

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031720\
 Data File : VX015309.D
 Acq On : 17 Mar 2020 08:44
 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 18 01:15:34 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	5.64	168	320459	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	468386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	434462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	238513	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	166795	43.87	ug/l	0.00
Spiked Amount			Recovery	=	87.74%	
35) Dibromofluoromethane	5.48	113	143309	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	8.71	98	552941	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	202400	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	122571	43.679	ug/l	100
3) Chloromethane	1.32	50	163636	41.166	ug/l	100
4) Vinyl Chloride	1.40	62	171780	42.618	ug/l	97
5) Bromomethane	1.63	94	100869	40.706	ug/l	99
6) Chloroethane	1.72	64	106475	44.037	ug/l	99
7) Trichlorofluoromethane	1.92	101	219647	45.798	ug/l	97
8) Diethyl Ether	2.18	74	96576	44.458	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	144647	47.937	ug/l	99
10) Methyl Iodide	2.50	142	149020	43.713	ug/l	99
11) Tert butyl alcohol	3.03	59	137321	208.183	ug/l	98
12) 1,1-Dichloroethene	2.36	96	137282	44.083	ug/l	99
13) Acrolein	2.28	56	140717	227.006	ug/l	99
14) Allyl chloride	2.72	41	266000	48.987	ug/l	94
15) Acrylonitrile	3.12	53	392741	239.081	ug/l	99
16) Acetone	2.43	43	440785	286.285	ug/l	95
17) Carbon Disulfide	2.56	76	359592	41.579	ug/l	100
18) Methyl Acetate	2.76	43	176849	46.975	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	459152	47.183	ug/l	96
20) Methylene Chloride	2.84	84	159823	44.355	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	149709	45.023	ug/l	96
22) Diisopropyl ether	3.84	45	542611	50.157	ug/l	97
23) Vinyl Acetate	3.80	43	2180084	245.153	ug/l	100
24) 1,1-Dichloroethane	3.69	63	285602	47.567	ug/l	98
25) 2-Butanone	4.65	43	590249	261.858	ug/l	98
26) 2,2-Dichloropropane	4.57	77	221333	46.435	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	173864	46.607	ug/l	99
28) Bromochloromethane	5.00	49	139941	51.184	ug/l	94
29) Tetrahydrofuran	5.11	42	341040	234.714	ug/l	95
30) Chloroform	5.20	83	272063	46.490	ug/l	100
31) Cyclohexane	5.56	56	252976	47.236	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	226199	46.629	ug/l	98
36) 1,1-Dichloropropene	5.79	75	206193	47.619	ug/l	99
37) Ethyl Acetate	4.81	43	207022	51.542	ug/l	99
38) Carbon Tetrachloride	5.77	117	195918	47.934	ug/l	97

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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)
39) Methylcyclohexane	7.45	83	257288	50.887	ug/l	97
40) Benzene	6.13	78	639809	49.804	ug/l	100
41) Methacrylonitrile	5.03	41	120565	49.974	ug/l	96
42) 1,2-Dichloroethane	6.18	62	210593	47.735	ug/l	100
43) Isopropyl Acetate	6.43	43	344523	48.758	ug/l	99
44) Trichloroethene	7.20	130	175093	48.940	ug/l	94
45) 1,2-Dichloropropane	7.50	63	175308	52.721	ug/l	100
46) Dibromomethane	7.65	93	104599	48.276	ug/l	99
47) Bromodichloromethane	7.89	83	217007	50.648	ug/l	98
48) Methyl methacrylate	7.76	41	175374	48.765	ug/l	98
49) 1,4-Dioxane	7.73	88	70860	911.313	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1058905	253.462	ug/l	99
52) Toluene	8.78	92	400801	51.026	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	237766	52.136	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	270114	52.392	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	163446	50.555	ug/l	98
56) Ethyl methacrylate	9.17	69	245146	53.160	ug/l	97
57) 1,3-Dichloropropane	9.36	76	276964	50.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	642001	255.549	ug/l	100
59) 2-Hexanone	9.48	43	847491	273.693	ug/l	99
60) Dibromochloromethane	9.57	129	173483	51.082	ug/l	100
61) 1,2-Dibromoethane	9.67	107	162941	47.983	ug/l	98
64) Tetrachloroethene	9.33	164	182881	50.911	ug/l	99
65) Chlorobenzene	10.13	112	434189	49.778	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	161843	49.207	ug/l	99
67) Ethyl Benzene	10.25	91	762976	51.512	ug/l	100
68) m/p-Xylenes	10.36	106	591305	104.929	ug/l	100
69) o-Xylene	10.69	106	280639	52.014	ug/l	99
70) Styrene	10.71	104	497063	53.730	ug/l	99
71) Bromoform	10.85	173	128106	50.228	ug/l #	99
73) Isopropylbenzene	11.01	105	763410	50.104	ug/l	99
74) N-amyl acetate	10.89	43	312150	48.613	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	231739	45.638	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	270657	56.889	ug/l	79
77) Bromobenzene	11.25	156	196533	46.285	ug/l	98
78) n-propylbenzene	11.35	91	899664	51.684	ug/l	99
79) 2-Chlorotoluene	11.42	91	516510	49.686	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	642960	50.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	78417	46.777	ug/l	99
82) 4-Chlorotoluene	11.50	91	607423	49.458	ug/l	100
83) tert-Butylbenzene	11.76	119	604289	49.273	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	652616	51.217	ug/l	100
85) sec-Butylbenzene	11.94	105	763189	51.549	ug/l	100
86) p-Isopropyltoluene	12.06	119	709029	51.981	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	363957	48.758	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	366092	47.504	ug/l	99
89) n-Butylbenzene	12.38	91	638619	52.641	ug/l	100
90) Hexachloroethane	12.59	117	123142	47.753	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	361307	48.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46365	45.599	ug/l	96

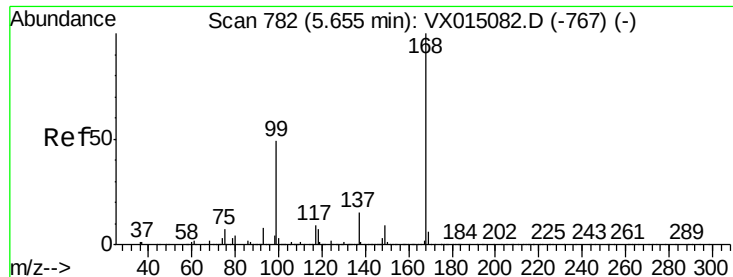
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	267702	51.966	ug/l	99
94) Hexachlorobutadiene	13.78	225	131529	49.757	ug/l	97
95) Naphthalene	13.83	128	720068	45.734	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	269124	52.361	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

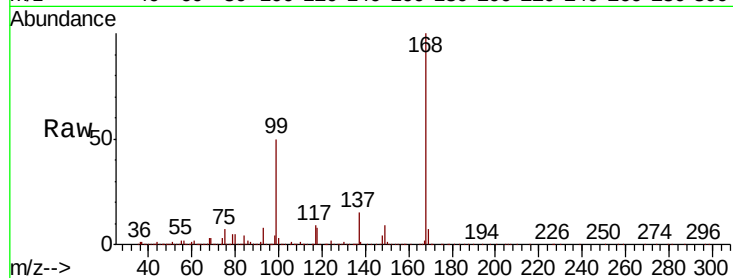
VSTDCCC050

Tot Ion:168 Resp: 320459

Ion Ratio Lower Upper

168 100

99 49.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

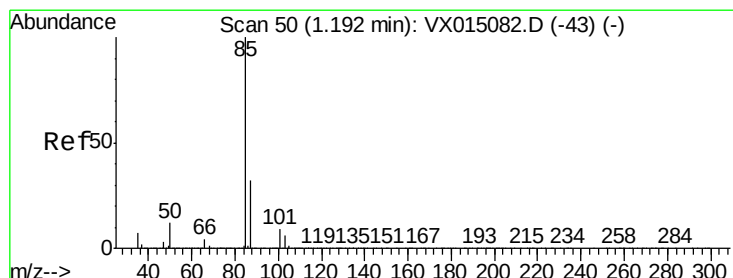
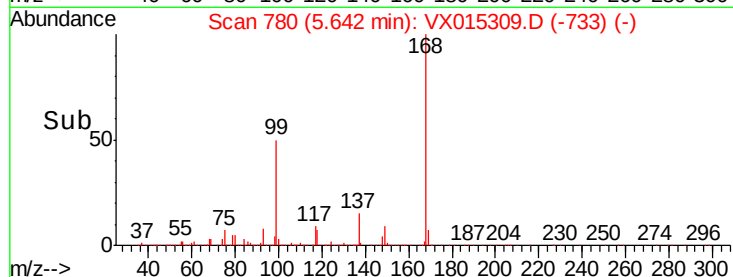
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.679 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015309.D

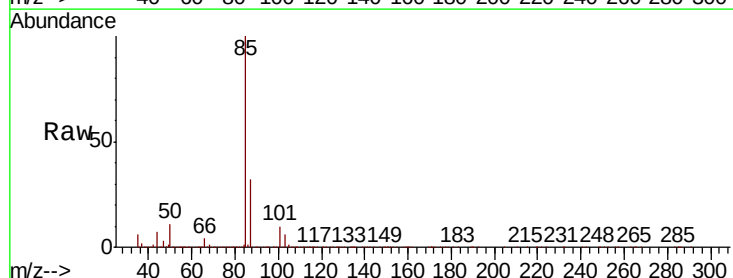
Acq: 17 Mar 2020 08:44

Tgt Ion: 85 Resp: 122571

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

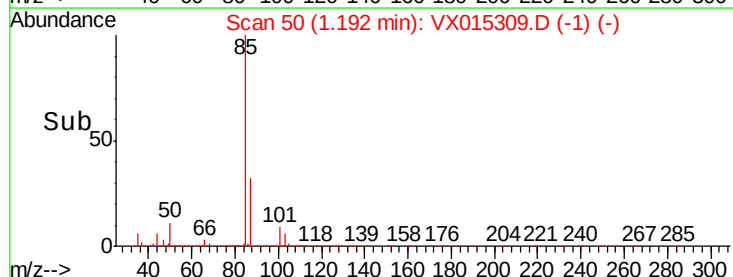
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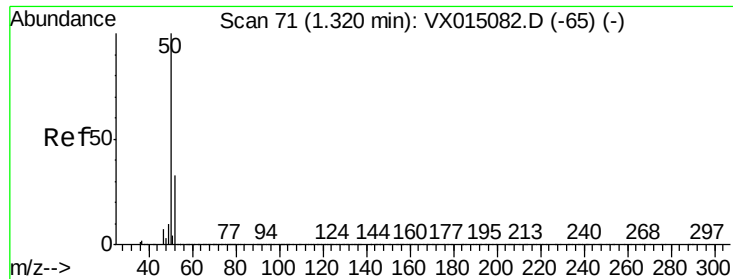
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50000

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Time-->





#3

Chloromethane

Concen: 41.166 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

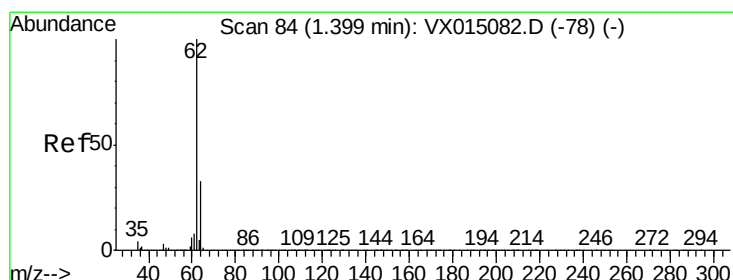
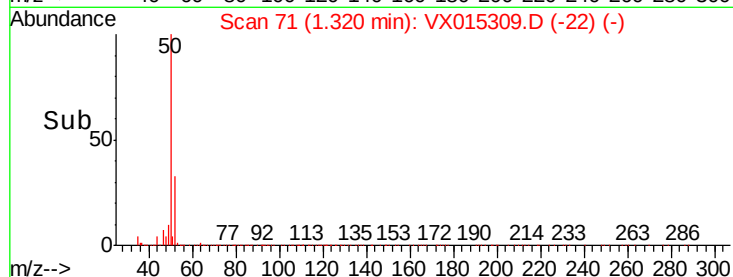
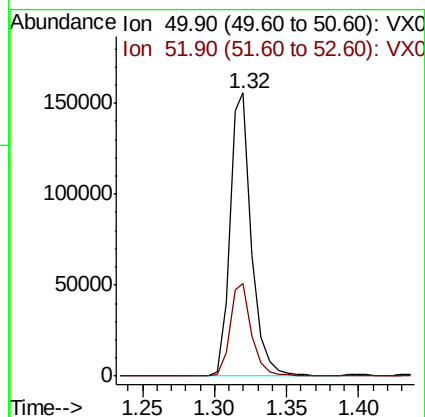
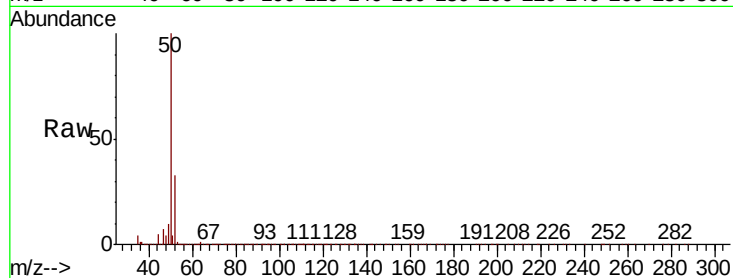
VSTDCCC050

Tot Ion: 50 Resp: 163636

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 42.618 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015309.D

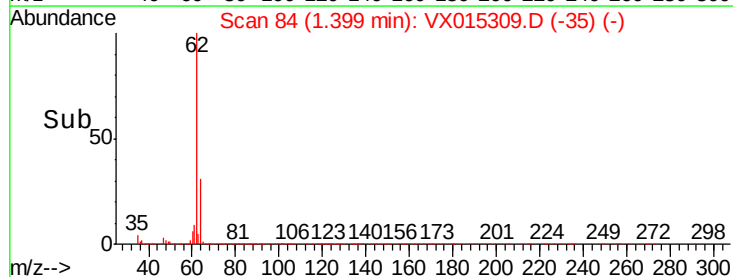
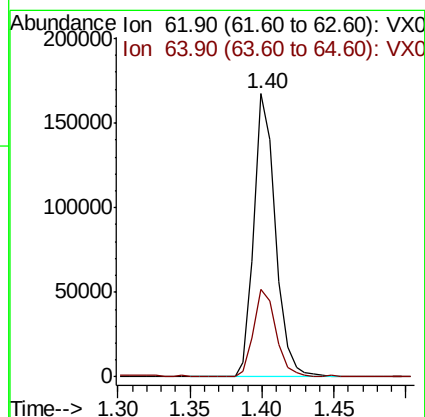
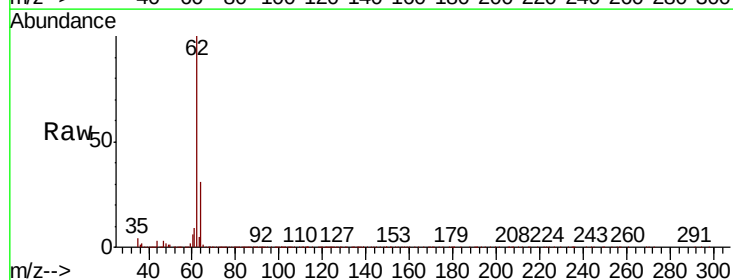
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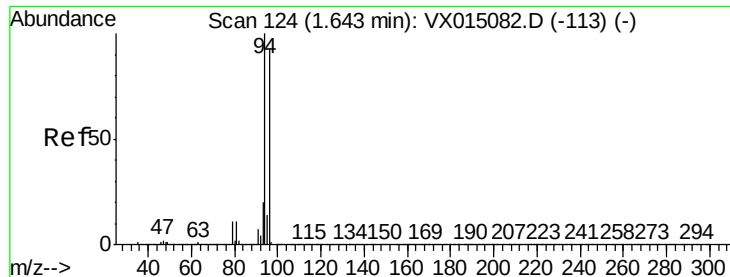
Tgt Ion: 62 Resp: 171780

Ion Ratio Lower Upper

62 100

64 30.9 26.1 39.1





#5

Bromomethane

Concen: 40.706 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

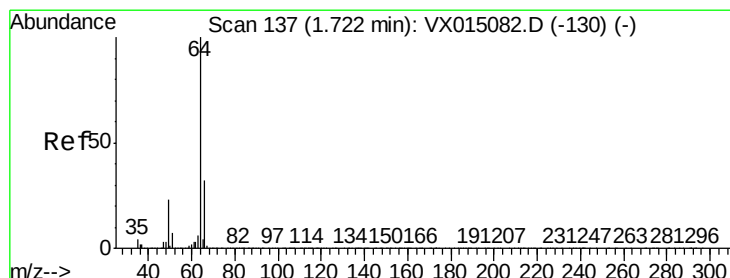
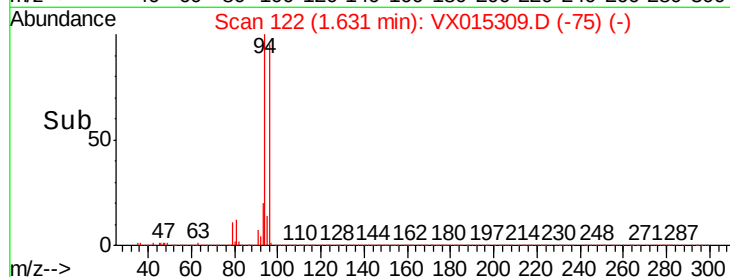
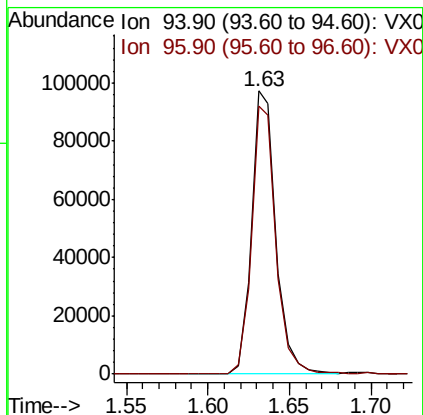
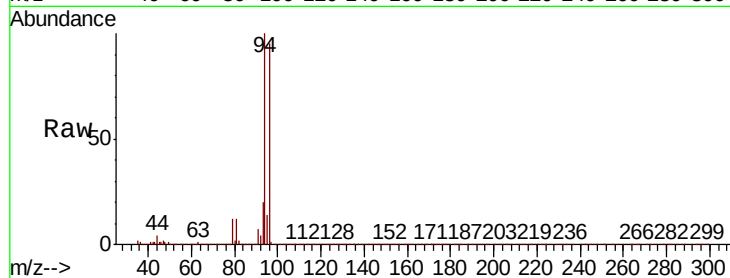
VSTDCCC050

Tot Ion: 94 Resp: 100869

Ion Ratio Lower Upper

94 100

96 94.6 74.6 111.8



#6

Chloroethane

Concen: 44.037 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015309.D

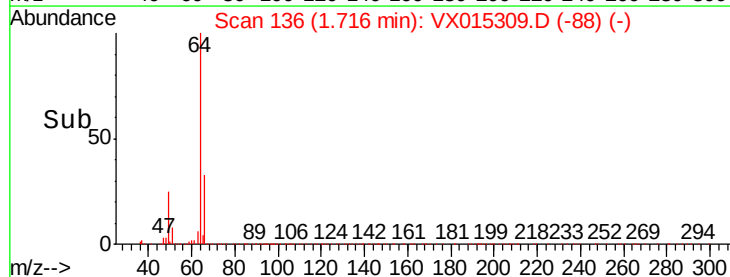
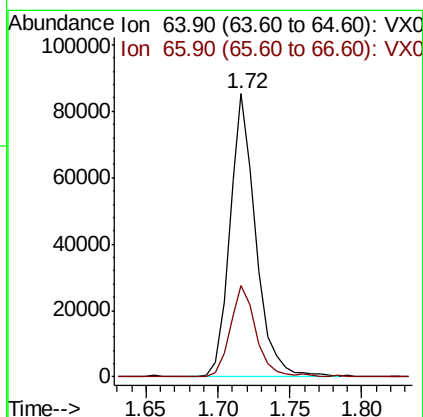
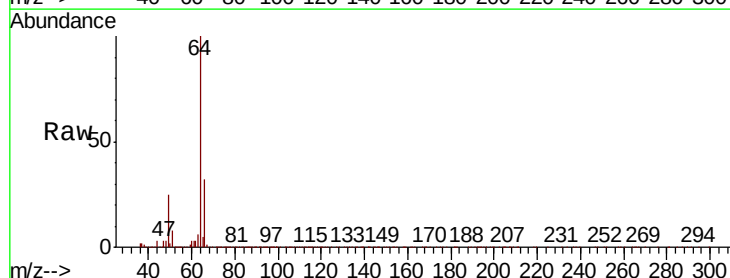
Acq: 17 Mar 2020 08:44

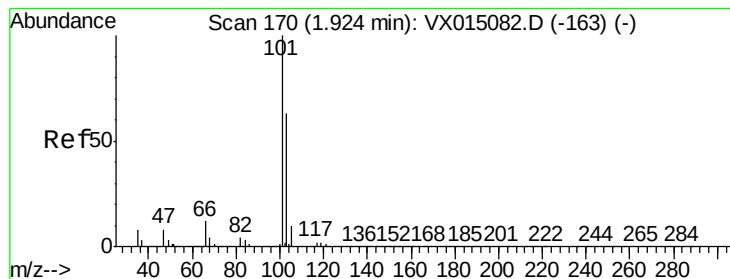
Tgt Ion: 64 Resp: 106475

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8



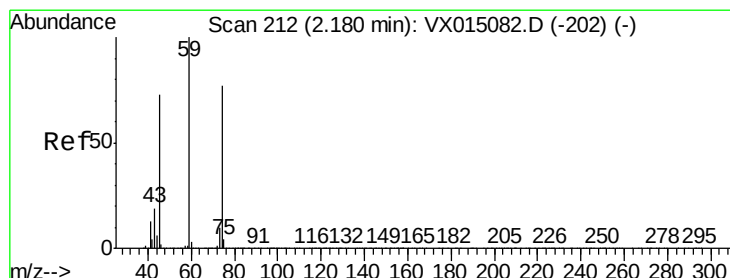
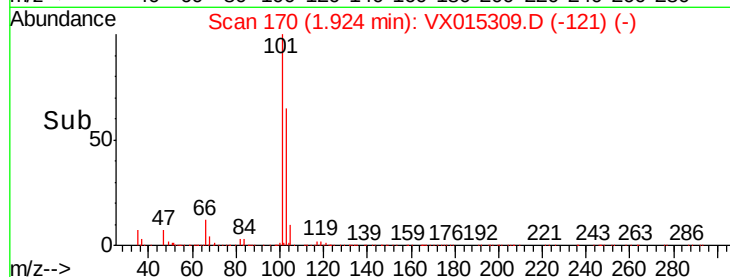
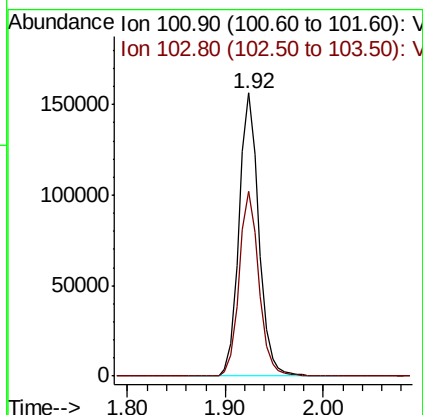
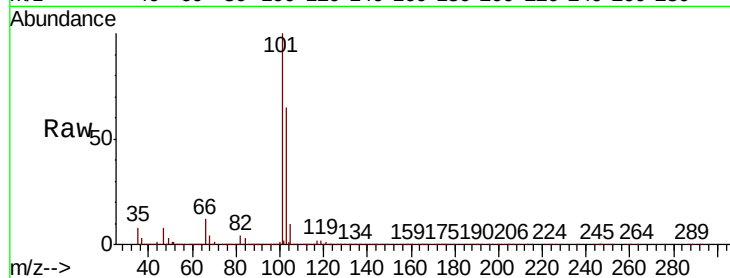


#7

Trichlorofluoromethane
Concen: 45.798 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
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VSTDCCC050

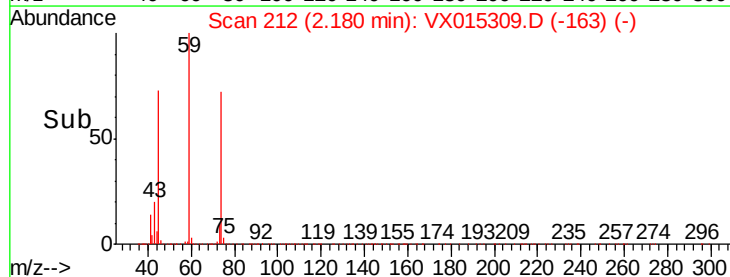
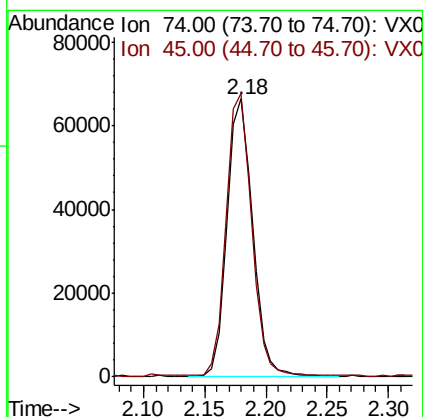
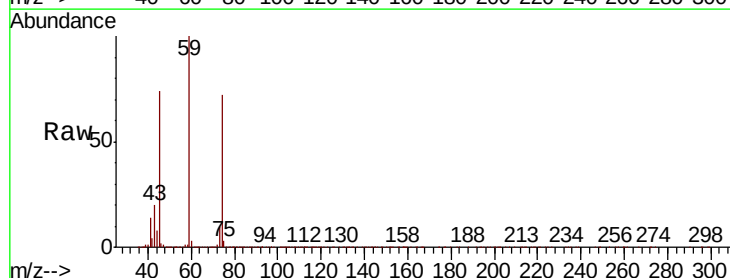
Tot Ion:101 Resp: 219647
Ion Ratio Lower Upper
101 100
103 65.1 50.4 75.6

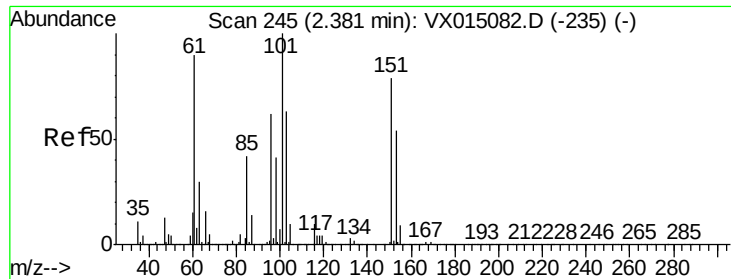


#8

Diethyl Ether
Concen: 44.458 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 74 Resp: 96576
Ion Ratio Lower Upper
74 100
45 100.1 49.2 147.6

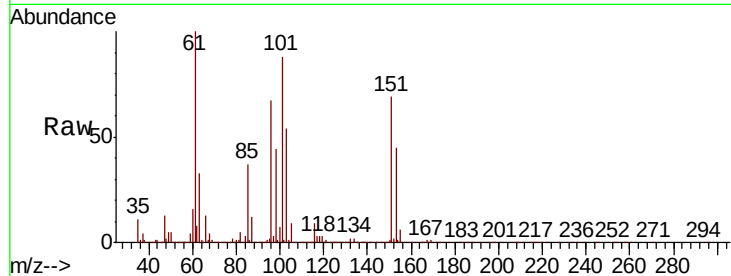




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.937 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.7	50.5
151	80.7	64.0	96.0

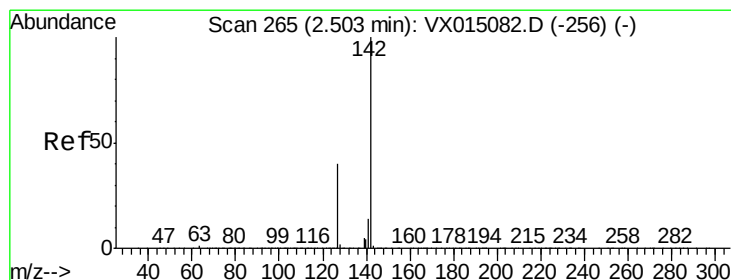
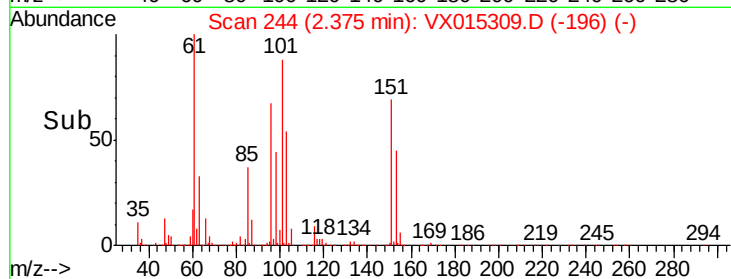
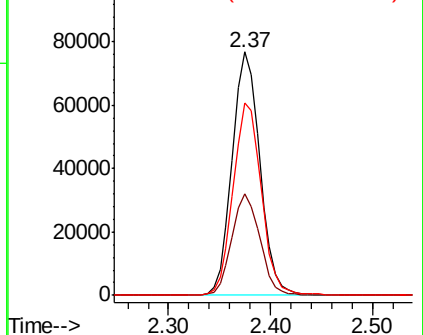


Abundance

Ion 100.90 (100.60 to 101.60): V

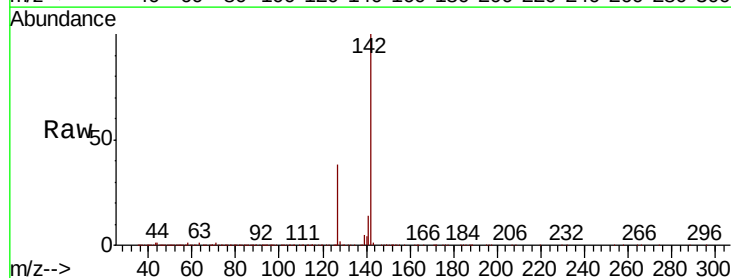
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
Methyl Iodide
Concen: 43.713 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX015309.D
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Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.6	31.7	47.5
141	14.1	11.3	16.9

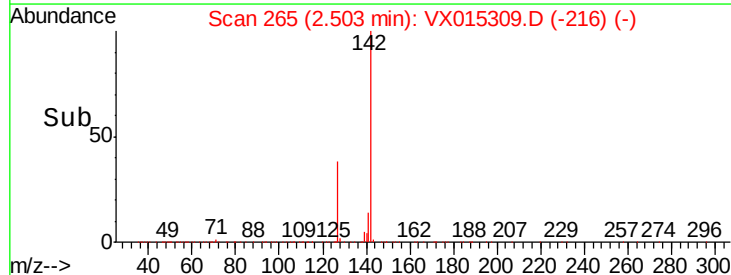
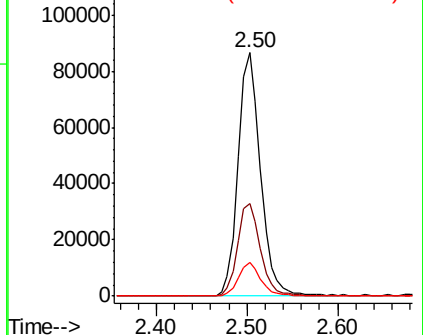


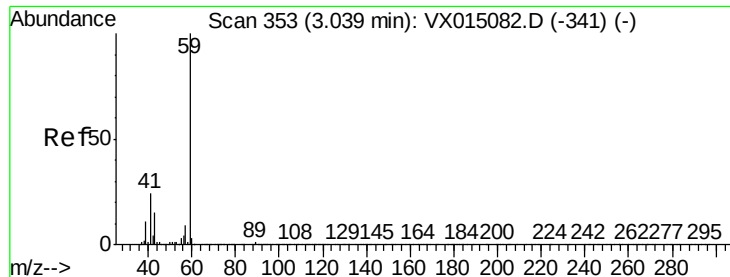
Abundance

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

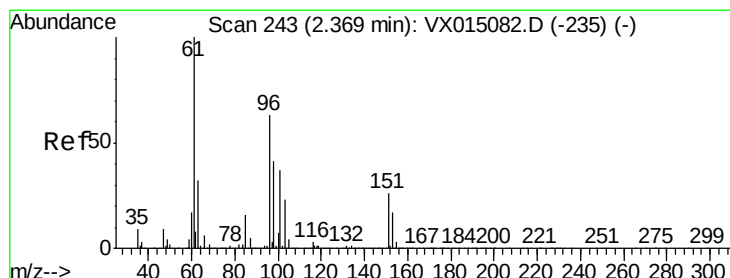
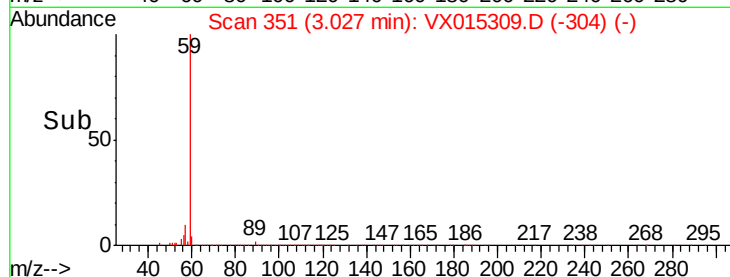
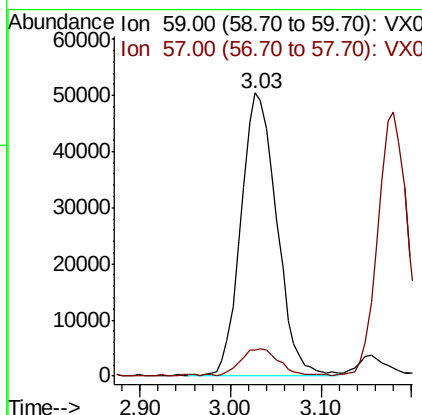
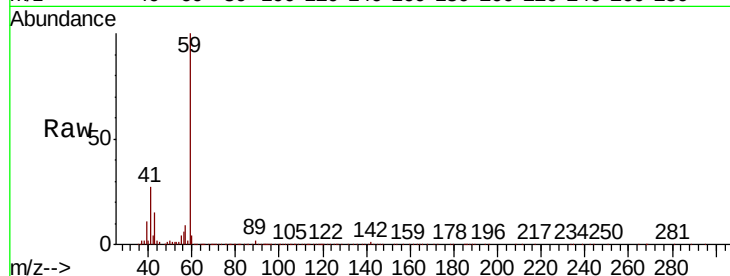




#11
Tert butyl alcohol
Concen: 208.183 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

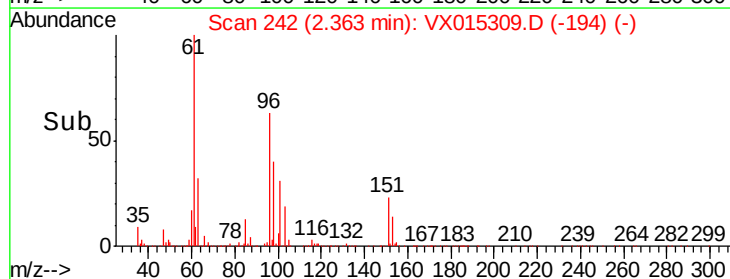
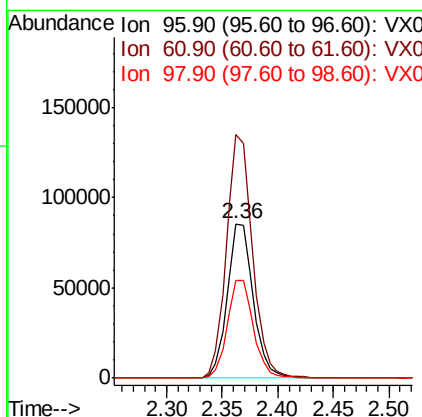
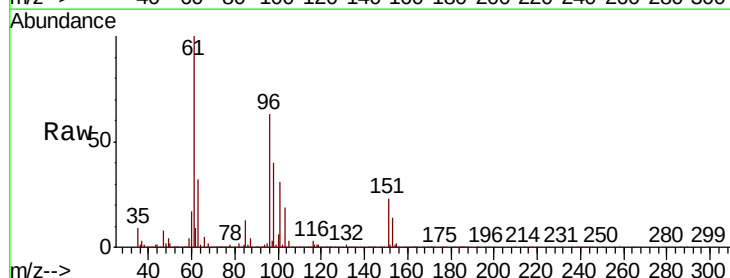
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

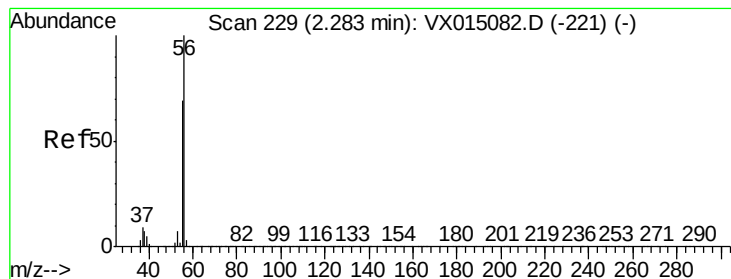
Tot Ion: 59 Resp: 137321
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.083 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 96 Resp: 137282
Ion Ratio Lower Upper
96 100
61 157.7 126.2 189.4
98 63.0 51.4 77.0





#13

Acrolein

Concen: 227.006 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

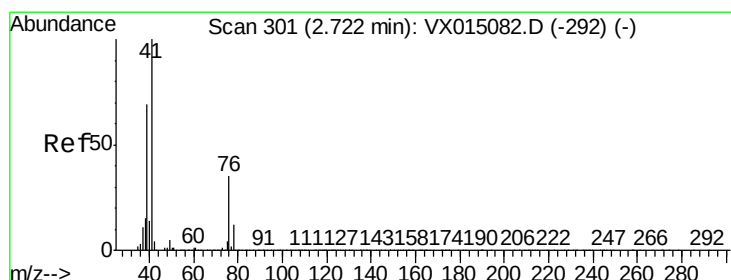
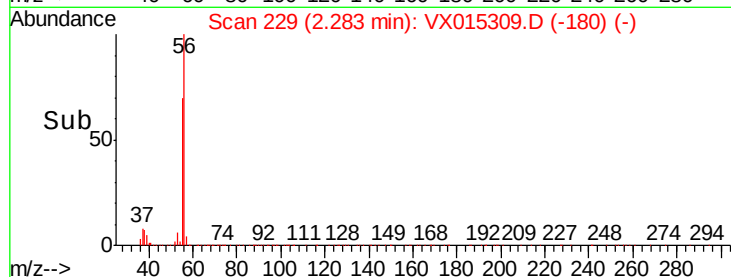
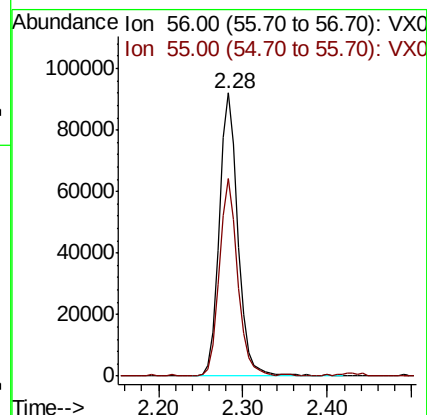
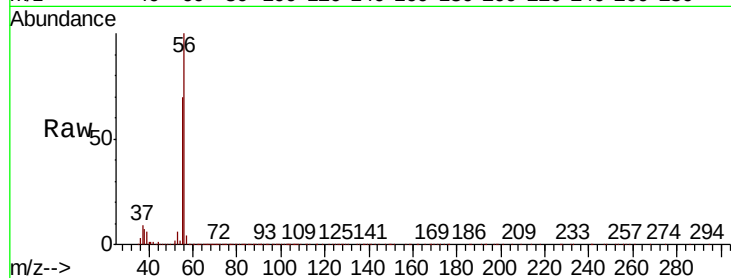
VSTDCCC050

Tot Ion: 56 Resp: 140717

Ion Ratio Lower Upper

56 100

55 68.0 55.4 83.0



#14

Allyl chloride

Concen: 48.987 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

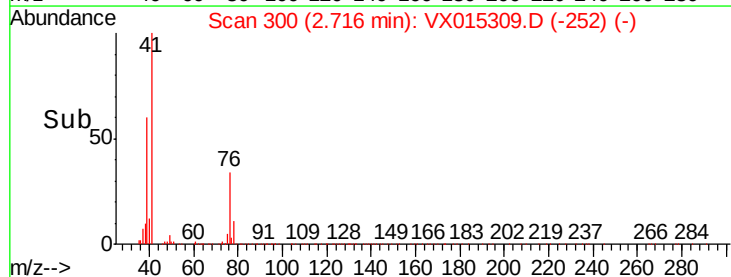
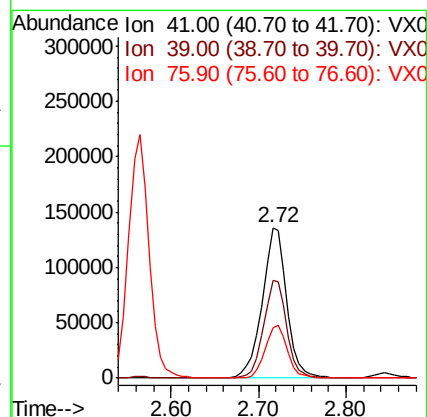
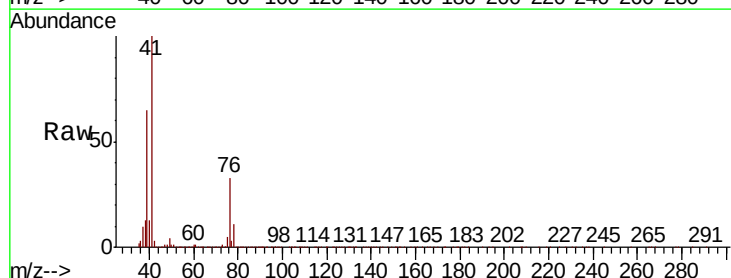
Tgt Ion: 41 Resp: 266000

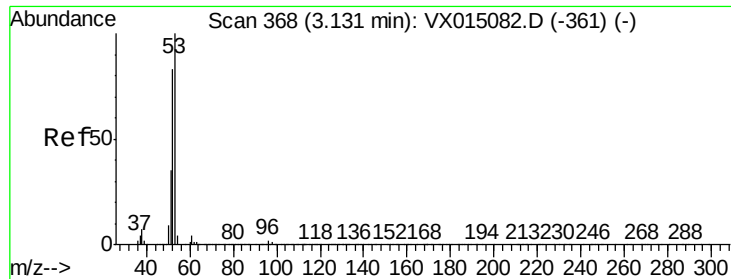
Ion Ratio Lower Upper

41 100

39 60.4 52.9 79.3

76 31.6 26.8 40.2

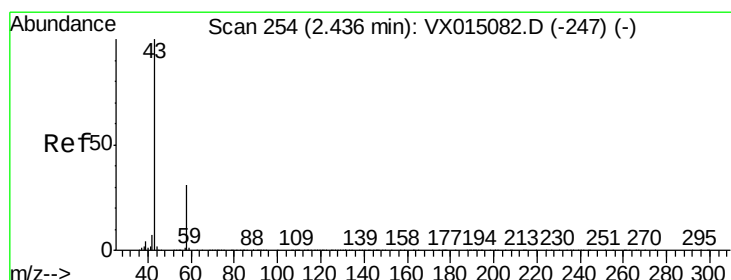
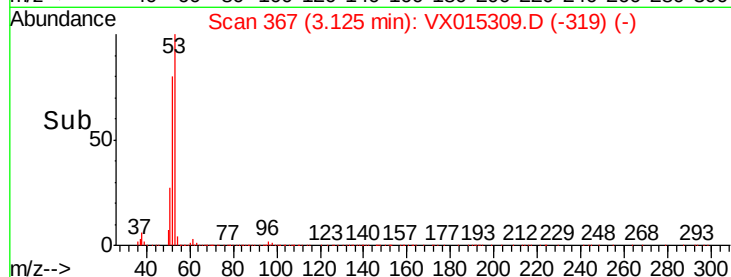
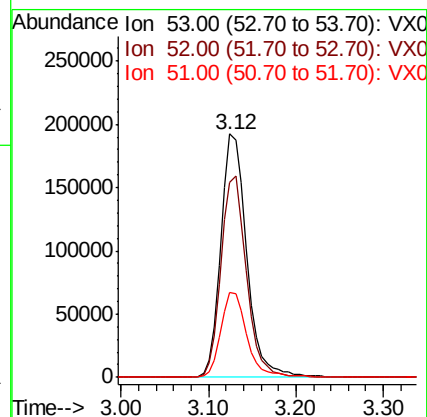
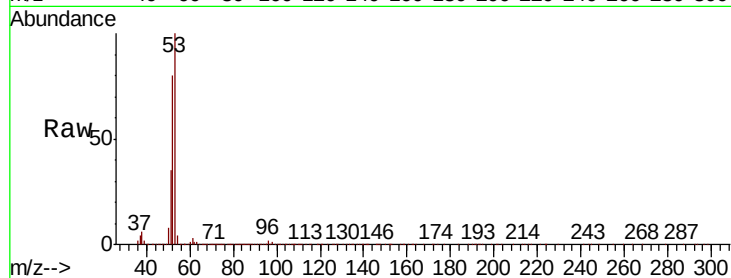




#15
 Acrylonitrile
 Concen: 239.081 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

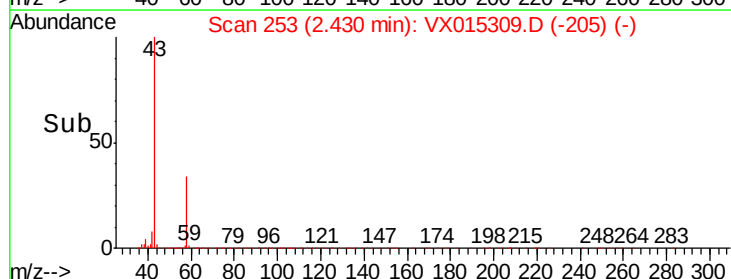
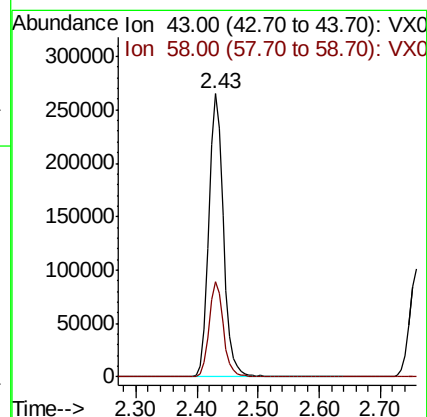
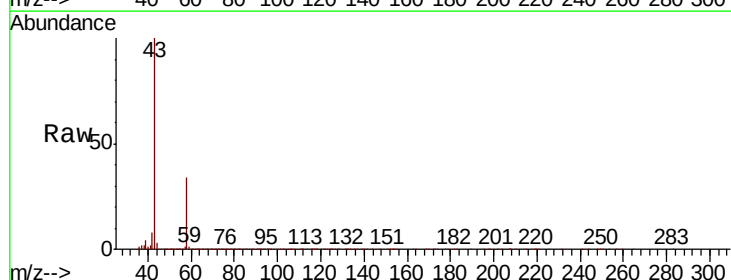
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

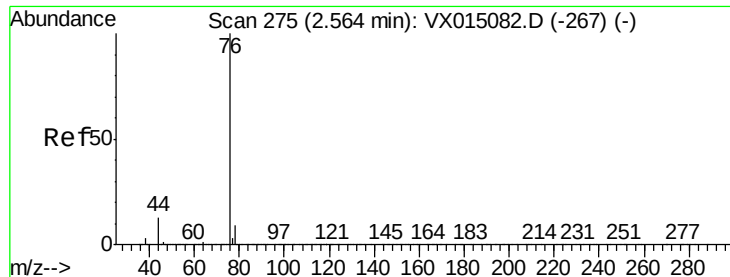
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.6	100.0
51	35.3	29.0	43.6



#16
 Acetone
 Concen: 286.285 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.8	24.8	37.2





#17

Carbon Disulfide

Concen: 41.579 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

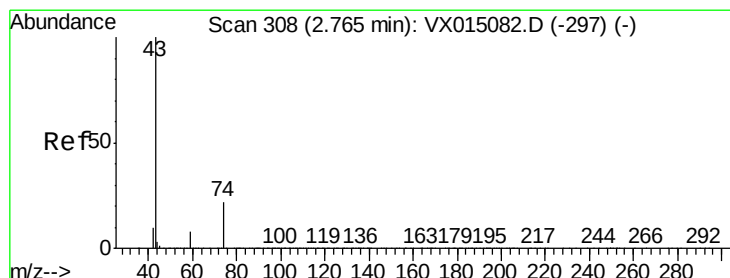
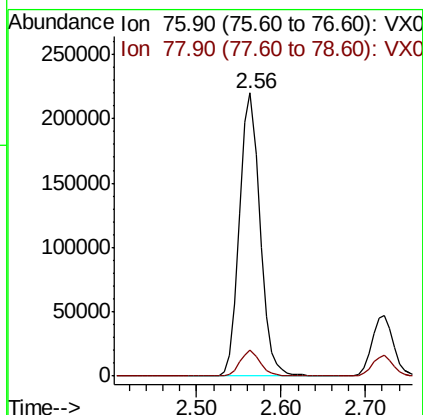
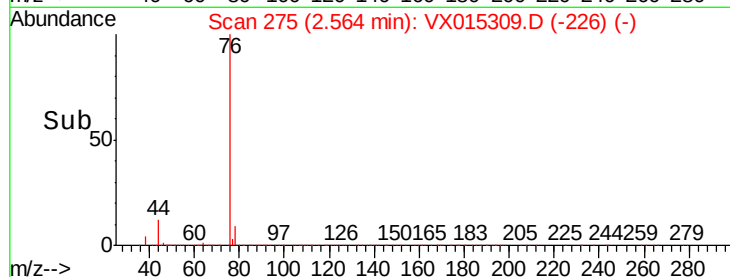
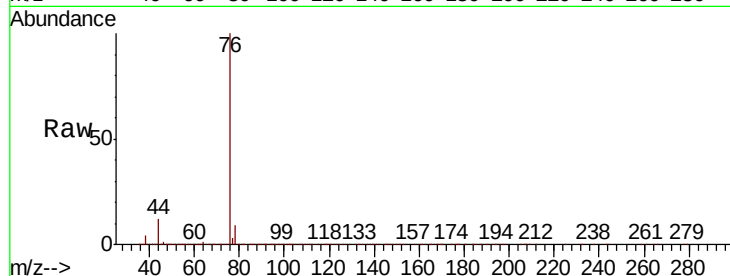
VSTDCCC050

Tot Ion: 76 Resp: 359592

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 46.975 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015309.D

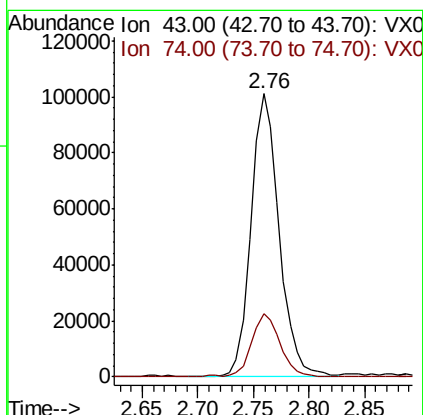
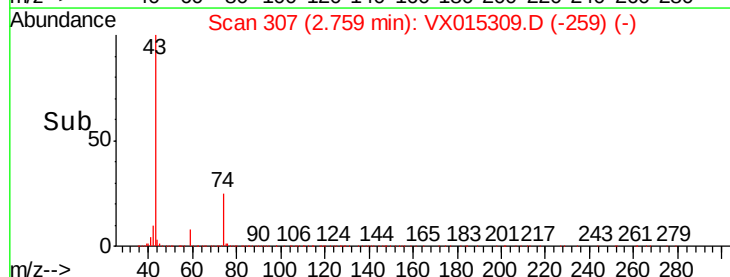
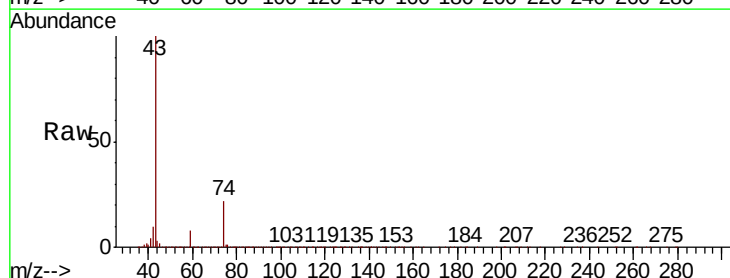
Acq: 17 Mar 2020 08:44

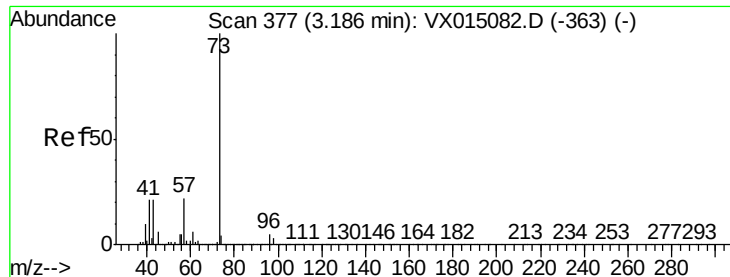
Tgt Ion: 43 Resp: 176849

Ion Ratio Lower Upper

43 100

74 23.1 18.8 28.2



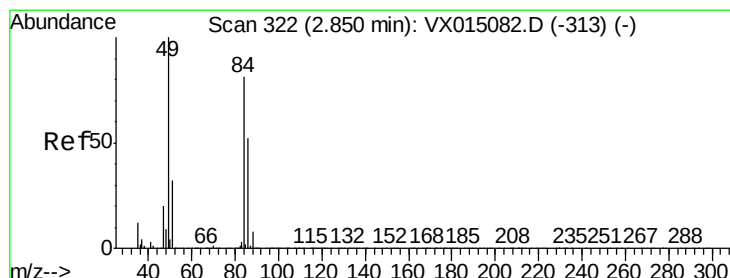
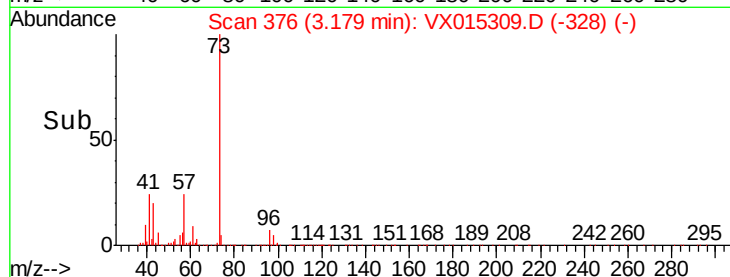
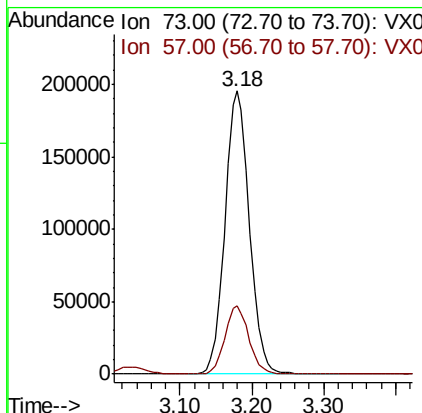
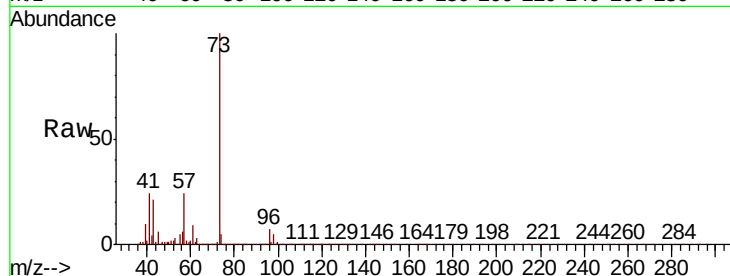


#19

Methyl tert-butyl Ether
 Concen: 47.183 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

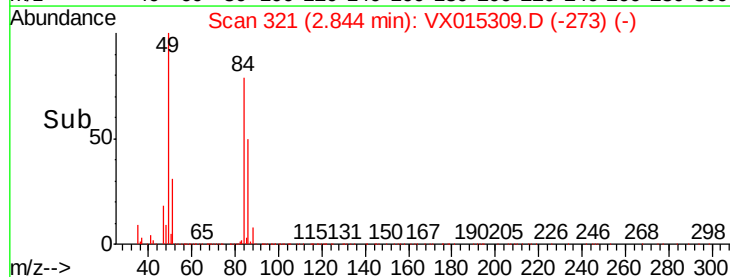
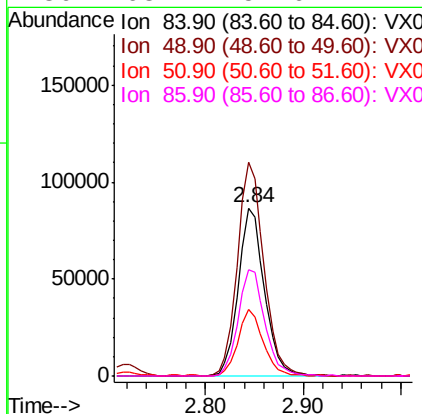
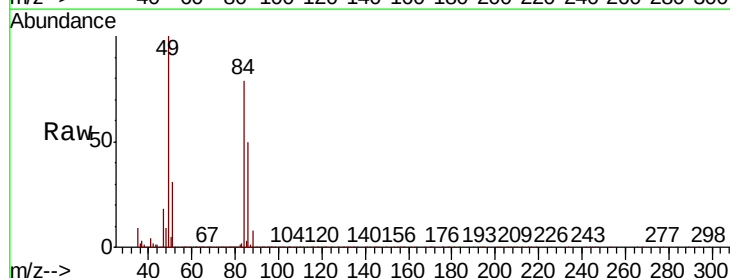
Tot Ion: 73 Resp: 459152
 Ion Ratio Lower Upper
 73 100
 57 24.1 17.8 26.6

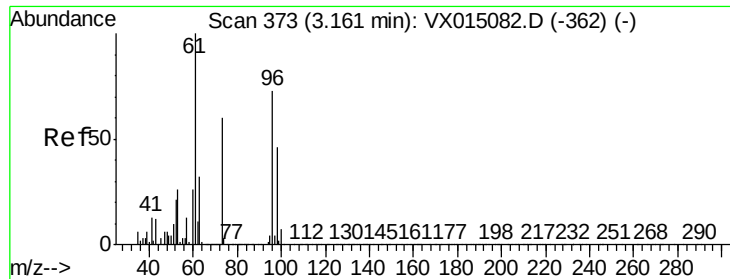


#20

Methylene Chloride
 Concen: 44.355 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion: 84 Resp: 159823
 Ion Ratio Lower Upper
 84 100
 49 126.9 99.4 149.2
 51 39.0 31.5 47.3
 86 63.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.023 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

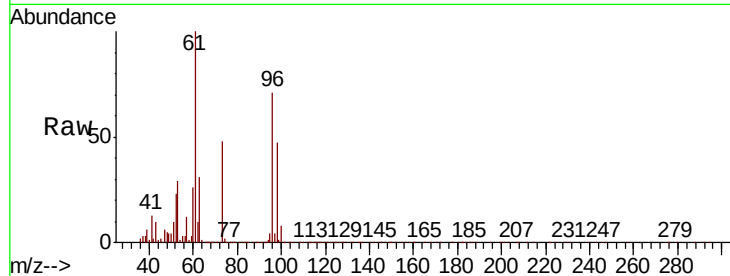
Tot Ion: 96 Resp: 149709

Ion Ratio Lower Upper

96 100

61 141.6 109.9 164.9

98 66.5 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

150000

100000

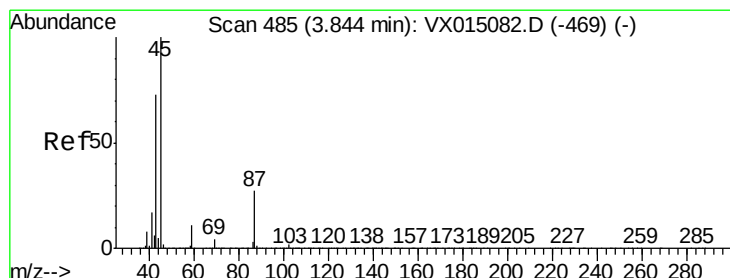
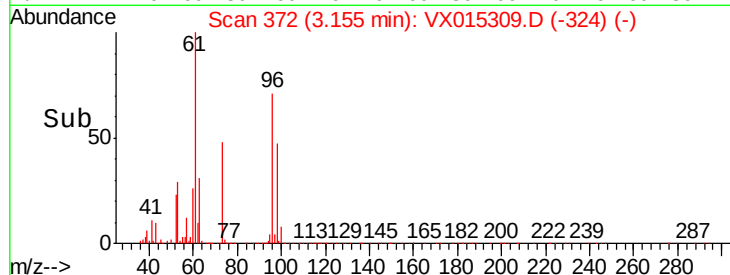
50000

0

3.16

3.10 3.20

Time-->



#22

Diisopropyl ether

Concen: 50.157 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion: 45 Resp: 542611

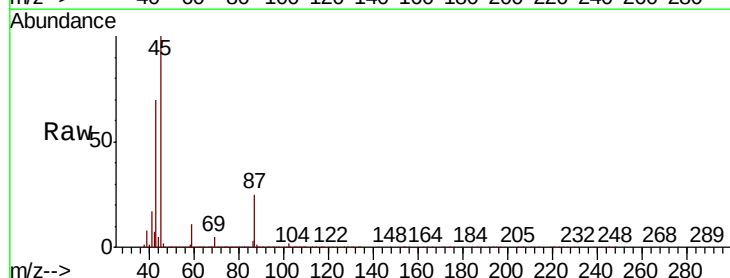
Ion Ratio Lower Upper

45 100

43 69.9 58.2 87.2

87 25.3 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

1200000

1000000

800000

600000

400000

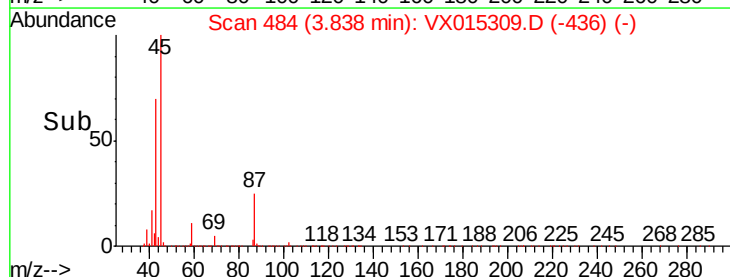
200000

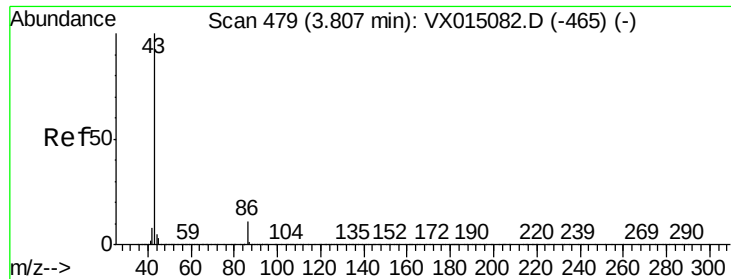
0

3.84

3.70 3.80 3.90 4.00

Time-->





#23

Vinyl Acetate

Concen: 245.153 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

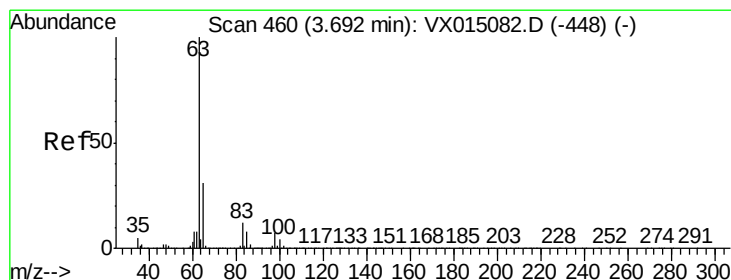
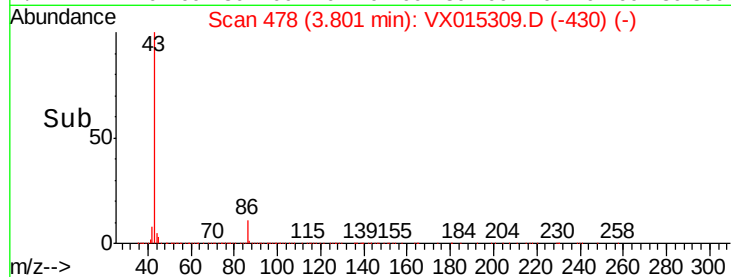
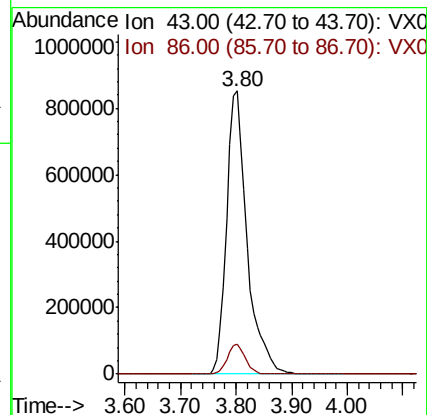
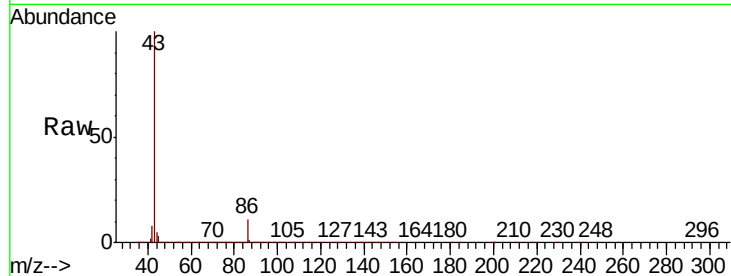
VSTDCCC050

Tot Ion: 43 Resp: 2180084

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



#24

1,1-Dichloroethane

Concen: 47.567 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

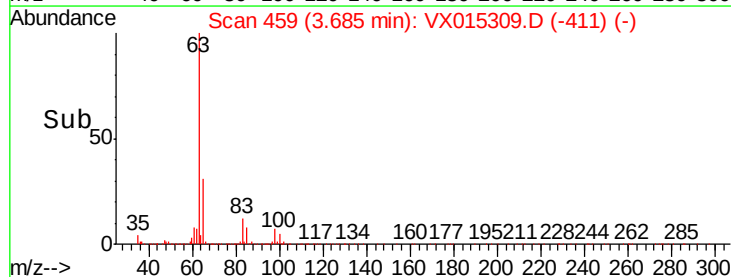
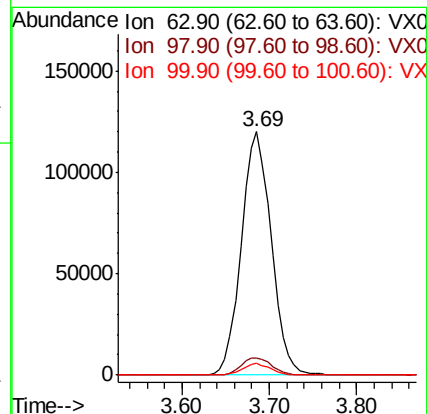
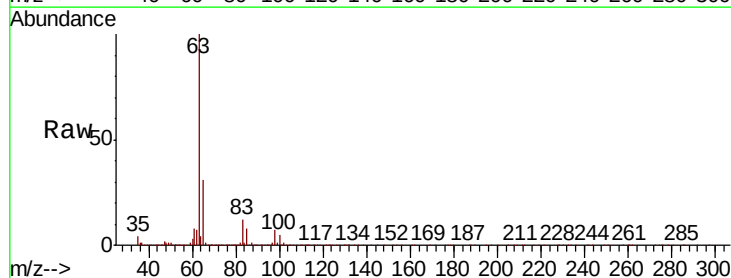
Tgt Ion: 63 Resp: 285602

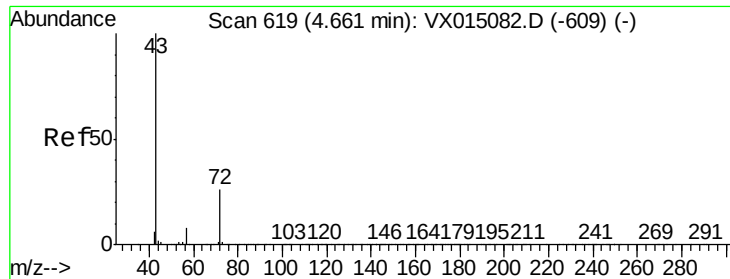
Ion Ratio Lower Upper

63 100

98 6.7 3.7 11.1

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 261.858 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

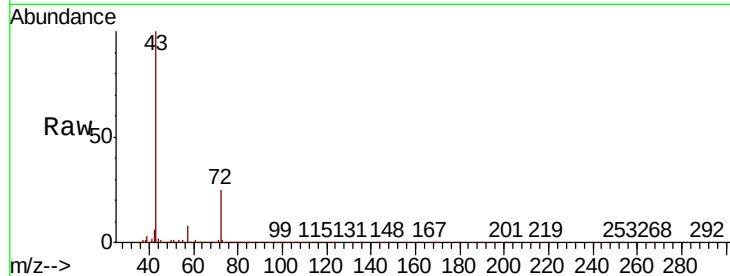
VSTDCCC050

Tot Ion: 43 Resp: 590249

Ion Ratio Lower Upper

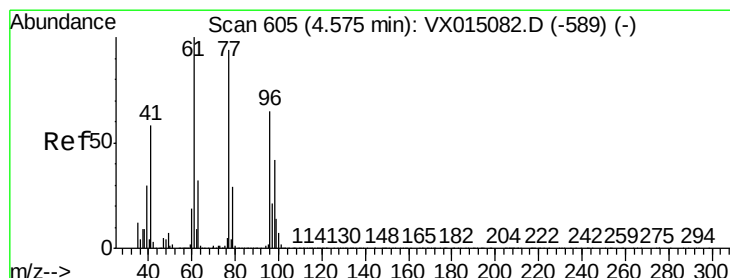
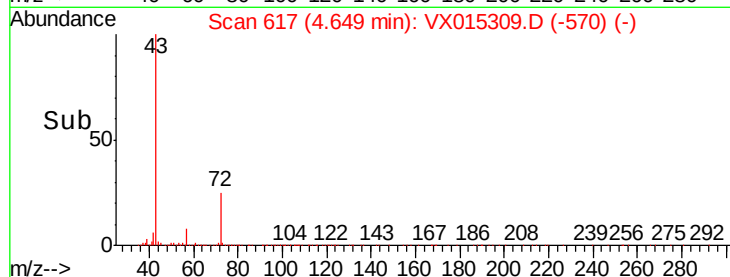
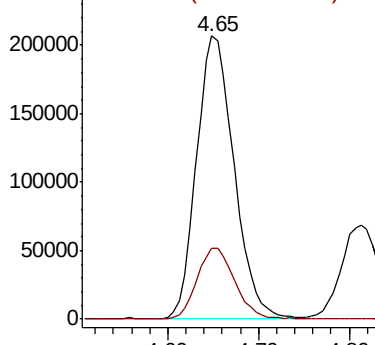
43 100

72 24.8 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.435 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015309.D

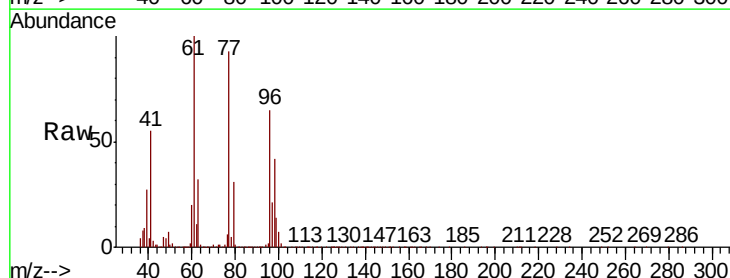
Acq: 17 Mar 2020 08:44

Tgt Ion: 77 Resp: 221333

Ion Ratio Lower Upper

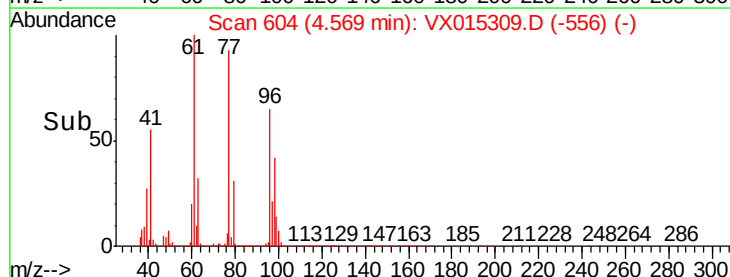
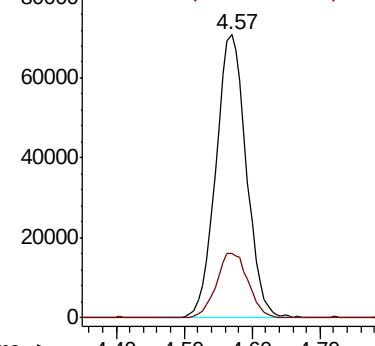
77 100

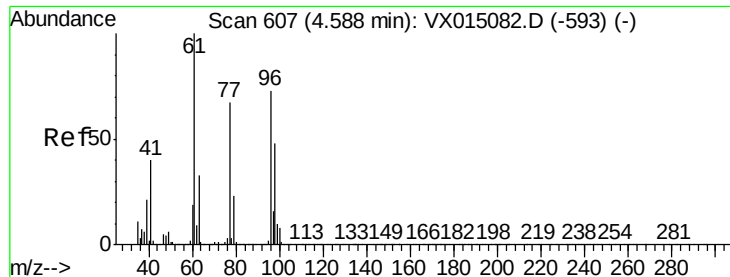
97 23.7 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



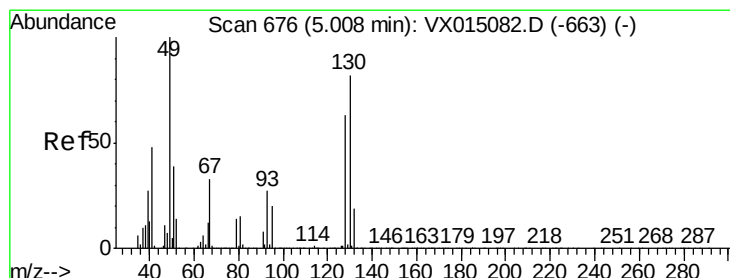
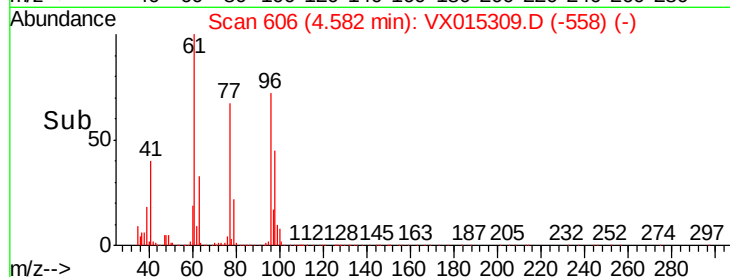
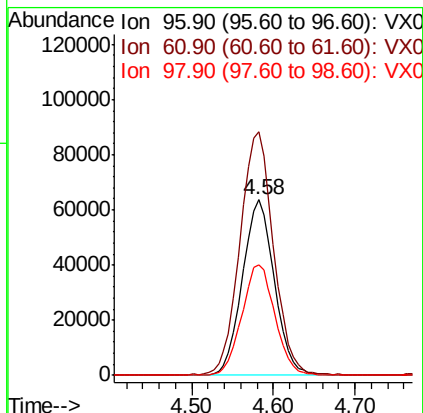
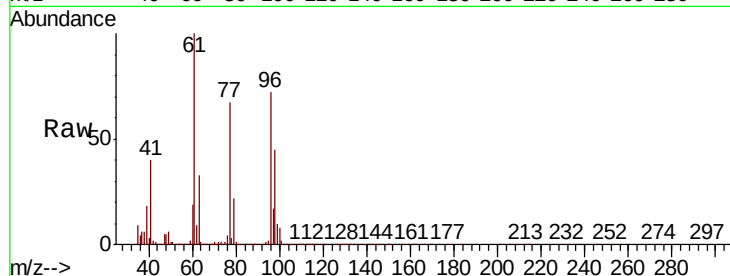


#27

cis-1,2-Dichloroethene
 Concen: 46.607 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

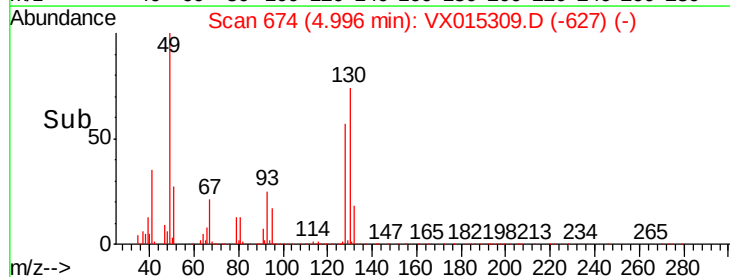
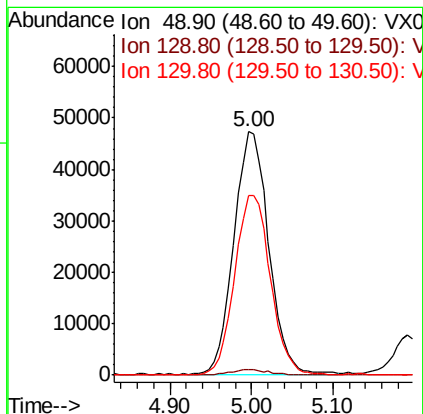
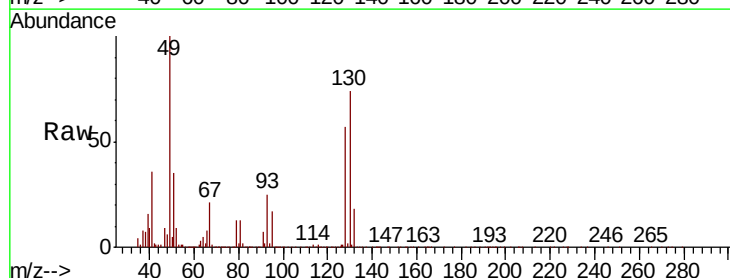
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	286.8
98	65.3	0.0	128.4

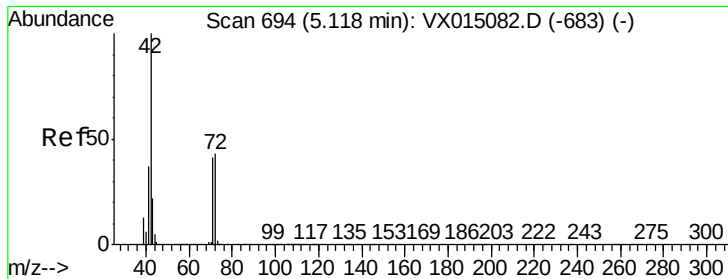


#28

Bromochloromethane
 Concen: 51.184 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	76.0	65.0	97.6

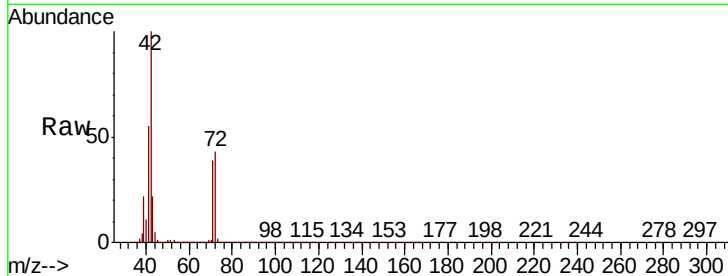




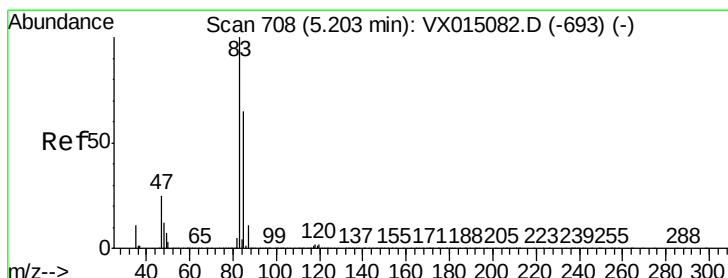
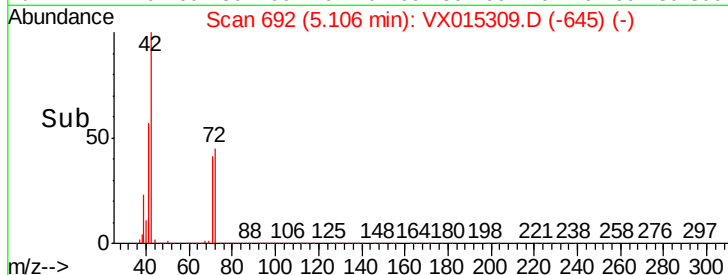
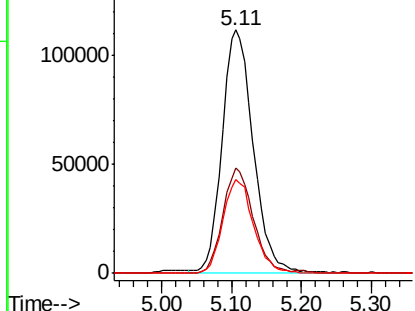
#29
Tetrahydrofuran
Concen: 234.714 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 341040
Ion Ratio Lower Upper
42 100
72 42.1 36.4 54.6
71 38.4 33.3 49.9

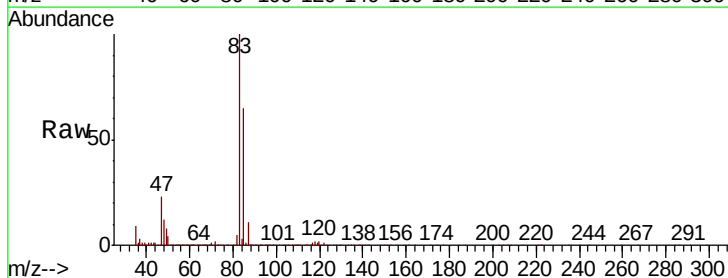


Abundance Ion 42.00 (41.70 to 42.70): VX0
150000 Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

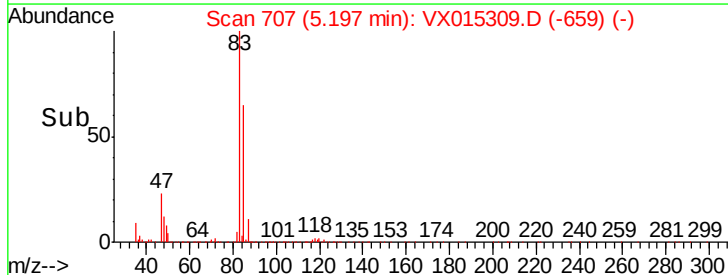
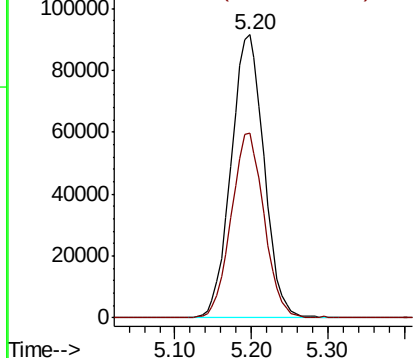


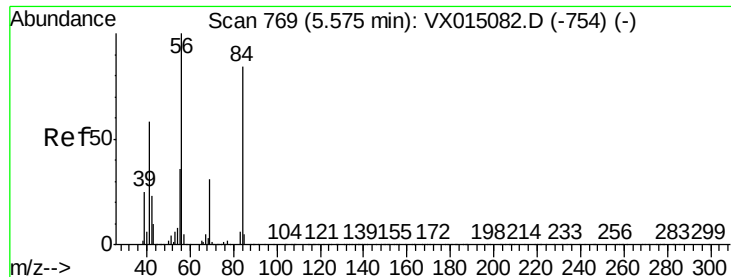
#30
Chloroform
Concen: 46.490 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 83 Resp: 272063
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
100000 Ion 84.90 (84.60 to 85.60): VX0

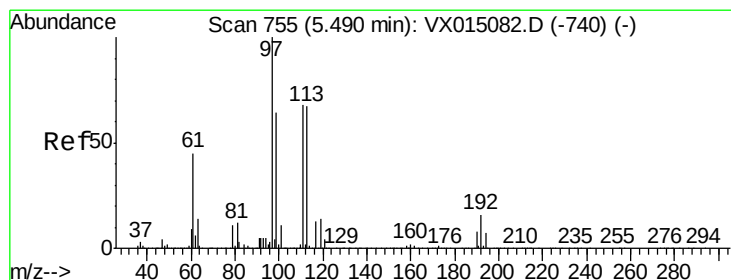
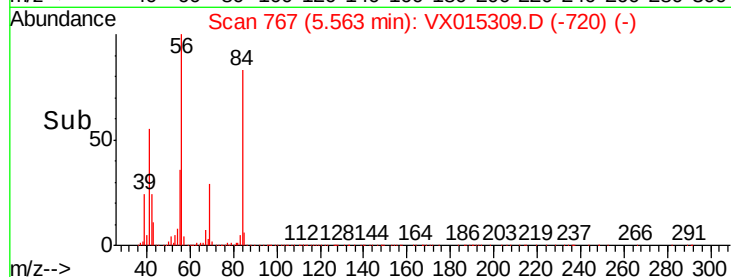
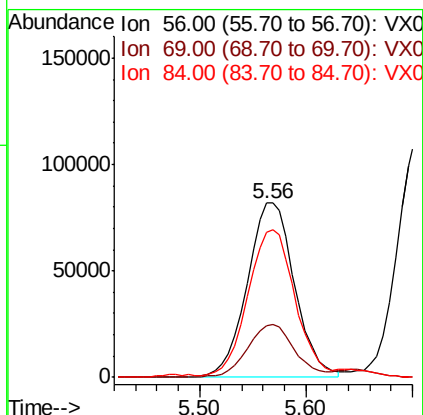
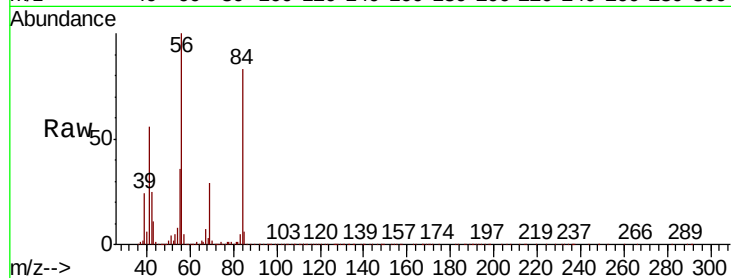




#31
Cyclohexane
Concen: 47.236 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

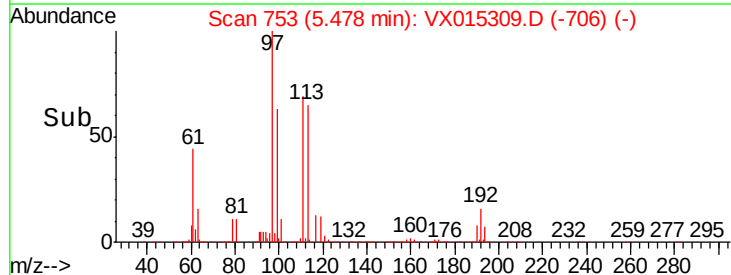
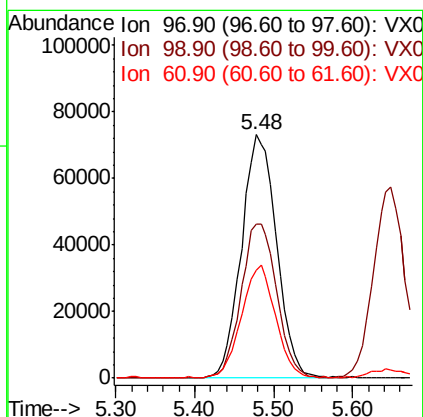
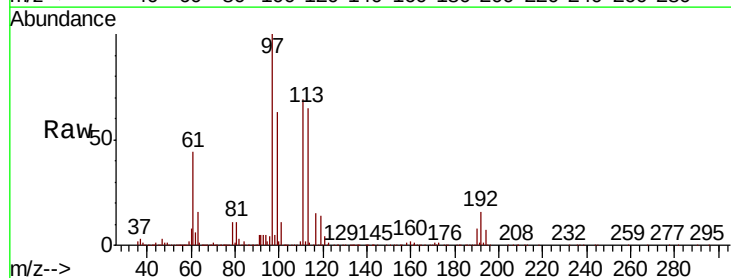
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

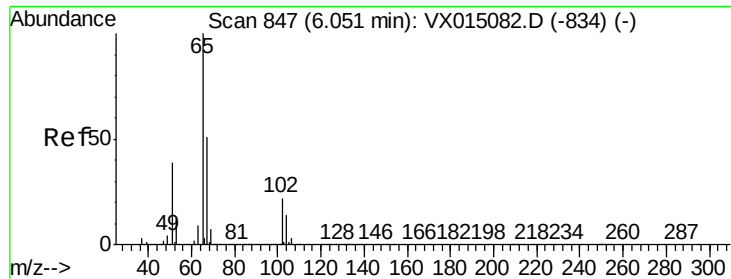
Tot Ion	56	Resp	252976
Ion	Ratio	Lower	Upper
56	100		
69	29.5	25.0	37.6
84	81.7	67.6	101.4



#32
1,1,1-Trichloroethane
Concen: 46.629 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion	97	Resp	226199
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.8	79.2
61	44.7	36.6	54.8

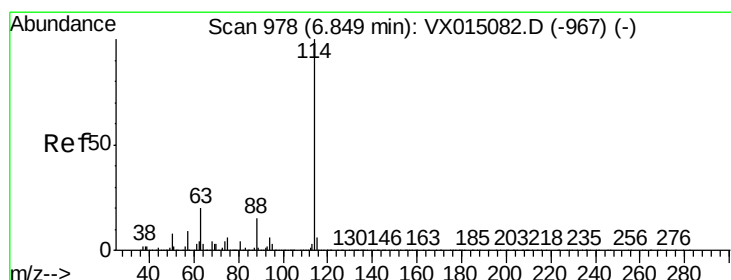
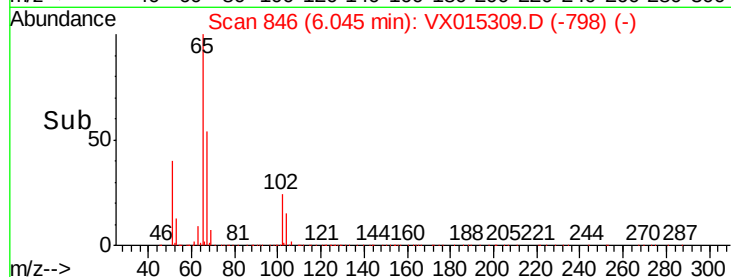
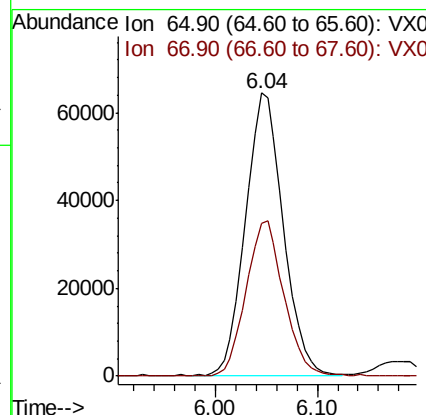
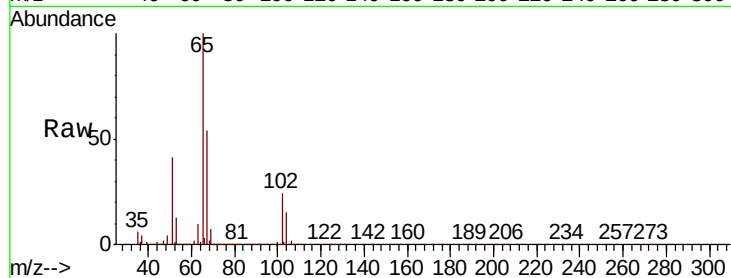




#33
 1,2-Dichloroethane-d4
 Concen: 43.872 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

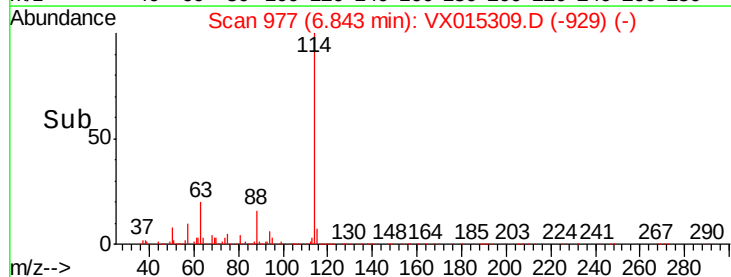
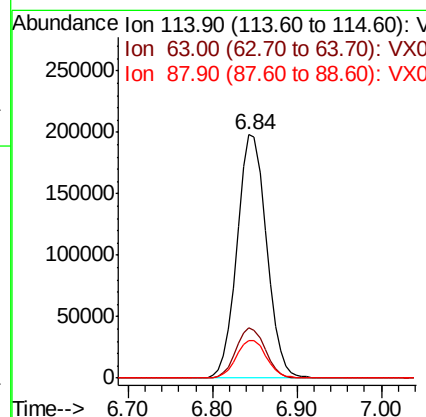
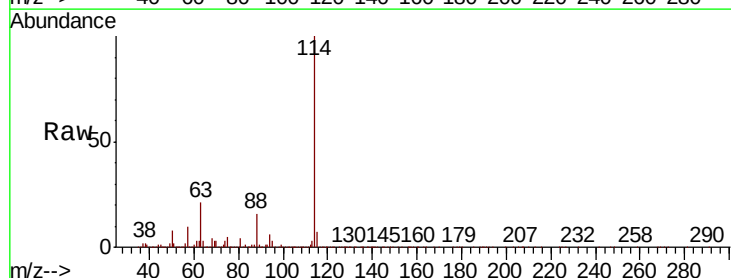
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

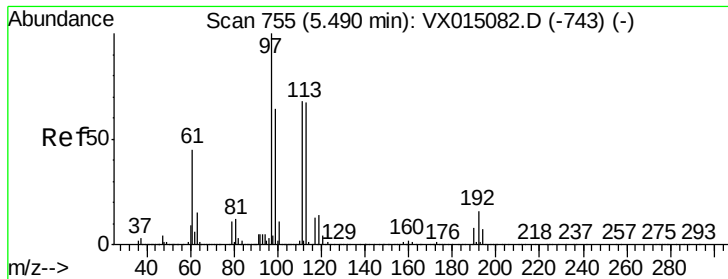
Tot Ion: 65 Resp: 166795
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion: 114 Resp: 468386
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.6 0.0 30.6

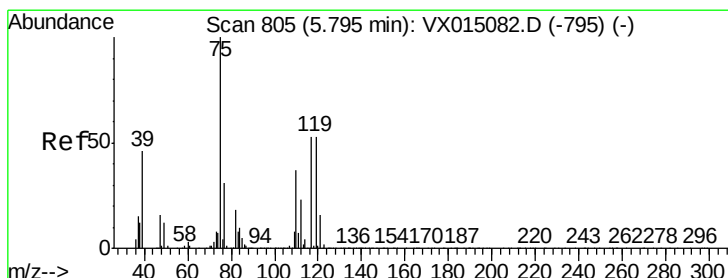
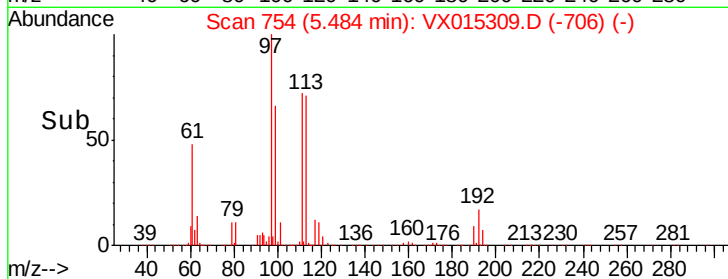
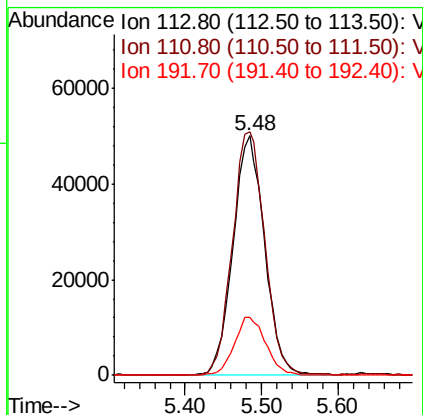
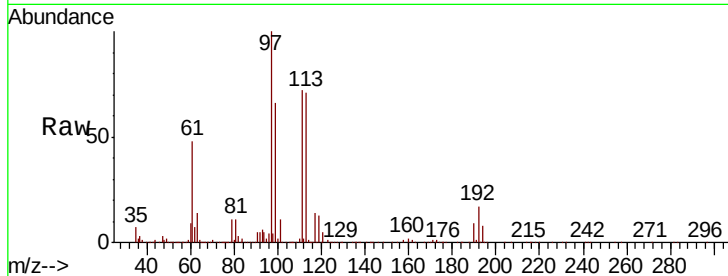




#35
 Dibromofluoromethane
 Concen: 48.499 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

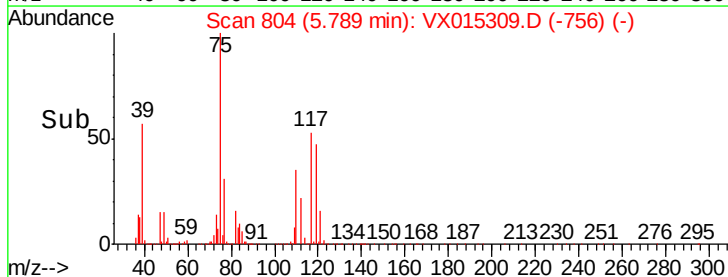
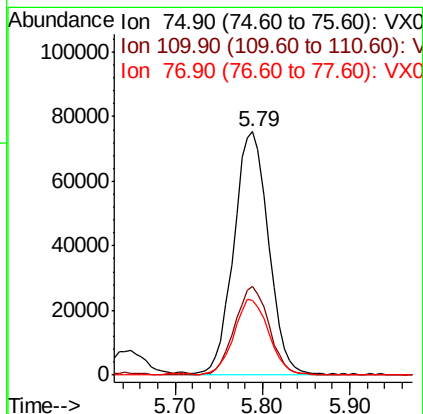
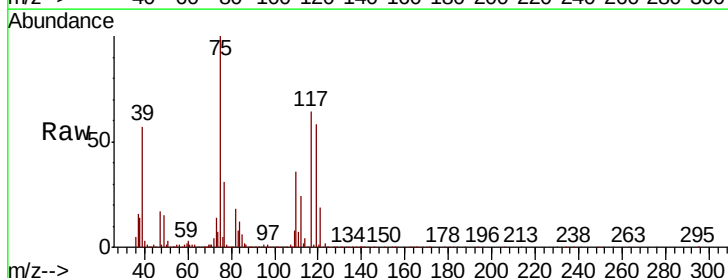
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

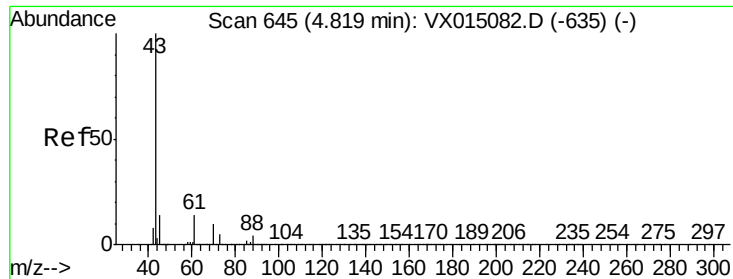
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	24.1	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 47.619 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.9	53.8
77	30.9	24.8	37.2

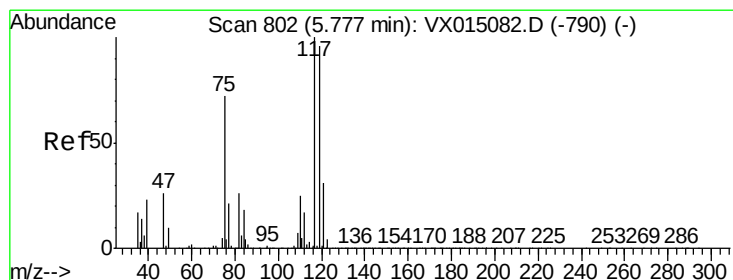
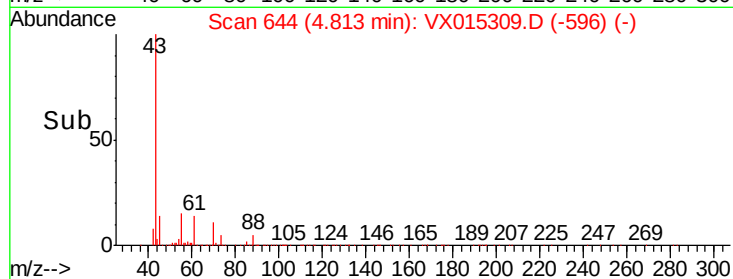
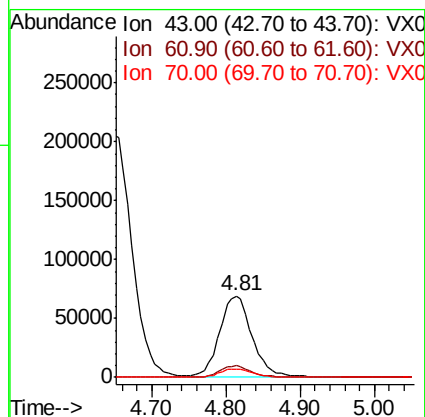
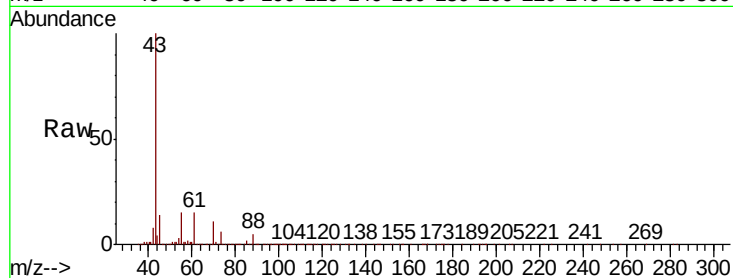




#37
Ethyl Acetate
Concen: 51.542 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

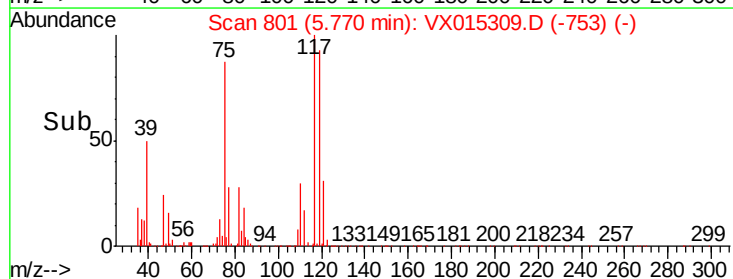
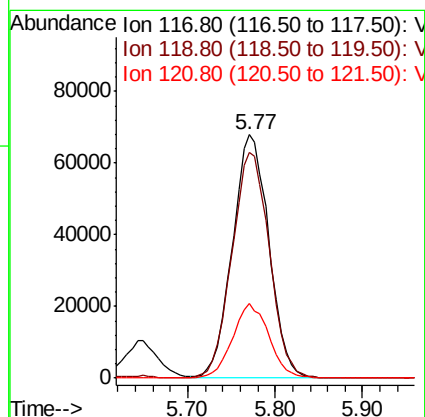
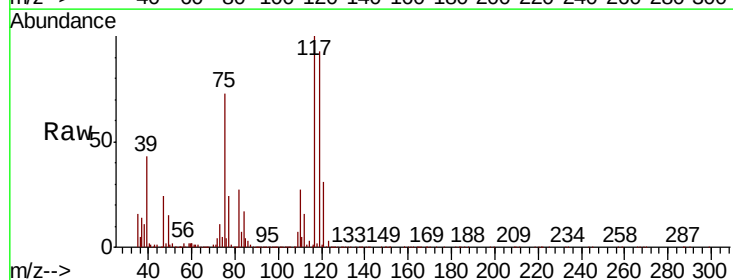
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

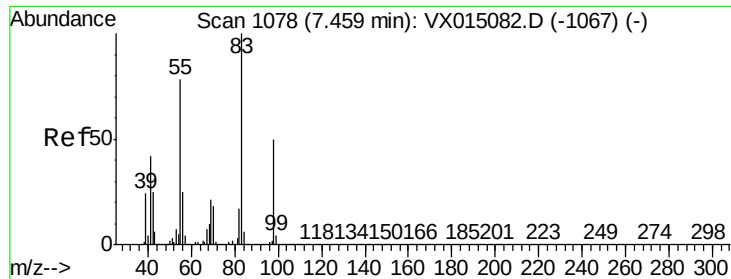
Tot Ion: 43 Resp: 207022
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.4
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 47.934 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 117 Resp: 195918
Ion Ratio Lower Upper
117 100
119 92.6 76.9 115.3
121 30.8 24.6 37.0

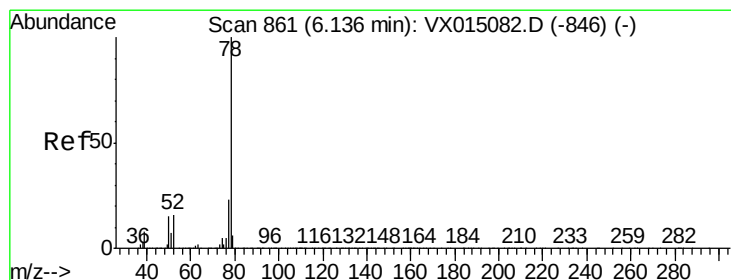
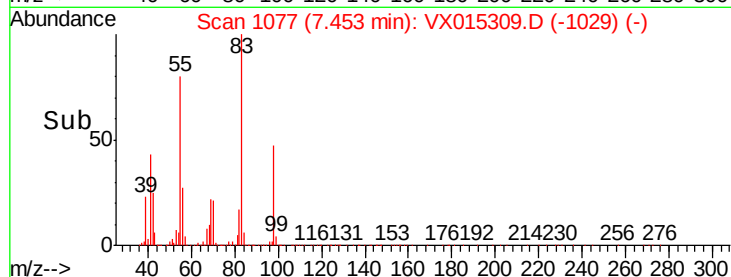
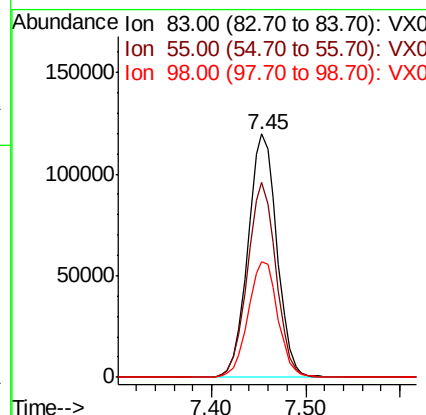
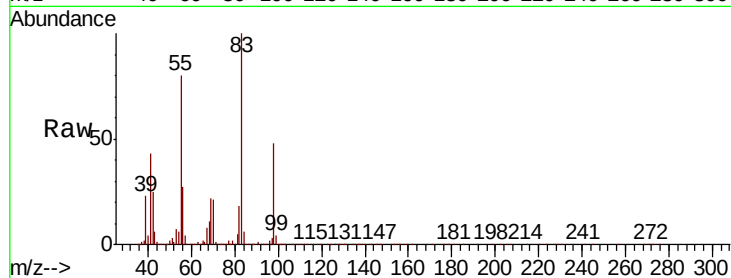




#39
Methylvlcyclohexane
Concen: 50.887 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

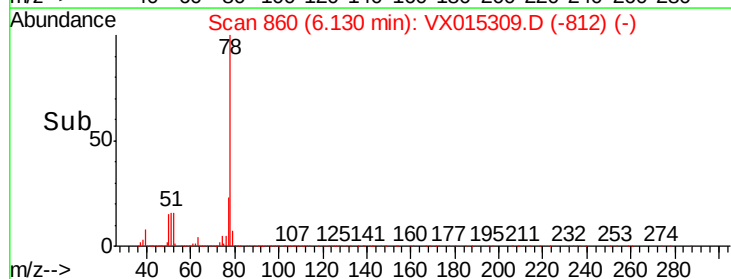
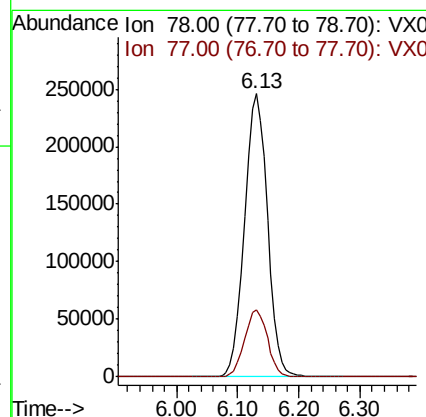
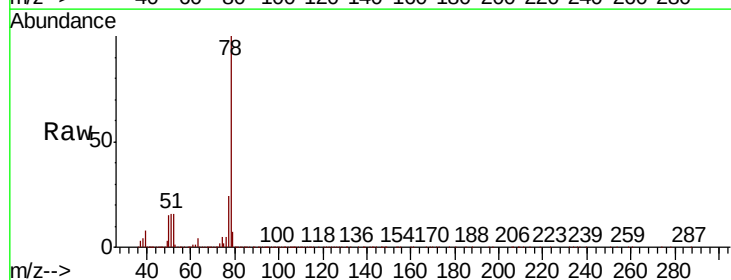
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

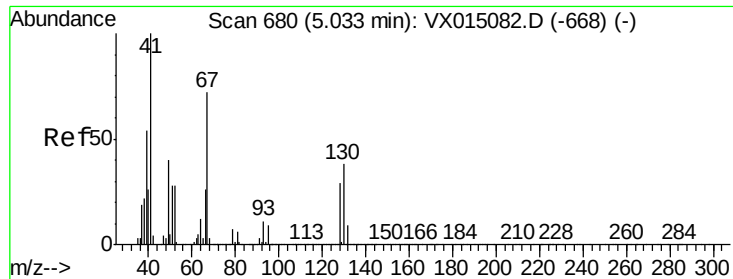
Tot Ion: 83 Resp: 257288
Ion Ratio Lower Upper
83 100
55 80.2 62.4 93.6
98 47.6 39.7 59.5



#40
Benzene
Concen: 49.804 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 78 Resp: 639809
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

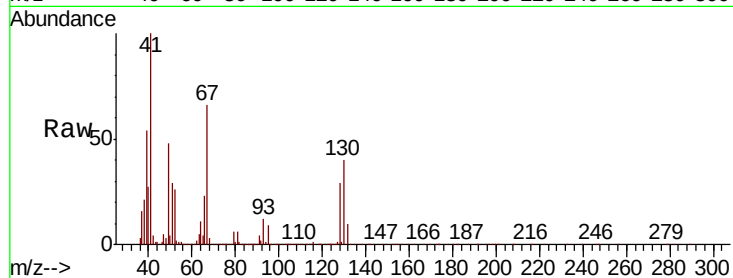




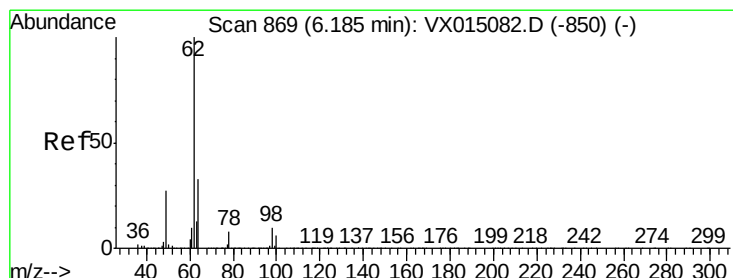
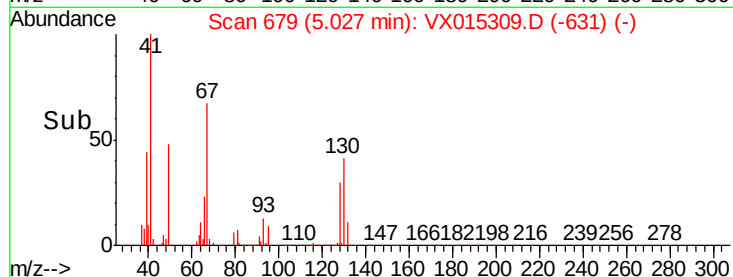
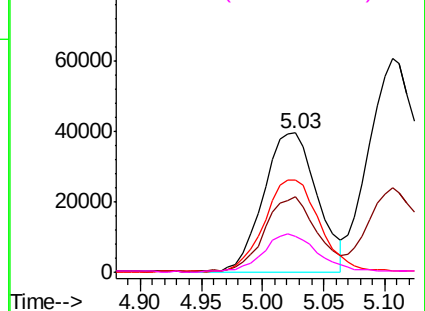
#41
Methacrylonitrile
Concen: 49.974 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	120565
Ion	Ratio	Lower	Upper
41	100		
39	52.1	43.9	65.9
67	68.5	57.8	86.8
52	27.2	22.6	34.0

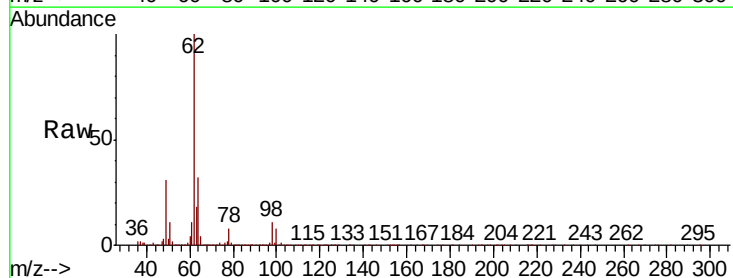


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

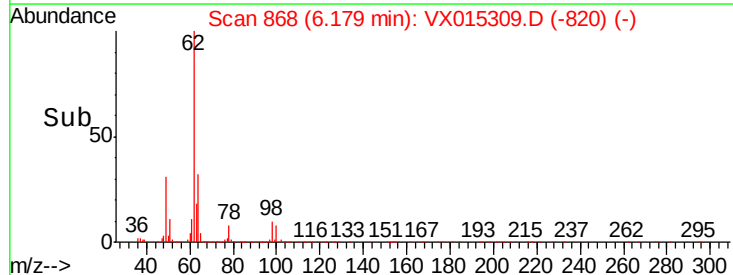
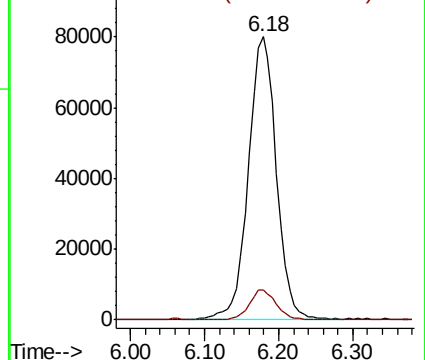


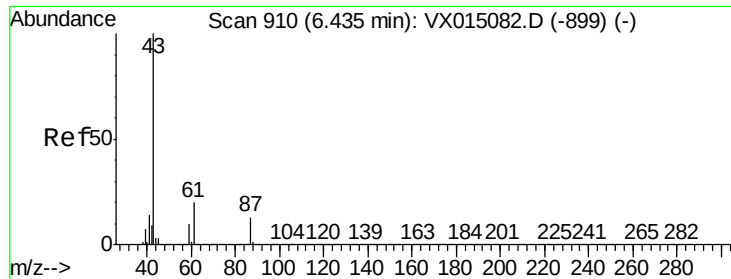
#42
1,2-Dichloroethane
Concen: 47.735 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion:	62	Resp:	210593
Ion	Ratio	Lower	Upper
62	100		
98	10.1	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: 48.758 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

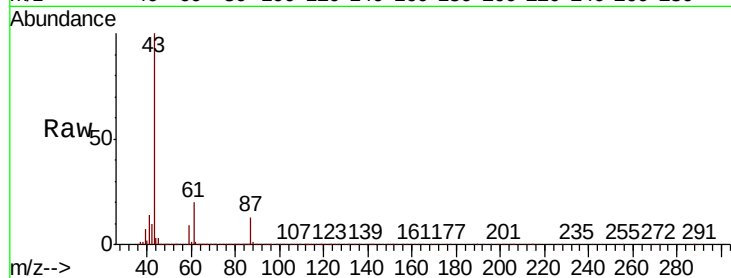
Tot Ion: 43 Resp: 344523

Ion Ratio Lower Upper

43 100

61 20.7 16.1 24.1

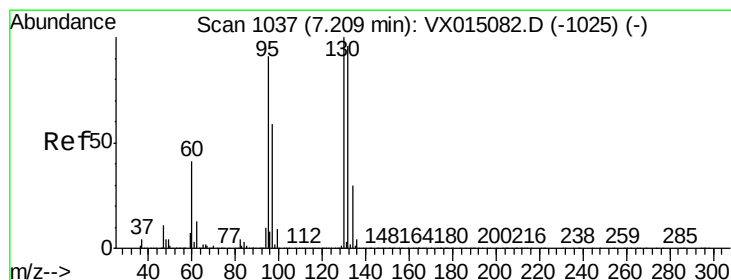
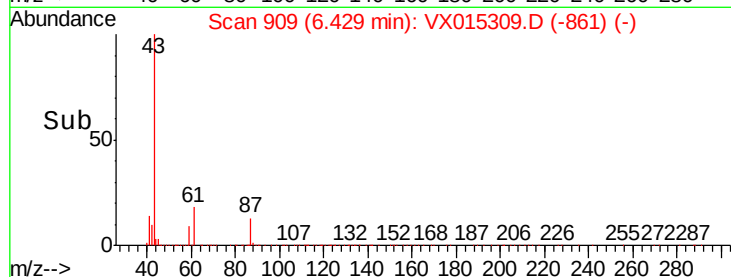
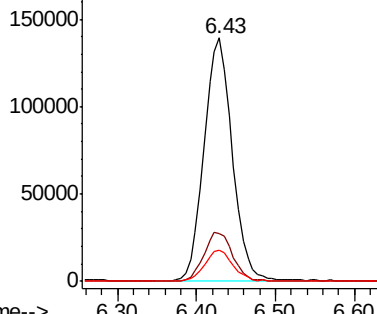
87 12.7 10.6 16.0



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: 48.940 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015309.D

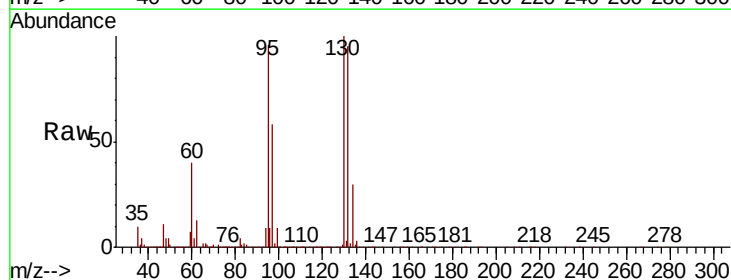
Acq: 17 Mar 2020 08:44

Tgt Ion: 130 Resp: 175093

Ion Ratio Lower Upper

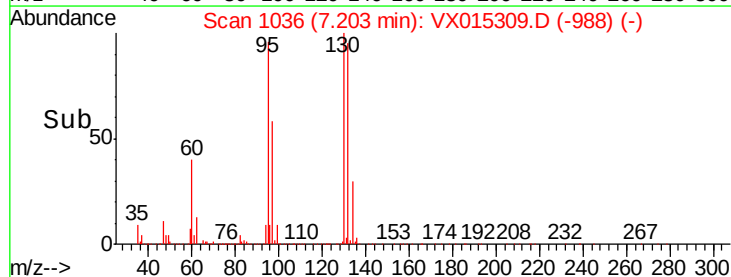
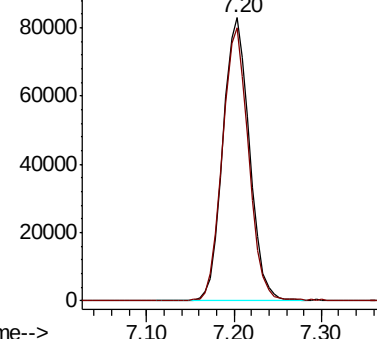
130 100

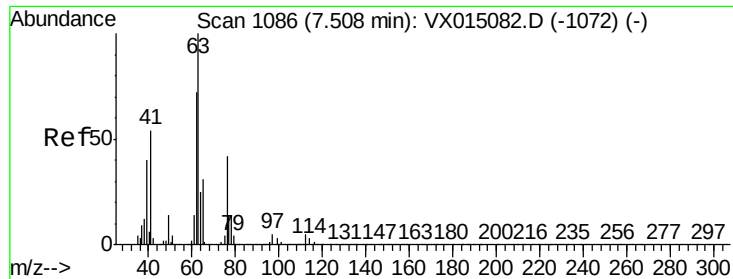
95 96.2 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

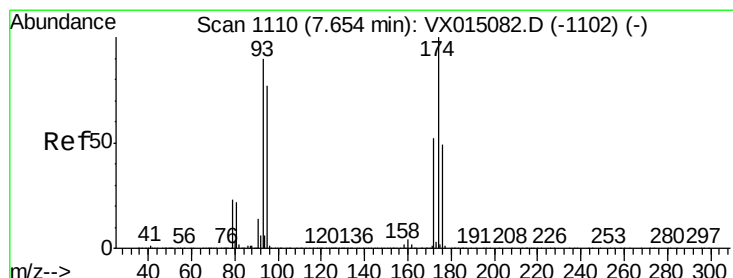
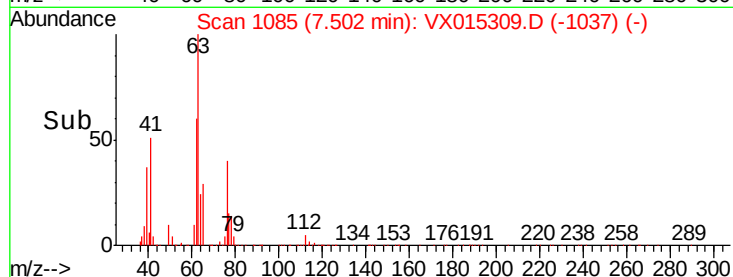
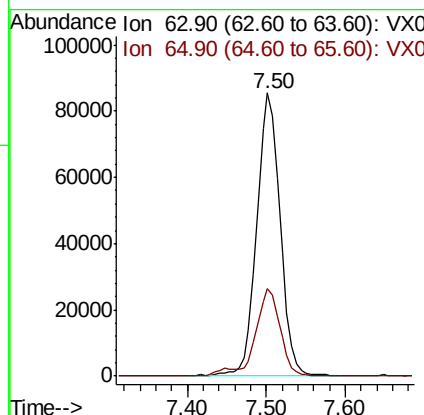
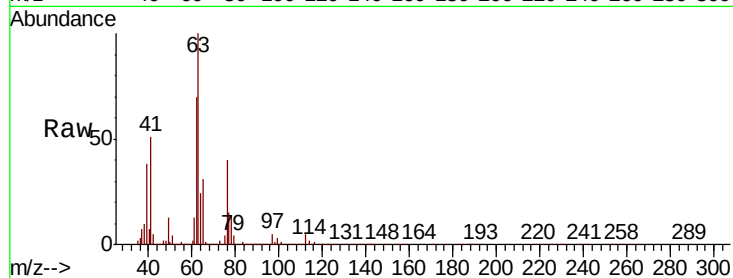




#45
 1,2-Dichloropropane
 Concen: 52.721 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

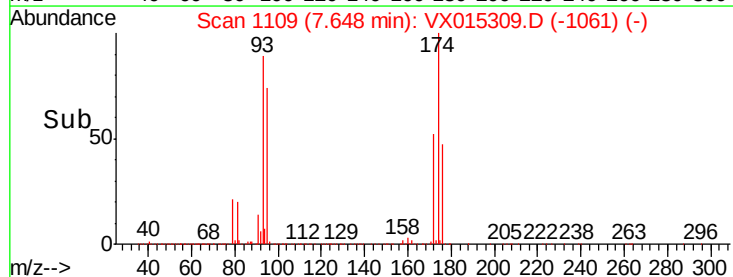
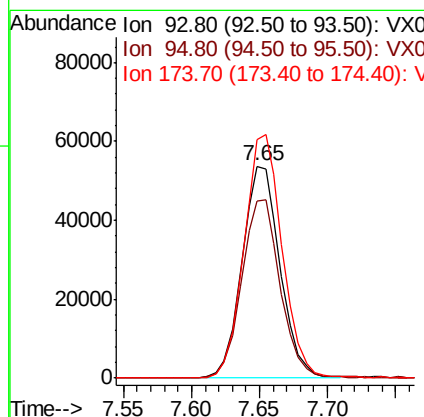
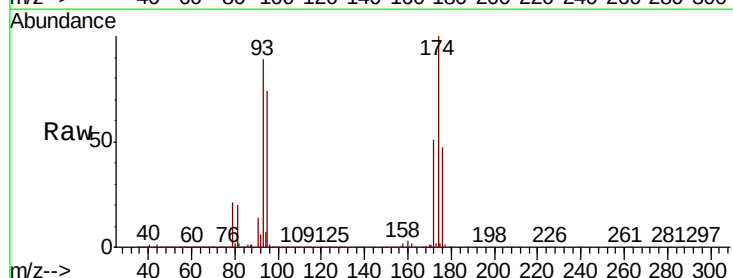
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

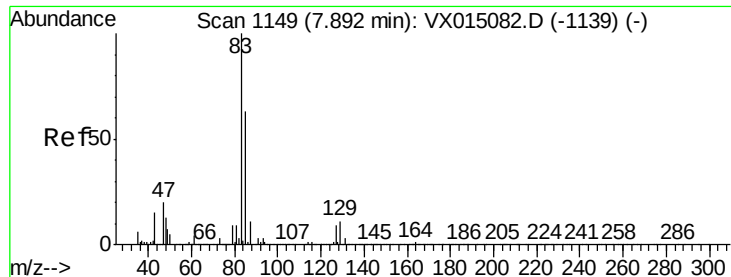
Tot Ion: 63 Resp: 175308
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 36.8



#46
 Dibromomethane
 Concen: 48.276 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion: 93 Resp: 104599
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.8 101.8
 174 115.7 91.0 136.4





#47

Bromodichloromethane

Concen: 50.648 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

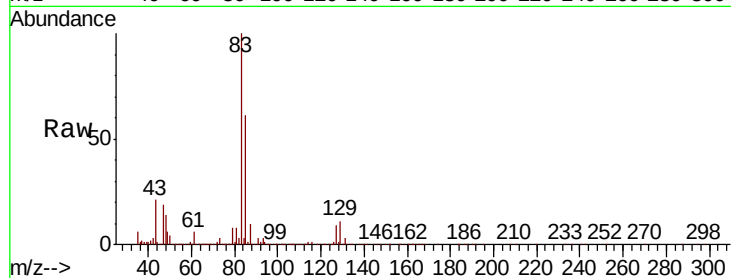
Tot Ion: 83 Resp: 217007

Ion Ratio Lower Upper

83 100

85 61.4 50.6 75.8

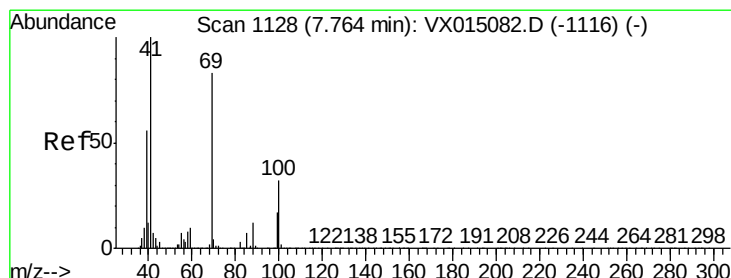
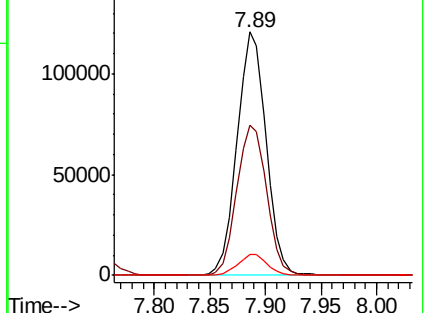
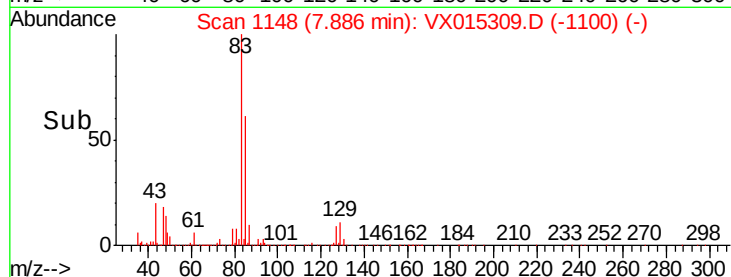
127 8.7 7.1 10.7



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: 48.765 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

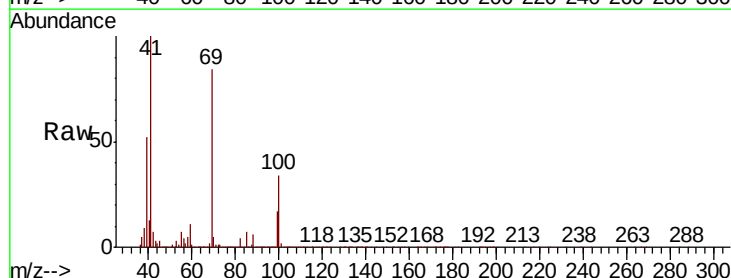
Tgt Ion: 41 Resp: 175374

Ion Ratio Lower Upper

41 100

69 81.8 65.4 98.2

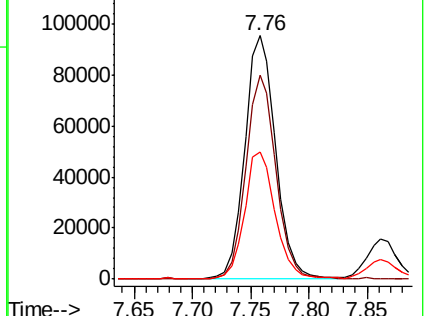
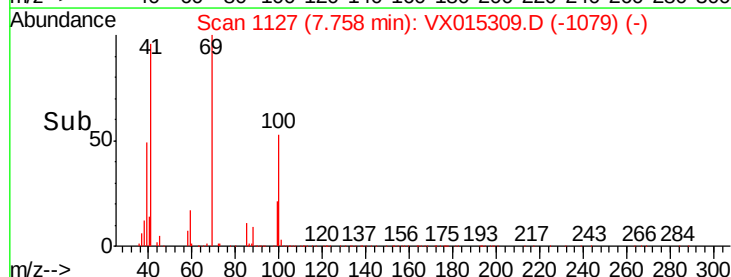
39 52.0 44.6 67.0

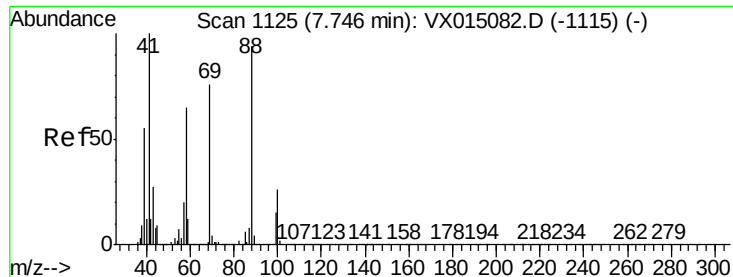


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

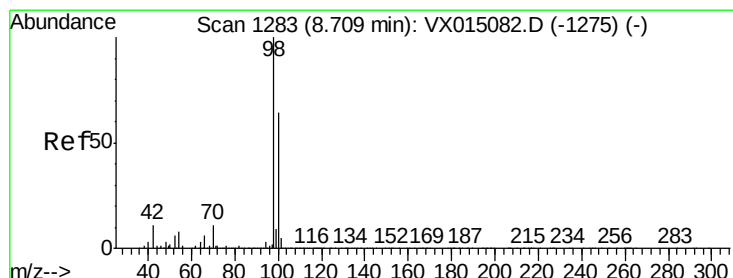
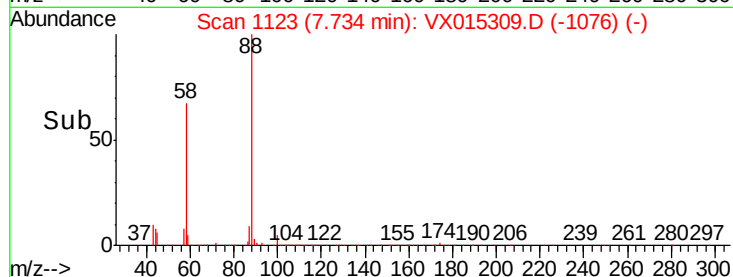
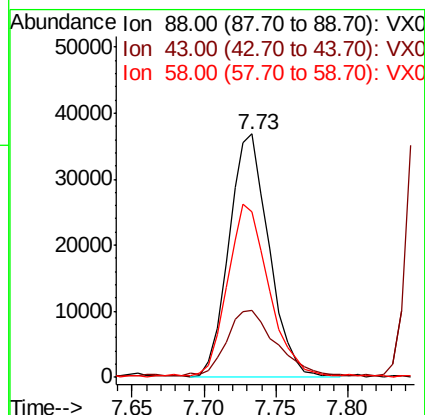
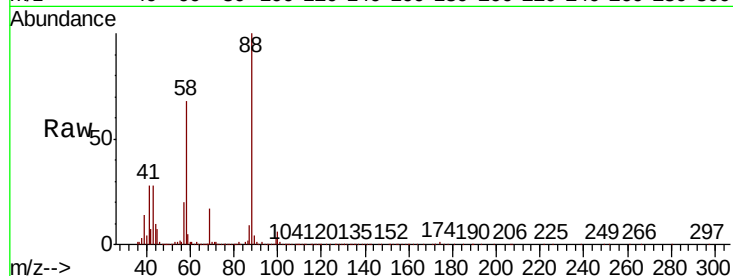




#49
1,4-Dioxane
Concen: 911.313 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

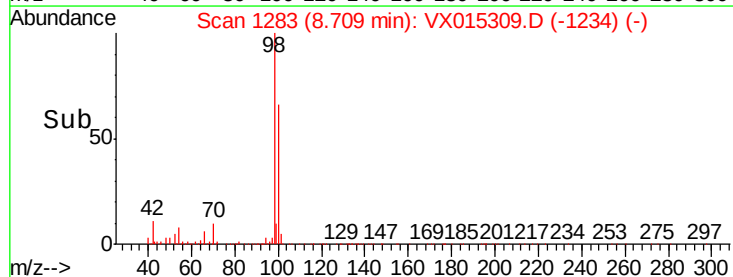
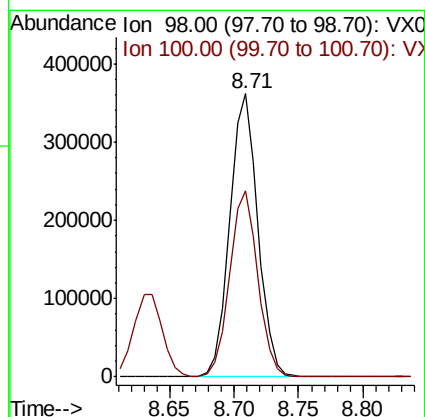
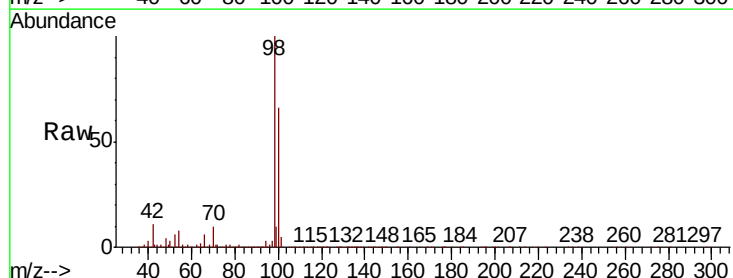
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

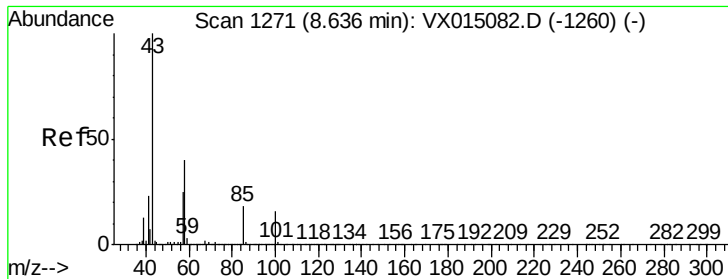
Tot Ion: 88 Resp: 70860
Ion Ratio Lower Upper
88 100
43 33.5 27.0 40.4
58 73.8 55.6 83.4



#50
Toluene-d8
Concen: 49.194 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 98 Resp: 552941
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 253.462 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

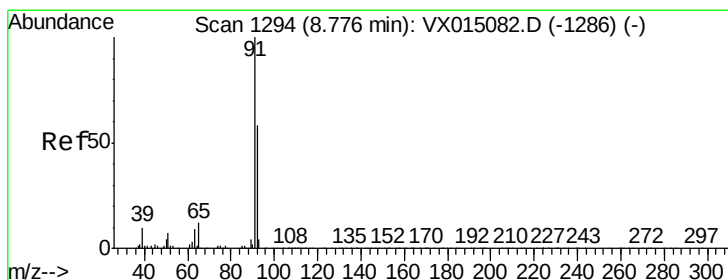
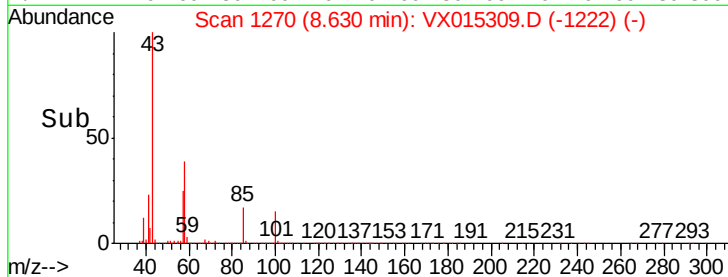
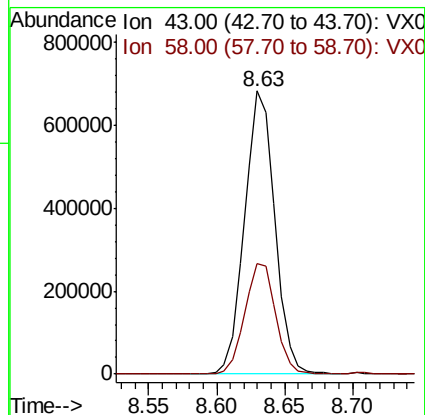
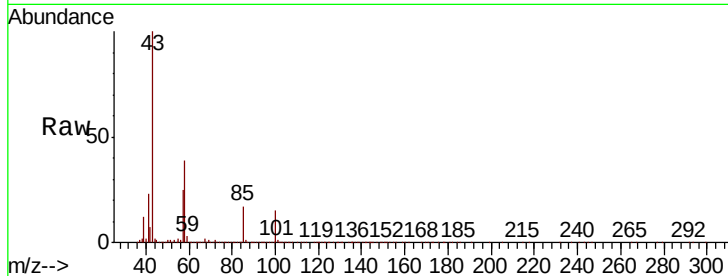
VSTDCCC050

Tot Ion: 43 Resp: 1058905

Ion Ratio Lower Upper

43 100

58 39.8 31.6 47.4



#52

Toluene

Concen: 51.026 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015309.D

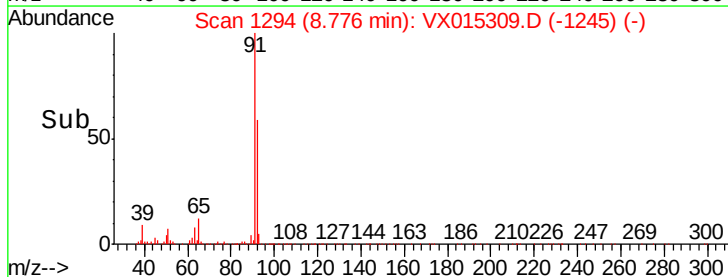
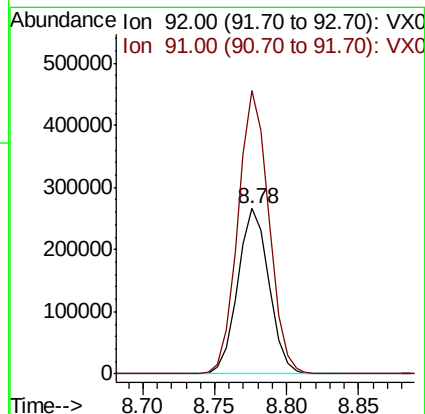
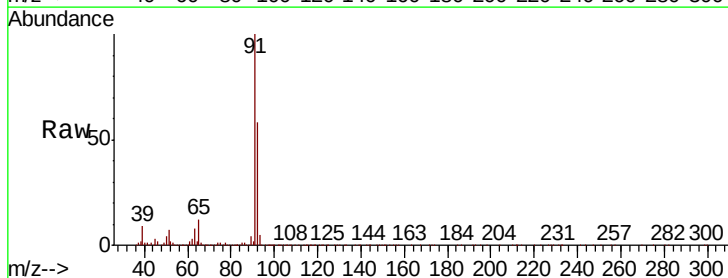
Acq: 17 Mar 2020 08:44

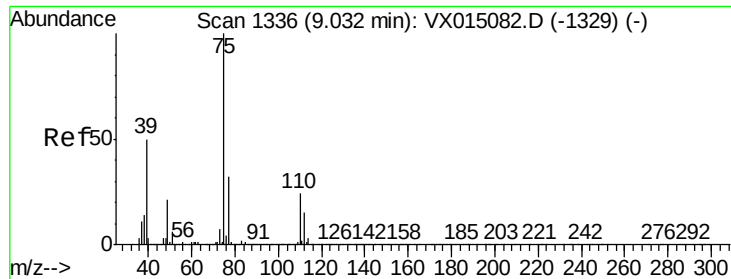
Tgt Ion: 92 Resp: 400801

Ion Ratio Lower Upper

92 100

91 169.7 136.9 205.3

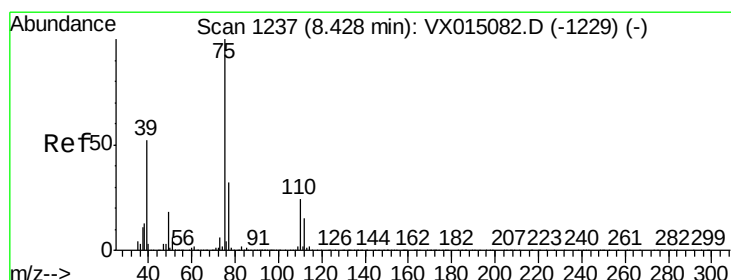
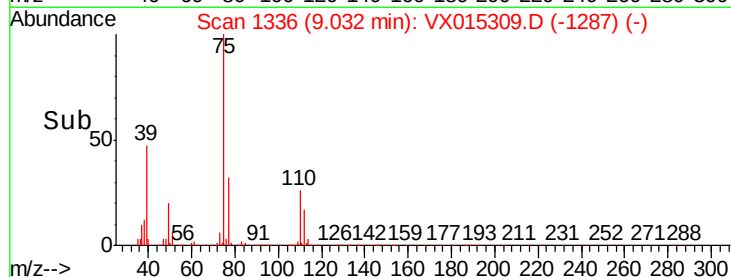
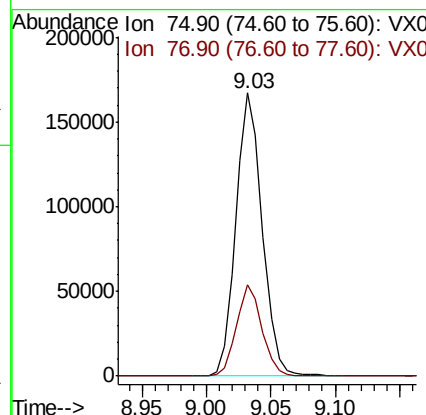
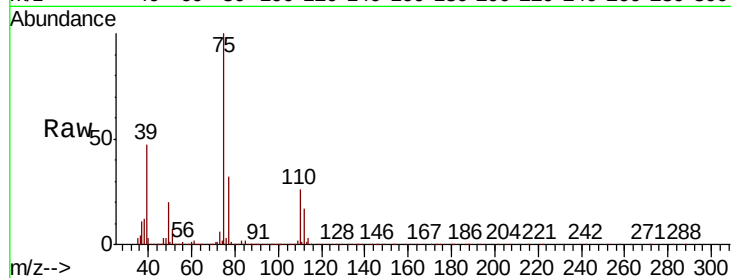




#53
t-1,3-Dichloropropene
Concen: 52.136 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

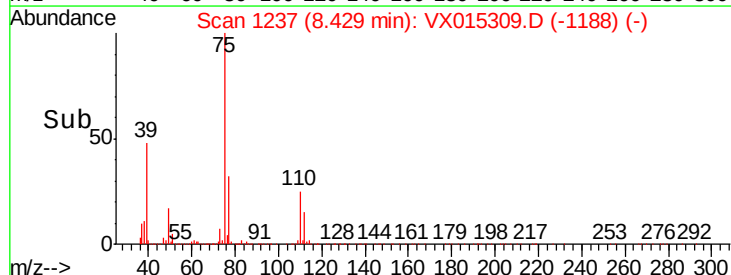
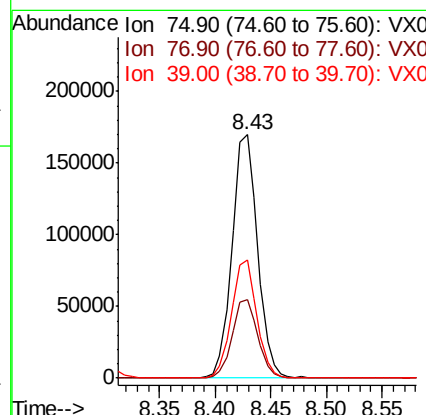
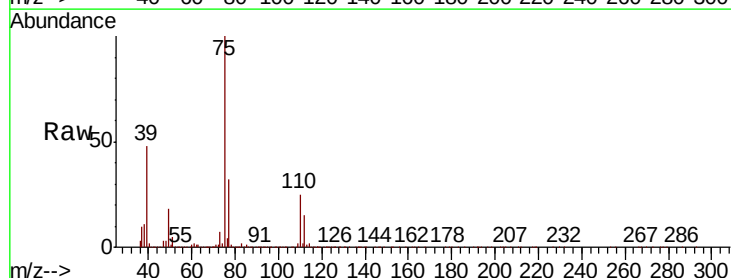
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

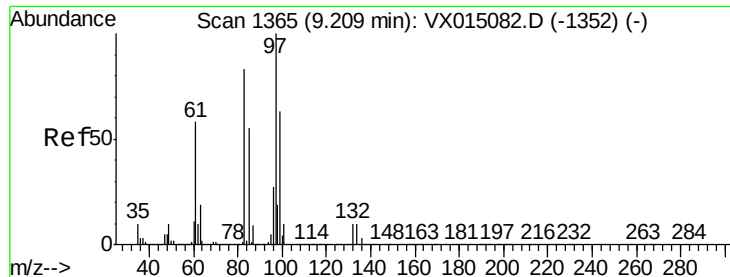
Tot Ion: 75 Resp: 237766
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.392 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 75 Resp: 270114
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
39 48.1 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 50.555 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 163446

Ion	Ratio	Lower	Upper
97	100		
83	81.2	66.4	99.6
85	53.5	43.5	65.3
99	61.6	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

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

150000

100000

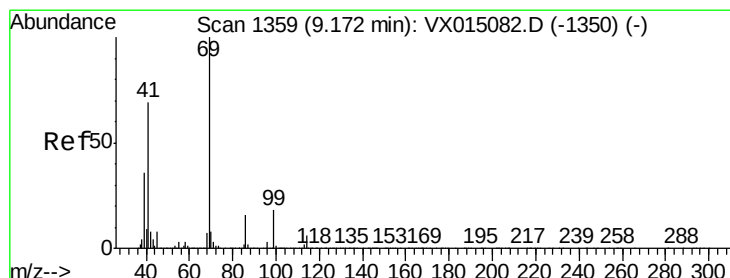
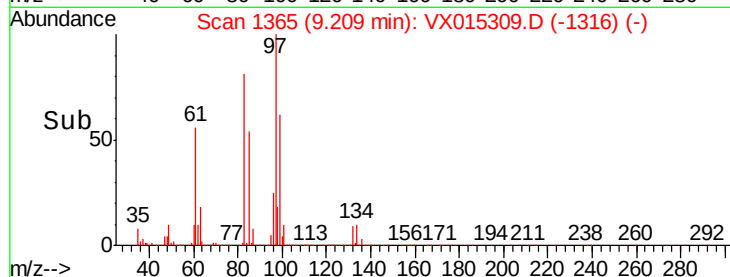
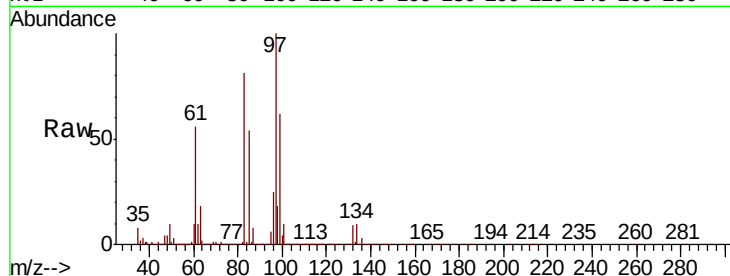
50000

0

9.21

Time-->

9.10 9.15 9.20 9.25 9.30



#56

Ethyl methacrylate

Concen: 53.160 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion: 69 Resp: 245146

Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.8	83.8
39	33.4	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

Time-->

9.10 9.15 9.20 9.30

Abundance

200000

150000

100000

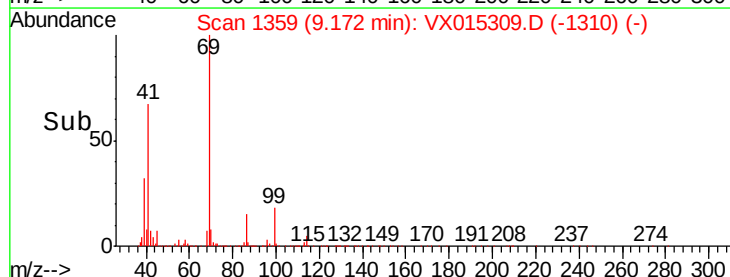
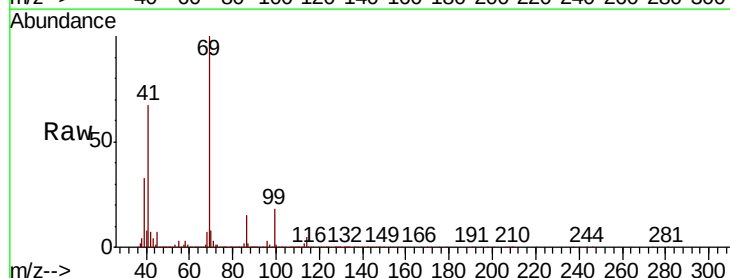
50000

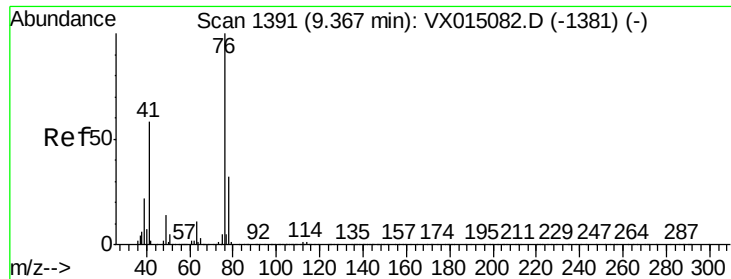
0

9.17

Time-->

9.10 9.15 9.20 9.30





#57

1,3-Dichloropropane

Concen: 50.920 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

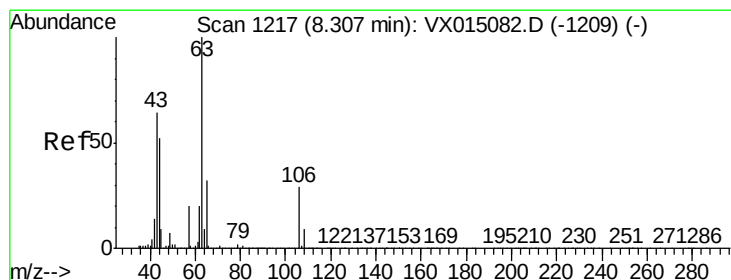
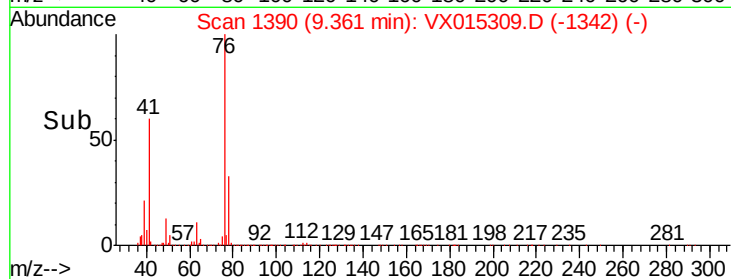
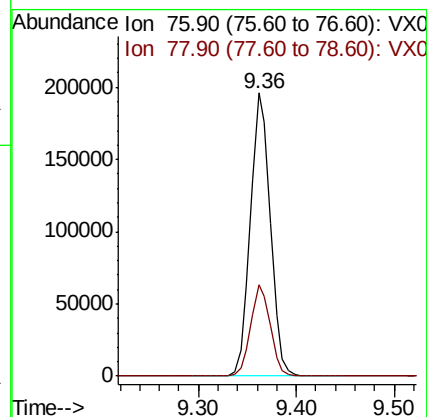
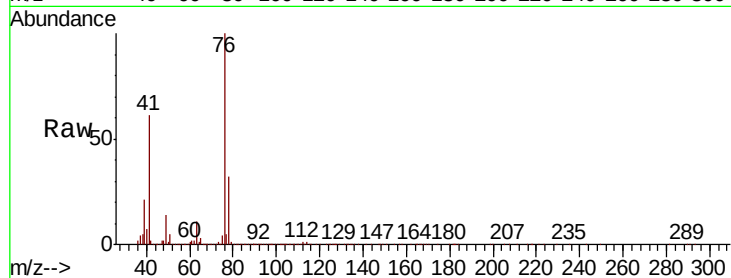
VSTDCCC050

Tot Ion: 76 Resp: 276964

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 255.549 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015309.D

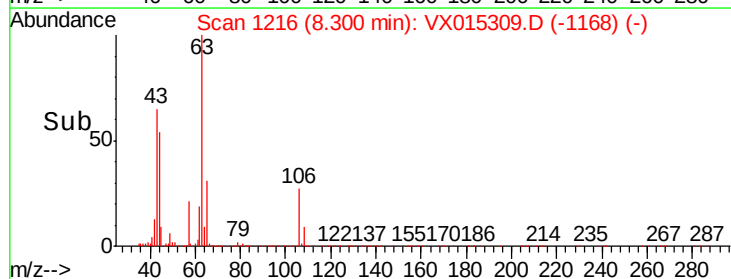
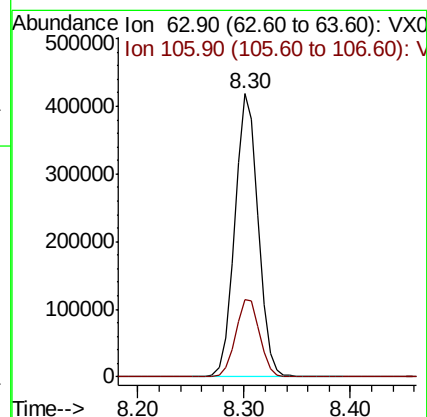
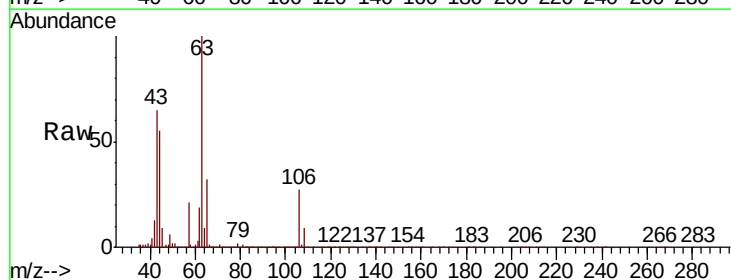
Acq: 17 Mar 2020 08:44

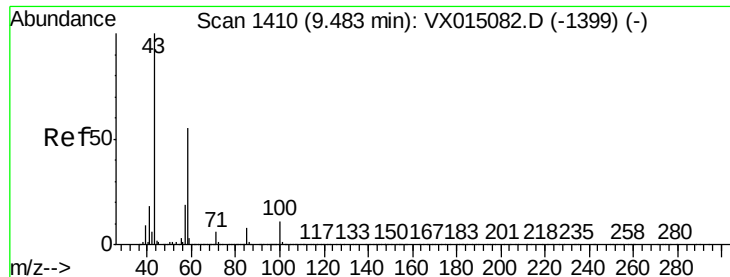
Tgt Ion: 63 Resp: 642001

Ion Ratio Lower Upper

63 100

106 28.3 22.8 34.2

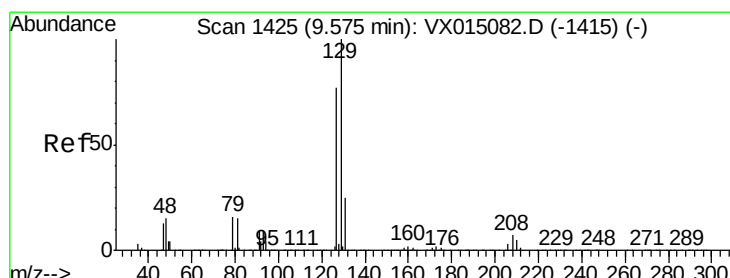
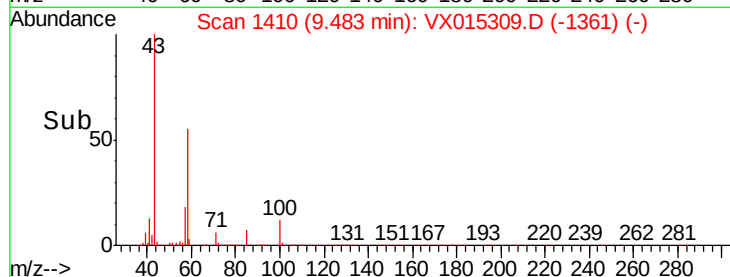
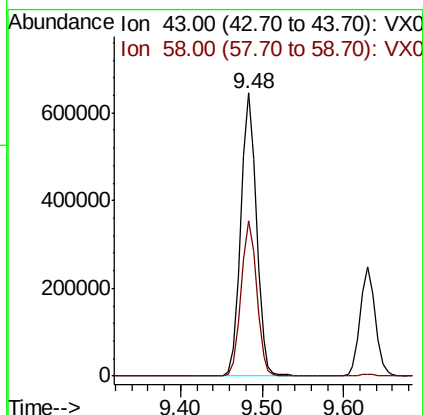
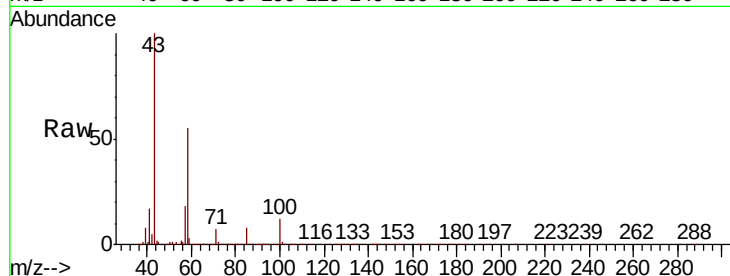




#59
2-Hexanone
Concen: 273.693 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

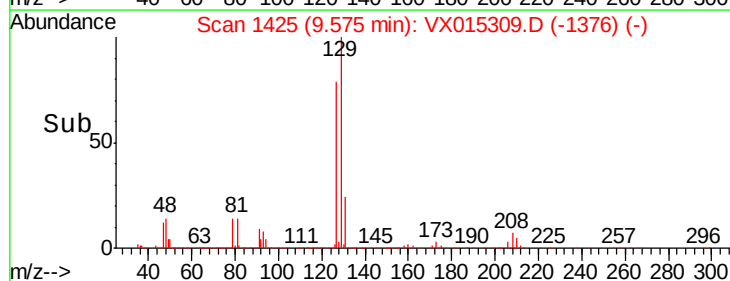
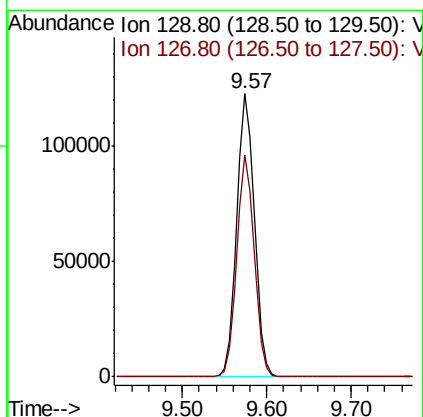
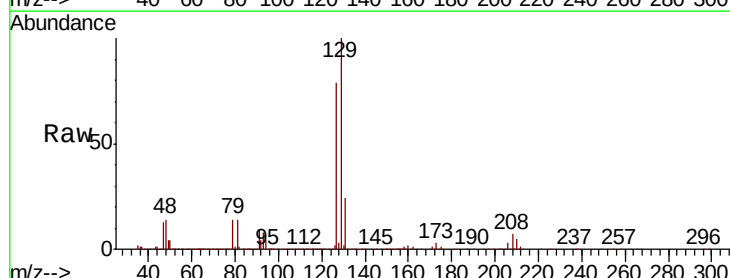
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

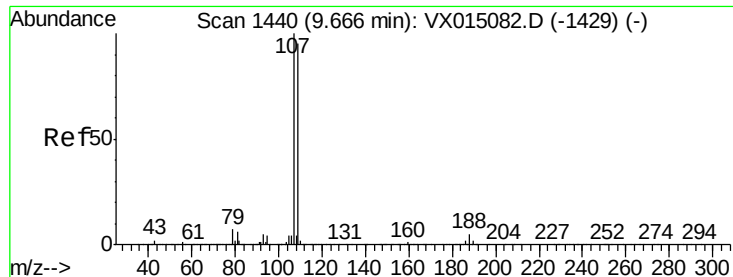
Tot Ion: 43 Resp: 847491
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 51.082 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 129 Resp: 173483
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 47.983 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

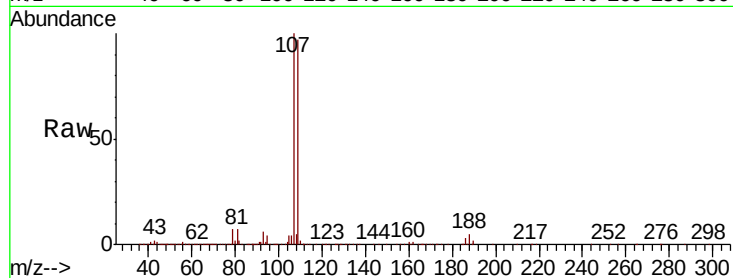
VSTDCCC050

Tot Ion:107 Resp: 162941

Ion Ratio Lower Upper

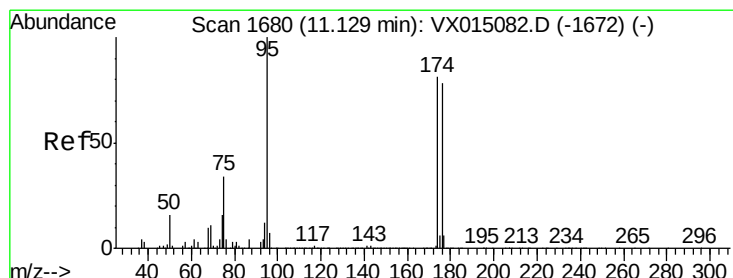
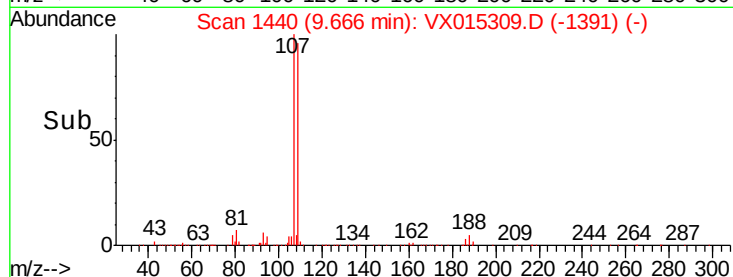
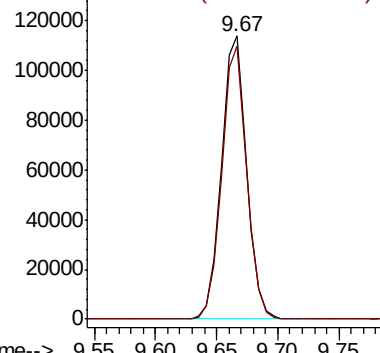
107 100

109 96.5 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: 50.484 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

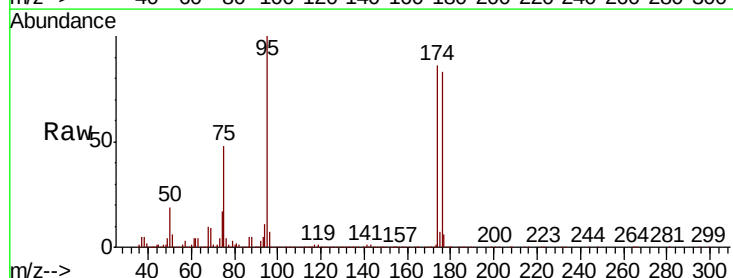
Tgt Ion: 95 Resp: 202400

Ion Ratio Lower Upper

95 100

174 88.3 0.0 177.6

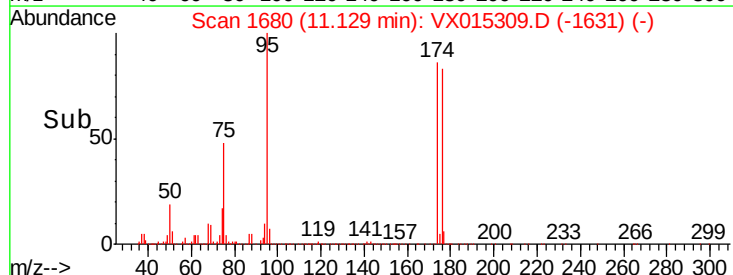
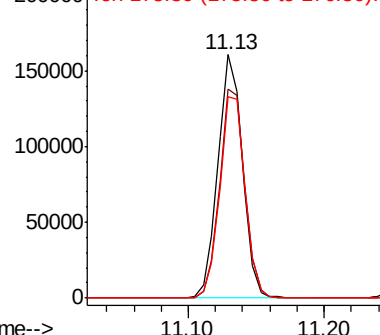
176 85.9 0.0 170.2

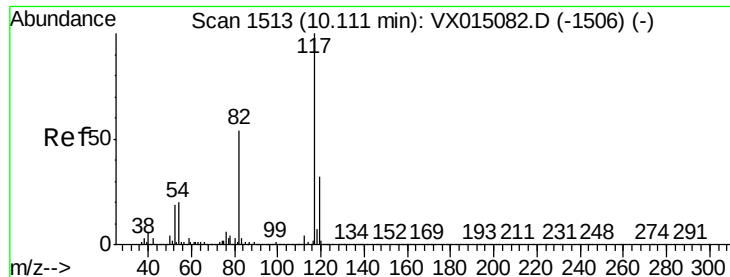


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

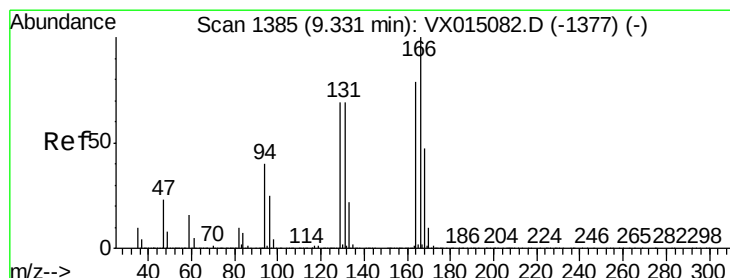
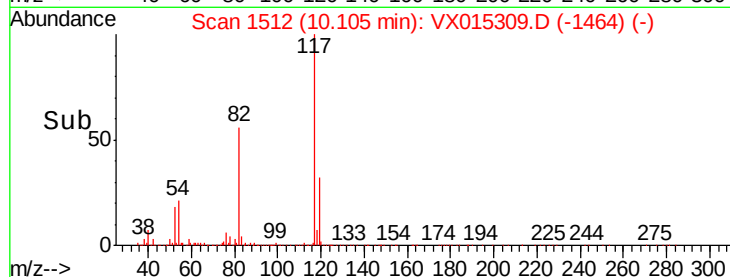
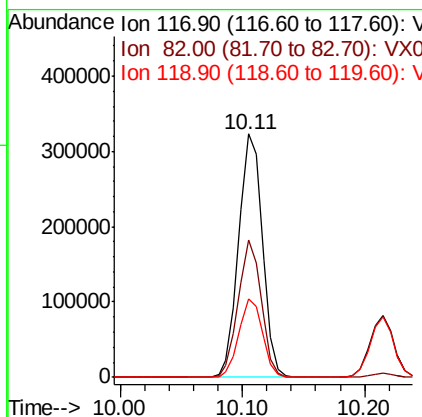
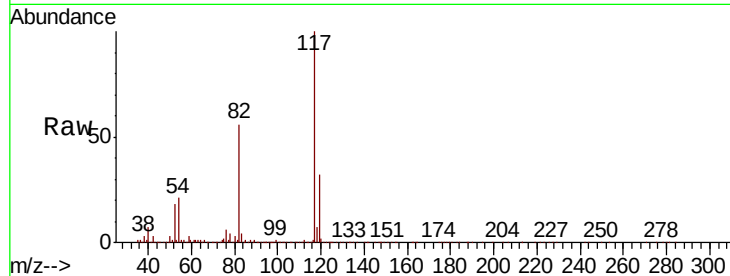




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

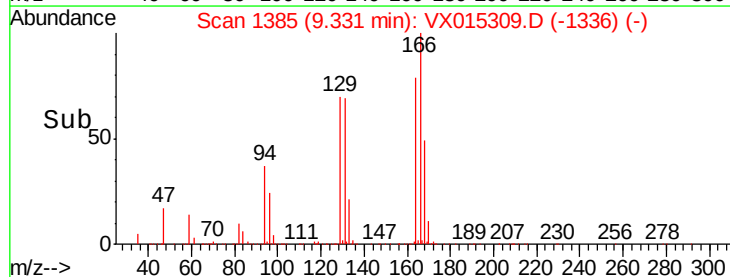
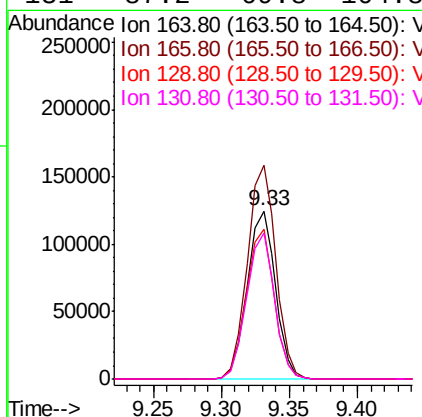
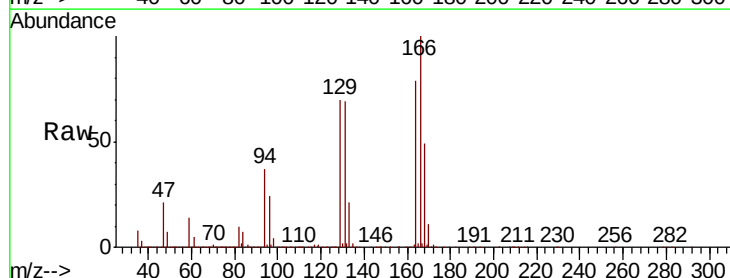
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

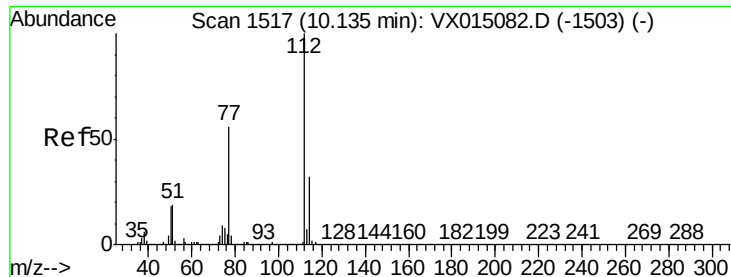
Tot Ion:117 Resp: 434462
Ion Ratio Lower Upper
117 100
82 56.1 43.3 64.9
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 50.911 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion:164 Resp: 182881
Ion Ratio Lower Upper
164 100
166 127.2 101.1 151.7
129 89.1 69.4 104.0
131 87.2 69.8 104.8

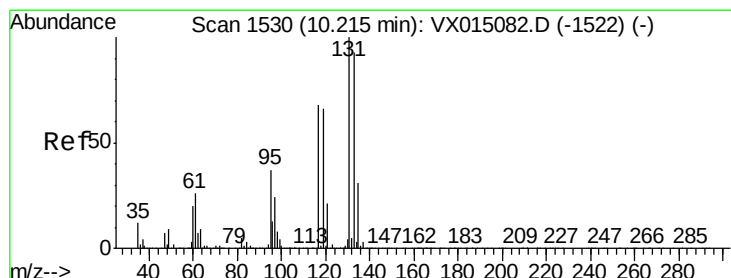
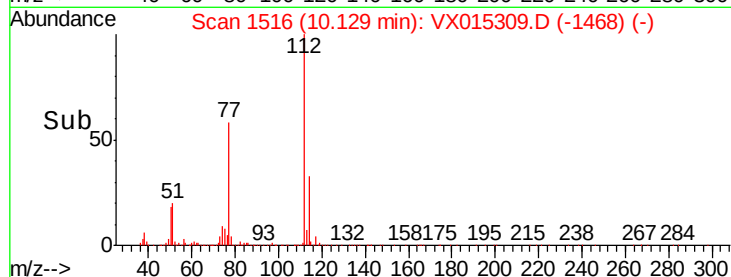
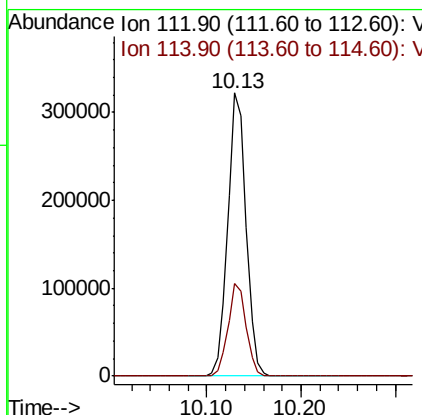
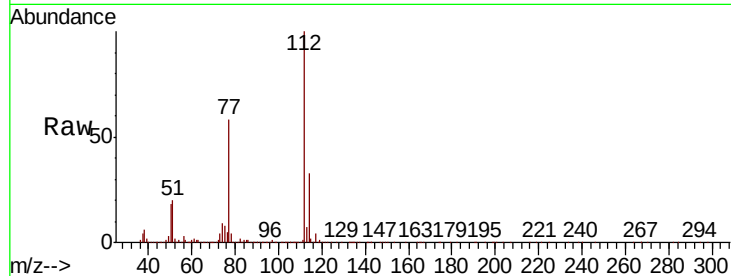




#65
Chlorobenzene
Concen: 49.778 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

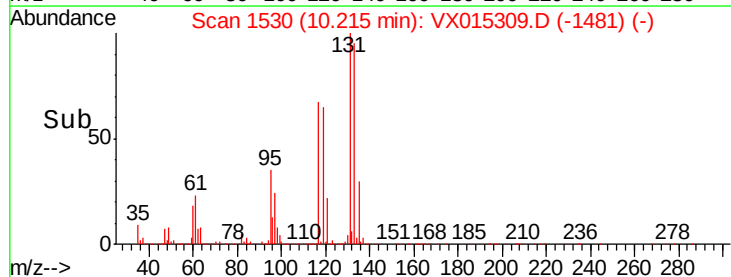
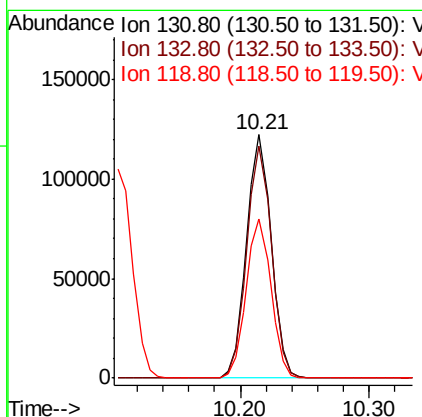
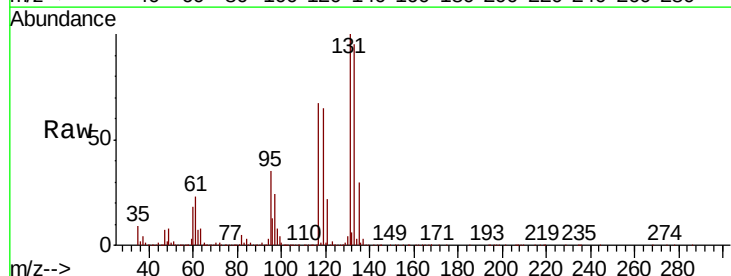
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

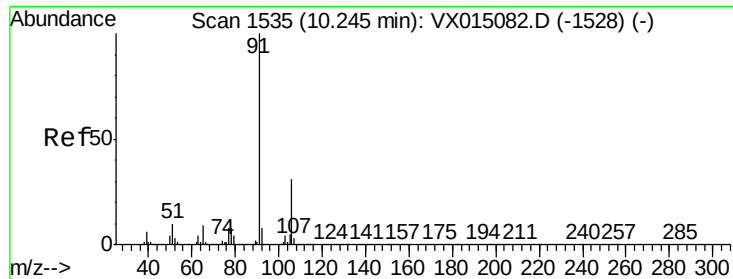
Tot Ion:112 Resp: 434189
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.207 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion:131 Resp: 161843
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 65.3 33.4 100.1

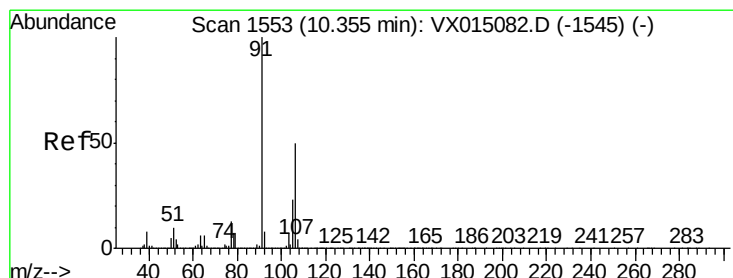
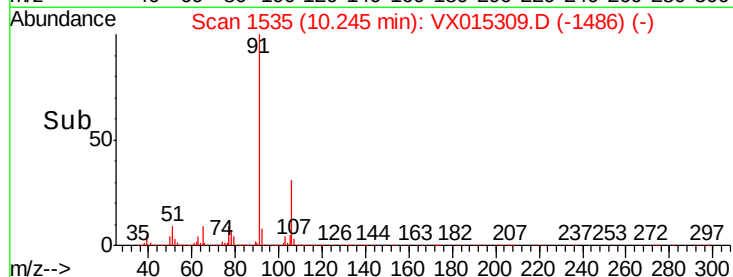
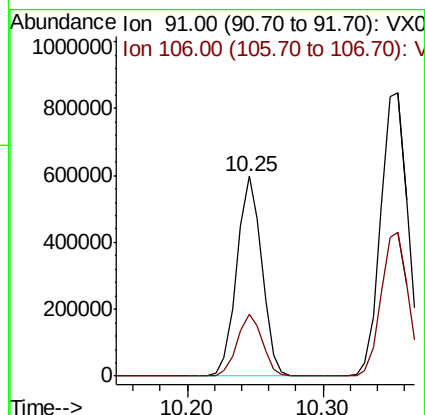
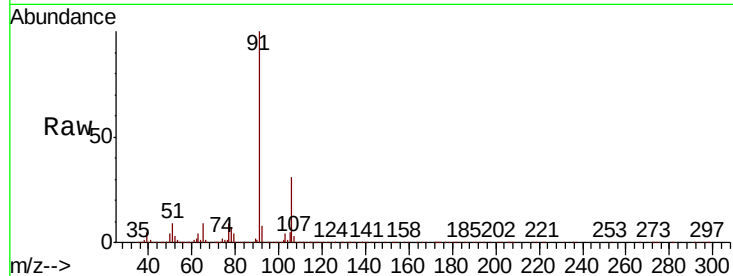




#67
Ethyl Benzene
Concen: 51.512 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

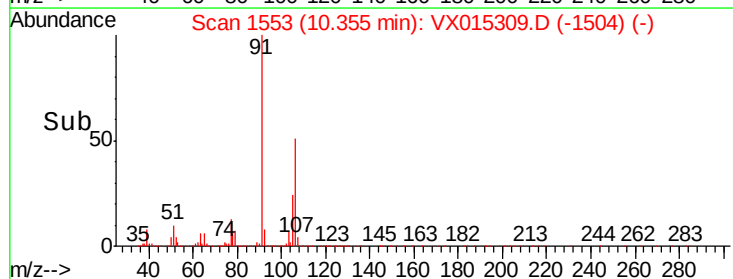
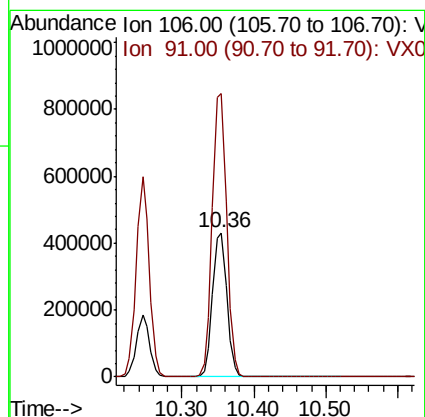
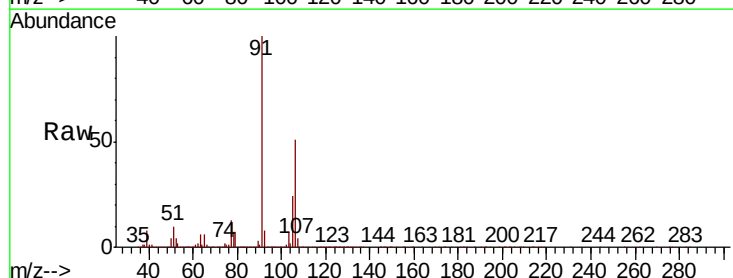
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

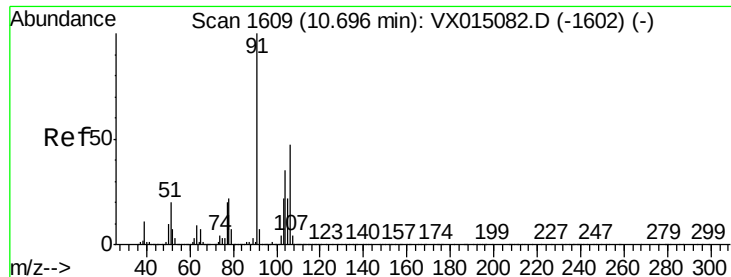
Tot Ion: 91 Resp: 762976
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 104.929 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 106 Resp: 591305
Ion Ratio Lower Upper
106 100
91 198.7 159.4 239.2





#69

o-Xylene

Concen: 52.014 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampled :

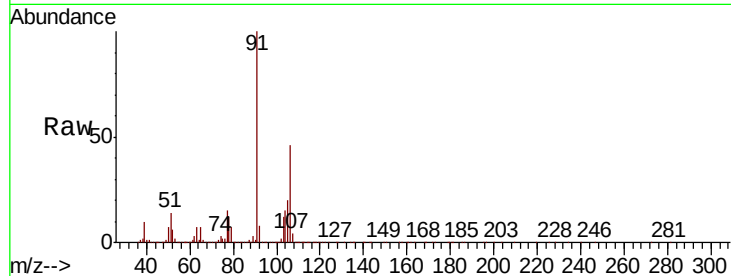
VSTDCCC050

Tot Ion:106 Resp: 280639

Ion Ratio Lower Upper

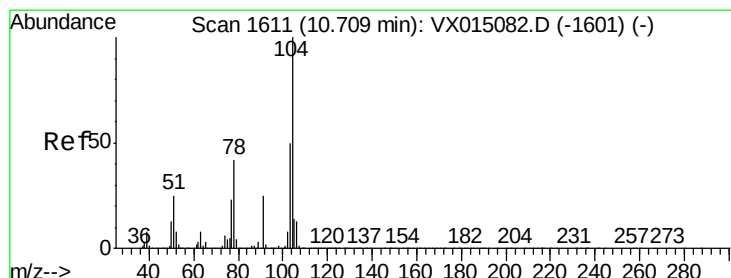
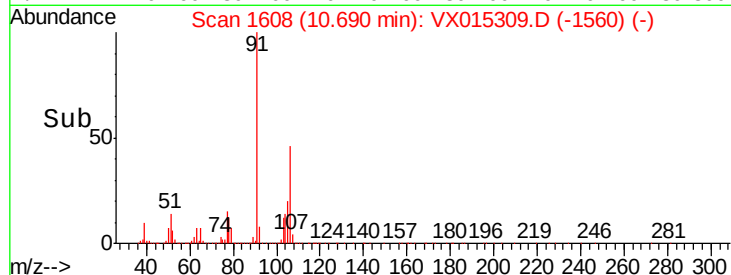
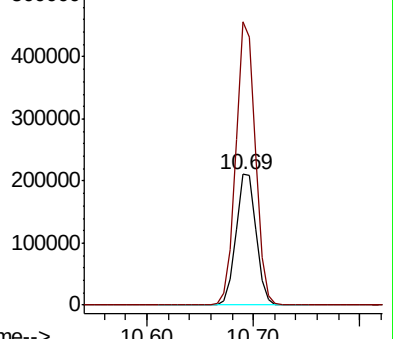
106 100

91 209.2 105.4 316.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 53.730 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

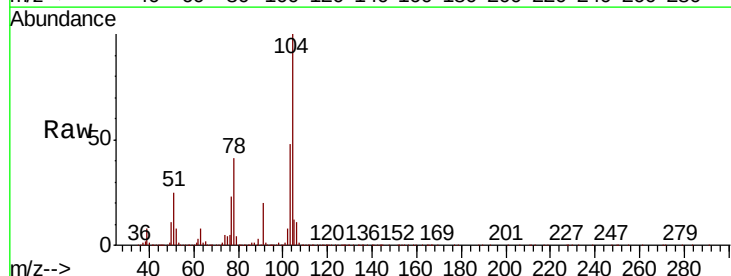
Tgt Ion:104 Resp: 497063

Ion Ratio Lower Upper

104 100

78 47.8 39.0 58.4

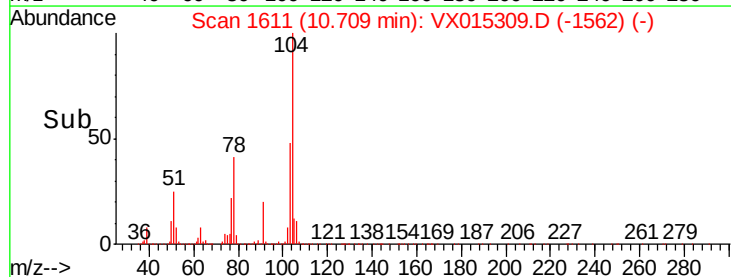
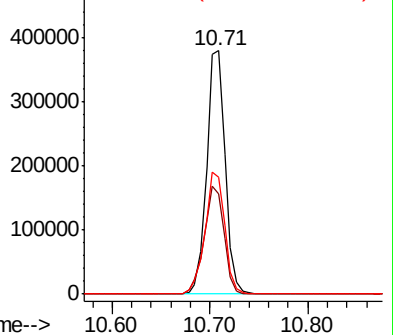
103 53.9 43.7 65.5

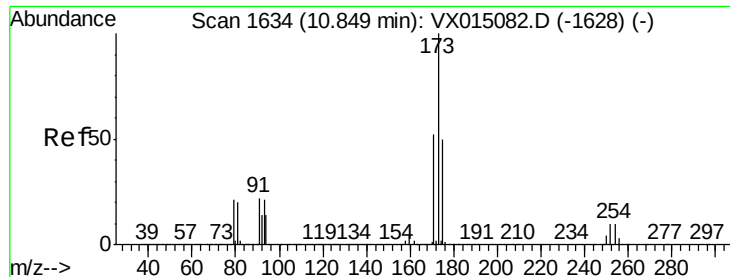


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

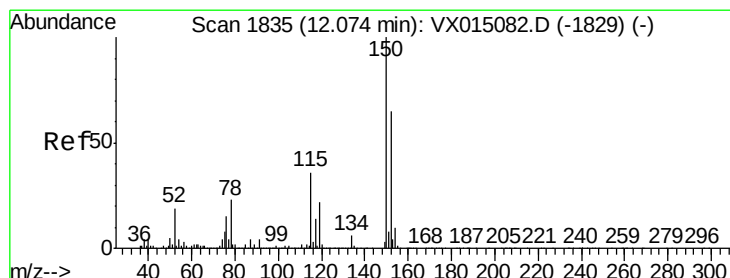
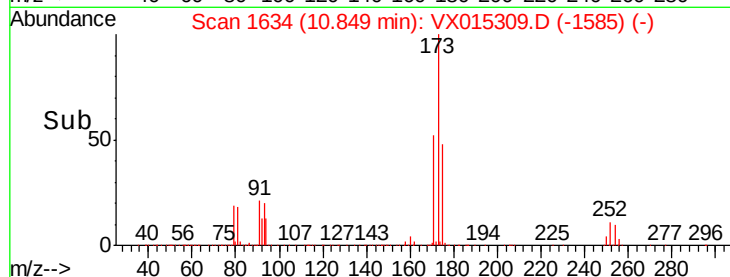
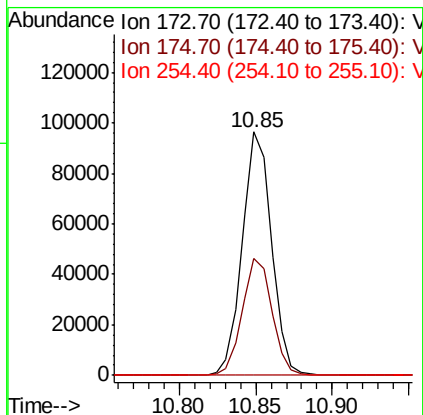
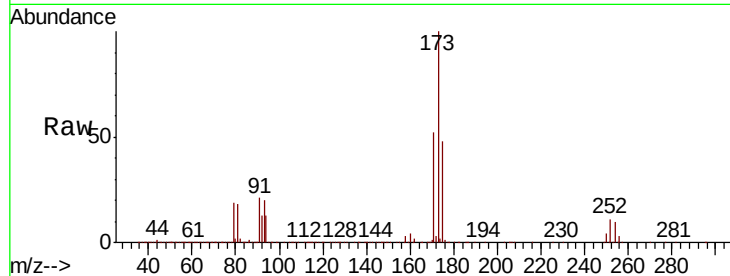




#71
Bromoform
Concen: 50.228 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

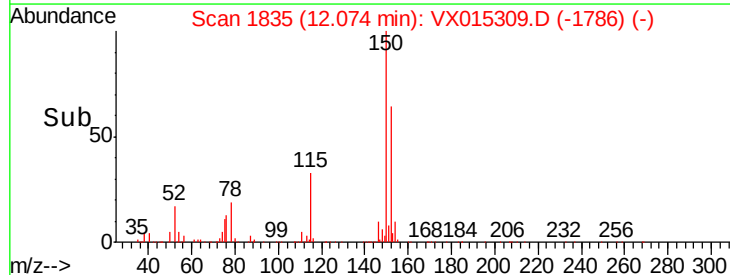
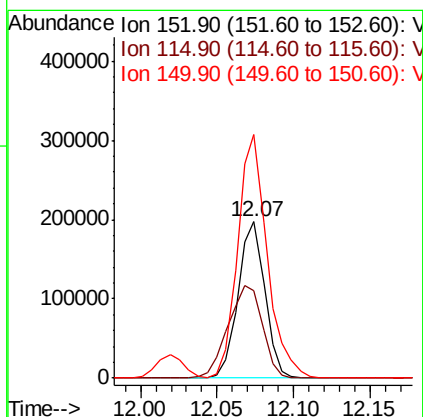
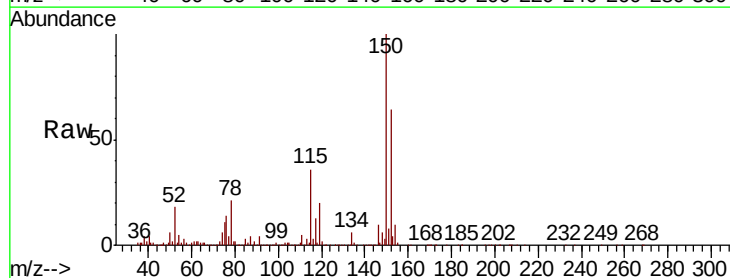
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

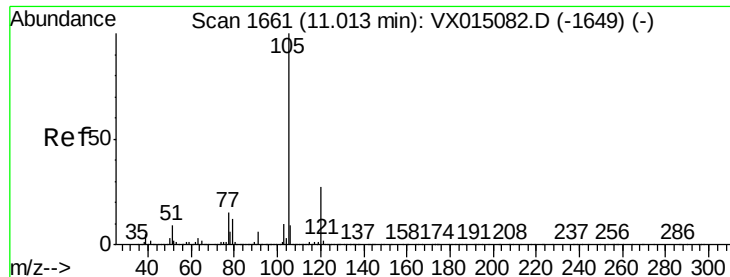
Tot Ion:173 Resp: 128106
Ion Ratio Lower Upper
173 100
175 48.9 24.9 74.7
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion:152 Resp: 238513
Ion Ratio Lower Upper
152 100
115 76.0 38.2 114.6
150 171.1 0.0 343.8





#73

Isopropylbenzene

Concen: 50.104 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

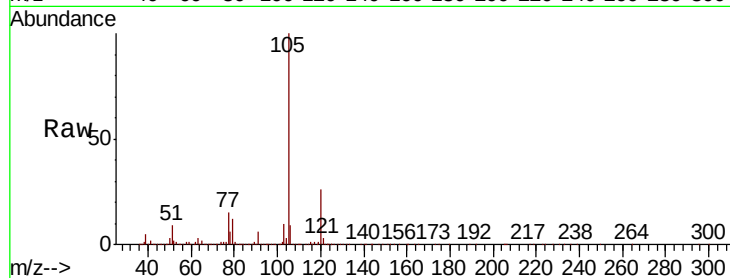
VSTDCCC050

Tot Ion:105 Resp: 763410

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

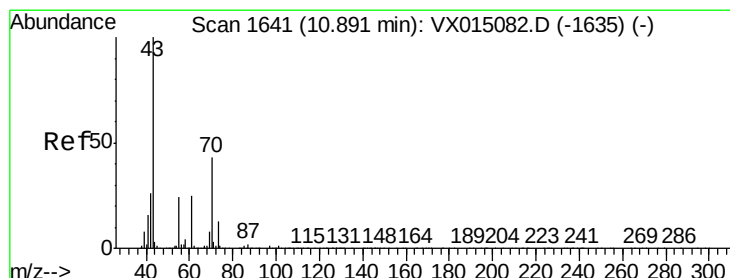
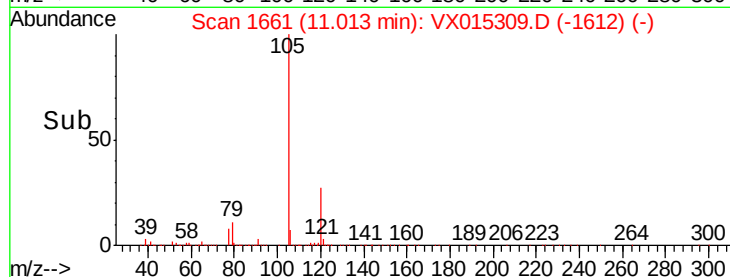
0

11.01

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 48.613 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Tgt Ion: 43 Resp: 312150

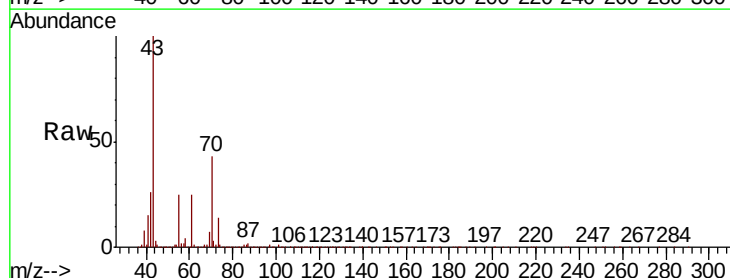
Ion Ratio Lower Upper

43 100

70 43.0 34.7 52.1

55 25.3 19.4 29.0

61 24.8 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

400000

300000

200000

100000

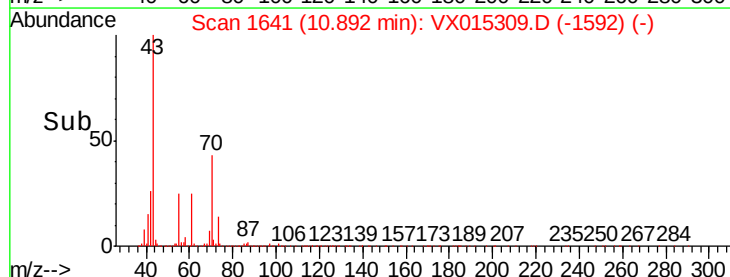
0

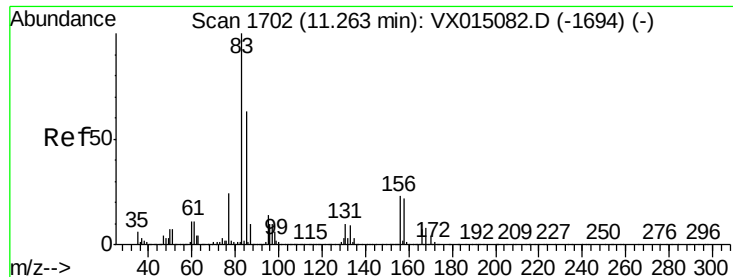
10.89

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.638 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

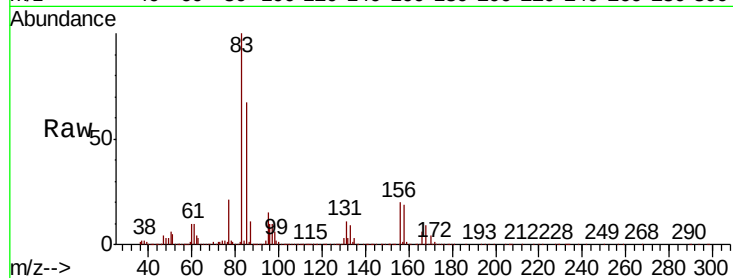
Tot Ion: 83 Resp: 231739

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

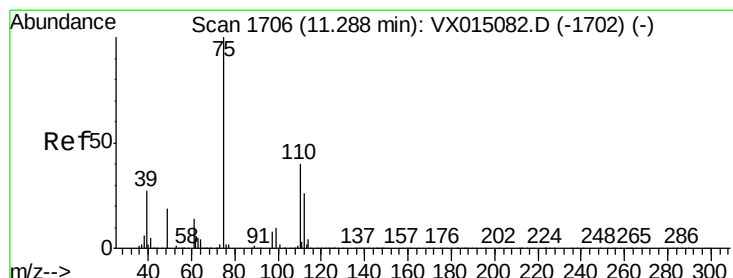
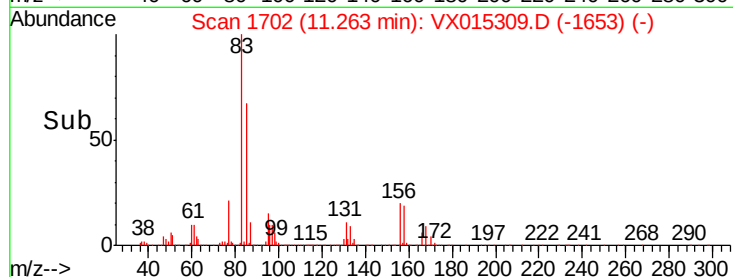
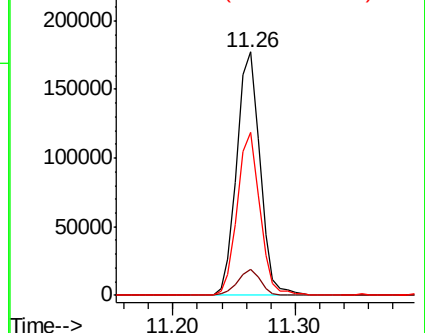
85 65.2 31.9 95.9



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: 56.889 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015309.D

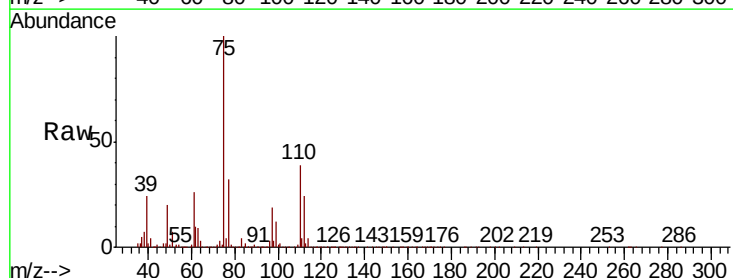
Acq: 17 Mar 2020 08:44

Tgt Ion: 75 Resp: 270657

Ion Ratio Lower Upper

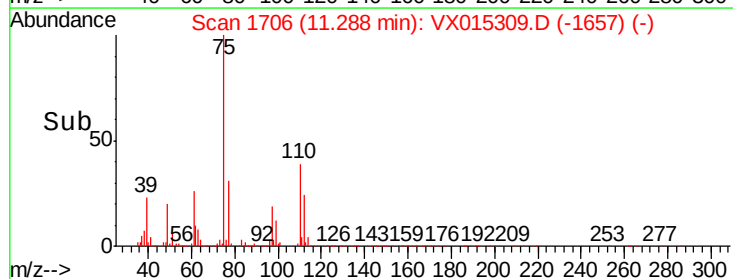
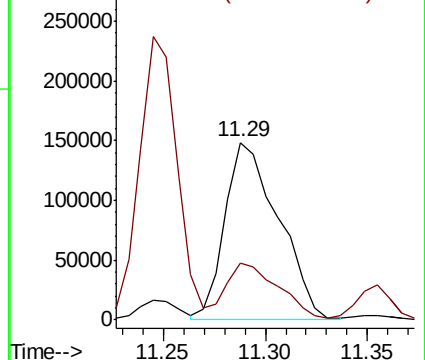
75 100

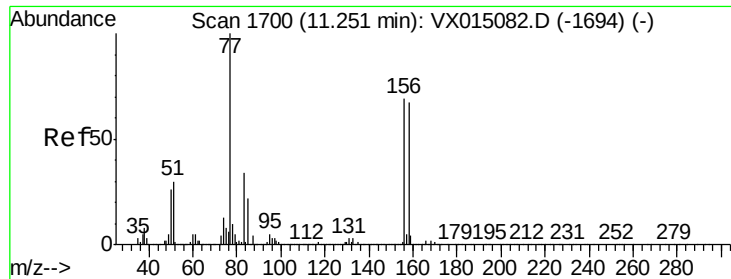
77 31.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.285 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

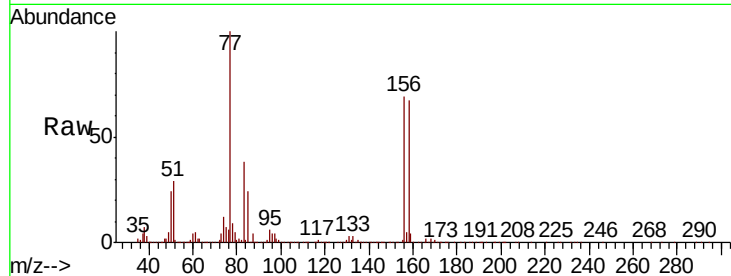
Tot Ion:156 Resp: 196533

Ion Ratio Lower Upper

156 100

77 154.0 75.3 225.9

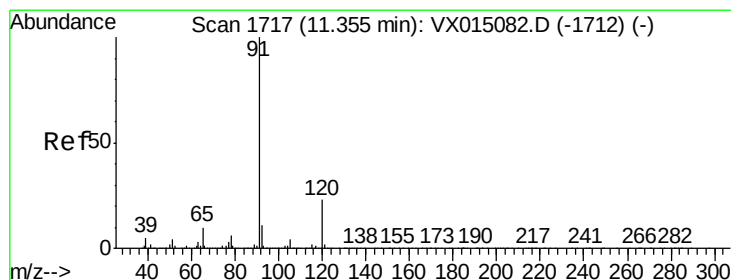
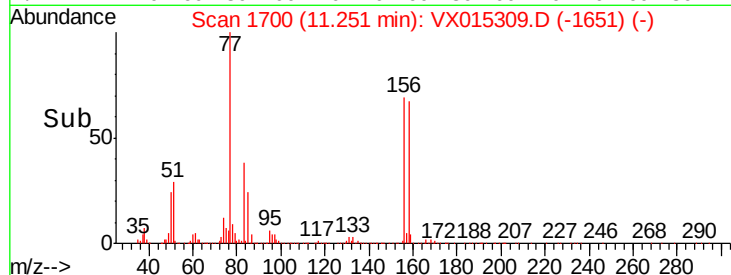
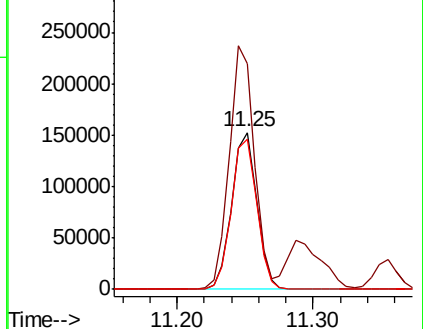
158 97.5 48.5 145.6



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: 51.684 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015309.D

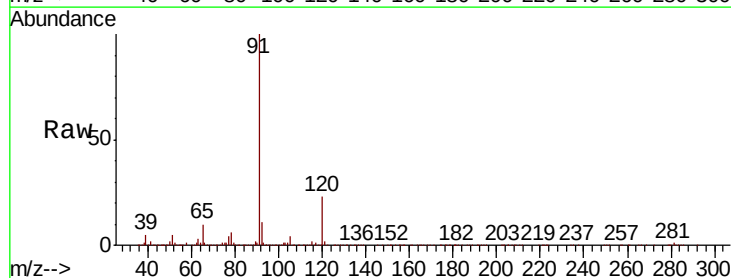
Acq: 17 Mar 2020 08:44

Tgt Ion: 91 Resp: 899664

Ion Ratio Lower Upper

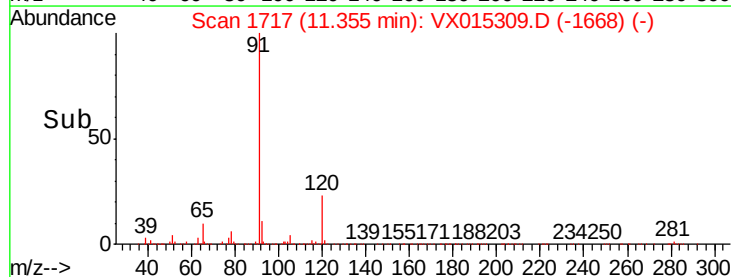
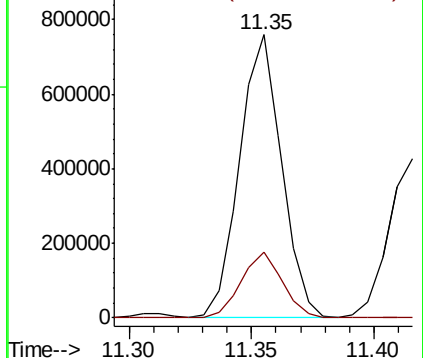
91 100

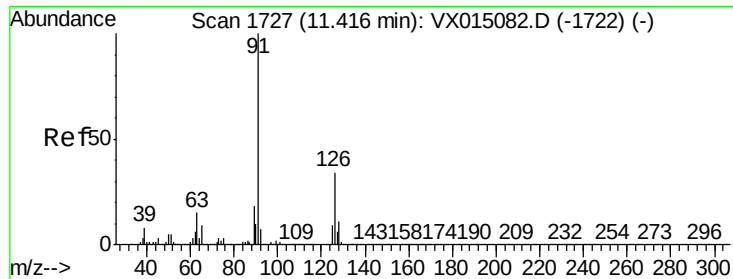
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.686 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

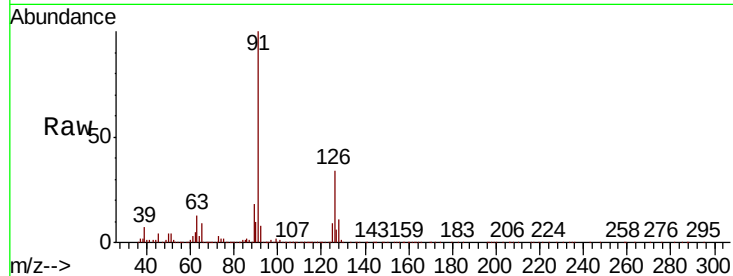
VSTDCCC050

Tot Ion: 91 Resp: 516510

Ion Ratio Lower Upper

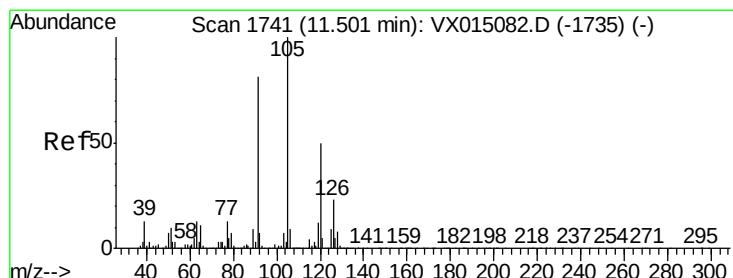
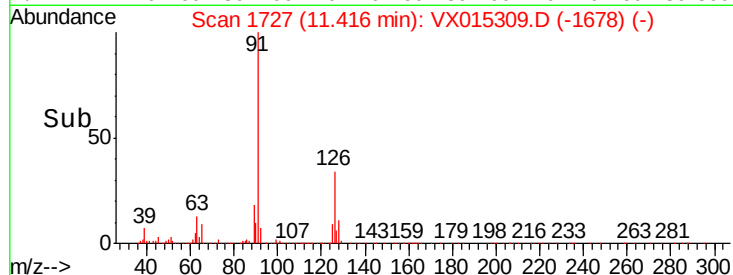
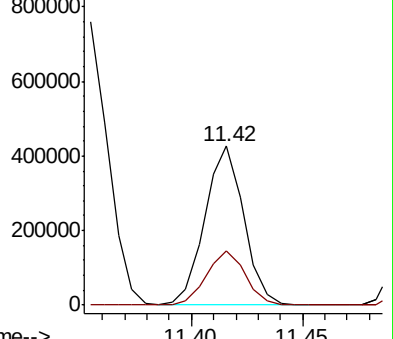
91 100

126 34.3 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX015082.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.692 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015309.D

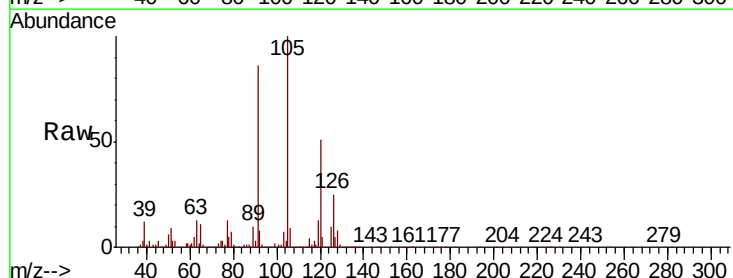
Acq: 17 Mar 2020 08:44

Tgt Ion: 105 Resp: 642960

Ion Ratio Lower Upper

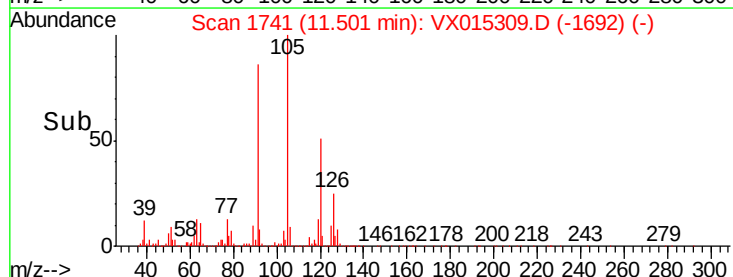
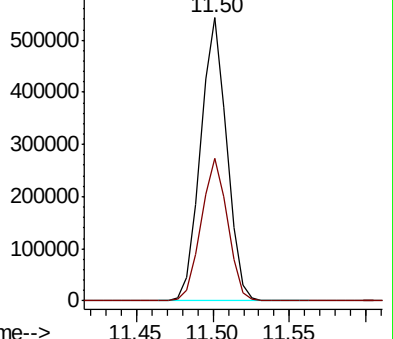
105 100

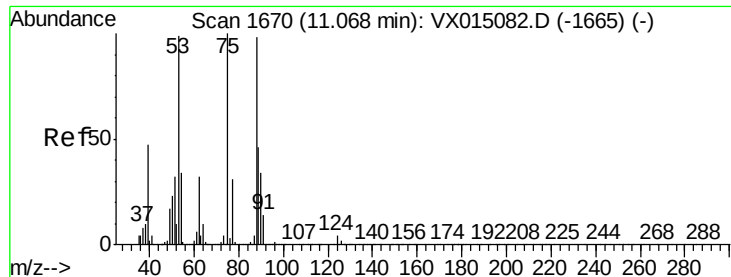
120 50.6 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VX015082.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX015082.D (-1735) (-)

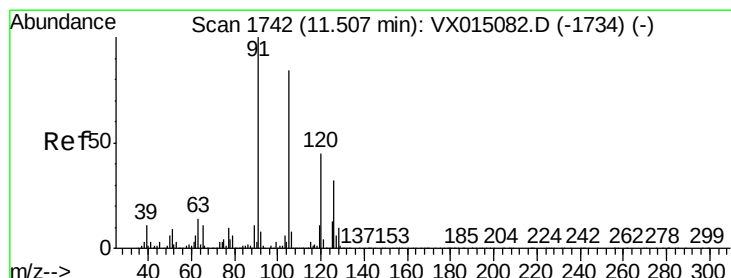
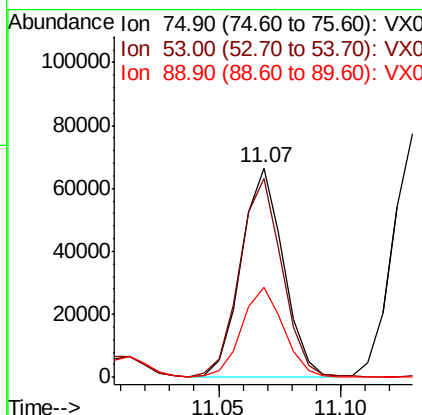
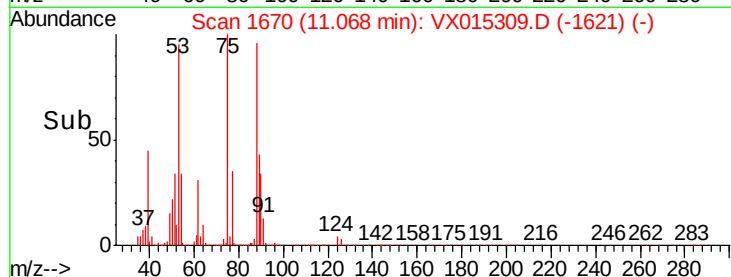
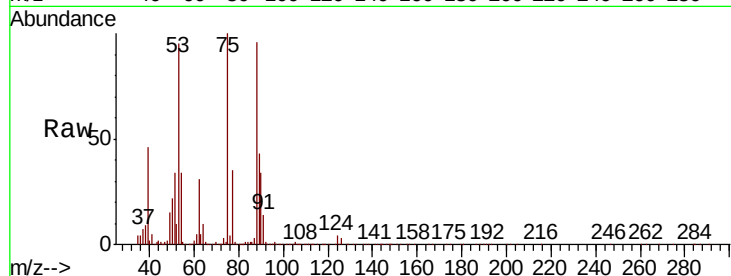




#81
trans-1,4-Dichloro-2-butene
Concen: 46.777 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

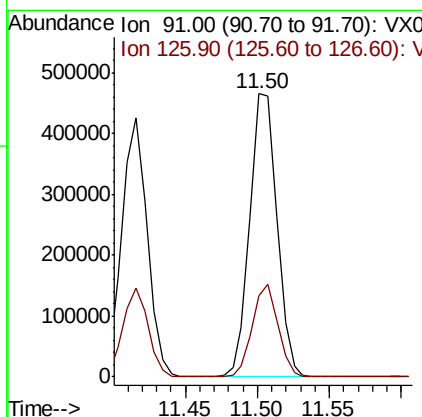
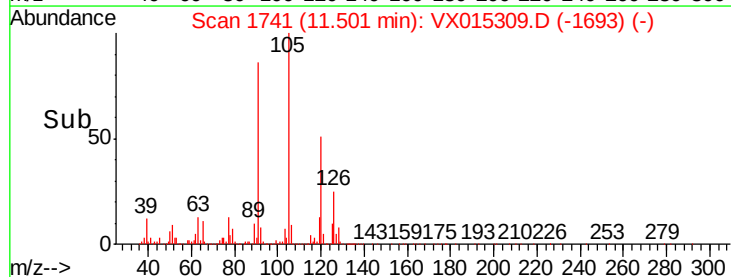
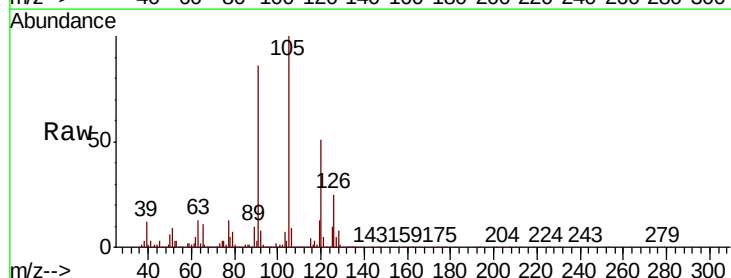
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

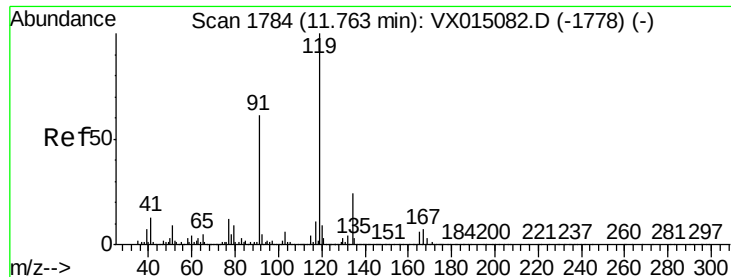
Tot Ion: 75 Resp: 78417
Ion Ratio Lower Upper
75 100
53 96.6 77.9 116.9
89 43.8 36.2 54.2



#82
4-Chlorotoluene
Concen: 49.458 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion: 91 Resp: 607423
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2

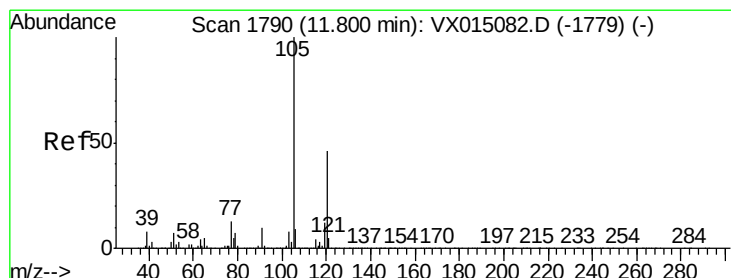
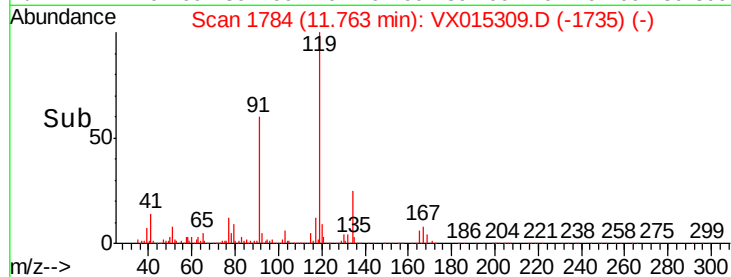
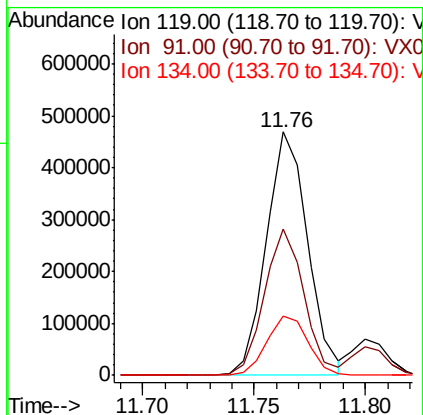
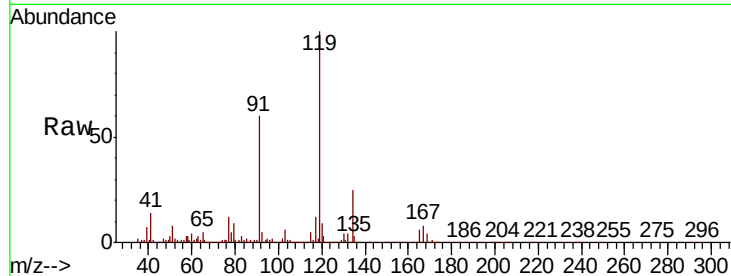




#83
tert-Butylbenzene
Concen: 49.273 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

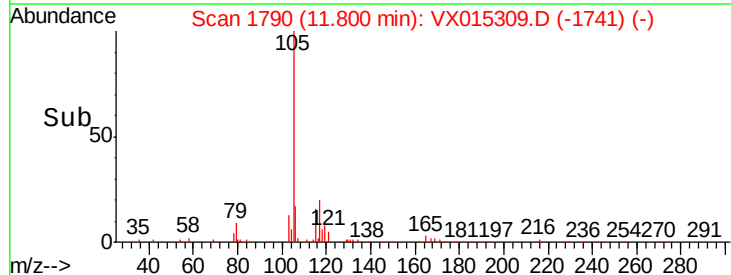
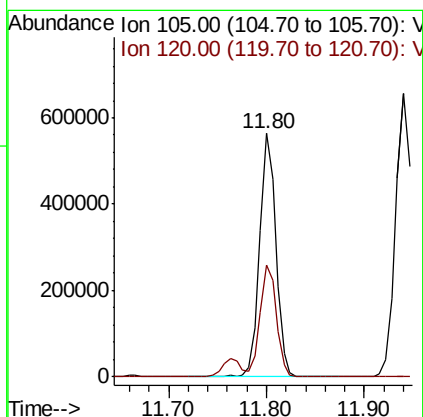
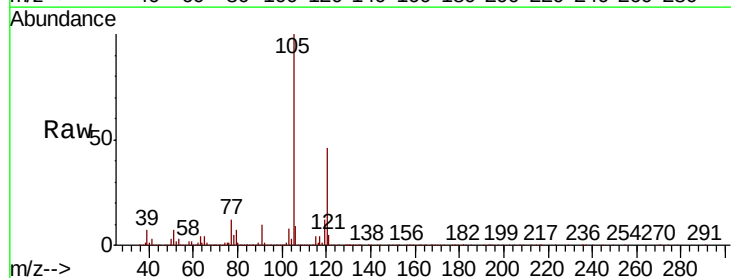
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

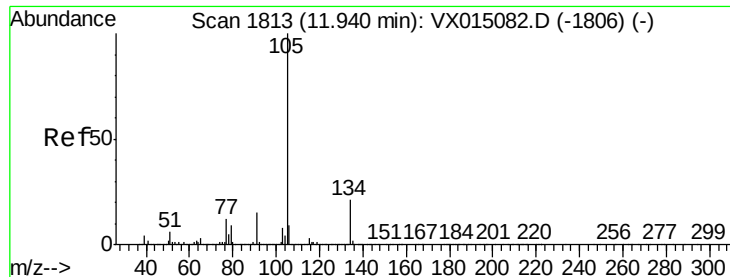
Tot Ion:119 Resp: 604289
Ion Ratio Lower Upper
119 100
91 57.7 28.5 85.6
134 24.4 11.9 35.7



#84
1,2,4-Trimethylbenzene
Concen: 51.217 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion:105 Resp: 652616
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 51.549 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

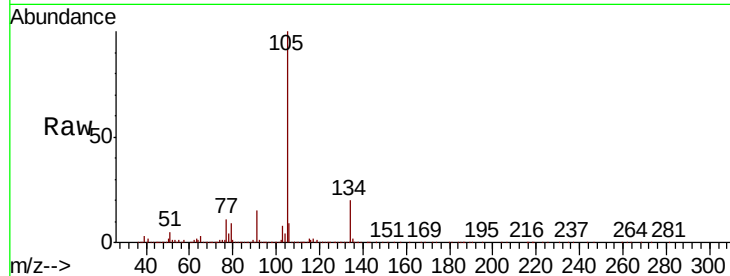
VSTDCCC050

Tot Ion:105 Resp: 763189

Ion Ratio Lower Upper

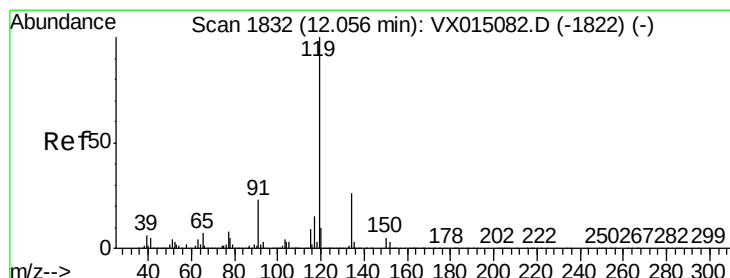
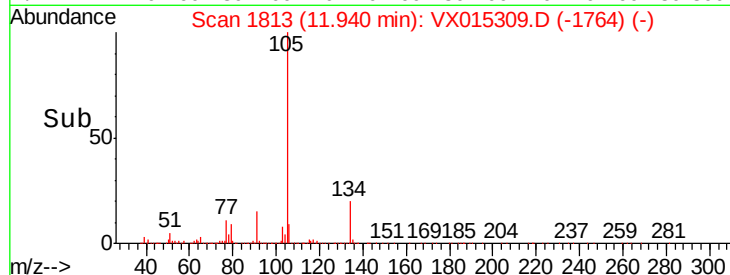
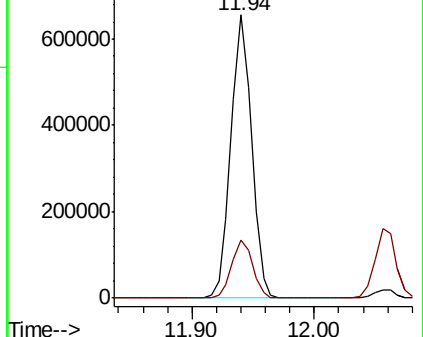
105 100

134 20.7 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: 51.981 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

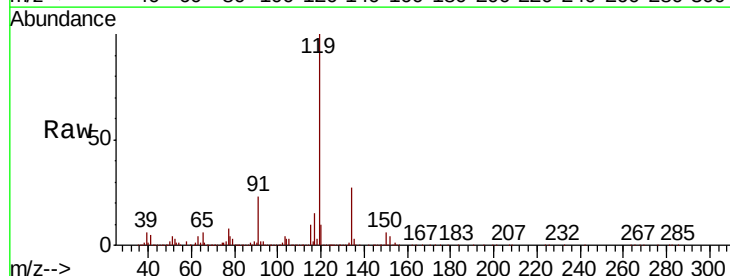
Tgt Ion:119 Resp: 709029

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

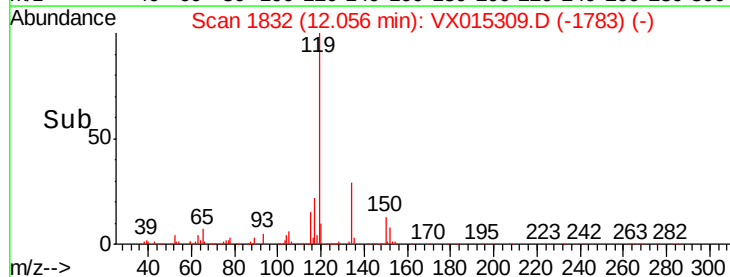
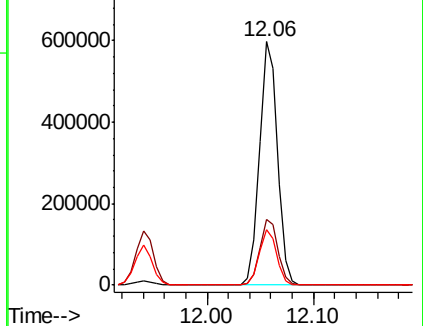
91 22.2 11.3 33.8

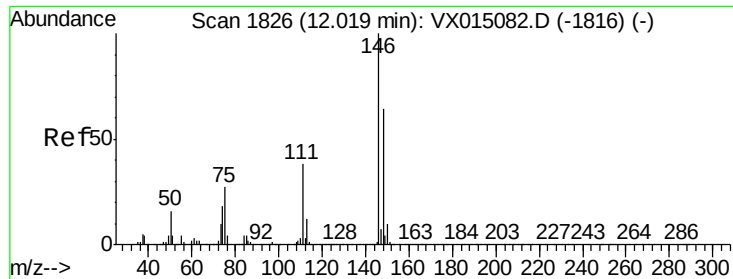


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.758 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

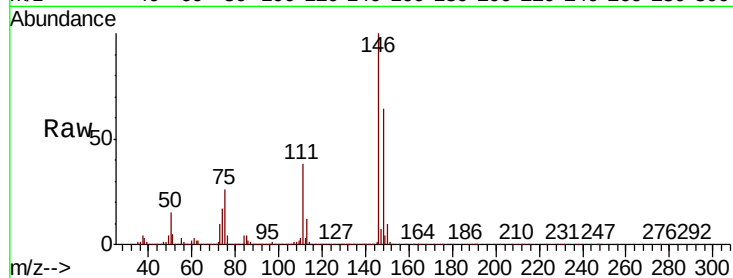
Tot Ion:146 Resp: 363957

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

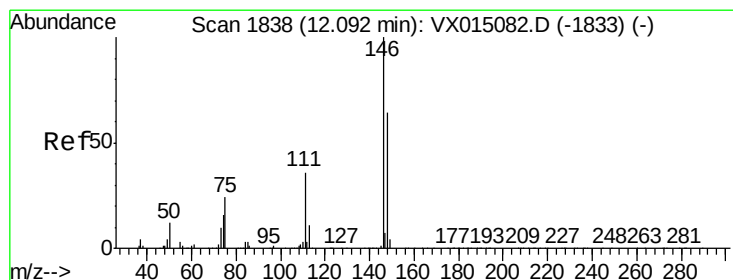
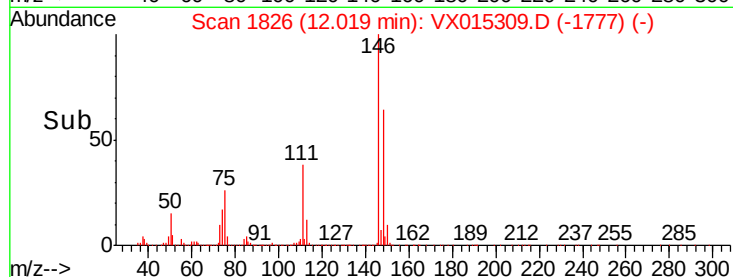
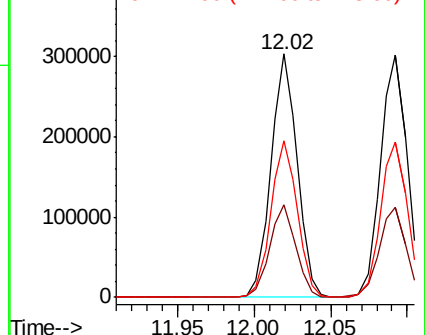
148 64.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.504 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

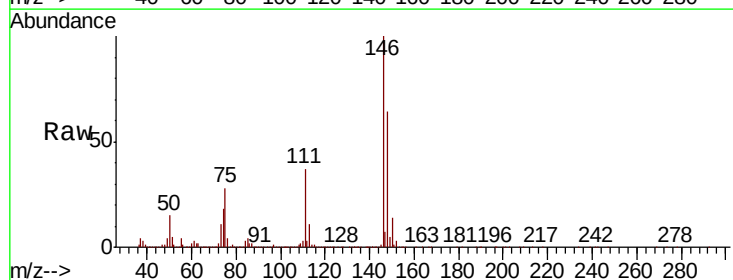
Tgt Ion:146 Resp: 366092

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

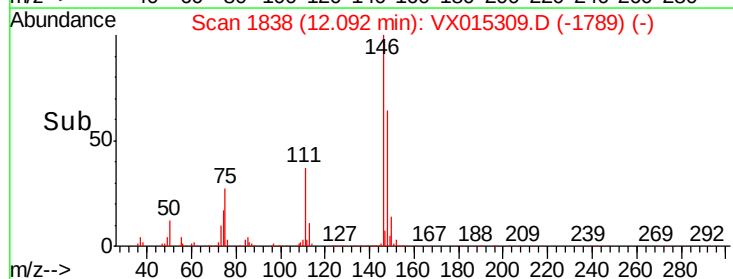
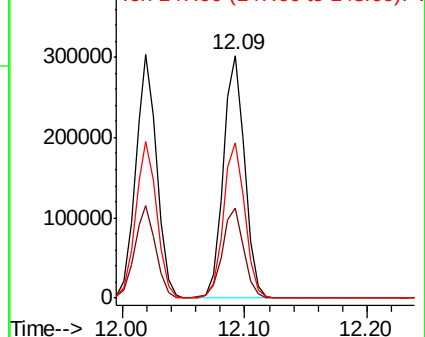
148 64.2 32.5 97.4

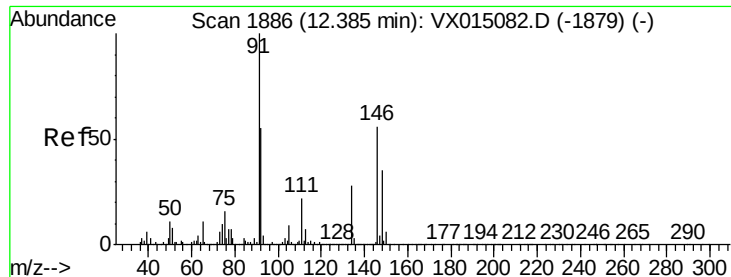


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.641 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015309.D

Acq: 17 Mar 2020 08:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

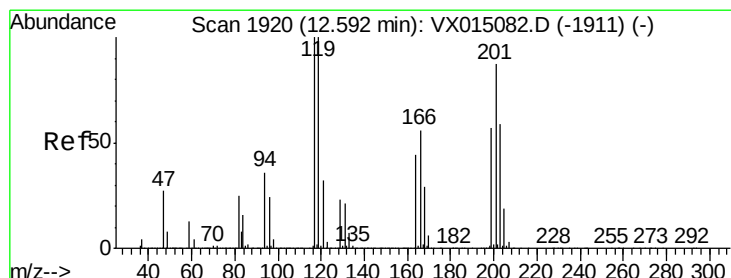
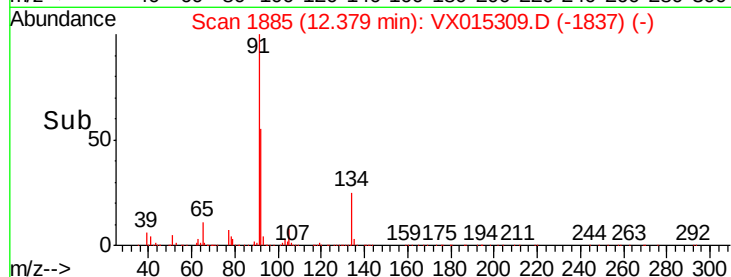
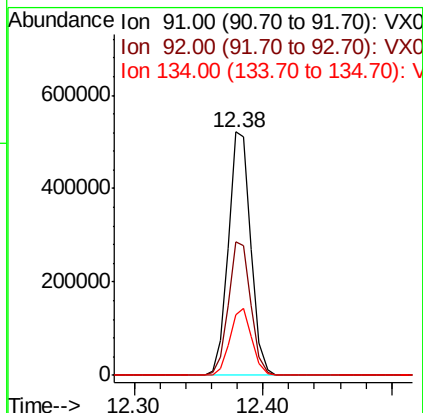
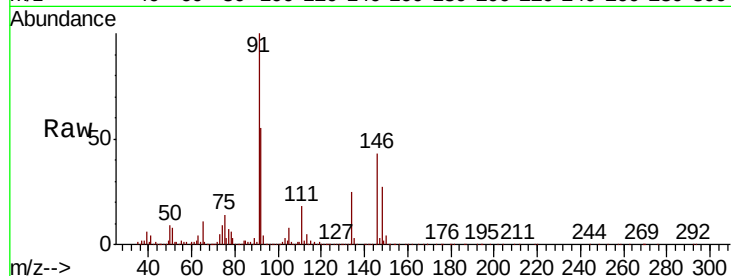
Tot Ion: 91 Resp: 638619

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

134 26.9 13.5 40.5



#90

Hexachloroethane

Concen: 47.753 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015309.D

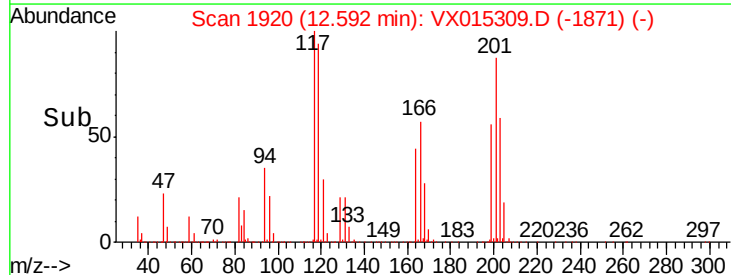
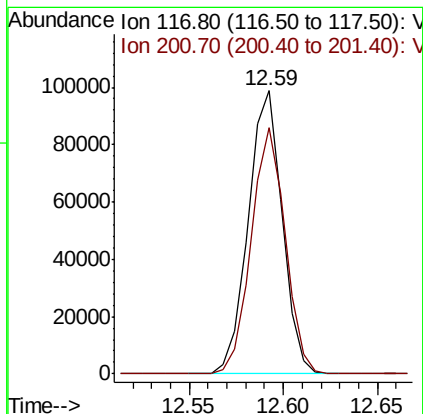
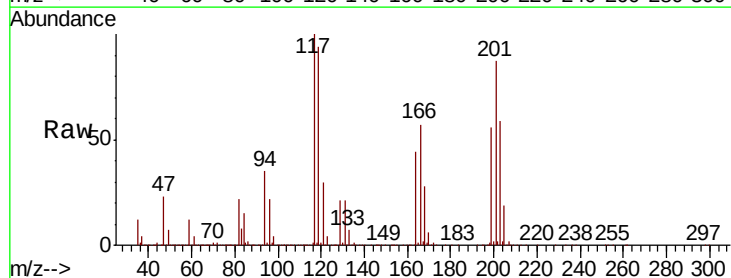
Acq: 17 Mar 2020 08:44

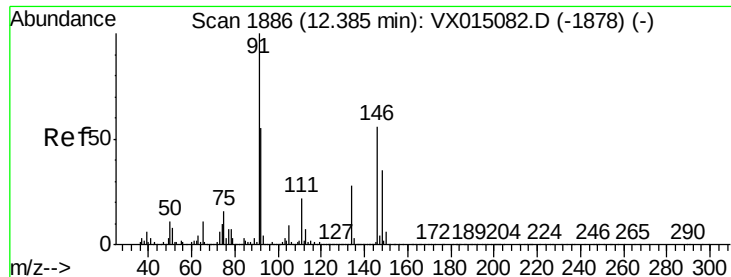
Tgt Ion: 117 Resp: 123142

Ion Ratio Lower Upper

117 100

201 87.0 43.5 130.7

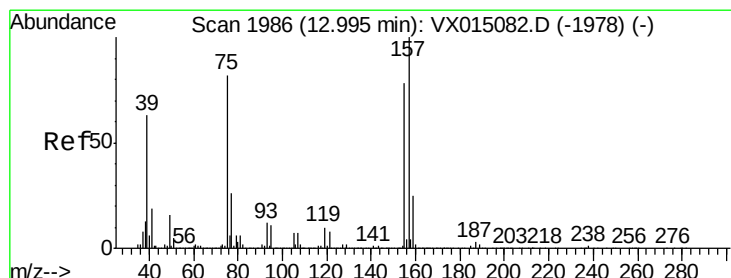
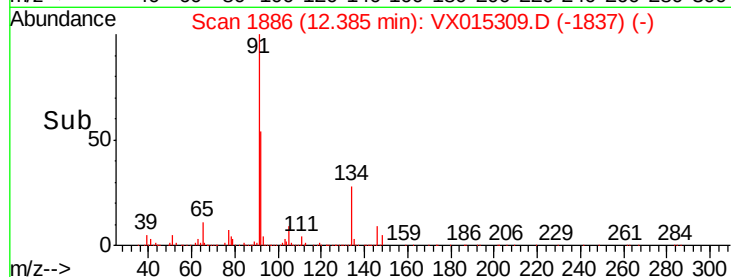
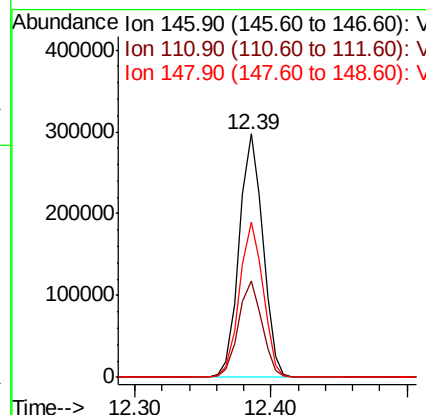
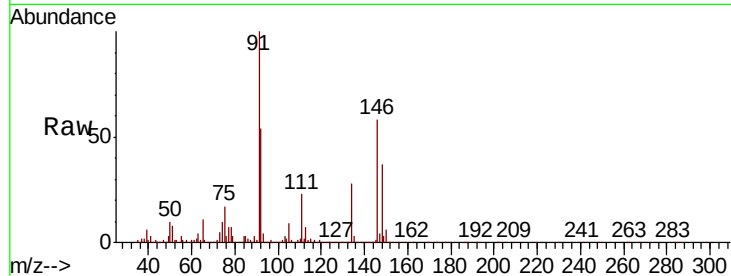




#91
 1,2-Dichlorobenzene
 Concen: 48.685 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

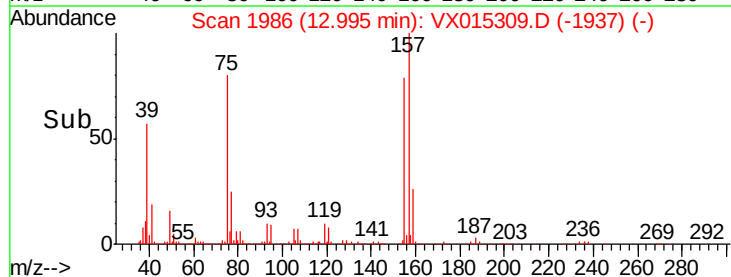
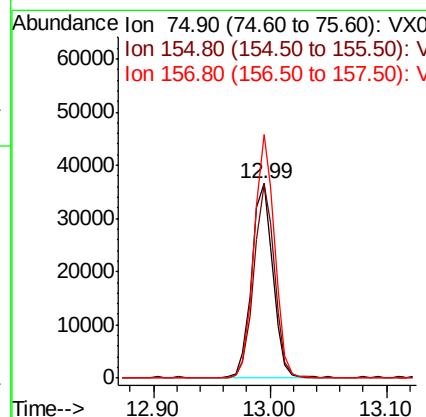
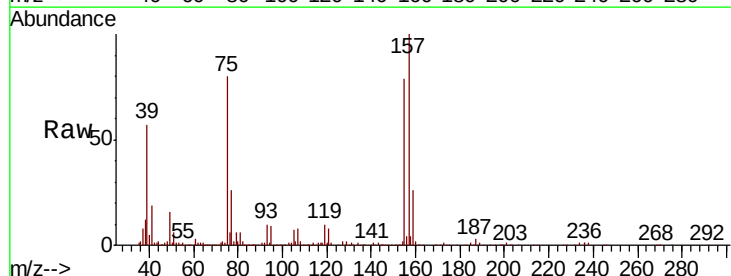
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

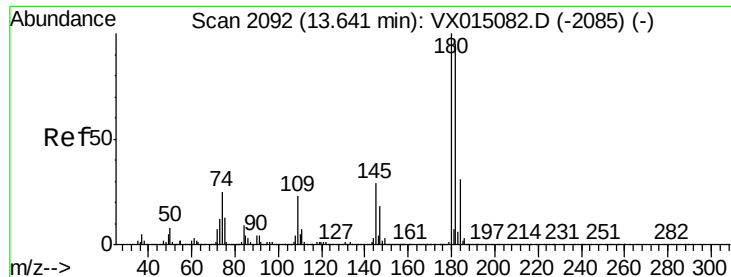
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.7
148	63.7	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.599 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	46.6	139.7
157	121.7	59.2	177.5

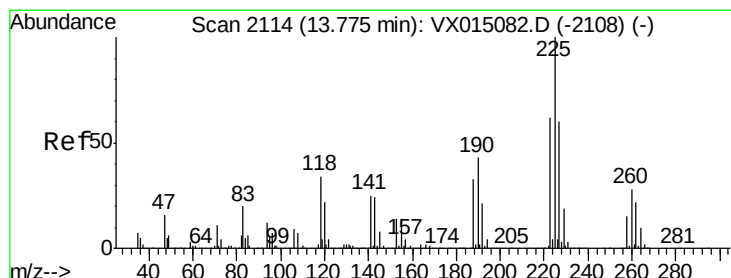
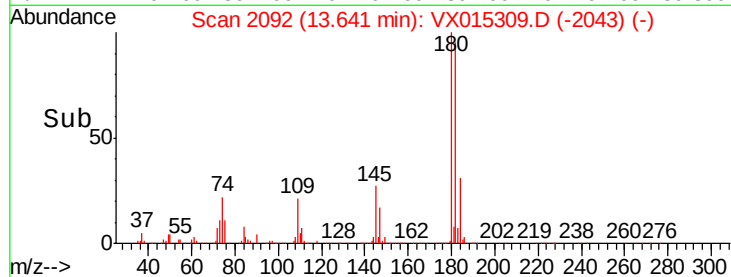
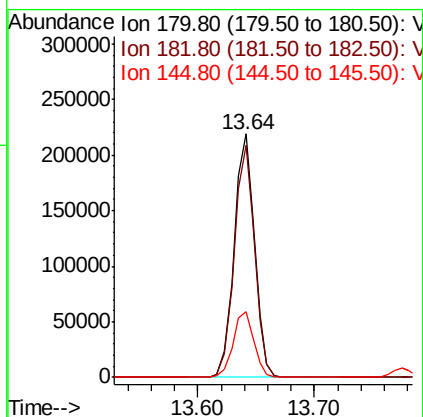
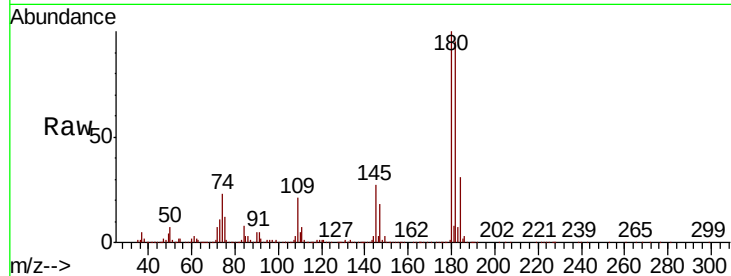




#93
 1,2,4-Trichlorobenzene
 Concen: 51.966 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

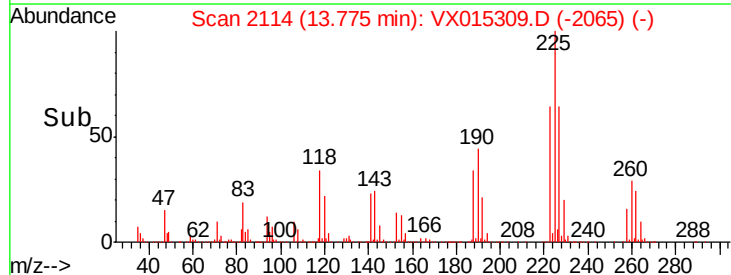
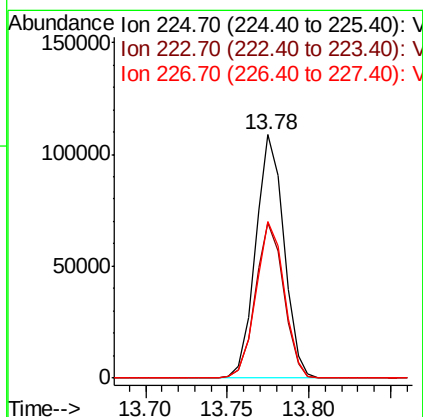
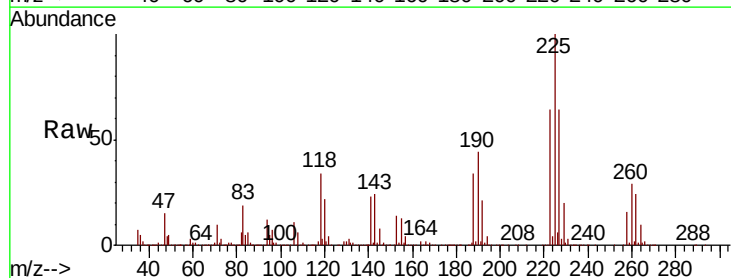
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

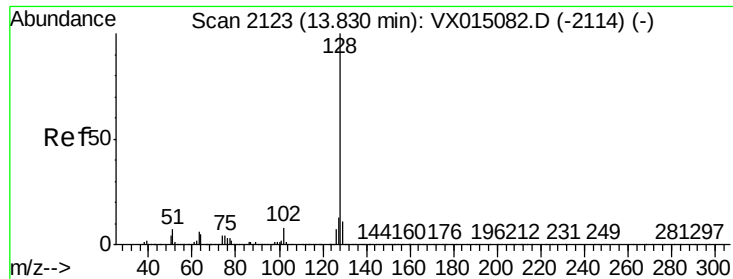
Tot Ion:180 Resp: 267702
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.8
 145 27.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 49.757 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015309.D
 Acq: 17 Mar 2020 08:44

Tgt Ion:225 Resp: 131529
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.3 93.9
 227 64.7 31.1 93.2

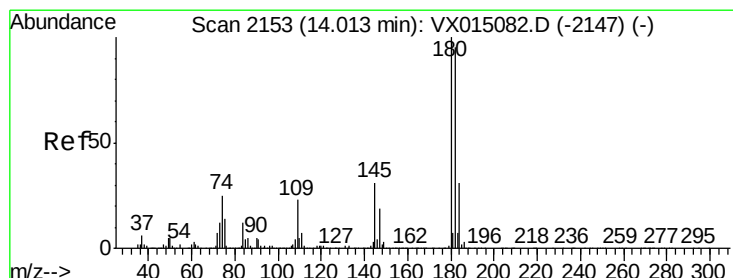
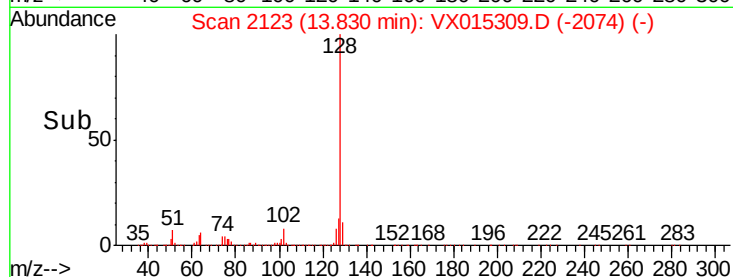
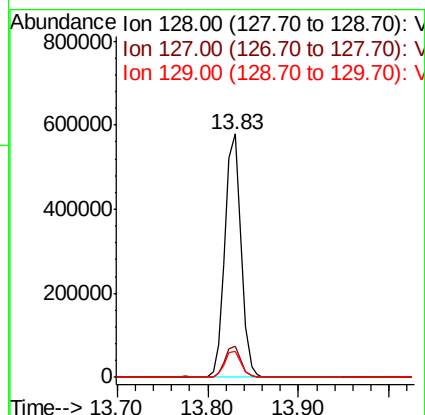
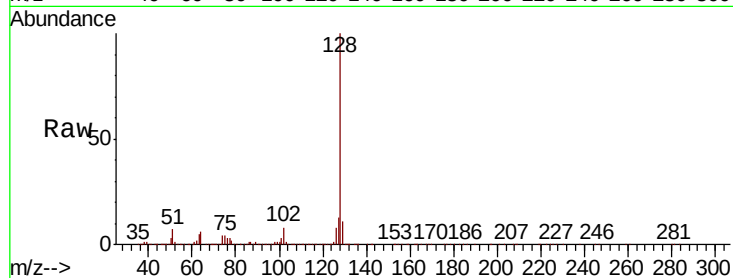




#95
Naphthalene
Concen: 45.734 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 720068
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.361 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015309.D
Acq: 17 Mar 2020 08:44

Tgt Ion:180 Resp: 269124
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.4
145 29.4 15.1 45.3

