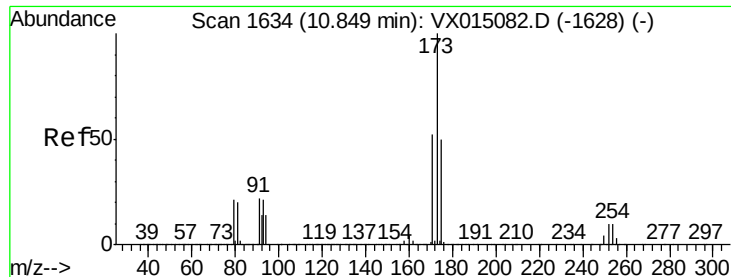


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.845 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

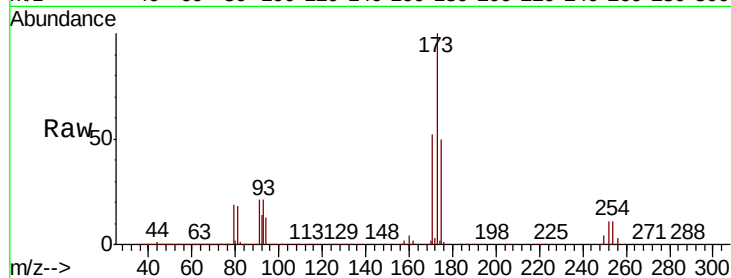
Tot Ion:173 Resp: 138513

Ion Ratio Lower Upper

173 100

175 49.6 24.9 74.7

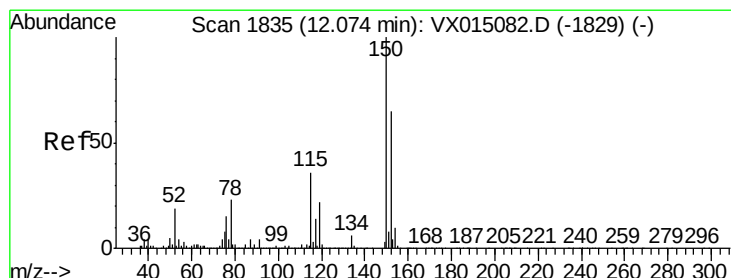
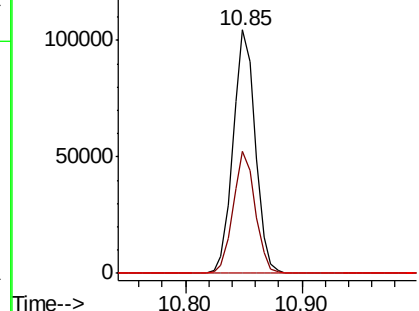
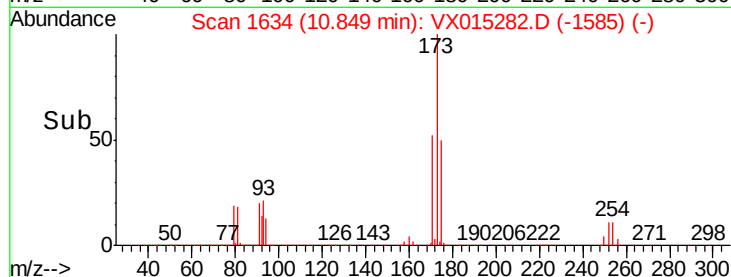
254 0.1 0.2 0.2#



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

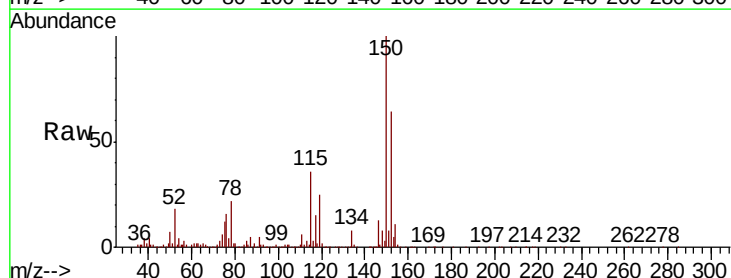
Tgt Ion:152 Resp: 235275

Ion Ratio Lower Upper

152 100

115 79.8 38.2 114.6

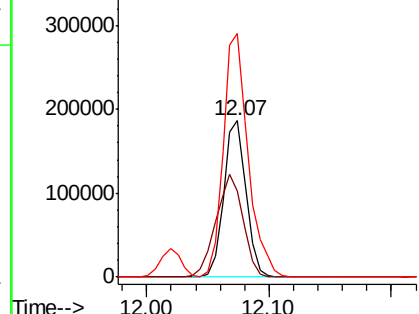
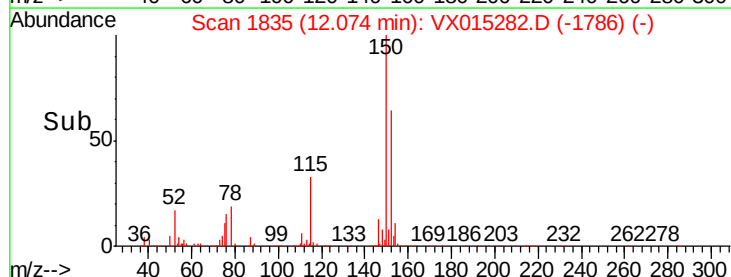
150 173.6 0.0 343.8

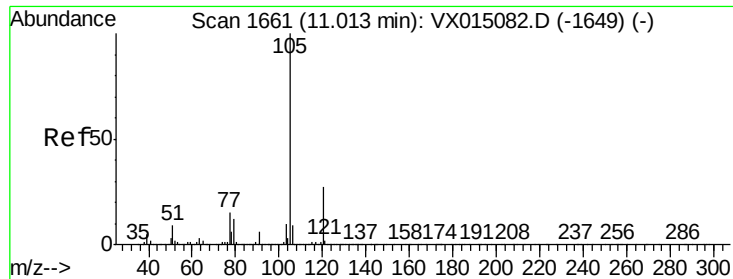


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.188 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

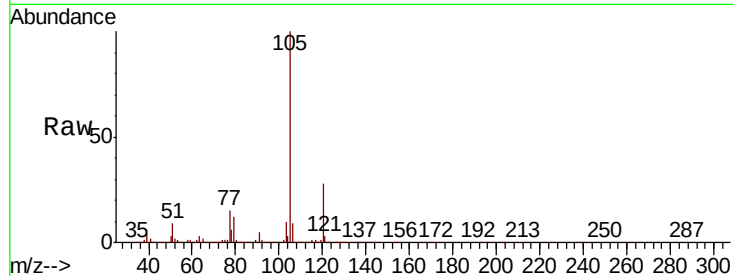
VSTDCCC050

Tot Ion:105 Resp: 799396

Ion Ratio Lower Upper

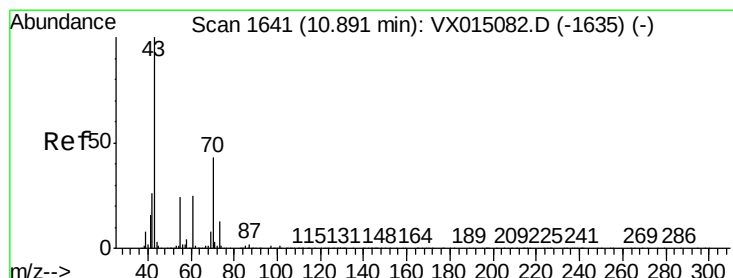
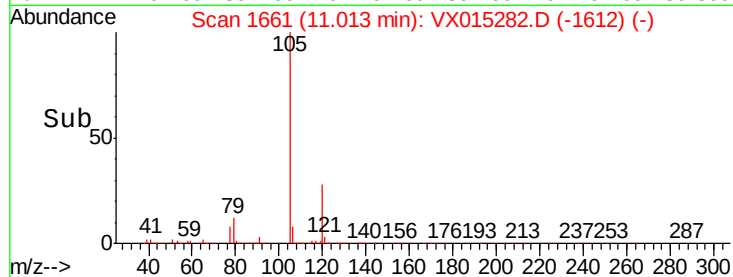
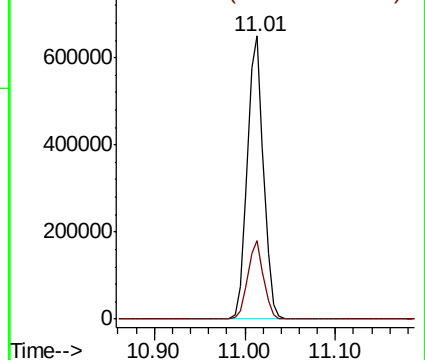
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.294 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion: 43 Resp: 343894

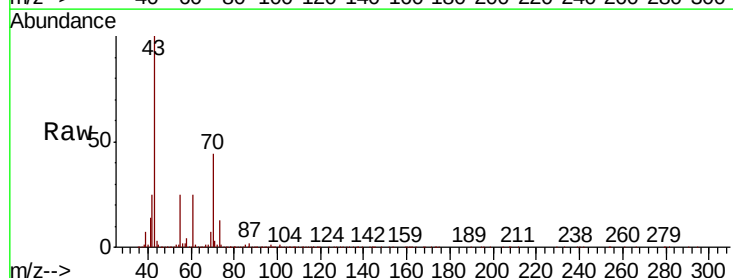
Ion Ratio Lower Upper

43 100

70 42.8 34.7 52.1

55 24.3 19.4 29.0

61 24.7 19.0 28.6

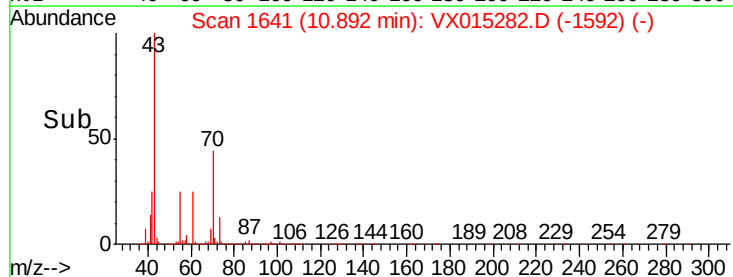
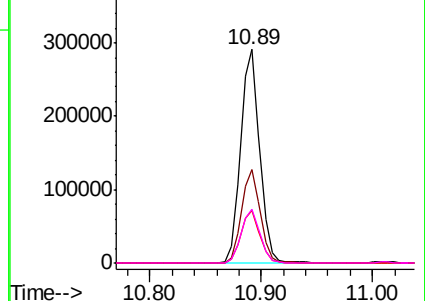


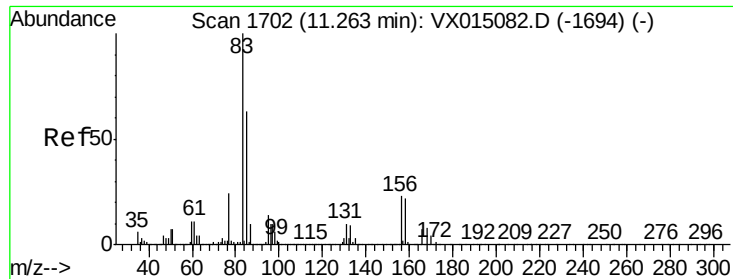
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.371 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

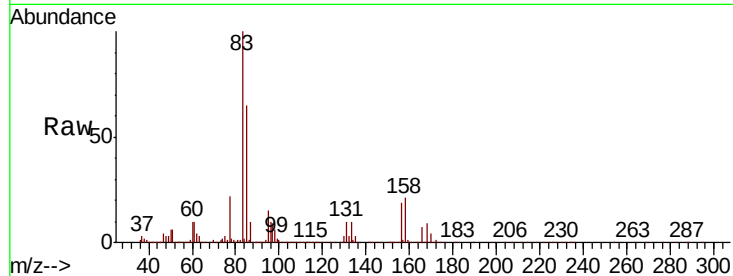
Tot Ion: 83 Resp: 252301

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

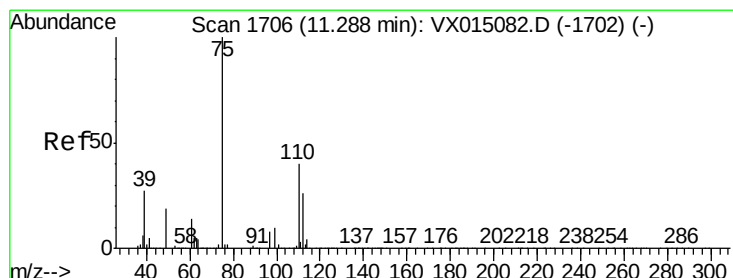
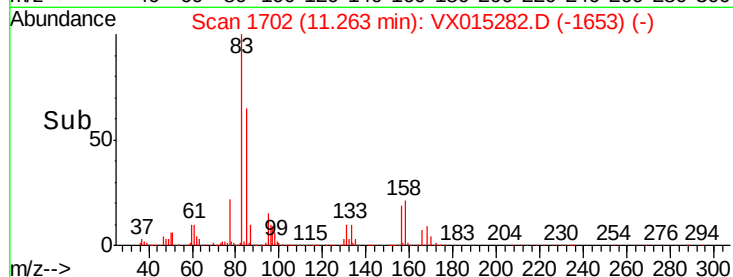
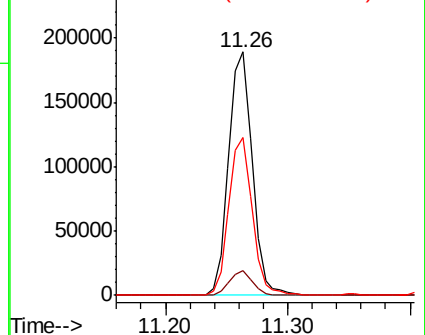
85 64.5 31.9 95.9



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: 61.958 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015282.D

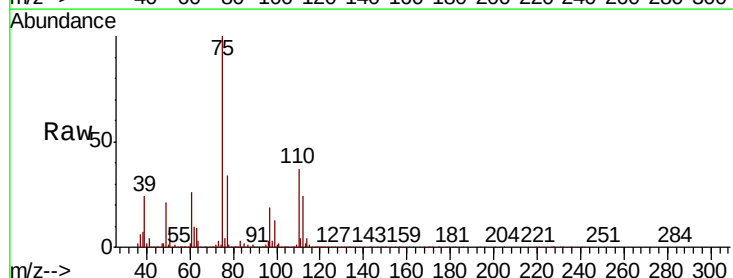
Acq: 16 Mar 2020 10:11

Tgt Ion: 75 Resp: 290773

Ion Ratio Lower Upper

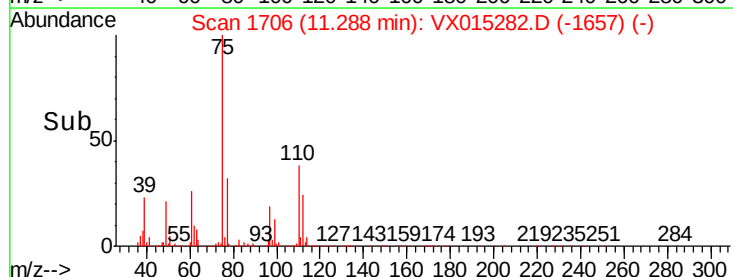
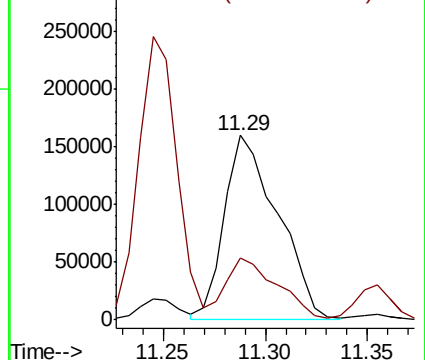
75 100

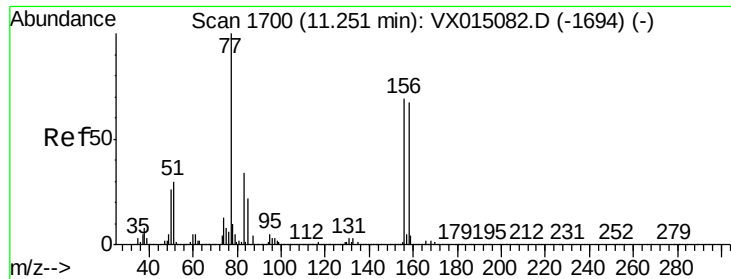
77 32.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.107 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

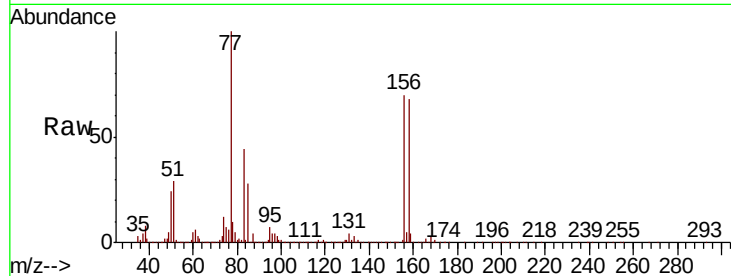
Tot Ion:156 Resp: 209877

Ion Ratio Lower Upper

156 100

77 151.8 75.3 225.9

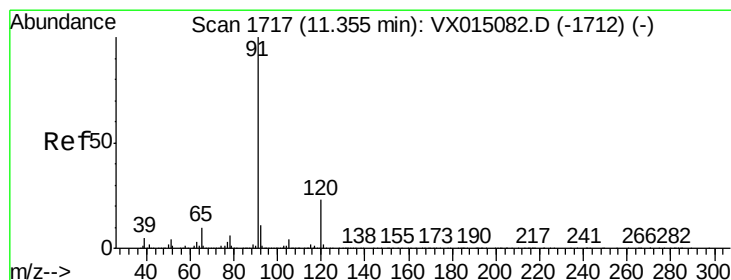
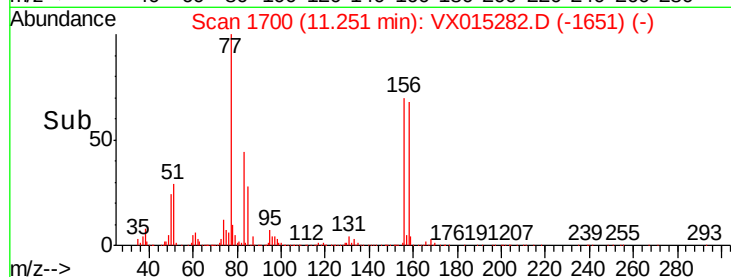
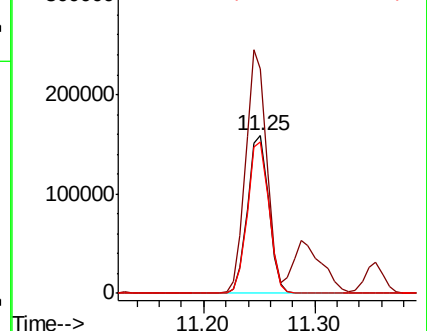
158 97.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.472 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015282.D

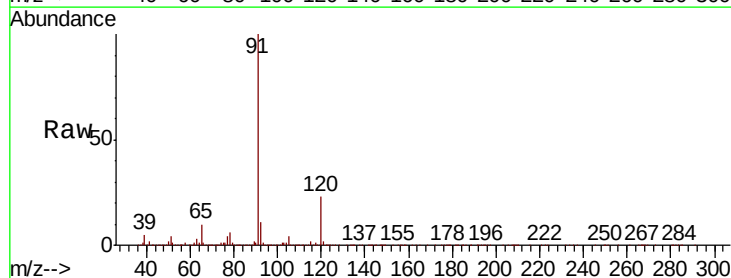
Acq: 16 Mar 2020 10:11

Tgt Ion: 91 Resp: 952492

Ion Ratio Lower Upper

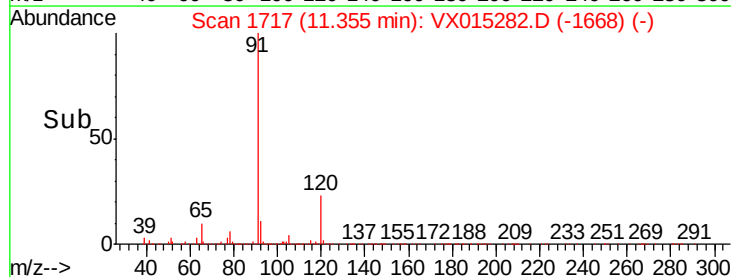
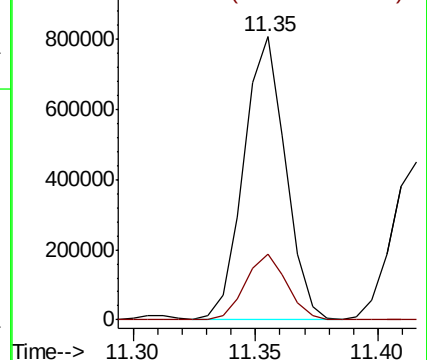
91 100

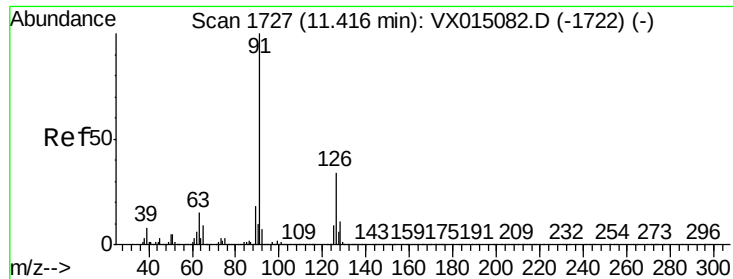
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

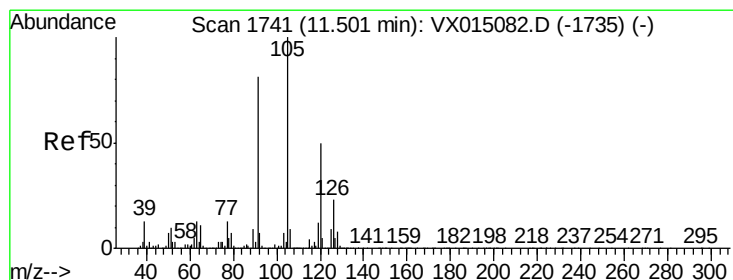
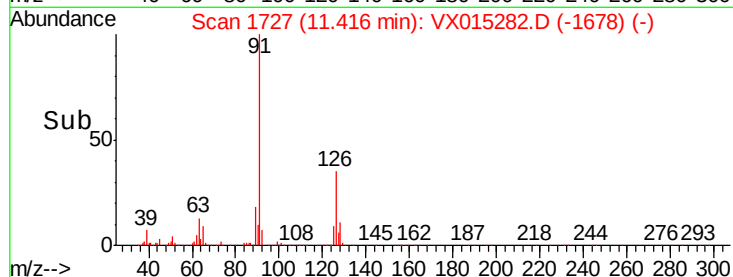
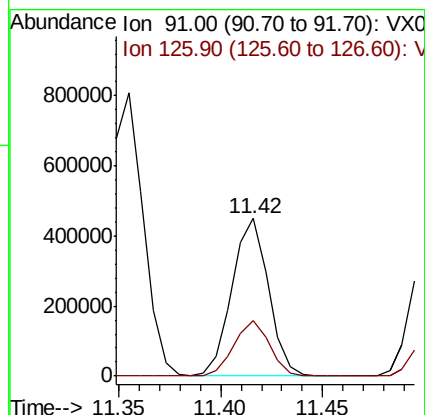
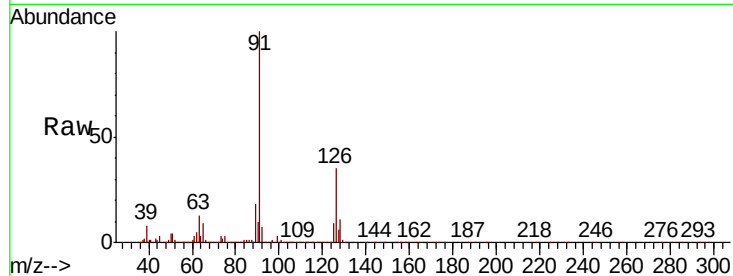




#79
 2-Chlorotoluene
 Concen: 54.089 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

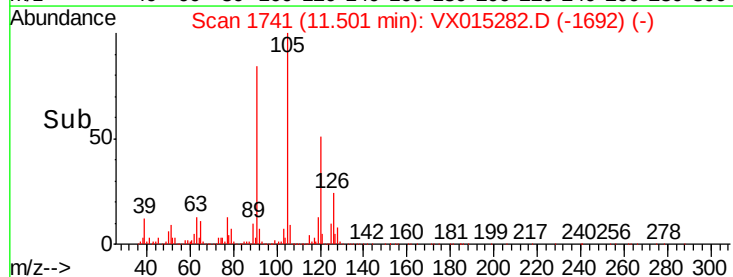
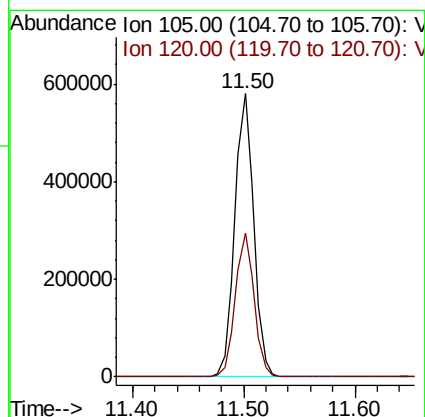
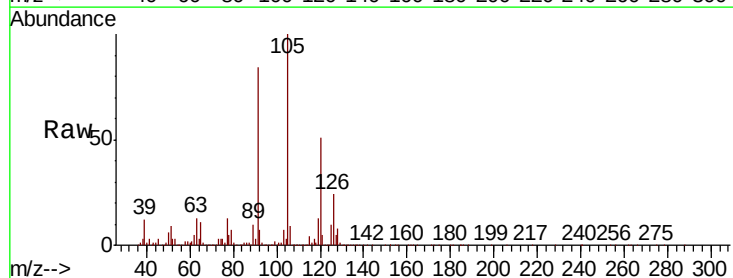
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

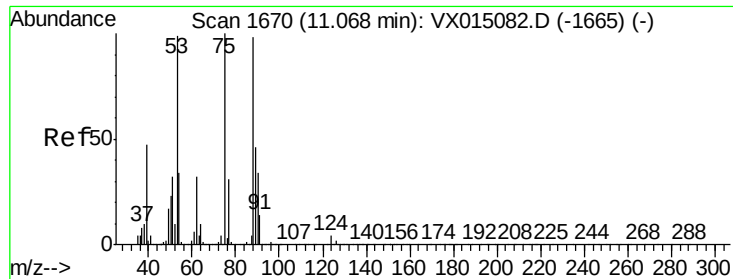
Tot Ion: 91 Resp: 554646
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.411 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion: 105 Resp: 680766
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.1 75.4

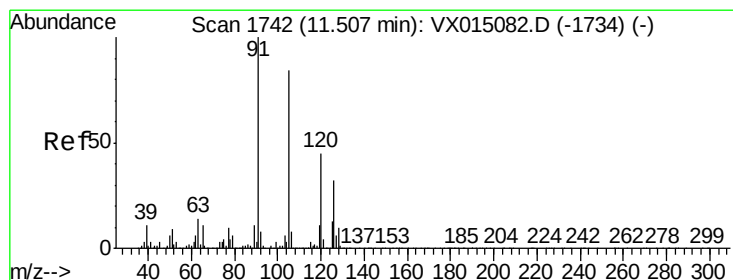
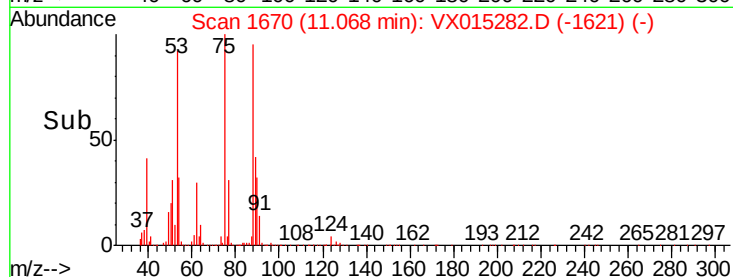
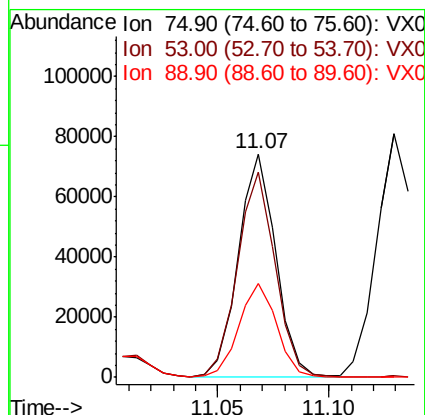
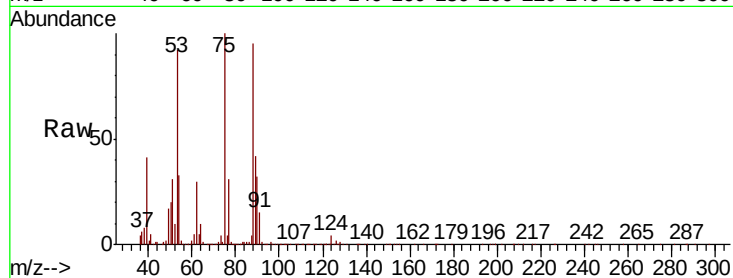




#81
trans-1,4-Dichloro-2-butene
Concen: 52.673 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

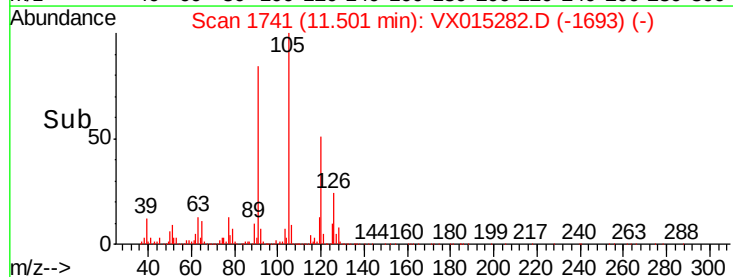
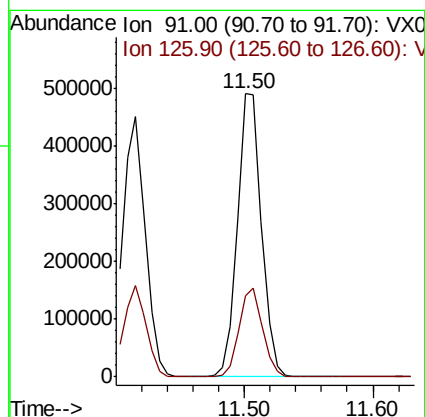
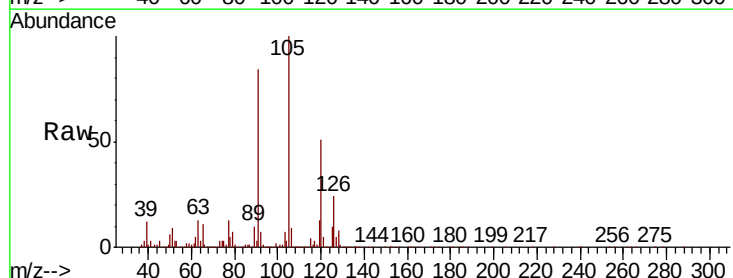
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

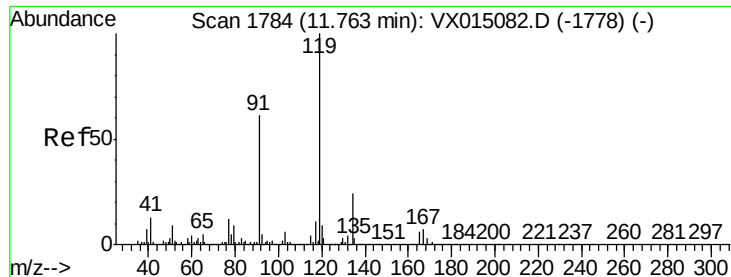
Tot Ion: 75 Resp: 87102
Ion Ratio Lower Upper
75 100
53 92.2 77.9 116.9
89 42.6 36.2 54.2



#82
4-Chlorotoluene
Concen: 52.585 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion: 91 Resp: 637056
Ion Ratio Lower Upper
91 100
126 30.6 15.4 46.2

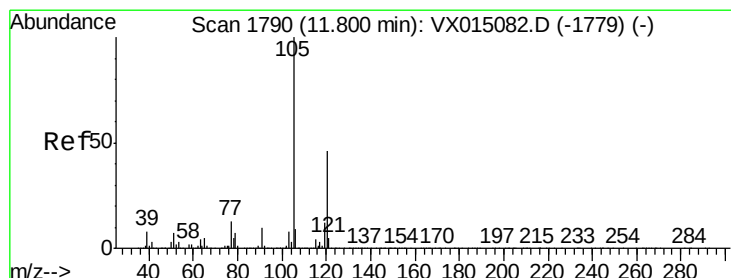
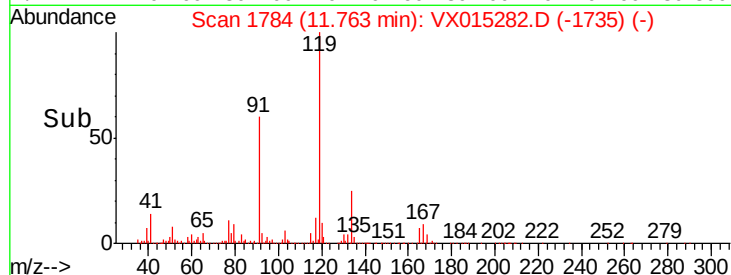
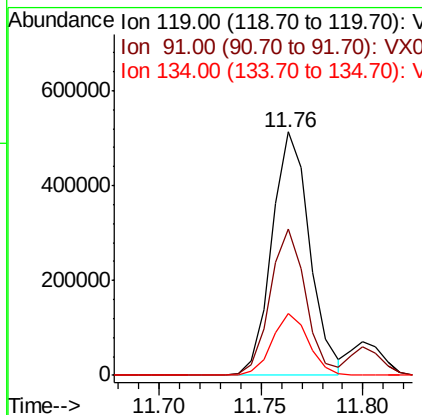
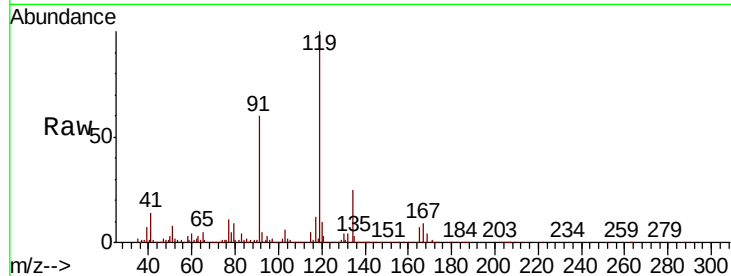




#83
tert-Butylbenzene
Concen: 54.867 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

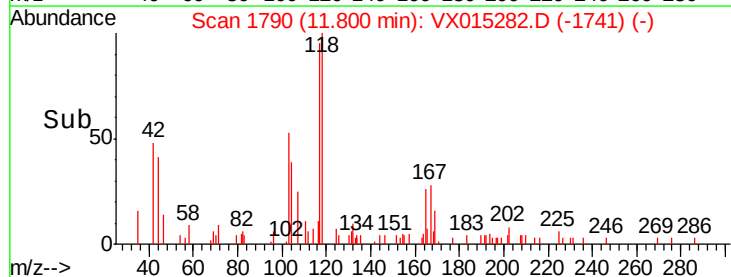
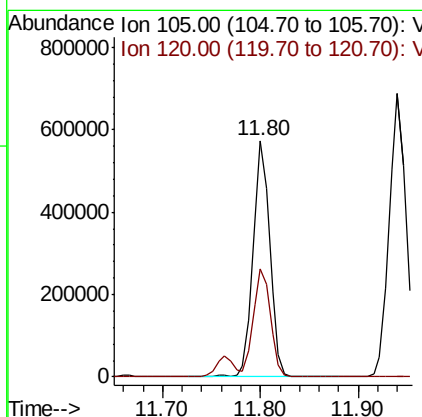
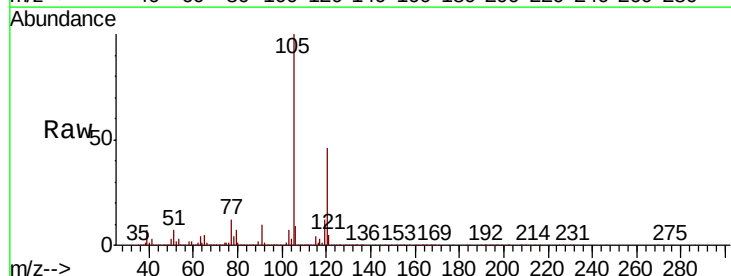
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

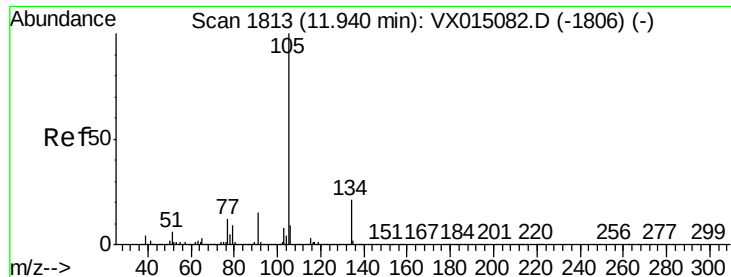
Tot Ion:119 Resp: 663770
Ion Ratio Lower Upper
119 100
91 56.8 28.5 85.6
134 24.5 11.9 35.7



#84
1,2,4-Trimethylbenzene
Concen: 54.405 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion:105 Resp: 683823
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 56.199 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

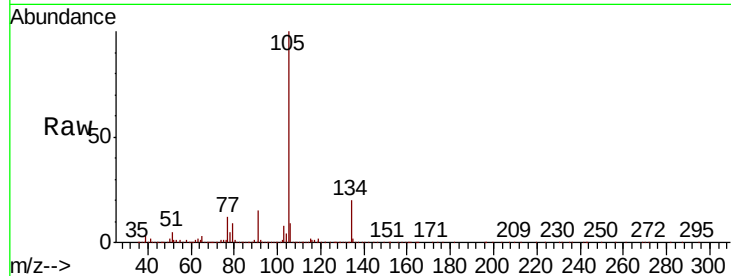
VSTDCCC050

Tot Ion:105 Resp: 820737

Ion Ratio Lower Upper

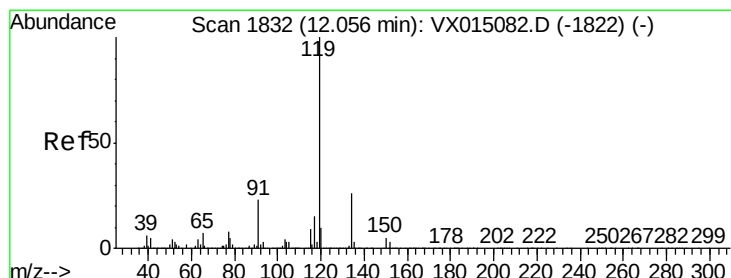
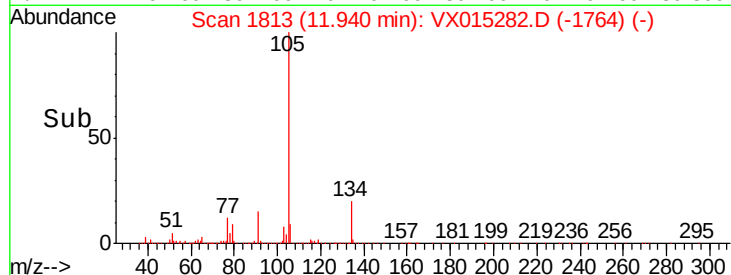
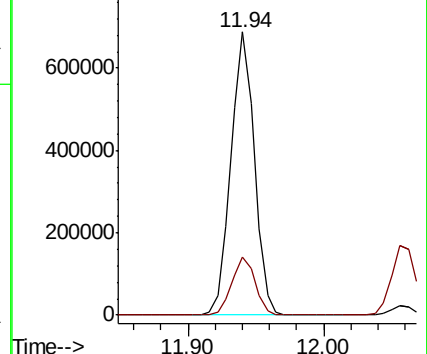
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.751 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

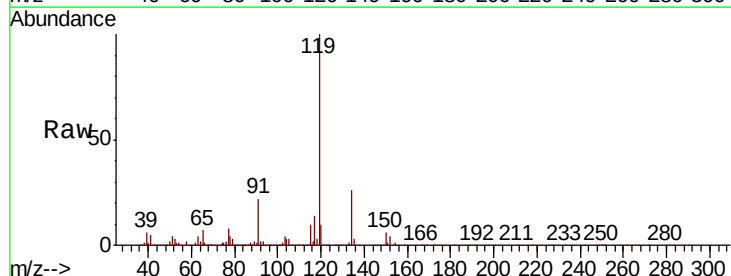
Tgt Ion:119 Resp: 777033

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

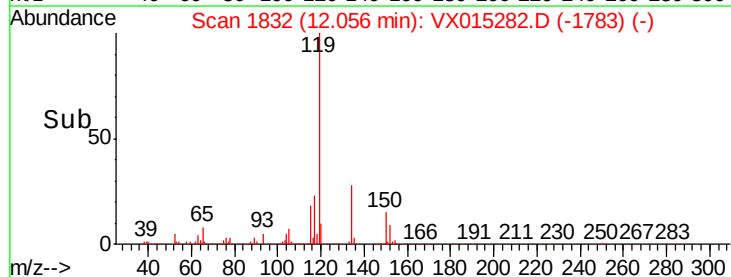
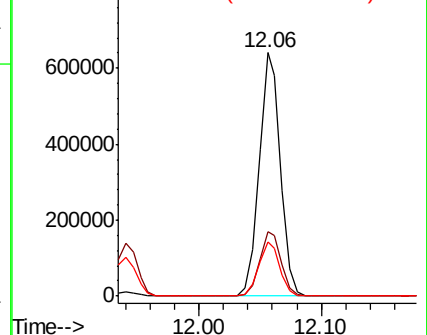
91 22.1 11.3 33.8

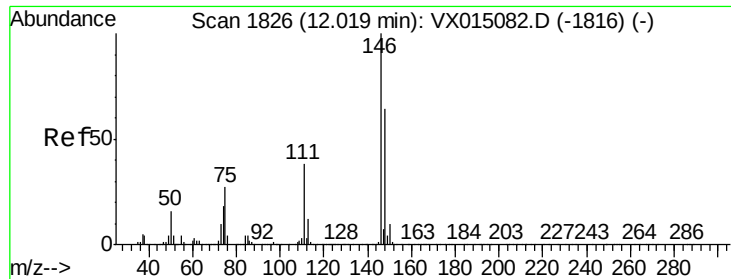


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 53.408 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

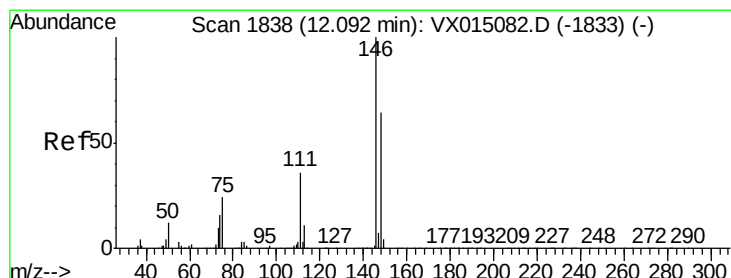
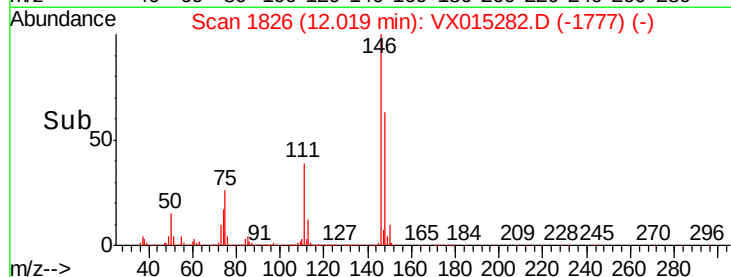
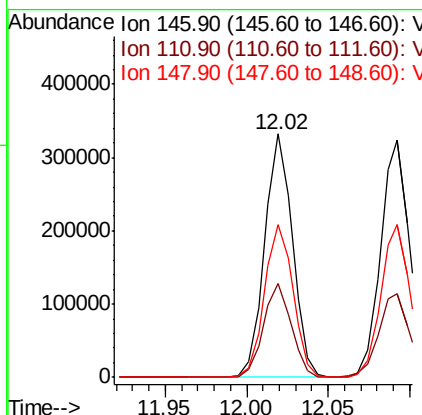
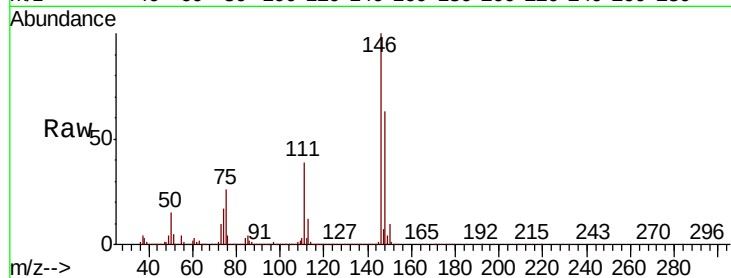
Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 393258

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	64.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 52.611 ug/l

RT: 12.09 min Scan# 1838

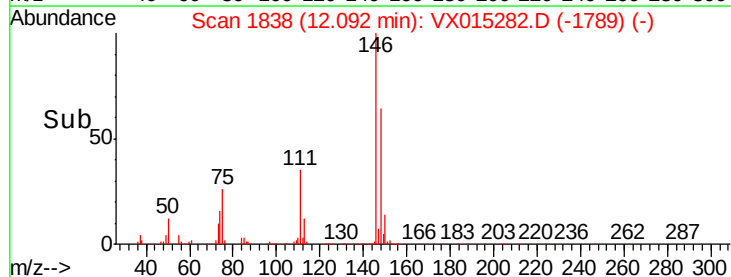
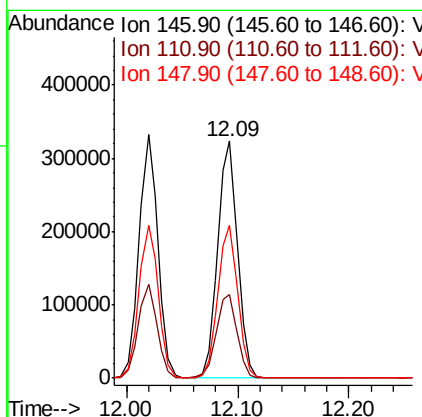
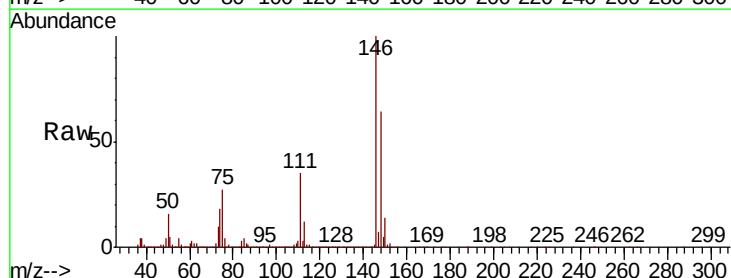
Delta R.T. 0.00 min

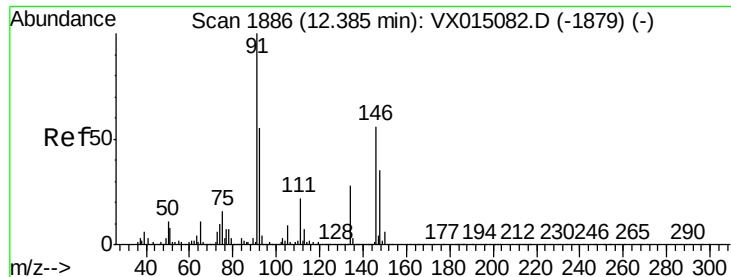
Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion:146 Resp: 399947

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.4	32.5	97.4





#89

n-Butylbenzene

Concen: 58.120 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

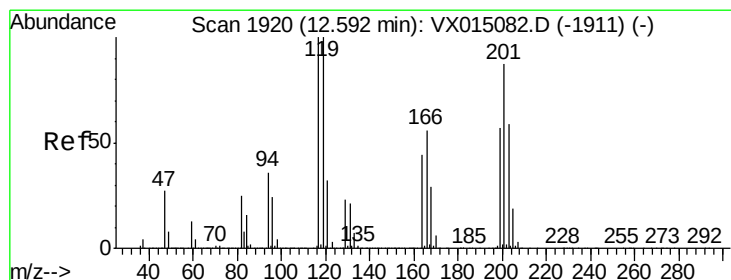
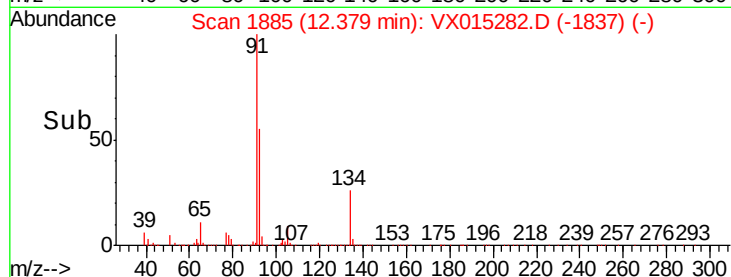
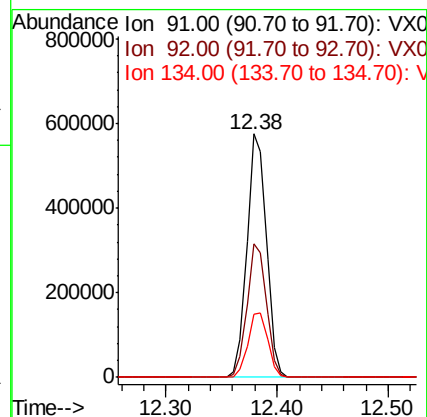
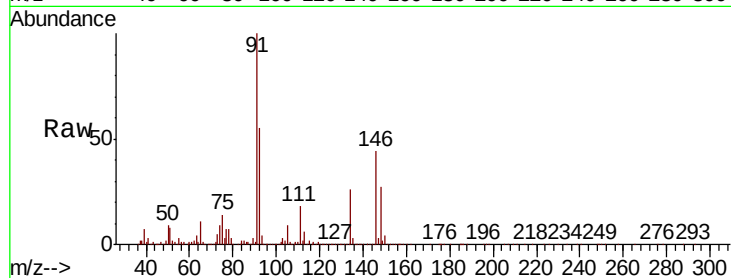
Tot Ion: 91 Resp: 695522

Ion Ratio Lower Upper

91 100

92 55.0 27.2 81.6

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 53.564 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX015282.D

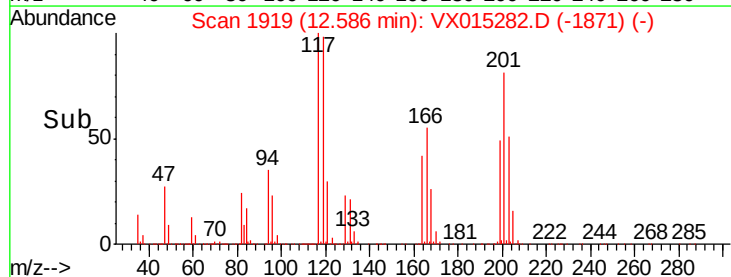
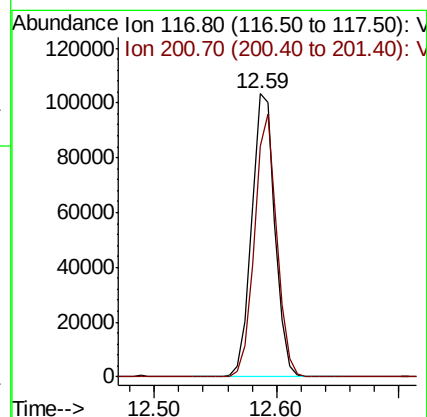
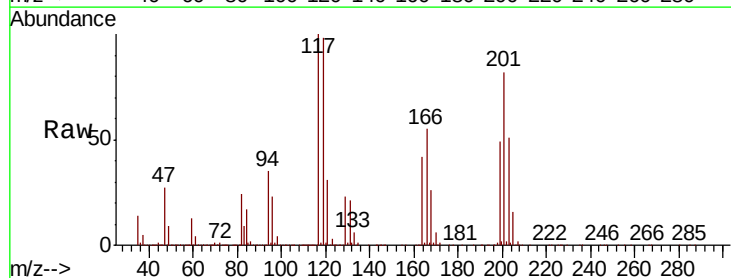
Acq: 16 Mar 2020 10:11

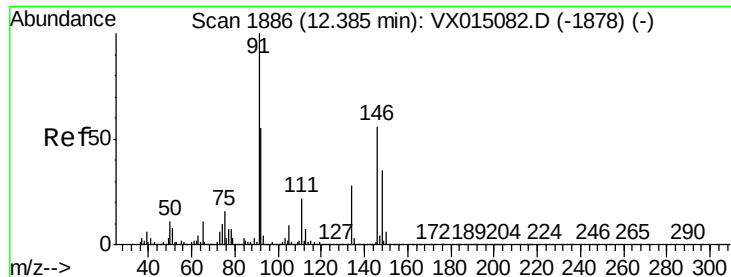
Tgt Ion: 117 Resp: 136252

Ion Ratio Lower Upper

117 100

201 89.4 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 54.016 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

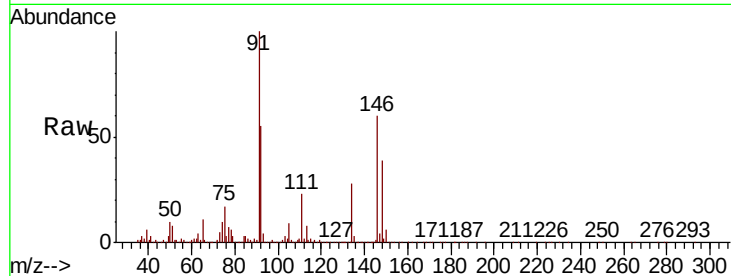
Tot Ion:146 Resp: 395430

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

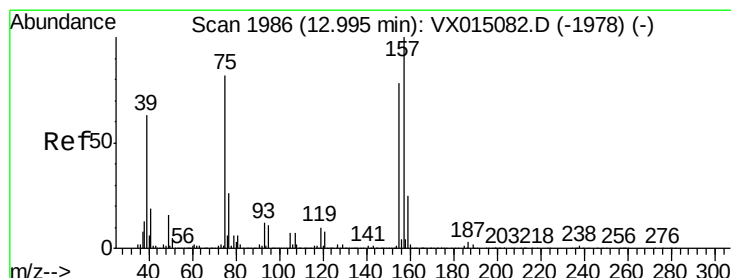
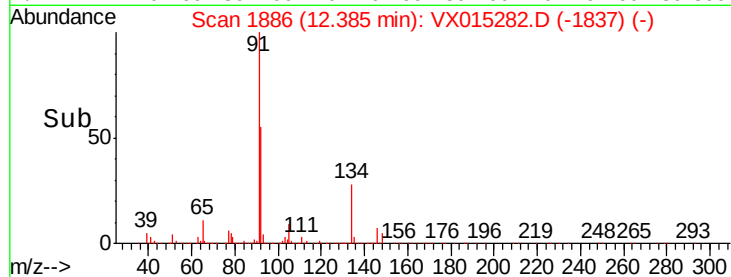
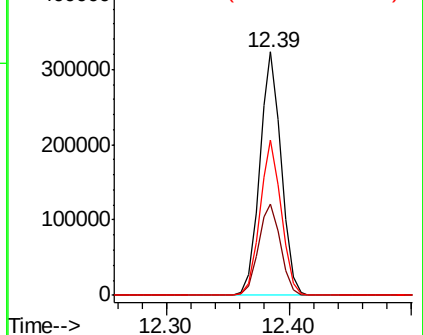
148 63.3 32.3 96.8



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: 52.599 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

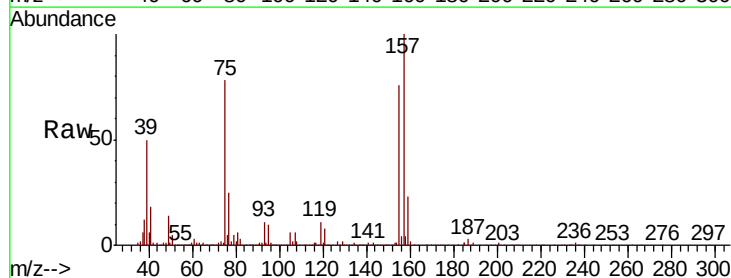
Tgt Ion: 75 Resp: 52756

Ion Ratio Lower Upper

75 100

155 96.9 46.6 139.7

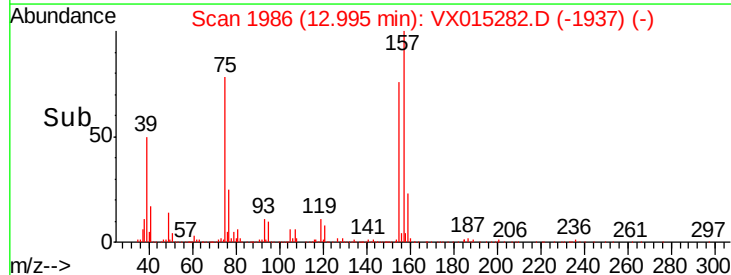
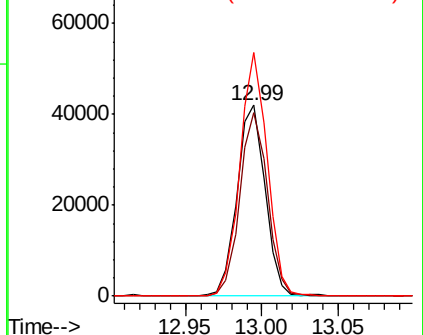
157 125.8 59.2 177.5

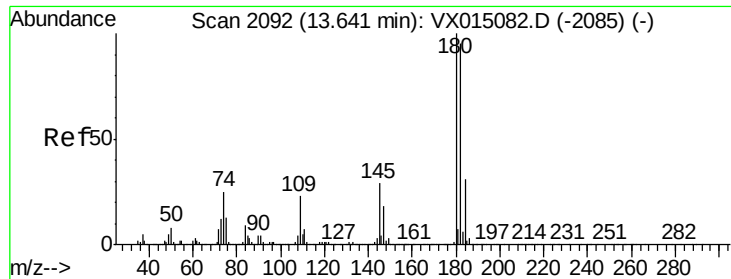


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

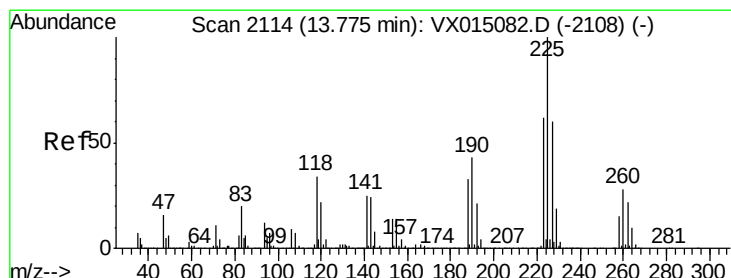
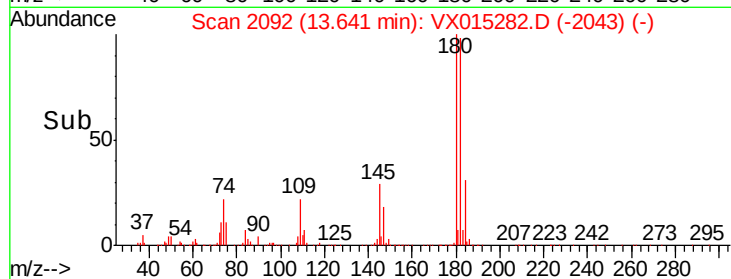
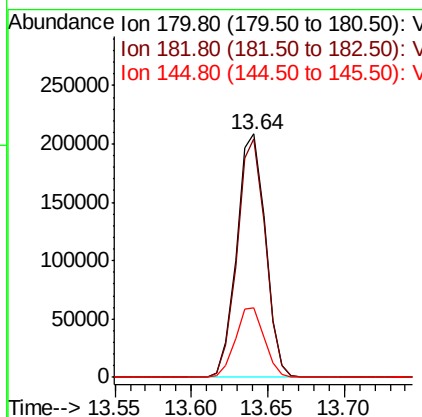
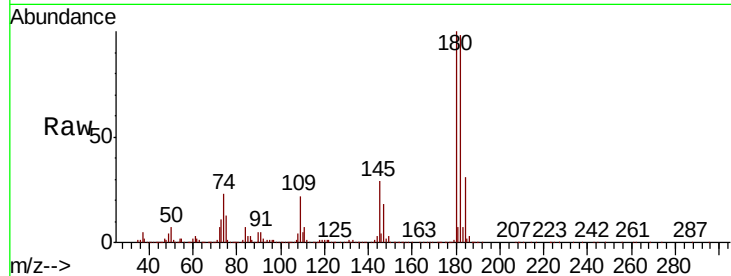




#93
 1,2,4-Trichlorobenzene
 Concen: 53.204 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

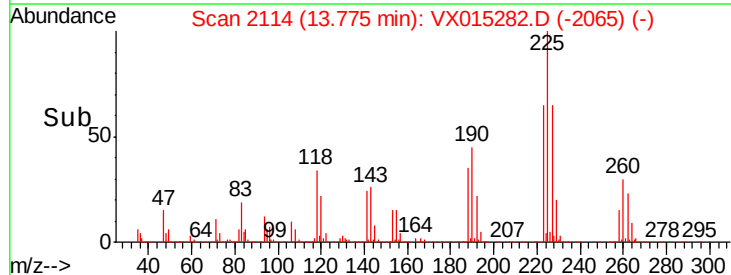
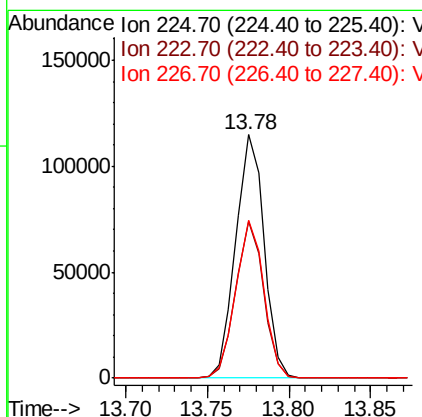
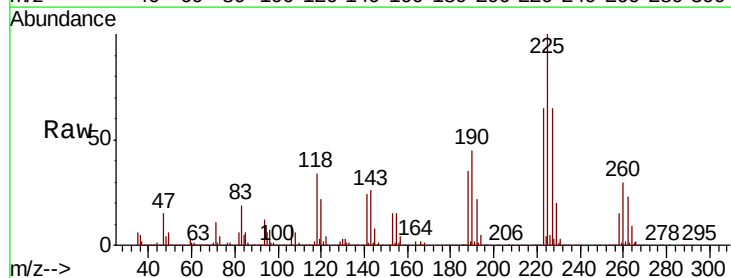
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

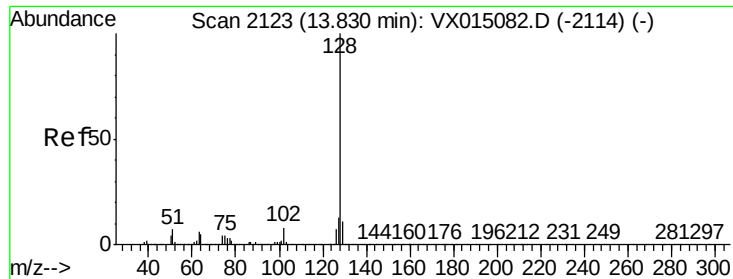
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.6	142.8
145	29.2	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 53.435 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.3	93.9
227	64.5	31.1	93.2





#95

Naphthalene

Concen: 49.144 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

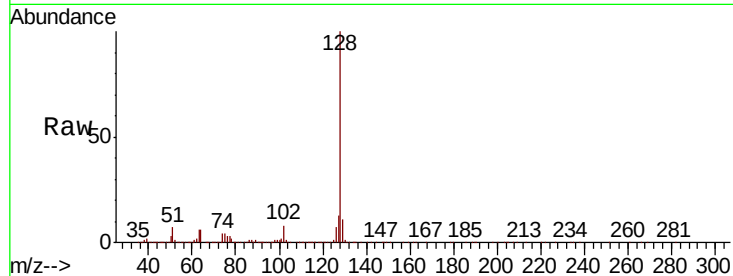
Tot Ion:128 Resp: 764939

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.6 13.0

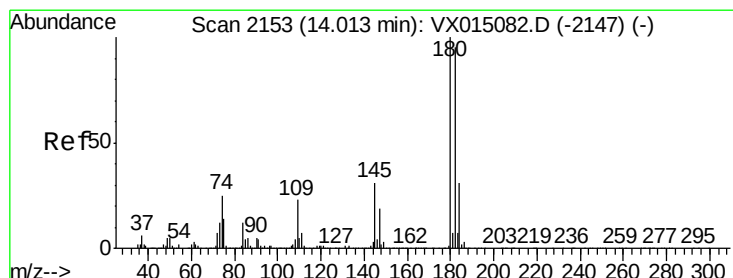
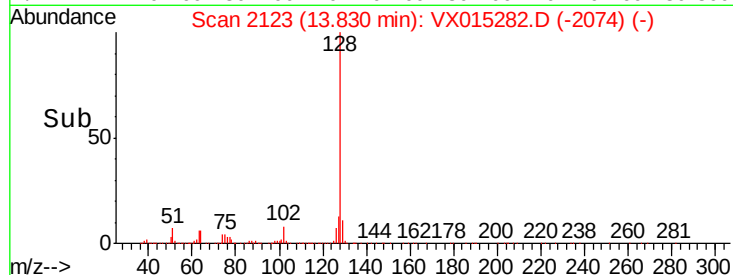
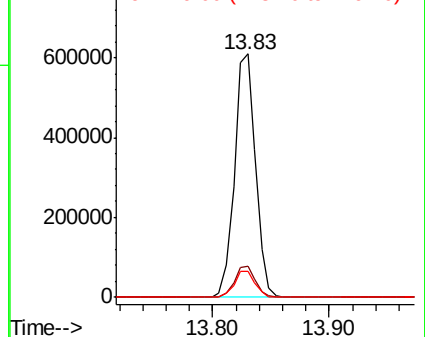


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.384 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

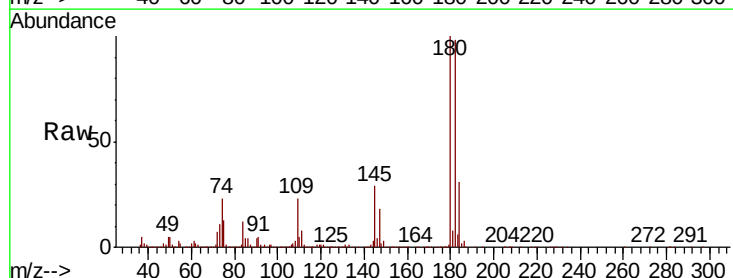
Tgt Ion:180 Resp: 280799

Ion Ratio Lower Upper

180 100

182 96.7 47.8 143.4

145 29.3 15.1 45.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

