

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014006.D
 Acq On : 13 Dec 2019 14:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 02:41:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:10:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	593263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	885090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	812682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	430389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	309349	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	5.48	113	263771	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	8.71	98	973094	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.13	95	376878	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	264219	49.782	ug/l	100
3) Chloromethane	1.31	50	294880	41.400	ug/l	100
4) Vinyl Chloride	1.40	62	348664	46.391	ug/l	100
5) Bromomethane	1.62	94	264704	49.623	ug/l	98
6) Chloroethane	1.70	64	191791	41.346	ug/l	92
7) Trichlorofluoromethane	1.91	101	392823	42.222	ug/l	98
8) Diethyl Ether	2.18	74	183931	42.123	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	251652	44.871	ug/l	99
10) Methyl Iodide	2.50	142	307081	41.964	ug/l	99
11) Tert butyl alcohol	3.05	59	339431	233.629	ug/l	97
12) 1,1-Dichloroethene	2.36	96	239852	42.029	ug/l	95
13) Acrolein	2.28	56	363711	437.329	ug/l	97
14) Allyl chloride	2.72	41	456010	44.753	ug/l	100
15) Acrylonitrile	3.13	53	775497	228.687	ug/l	100
16) Acetone	2.44	43	830227	190.192	ug/l	98
17) Carbon Disulfide	2.56	76	582929	36.992	ug/l	100
18) Methyl Acetate	2.76	43	450336	52.063	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	860063	45.863	ug/l	98
20) Methylene Chloride	2.84	84	287485	41.822	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	259613	41.293	ug/l	98
22) Diisopropyl ether	3.84	45	935205	46.058	ug/l	93
23) Vinyl Acetate	3.80	43	3768104	227.407	ug/l	99
24) 1,1-Dichloroethane	3.69	63	493076	43.647	ug/l	99
25) 2-Butanone	4.66	43	1156613	214.913	ug/l	100
26) 2,2-Dichloropropane	4.57	77	411545	46.921	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	310669	43.692	ug/l	99
28) Bromochloromethane	5.00	49	211509	48.695	ug/l	98
29) Tetrahydrofuran	5.11	42	683588	227.093	ug/l	99
30) Chloroform	5.20	83	486971	45.473	ug/l	99
31) Cyclohexane	5.56	56	425716	42.371	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	409223	44.836	ug/l	99
36) 1,1-Dichloropropene	5.79	75	356966	43.955	ug/l	99
37) Ethyl Acetate	4.81	43	412682	46.017	ug/l	100
38) Carbon Tetrachloride	5.77	117	341956	46.221	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	438976	43.776	ug/l	98
40) Benzene	6.13	78	1108112	44.346	ug/l	99
41) Methacrylonitrile	5.03	41	240774	48.388	ug/l	99
42) 1,2-Dichloroethane	6.18	62	386449	45.624	ug/l	99
43) Isopropyl Acetate	6.43	43	690674	46.536	ug/l	100
44) Trichloroethene	7.20	130	299341	43.371	ug/l	95
45) 1,2-Dichloropropane	7.50	63	295635	46.159	ug/l	98
46) Dibromomethane	7.65	93	186426	44.026	ug/l	99
47) Bromodichloromethane	7.89	83	379727	47.615	ug/l	99
48) Methyl methacrylate	7.76	41	346435	47.668	ug/l	99
49) 1,4-Dioxane	7.73	88	126235	853.530	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2232315	239.496	ug/l	99
52) Toluene	8.78	92	706793	44.750	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	433197	49.539	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	479122	49.181	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	294071	46.456	ug/l	98
56) Ethyl methacrylate	9.17	69	486313	48.907	ug/l	99
57) 1,3-Dichloropropane	9.37	76	499026	46.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1038455	275.964	ug/l	100
59) 2-Hexanone	9.49	43	1758545	234.368	ug/l	100
60) Dibromochloromethane	9.57	129	313347	49.799	ug/l	99
61) 1,2-Dibromoethane	9.67	107	300894	46.458	ug/l	100
64) Tetrachloroethene	9.33	164	272610	37.909	ug/l	95
65) Chlorobenzene	10.14	112	775091	44.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	292112	47.345	ug/l	99
67) Ethyl Benzene	10.25	91	1375899	46.315	ug/l	99
68) m/p-Xylenes	10.36	106	1044598	91.423	ug/l	99
69) o-Xylene	10.70	106	509751	45.489	ug/l	98
70) Styrene	10.71	104	891455	47.044	ug/l	99
71) Bromoform	10.86	173	244139	49.227	ug/l #	99
73) Isopropylbenzene	11.01	105	1356286	44.758	ug/l	99
74) N-amyl acetate	10.89	43	657021	46.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	491406	46.775	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	549449	56.483	ug/l	86
77) Bromobenzene	11.25	156	362878	43.524	ug/l	99
78) n-propylbenzene	11.35	91	1555577	45.766	ug/l	99
79) 2-Chlorotoluene	11.42	91	924469	44.743	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1163274	45.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	160903	48.605	ug/l	99
82) 4-Chlorotoluene	11.51	91	1074408	44.829	ug/l	99
83) tert-Butylbenzene	11.76	119	1184115	47.711	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1170718	45.839	ug/l	100
85) sec-Butylbenzene	11.94	105	1348949	46.041	ug/l	100
86) p-Isopropyltoluene	12.06	119	1262816	47.119	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	648901	44.408	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	652225	43.898	ug/l	100
89) n-Butylbenzene	12.39	91	1103069	48.236	ug/l	99
90) Hexachloroethane	12.59	117	224709	46.679	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	656189	44.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102407	44.049	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Dec 13 17:10:55 2019
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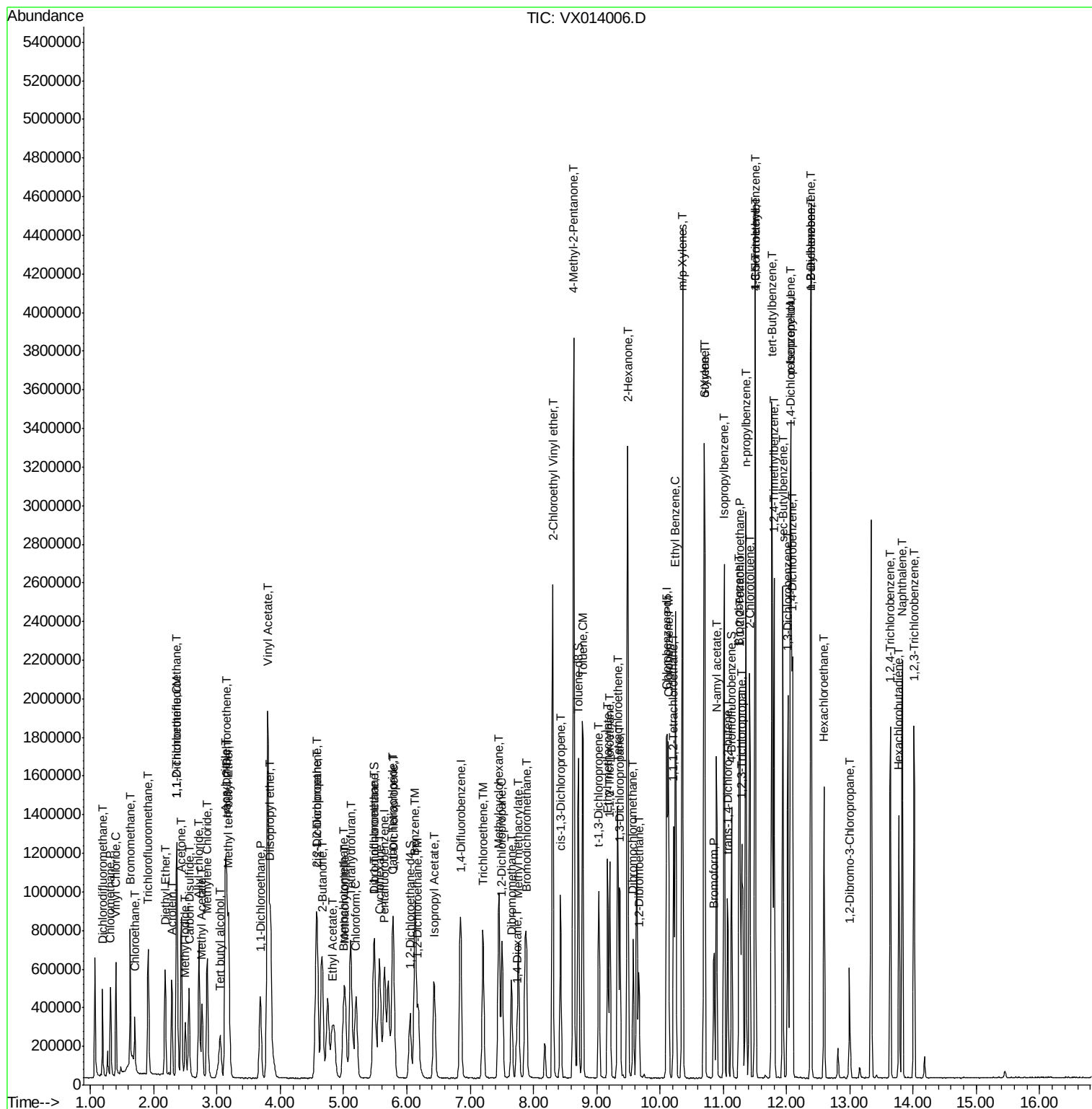
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	455157	47.608	ug/l	98
94) Hexachlorobutadiene	13.78	225	214861	46.762	ug/l	98
95) Naphthalene	13.83	128	1347747	47.981	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	455839	48.300	ug/l	99

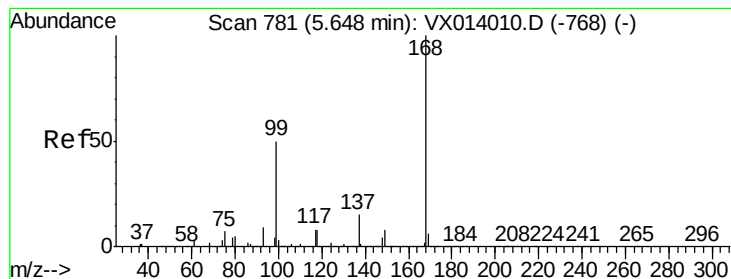
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 13 17:10:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

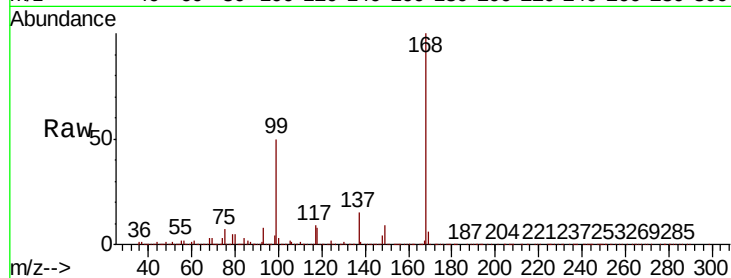
VSTDCCC050

Tot Ion:168 Resp: 593263

Ion Ratio Lower Upper

168 100

99 49.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

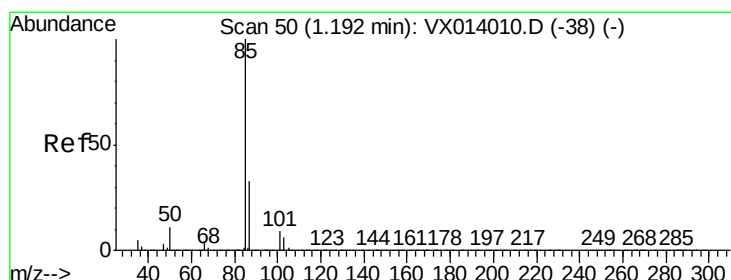
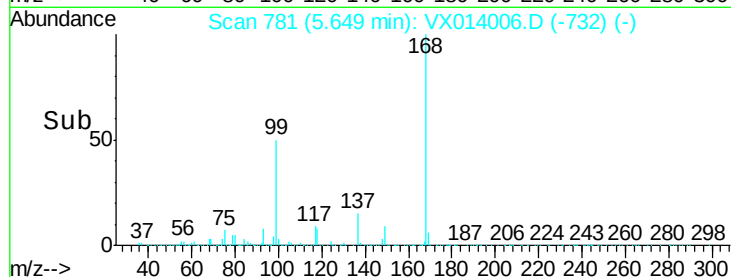
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.782 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX014006.D

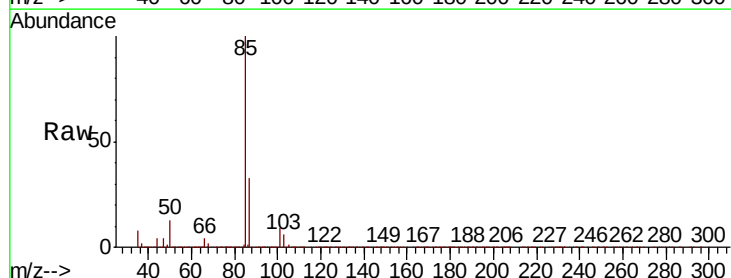
Acq: 13 Dec 2019 14:08

Tgt Ion: 85 Resp: 264219

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

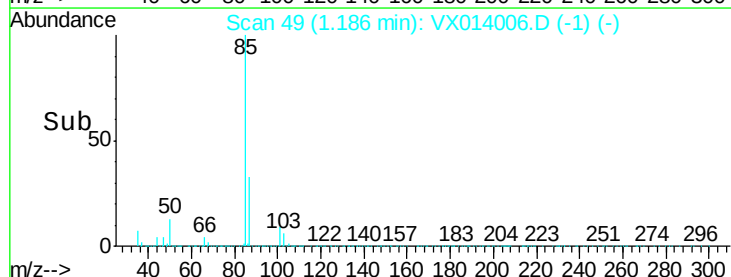
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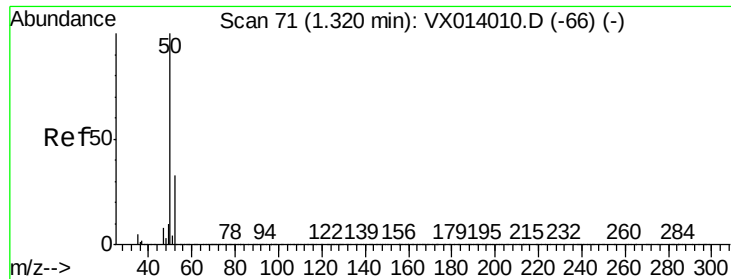
100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.400 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

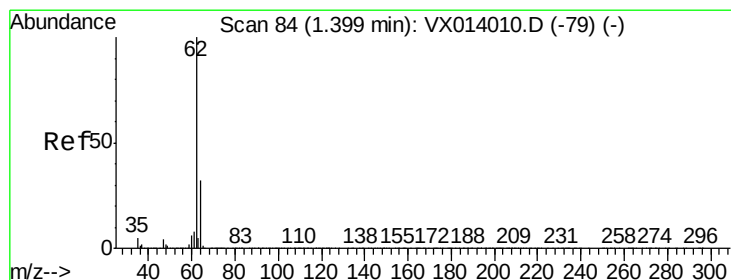
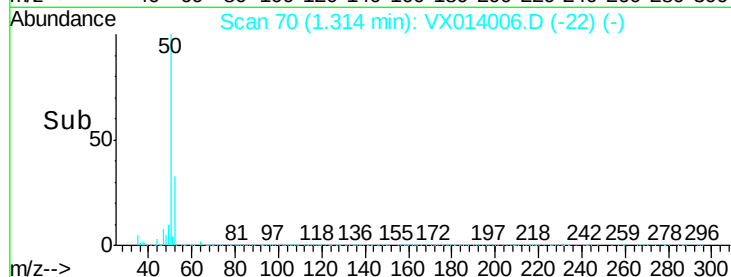
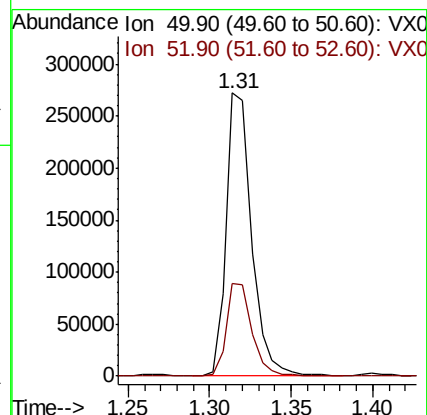
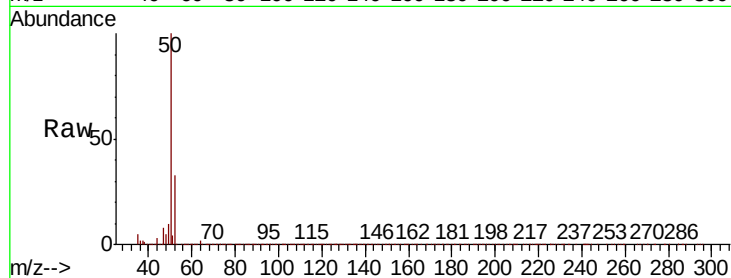
VSTDCCC050

Tot Ion: 50 Resp: 294880

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 46.391 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014006.D

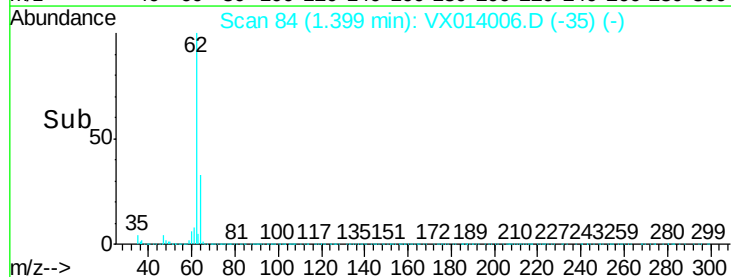
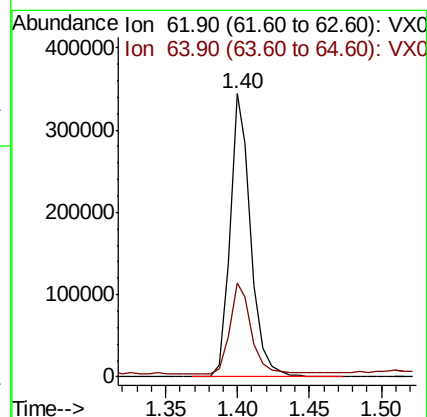
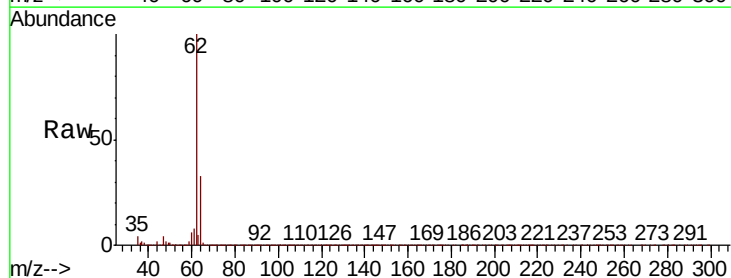
Acq: 13 Dec 2019 14:08

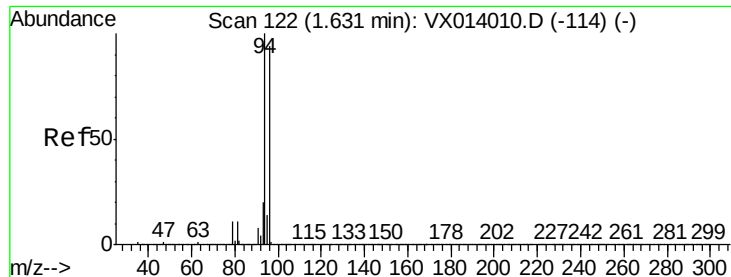
Tgt Ion: 62 Resp: 348664

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 49.623 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

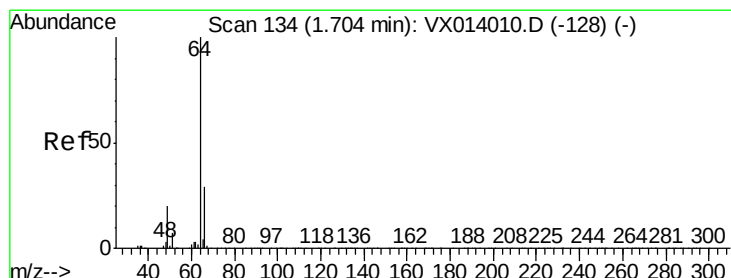
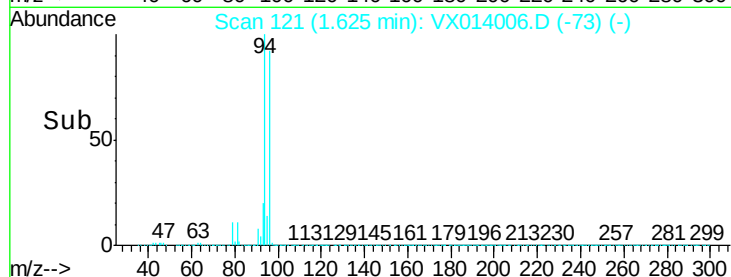
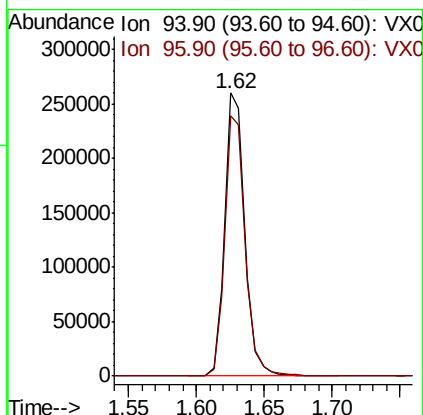
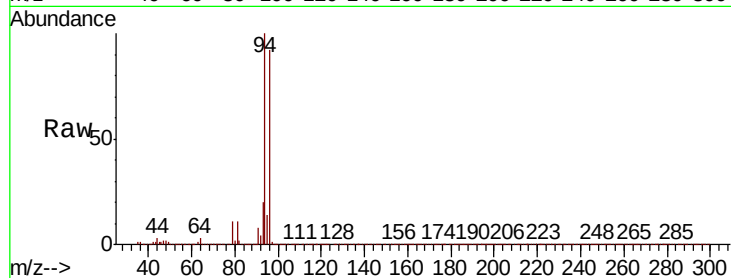
VSTDCCC050

Tot Ion: 94 Resp: 264704

Ion Ratio Lower Upper

94 100

96 92.0 75.2 112.8



#6

Chloroethane

Concen: 41.346 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX014006.D

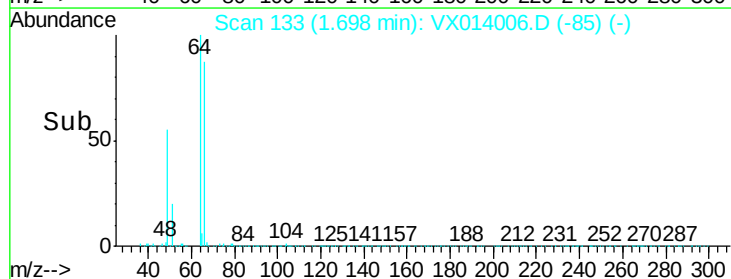
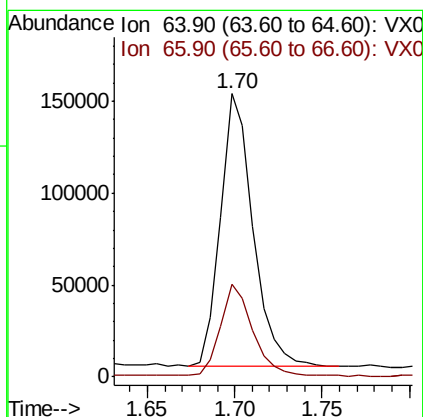
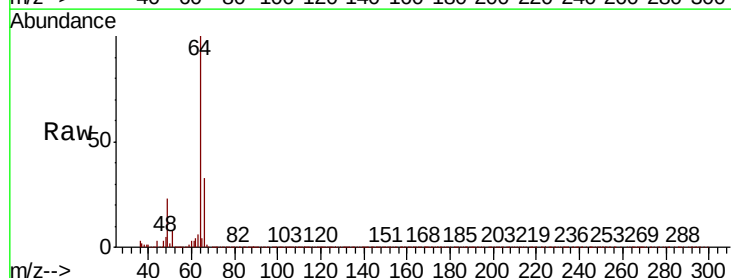
Acq: 13 Dec 2019 14:08

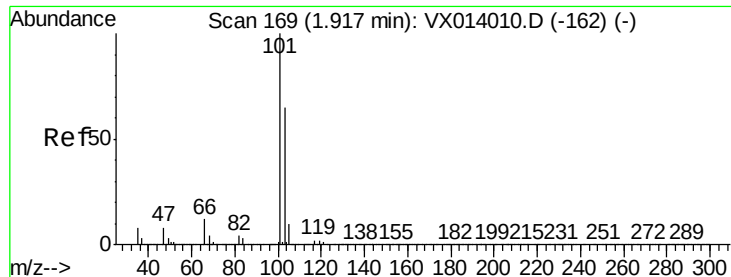
Tgt Ion: 64 Resp: 191791

Ion Ratio Lower Upper

64 100

66 33.4 23.4 35.2



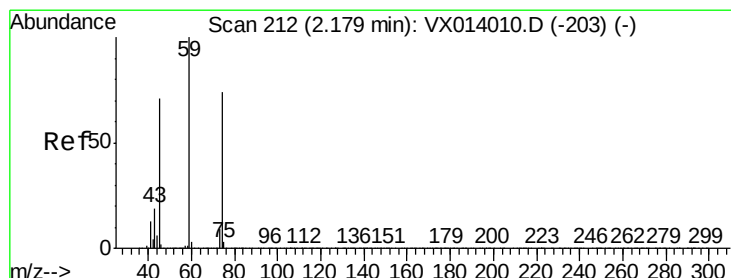
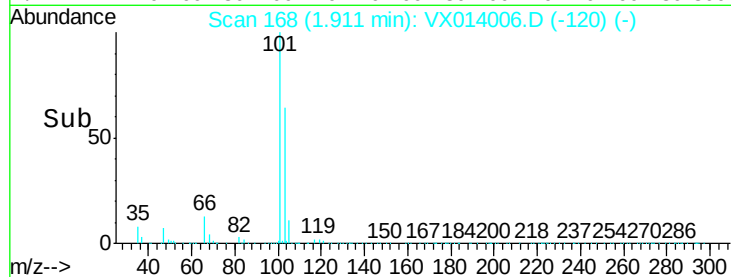
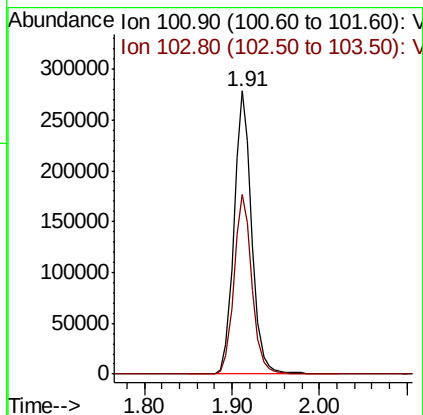
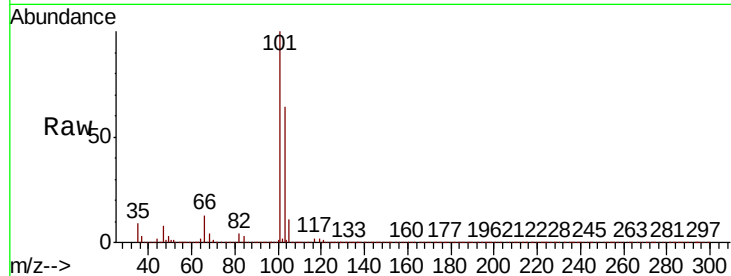


#7

Trichlorofluoromethane
 Concen: 42.222 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

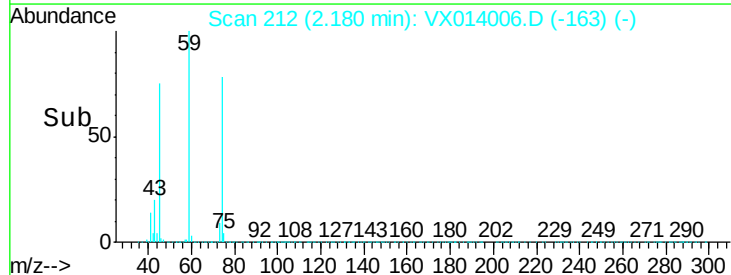
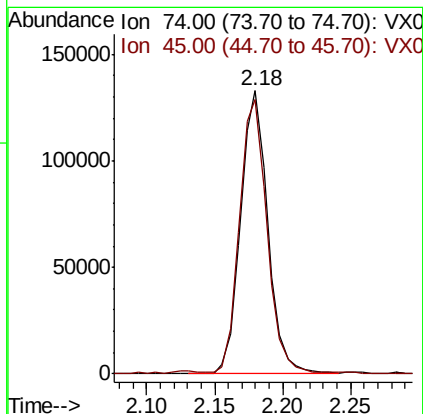
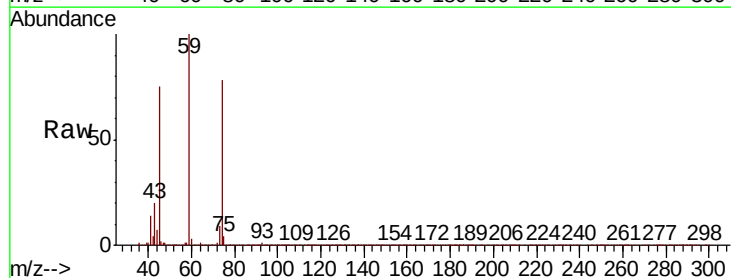
Tot Ion:101 Resp: 392823
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.2 78.4

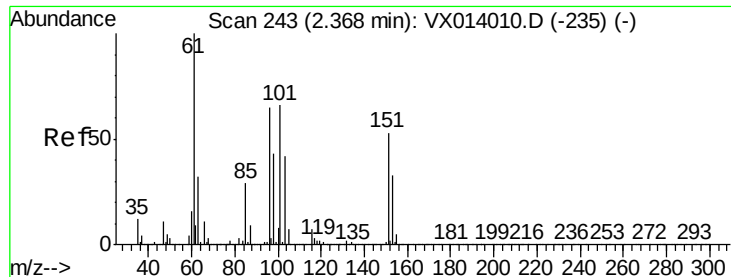


#8

Diethyl Ether
 Concen: 42.123 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Tgt Ion: 74 Resp: 183931
 Ion Ratio Lower Upper
 74 100
 45 98.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.871 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

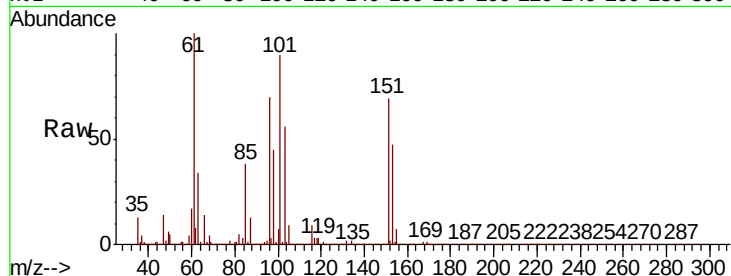
Tot Ion:101 Resp: 251652

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

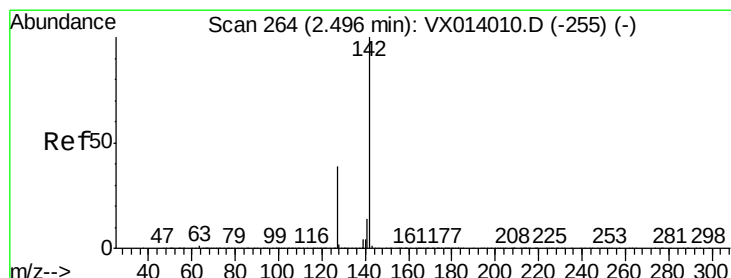
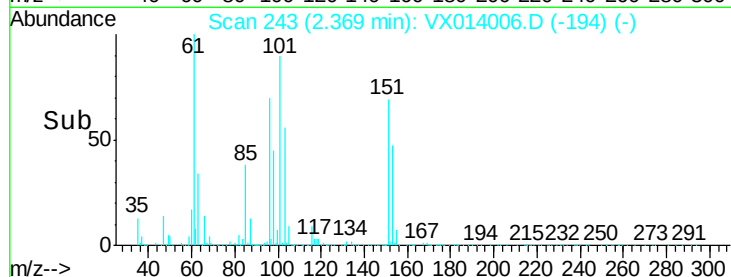
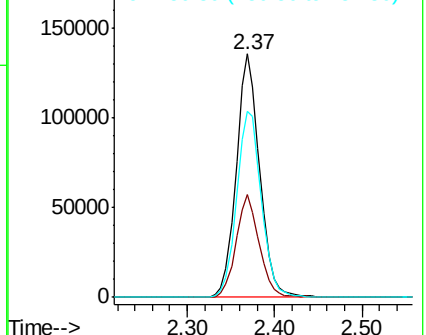
151 81.3 64.5 96.7



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: 41.964 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

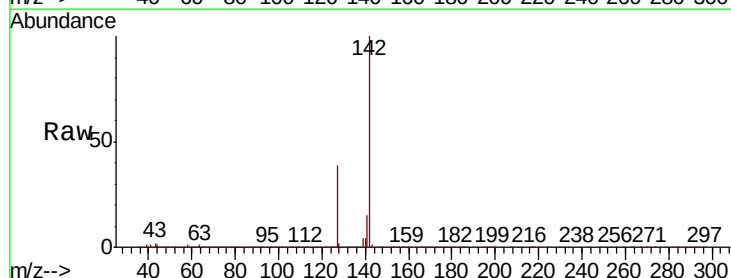
Tgt Ion:142 Resp: 307081

Ion Ratio Lower Upper

142 100

127 38.8 31.6 47.4

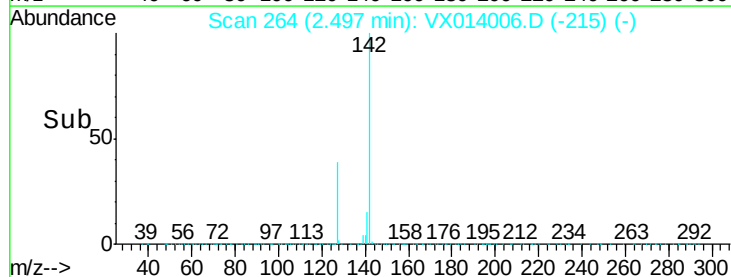
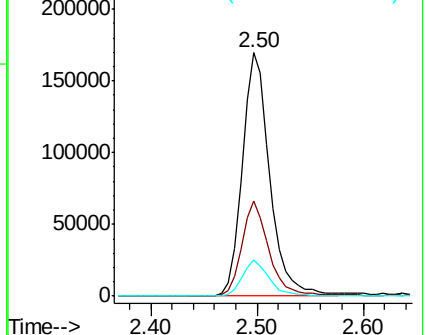
141 14.8 11.6 17.4

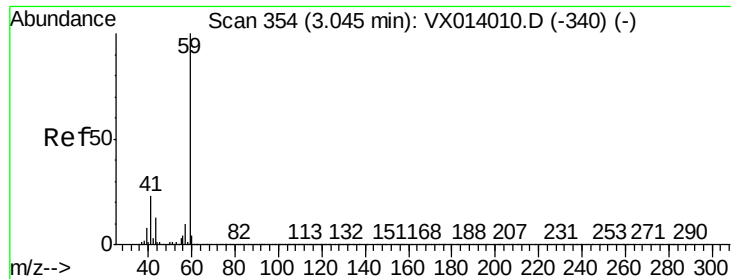


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

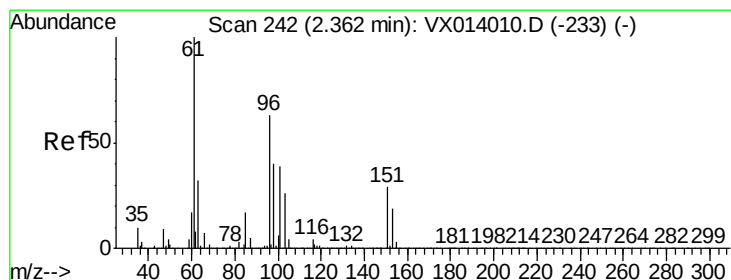
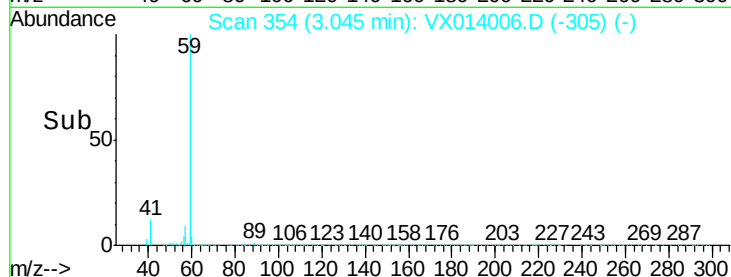
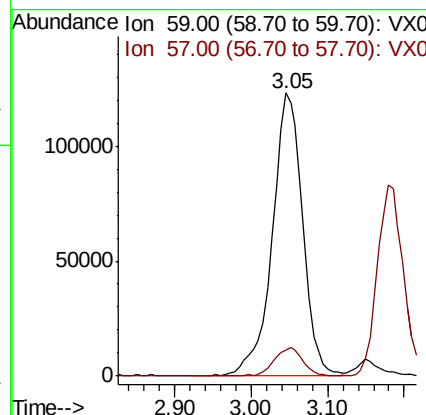
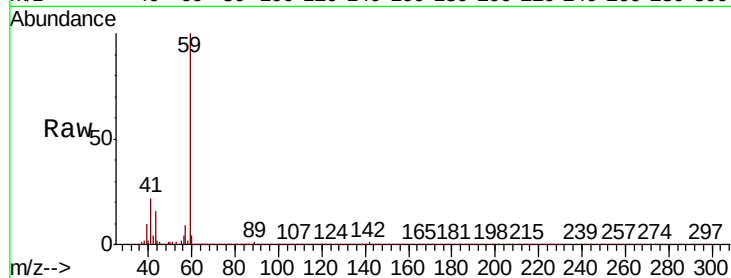




#11
Tert butyl alcohol
Concen: 233.629 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

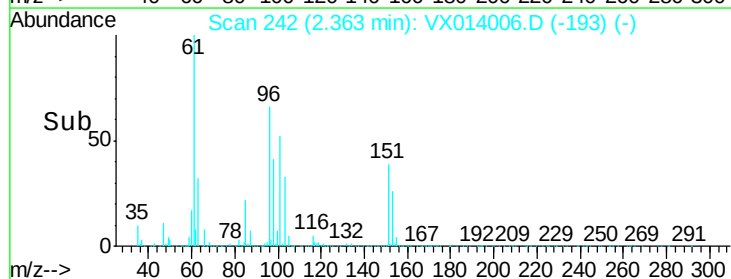
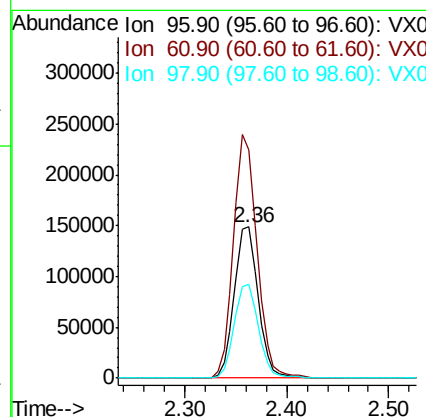
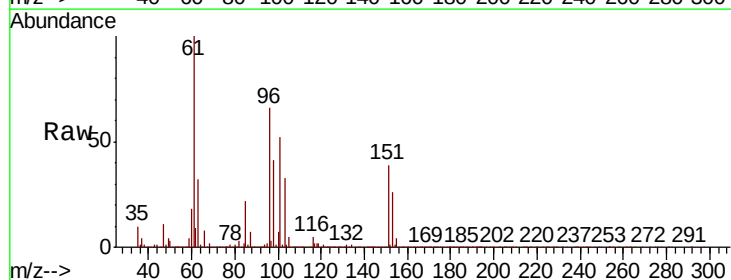
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

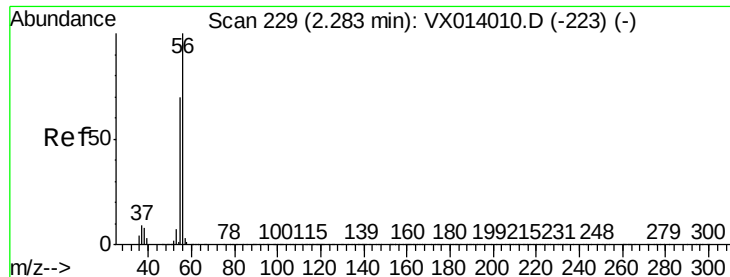
Tot Ion: 59 Resp: 339431
Ion Ratio Lower Upper
59 100
57 9.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 42.029 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion: 96 Resp: 239852
Ion Ratio Lower Upper
96 100
61 151.3 127.9 191.9
98 62.4 50.5 75.7

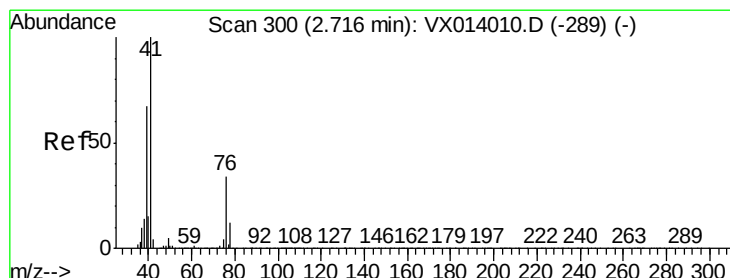
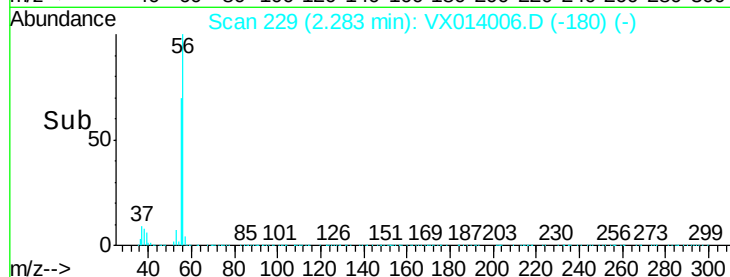
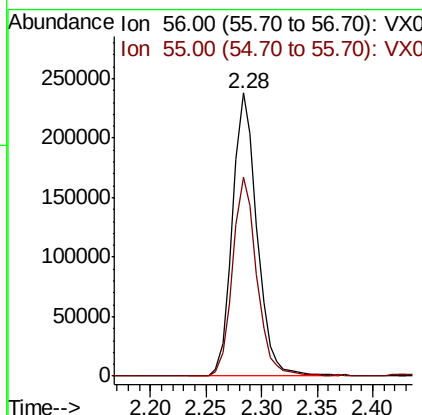
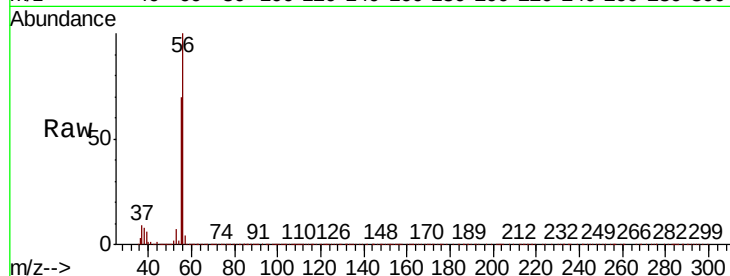




#13
Acrolein
Concen: 437.329 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

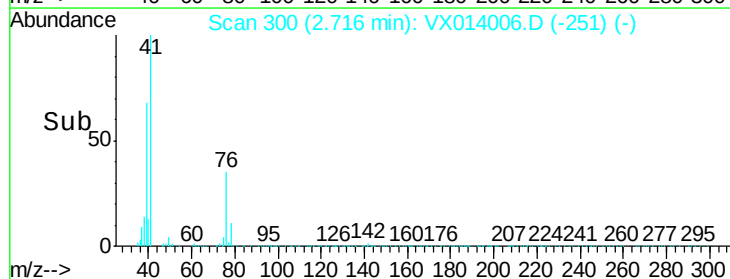
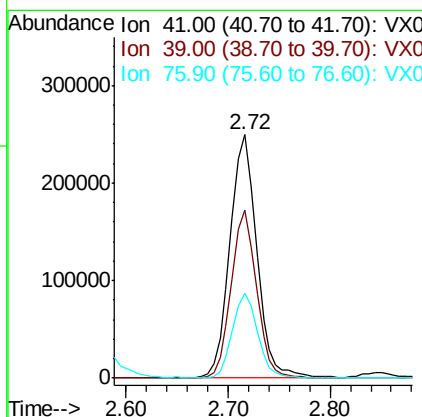
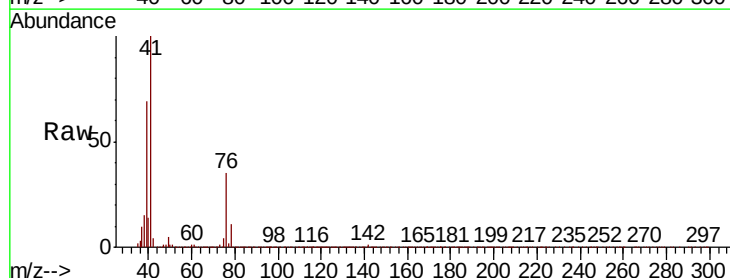
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

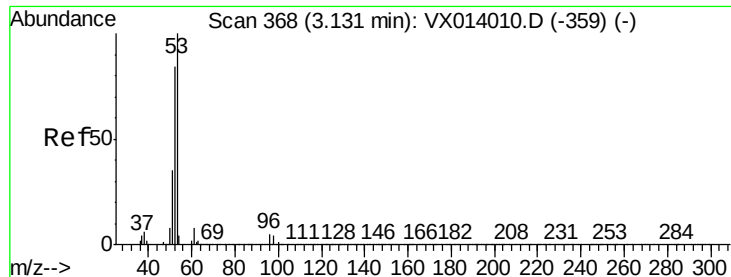
Tot Ion: 56 Resp: 363711
Ion Ratio Lower Upper
56 100
55 68.7 56.9 85.3



#14
Allyl chloride
Concen: 44.753 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion: 41 Resp: 456010
Ion Ratio Lower Upper
41 100
39 65.2 51.8 77.8
76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 228.687 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

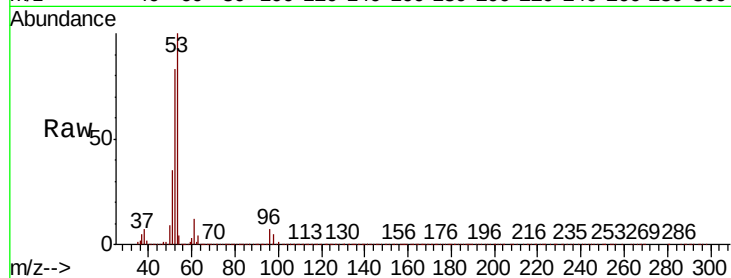
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 775497

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	35.2	28.1	42.1

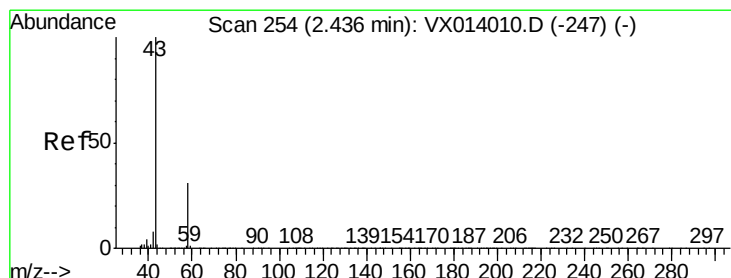
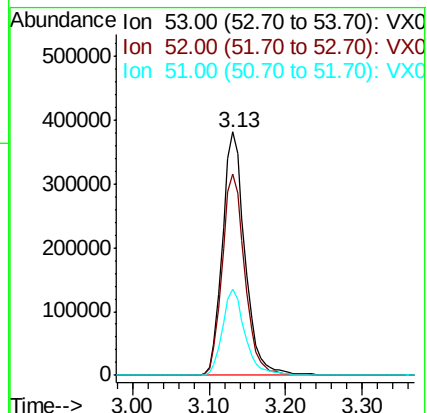
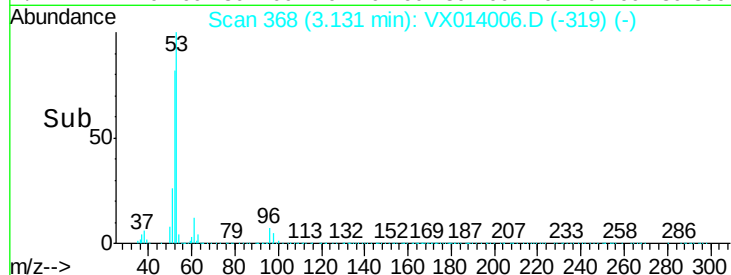


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 190.192 ug/l

RT: 2.44 min Scan# 254

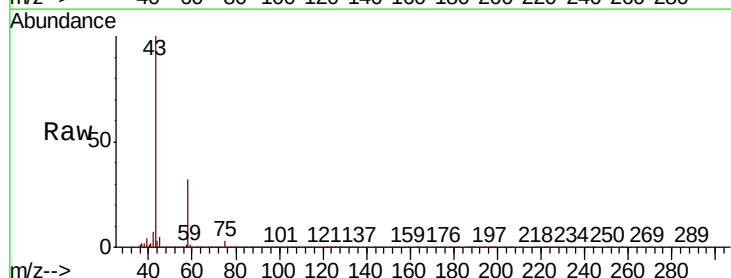
Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Tgt Ion: 43 Resp: 830227

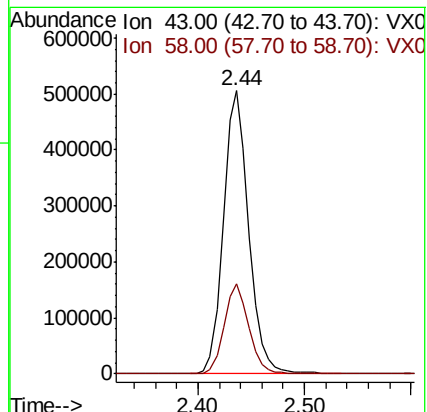
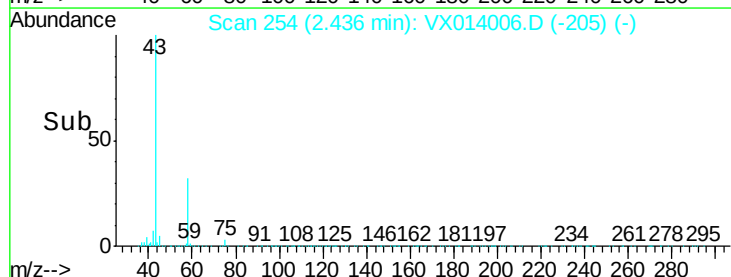
Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.9	37.3

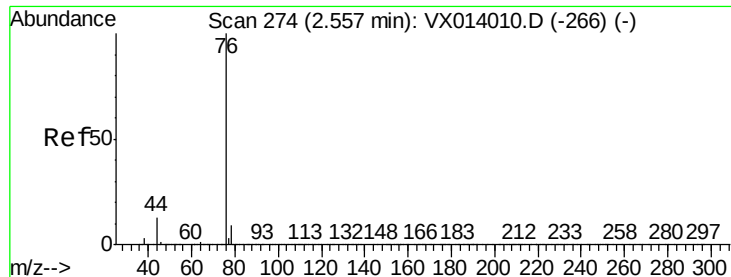


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 36.992 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

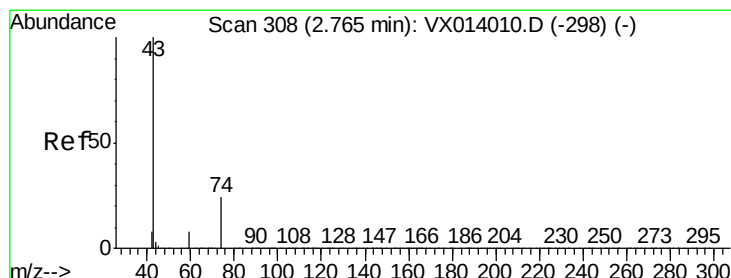
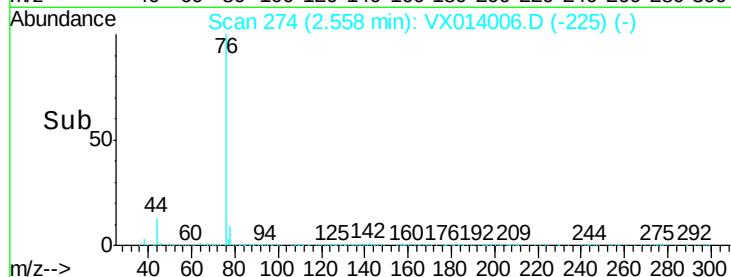
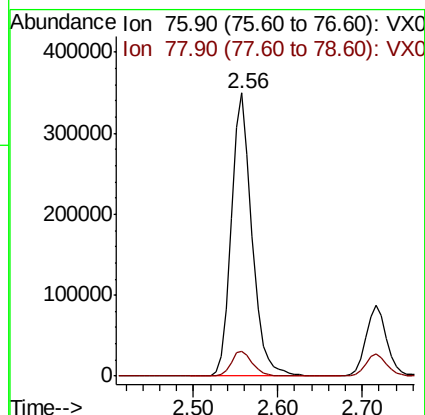
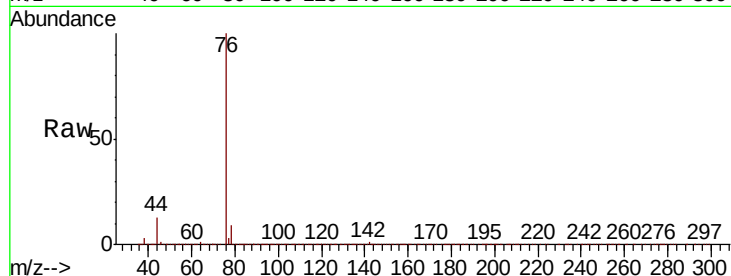
VSTDCCC050

Tot Ion: 76 Resp: 582929

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 52.063 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014006.D

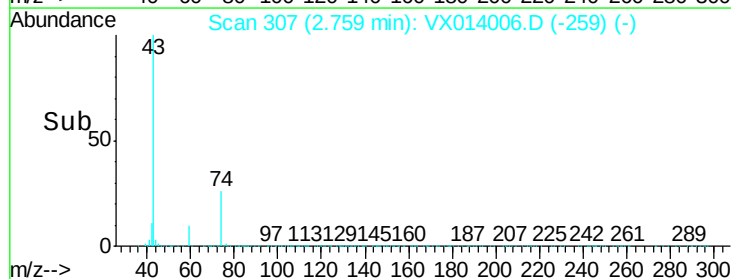
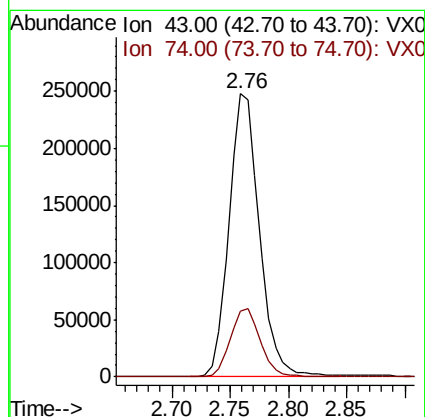
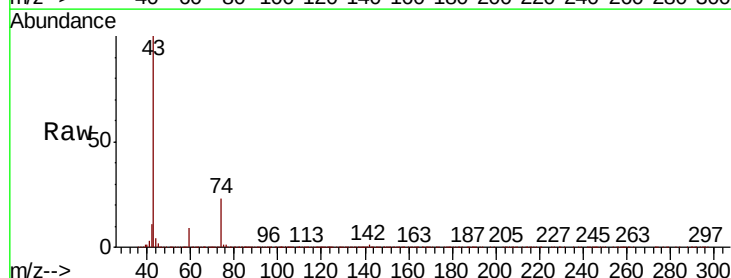
Acq: 13 Dec 2019 14:08

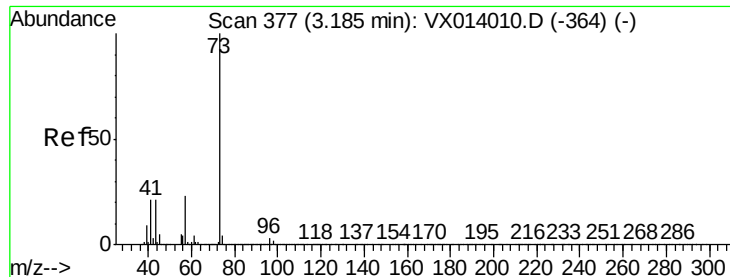
Tgt Ion: 43 Resp: 450336

Ion Ratio Lower Upper

43 100

74 24.4 19.5 29.3



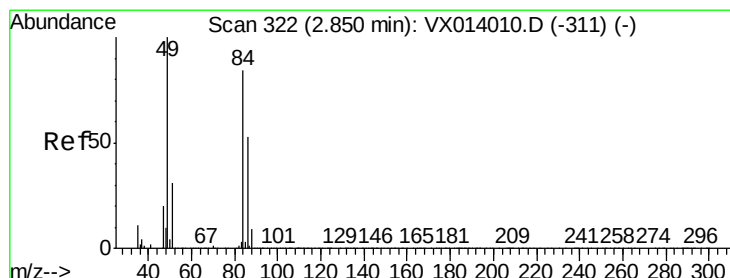
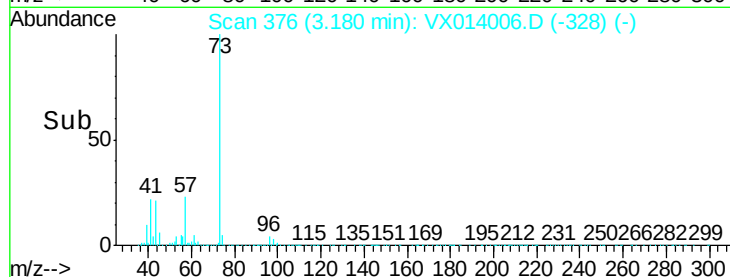
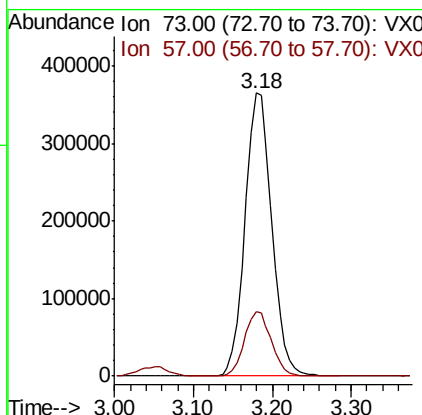
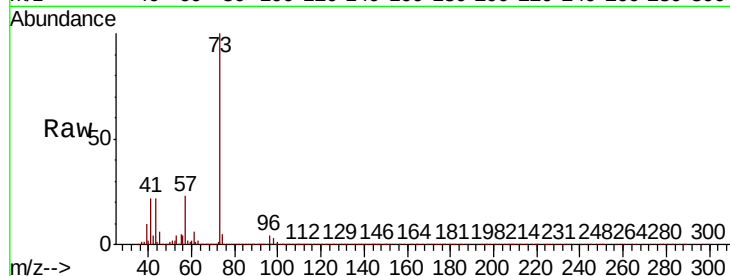


#19

Methyl tert-butyl Ether
 Concen: 45.863 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

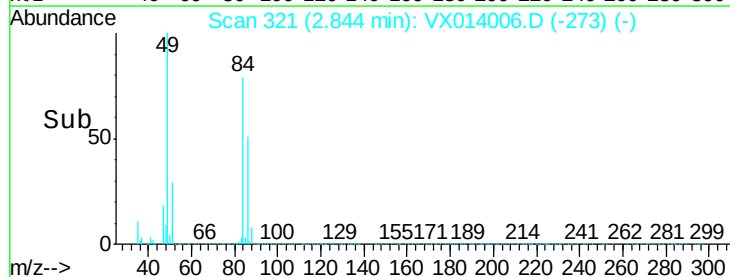
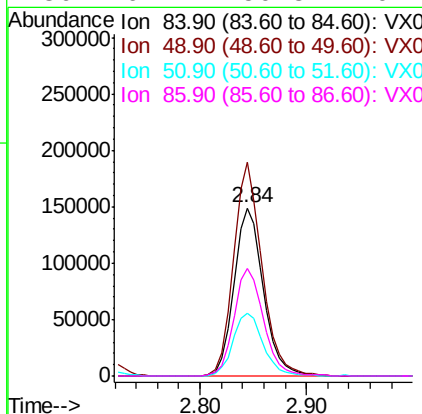
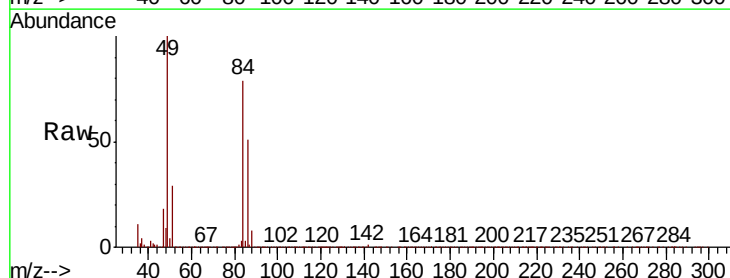
Tot Ion: 73 Resp: 860063
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.8 28.2

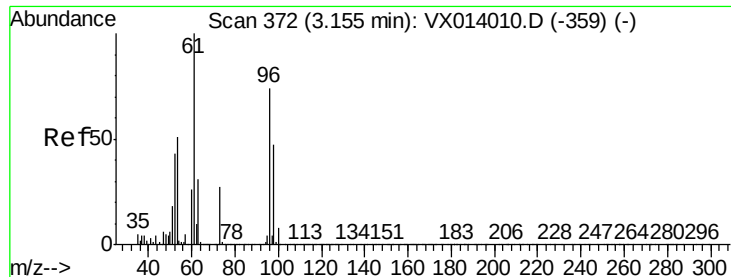


#20

Methylene Chloride
 Concen: 41.822 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Tgt Ion: 84 Resp: 287485
 Ion Ratio Lower Upper
 84 100
 49 126.9 95.8 143.6
 51 37.2 29.8 44.8
 86 64.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 41.293 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

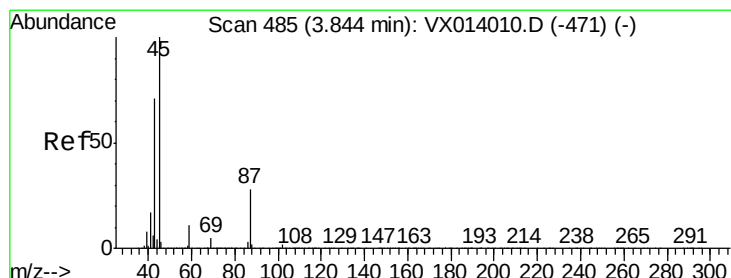
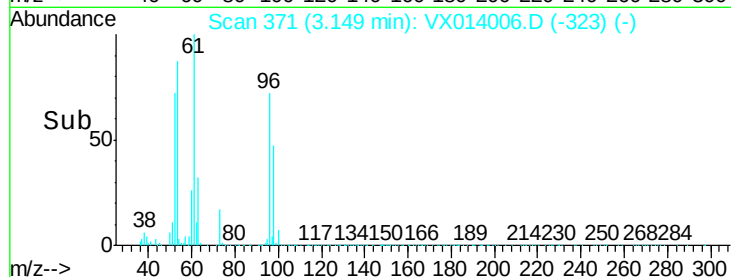
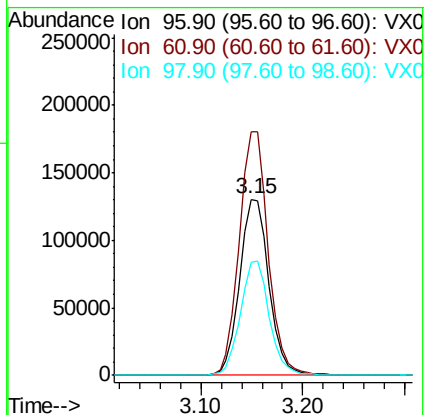
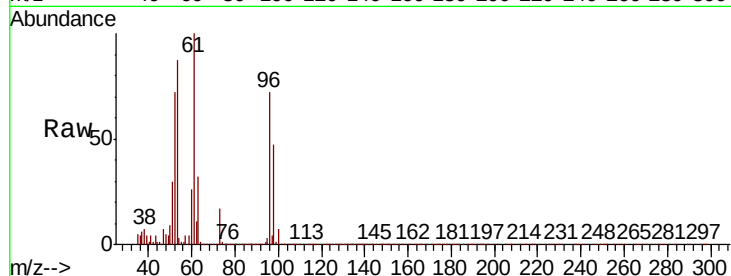
Tot Ion: 96 Resp: 259613

Ion Ratio Lower Upper

96 100

61 138.3 108.3 162.5

98 64.5 50.8 76.2



#22

Diisopropyl ether

Concen: 46.058 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Tgt Ion: 45 Resp: 935205

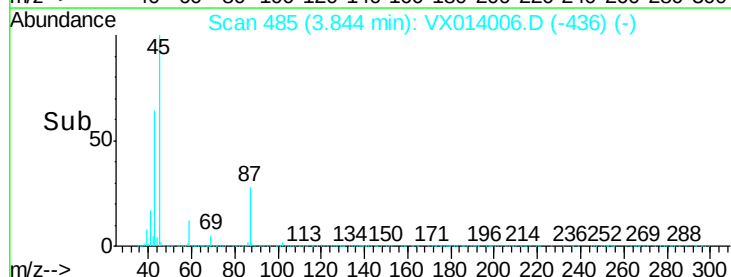
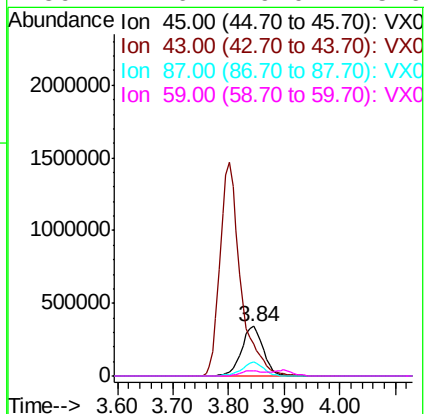
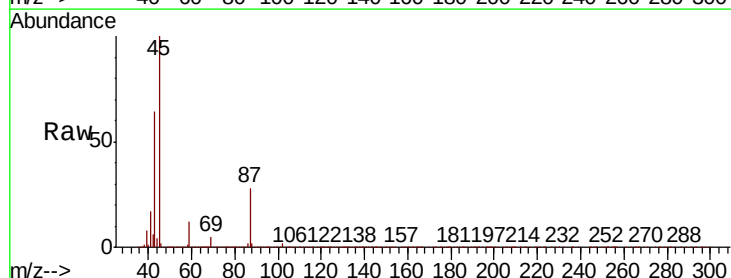
Ion Ratio Lower Upper

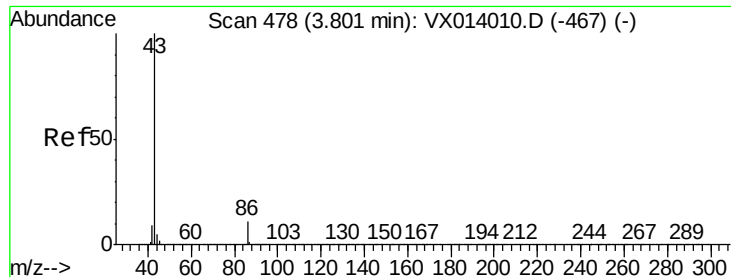
45 100

43 63.4 57.4 86.0

87 27.7 21.9 32.9

59 11.6 9.0 13.6





#23

Vinyl Acetate

Concen: 227.407 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

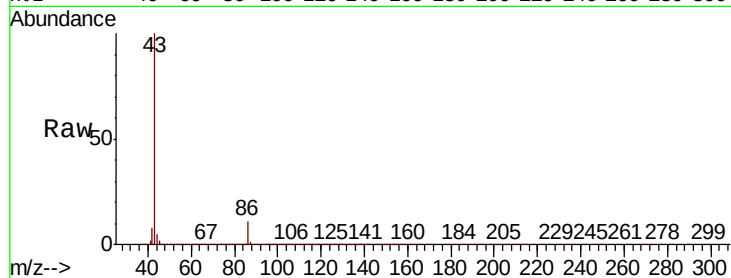
VSTDCCC050

Tot Ion: 43 Resp: 3768104

Ion Ratio Lower Upper

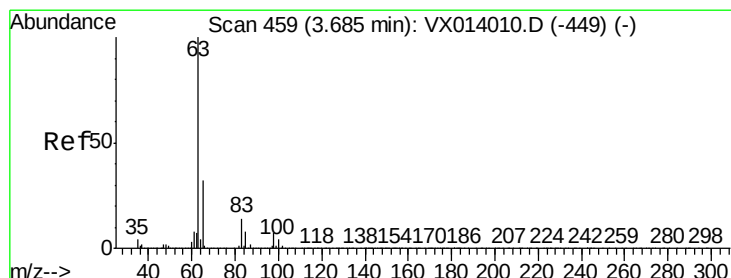
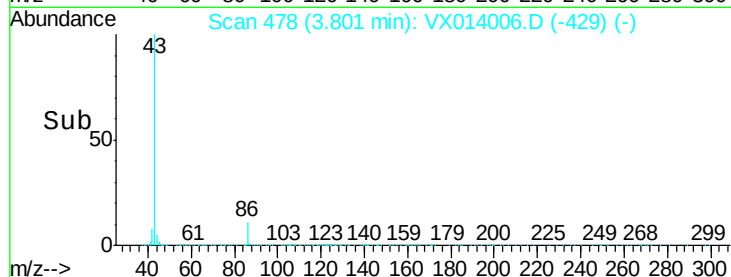
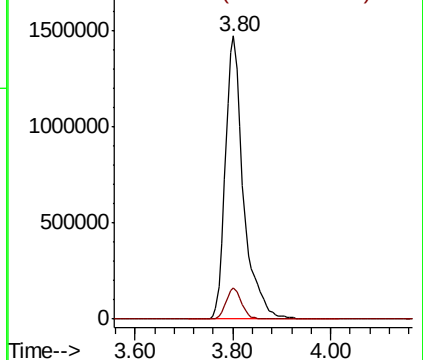
43 100

86 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 43.647 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

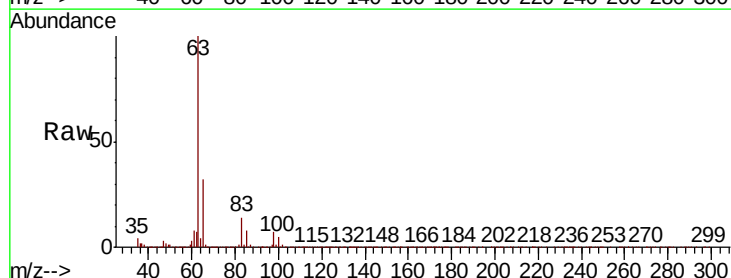
Tgt Ion: 63 Resp: 493076

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

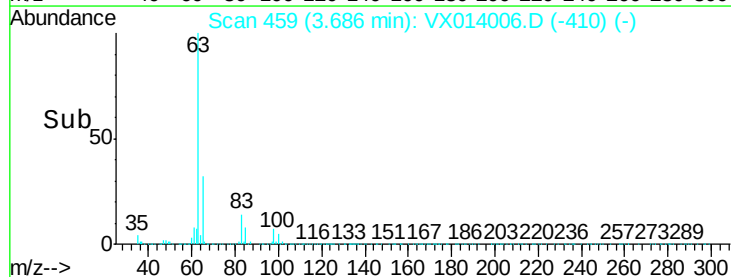
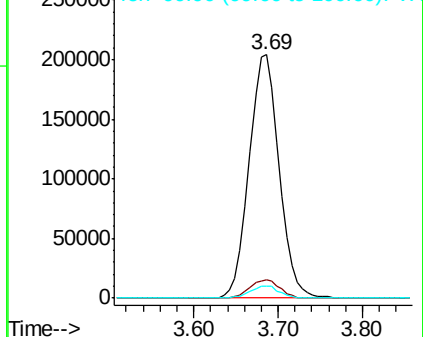
100 4.8 2.3 6.8

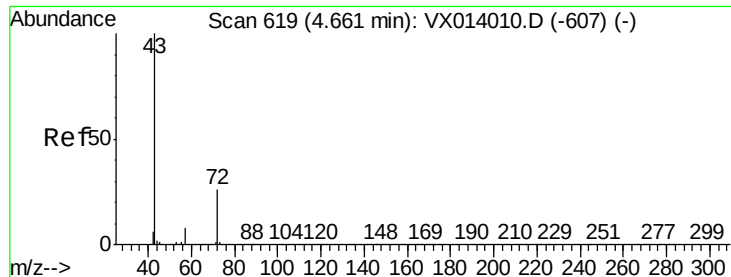


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 214.913 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

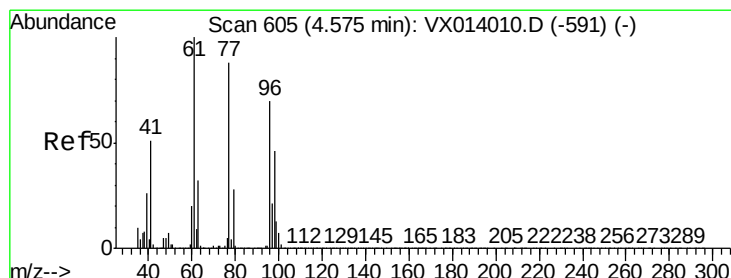
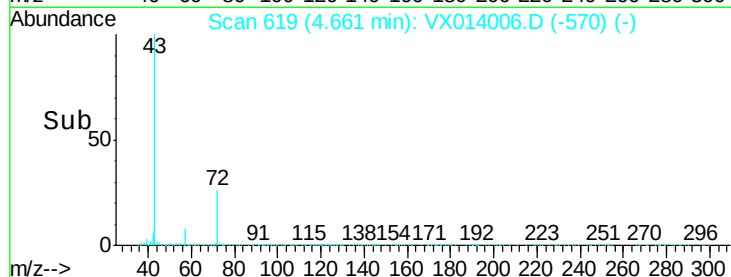
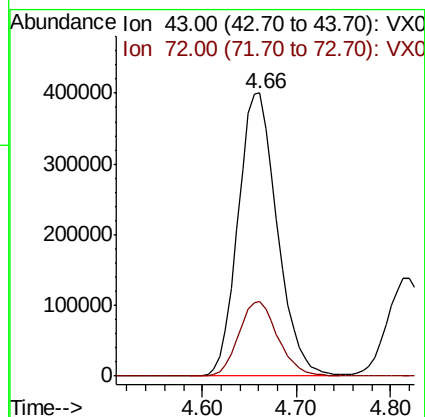
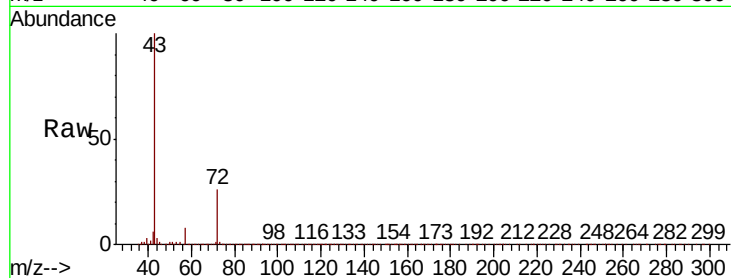
VSTDCCC050

Tot Ion: 43 Resp: 1156613

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 46.921 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014006.D

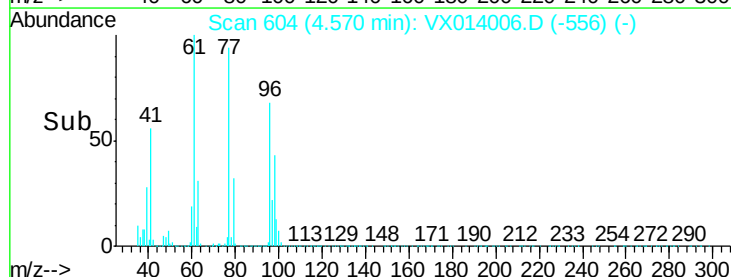
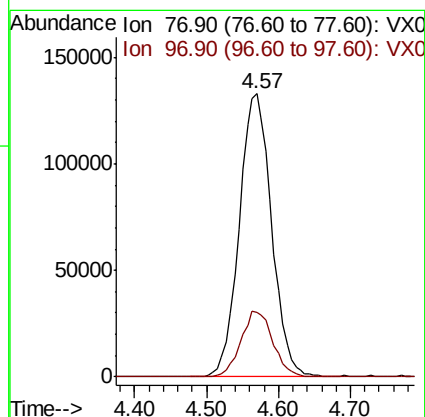
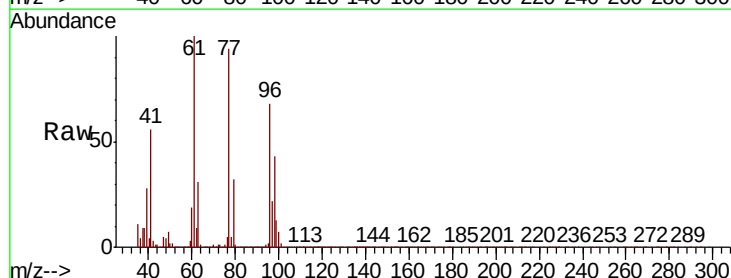
Acq: 13 Dec 2019 14:08

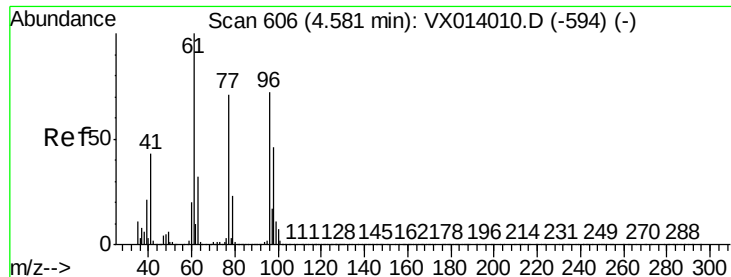
Tgt Ion: 77 Resp: 411545

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 43.692 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

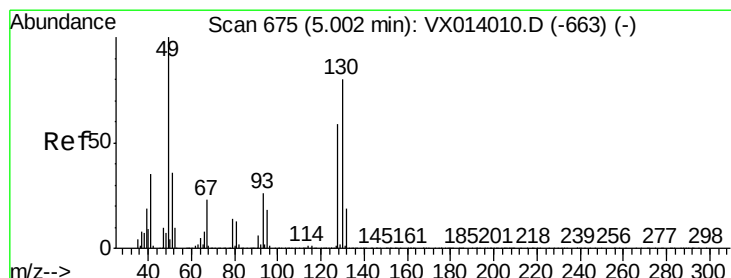
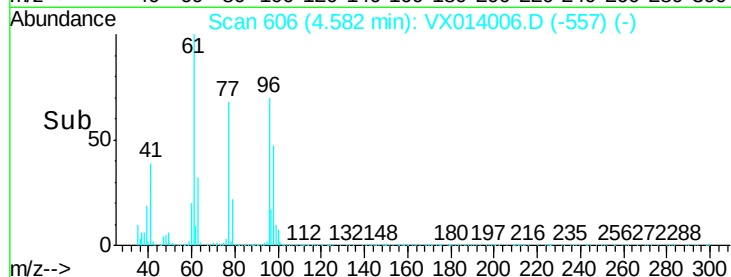
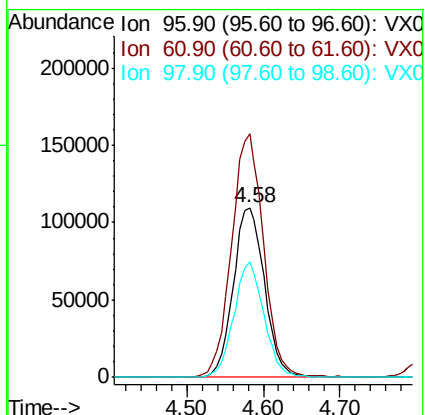
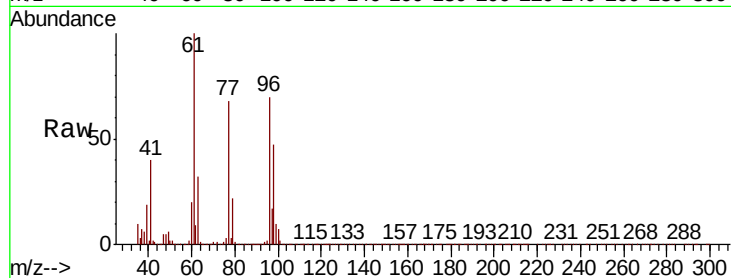
Tot Ion: 96 Resp: 310669

Ion Ratio Lower Upper

96 100

61 145.7 0.0 288.4

98 65.5 0.0 129.6



#28

Bromochloromethane

Concen: 48.695 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

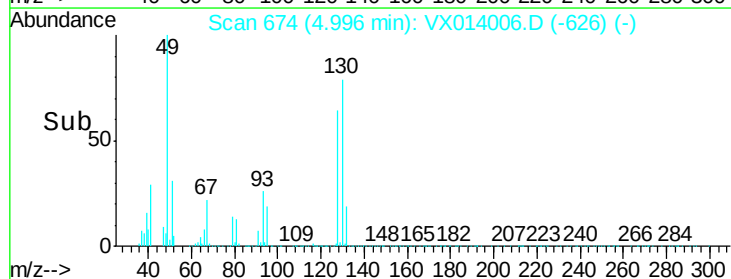
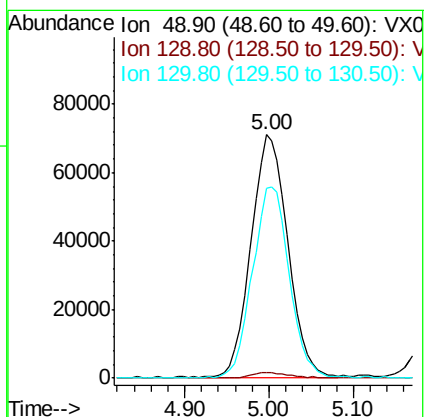
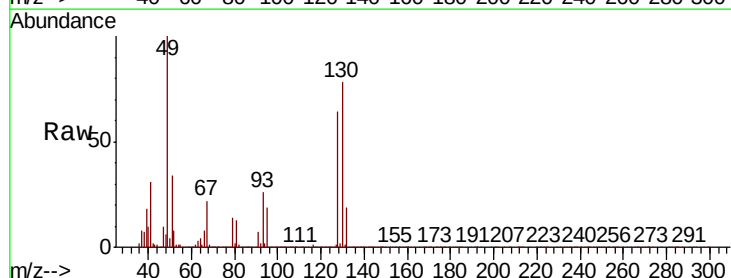
Tgt Ion: 49 Resp: 211509

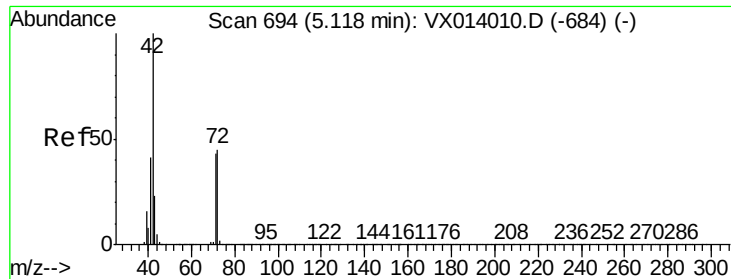
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

130 78.8 64.6 97.0

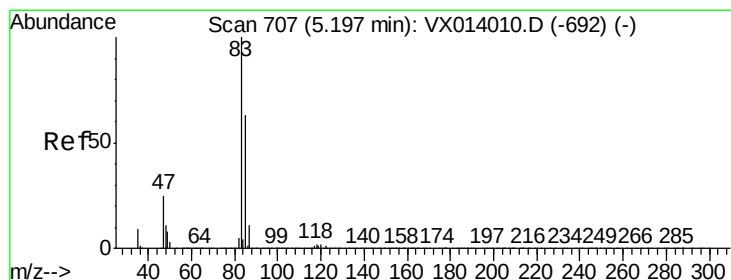
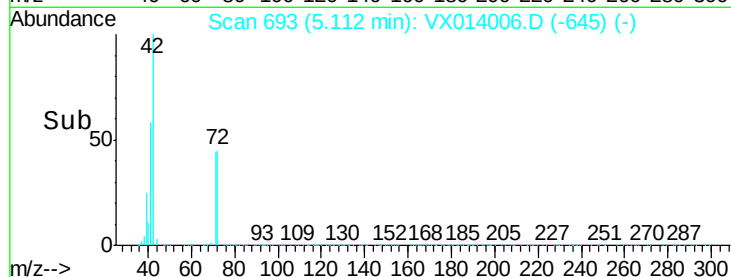
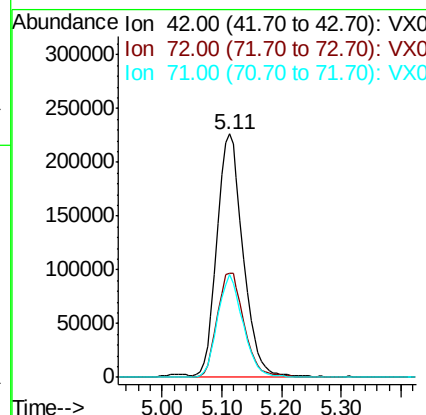
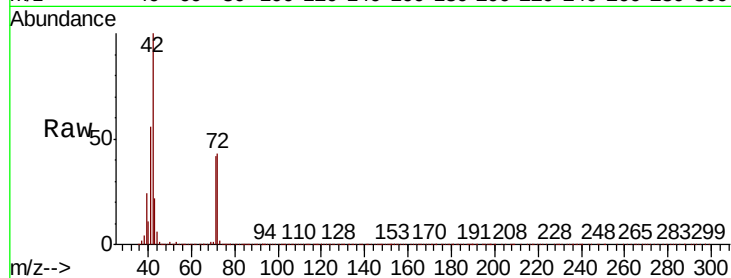




#29
Tetrahydrofuran
Concen: 227.093 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

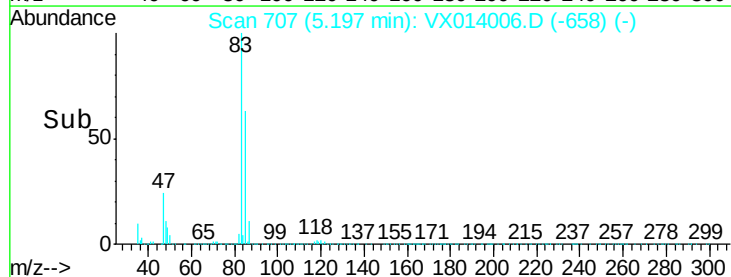
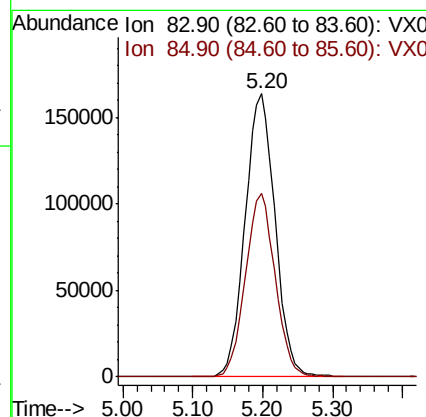
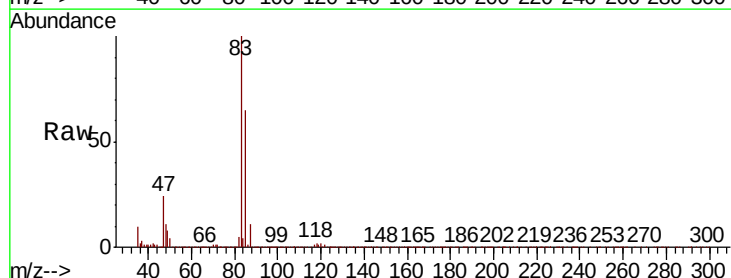
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

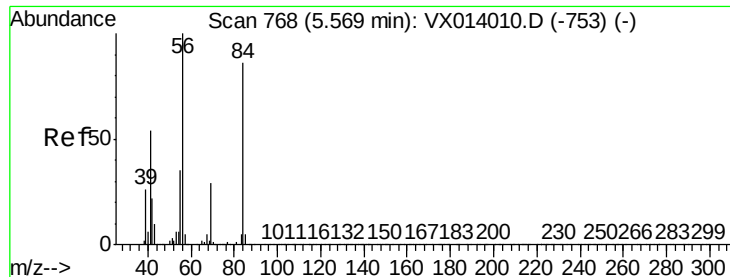
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.8	53.8
71	41.1	33.6	50.4



#30
Chloroform
Concen: 45.473 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2





#31

Cyclohexane

Concen: 42.371 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

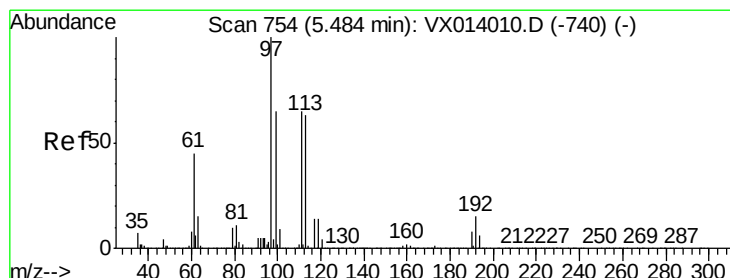
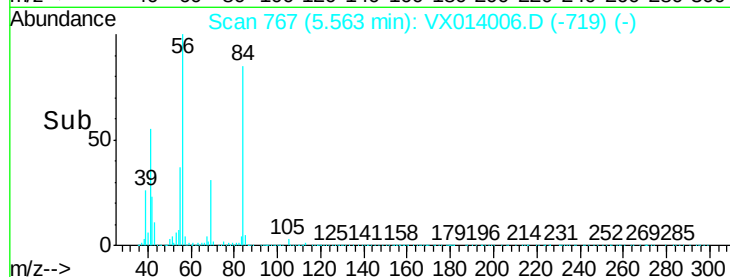
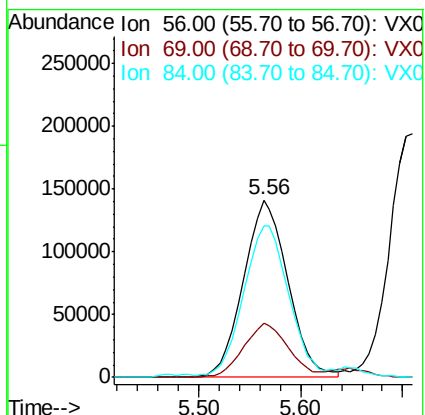
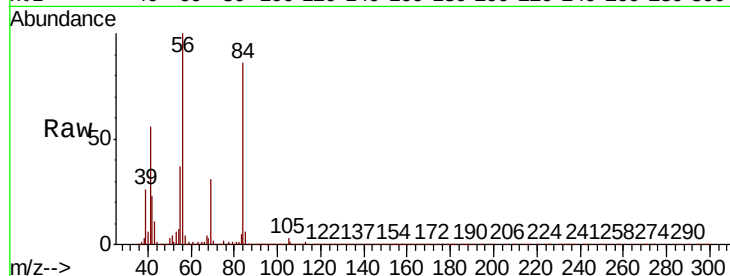
Tot Ion: 56 Resp: 425716

Ion Ratio Lower Upper

56 100

69 30.5 23.2 34.8

84 84.1 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 44.836 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

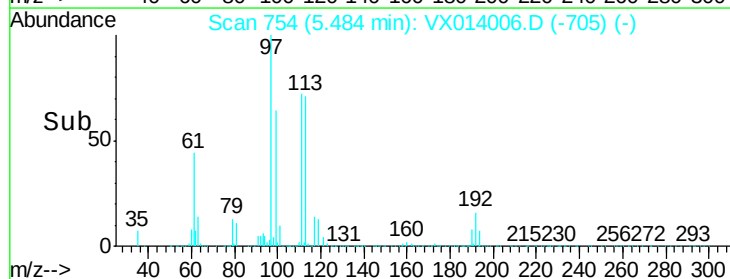
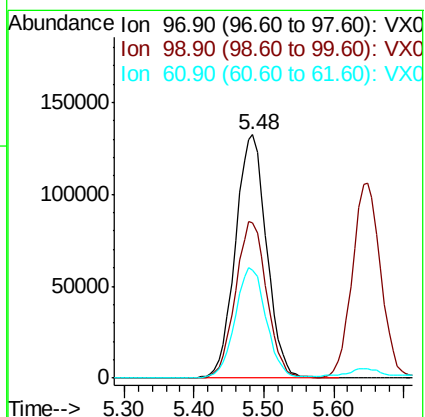
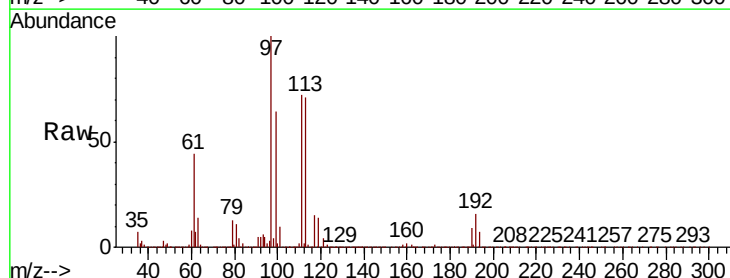
Tgt Ion: 97 Resp: 409223

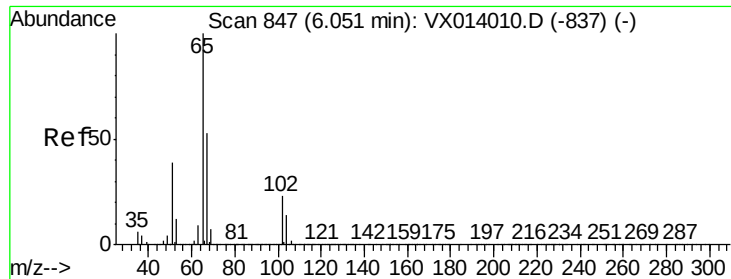
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 44.7 36.7 55.1

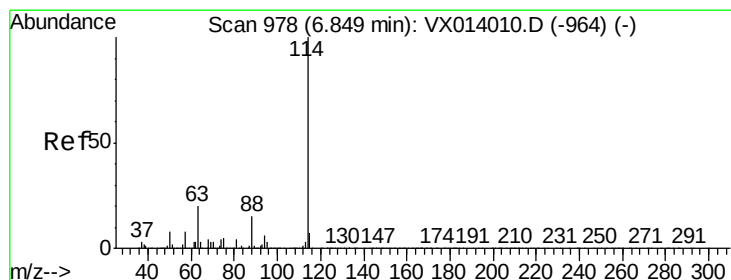
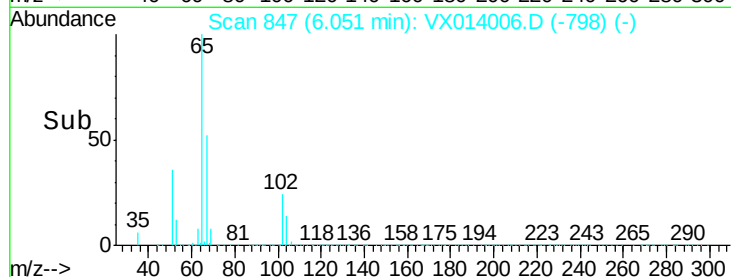
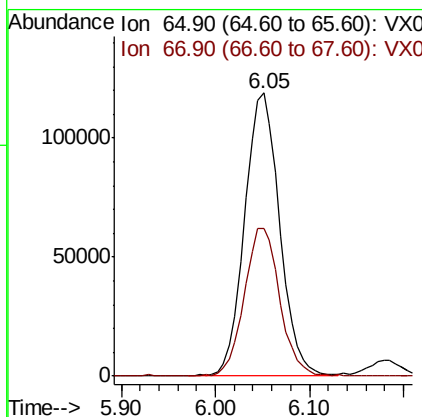
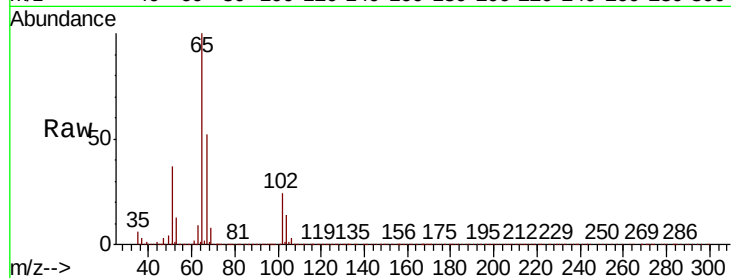




#33
 1,2-Dichloroethane-d4
 Concen: 46.008 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

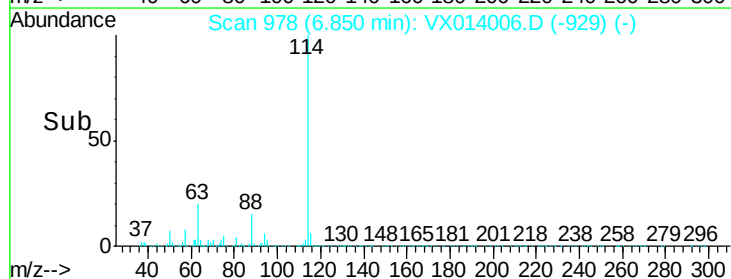
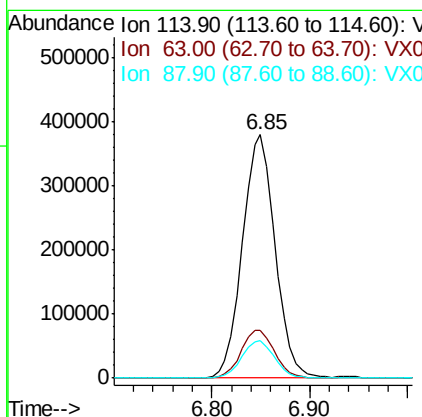
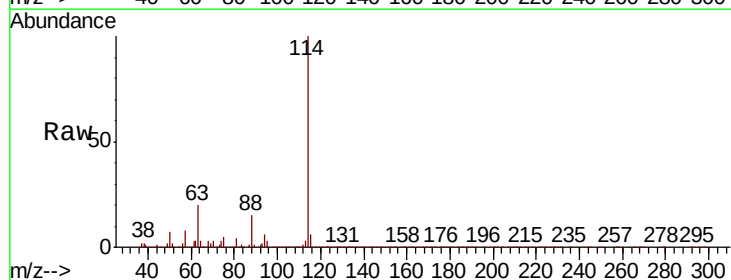
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

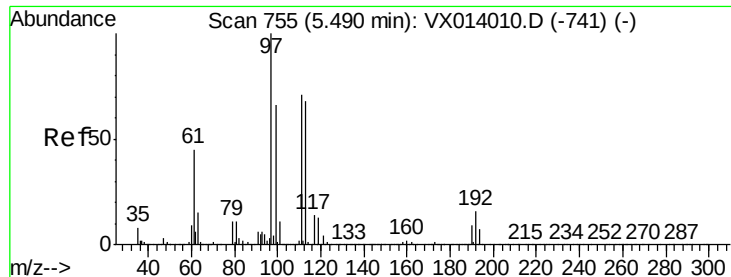
Tot Ion: 65 Resp: 309349
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Tgt Ion: 114 Resp: 885090
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.025 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

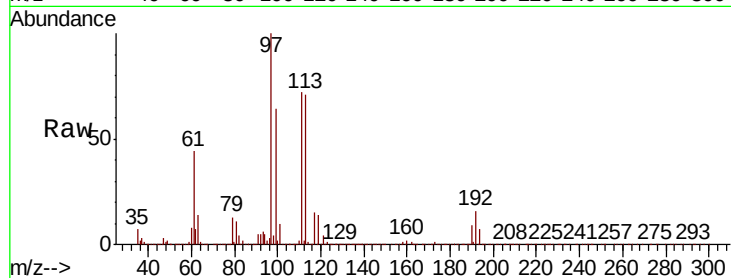
Tot Ion:113 Resp: 263771

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

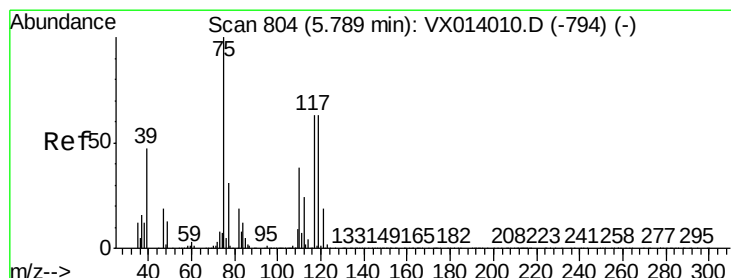
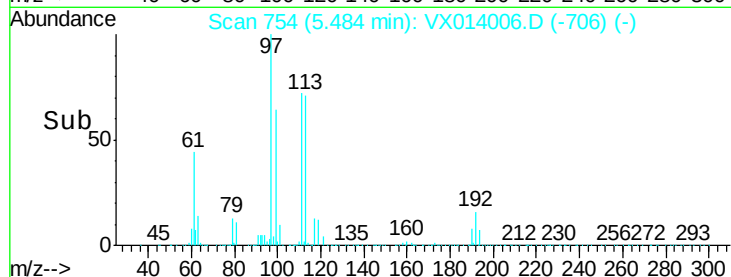
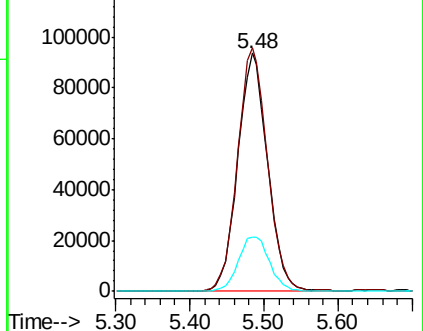
192 24.1 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.955 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

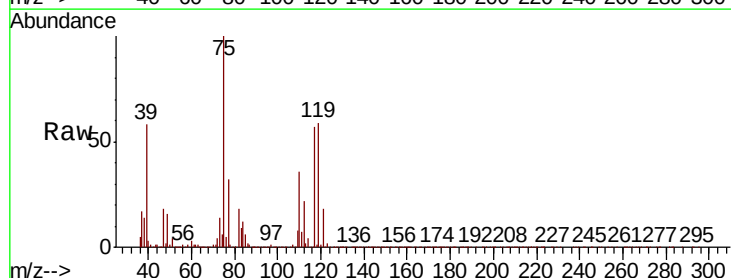
Tgt Ion: 75 Resp: 356966

Ion Ratio Lower Upper

75 100

110 36.9 18.3 54.9

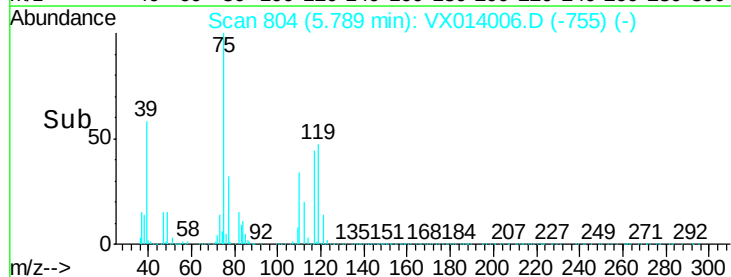
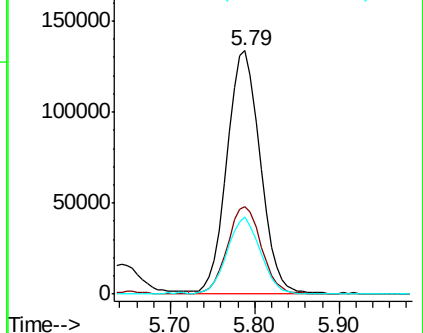
77 31.5 24.8 37.2

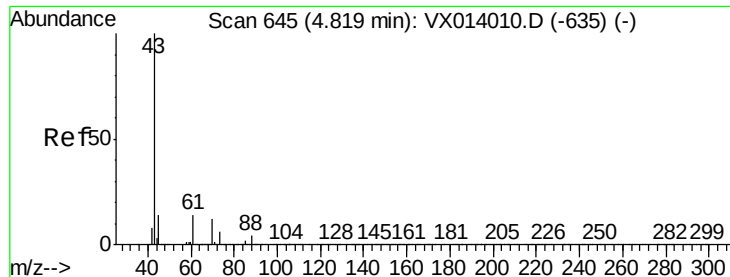


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

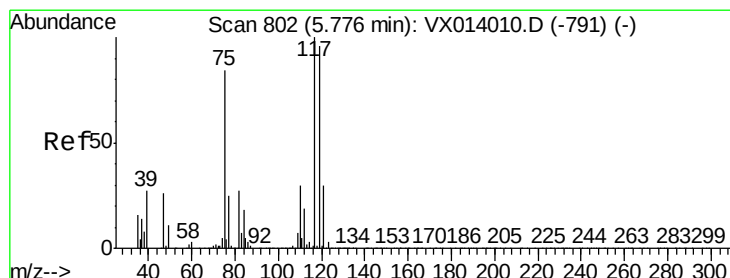
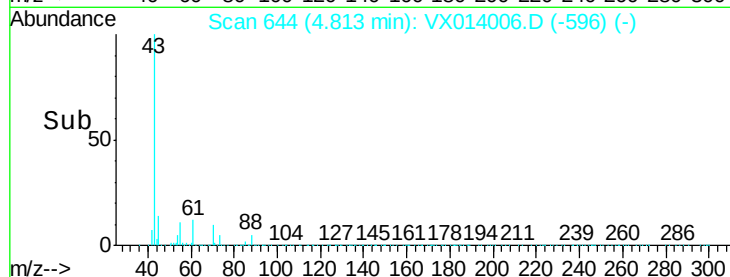
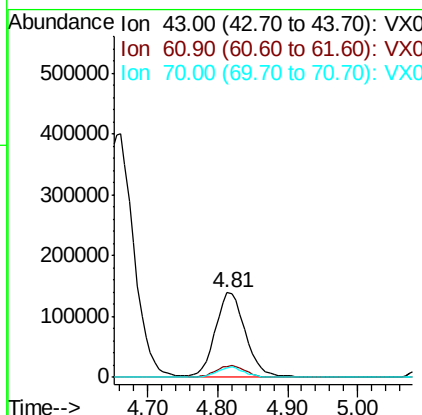
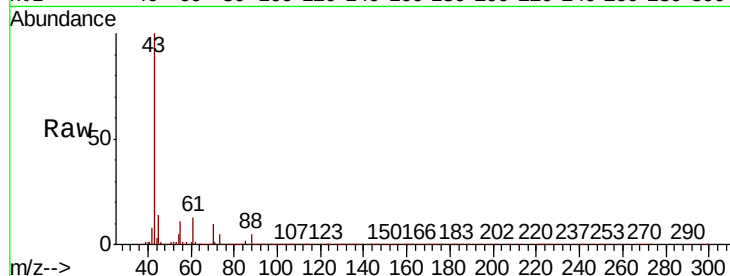




#37
Ethyl Acetate
Concen: 46.017 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

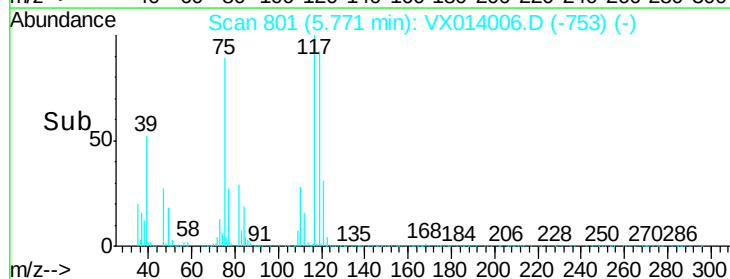
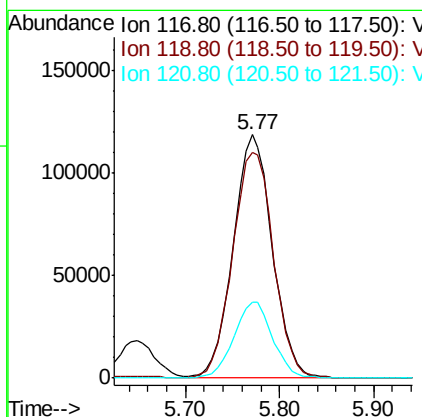
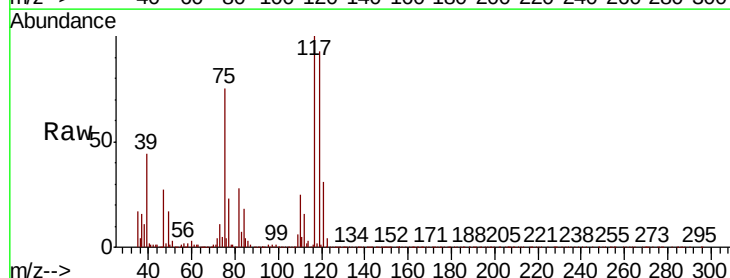
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

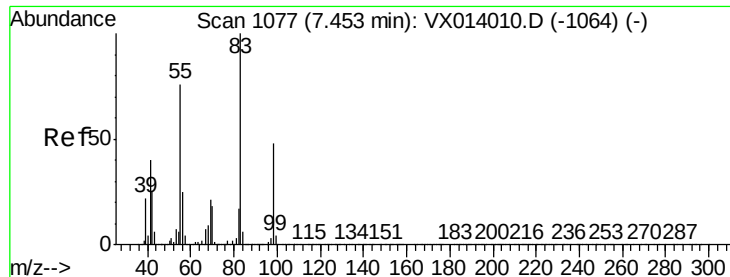
Tot Ion: 43 Resp: 412682
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 10.9 8.6 12.8



#38
Carbon Tetrachloride
Concen: 46.221 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion: 117 Resp: 341956
Ion Ratio Lower Upper
117 100
119 92.9 76.2 114.4
121 31.1 23.6 35.4

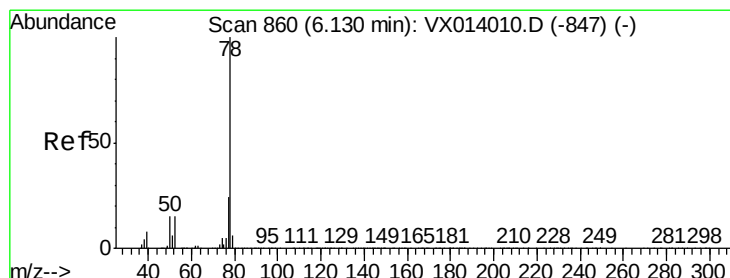
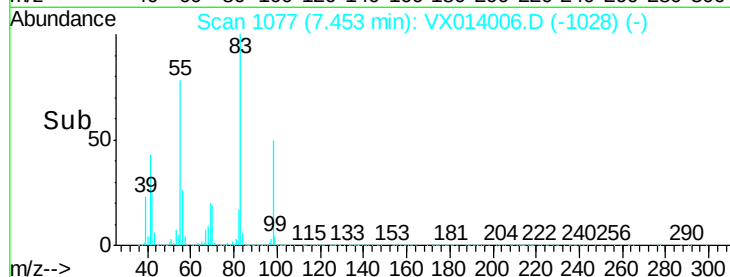
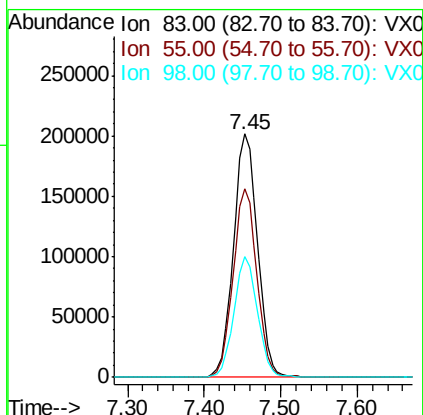
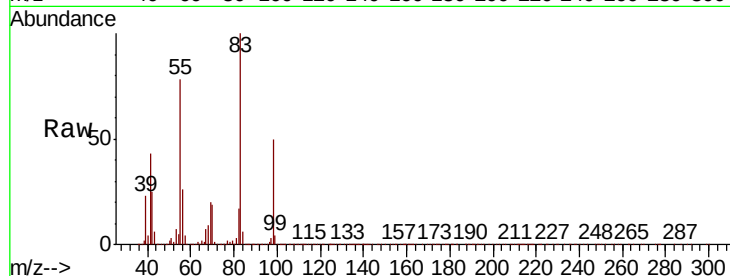




#39
Methylvlcyclohexane
Concen: 43.776 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

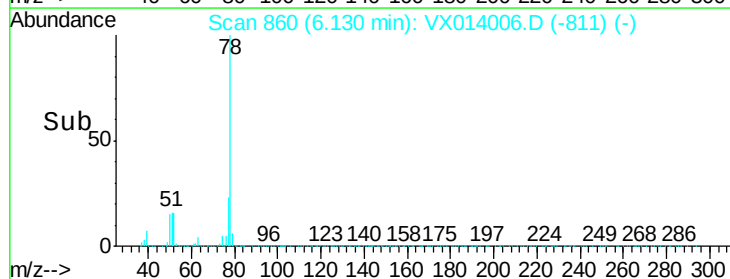
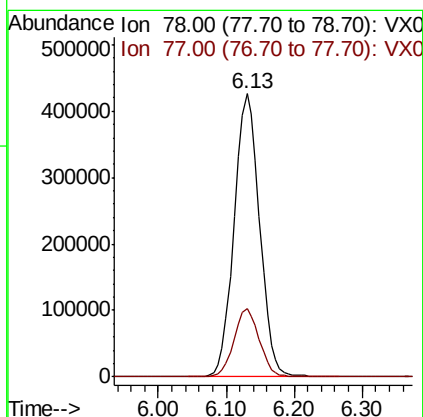
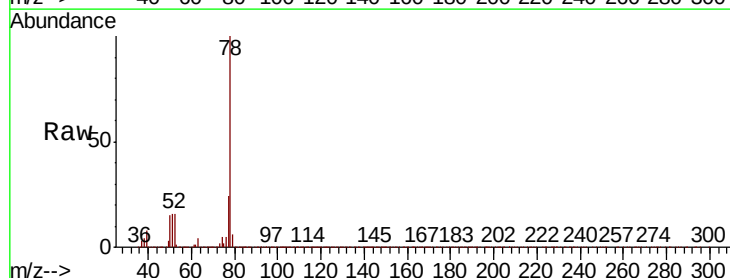
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

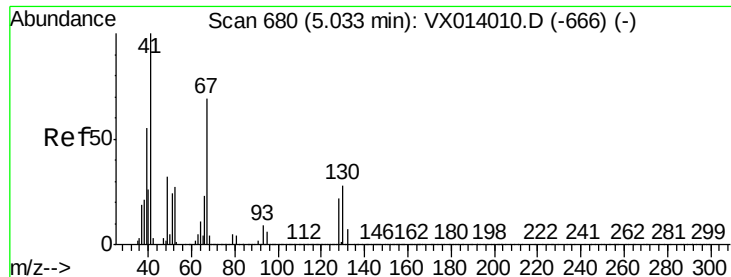
Tot Ion	83	Resp	438976
Ion Ratio	Lower	Upper	
83	100		
55	77.5	61.0	91.6
98	49.7	38.6	57.8



#40
Benzene
Concen: 44.346 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion	78	Resp	1108112
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.8	28.2

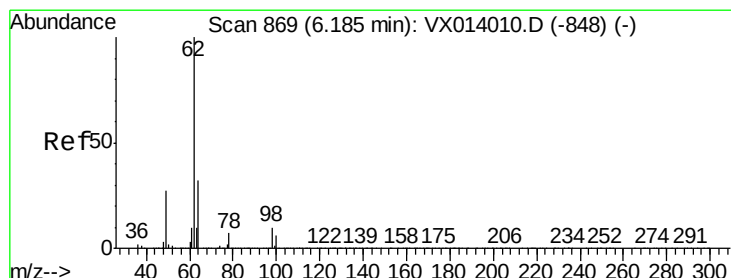
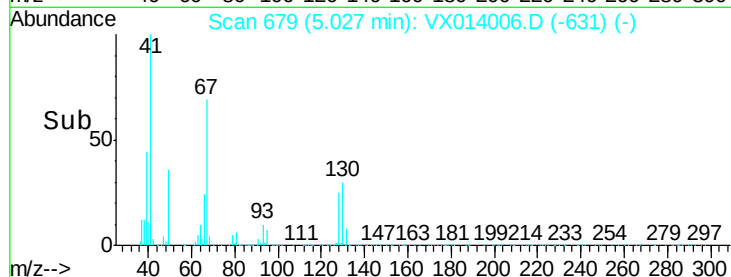
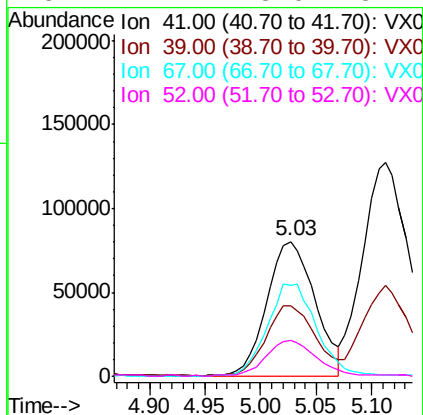
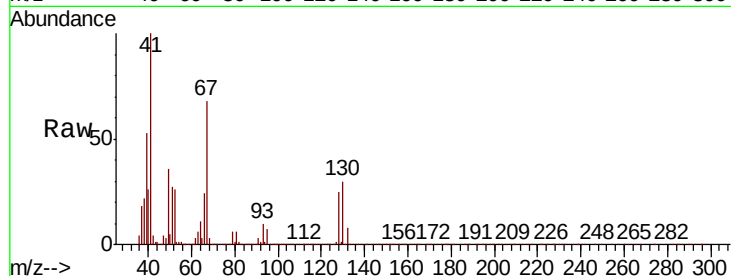




#41
Methacrylonitrile
Concen: 48.388 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

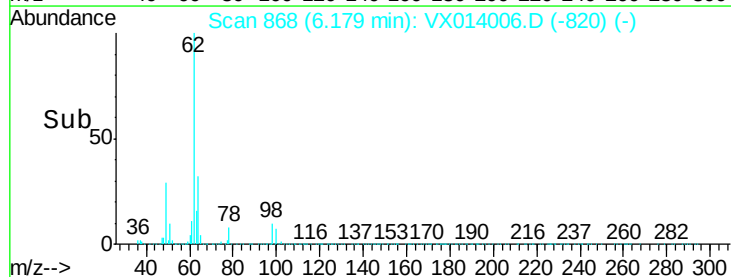
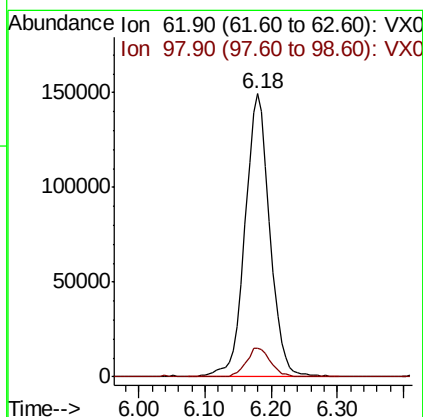
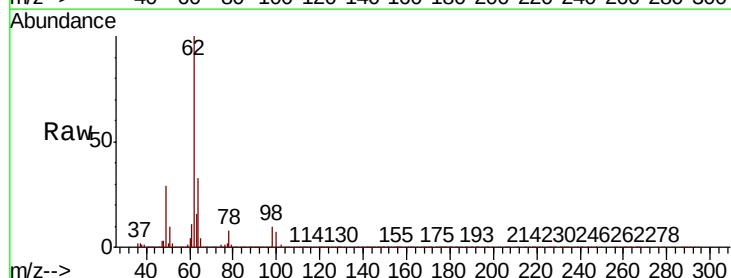
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

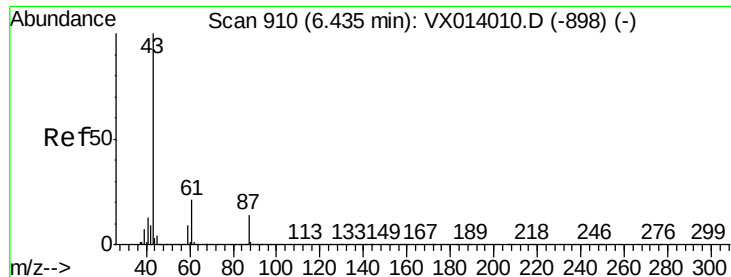
Tot Ion:	41	Resp:	240774
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.5	66.7
67	70.9	57.4	86.0
52	27.4	23.0	34.4



#42
1,2-Dichloroethane
Concen: 45.624 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion:	62	Resp:	386449
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.0





#43

Isopropyl Acetate

Concen: 46.536 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

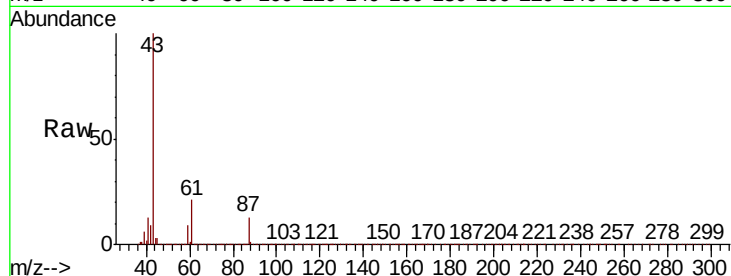
Tot Ion: 43 Resp: 690674

Ion Ratio Lower Upper

43 100

61 20.6 16.4 24.6

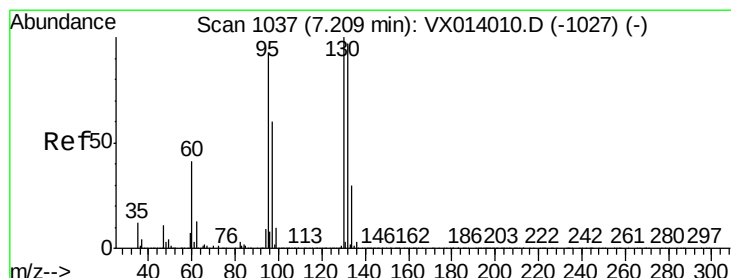
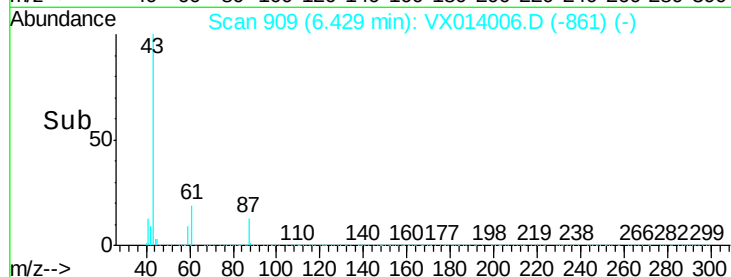
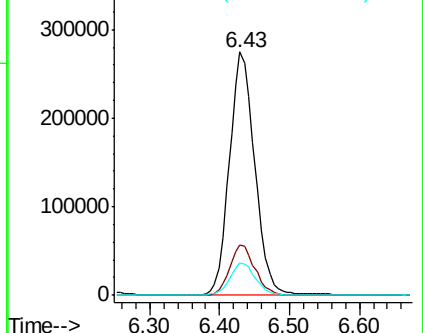
87 13.6 10.7 16.1



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: 43.371 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014006.D

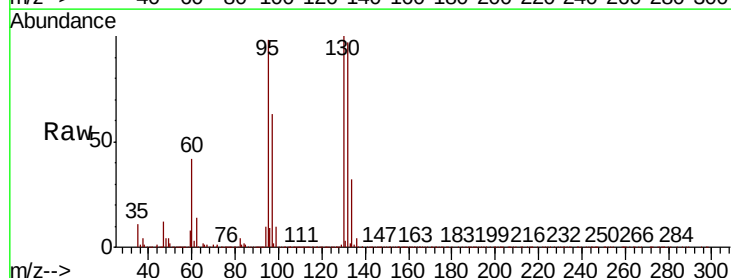
Acq: 13 Dec 2019 14:08

Tgt Ion:130 Resp: 299341

Ion Ratio Lower Upper

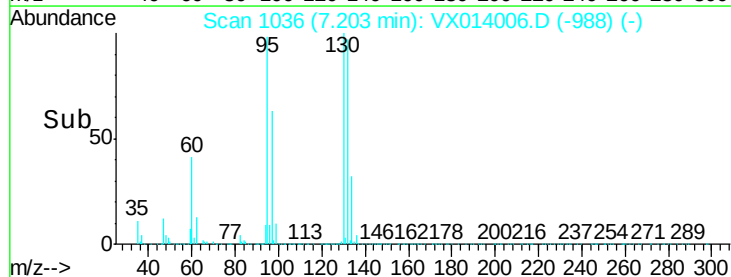
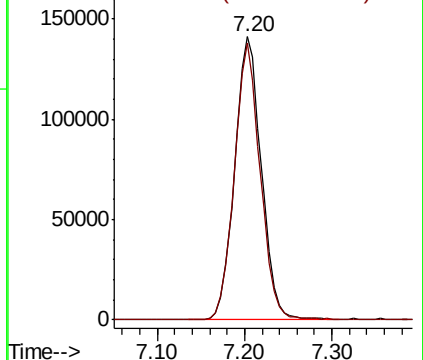
130 100

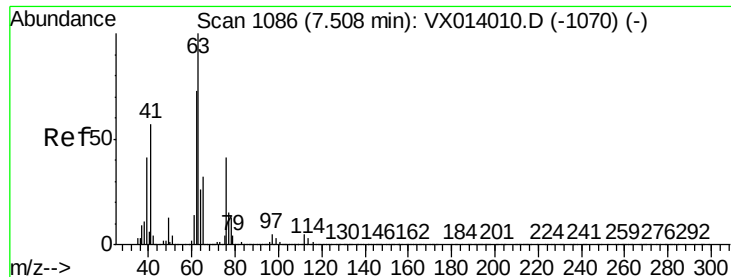
95 97.7 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

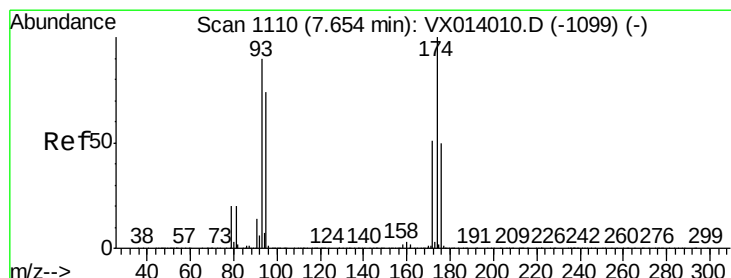
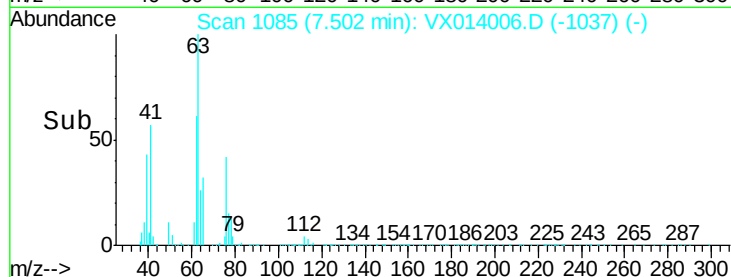
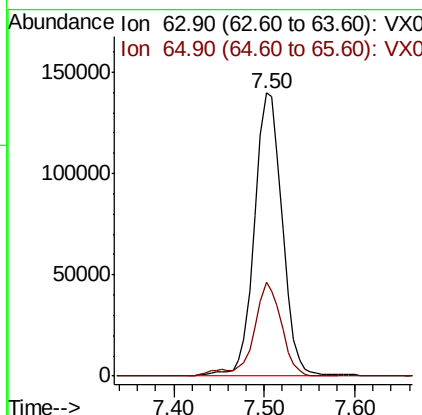
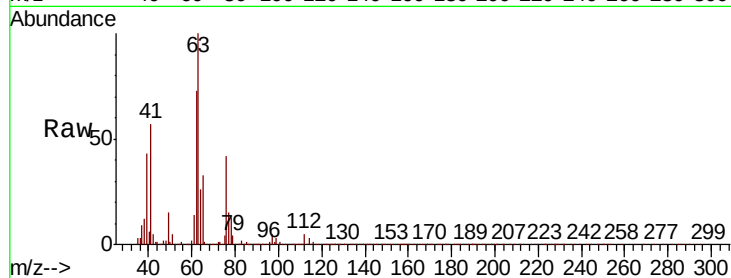




#45
 1,2-Dichloropropane
 Concen: 46.159 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

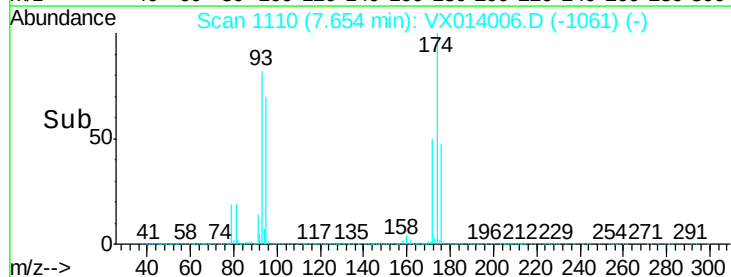
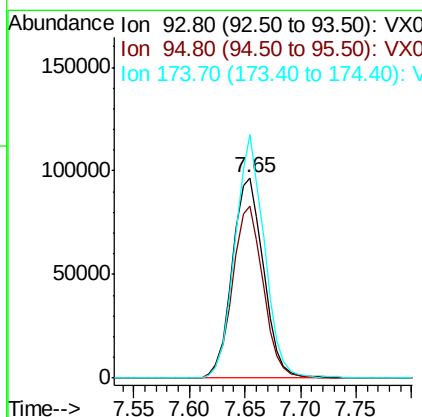
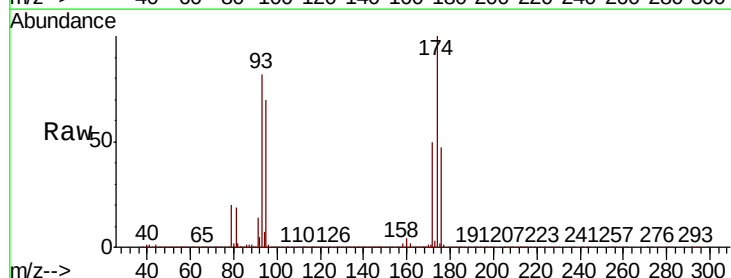
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

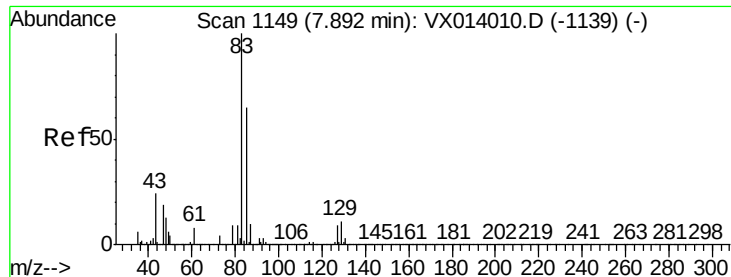
Tot Ion: 63 Resp: 295635
 Ion Ratio Lower Upper
 63 100
 65 33.3 25.8 38.8



#46
 Dibromomethane
 Concen: 44.026 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Tgt Ion: 93 Resp: 186426
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.3 100.9
 174 115.0 91.6 137.4





#47

Bromodichloromethane

Concen: 47.615 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

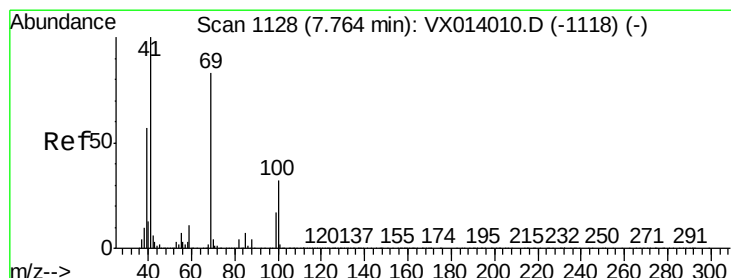
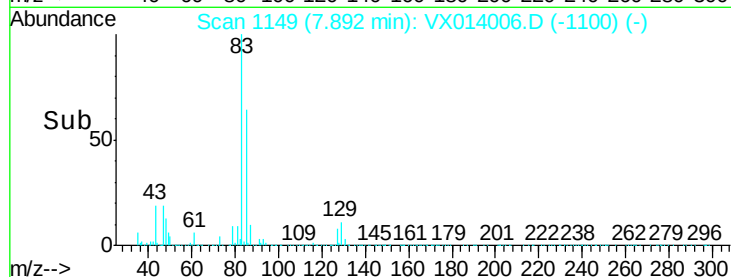
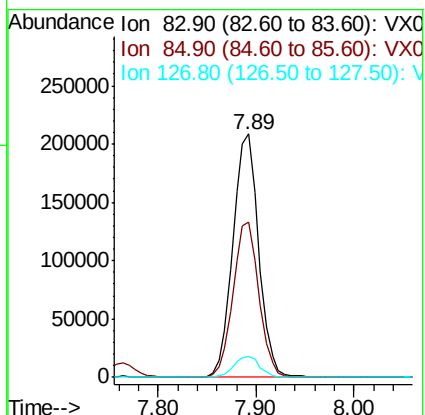
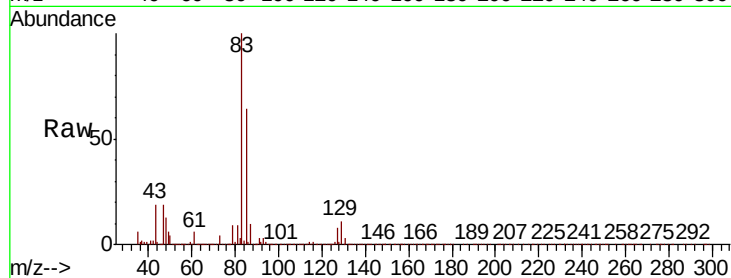
Tot Ion: 83 Resp: 379727

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.8

127 8.3 7.0 10.4



#48

Methyl methacrylate

Concen: 47.668 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

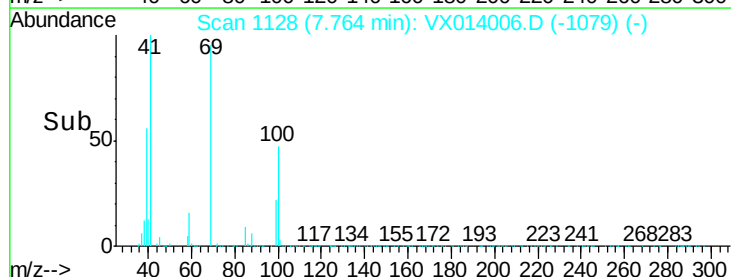
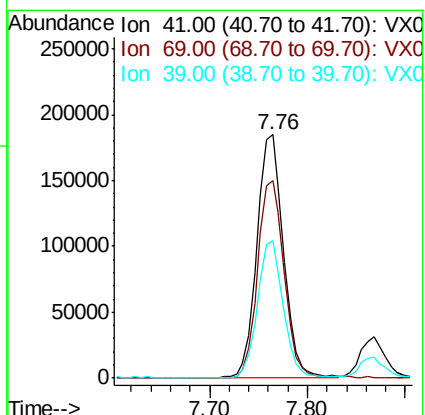
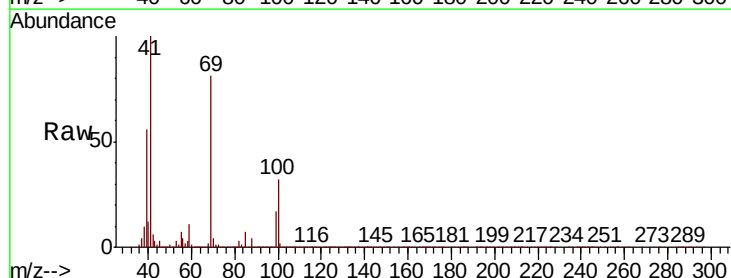
Tgt Ion: 41 Resp: 346435

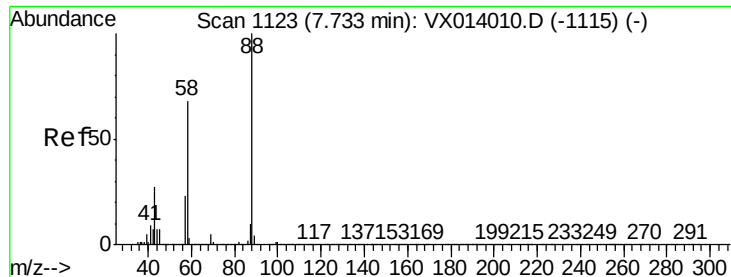
Ion Ratio Lower Upper

41 100

69 81.4 65.8 98.6

39 54.7 44.6 67.0





#49

1,4-Dioxane

Concen: 853.530 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

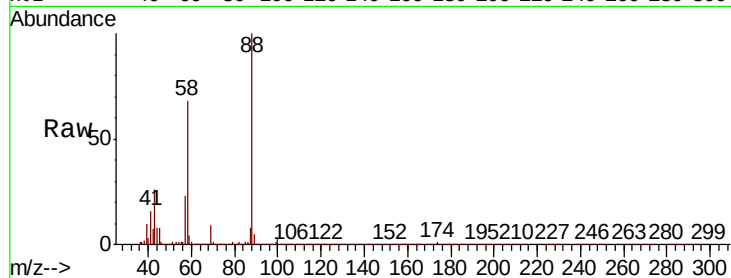
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 126235

Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.5	39.7
58	72.9	56.8	85.2

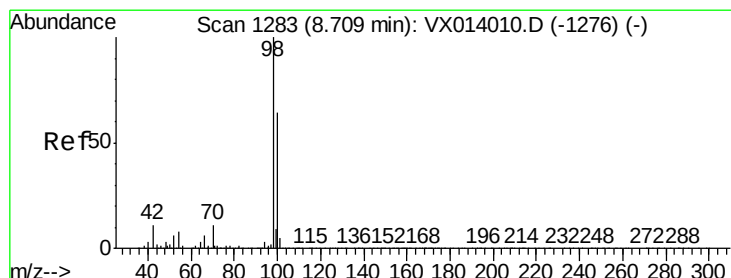
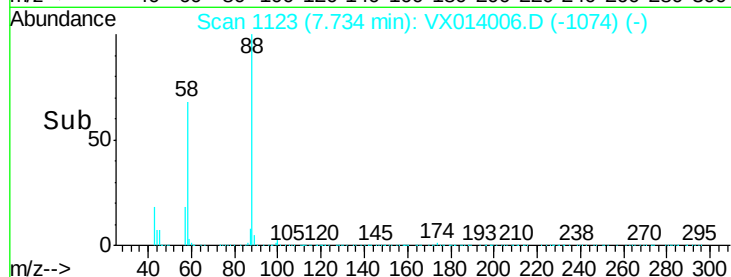
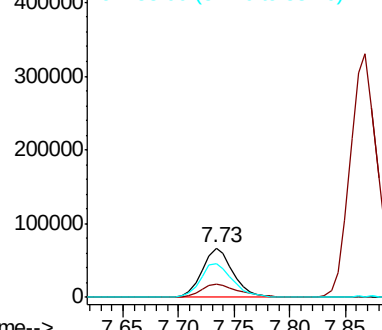


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.455 ug/l

RT: 8.71 min Scan# 1283

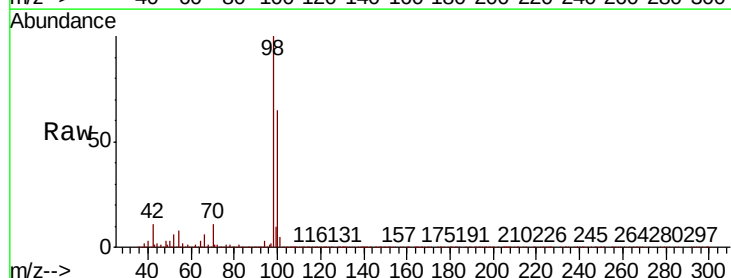
Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Tgt Ion: 98 Resp: 973094

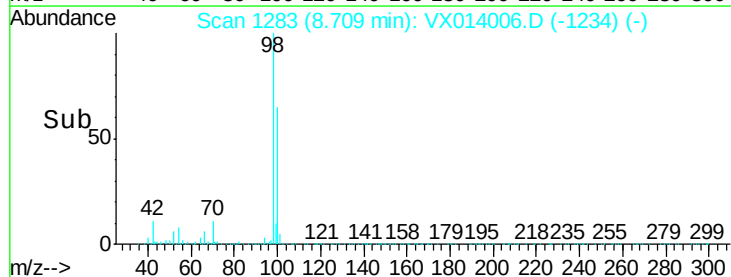
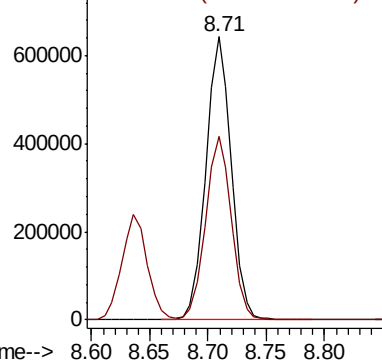
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3

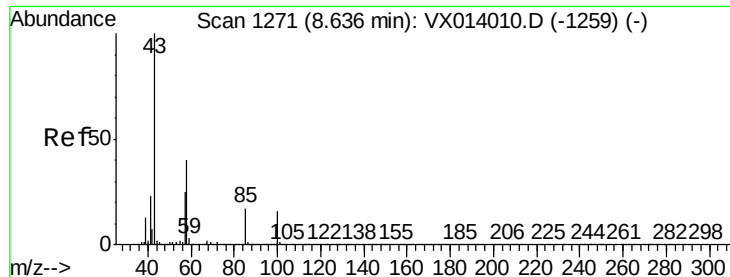


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 239.496 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

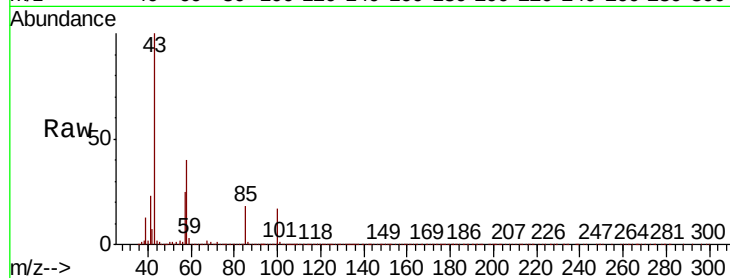
VSTDCCC050

Tot Ion: 43 Resp: 2232315

Ion Ratio Lower Upper

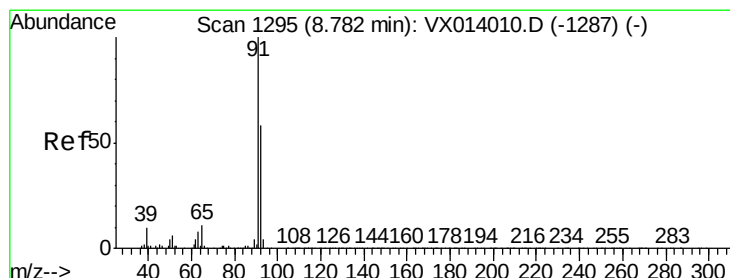
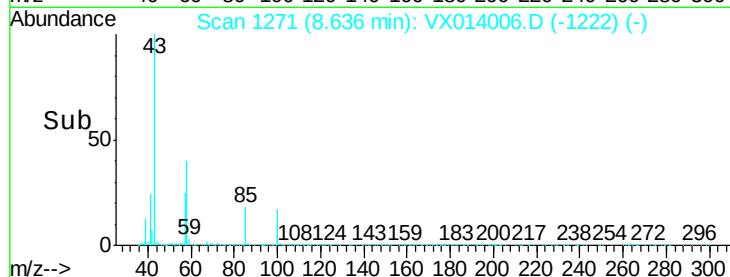
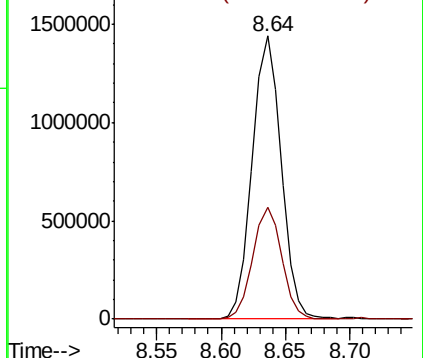
43 100

58 39.7 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 44.750 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014006.D

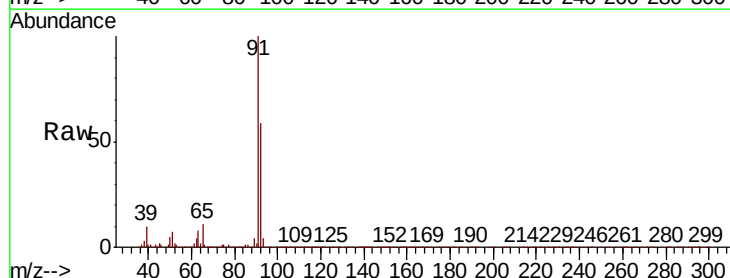
Acq: 13 Dec 2019 14:08

Tgt Ion: 92 Resp: 706793

Ion Ratio Lower Upper

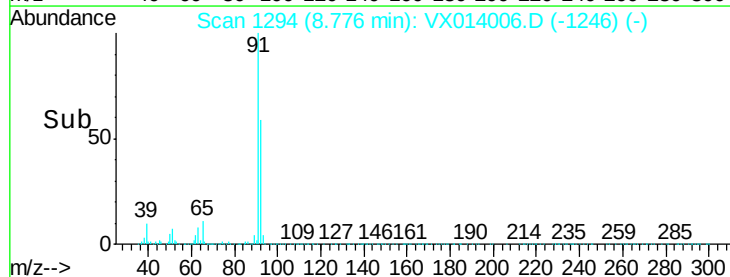
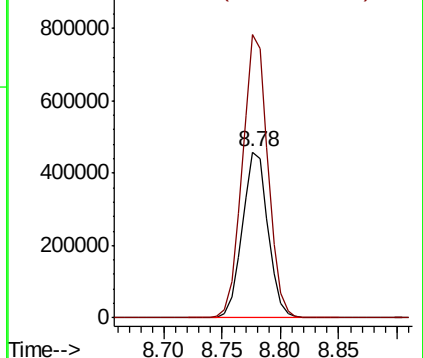
92 100

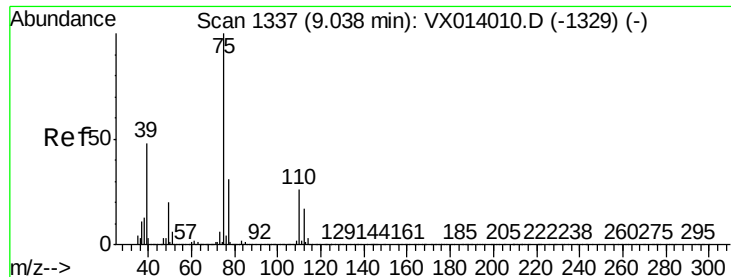
91 169.9 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.539 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

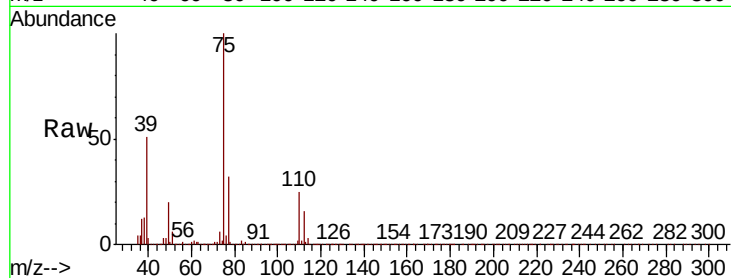
VSTDCCC050

Tot Ion: 75 Resp: 433197

Ion Ratio Lower Upper

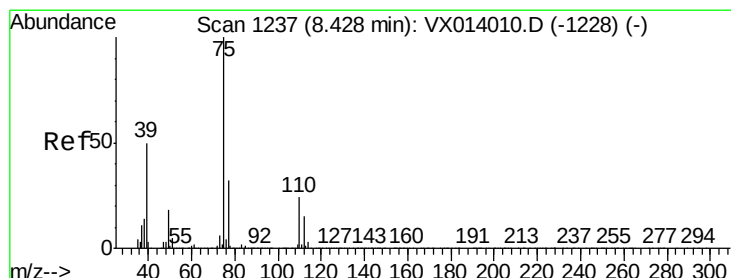
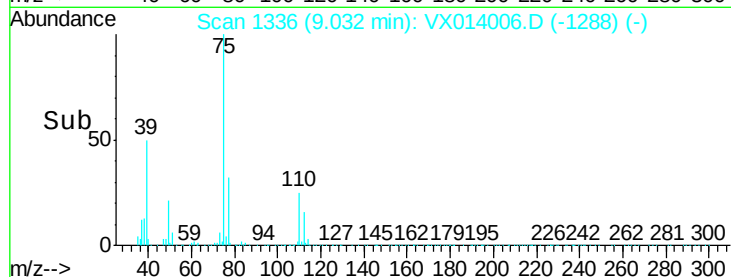
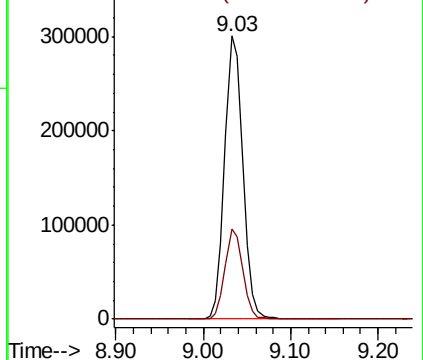
75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.181 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

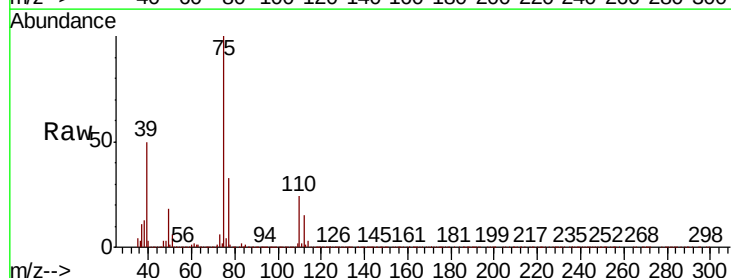
Tgt Ion: 75 Resp: 479122

Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

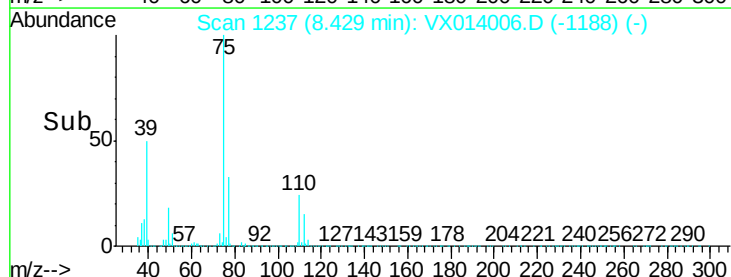
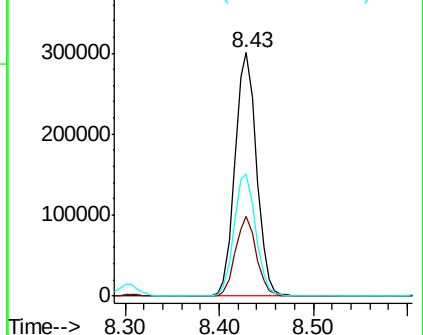
39 50.2 39.9 59.9

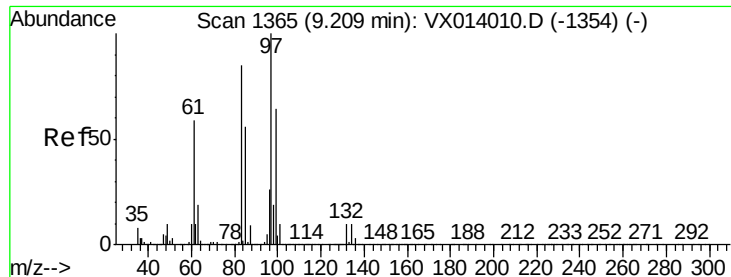


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

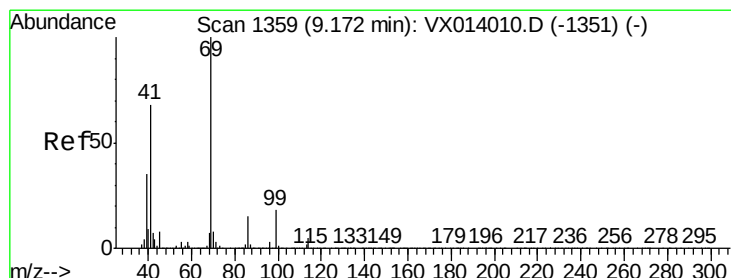
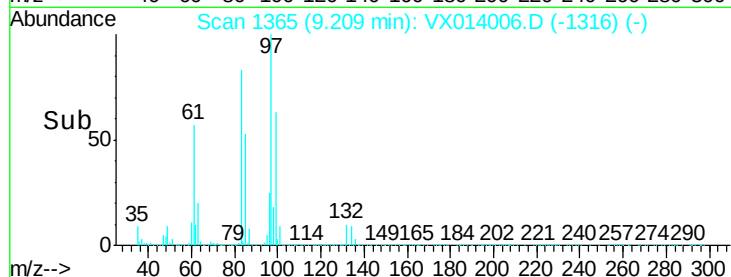
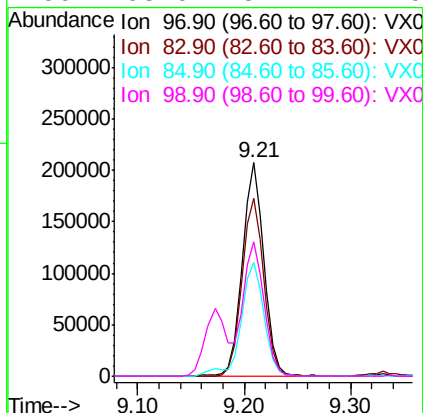
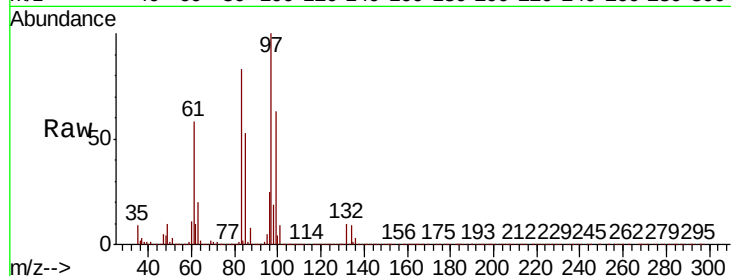




#55
 1,1,2-Trichloroethane
 Concen: 46.456 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

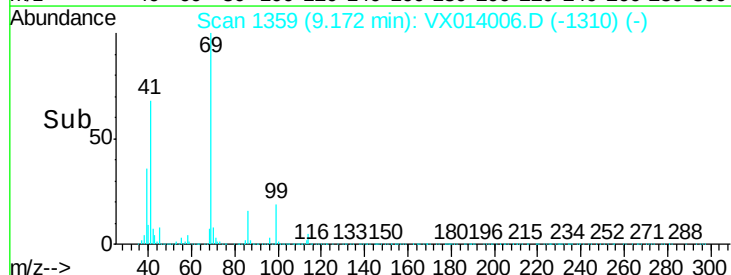
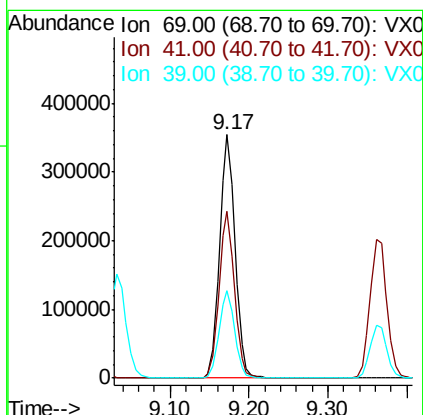
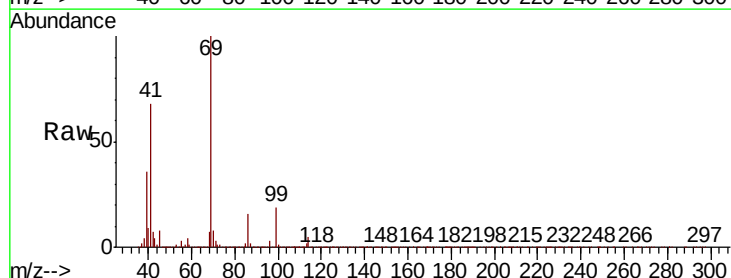
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

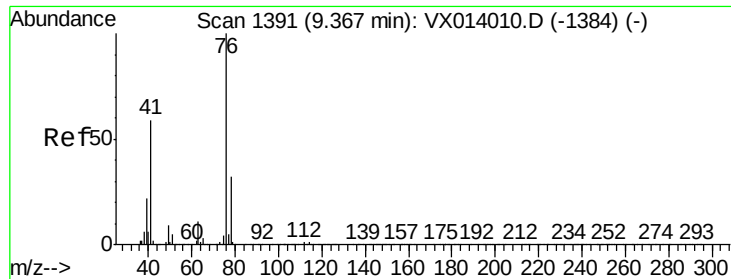
Tot Ion:	97	Resp:	294071
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.2	102.4
85	53.2	44.6	66.8
99	63.0	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 48.907 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Tgt Ion:	69	Resp:	486313
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.8	82.2
39	35.8	28.3	42.5

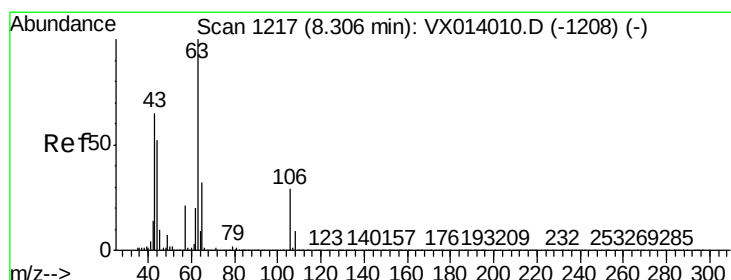
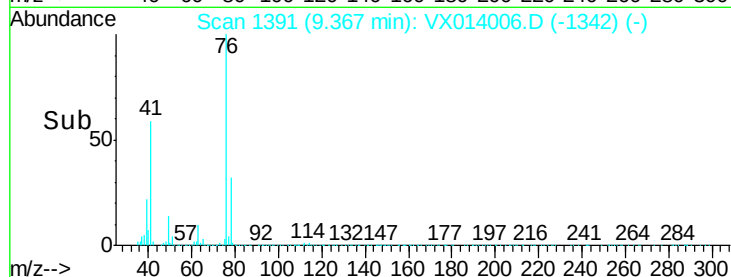
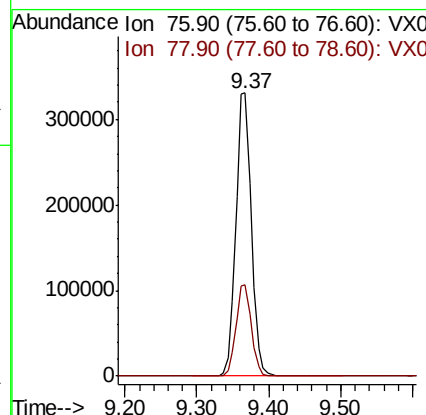
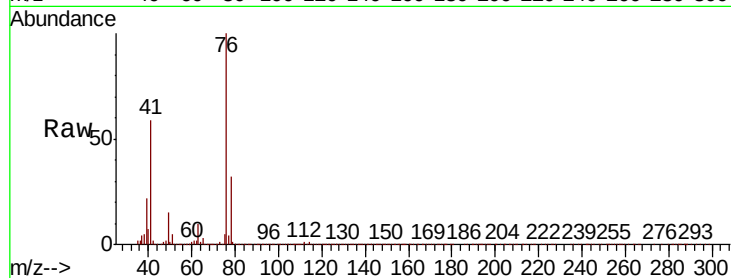




#57
 1,3-Dichloropropane
 Concen: 46.855 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

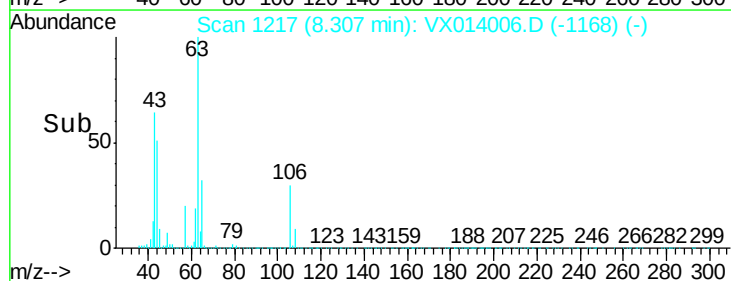
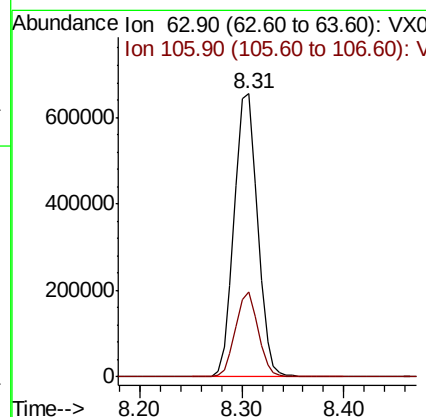
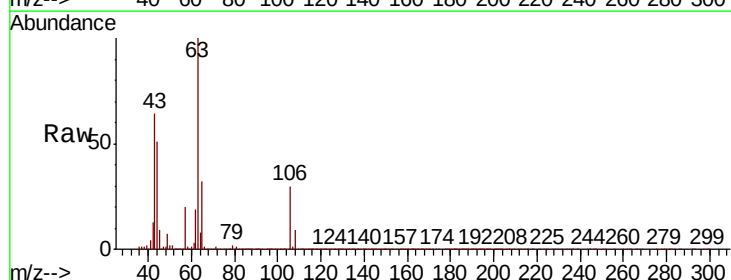
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

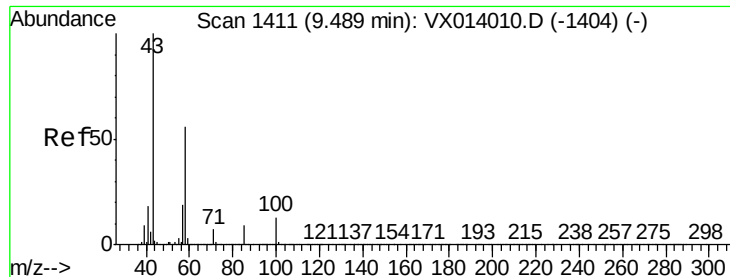
Tot Ion: 76 Resp: 499026
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.964 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Tgt Ion: 63 Resp: 1038455
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.0 34.6

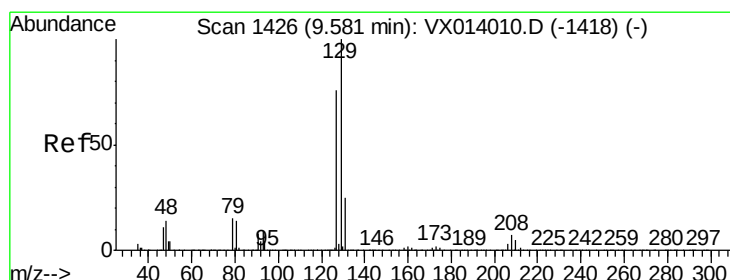
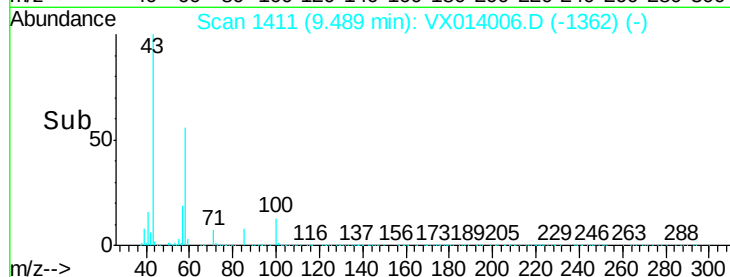
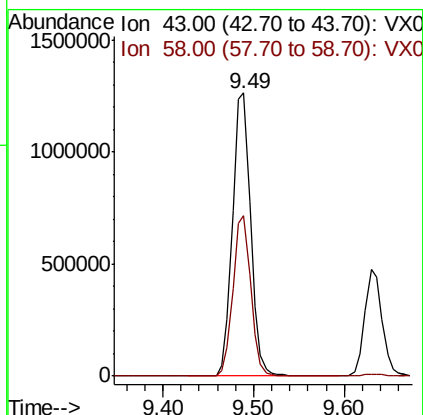
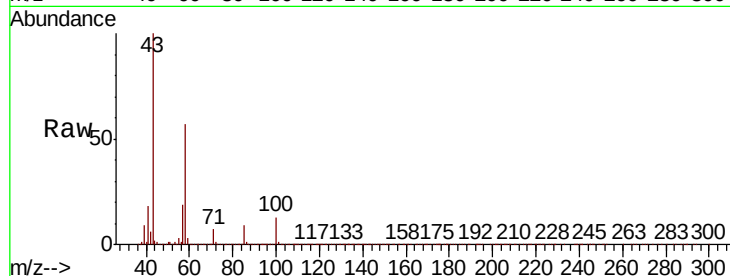




#59
2-Hexanone
Concen: 234.368 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

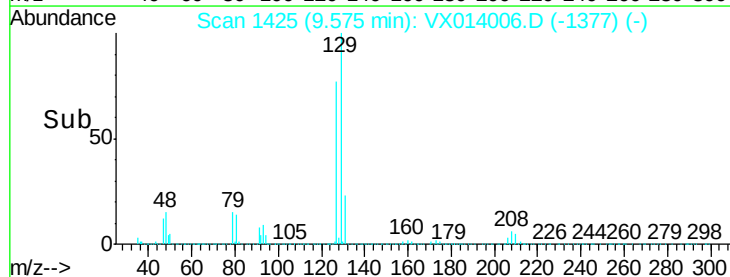
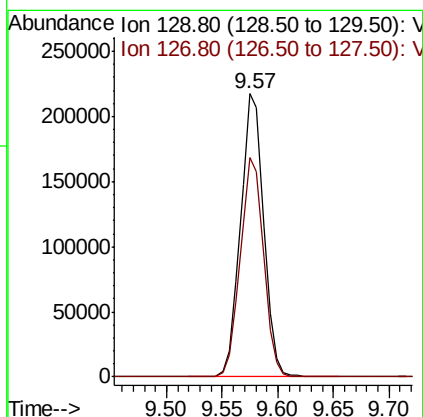
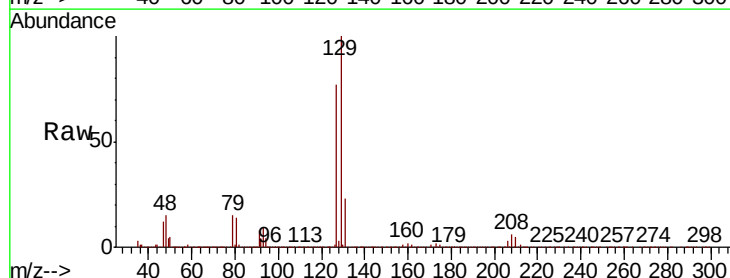
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

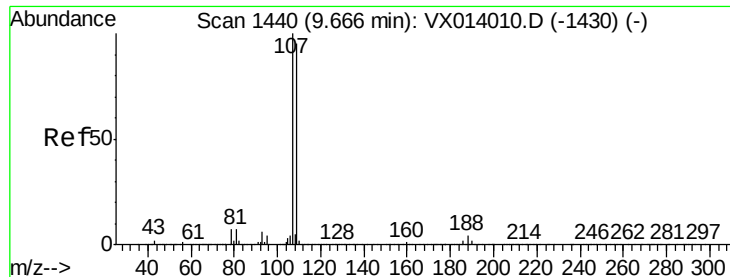
Tot Ion: 43 Resp: 1758545
Ion Ratio Lower Upper
43 100
58 55.7 28.0 84.0



#60
Dibromochloromethane
Concen: 49.799 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion: 129 Resp: 313347
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 46.458 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

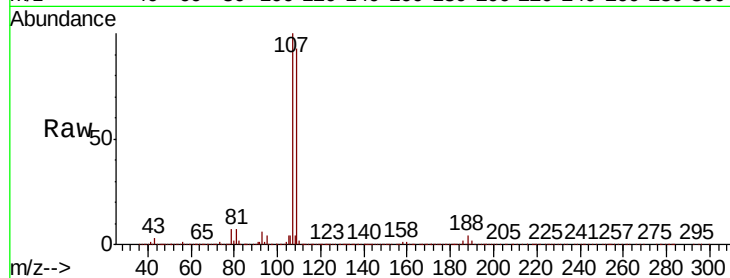
VSTDCCC050

Tot Ion: 107 Resp: 300894

Ion Ratio Lower Upper

107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

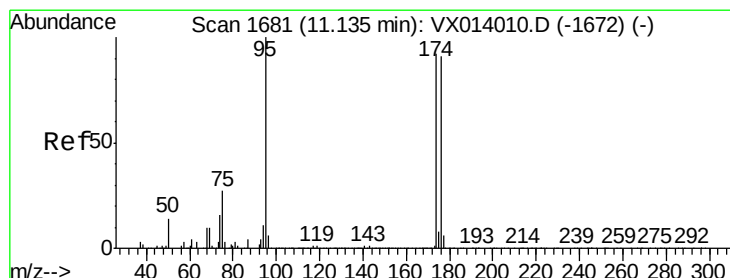
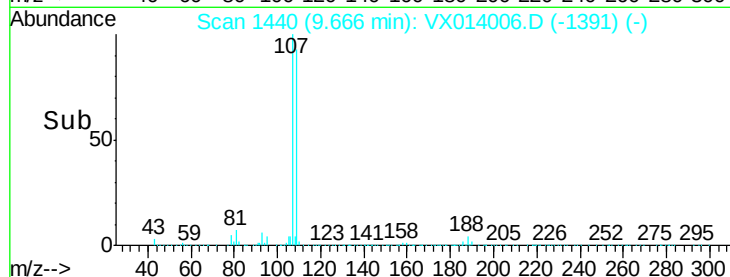
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 49.219 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

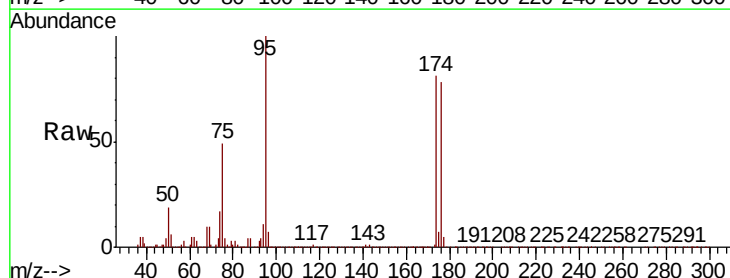
Tgt Ion: 95 Resp: 376878

Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.8

176 87.7 0.0 173.0



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

400000

300000

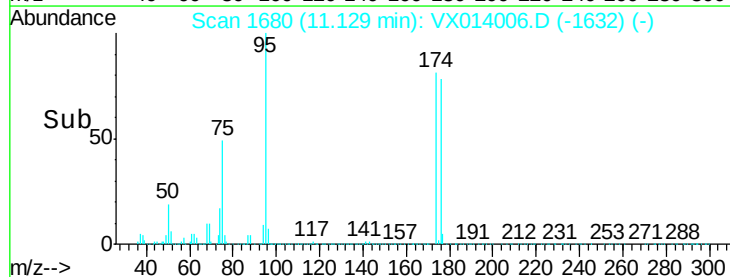
200000

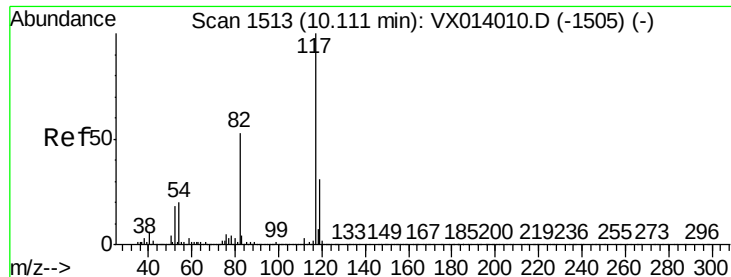
100000

0

Time-->

11.10 11.20

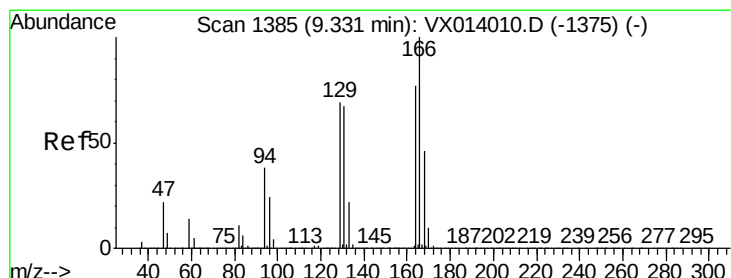
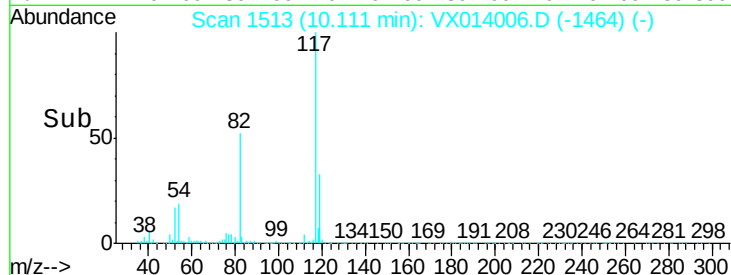
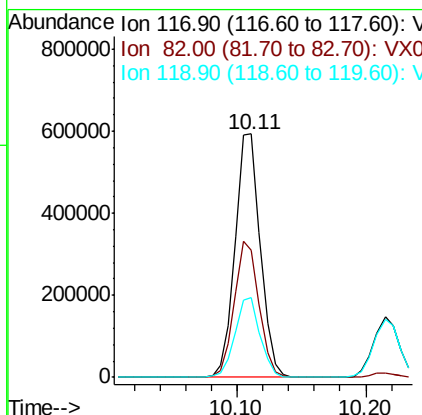
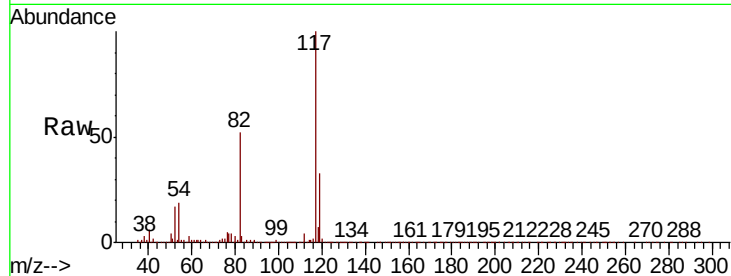




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

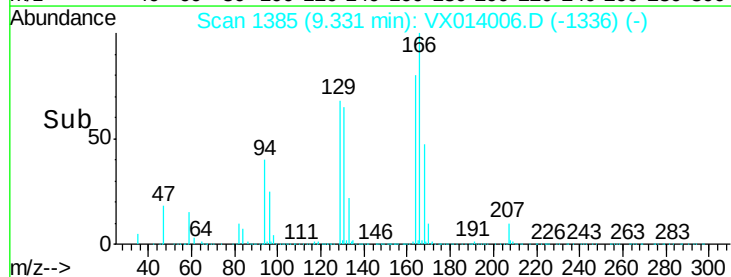
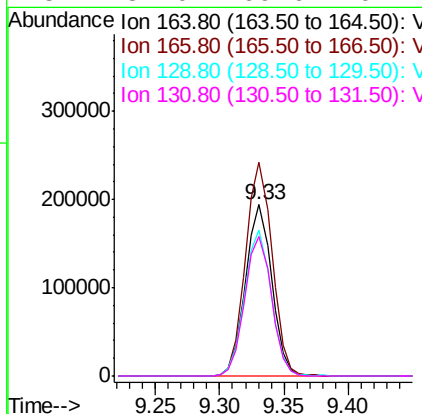
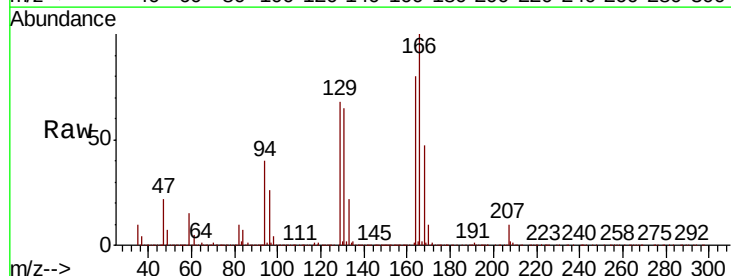
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

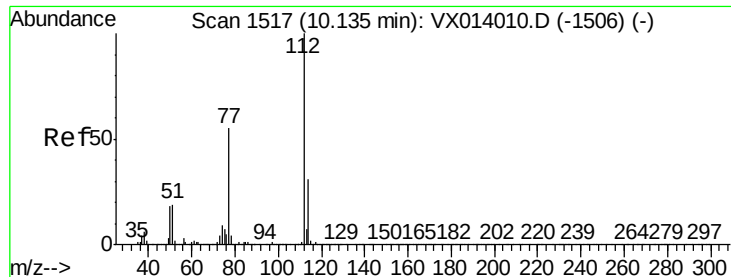
Tot Ion:117 Resp: 812682
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.4
119 32.9 25.1 37.7



#64
Tetrachloroethene
Concen: 37.909 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion:164 Resp: 272610
Ion Ratio Lower Upper
164 100
166 124.7 104.0 156.0
129 85.1 72.2 108.4
131 81.0 69.6 104.4





#65

Chlorobenzene

Concen: 44.856 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

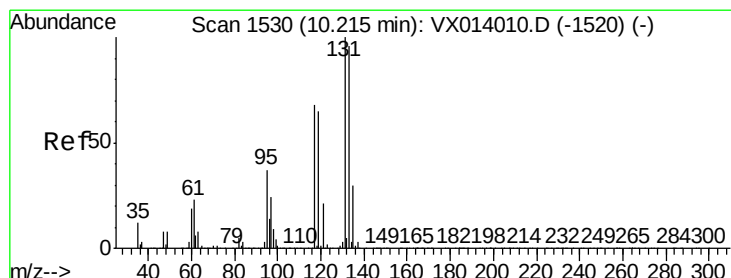
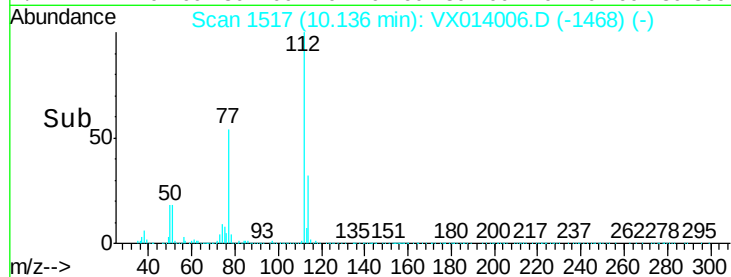
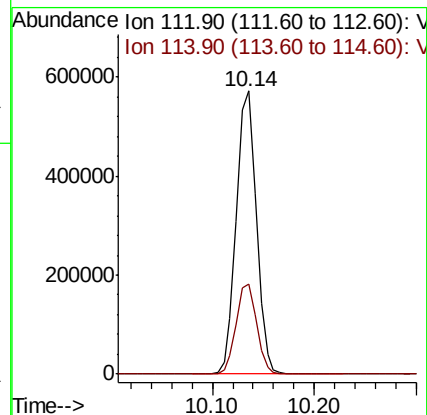
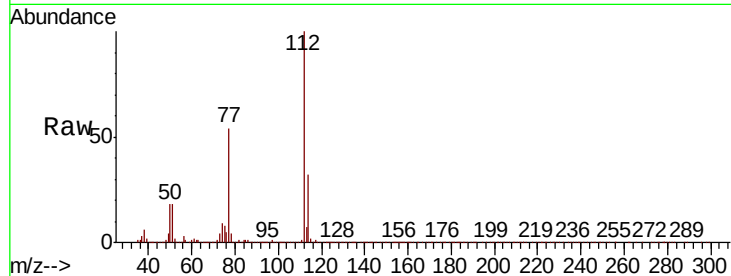
VSTDCCC050

Tot Ion:112 Resp: 775091

Ion Ratio Lower Upper

112 100

114 31.9 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 47.345 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

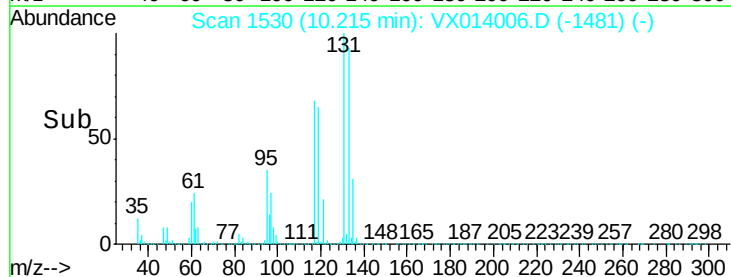
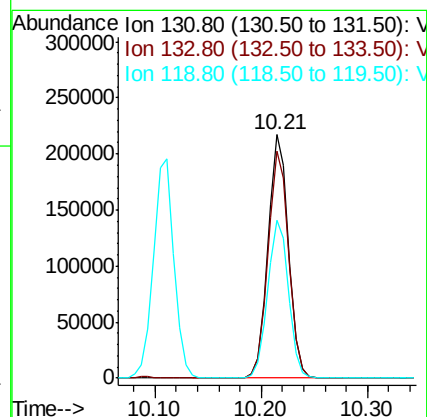
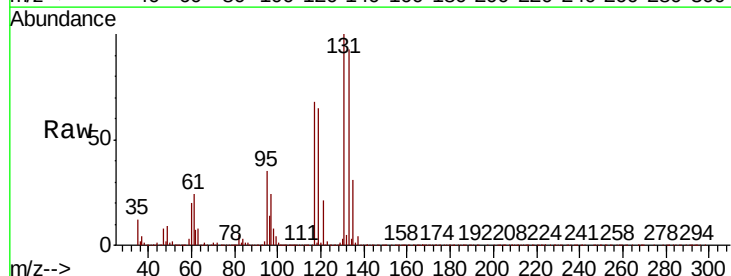
Tgt Ion:131 Resp: 292112

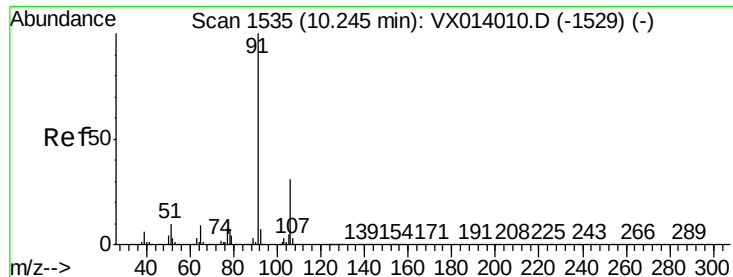
Ion Ratio Lower Upper

131 100

133 94.4 48.0 144.0

119 66.1 33.4 100.2

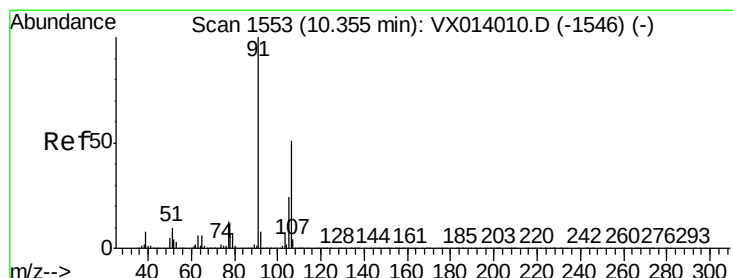
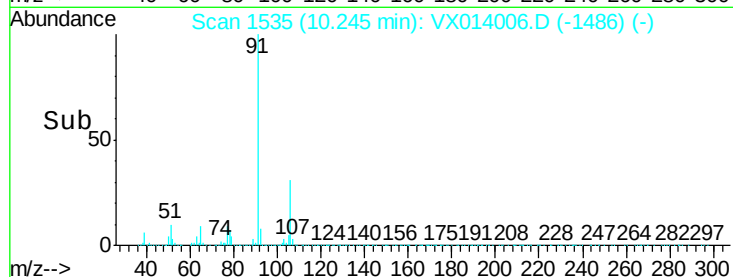
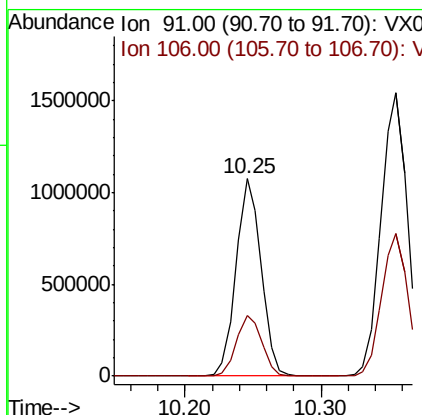
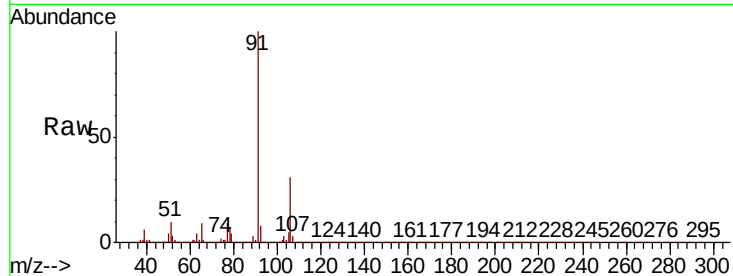




#67
Ethyl Benzene
Concen: 46.315 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

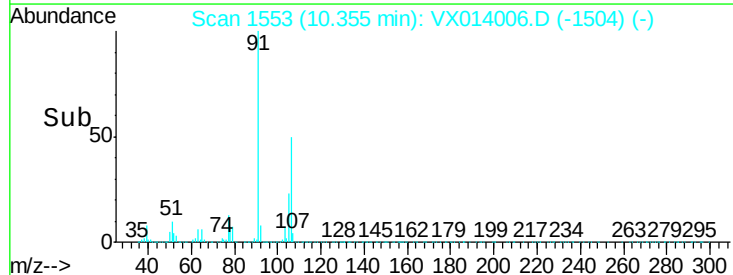
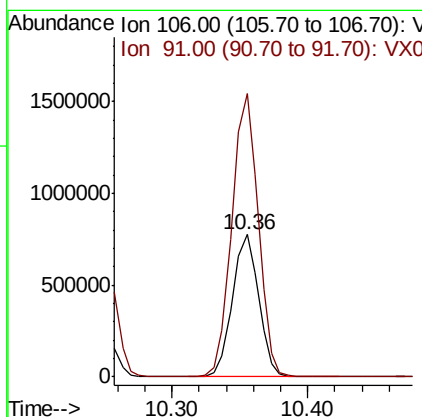
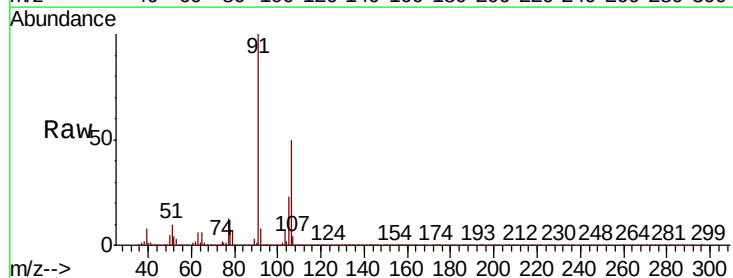
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

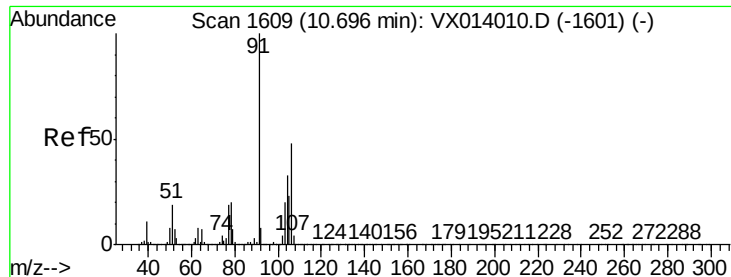
Tot Ion: 91 Resp: 1375899
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 91.423 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion: 106 Resp: 1044598
Ion Ratio Lower Upper
106 100
91 199.3 158.6 238.0

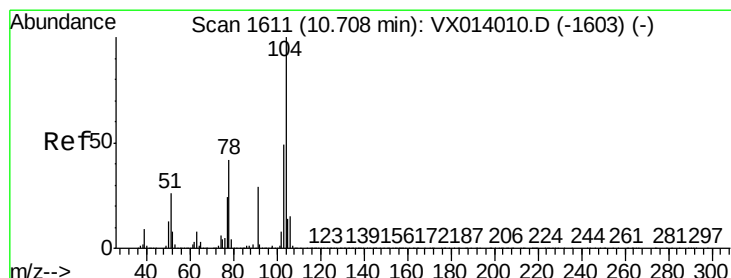
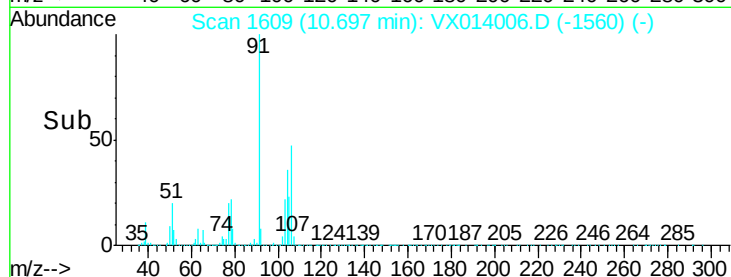
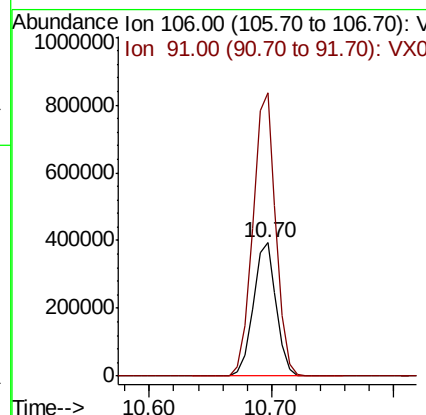
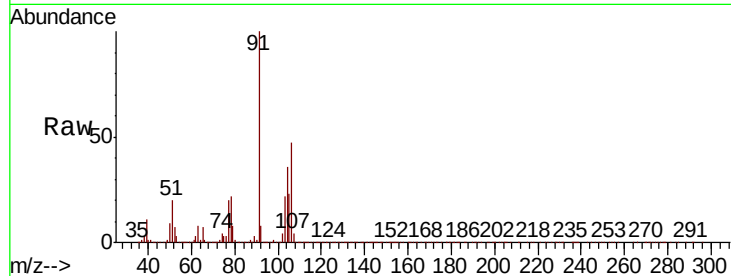




#69
o-Xylene
Concen: 45.489 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

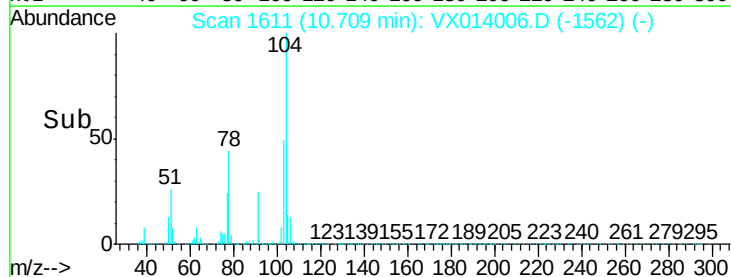
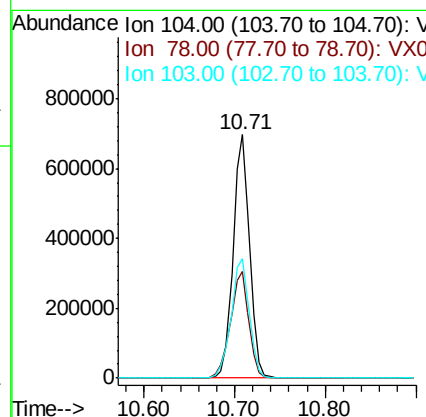
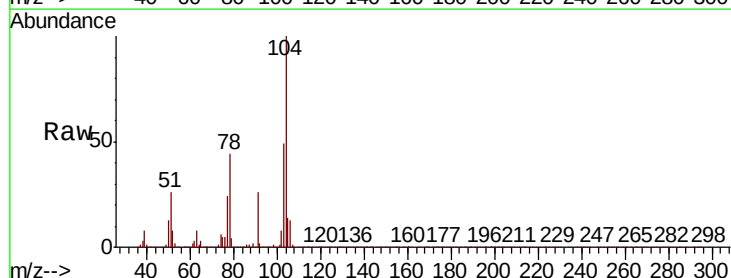
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

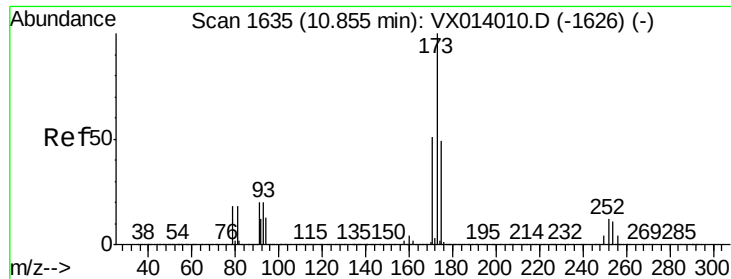
Tot Ion:106 Resp: 509751
Ion Ratio Lower Upper
106 100
91 212.1 104.2 312.6



#70
Styrene
Concen: 47.044 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion:104 Resp: 891455
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 54.1 42.9 64.3





#71

Bromoform

Concen: 49.227 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

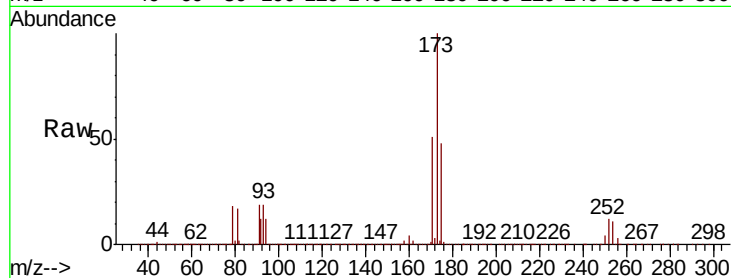
Tot Ion:173 Resp: 244139

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.4

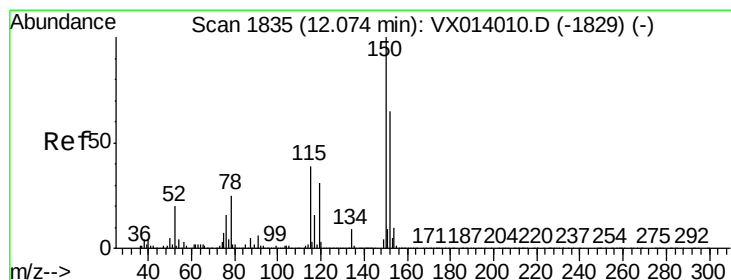
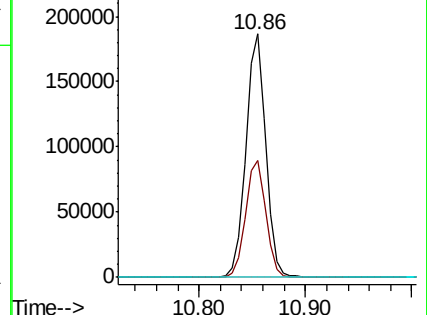
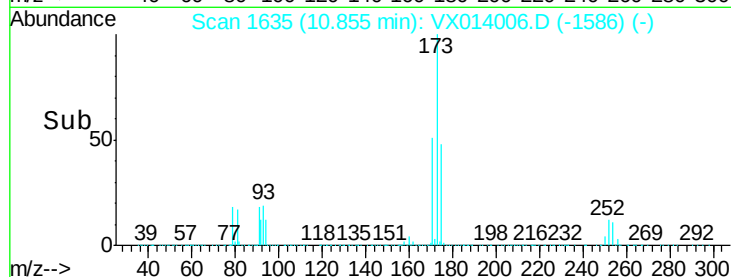
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

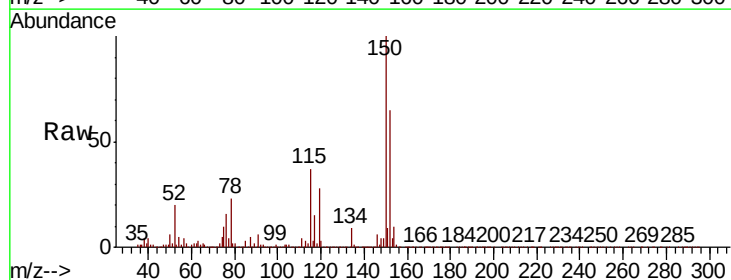
Tgt Ion:152 Resp: 430389

Ion Ratio Lower Upper

152 100

115 75.8 38.3 114.9

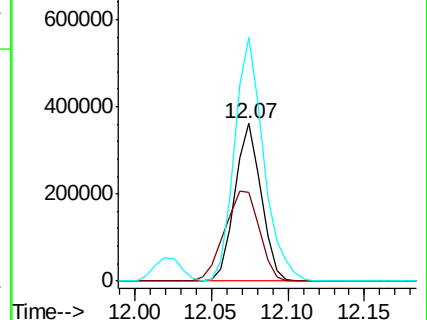
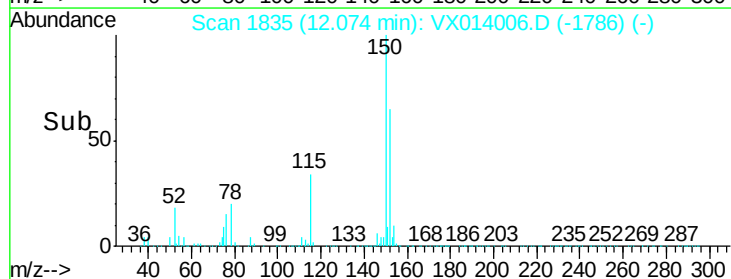
150 171.0 0.0 345.4

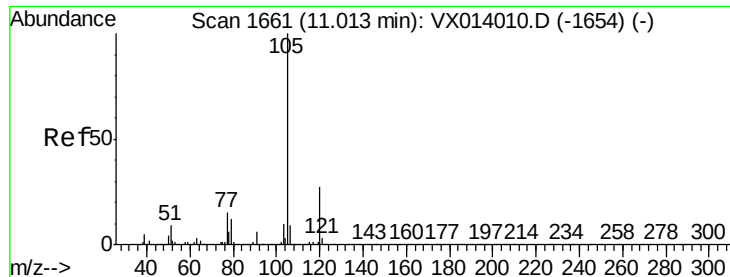


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.758 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

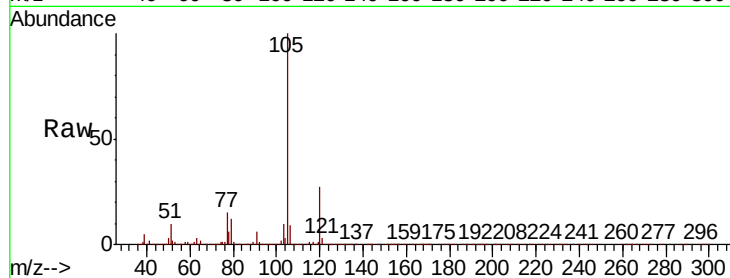
VSTDCCC050

Tot Ion:105 Resp: 1356286

Ion Ratio Lower Upper

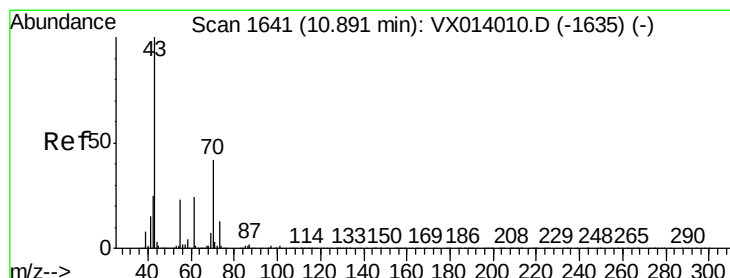
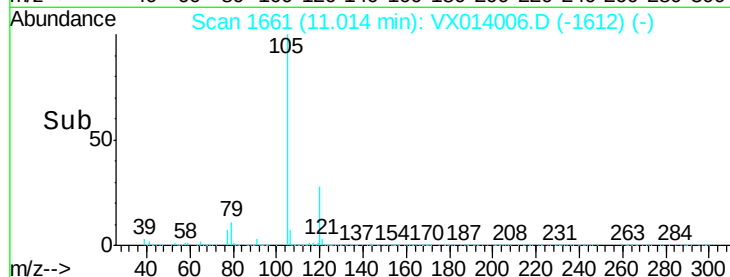
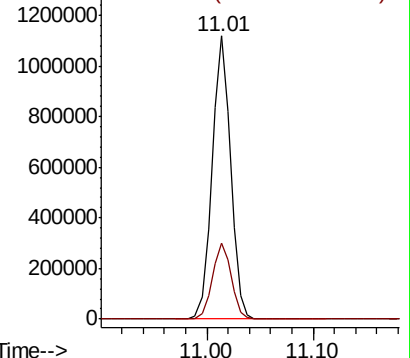
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.256 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Tgt Ion: 43 Resp: 657021

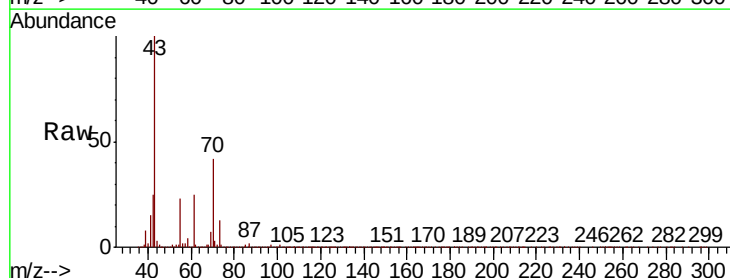
Ion Ratio Lower Upper

43 100

70 42.5 34.4 51.6

55 23.7 19.1 28.7

61 24.8 19.7 29.5

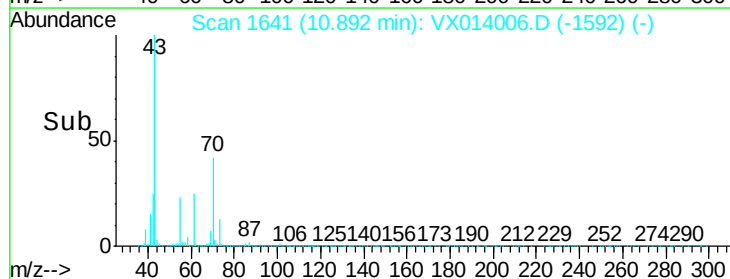
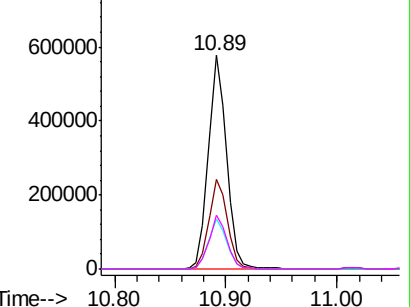


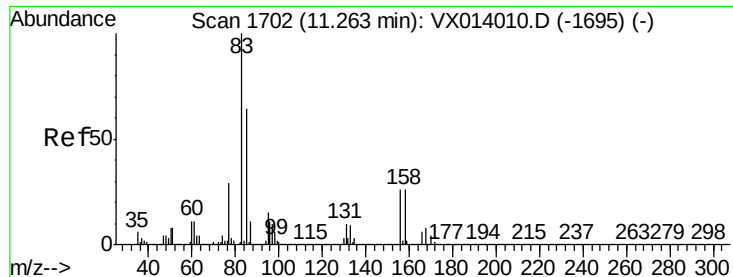
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.775 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

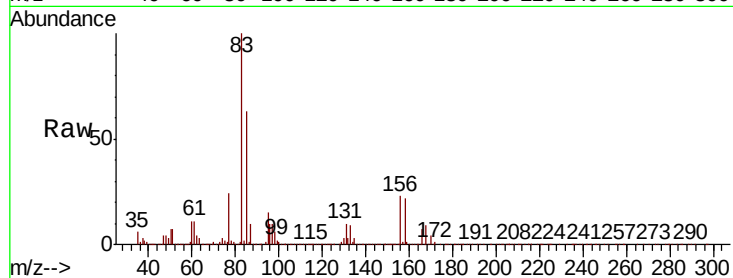
Tot Ion: 83 Resp: 491406

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

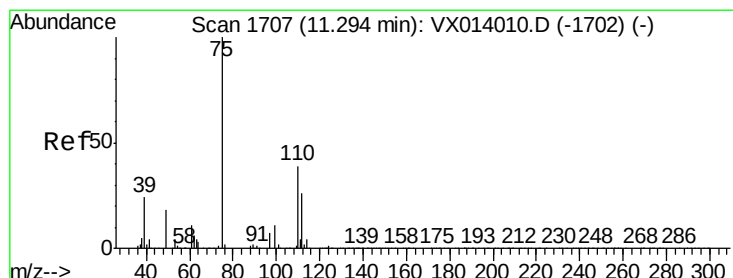
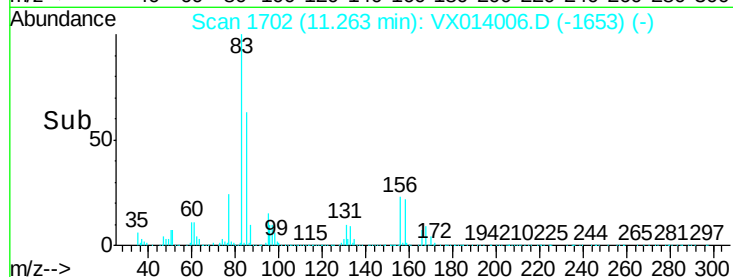
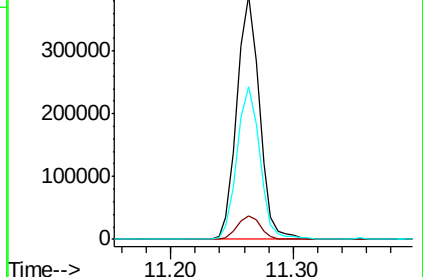
85 63.7 31.9 95.7



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: 56.483 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014006.D

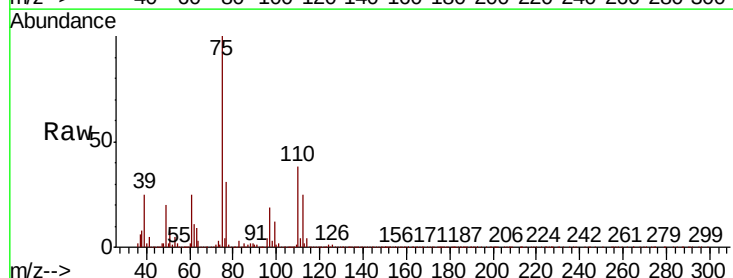
Acq: 13 Dec 2019 14:08

Tgt Ion: 75 Resp: 549449

Ion Ratio Lower Upper

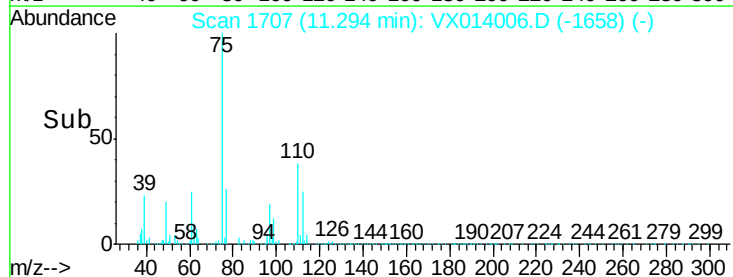
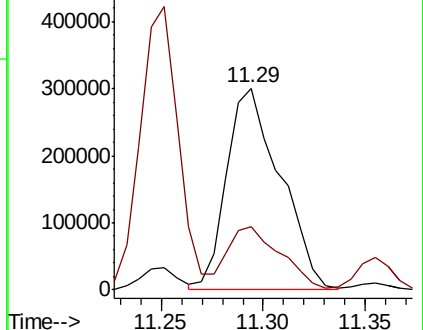
75 100

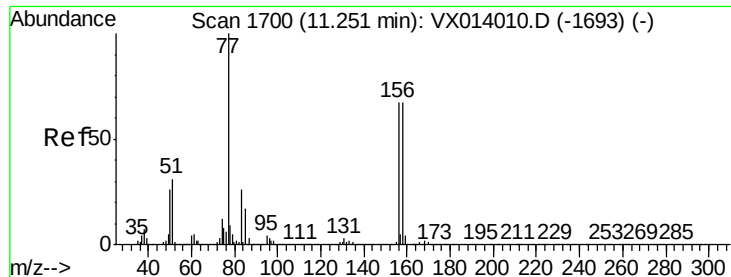
77 30.2 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.524 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

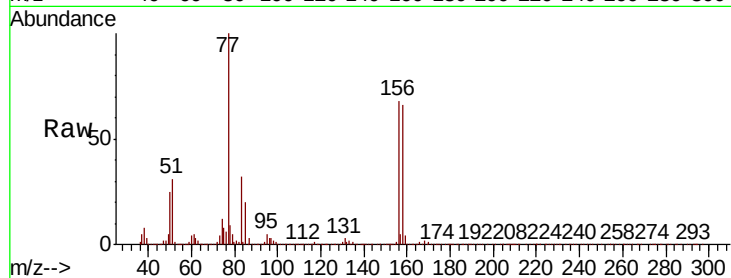
Tot Ion:156 Resp: 362878

Ion Ratio Lower Upper

156 100

77 151.5 76.5 229.5

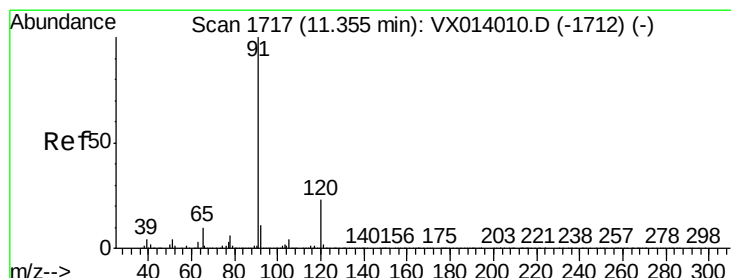
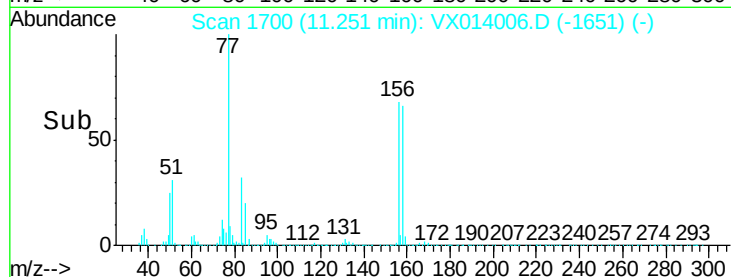
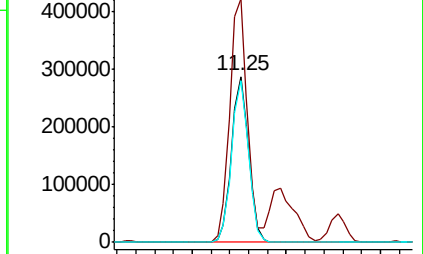
158 96.7 49.3 147.9



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: 45.766 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014006.D

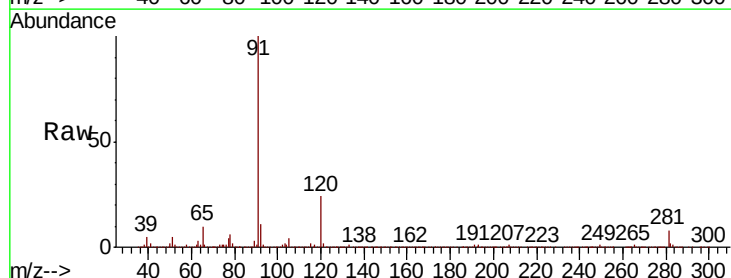
Acq: 13 Dec 2019 14:08

Tgt Ion: 91 Resp: 1555577

Ion Ratio Lower Upper

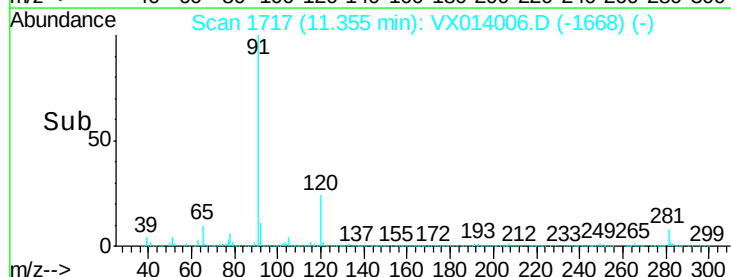
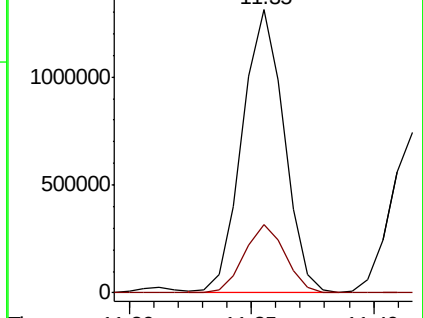
91 100

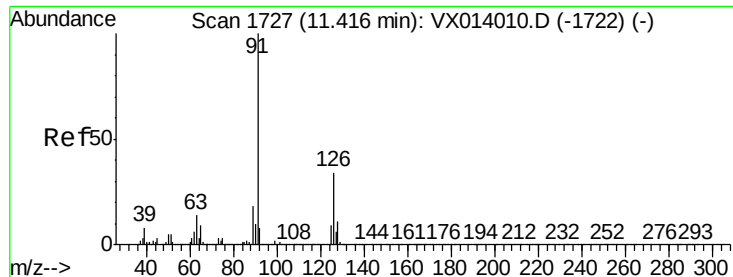
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.743 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

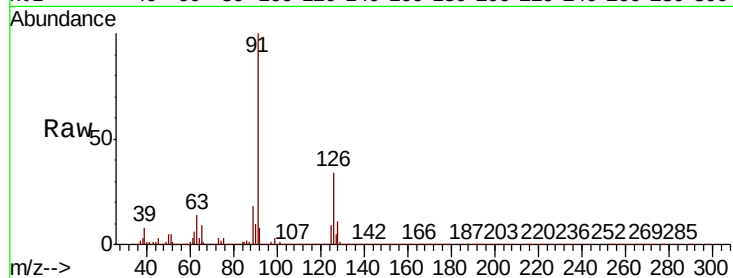
VSTDCCC050

Tot Ion: 91 Resp: 924469

Ion Ratio Lower Upper

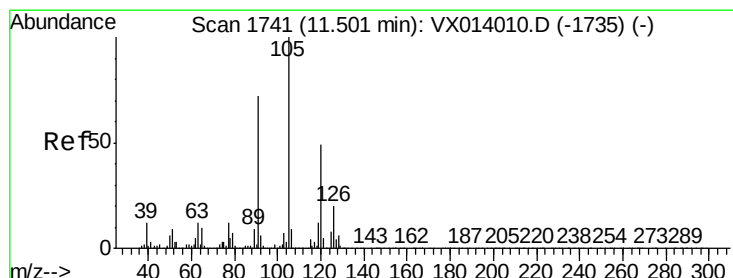
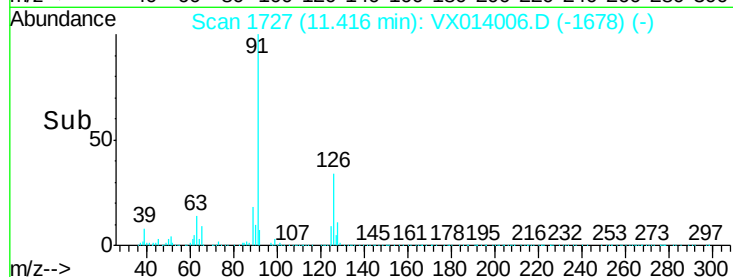
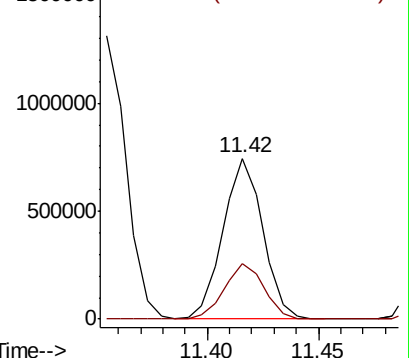
91 100

126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 45.613 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014006.D

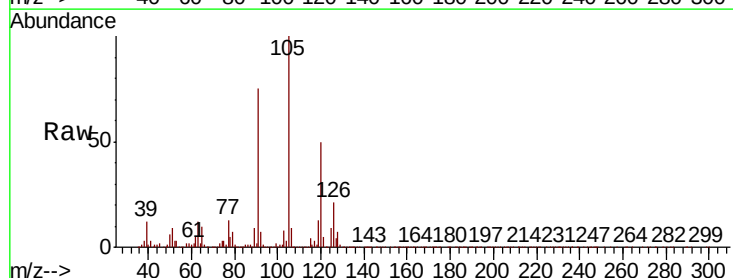
Acq: 13 Dec 2019 14:08

Tgt Ion:105 Resp: 1163274

Ion Ratio Lower Upper

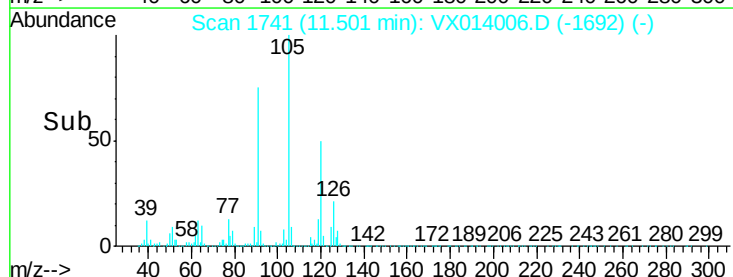
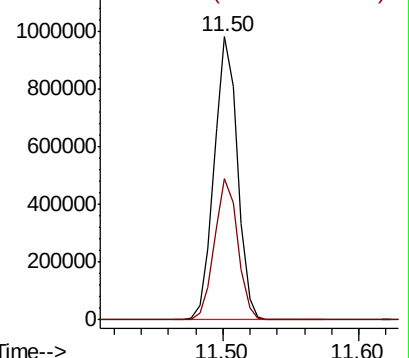
105 100

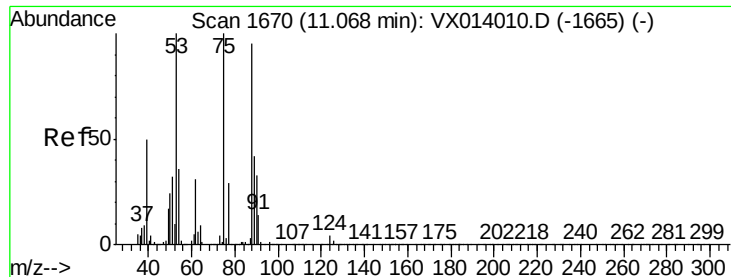
120 49.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.605 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

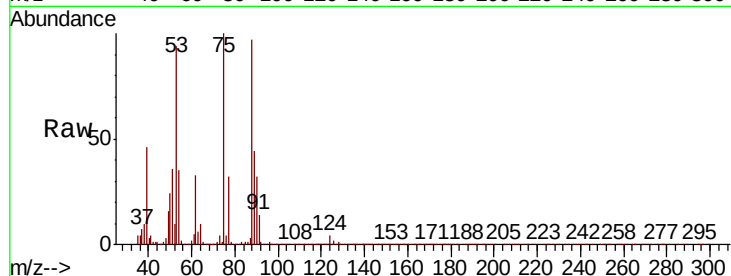
Tot Ion: 75 Resp: 160903

Ion Ratio Lower Upper

75 100

53 95.8 76.7 115.1

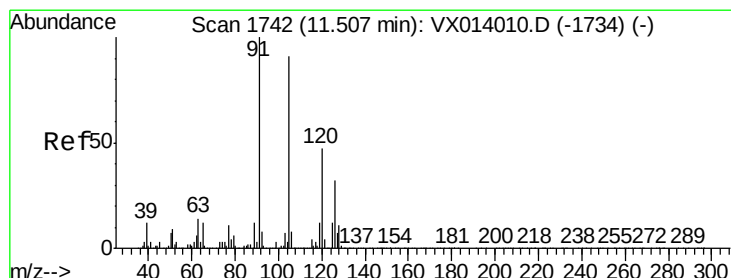
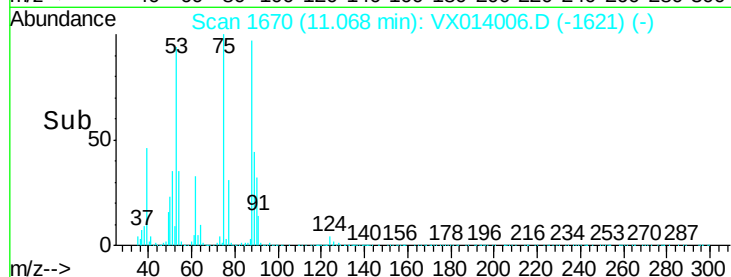
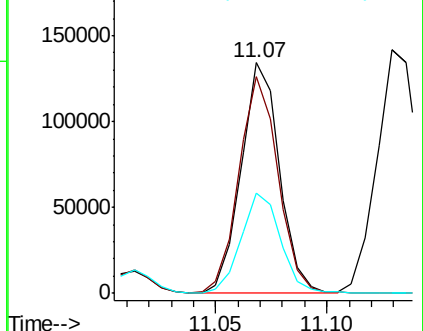
89 45.3 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 44.829 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014006.D

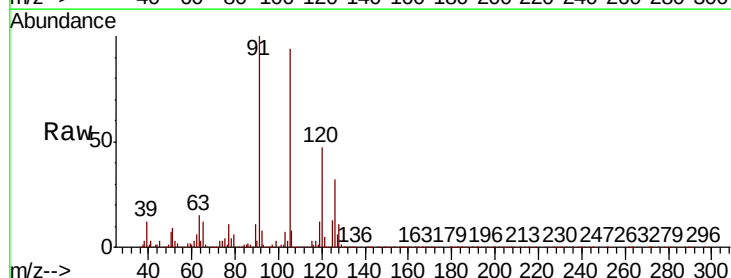
Acq: 13 Dec 2019 14:08

Tgt Ion: 91 Resp: 1074408

Ion Ratio Lower Upper

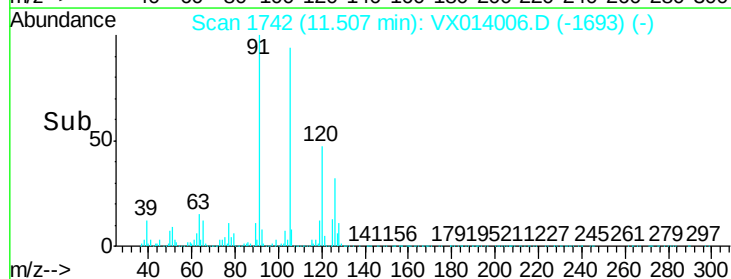
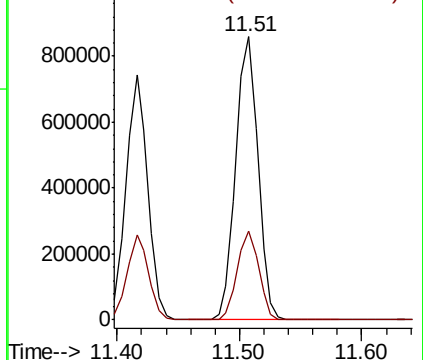
91 100

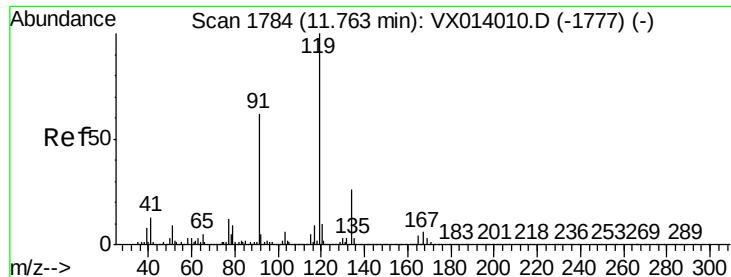
126 30.6 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.711 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

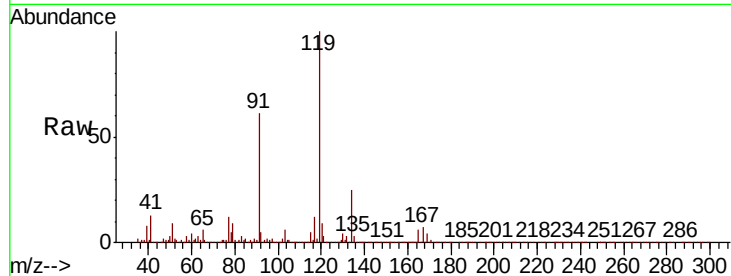
Tot Ion:119 Resp: 1184115

Ion Ratio Lower Upper

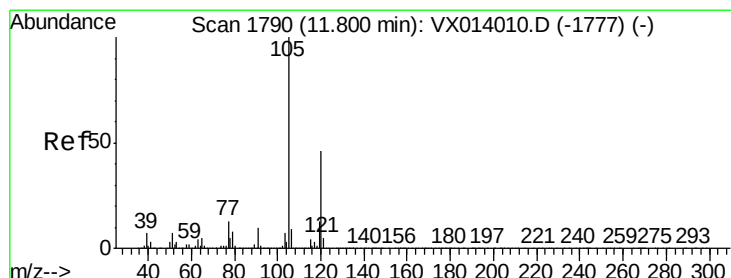
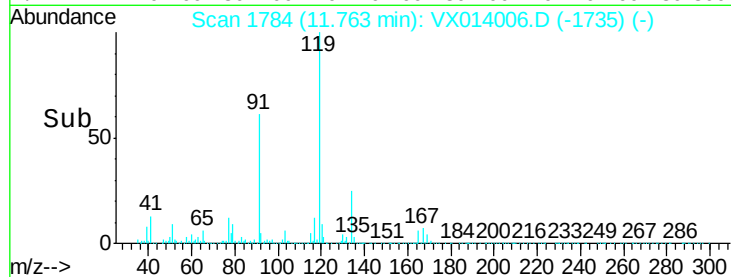
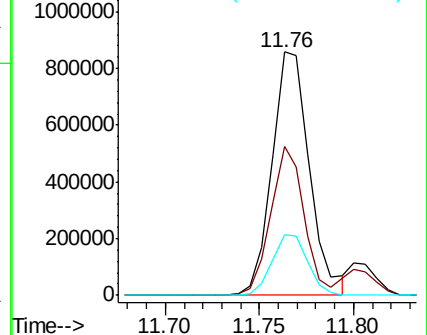
119 100

91 54.1 28.5 85.6

134 23.7 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 45.839 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014006.D

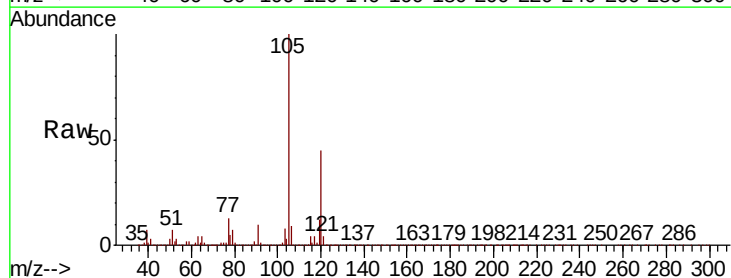
Acq: 13 Dec 2019 14:08

Tgt Ion:105 Resp: 1170718

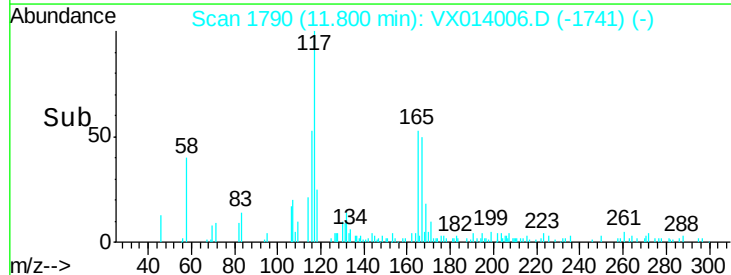
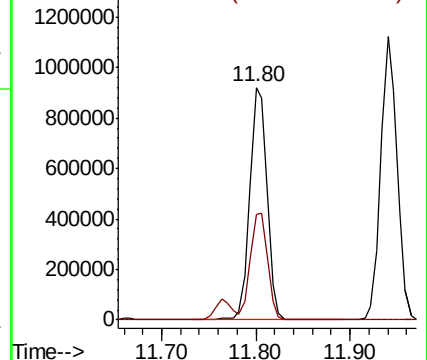
Ion Ratio Lower Upper

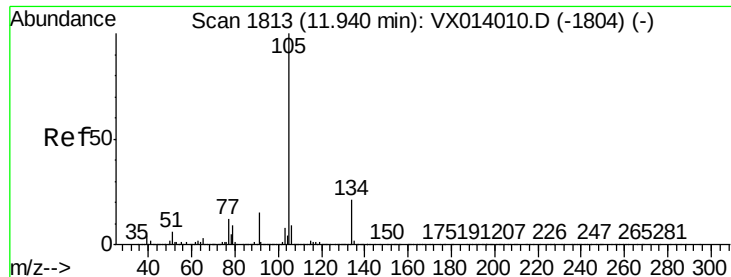
105 100

120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.041 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

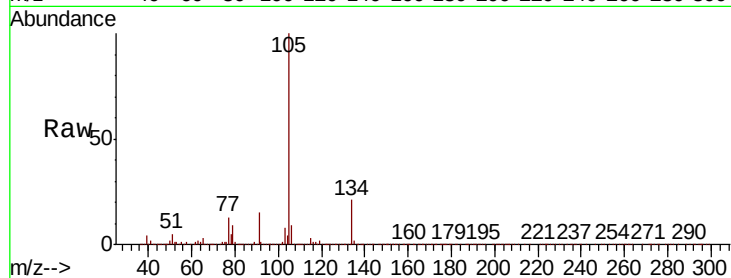
VSTDCCC050

Tot Ion:105 Resp: 1348949

Ion Ratio Lower Upper

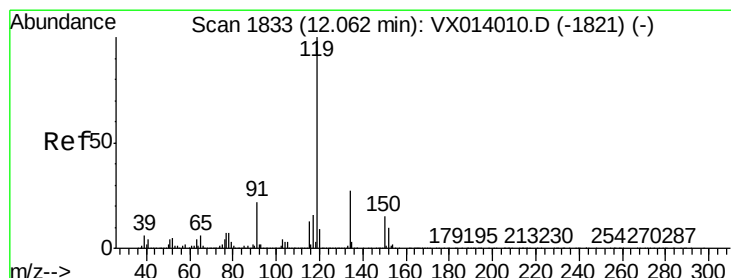
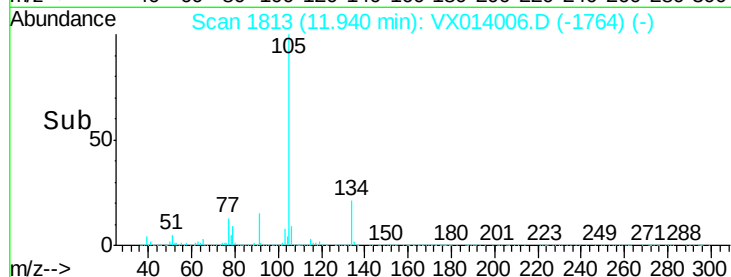
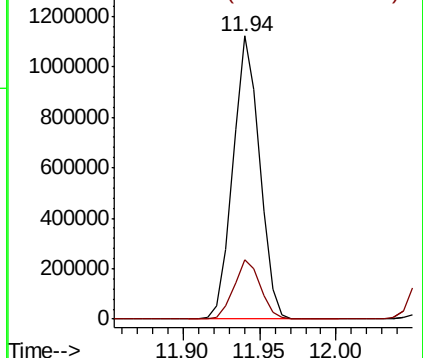
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.119 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

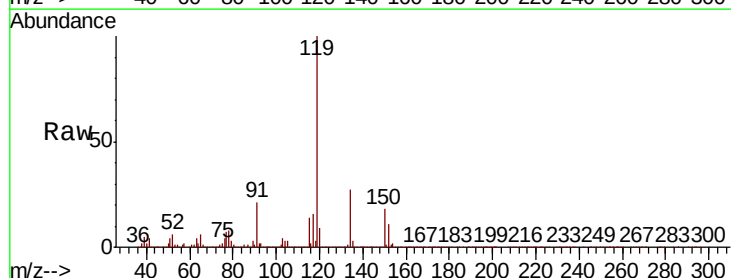
Tgt Ion:119 Resp: 1262816

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

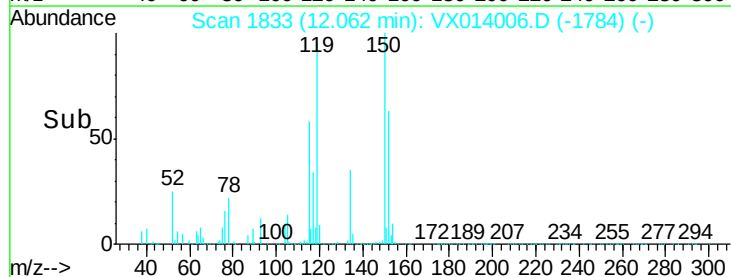
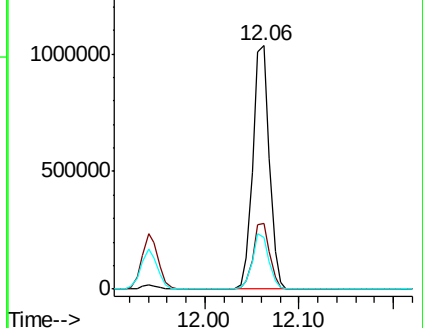
91 22.4 11.4 34.1

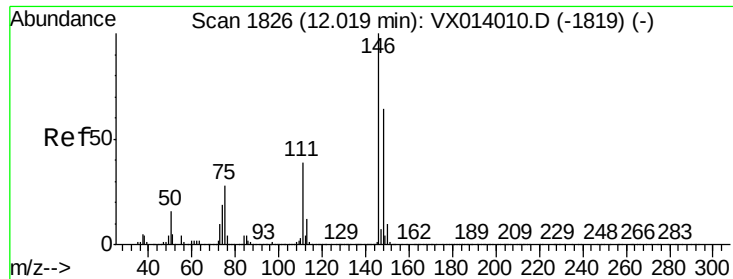


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 44.408 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

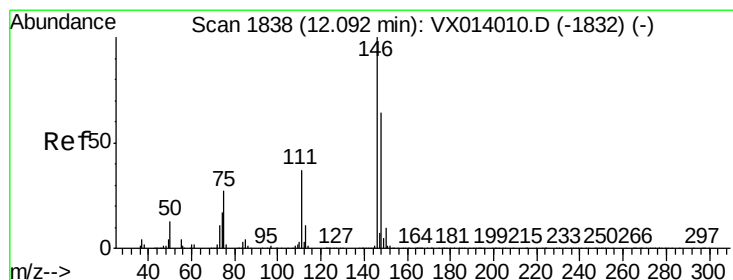
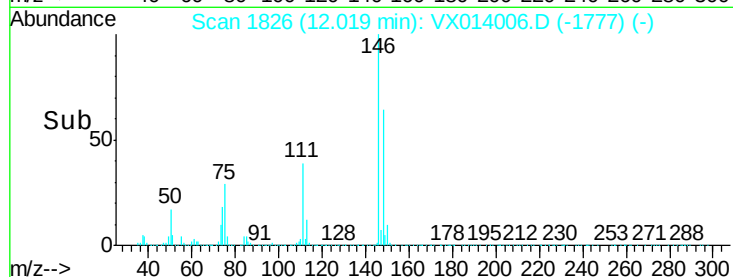
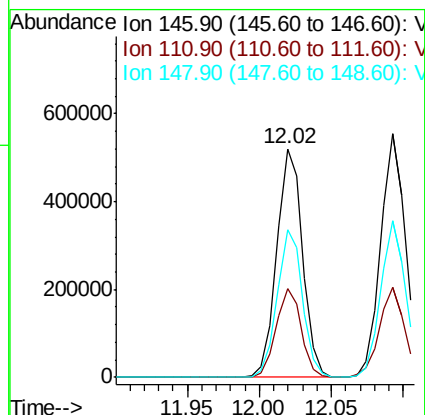
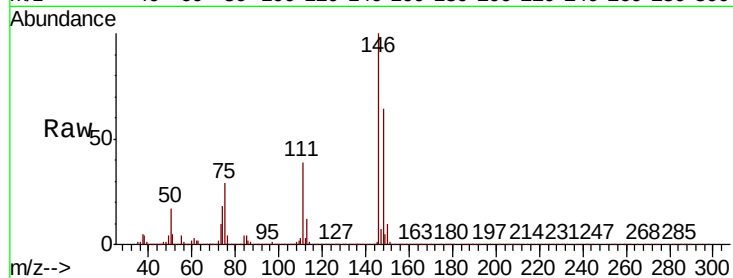
Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 648901

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	63.6	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 43.898 ug/l

RT: 12.09 min Scan# 1838

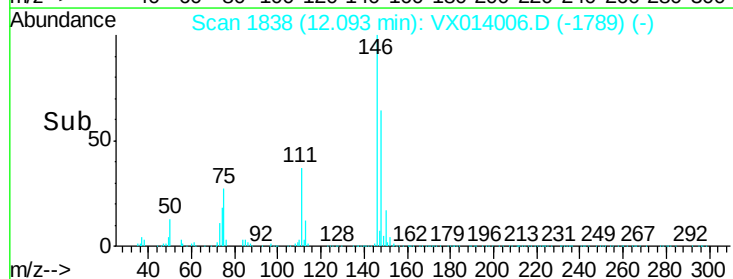
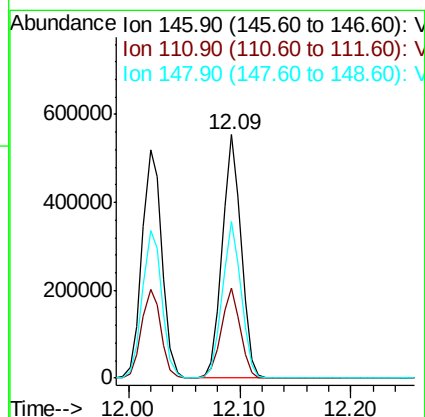
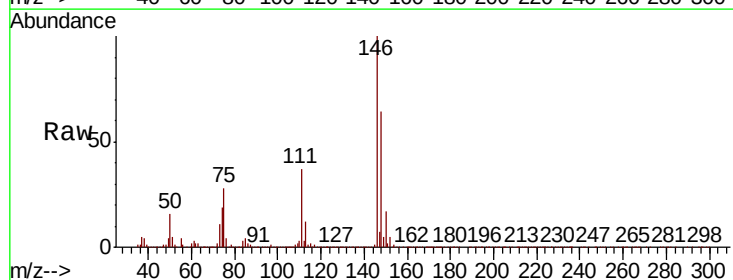
Delta R.T. 0.00 min

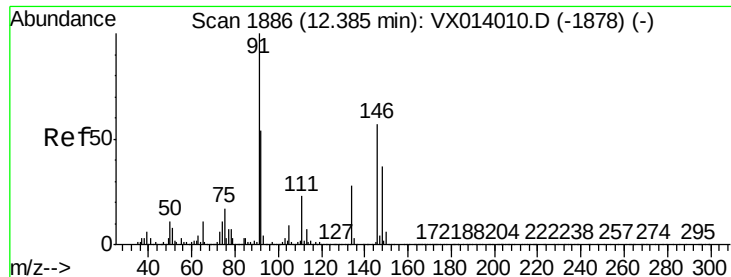
Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Tgt Ion:146 Resp: 652225

Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	64.0	31.9	95.9





#89

n-Butylbenzene

Concen: 48.236 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014006.D

Acq: 13 Dec 2019 14:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

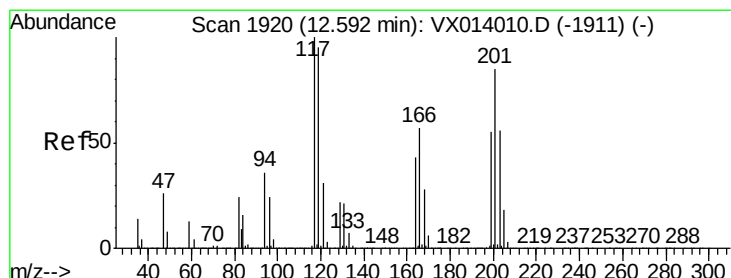
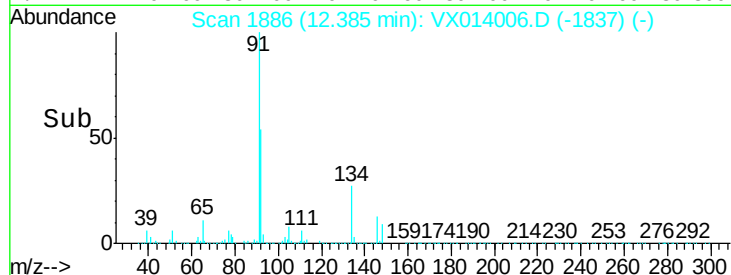
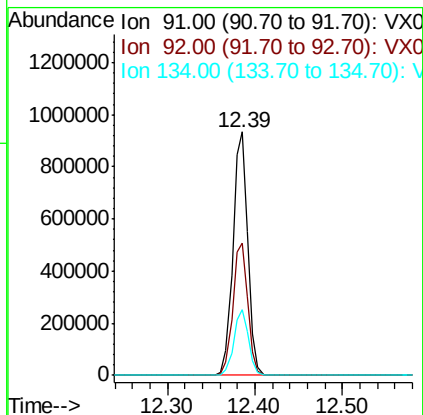
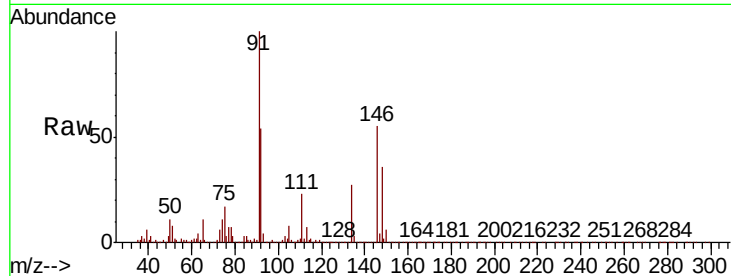
Tot Ion: 91 Resp: 1103069

Ion Ratio Lower Upper

91 100

92 55.2 27.2 81.6

134 26.9 13.4 40.1



#90

Hexachloroethane

Concen: 46.679 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014006.D

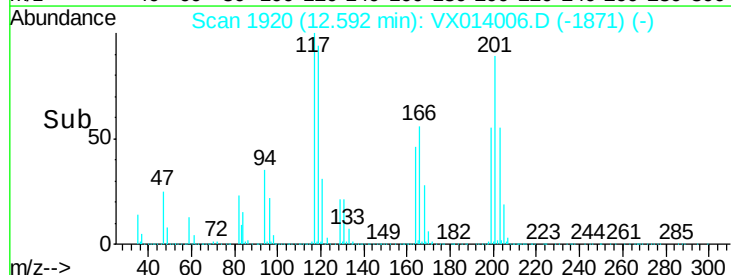
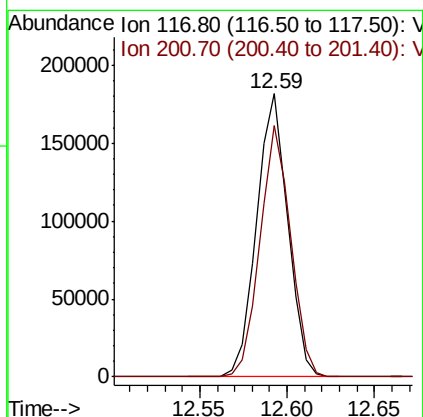
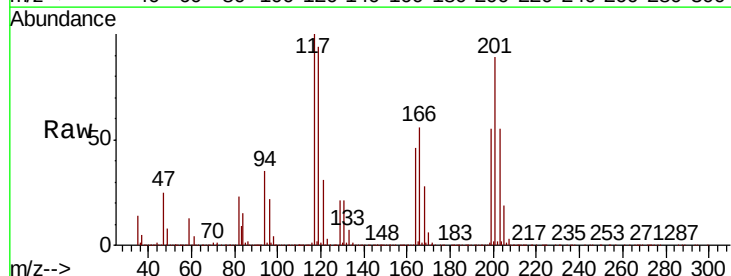
Acq: 13 Dec 2019 14:08

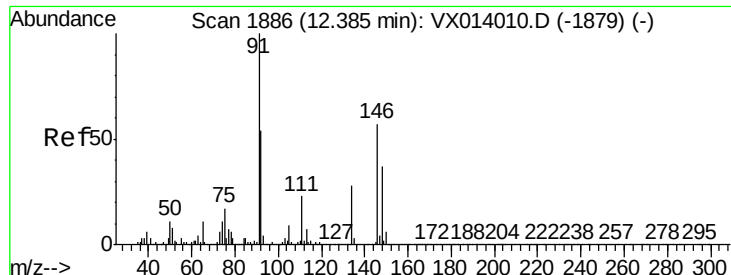
Tgt Ion: 117 Resp: 224709

Ion Ratio Lower Upper

117 100

201 87.2 43.1 129.3

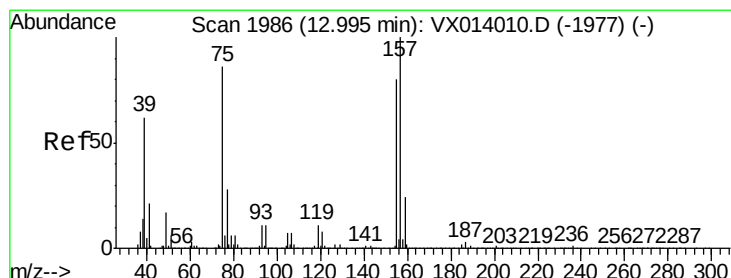
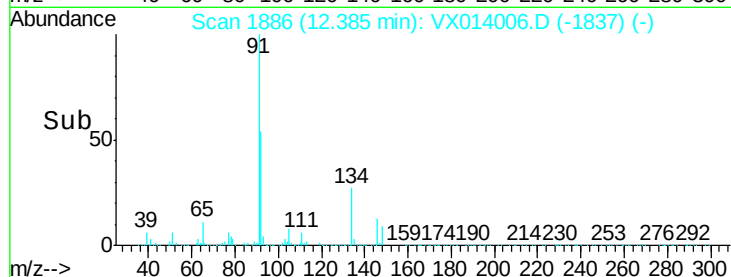
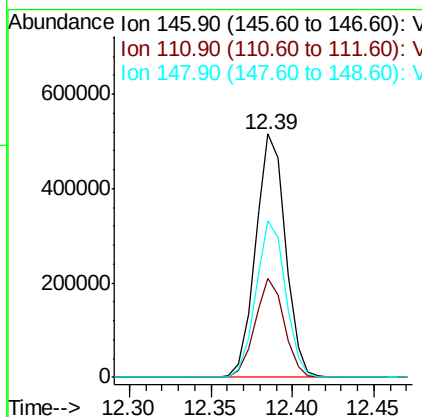
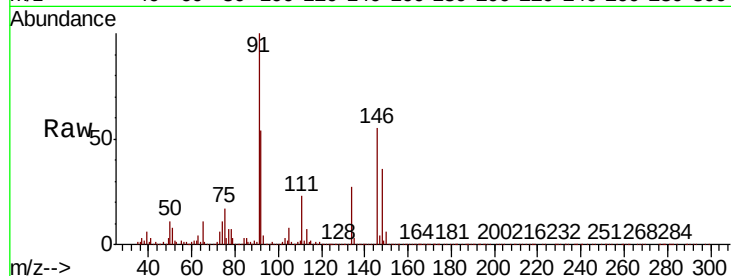




#91
 1,2-Dichlorobenzene
 Concen: 44.610 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

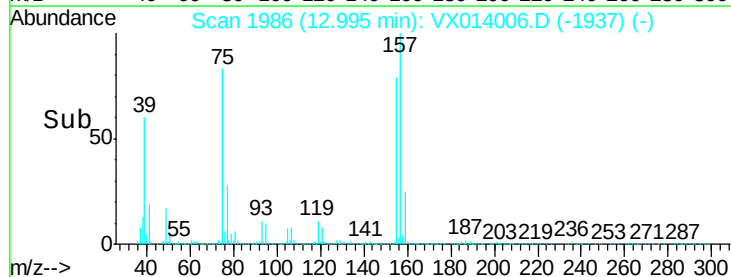
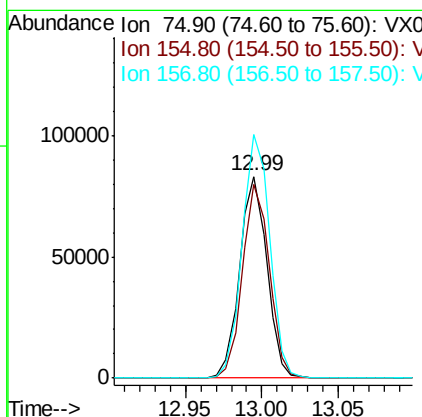
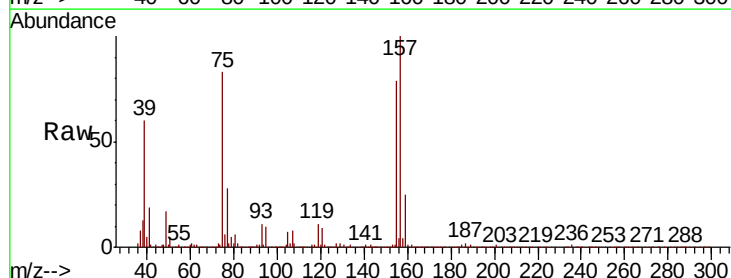
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

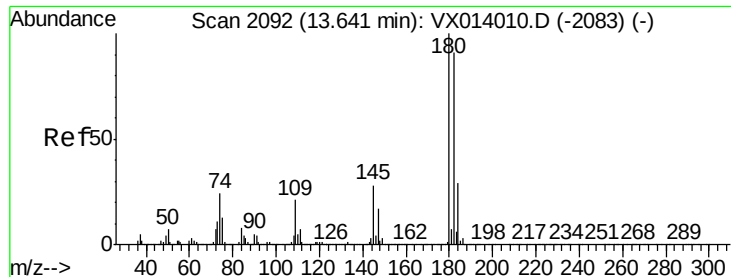
Tot Ion:146 Resp: 656189
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.7 59.1
 148 63.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.049 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Tgt Ion: 75 Resp: 102407
 Ion Ratio Lower Upper
 75 100
 155 95.4 46.9 140.6
 157 123.2 60.8 182.4

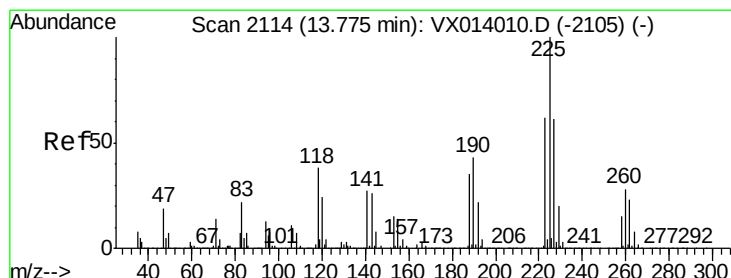
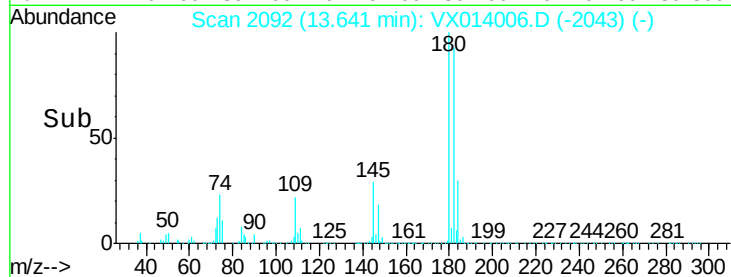
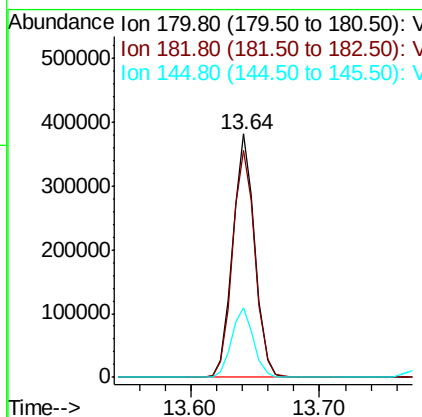
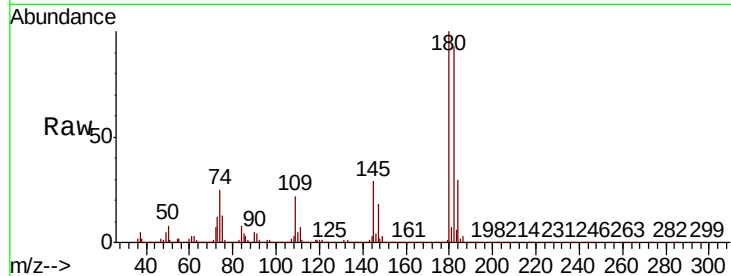




#93
 1,2,4-Trichlorobenzene
 Concen: 47.608 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

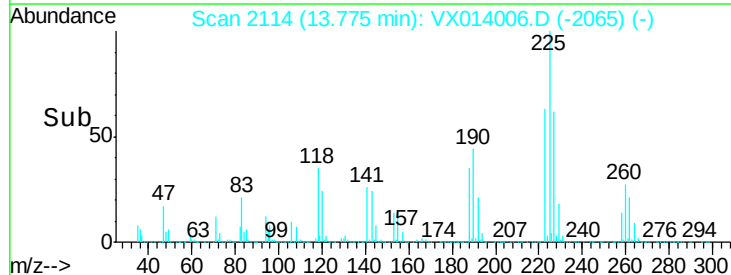
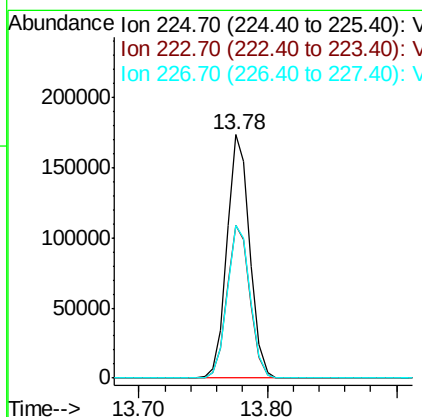
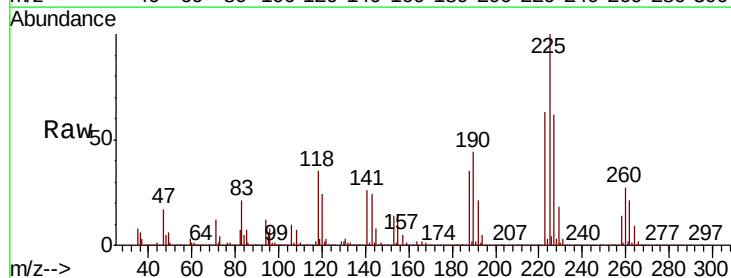
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

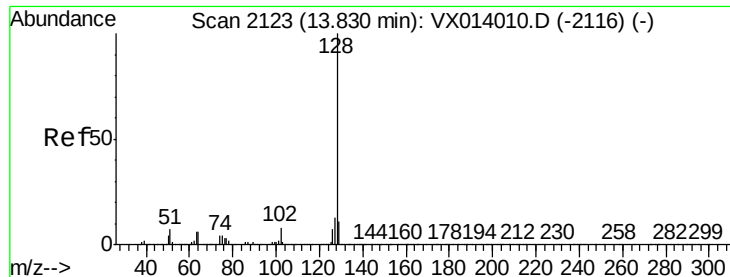
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.6	139.8
145	28.6	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 46.762 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014006.D
 Acq: 13 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	30.9	92.5
227	63.5	30.9	92.7

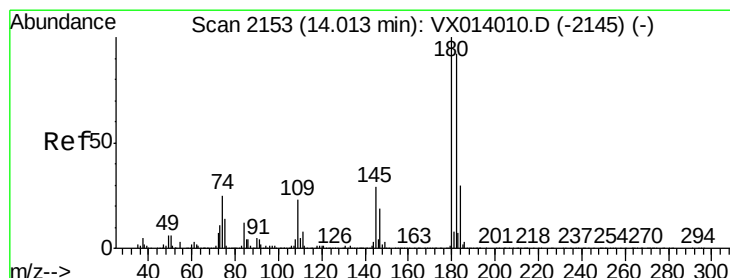
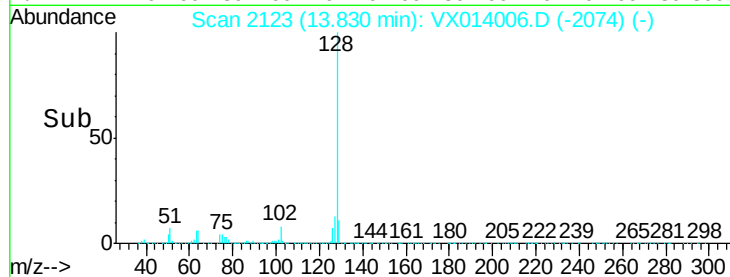
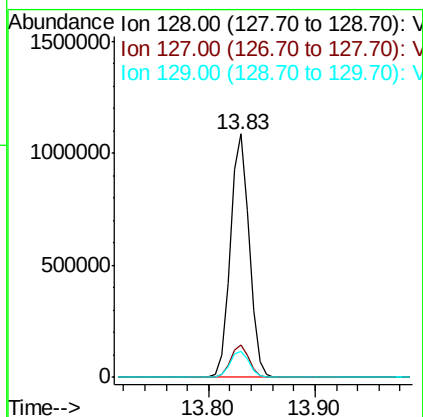
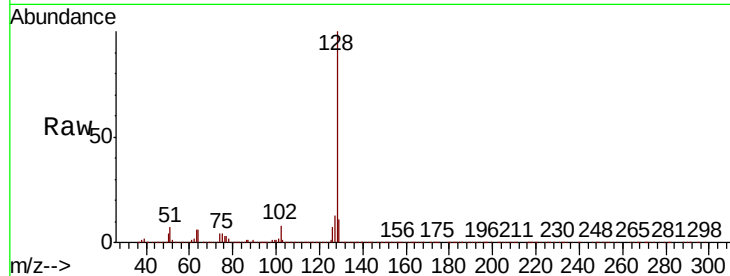




#95
Naphthalene
Concen: 47.981 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1347747
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.300 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014006.D
Acq: 13 Dec 2019 14:08

Tgt Ion:180 Resp: 455839
Ion Ratio Lower Upper
180 100
182 94.4 46.8 140.3
145 29.4 14.8 44.4

