

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122619\
 Data File : VX014259.D
 Acq On : 26 Dec 2019 10:46
 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 27 05:54:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	521803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	782219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	705002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	355197	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	259082	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	
35) Dibromofluoromethane	5.49	113	216529	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
50) Toluene-d8	8.71	98	840577	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.13	95	300923	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	210019	44.989	ug/l	97
3) Chloromethane	1.32	50	284141	45.355	ug/l	99
4) Vinyl Chloride	1.41	62	302912	45.823	ug/l	99
5) Bromomethane	1.63	94	197660	42.129	ug/l	100
6) Chloroethane	1.72	64	196400	48.138	ug/l	96
7) Trichlorofluoromethane	1.92	101	394071	48.156	ug/l	99
8) Diethyl Ether	2.18	74	180546	47.011	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	244319	49.529	ug/l	99
10) Methyl Iodide	2.50	142	303008	46.759	ug/l	100
11) Tert butyl alcohol	3.03	59	269198	210.663	ug/l	99
12) 1,1-Dichloroethene	2.36	96	234284	46.676	ug/l	97
13) Acrolein	2.28	56	192018	262.503	ug/l	98
14) Allyl chloride	2.72	41	438317	48.908	ug/l	99
15) Acrylonitrile	3.13	53	726753	243.663	ug/l	100
16) Acetone	2.43	43	808312	210.531	ug/l	99
17) Carbon Disulfide	2.56	76	609486	43.833	ug/l	99
18) Methyl Acetate	2.76	43	371535	48.835	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	809651	49.088	ug/l	97
20) Methylene Chloride	2.84	84	276870	45.794	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	256214	46.333	ug/l	99
22) Diisopropyl ether	3.84	45	913361	51.143	ug/l	95
23) Vinyl Acetate	3.80	43	3796315	260.485	ug/l	99
24) 1,1-Dichloroethane	3.69	63	477977	48.105	ug/l	99
25) 2-Butanone	4.65	43	1094858	231.299	ug/l	100
26) 2,2-Dichloropropane	4.57	77	380633	49.340	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	298775	47.774	ug/l	100
28) Bromochloromethane	5.00	49	210143	54.948	ug/l	95
29) Tetrahydrofuran	5.11	42	641920	242.455	ug/l	99
30) Chloroform	5.20	83	464958	49.363	ug/l	99
31) Cyclohexane	5.57	56	432498	48.941	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	388124	48.348	ug/l	99
36) 1,1-Dichloropropene	5.79	75	354153	49.343	ug/l	99
37) Ethyl Acetate	4.81	43	397687	50.176	ug/l	99
38) Carbon Tetrachloride	5.77	117	328543	50.248	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	440255	49.678	ug/l	99
40) Benzene	6.13	78	1083466	49.062	ug/l	99
41) Methacrylonitrile	5.03	41	225862	51.360	ug/l	96
42) 1,2-Dichloroethane	6.18	62	371865	49.676	ug/l	99
43) Isopropyl Acetate	6.43	43	655502	49.975	ug/l	99
44) Trichloroethene	7.20	130	293470	48.112	ug/l	97
45) 1,2-Dichloropropane	7.50	63	285686	50.472	ug/l	96
46) Dibromomethane	7.65	93	179851	48.059	ug/l	99
47) Bromodichloromethane	7.89	83	363672	51.599	ug/l	100
48) Methyl methacrylate	7.76	41	324109	50.461	ug/l	98
49) 1,4-Dioxane	7.73	88	115267	881.867	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2029374	246.356	ug/l	99
52) Toluene	8.78	92	681847	48.848	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	400041	51.764	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	451295	52.417	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	279367	49.937	ug/l	99
56) Ethyl methacrylate	9.17	69	445582	50.704	ug/l	100
57) 1,3-Dichloropropane	9.37	76	471296	50.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	882962	265.501	ug/l	100
59) 2-Hexanone	9.48	43	1589832	239.748	ug/l	99
60) Dibromochloromethane	9.57	129	291594	52.437	ug/l	100
61) 1,2-Dibromoethane	9.67	107	283394	49.510	ug/l	100
64) Tetrachloroethene	9.33	164	307554	49.300	ug/l	99
65) Chlorobenzene	10.14	112	734892	49.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	274806	51.343	ug/l	98
67) Ethyl Benzene	10.25	91	1300524	50.464	ug/l	99
68) m/p-Xylenes	10.35	106	992859	100.167	ug/l	99
69) o-Xylene	10.70	106	478141	49.185	ug/l	98
70) Styrene	10.71	104	828428	50.396	ug/l	99
71) Bromoform	10.85	173	220952	51.356	ug/l #	100
73) Isopropylbenzene	11.01	105	1274321	50.955	ug/l	100
74) N-amyl acetate	10.89	43	577066	49.227	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	419205	48.350	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	479670	62.204	ug/l	87
77) Bromobenzene	11.25	156	326886	47.507	ug/l	99
78) n-propylbenzene	11.35	91	1463218	52.162	ug/l	100
79) 2-Chlorotoluene	11.42	91	855297	50.159	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1077153	51.178	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	143487	52.520	ug/l	99
82) 4-Chlorotoluene	11.51	91	991948	50.150	ug/l	99
83) tert-Butylbenzene	11.76	119	1037239	50.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1081260	51.299	ug/l	100
85) sec-Butylbenzene	11.94	105	1255213	51.911	ug/l	100
86) p-Isopropyltoluene	12.06	119	1154822	52.211	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	588617	48.810	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	586811	47.856	ug/l	100
89) n-Butylbenzene	12.39	91	1007020	53.358	ug/l	99
90) Hexachloroethane	12.59	117	203845	51.309	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	583672	48.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	85696	44.664	ug/l	98

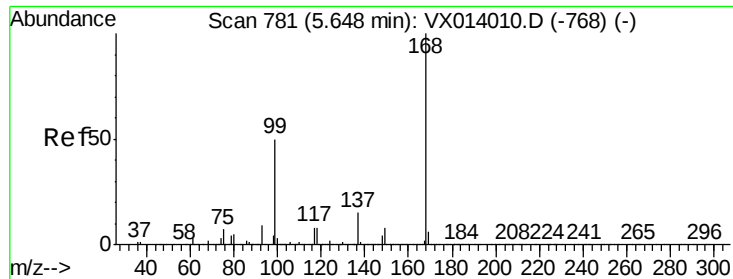
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	397932	50.434	ug/l	98
94) Hexachlorobutadiene	13.78	225	192573	50.784	ug/l	97
95) Naphthalene	13.83	128	1170572	50.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	398049	51.105	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

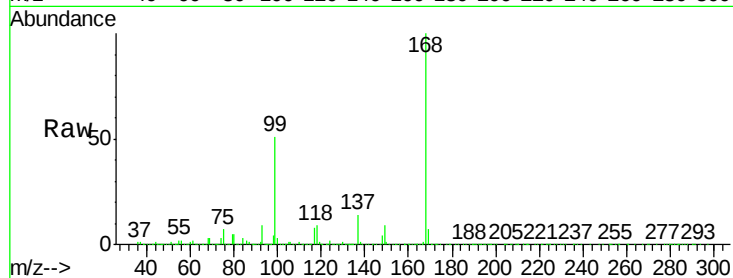
VSTDCCC050

Tgt Ion:168 Resp: 521803

Ion Ratio Lower Upper

168 100

99 50.9 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

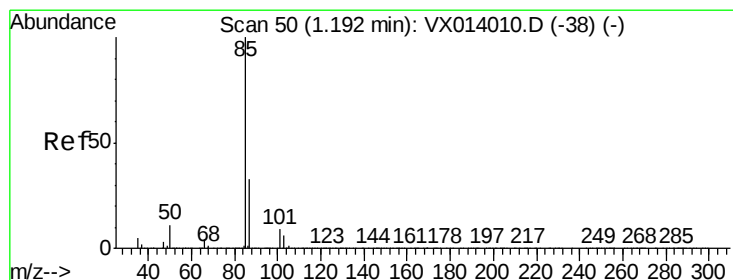
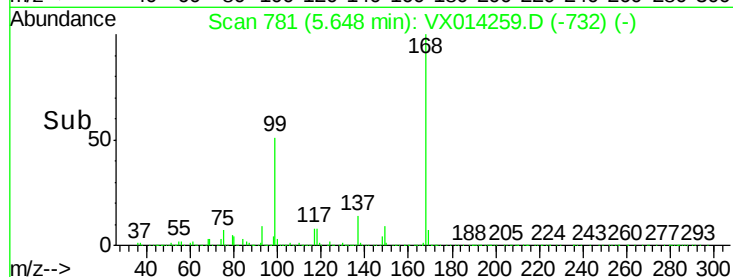
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.989 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014259.D

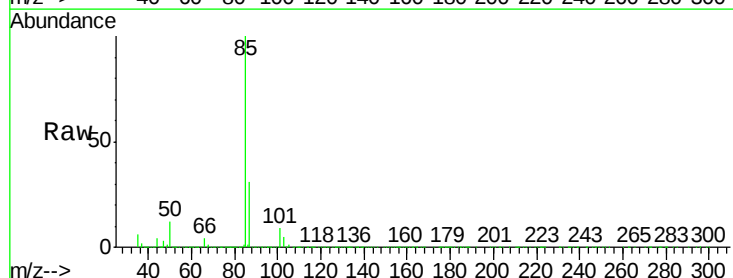
Acq: 26 Dec 2019 10:46

Tgt Ion: 85 Resp: 210019

Ion Ratio Lower Upper

85 100

87 31.2 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

150000

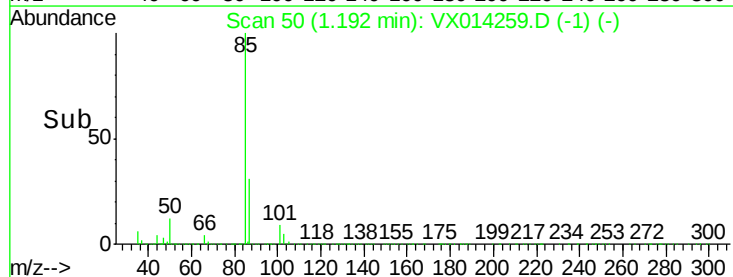
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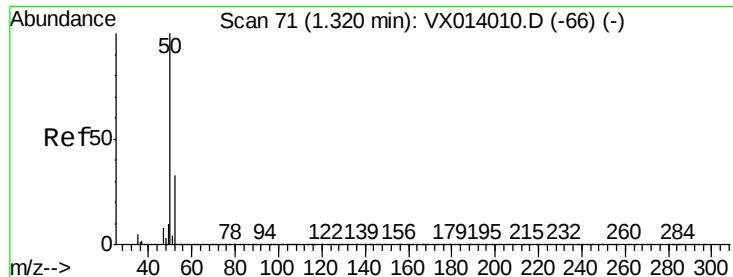
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.355 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

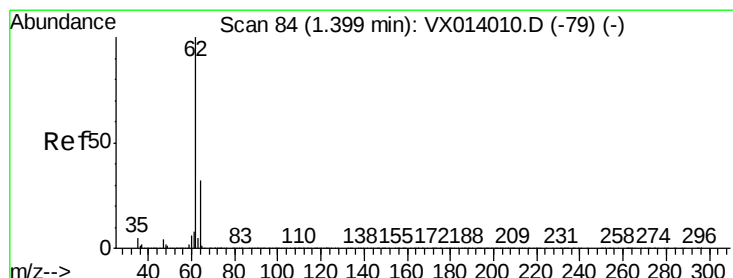
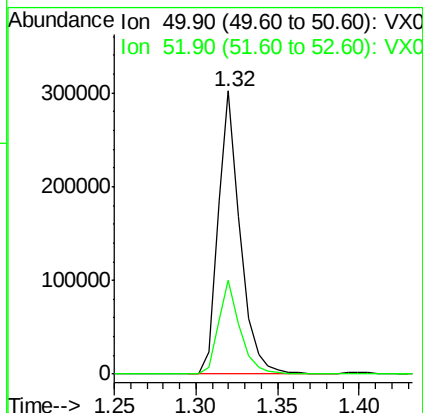
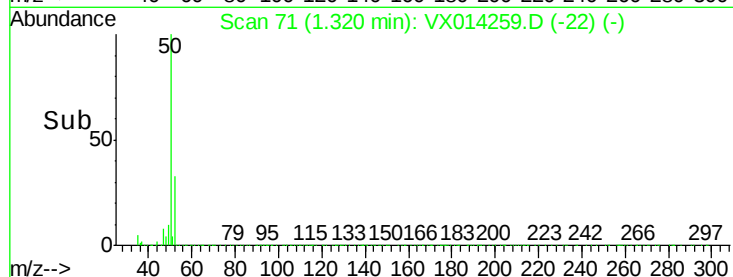
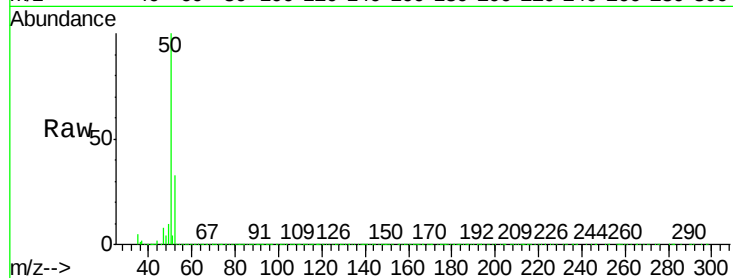
VSTDCCC050

Tgt Ion: 50 Resp: 284141

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.4



#4

Vinyl Chloride

Concen: 45.823 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014259.D

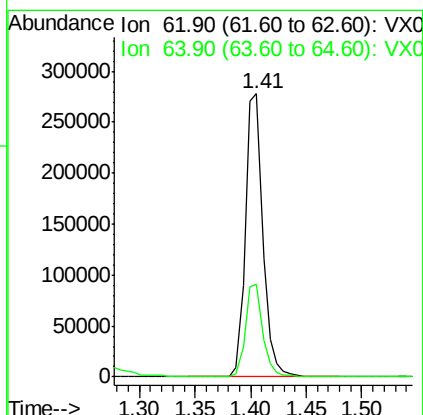
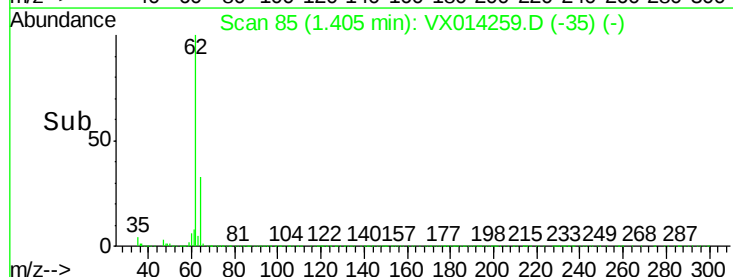
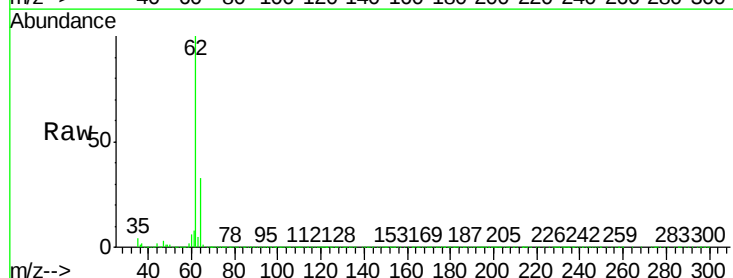
Acq: 26 Dec 2019 10:46

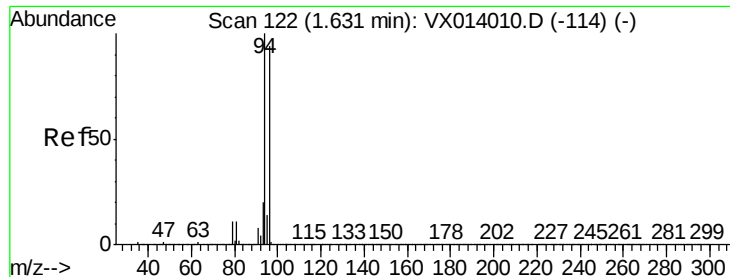
Tgt Ion: 62 Resp: 302912

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 42.129 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

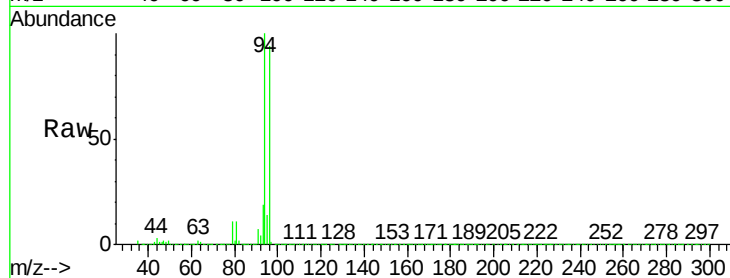
VSTDCCC050

Tgt Ion: 94 Resp: 197660

Ion Ratio Lower Upper

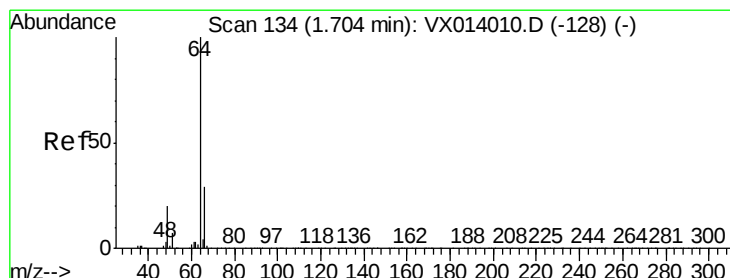
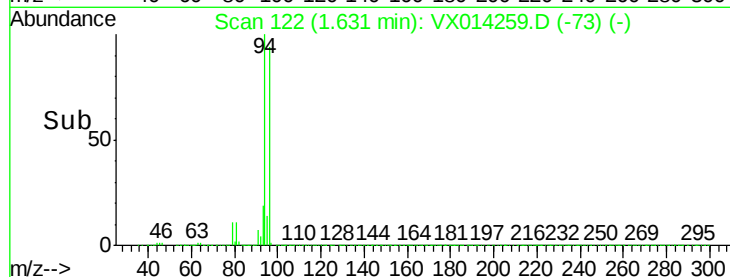
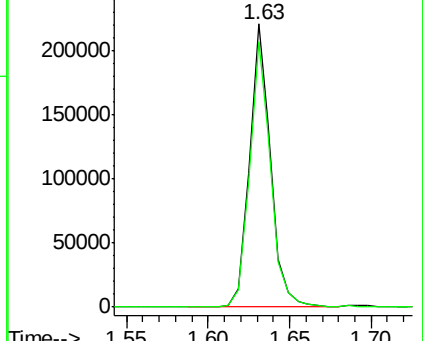
94 100

96 93.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.138 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014259.D

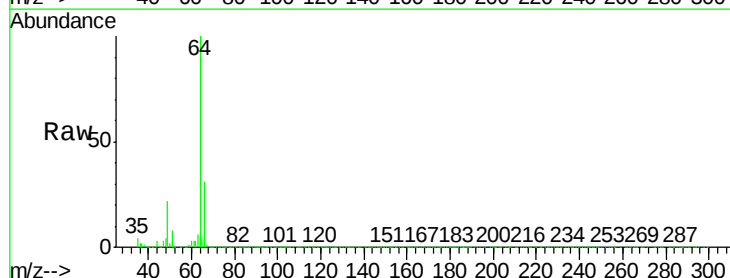
Acq: 26 Dec 2019 10:46

Tgt Ion: 64 Resp: 196400

Ion Ratio Lower Upper

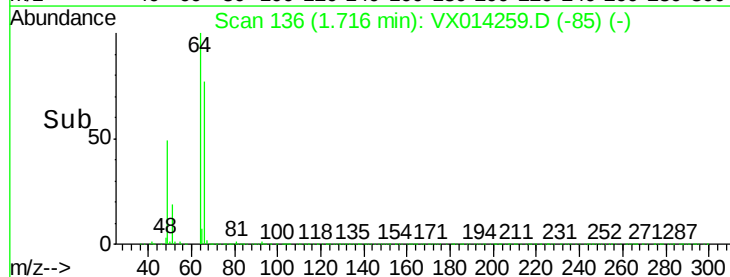
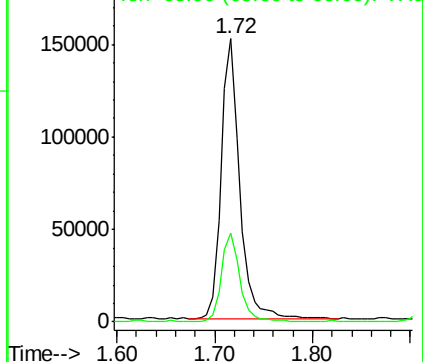
64 100

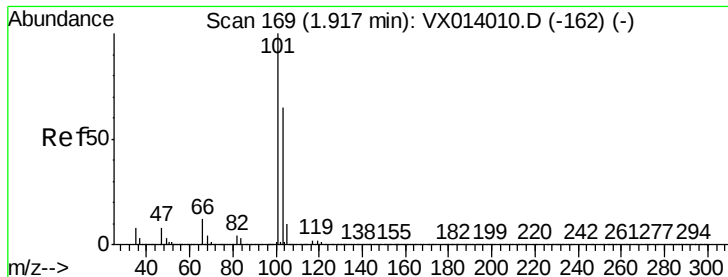
66 31.4 23.4 35.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



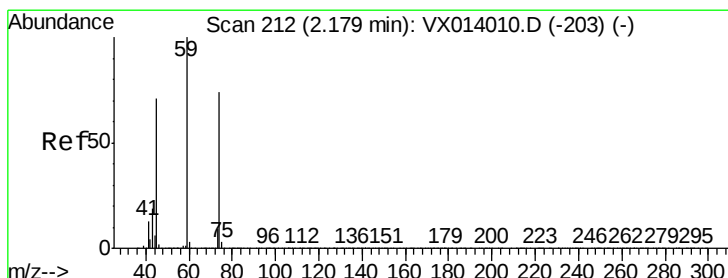
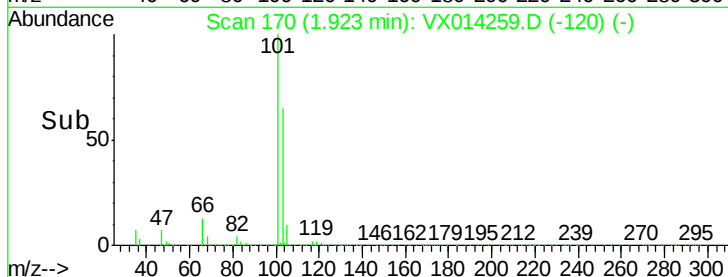
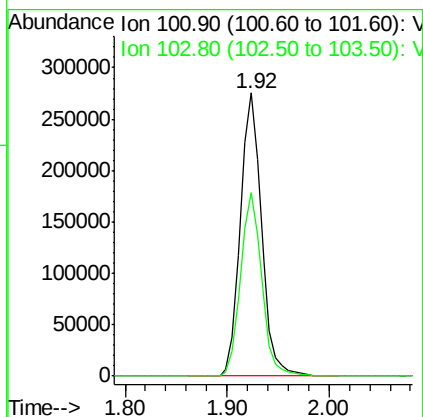
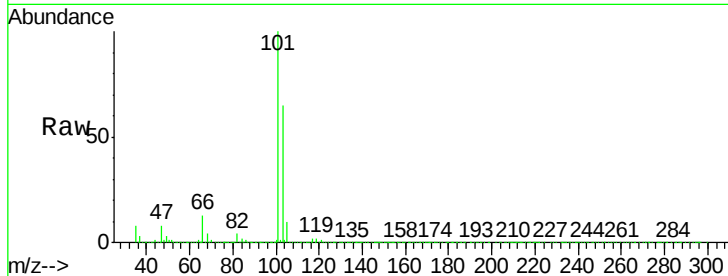


#7

Trichlorofluoromethane
Concen: 48.156 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
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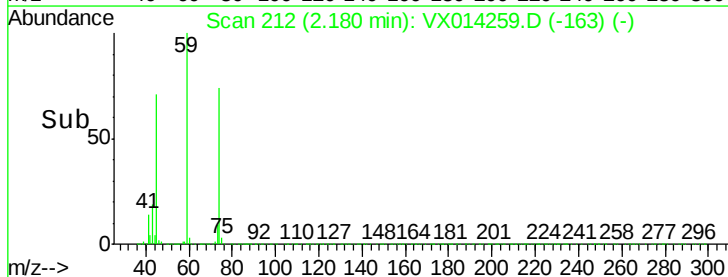
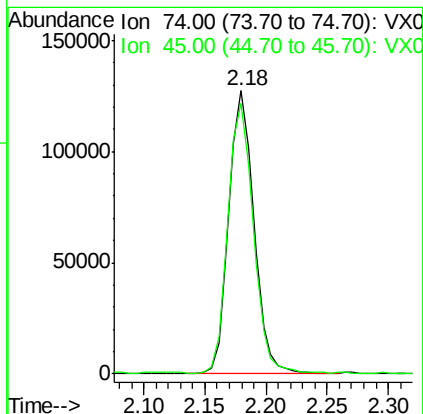
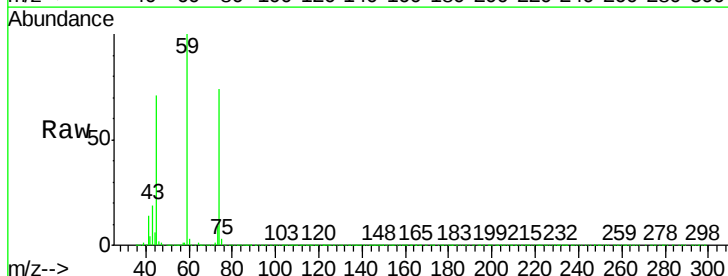
Tgt Ion:101 Resp: 394071
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4



#8

Diethyl Ether
Concen: 47.011 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion: 74 Resp: 180546
Ion Ratio Lower Upper
74 100
45 96.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.529 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

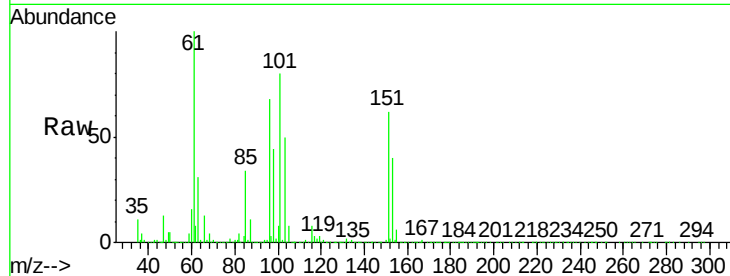
Tgt Ion:101 Resp: 244319

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

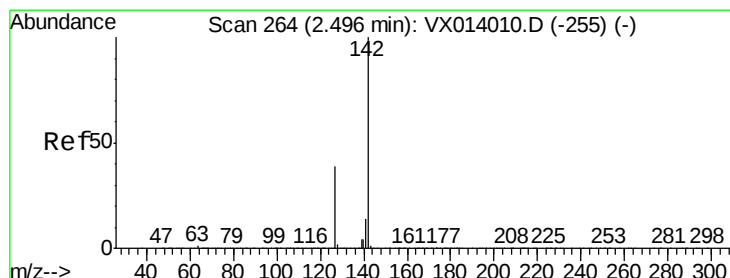
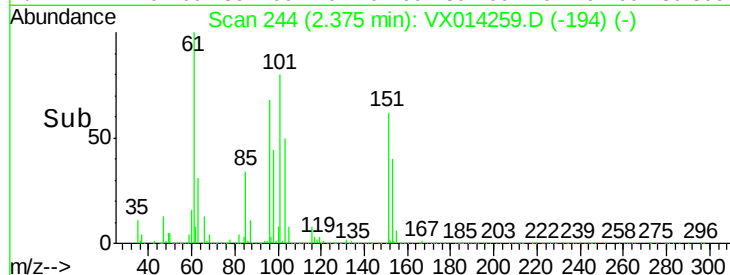
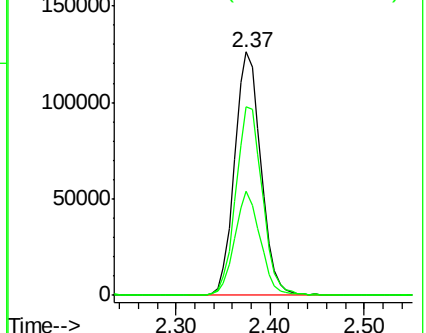
151 79.0 64.5 96.7



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: 46.759 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

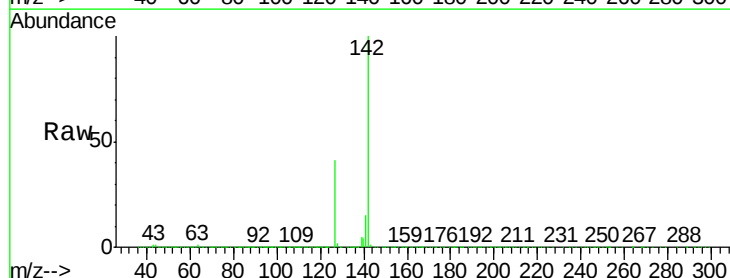
Tgt Ion:142 Resp: 303008

Ion Ratio Lower Upper

142 100

127 39.2 31.6 47.4

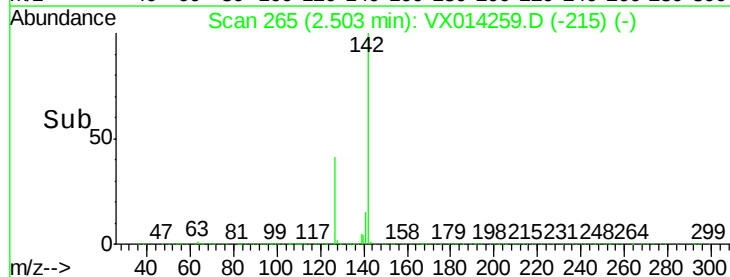
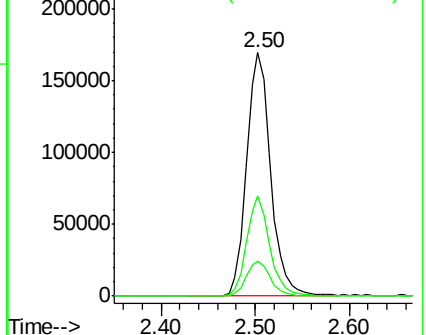
141 14.3 11.6 17.4

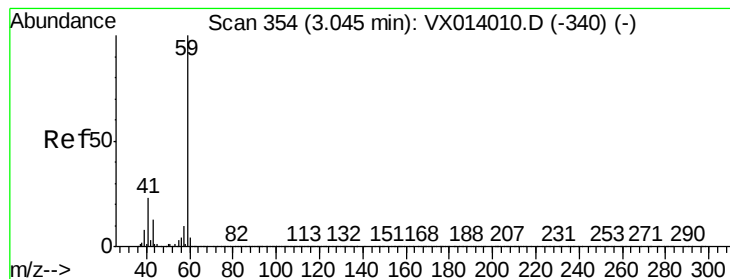


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



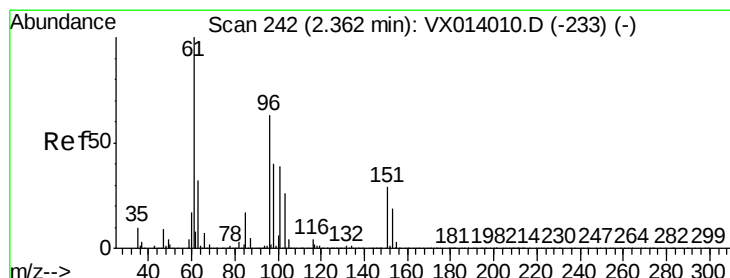
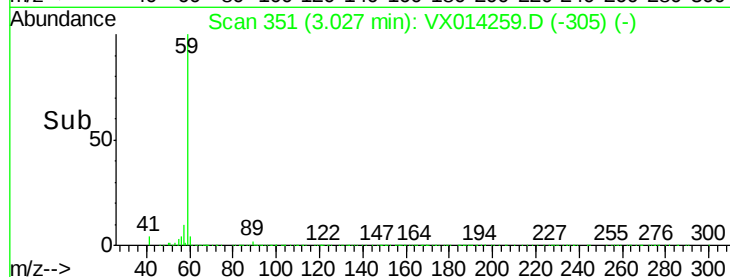
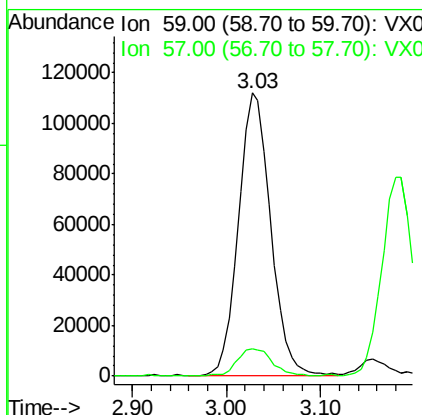
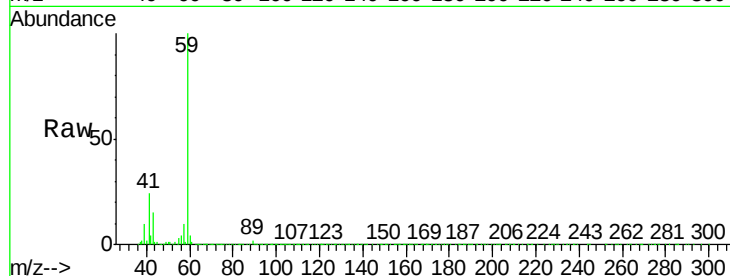


#11

Tert butyl alcohol
Concen: 210.663 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

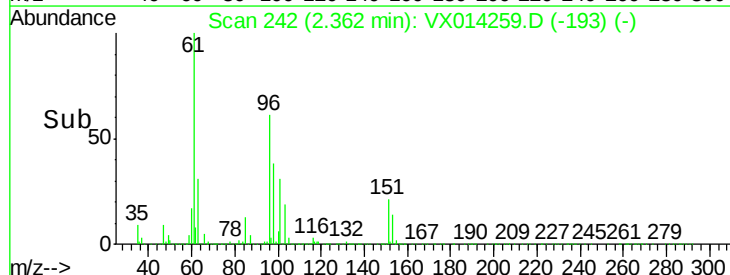
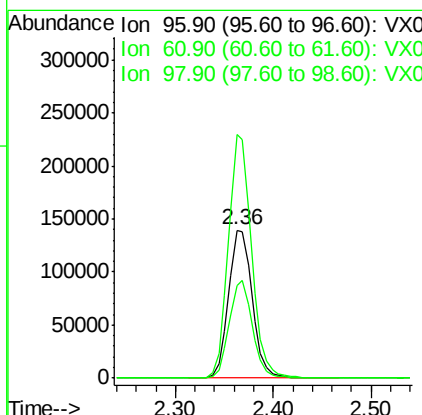
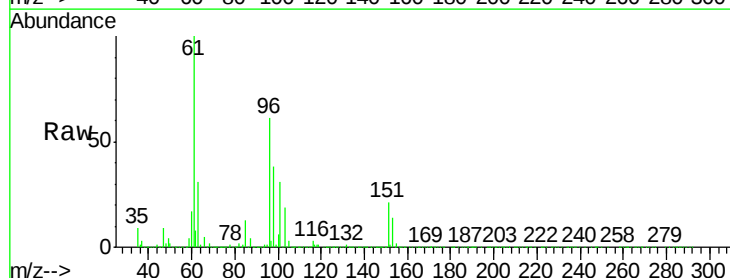
Tgt Ion: 59 Resp: 269198
Ion Ratio Lower Upper
59 100
57 9.9 8.4 12.6

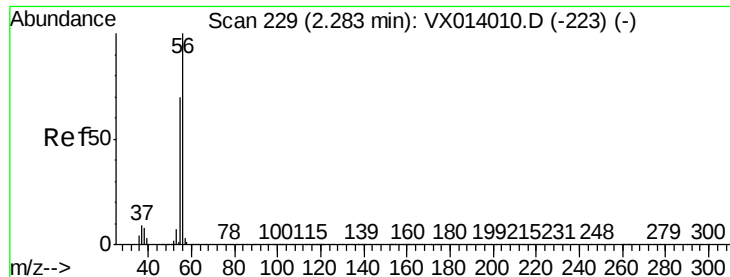


#12

1,1-Dichloroethene
Concen: 46.676 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion: 96 Resp: 234284
Ion Ratio Lower Upper
96 100
61 164.6 127.9 191.9
98 62.9 50.5 75.7





#13

Acrolein

Concen: 262.503 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

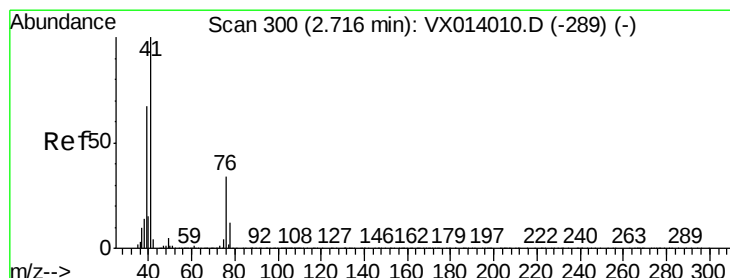
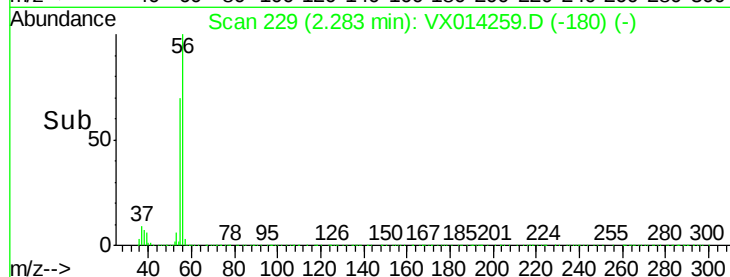
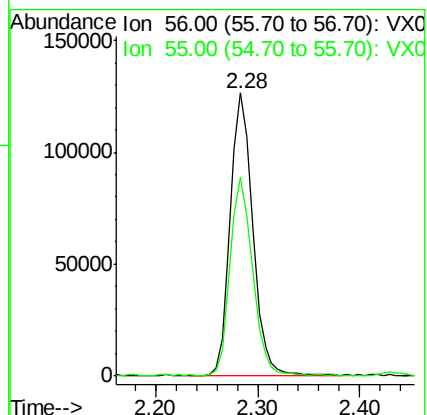
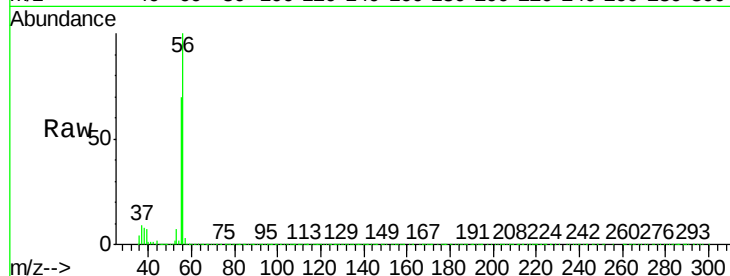
VSTDCCC050

Tgt Ion: 56 Resp: 192018

Ion Ratio Lower Upper

56 100

55 69.8 56.9 85.3



#14

Allyl chloride

Concen: 48.908 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

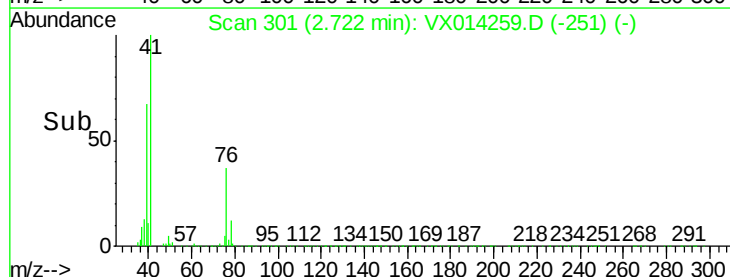
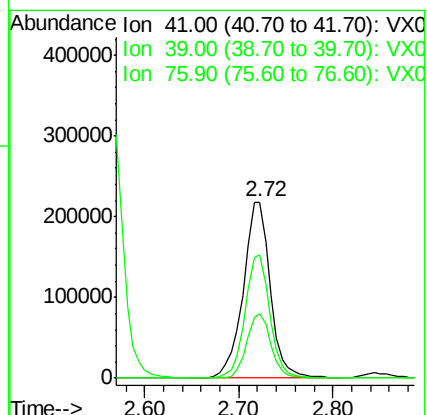
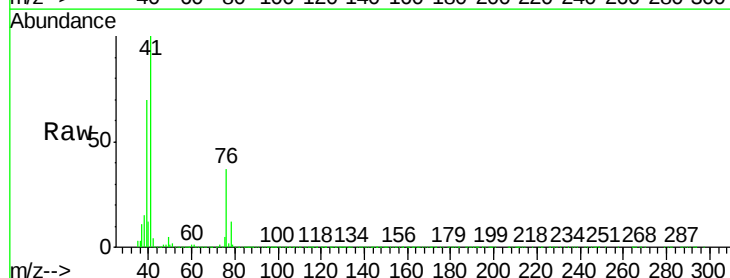
Tgt Ion: 41 Resp: 438317

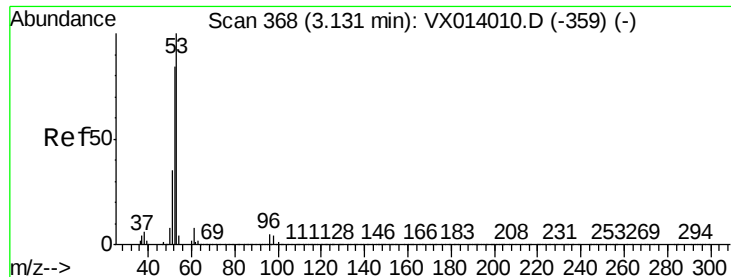
Ion Ratio Lower Upper

41 100

39 64.0 51.8 77.8

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 243.663 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

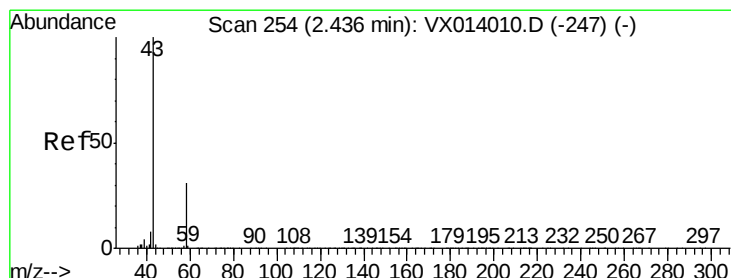
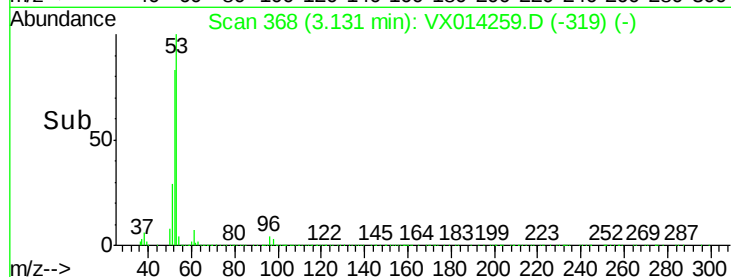
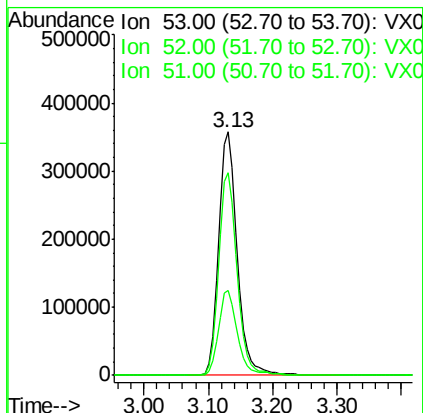
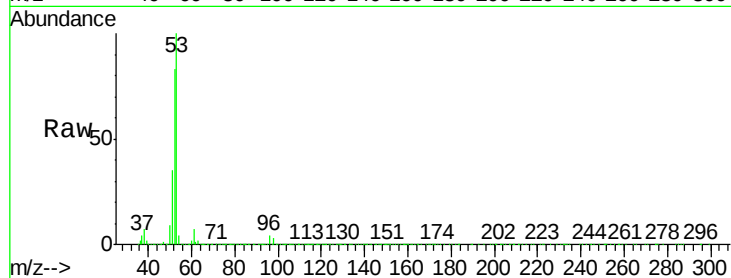
Tgt Ion: 53 Resp: 726753

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

51 35.5 28.1 42.1



#16

Acetone

Concen: 210.531 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014259.D

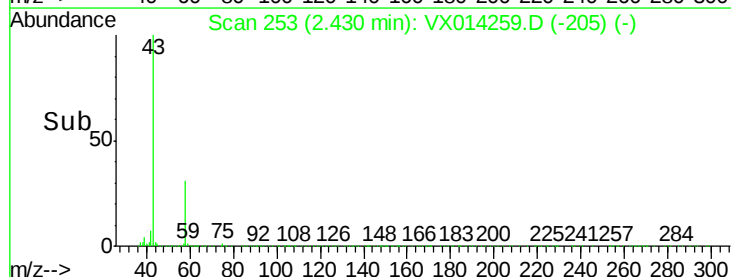
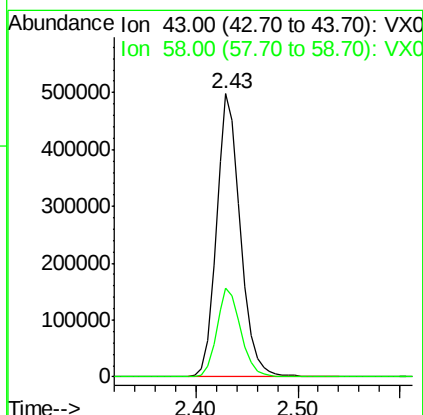
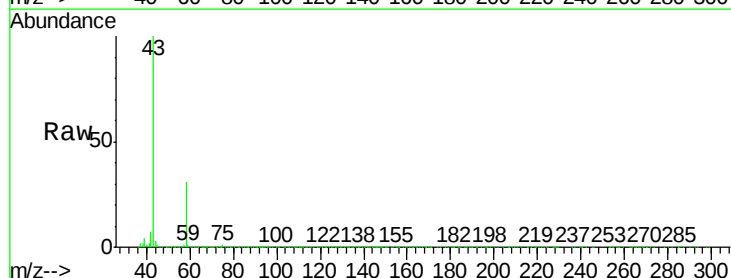
Acq: 26 Dec 2019 10:46

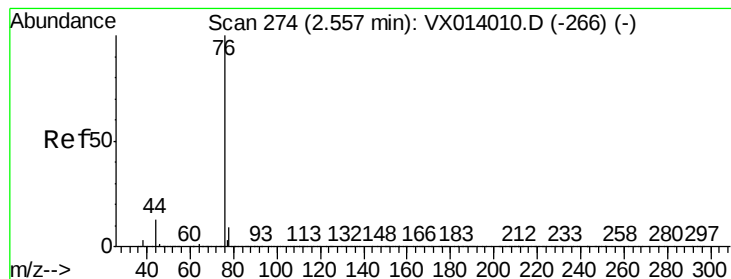
Tgt Ion: 43 Resp: 808312

Ion Ratio Lower Upper

43 100

58 31.5 24.9 37.3





#17

Carbon Disulfide

Concen: 43.833 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

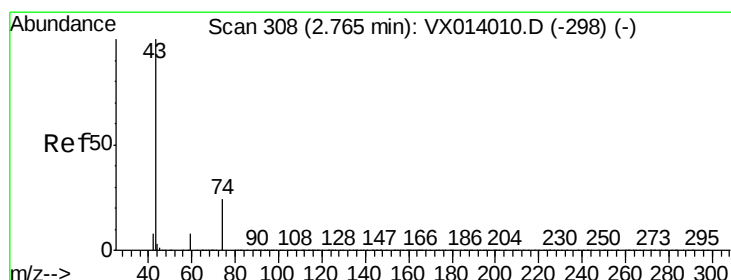
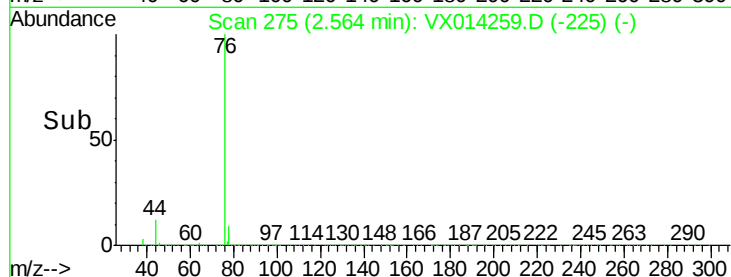
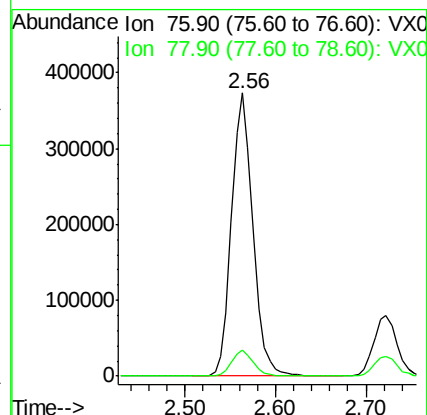
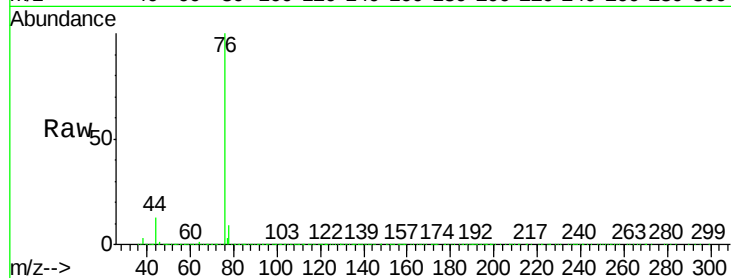
VSTDCCC050

Tgt Ion: 76 Resp: 609486

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 48.835 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014259.D

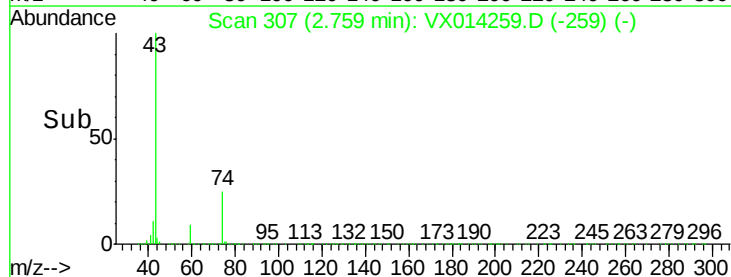
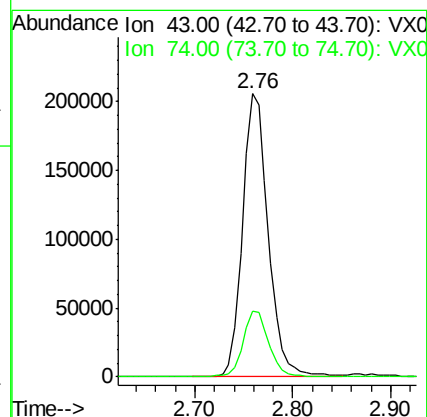
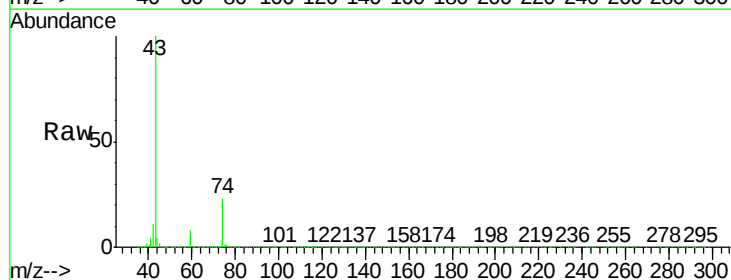
Acq: 26 Dec 2019 10:46

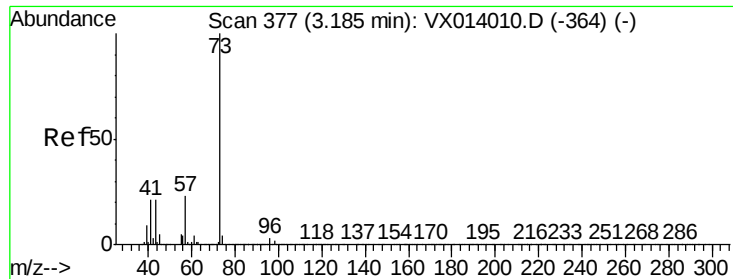
Tgt Ion: 43 Resp: 371535

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3

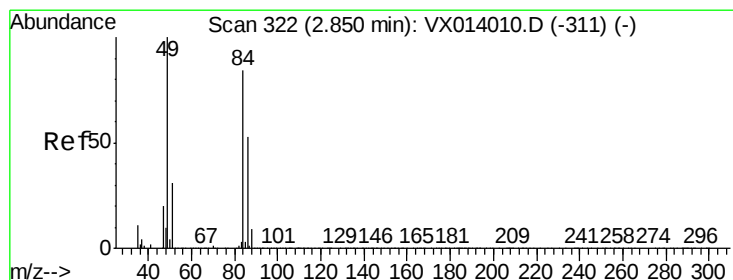
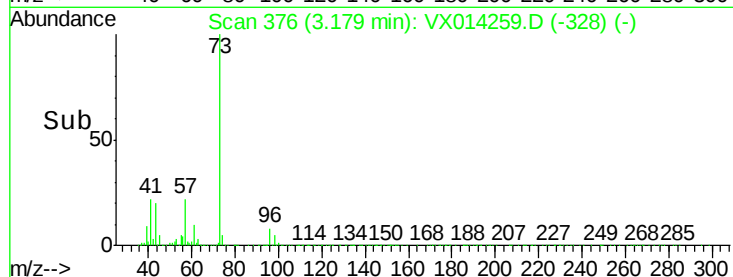
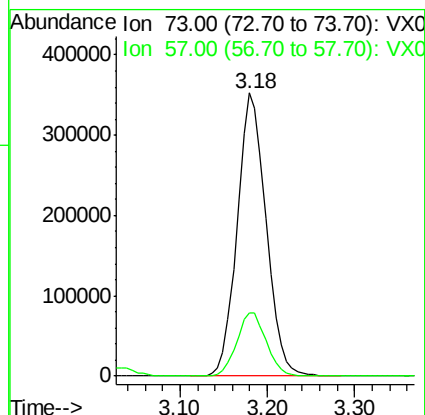
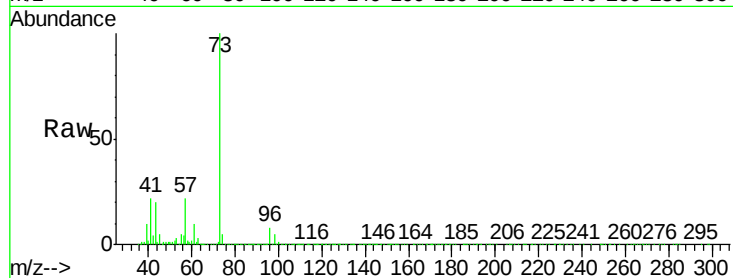




#19
Methyl tert-butyl Ether
Concen: 49.088 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

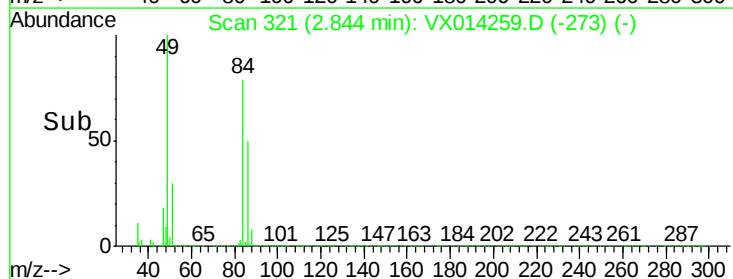
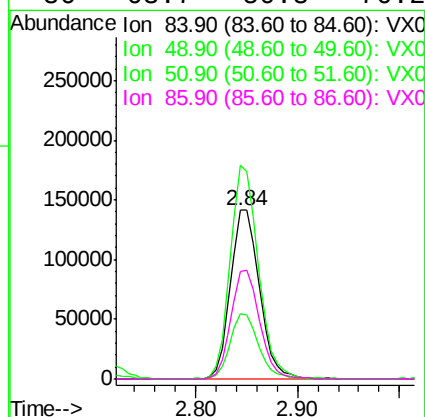
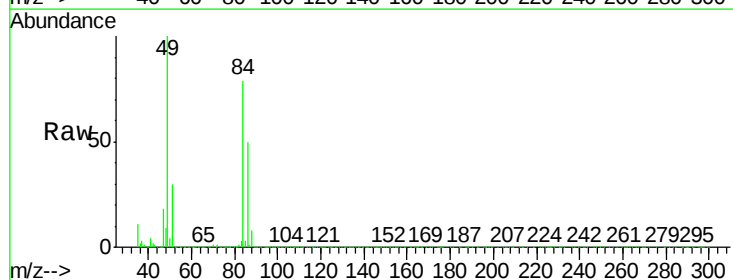
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 809651
Ion Ratio Lower Upper
73 100
57 22.2 18.8 28.2



#20
Methylene Chloride
Concen: 45.794 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion: 84 Resp: 276870
Ion Ratio Lower Upper
84 100
49 126.6 95.8 143.6
51 38.4 29.8 44.8
86 63.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.333 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

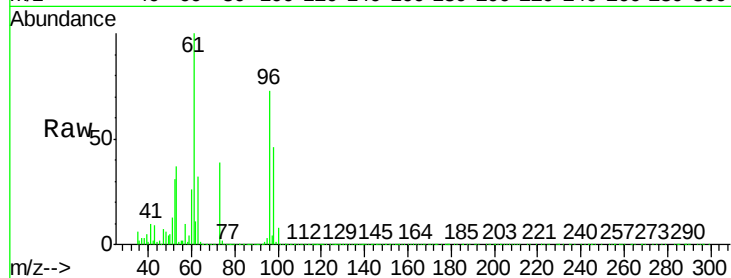
Tgt Ion: 96 Resp: 256214

Ion Ratio Lower Upper

96 100

61 137.0 108.3 162.5

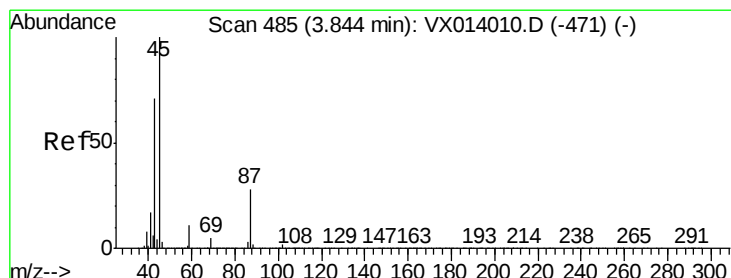
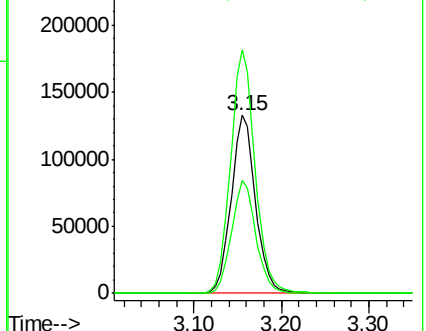
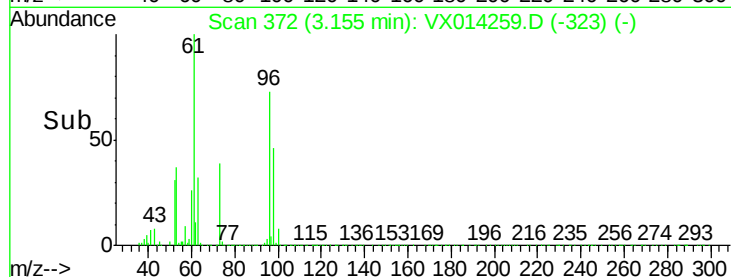
98 63.5 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.143 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion: 45 Resp: 913361

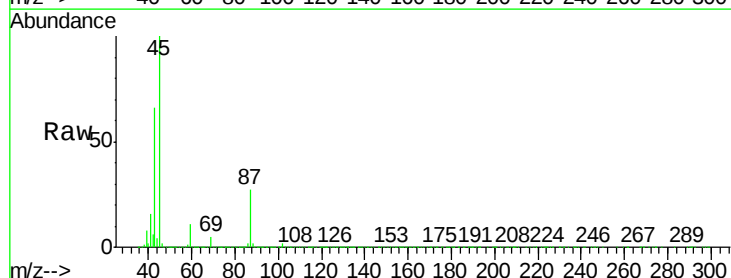
Ion Ratio Lower Upper

45 100

43 65.5 57.4 86.0

87 26.6 21.9 32.9

59 11.4 9.0 13.6

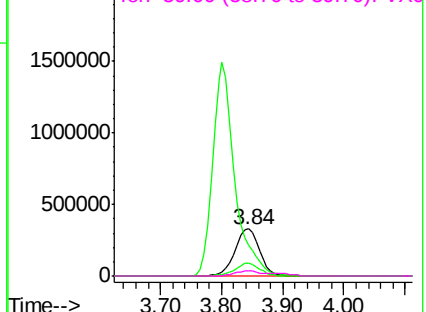
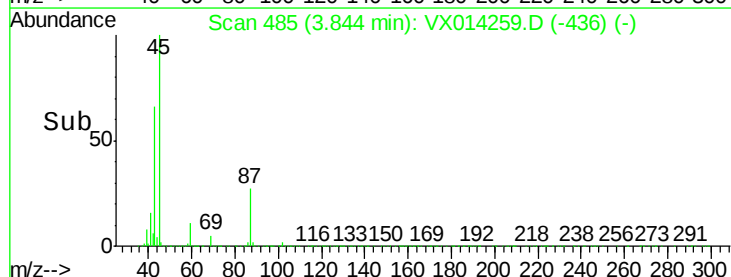


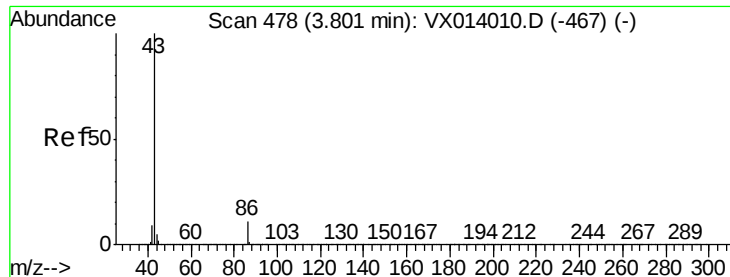
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.485 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

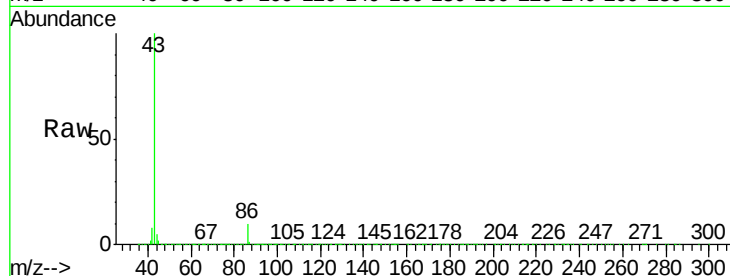
VSTDCCC050

Tgt Ion: 43 Resp: 3796315

Ion Ratio Lower Upper

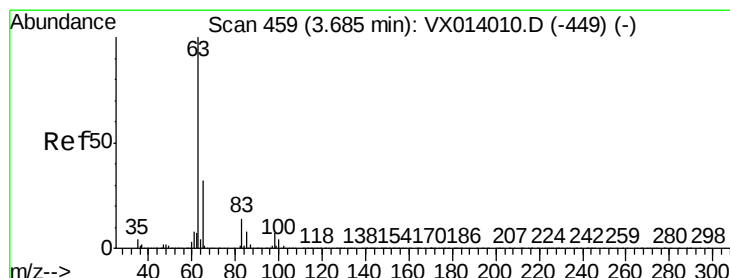
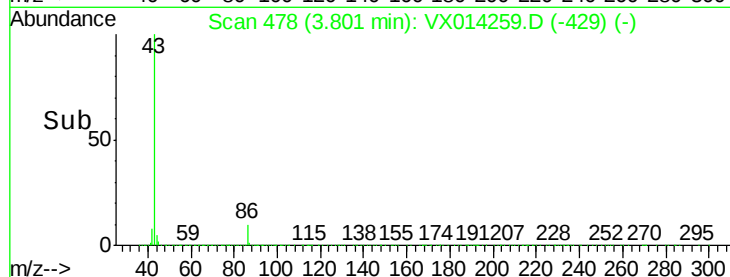
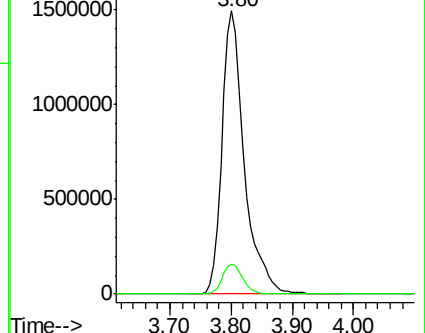
43 100

86 10.5 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: 48.105 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

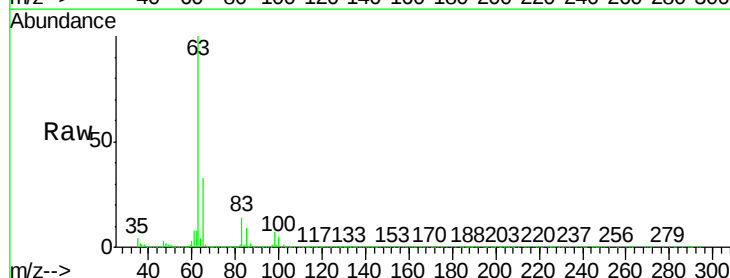
Tgt Ion: 63 Resp: 477977

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

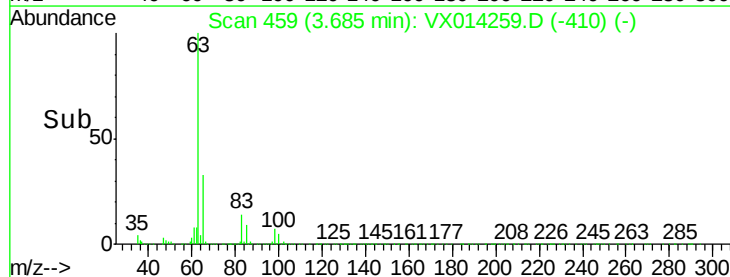
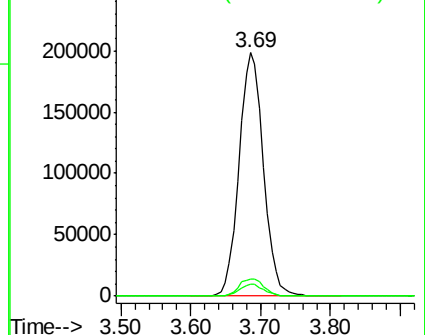
100 4.9 2.3 6.8

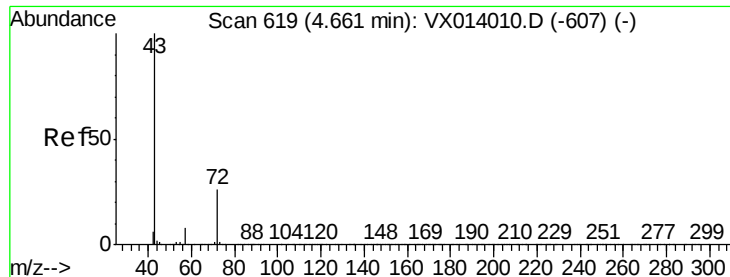


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

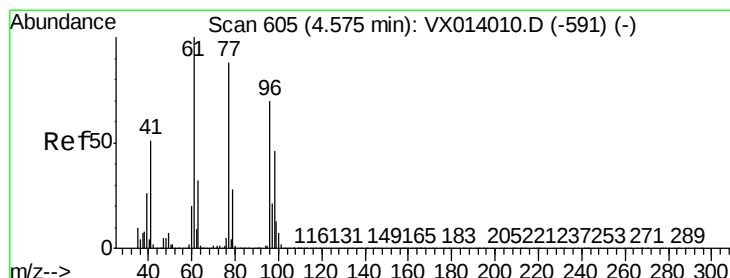
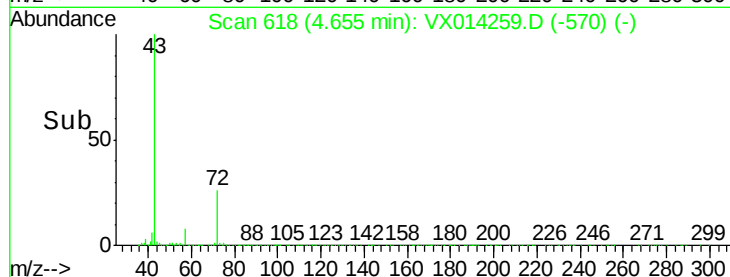
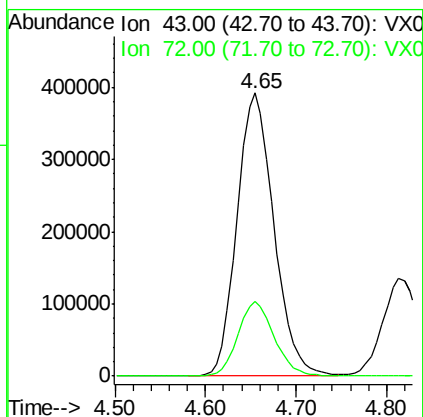
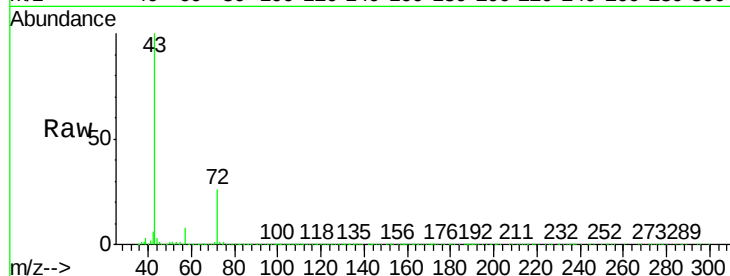




#25
2-Butanone
Concen: 231.299 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

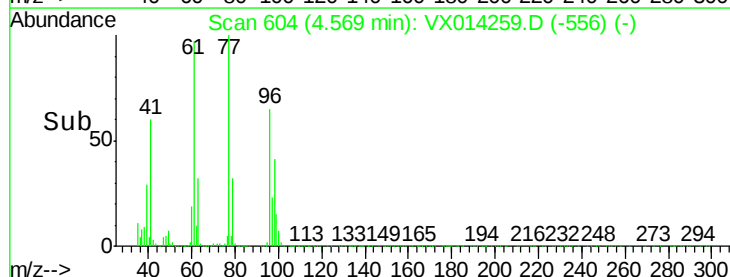
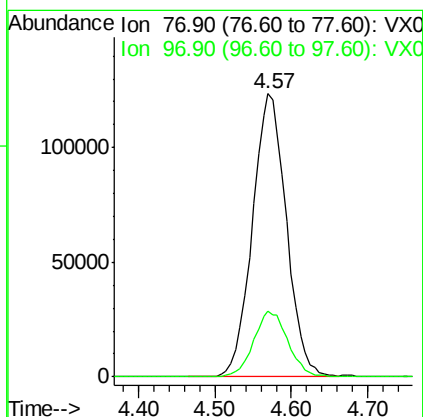
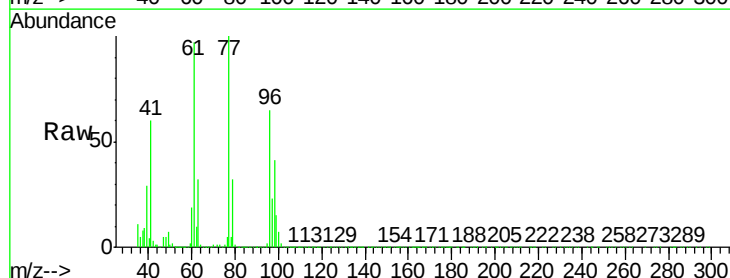
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

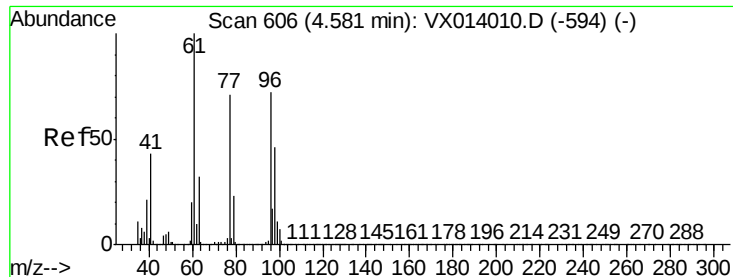
Tgt Ion: 43 Resp: 1094858
Ion Ratio Lower Upper
43 100
72 26.3 21.0 31.4



#26
2,2-Dichloropropane
Concen: 49.340 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion: 77 Resp: 380633
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 47.774 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

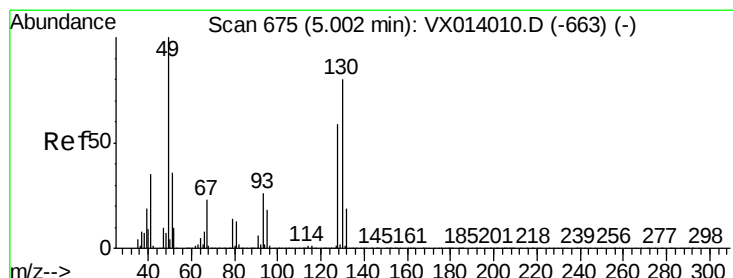
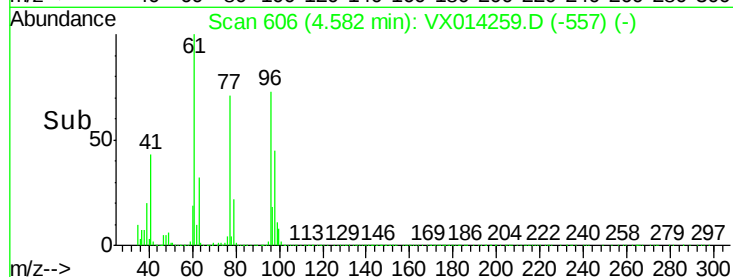
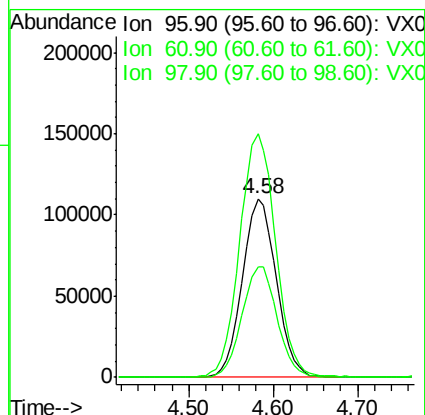
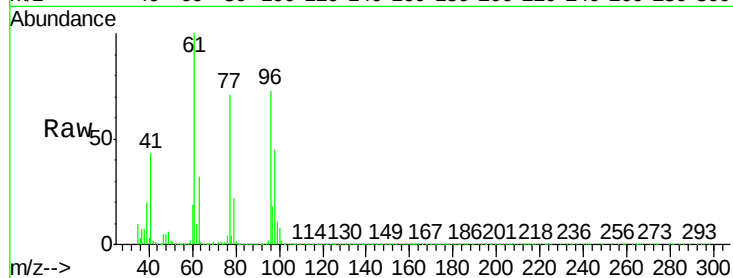
Tgt Ion: 96 Resp: 298775

Ion Ratio Lower Upper

96 100

61 144.6 0.0 288.4

98 64.2 0.0 129.6



#28

Bromochloromethane

Concen: 54.948 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

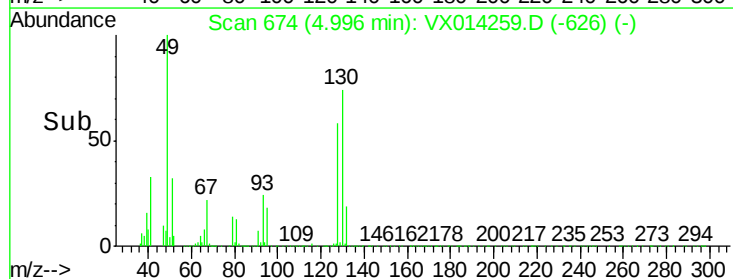
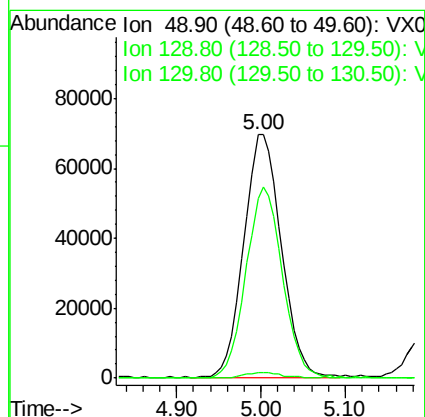
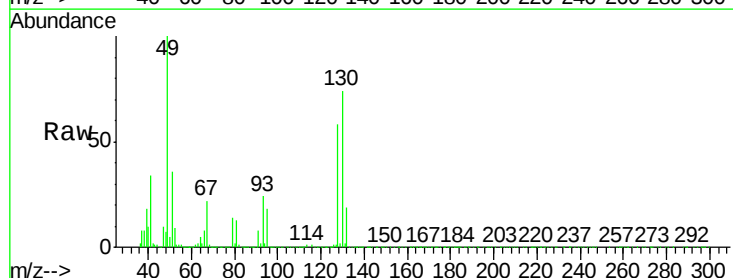
Tgt Ion: 49 Resp: 210143

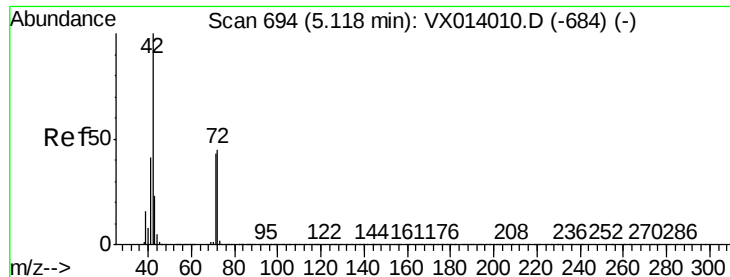
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

130 76.3 64.6 97.0





#29

Tetrahydrofuran

Concen: 242.455 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

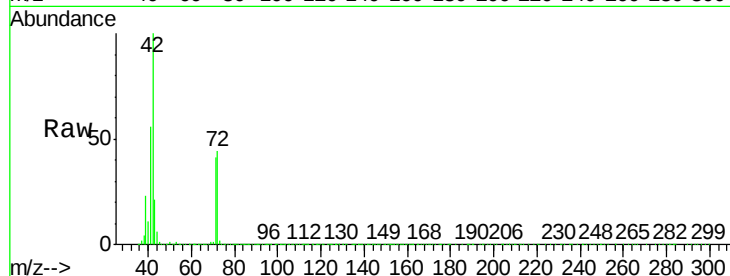
Tgt Ion: 42 Resp: 641920

Ion Ratio Lower Upper

42 100

72 44.2 35.8 53.8

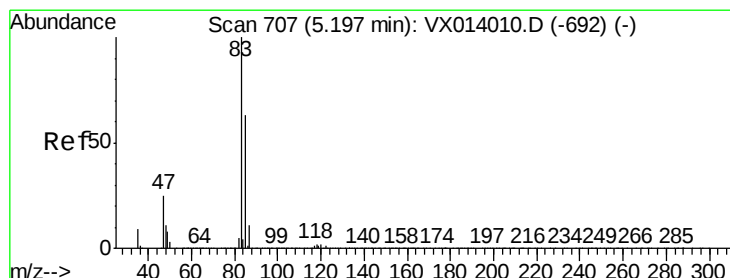
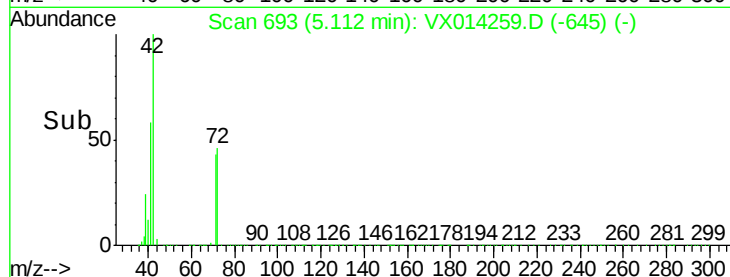
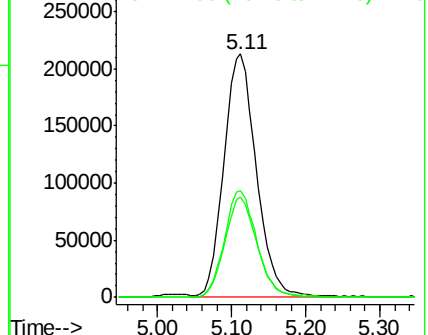
71 40.9 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.363 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014259.D

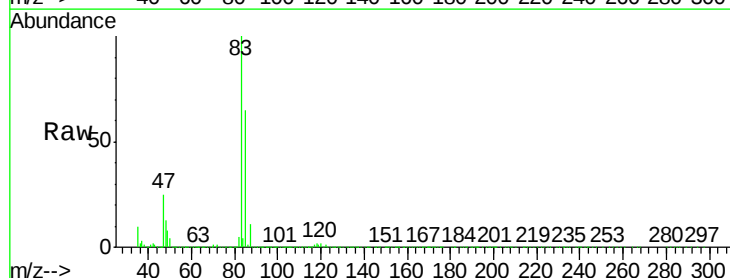
Acq: 26 Dec 2019 10:46

Tgt Ion: 83 Resp: 464958

Ion Ratio Lower Upper

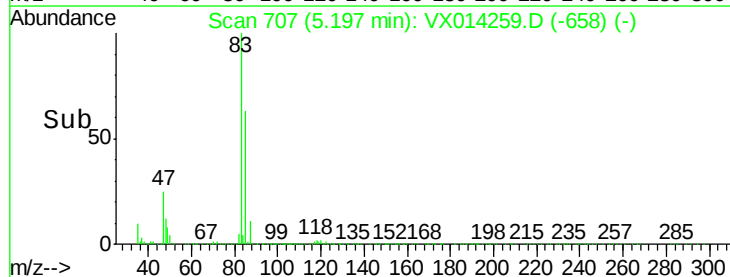
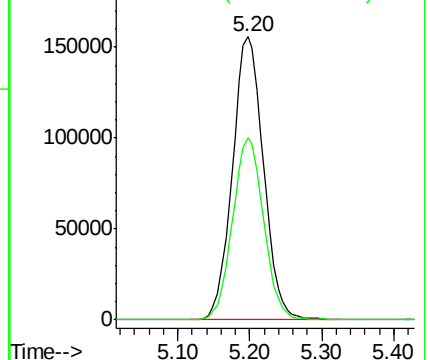
83 100

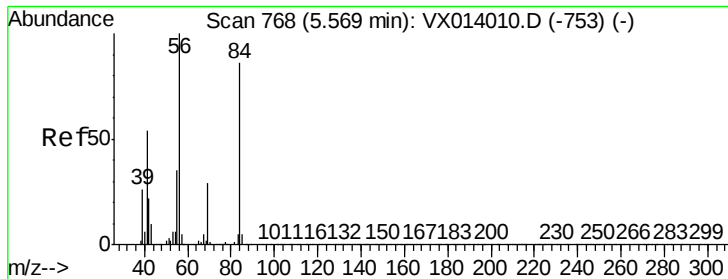
85 64.6 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

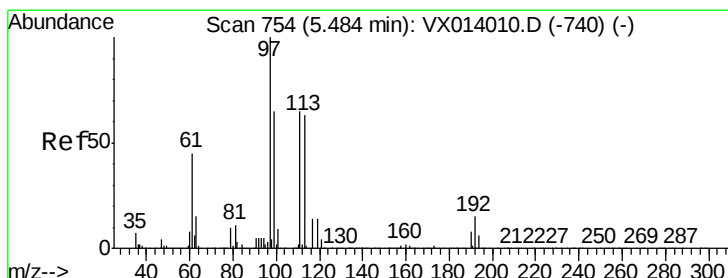
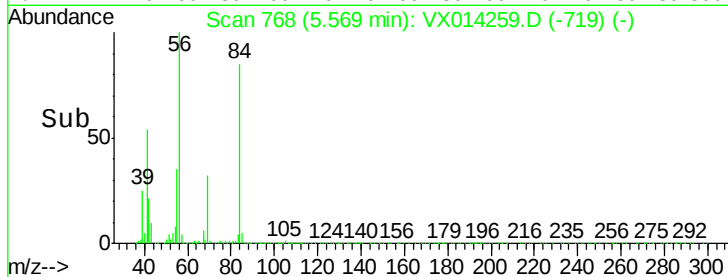
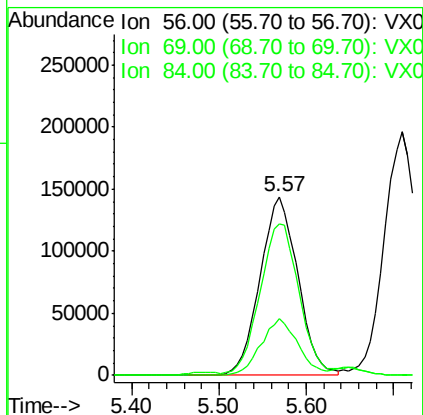
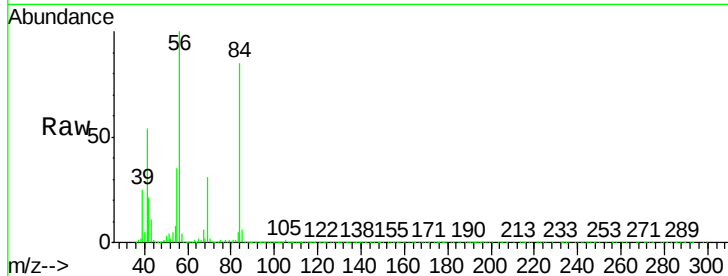




#31
Cyclohexane
Concen: 48.941 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

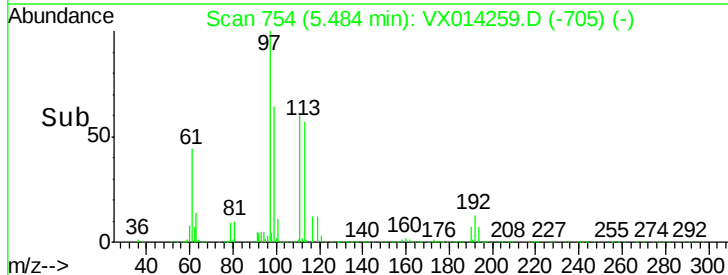
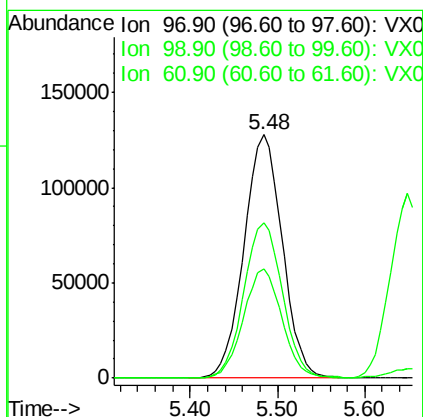
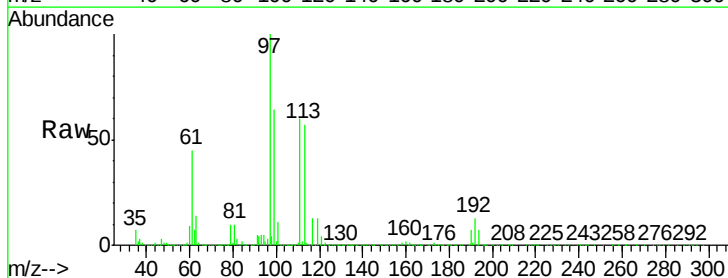
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 432498
Ion Ratio Lower Upper
56 100
69 31.4 23.2 34.8
84 83.8 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 48.348 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion: 97 Resp: 388124
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 45.0 36.7 55.1

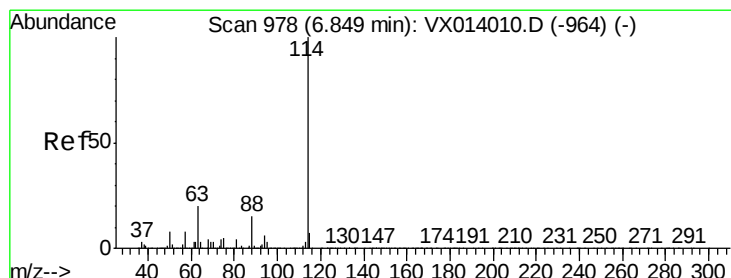
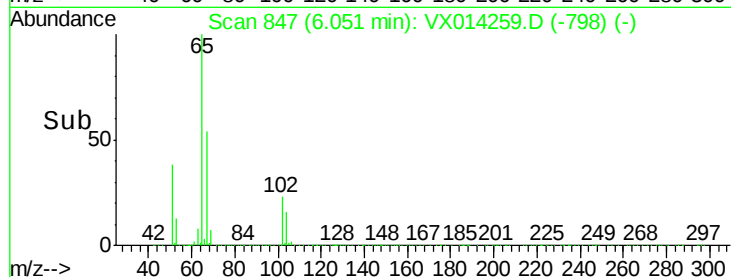
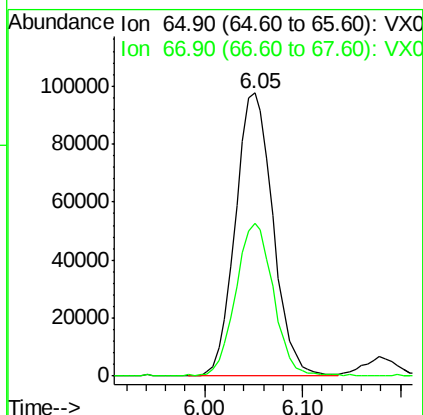
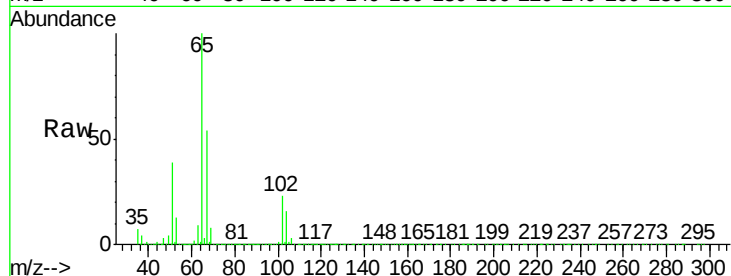




#33
 1,2-Dichloroethane-d4
 Concen: 43.809 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

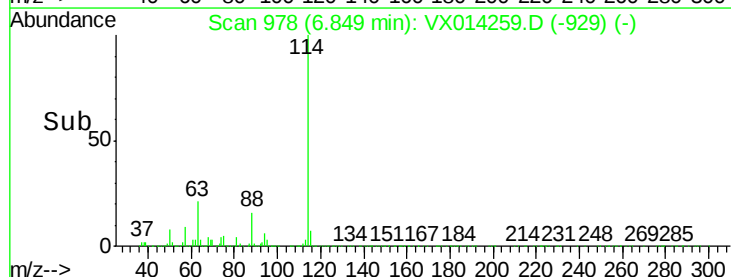
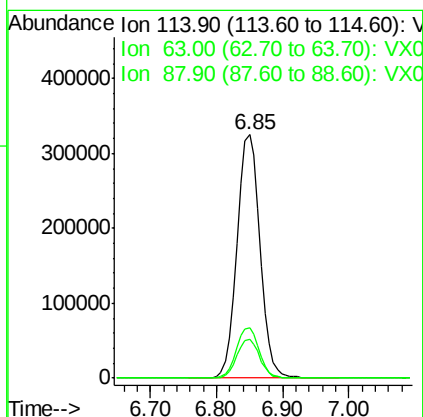
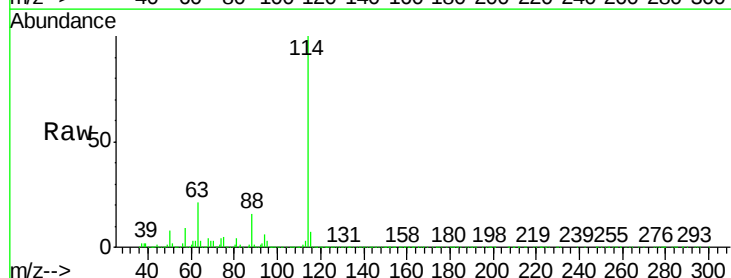
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion: 65 Resp: 259082
 Ion Ratio Lower Upper
 65 100
 67 53.9 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: VX014259.D
 Acq: 26 Dec 2019 10:46

Tgt Ion: 114 Resp: 782219
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.7 0.0 30.4

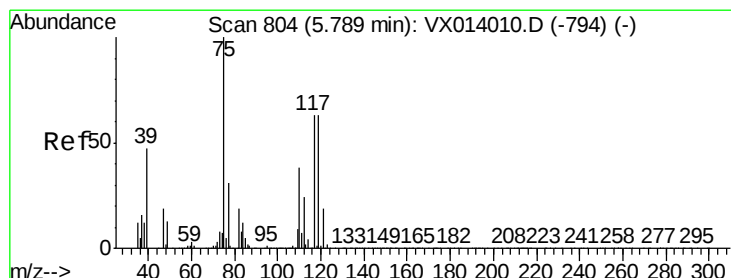
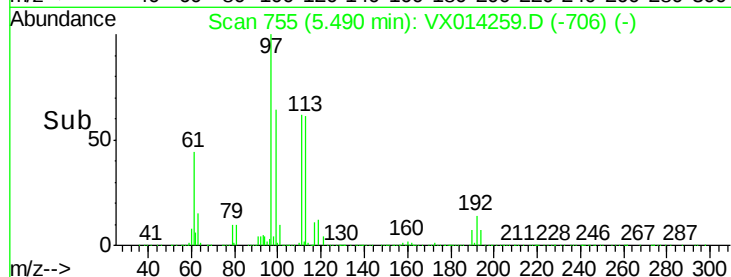
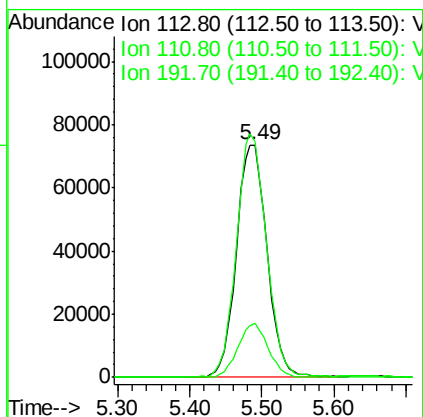
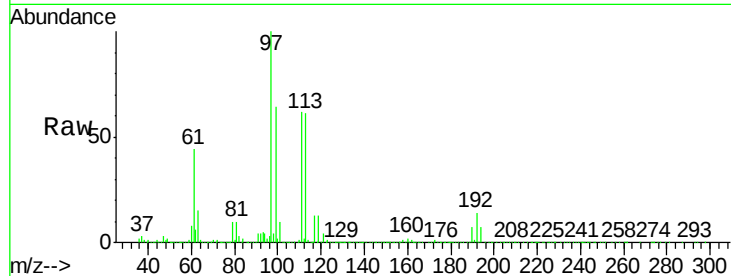




#35
 Dibromofluoromethane
 Concen: 45.537 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

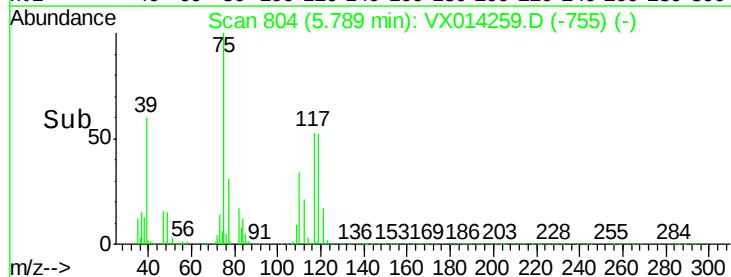
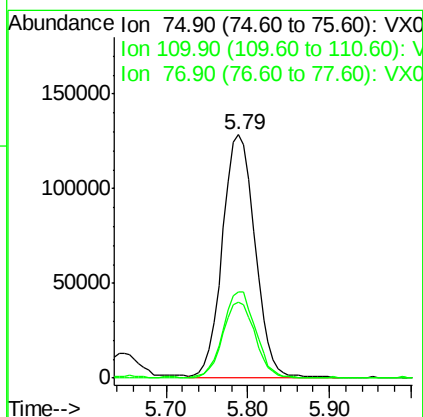
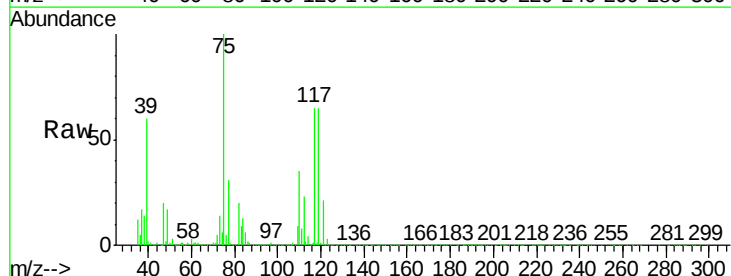
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	22.8	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 49.343 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.3	54.9
77	30.8	24.8	37.2

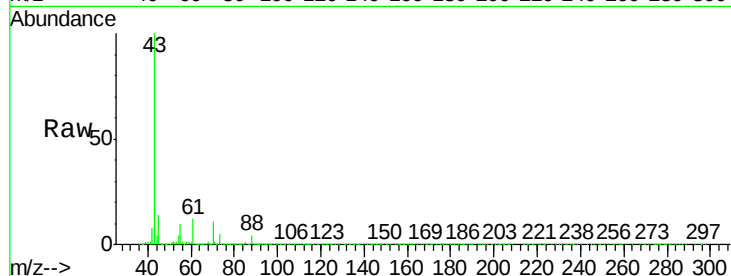




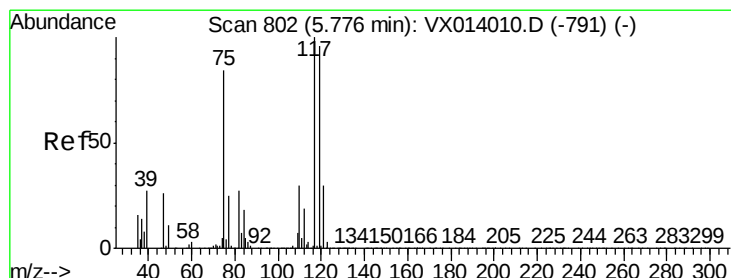
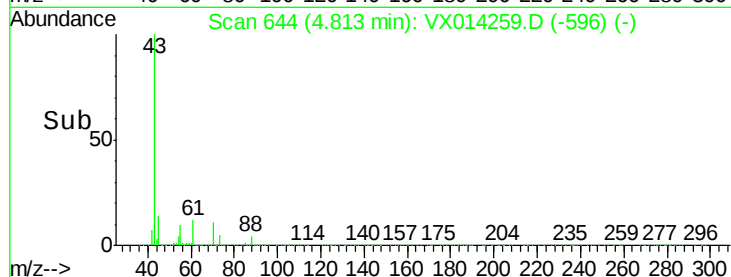
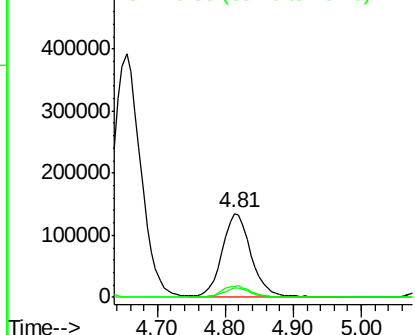
#37
Ethyl Acetate
Concen: 50.176 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	10.2	8.6	12.8

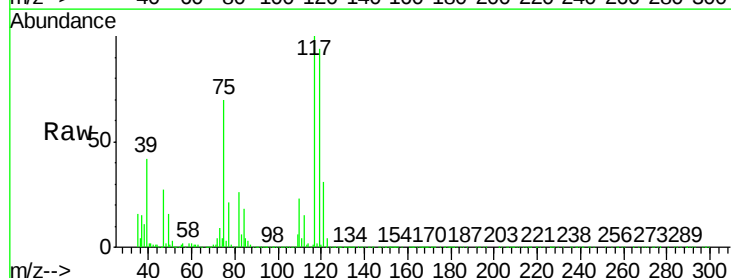


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

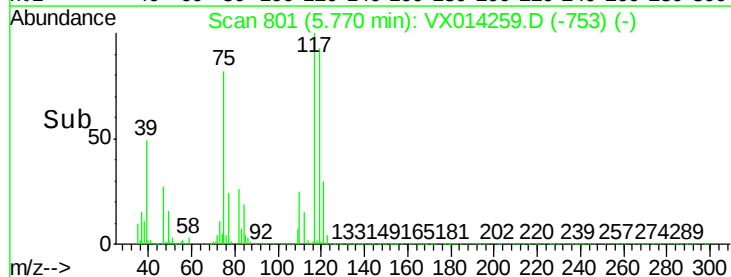
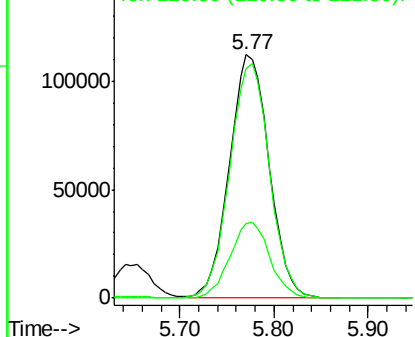


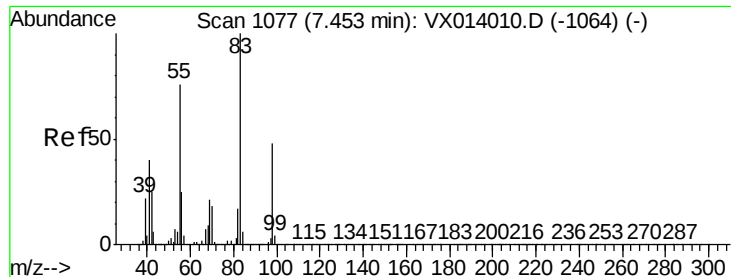
#38
Carbon Tetrachloride
Concen: 50.248 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.2	114.4
121	30.8	23.6	35.4



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

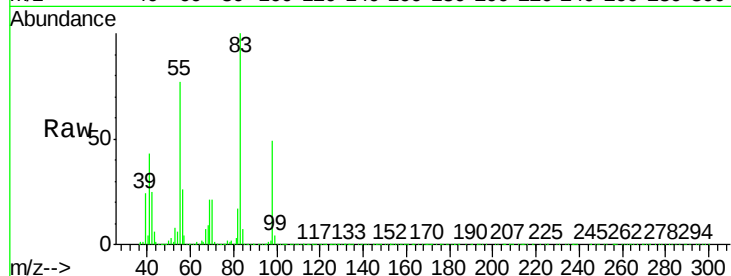




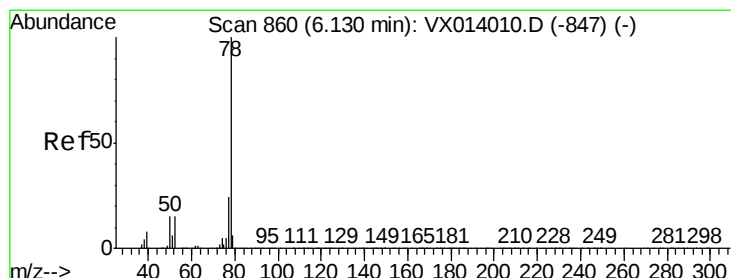
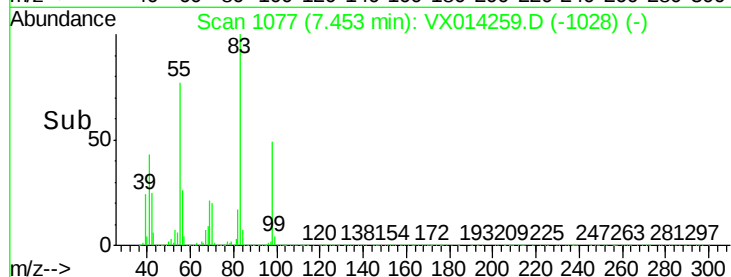
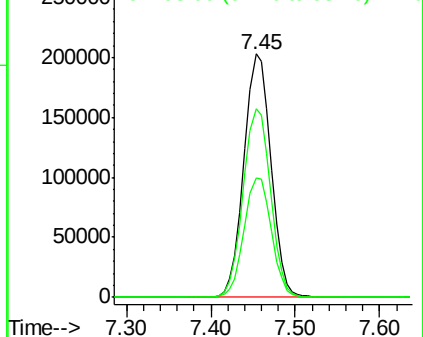
#39
Methylcyclohexane
Concen: 49.678 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.0	91.6
98	49.0	38.6	57.8

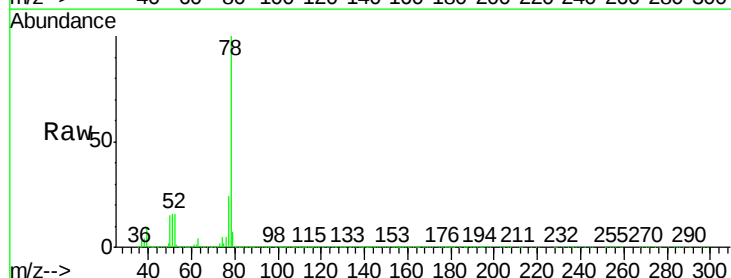


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

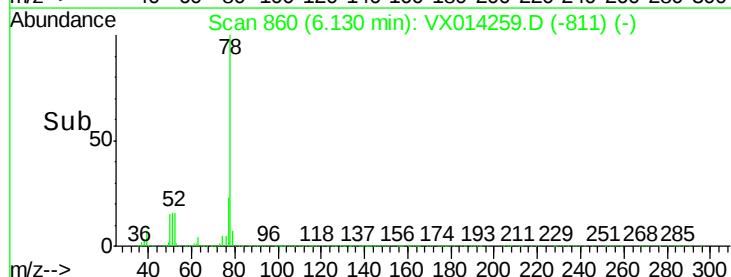
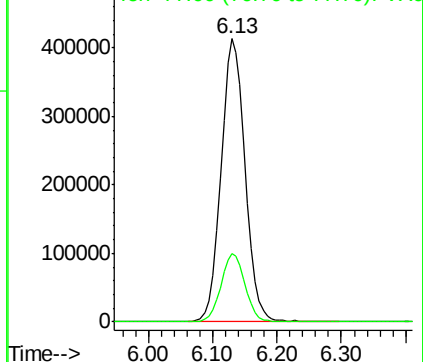


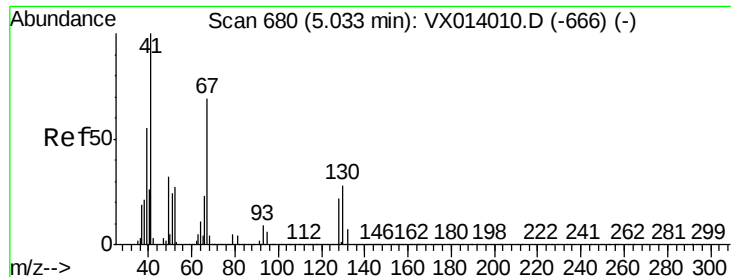
#40
Benzene
Concen: 49.062 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2



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

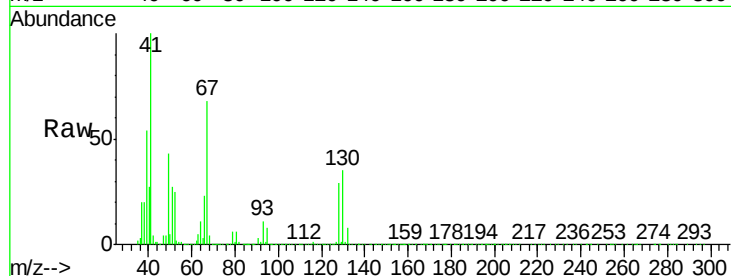




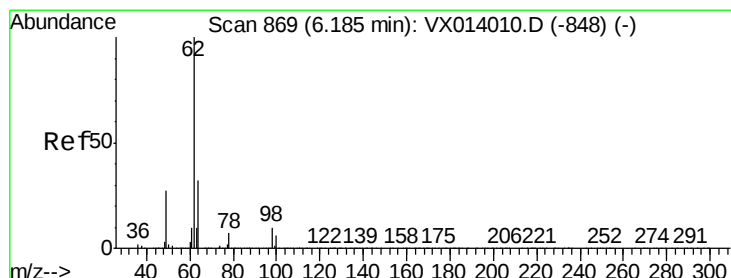
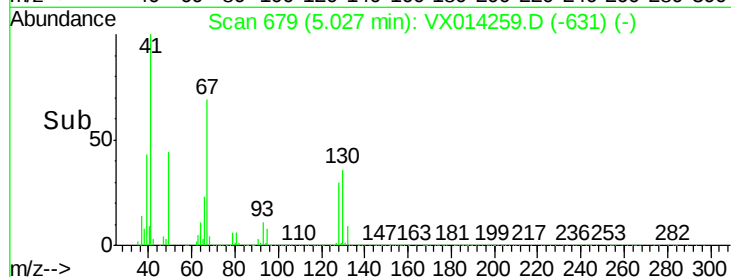
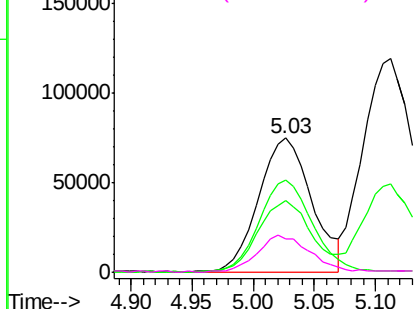
#41
Methacrylonitrile
Concen: 51.360 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	225862
Ion	Ratio	Lower	Upper
41	100		
39	51.9	44.5	66.7
67	68.5	57.4	86.0
52	26.6	23.0	34.4

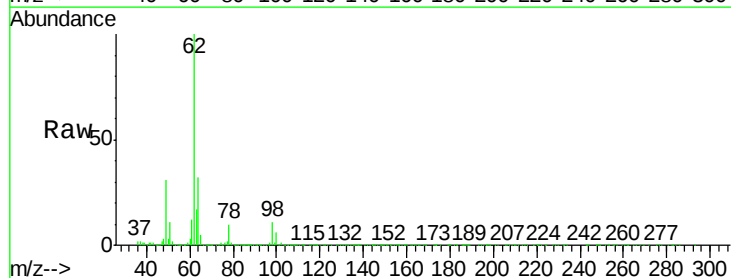


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

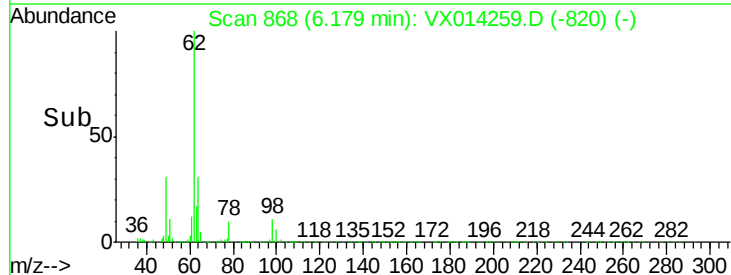
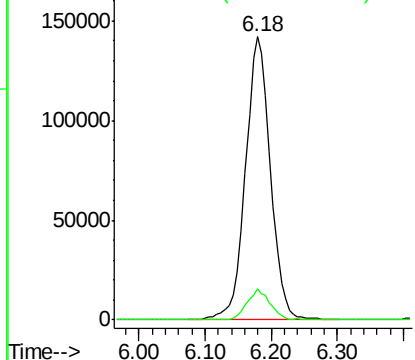


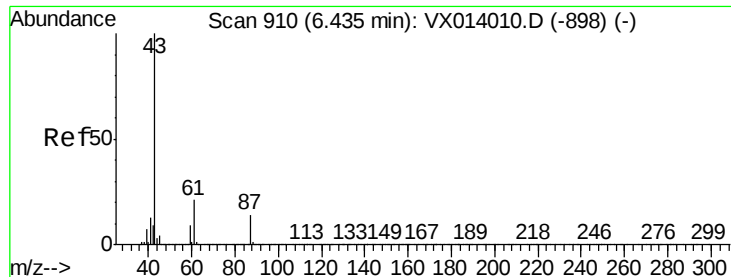
#42
1,2-Dichloroethane
Concen: 49.676 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion:	62	Resp:	371865
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 49.975 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

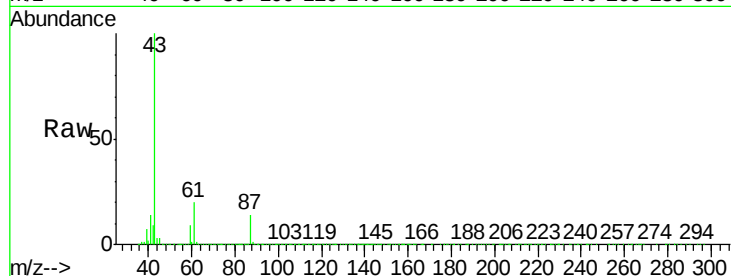
Tgt Ion: 43 Resp: 655502

Ion Ratio Lower Upper

43 100

61 20.1 16.4 24.6

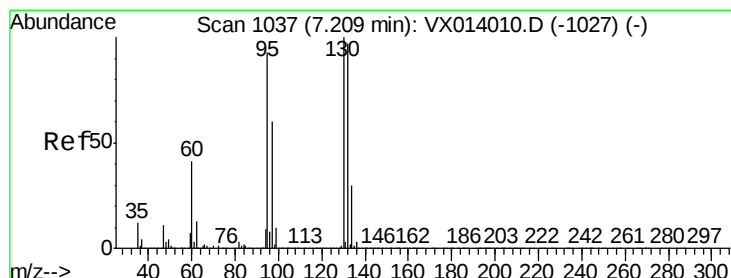
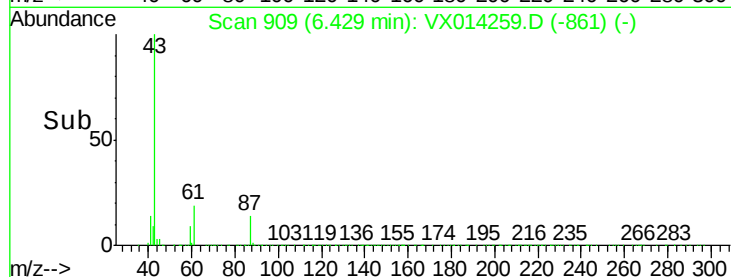
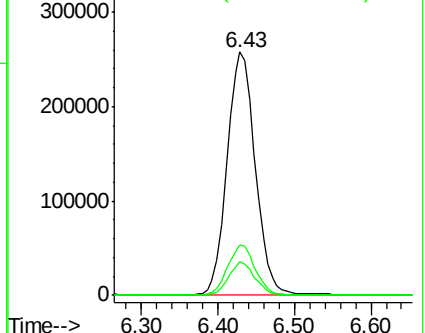
87 13.0 10.7 16.1



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: 48.112 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014259.D

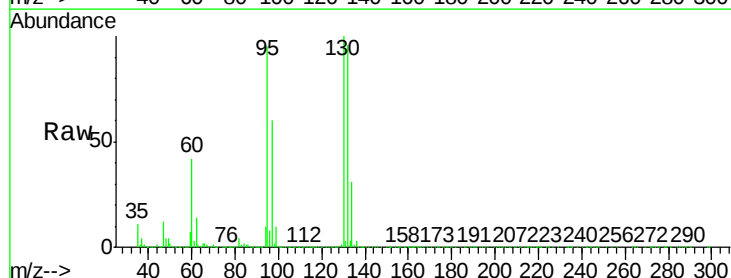
Acq: 26 Dec 2019 10:46

Tgt Ion: 130 Resp: 293470

Ion Ratio Lower Upper

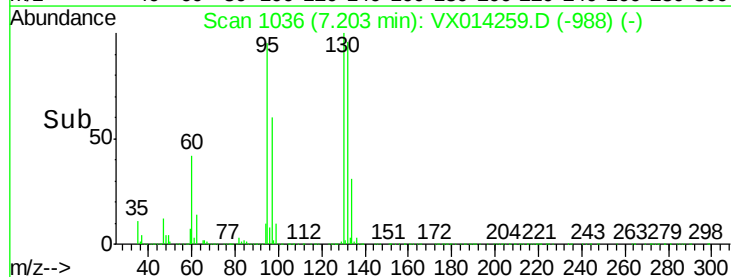
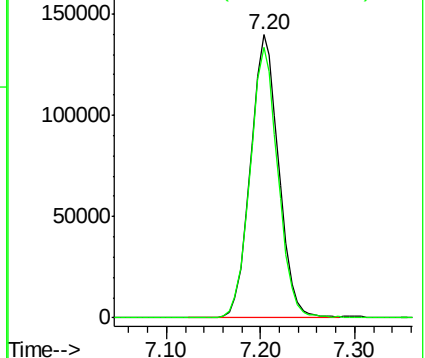
130 100

95 95.3 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: 50.472 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

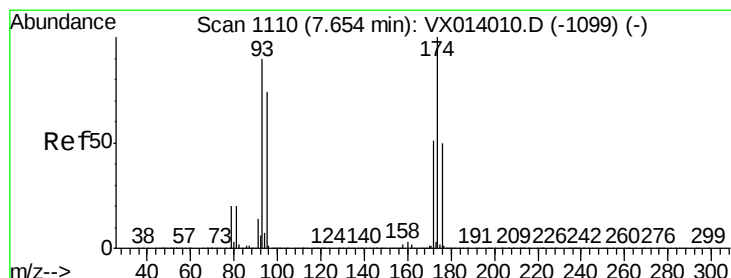
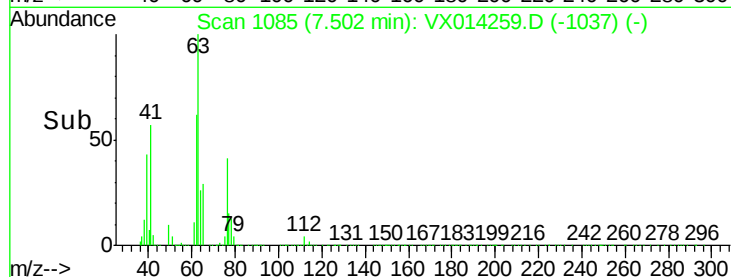
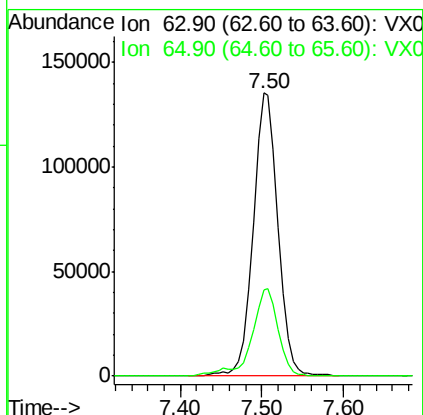
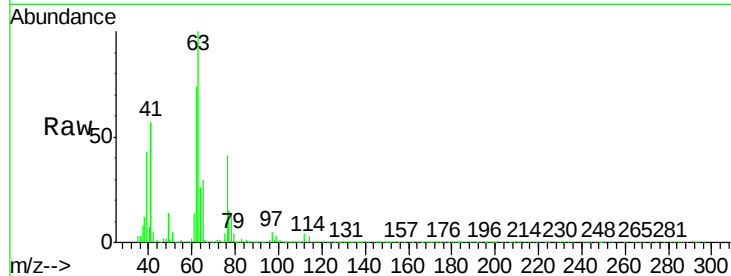
VSTDCCC050

Tgt Ion: 63 Resp: 285686

Ion Ratio Lower Upper

63 100

65 30.2 25.8 38.8



#46

Dibromomethane

Concen: 48.059 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

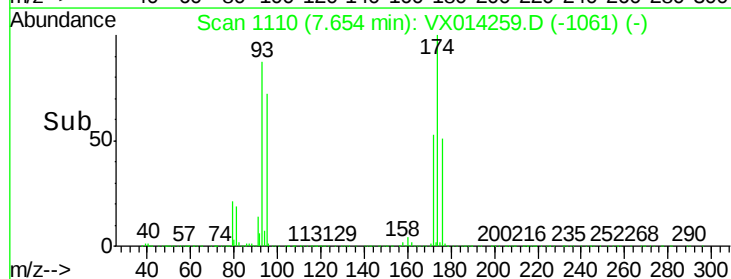
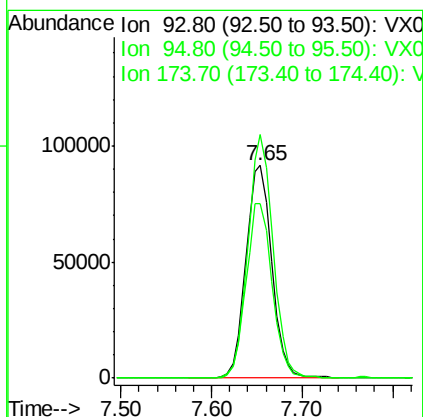
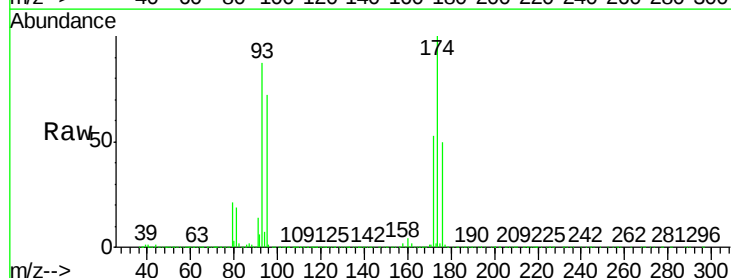
Tgt Ion: 93 Resp: 179851

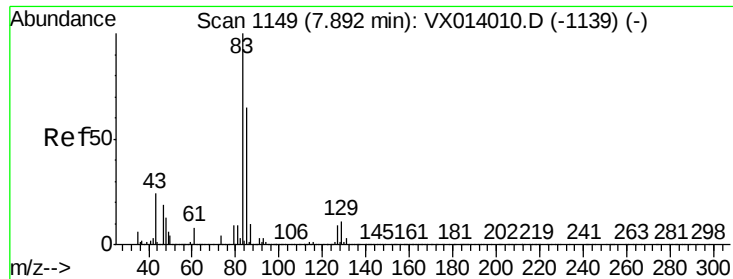
Ion Ratio Lower Upper

93 100

95 83.9 67.3 100.9

174 112.1 91.6 137.4





#47

Bromodichloromethane

Concen: 51.599 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

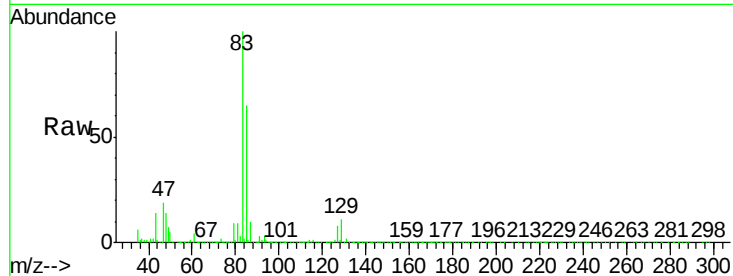
Tgt Ion: 83 Resp: 363672

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.8

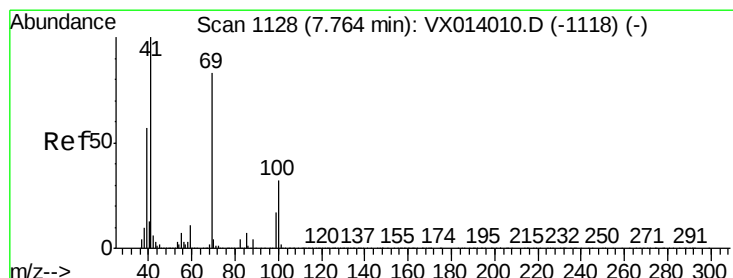
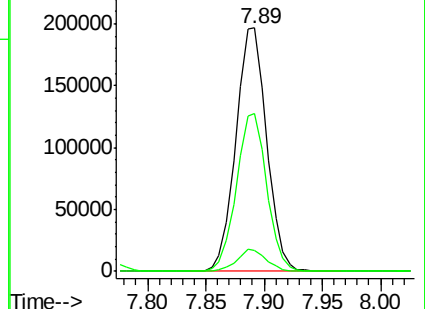
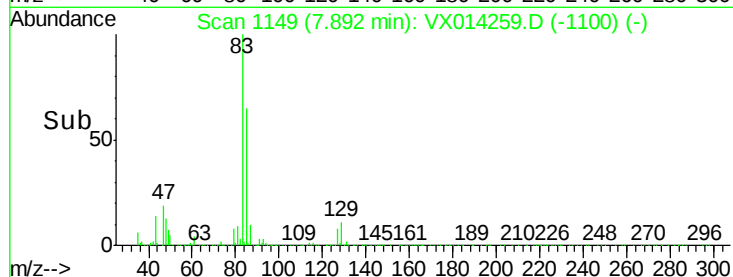
127 8.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.461 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

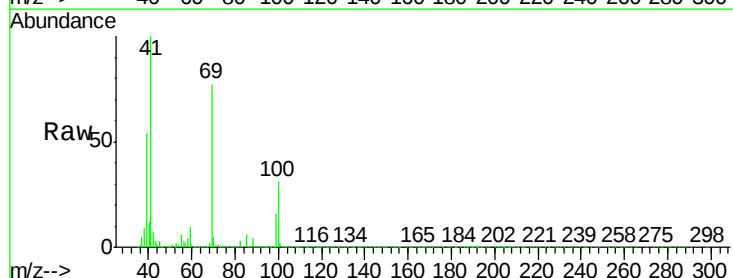
Tgt Ion: 41 Resp: 324109

Ion Ratio Lower Upper

41 100

69 80.3 65.8 98.6

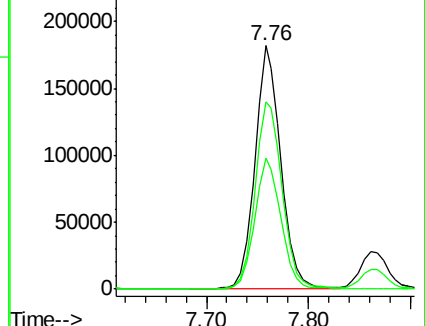
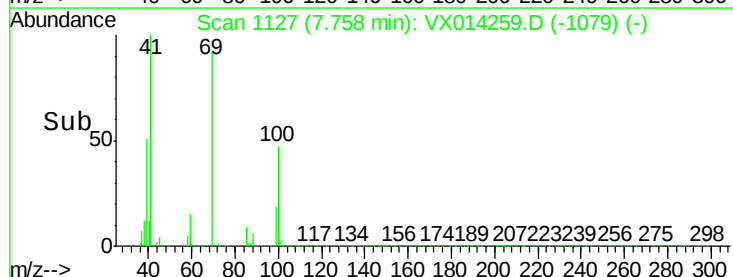
39 53.6 44.6 67.0

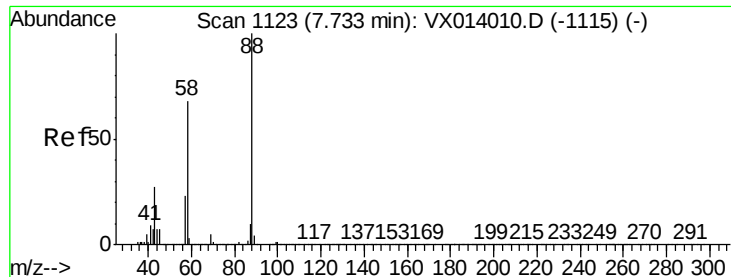


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 881.867 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

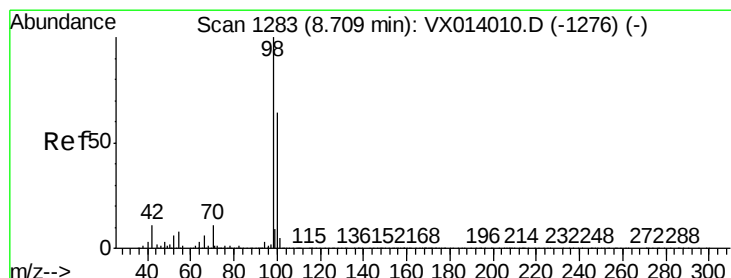
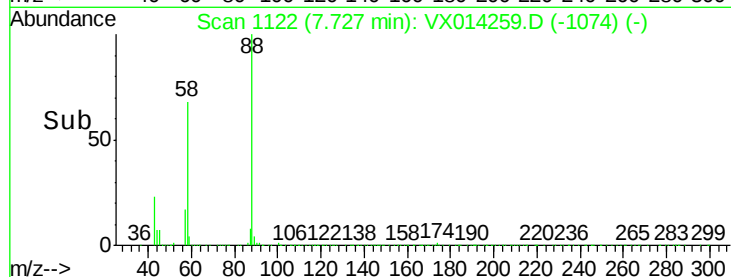
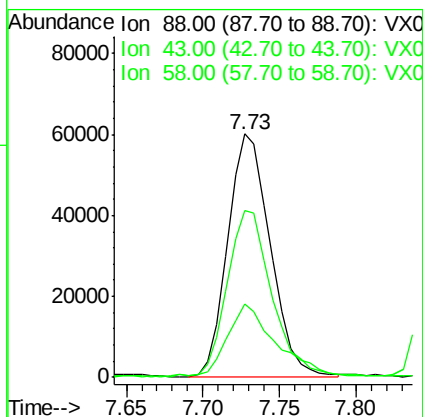
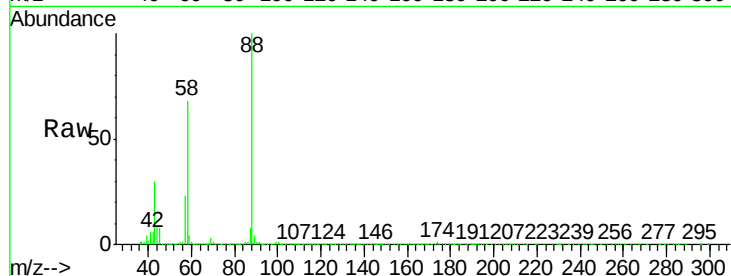
Tgt Ion: 88 Resp: 115267

Ion Ratio Lower Upper

88 100

43 36.0 26.5 39.7

58 71.6 56.8 85.2



#50

Toluene-d8

Concen: 45.406 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014259.D

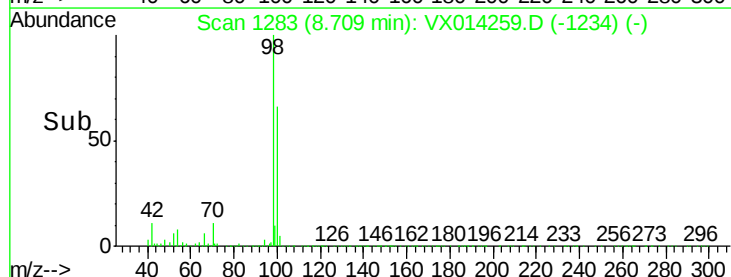
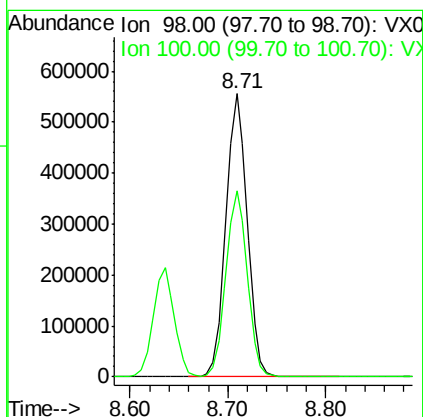
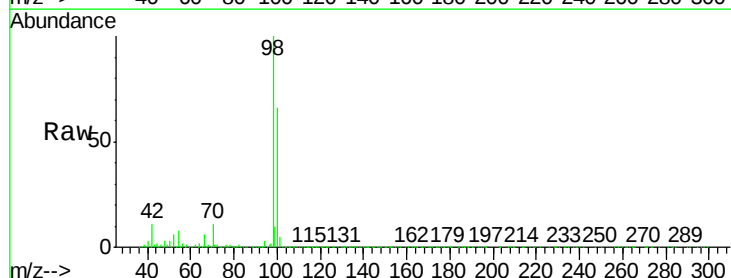
Acq: 26 Dec 2019 10:46

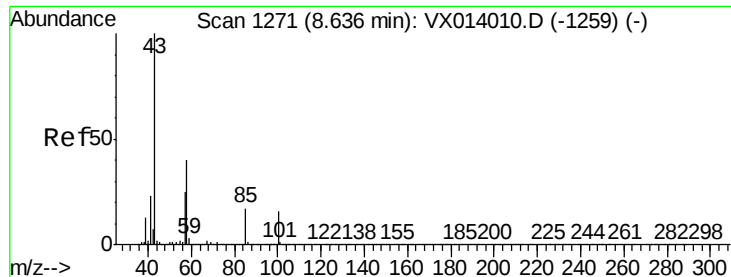
Tgt Ion: 98 Resp: 840577

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3

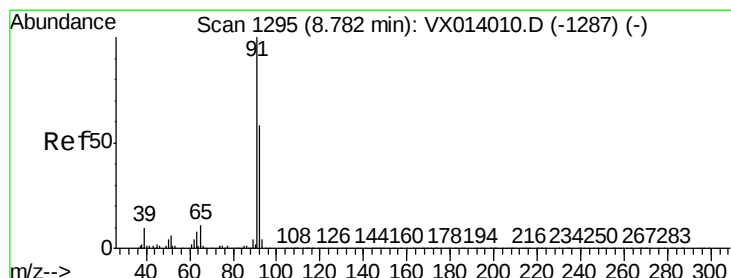
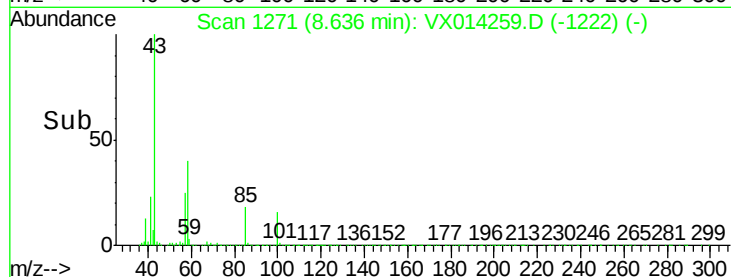
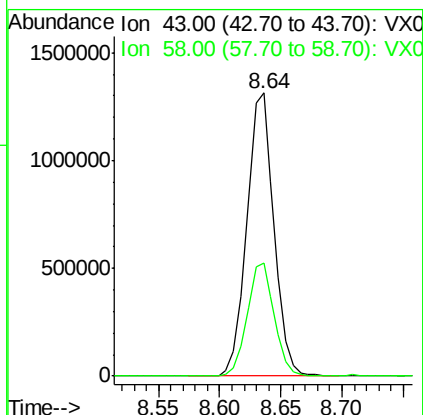
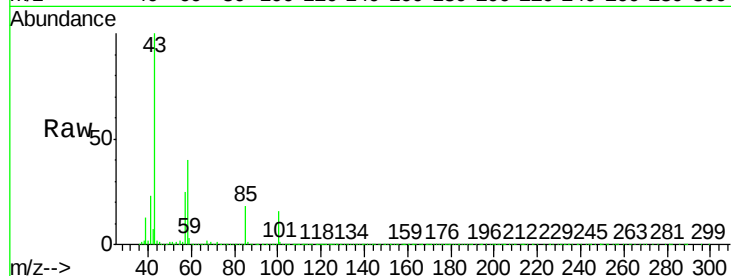




#51
 4-Methyl-2-Pentanone
 Concen: 246.356 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

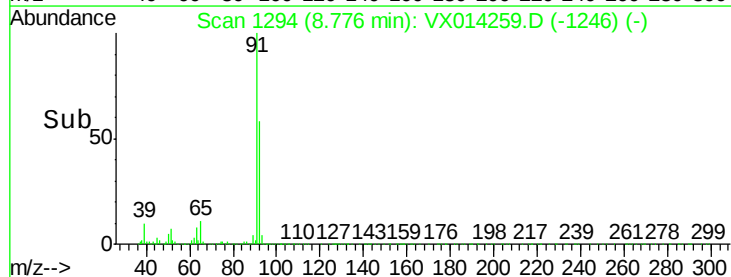
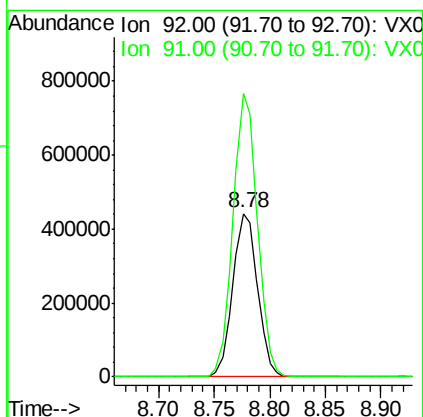
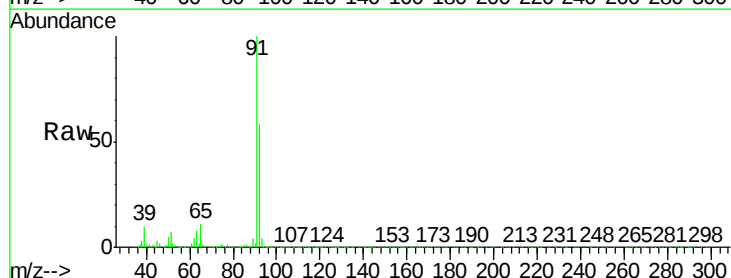
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2029374
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.2 48.2



#52
 Toluene
 Concen: 48.848 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Tgt Ion: 92 Resp: 681847
 Ion Ratio Lower Upper
 92 100
 91 171.2 136.2 204.4

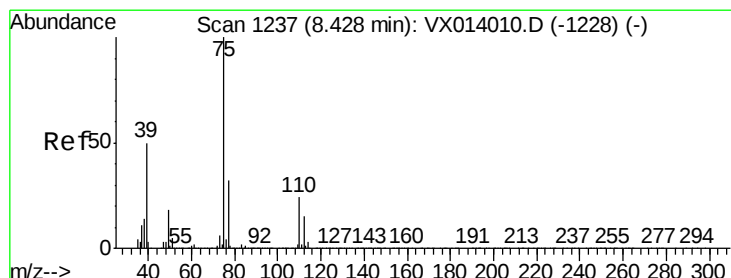
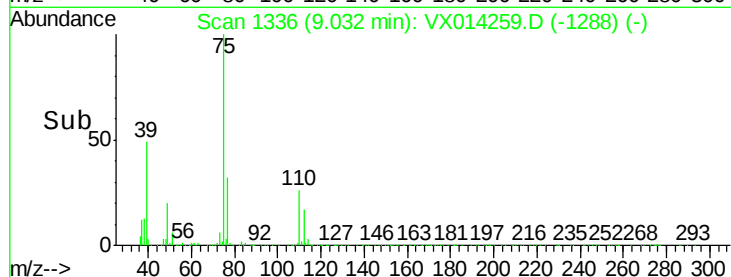
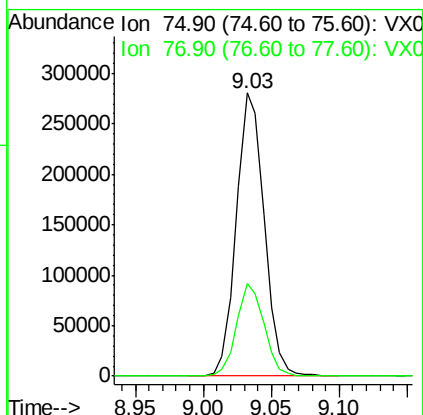
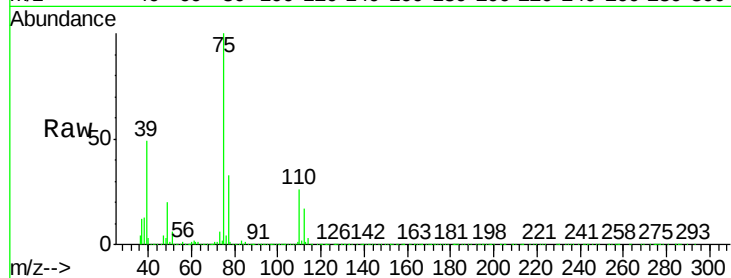




#53
 t-1,3-Dichloropropene
 Concen: 51.764 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

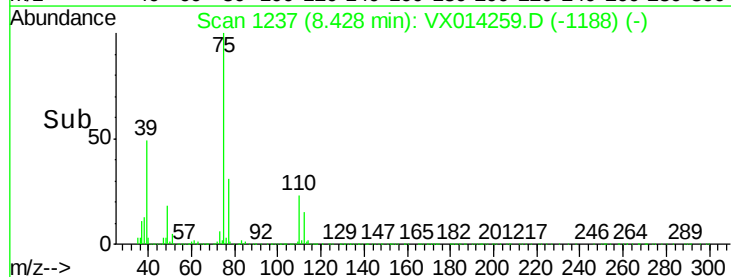
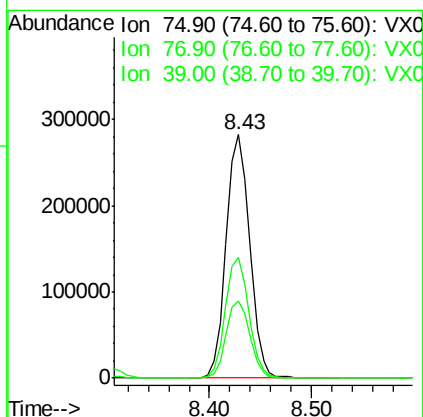
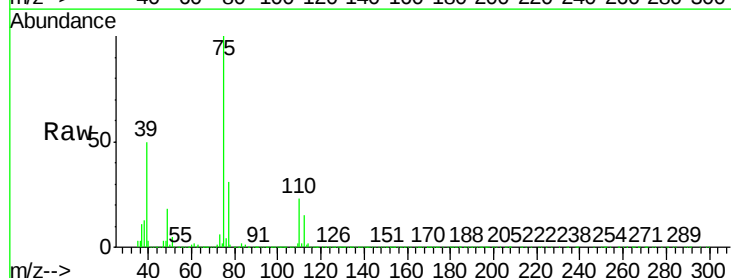
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 400041
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.417 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Tgt Ion: 75 Resp: 451295
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 49.4 39.9 59.9

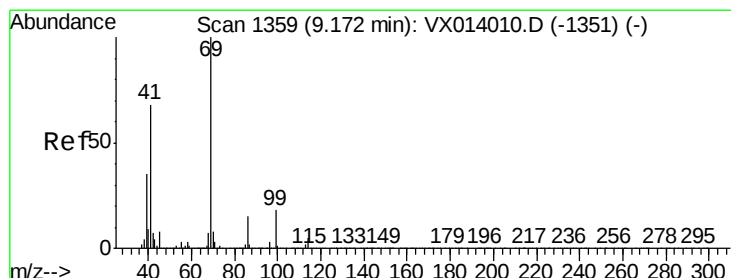
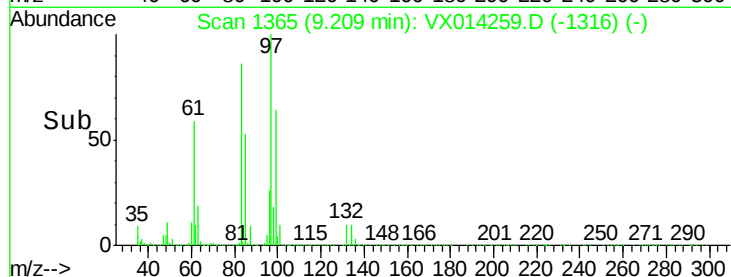
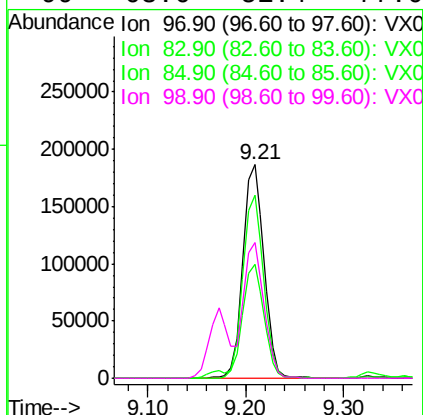
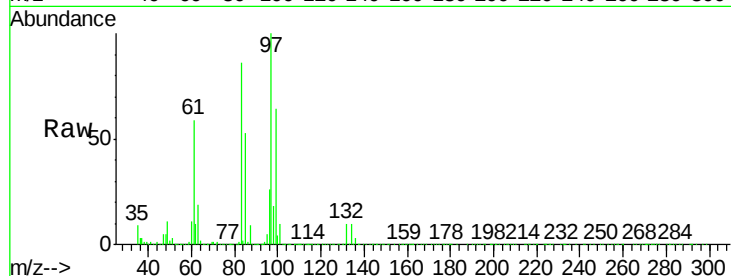




#55
 1,1,2-Trichloroethane
 Concen: 49.937 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

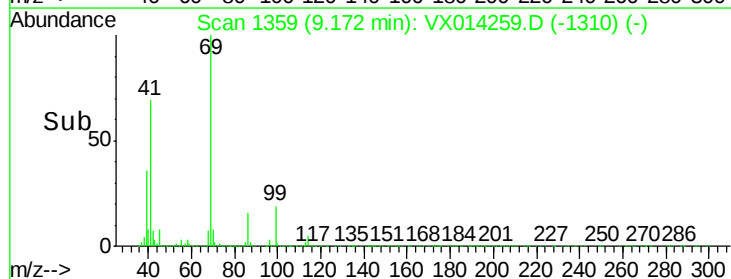
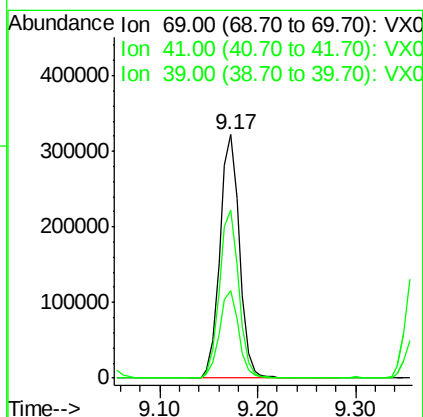
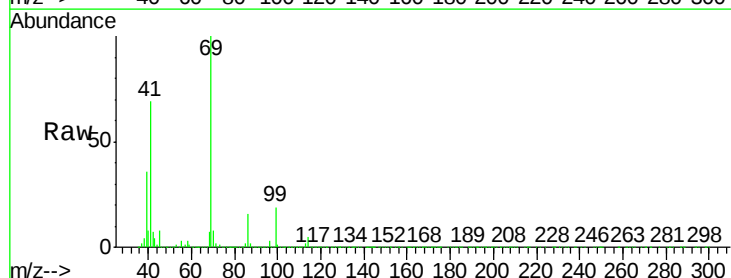
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

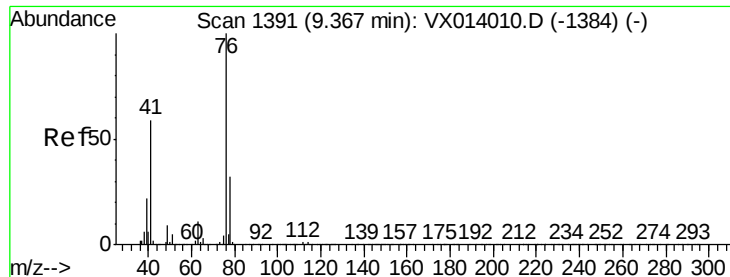
Tgt Ion:	97	Resp:	279367
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.2	102.4
85	53.1	44.6	66.8
99	63.6	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 50.704 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Tgt Ion:	69	Resp:	445582
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.8	82.2
39	35.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.071 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

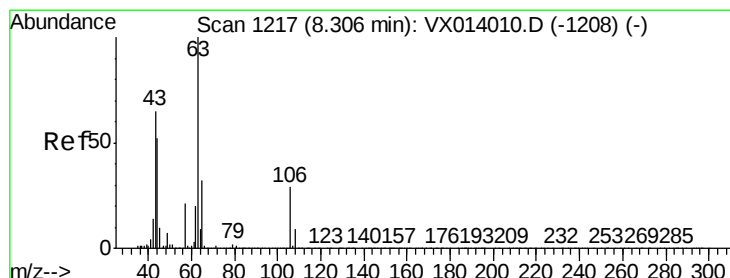
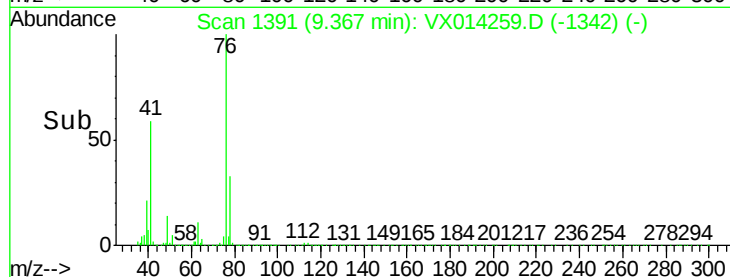
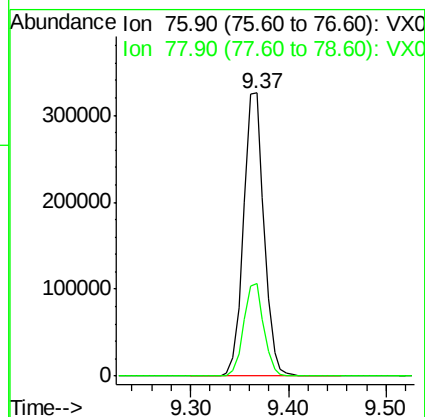
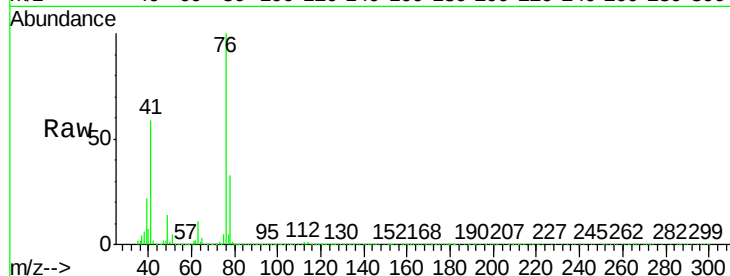
VSTDCCC050

Tgt Ion: 76 Resp: 471296

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.501 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014259.D

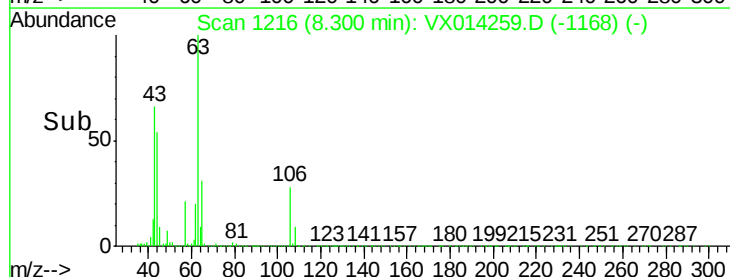
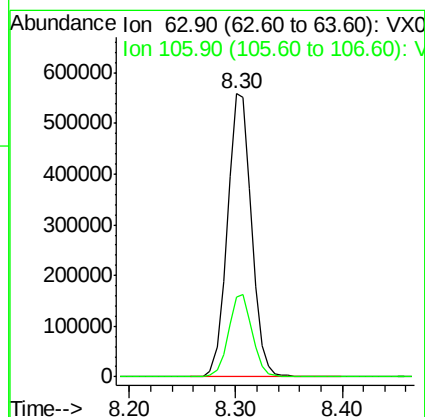
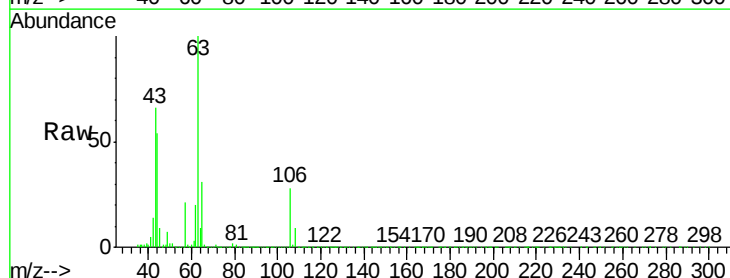
Acq: 26 Dec 2019 10:46

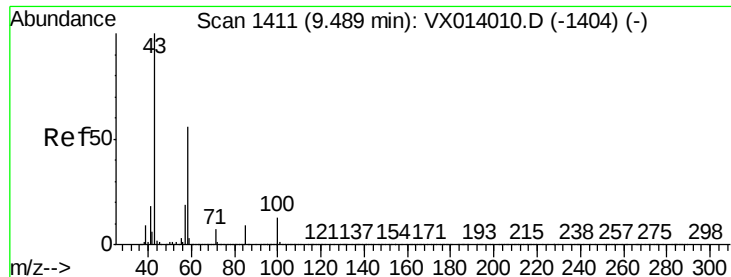
Tgt Ion: 63 Resp: 882962

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6





#59

2-Hexanone

Concen: 239.748 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

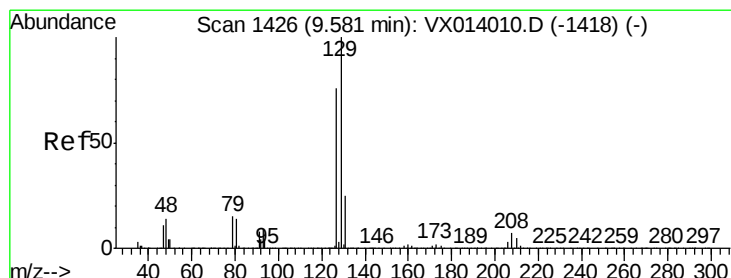
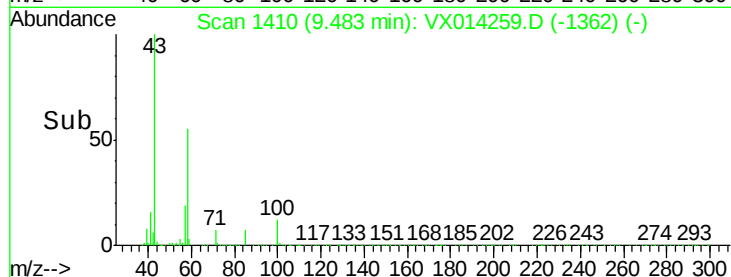
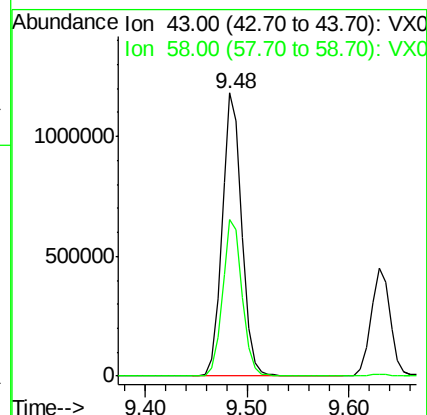
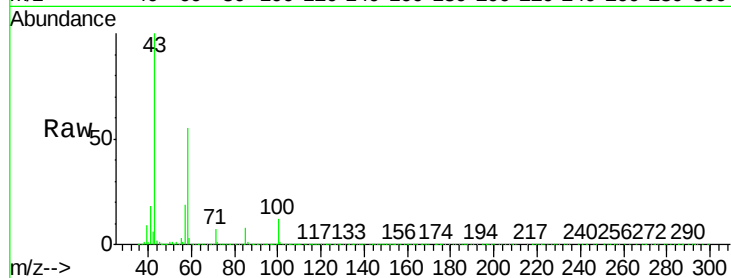
VSTDCCC050

Tgt Ion: 43 Resp: 1589832

Ion Ratio Lower Upper

43 100

58 55.3 28.0 84.0



#60

Dibromochloromethane

Concen: 52.437 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014259.D

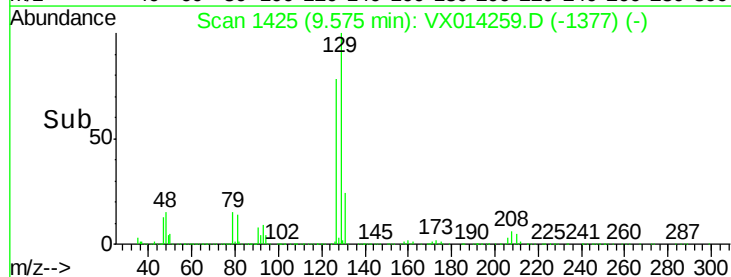
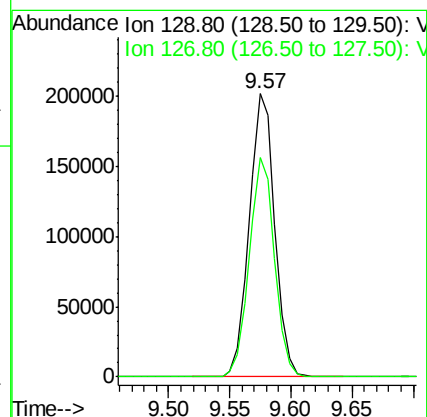
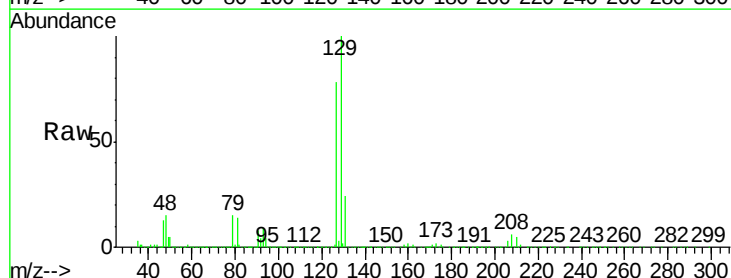
Acq: 26 Dec 2019 10:46

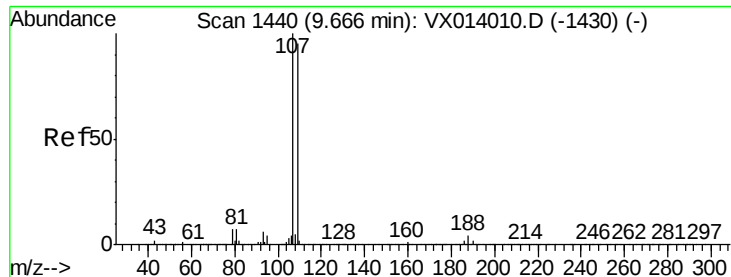
Tgt Ion: 129 Resp: 291594

Ion Ratio Lower Upper

129 100

127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.510 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

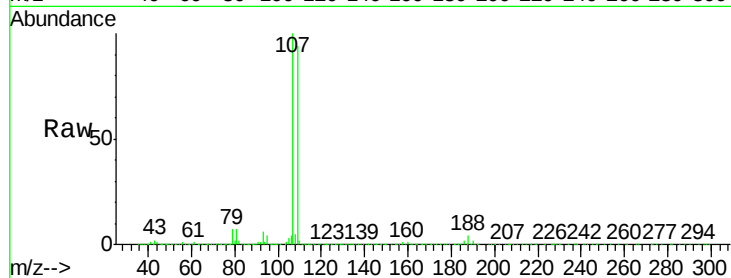
VSTDCCC050

Tgt Ion: 107 Resp: 283394

Ion Ratio Lower Upper

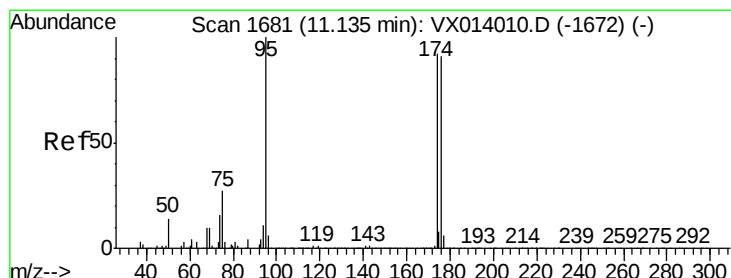
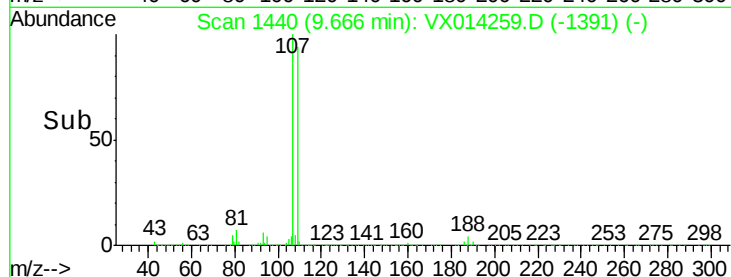
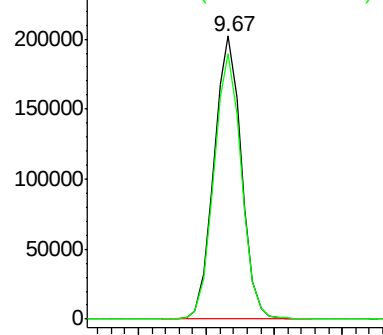
107 100

109 94.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.468 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

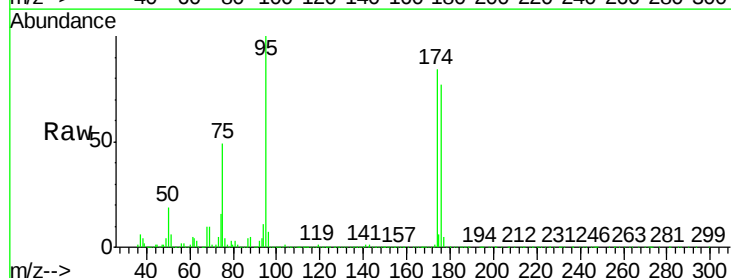
Tgt Ion: 95 Resp: 300923

Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.8

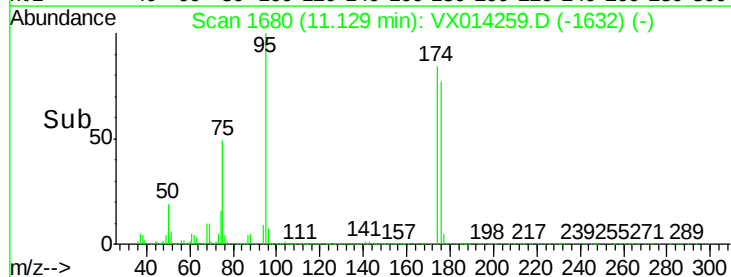
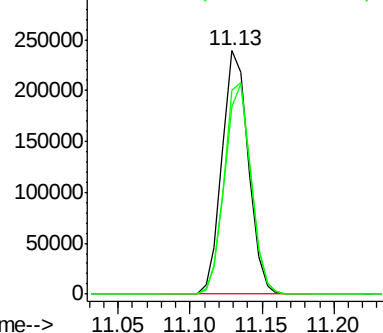
176 86.0 0.0 173.0

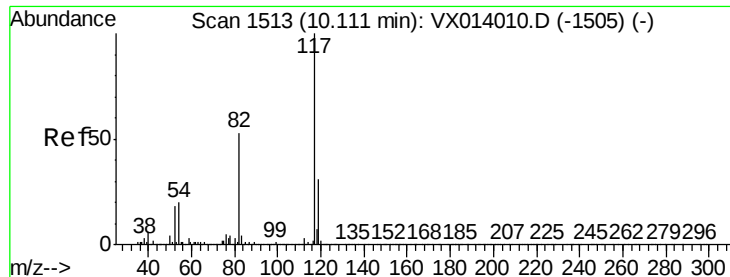


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

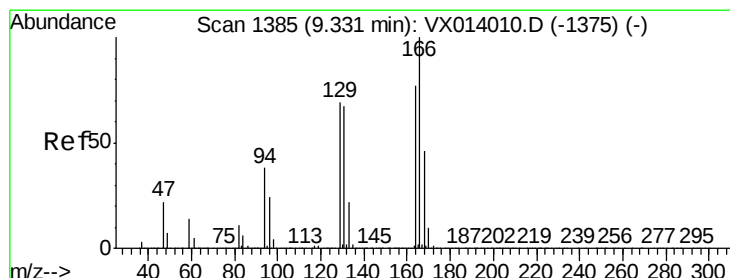
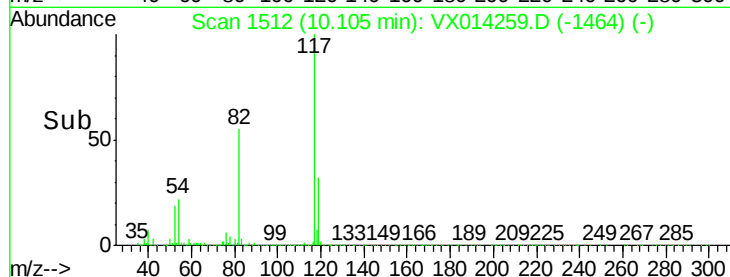
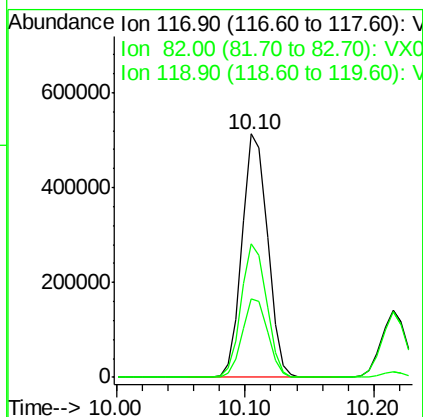
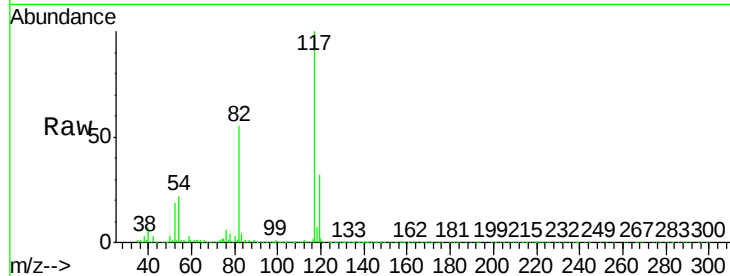




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

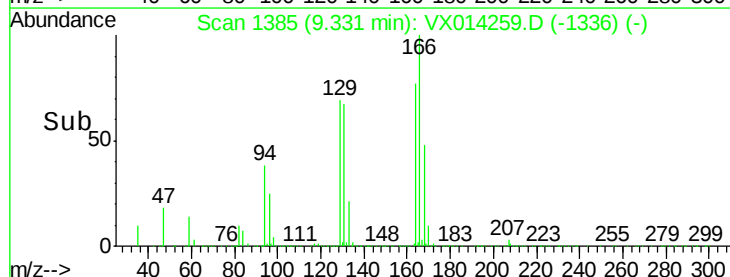
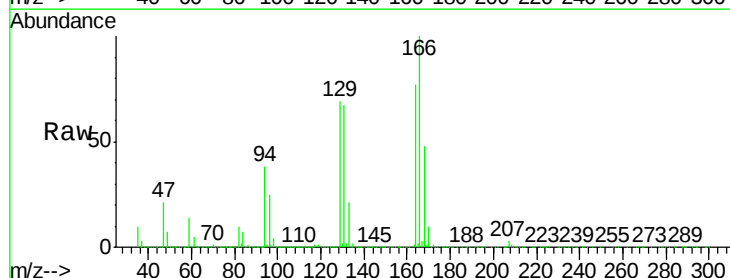
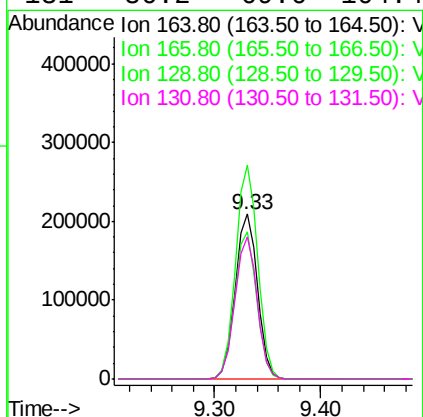
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 705002
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.4
119 32.3 25.1 37.7



#64
Tetrachloroethene
Concen: 49.300 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion:164 Resp: 307554
Ion Ratio Lower Upper
164 100
166 129.4 104.0 156.0
129 89.5 72.2 108.4
131 86.2 69.6 104.4

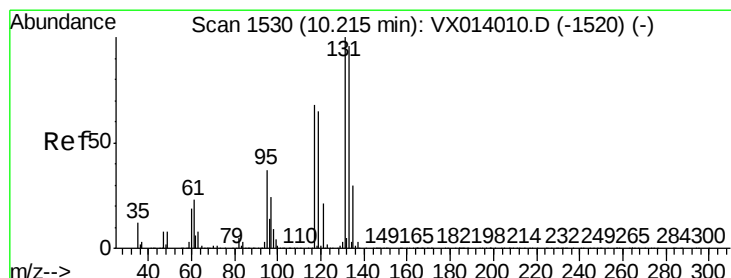
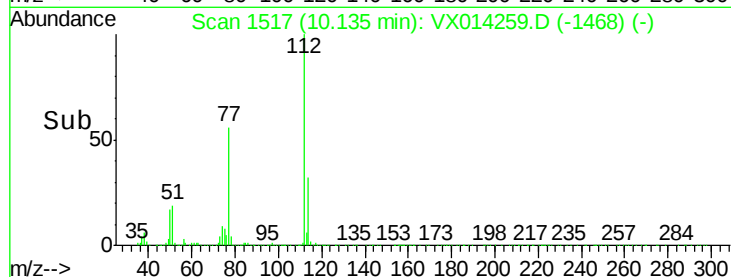
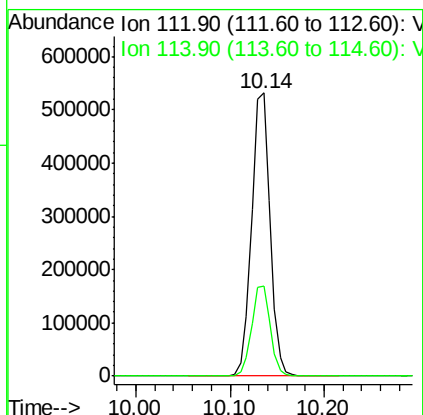
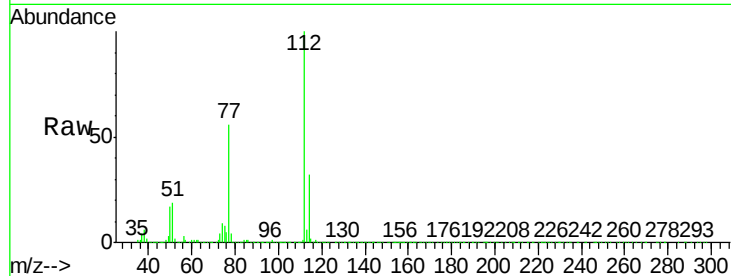




#65
Chlorobenzene
Concen: 49.025 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

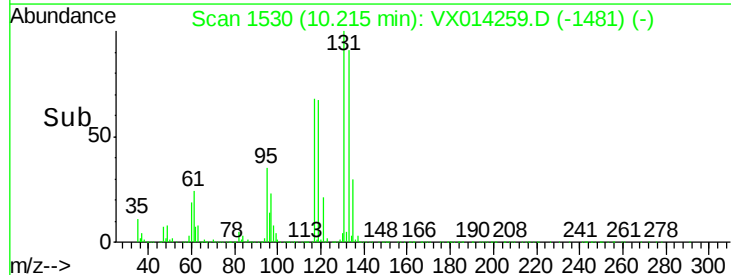
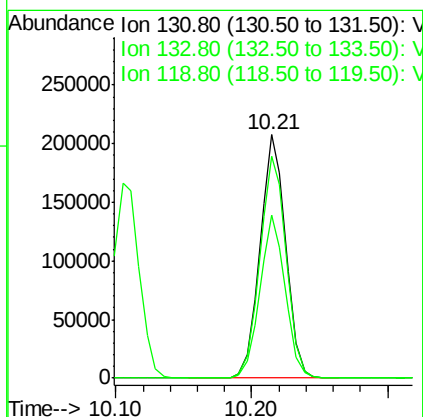
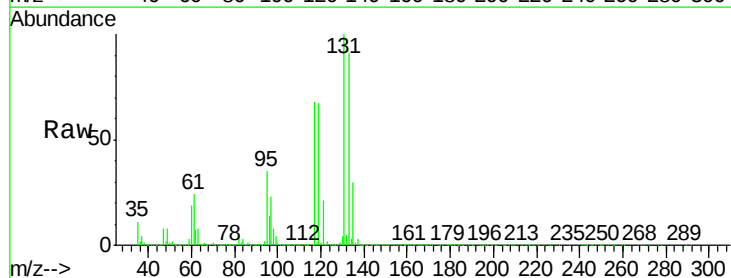
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

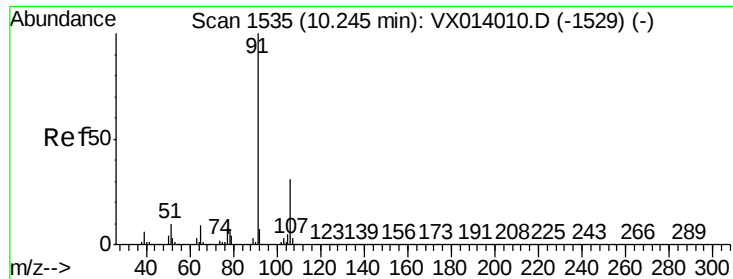
Tgt Ion:112 Resp: 734892
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.343 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion:131 Resp: 274806
Ion Ratio Lower Upper
131 100
133 93.3 48.0 144.0
119 66.2 33.4 100.2





#67

Ethyl Benzene

Concen: 50.464 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

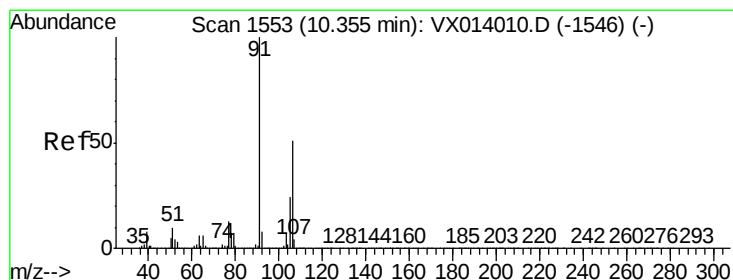
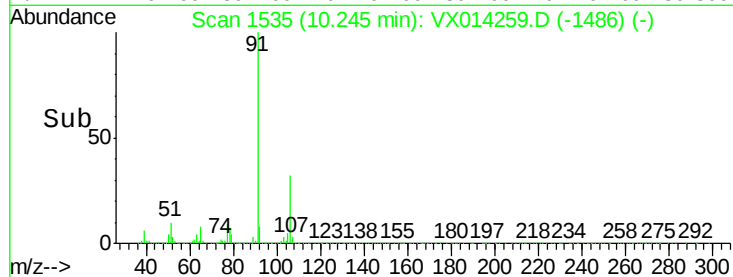
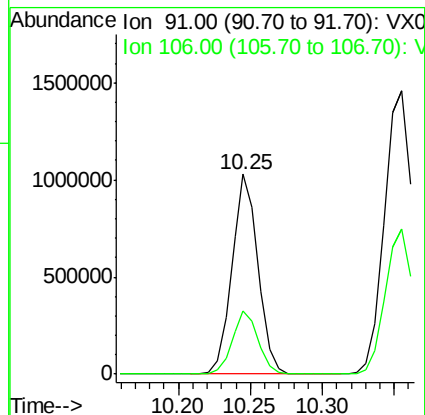
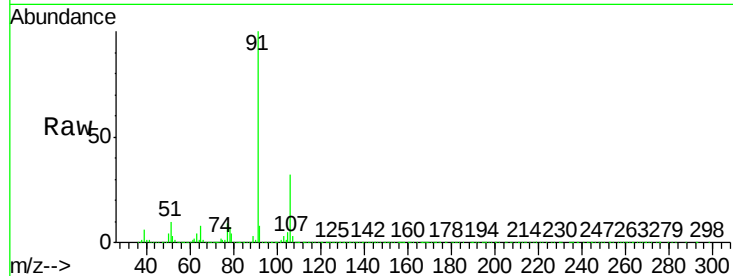
VSTDCCC050

Tgt Ion: 91 Resp: 1300524

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6



#68

m/p-Xylenes

Concen: 100.167 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014259.D

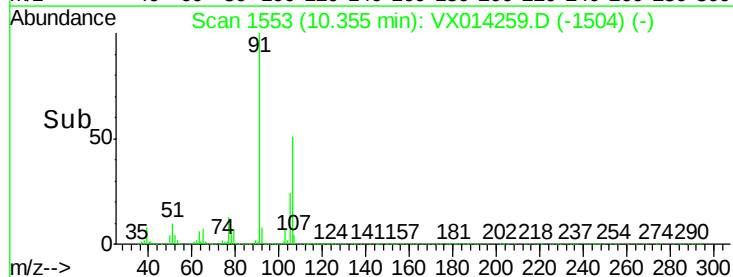
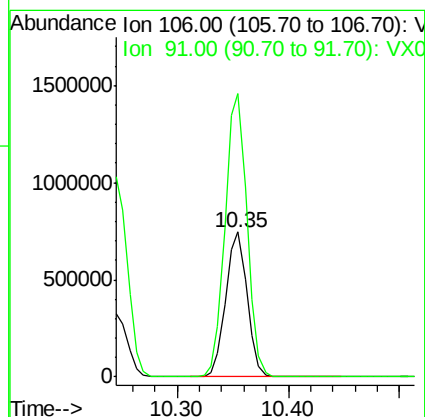
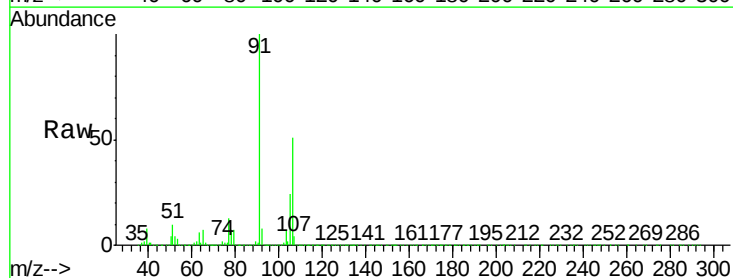
Acq: 26 Dec 2019 10:46

Tgt Ion: 106 Resp: 992859

Ion Ratio Lower Upper

106 100

91 199.3 158.6 238.0

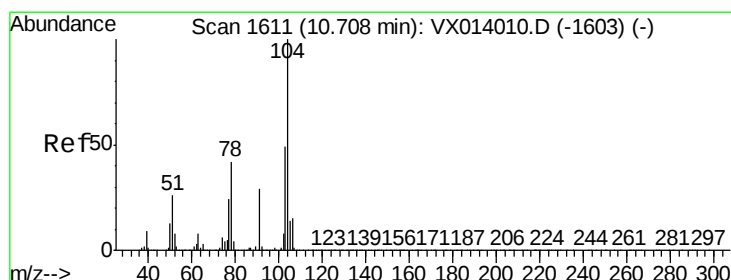
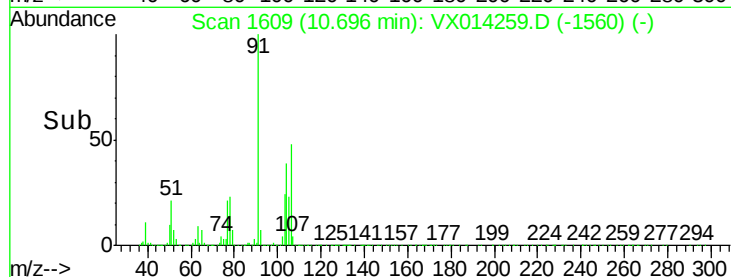
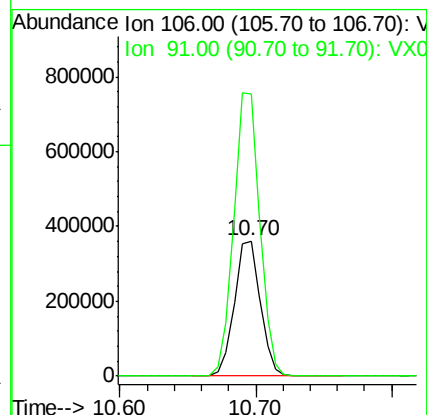
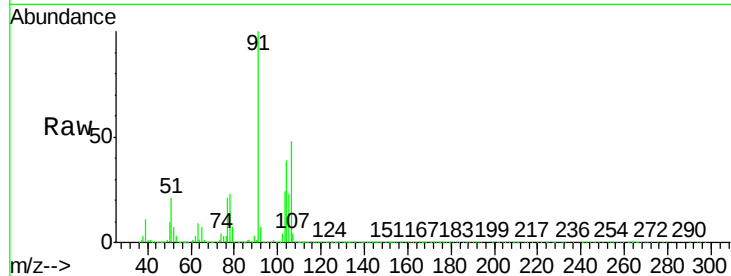




#69
o-Xylene
Concen: 49.185 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

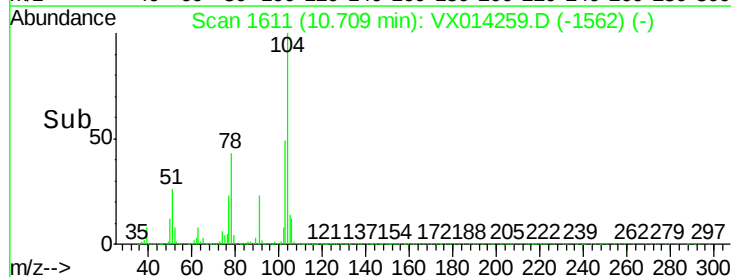
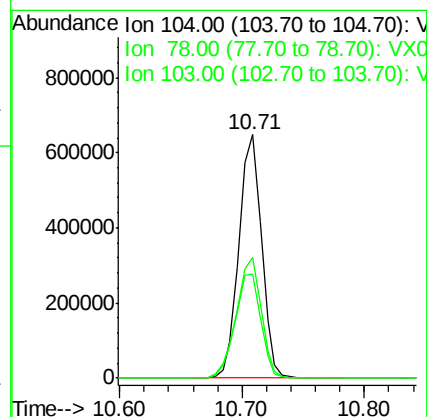
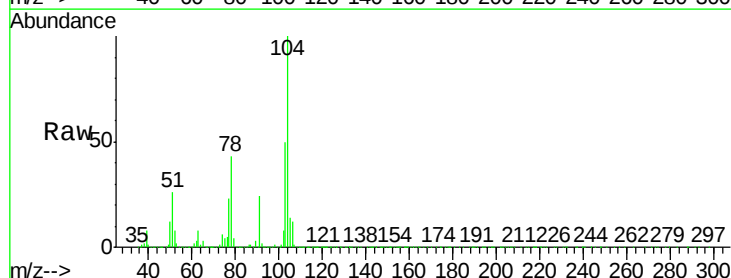
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

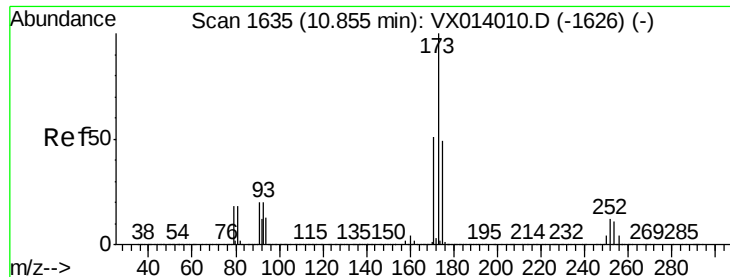
Tgt Ion:106 Resp: 478141
Ion Ratio Lower Upper
106 100
91 210.8 104.2 312.6



#70
Styrene
Concen: 50.396 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion:104 Resp: 828428
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 53.8 42.9 64.3





#71

Bromoform

Concen: 51.356 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

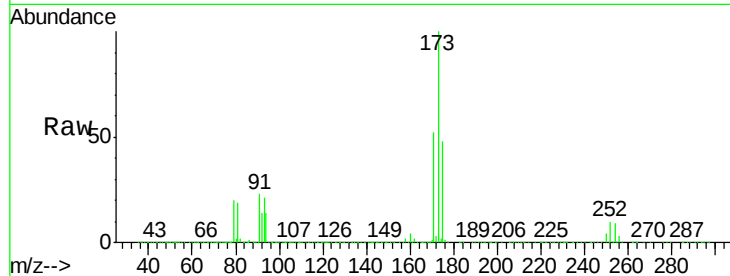
Tgt Ion:173 Resp: 220952

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

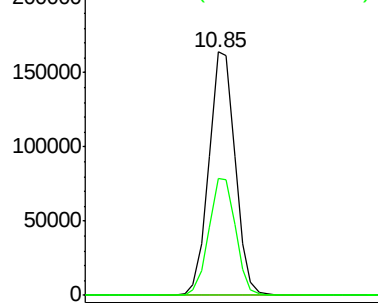
254 0.2 0.2 0.2#



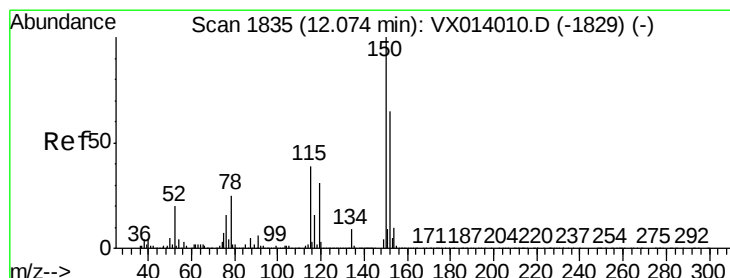
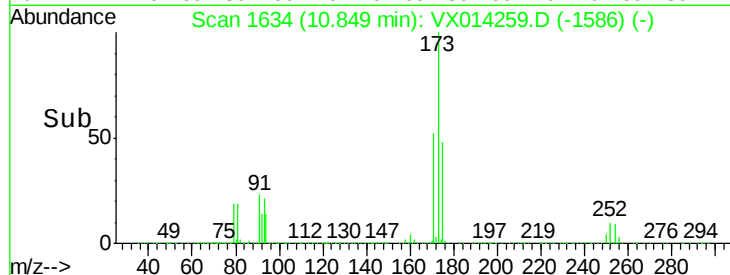
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

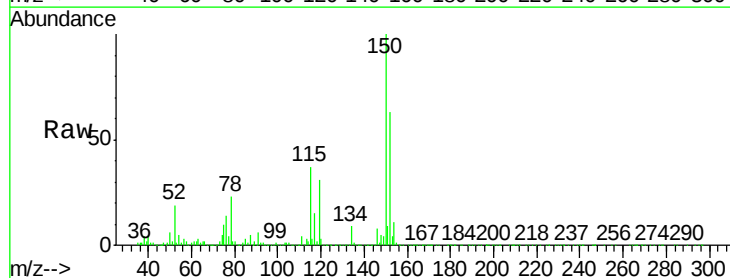
Tgt Ion:152 Resp: 355197

Ion Ratio Lower Upper

152 100

115 78.6 38.3 114.9

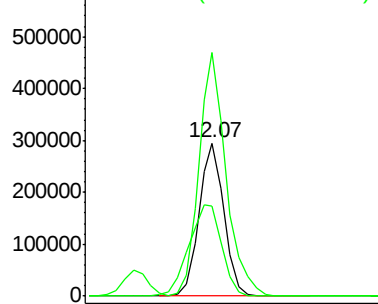
150 174.3 0.0 345.4



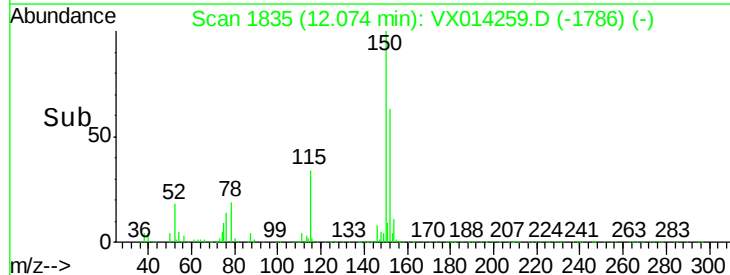
Abundance Ion 151.90 (151.60 to 152.60): V

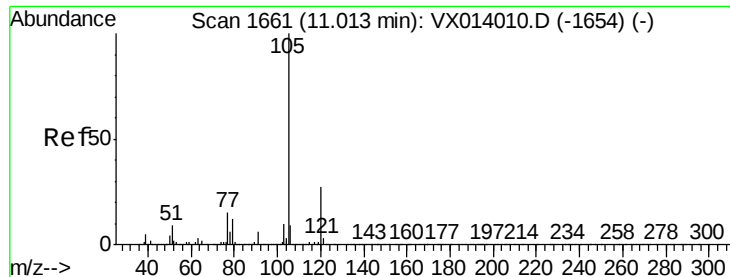
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 50.955 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

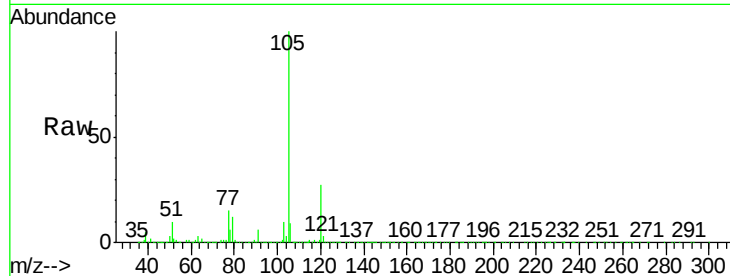
VSTDCCC050

Tgt Ion: 105 Resp: 1274321

Ion Ratio Lower Upper

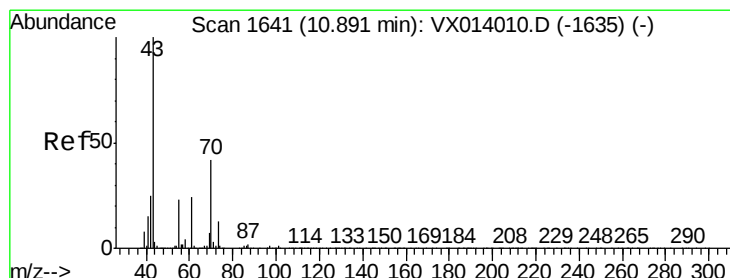
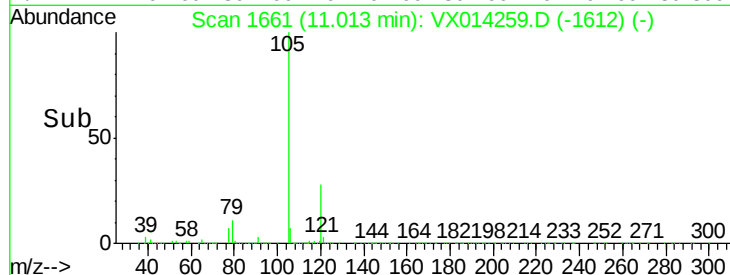
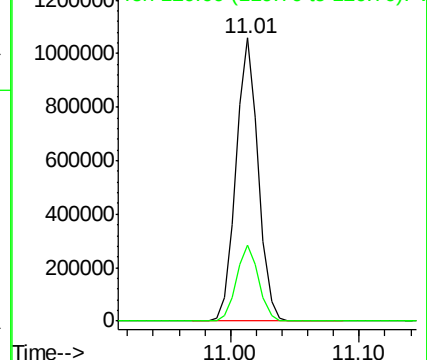
105 100

120 27.0 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: 49.227 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion: 43 Resp: 577066

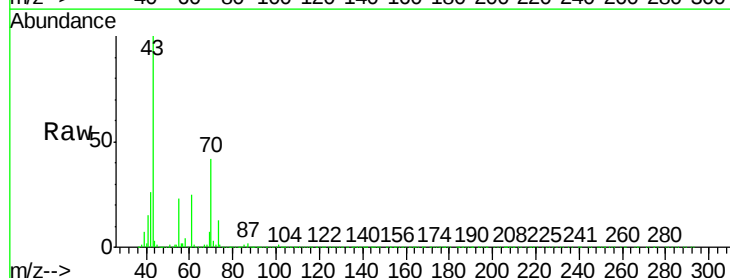
Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 24.1 19.1 28.7

61 24.8 19.7 29.5

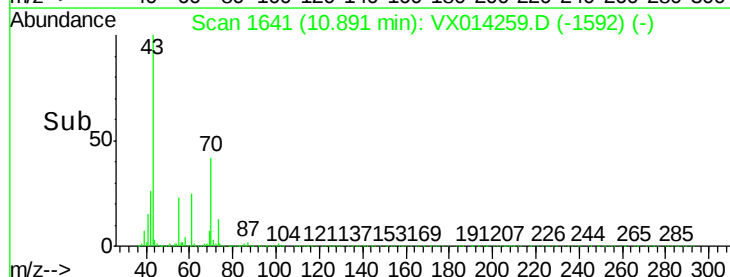
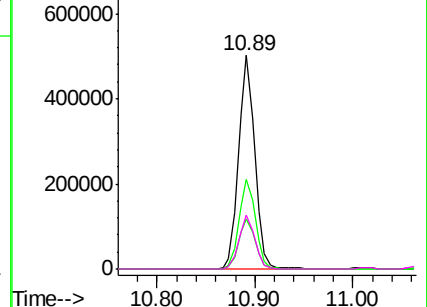


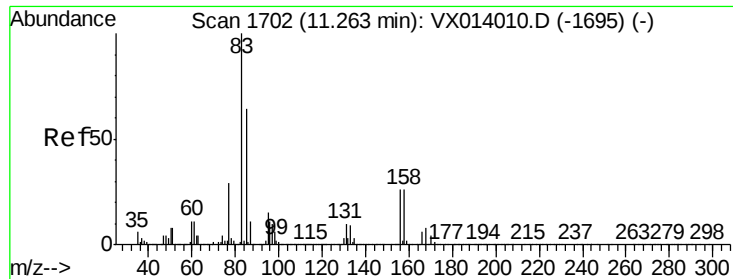
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.350 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

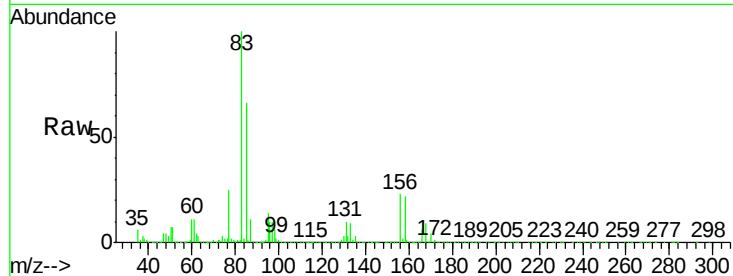
Tgt Ion: 83 Resp: 419205

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

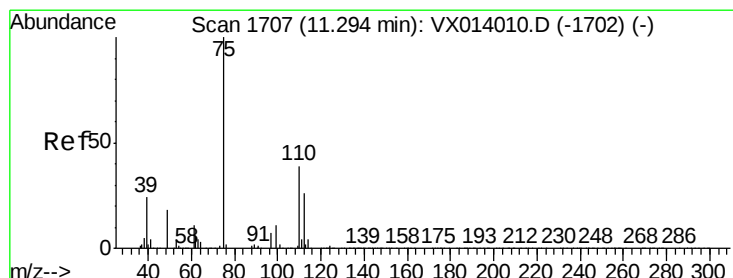
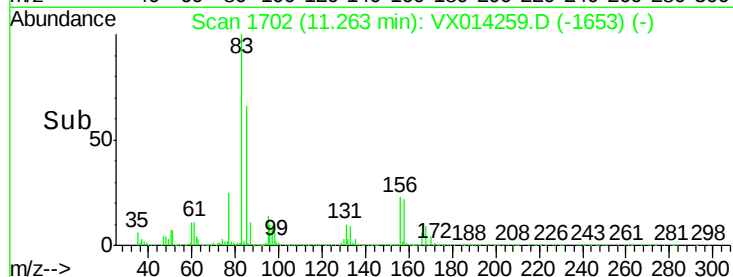
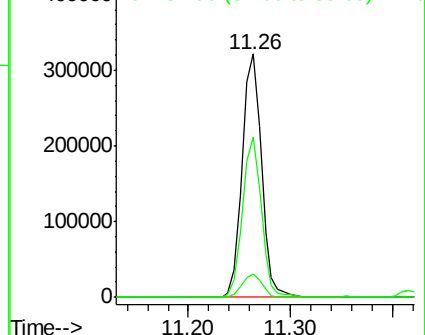
85 64.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.204 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014259.D

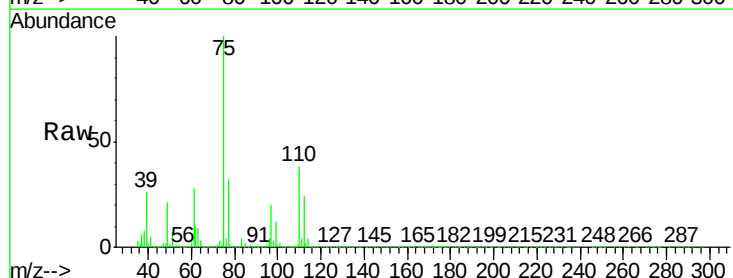
Acq: 26 Dec 2019 10:46

Tgt Ion: 75 Resp: 479670

Ion Ratio Lower Upper

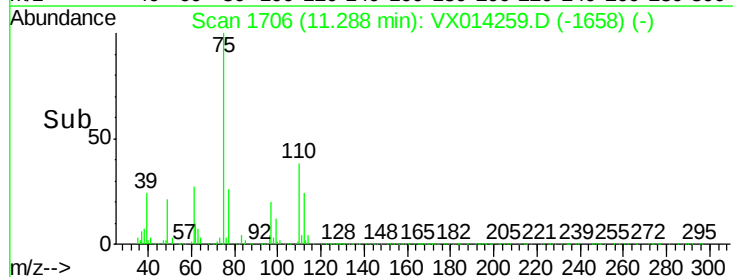
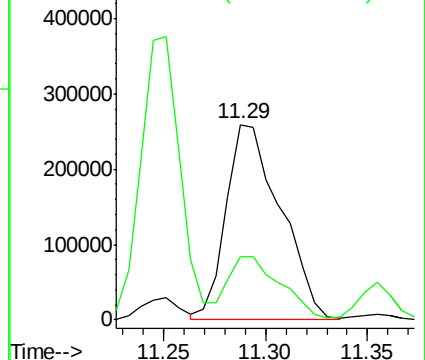
75 100

77 30.7 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: 47.507 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

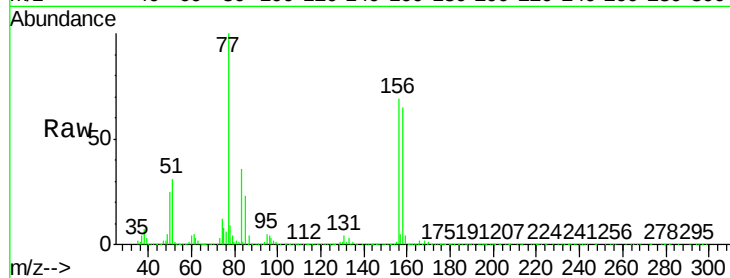
Tgt Ion: 156 Resp: 326886

Ion Ratio Lower Upper

156 100

77 152.0 76.5 229.5

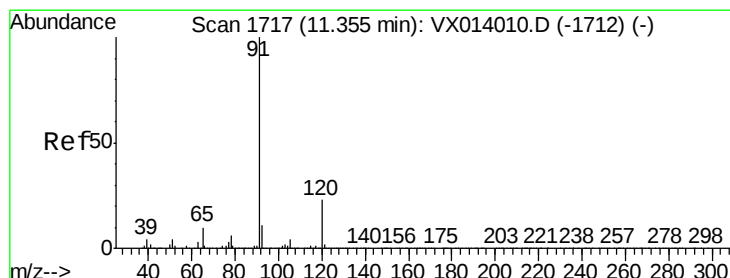
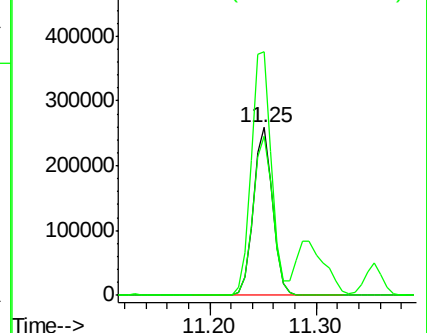
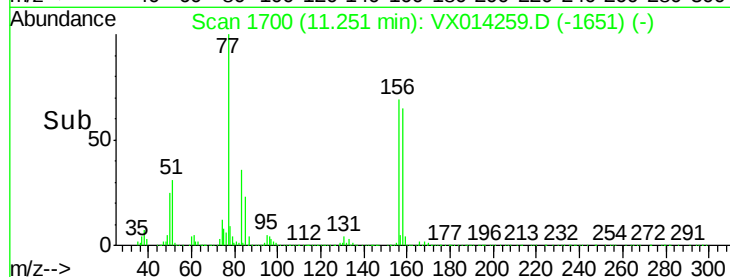
158 97.5 49.3 147.9



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: 52.162 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014259.D

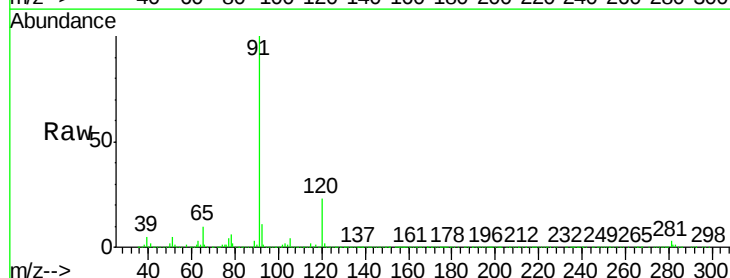
Acq: 26 Dec 2019 10:46

Tgt Ion: 91 Resp: 1463218

Ion Ratio Lower Upper

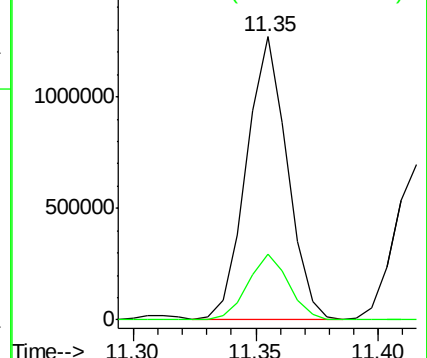
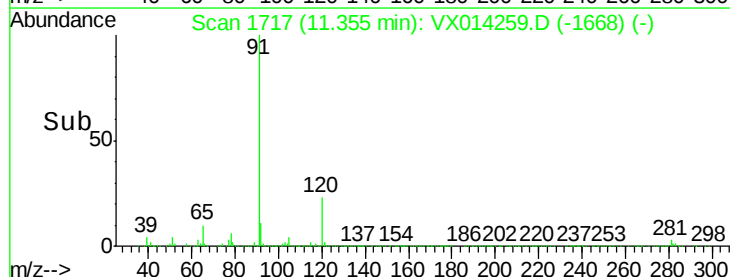
91 100

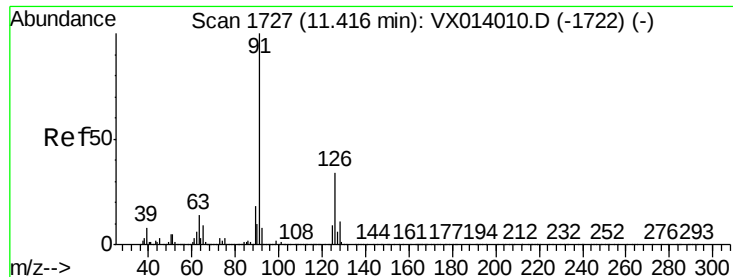
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.159 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

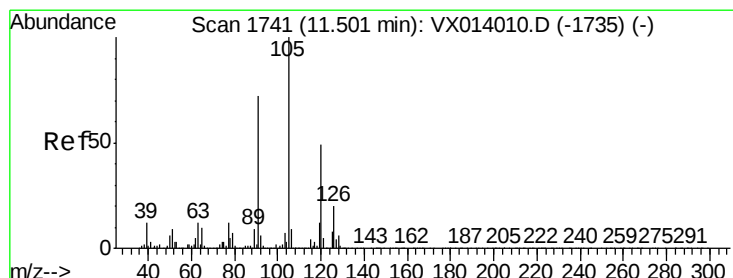
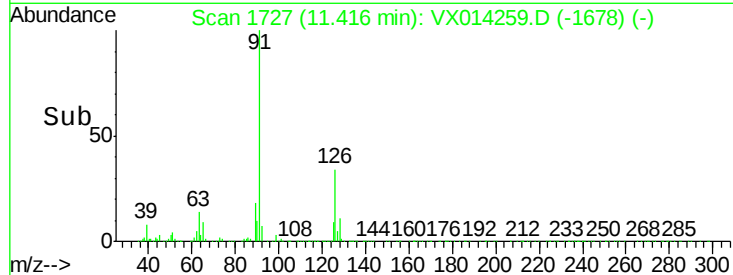
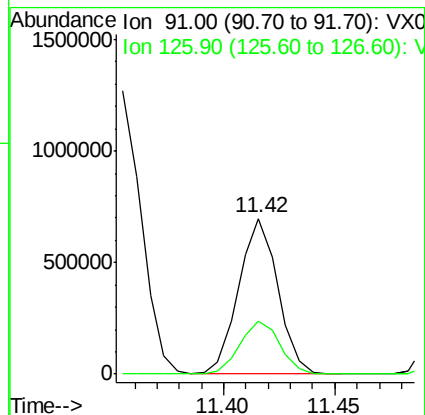
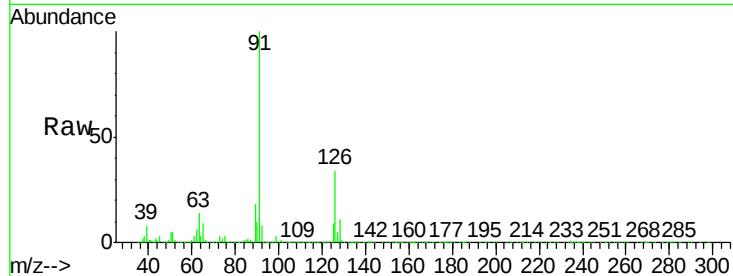
VSTDCCC050

Tgt Ion: 91 Resp: 855297

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 51.178 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014259.D

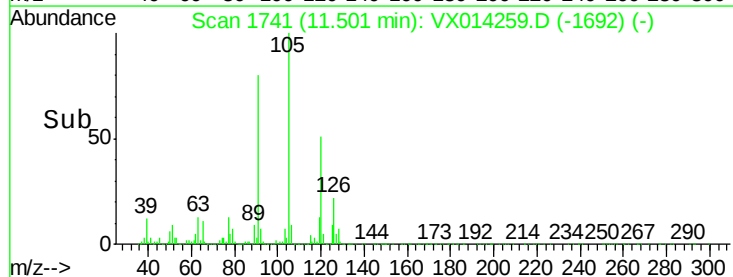
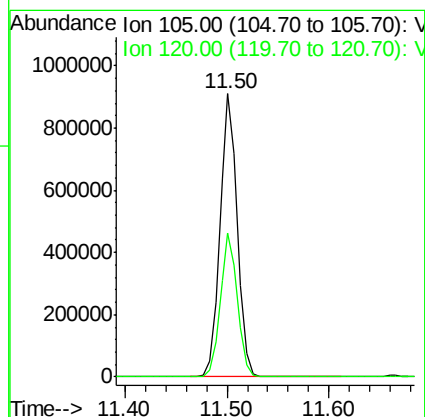
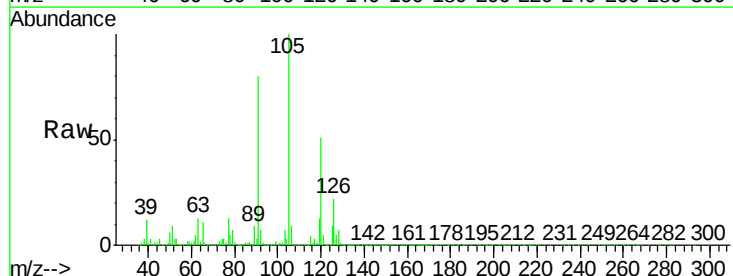
Acq: 26 Dec 2019 10:46

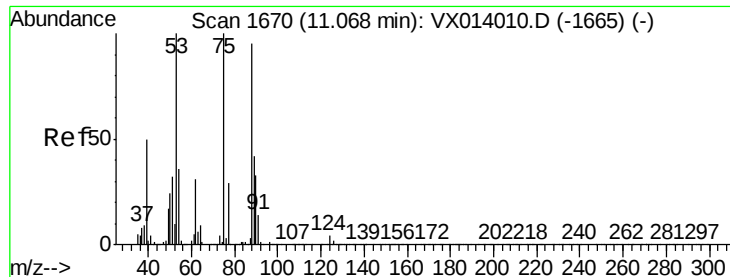
Tgt Ion: 105 Resp: 1077153

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.520 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

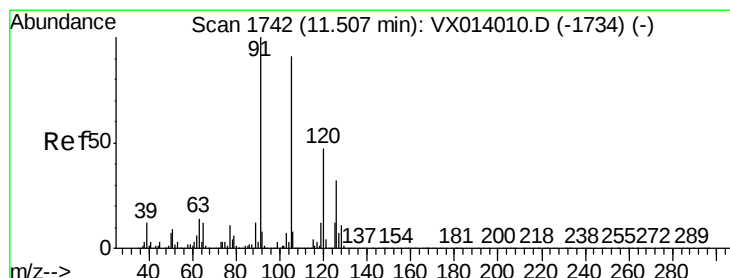
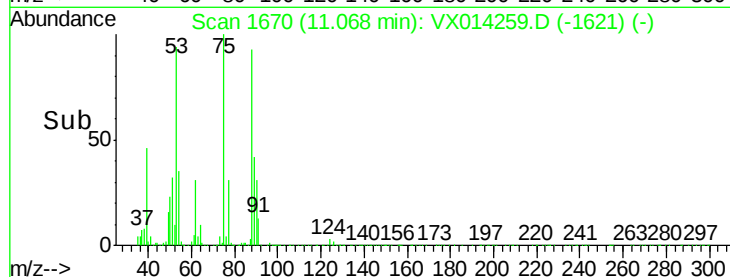
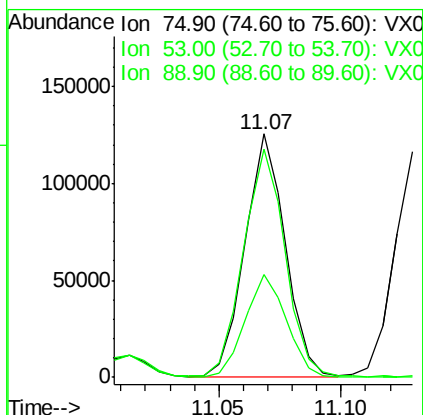
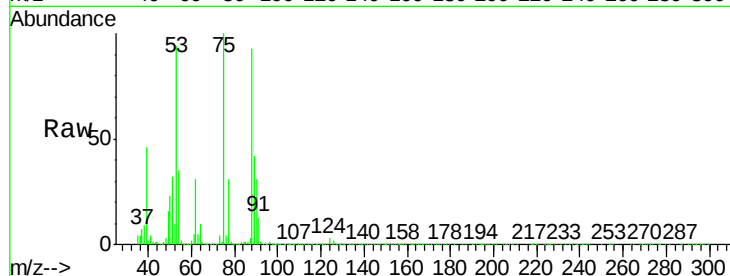
Tgt Ion: 75 Resp: 143487

Ion Ratio Lower Upper

75 100

53 96.7 76.7 115.1

89 43.7 34.6 51.8



#82

4-Chlorotoluene

Concen: 50.150 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014259.D

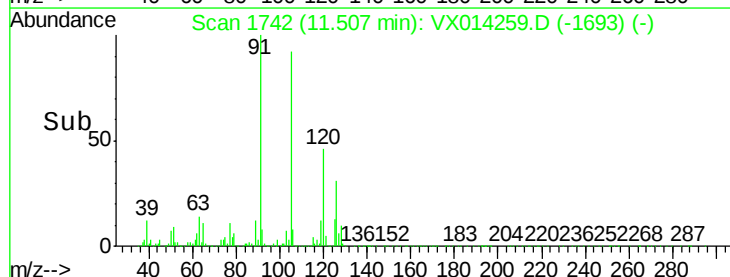
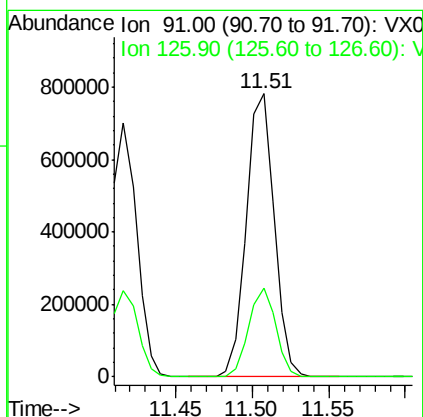
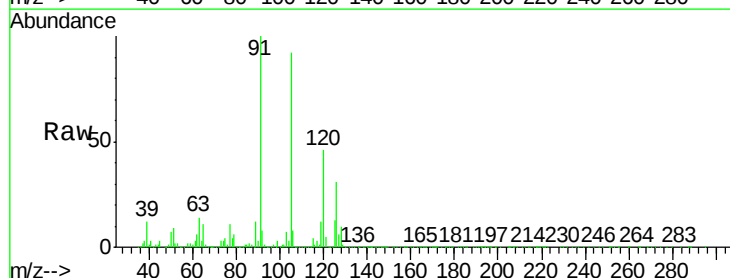
Acq: 26 Dec 2019 10:46

Tgt Ion: 91 Resp: 991948

Ion Ratio Lower Upper

91 100

126 30.6 15.6 46.8

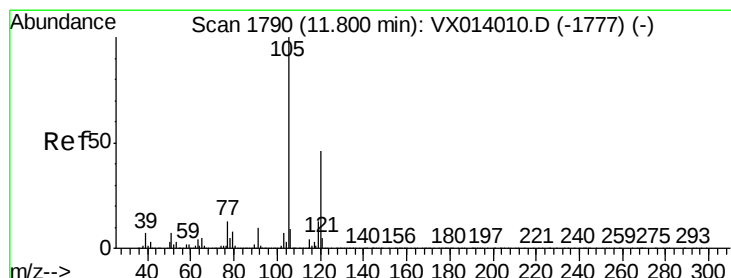
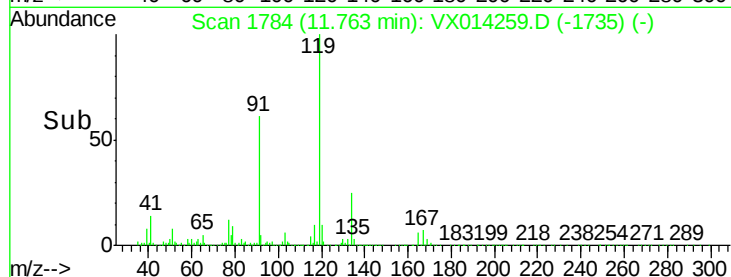
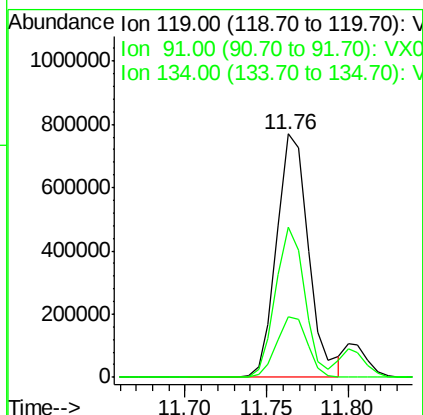
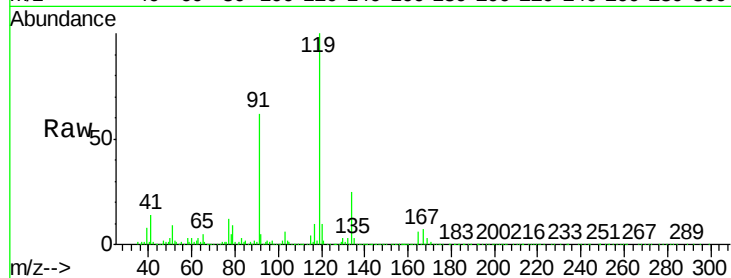




#83
tert-Butylbenzene
Concen: 50.640 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

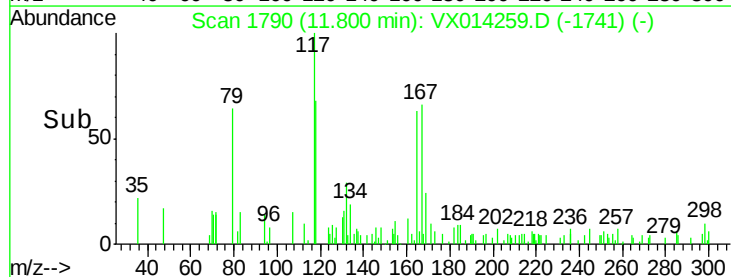
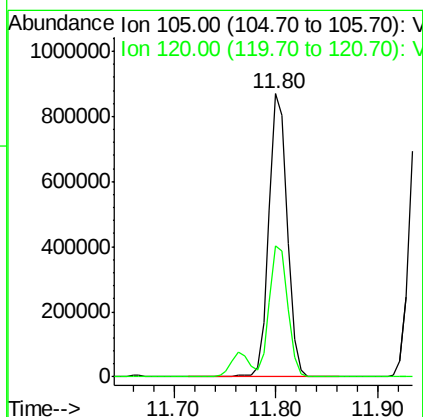
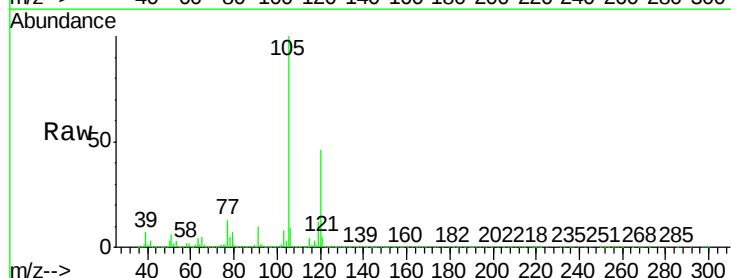
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

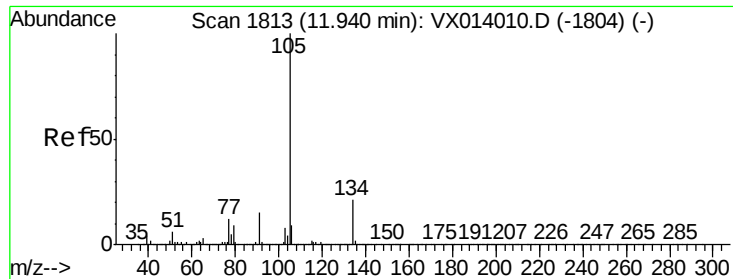
Tgt Ion:119 Resp: 1037239
Ion Ratio Lower Upper
119 100
91 56.5 28.5 85.6
134 24.1 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 51.299 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion:105 Resp: 1081260
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2

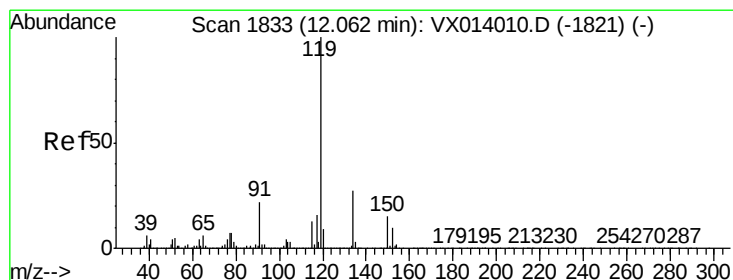
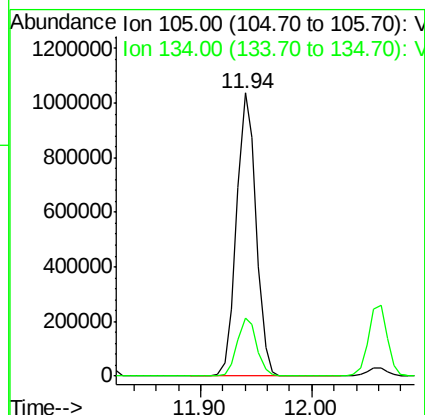
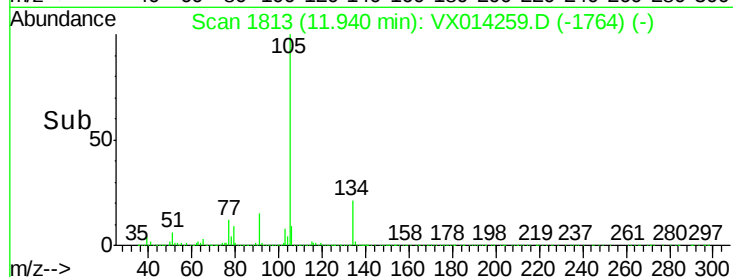
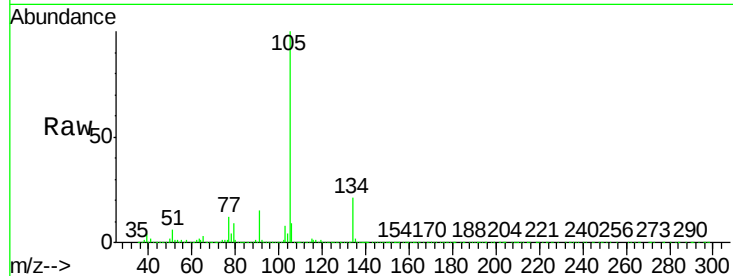




#85
 sec-Butylbenzene
 Concen: 51.911 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

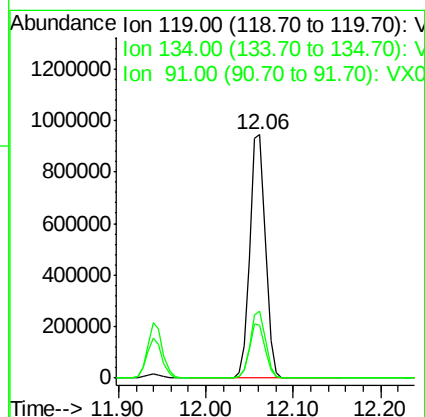
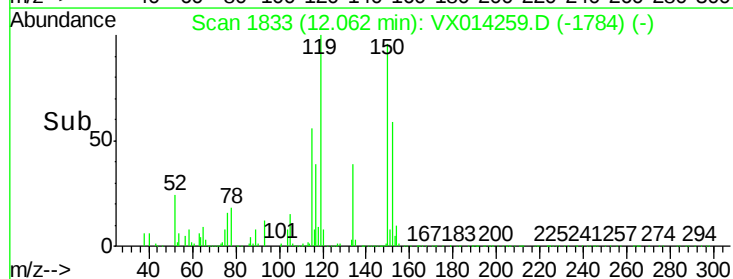
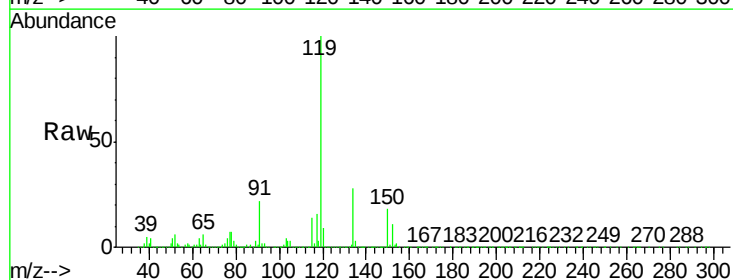
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

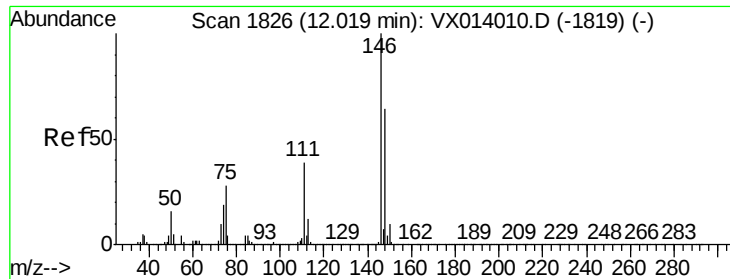
Tgt Ion:105 Resp: 1255213
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 52.211 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014259.D
 Acq: 26 Dec 2019 10:46

Tgt Ion:119 Resp: 1154822
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.810 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

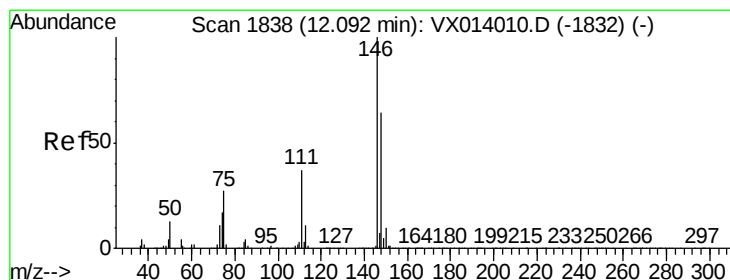
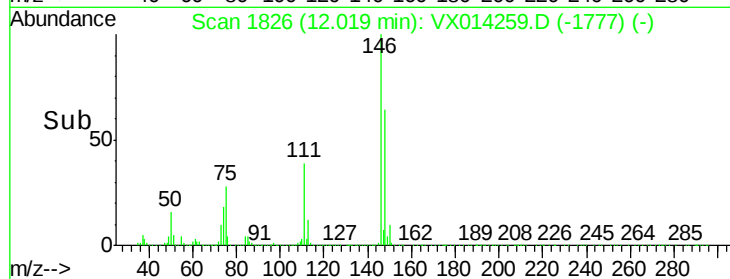
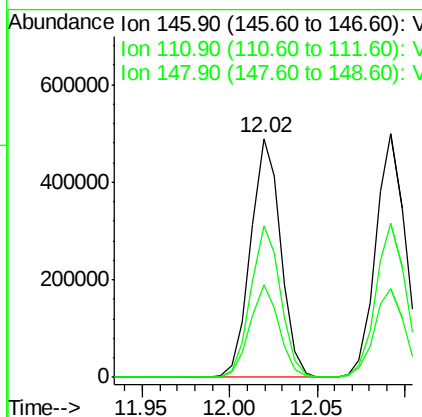
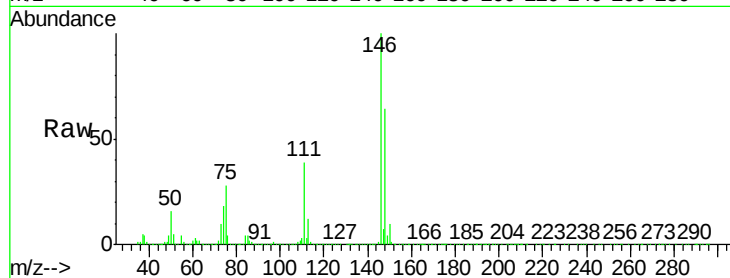
Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 588617

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.2	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 47.856 ug/l

RT: 12.09 min Scan# 1838

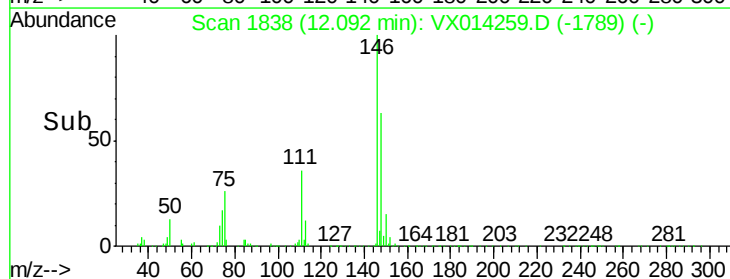
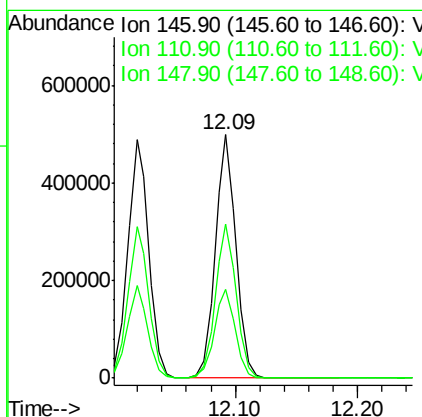
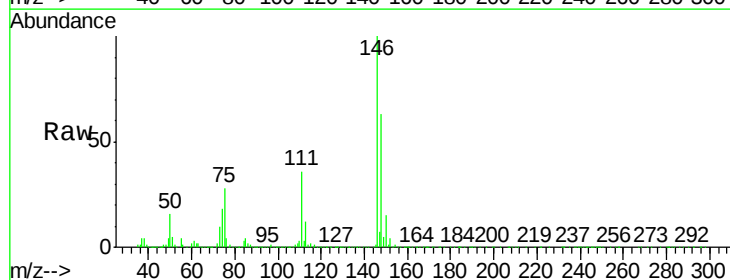
Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:146 Resp: 586811

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	63.8	31.9	95.9

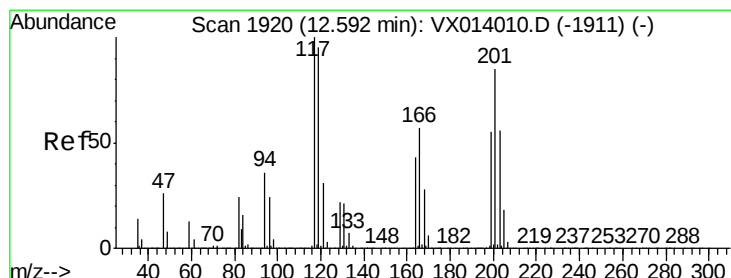
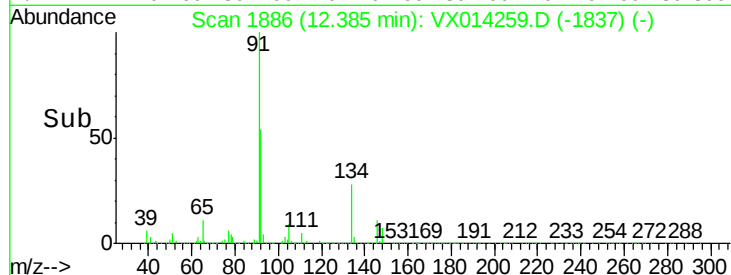
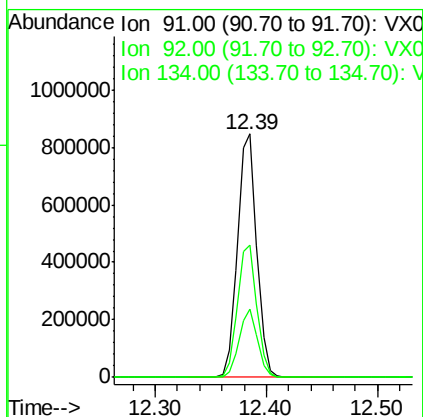
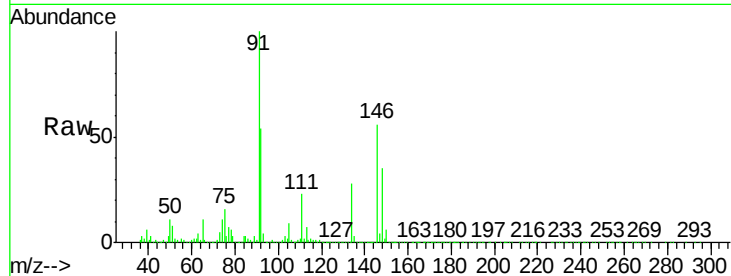




#89
n-Butylbenzene
Concen: 53.358 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

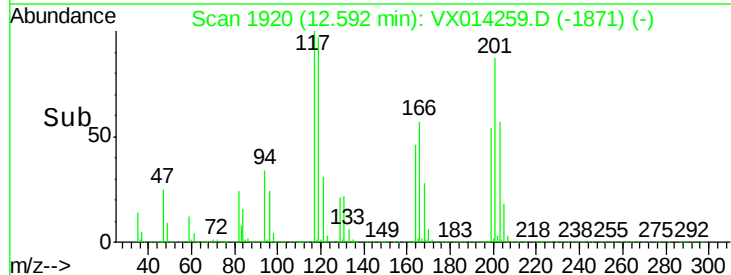
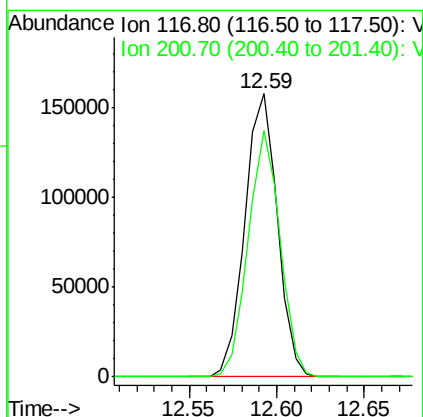
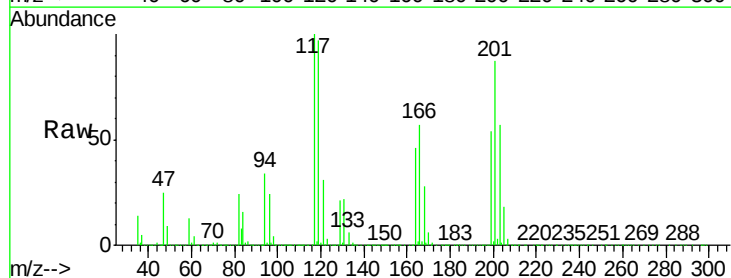
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

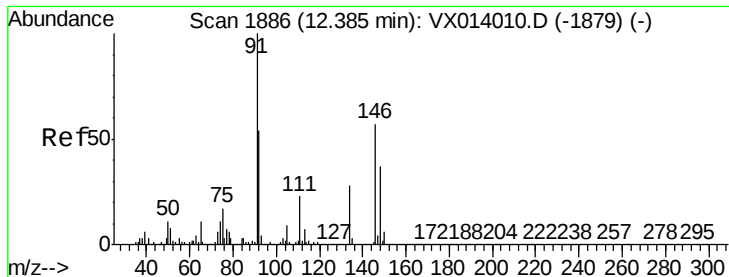
Tgt Ion: 91 Resp: 1007020
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 26.9 13.4 40.1



#90
Hexachloroethane
Concen: 51.309 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion: 117 Resp: 203845
Ion Ratio Lower Upper
117 100
201 85.7 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 48.080 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

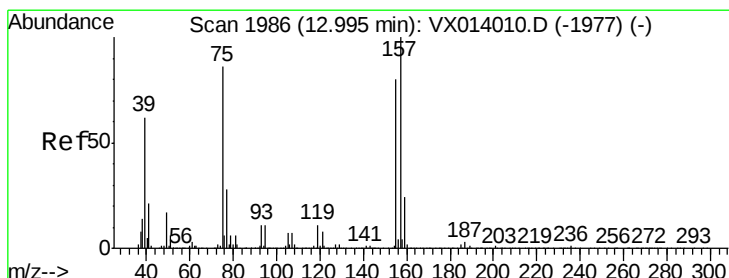
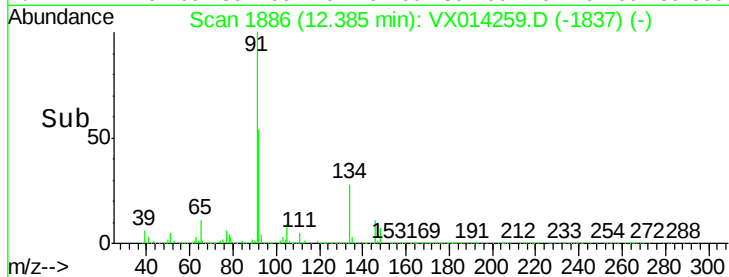
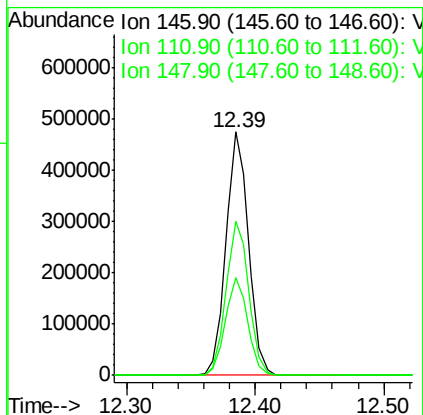
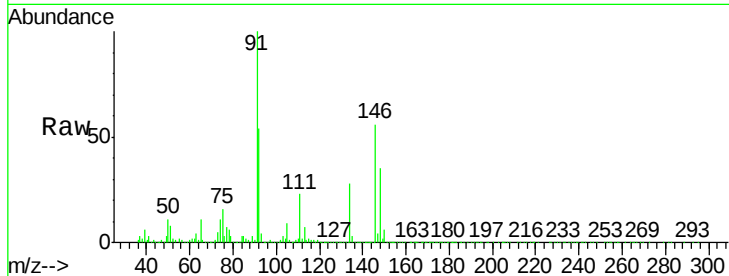
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	583672
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.1
148	63.7	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.664 ug/l

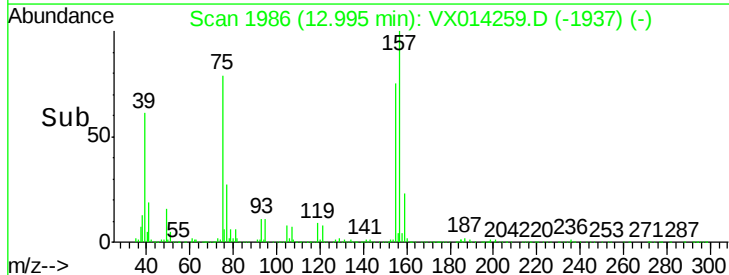
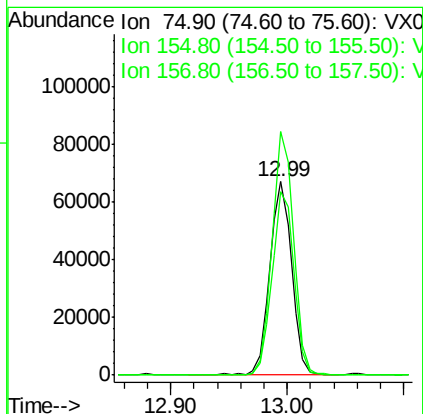
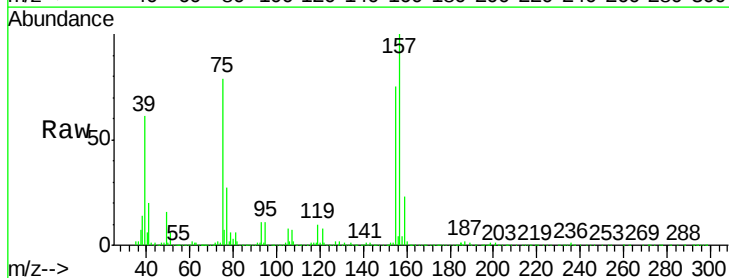
RT: 12.99 min Scan# 1986

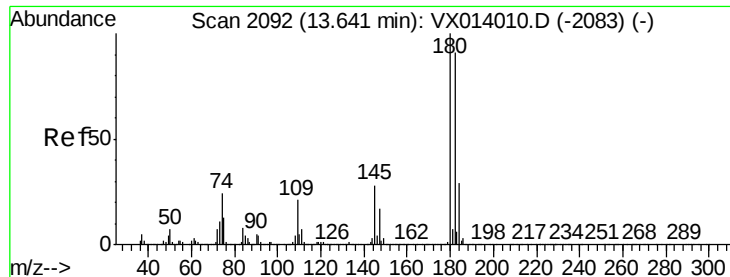
Delta R.T. 0.00 min

Lab File: VX014259.D

Acq: 26 Dec 2019 10:46

Tgt Ion:	75	Resp:	85696
Ion	Ratio	Lower	Upper
75	100		
155	95.6	46.9	140.6
157	124.3	60.8	182.4

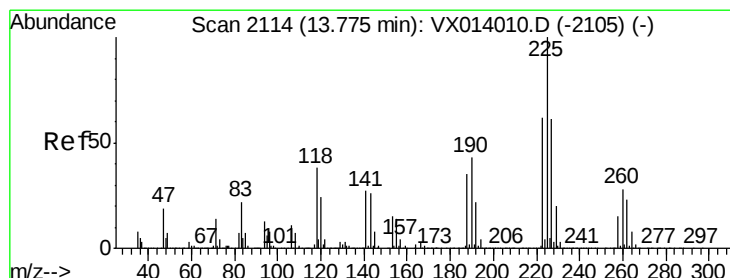
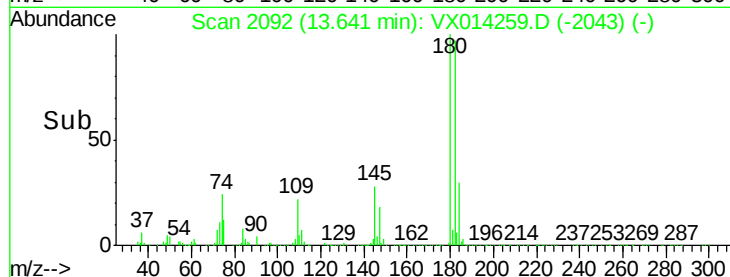
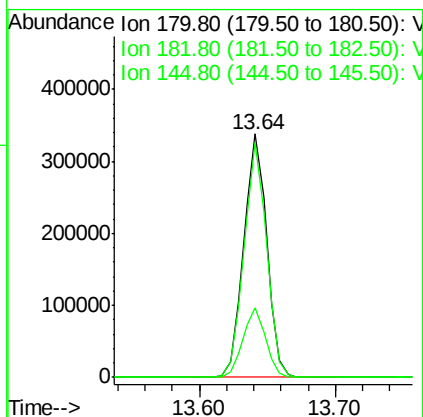
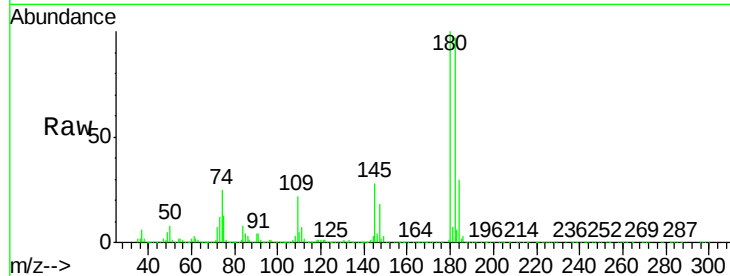




#93
1,2,4-Trichlorobenzene
Concen: 50.434 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

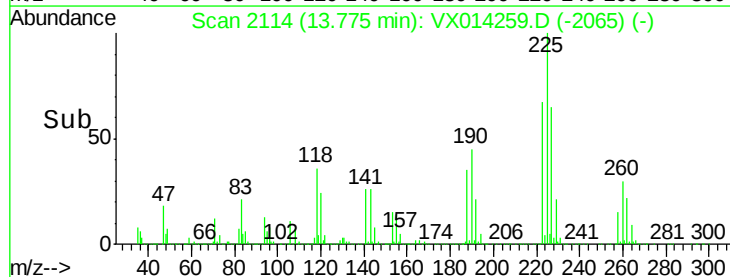
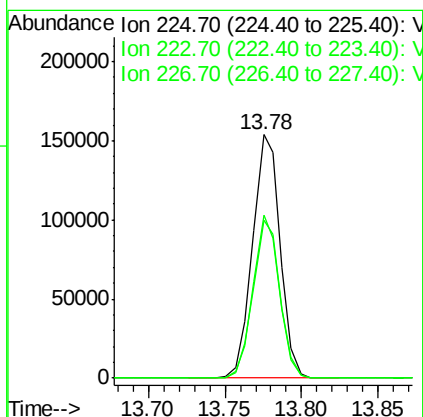
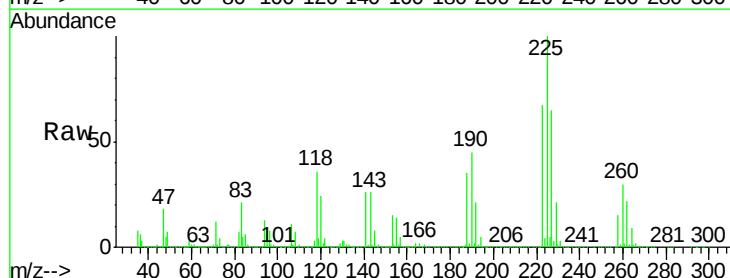
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

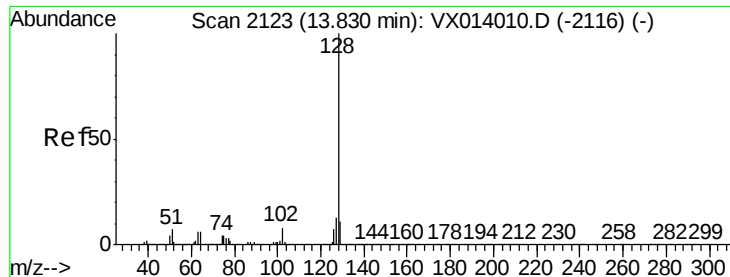
Tgt Ion:180 Resp: 397932
Ion Ratio Lower Upper
180 100
182 95.3 46.6 139.8
145 28.1 14.2 42.6



#94
Hexachlorobutadiene
Concen: 50.784 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion:225 Resp: 192573
Ion Ratio Lower Upper
225 100
223 63.8 30.9 92.5
227 63.6 30.9 92.7

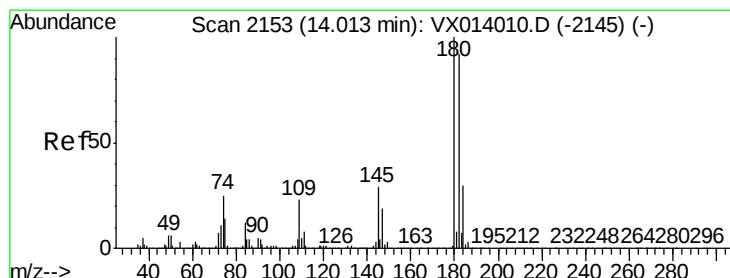
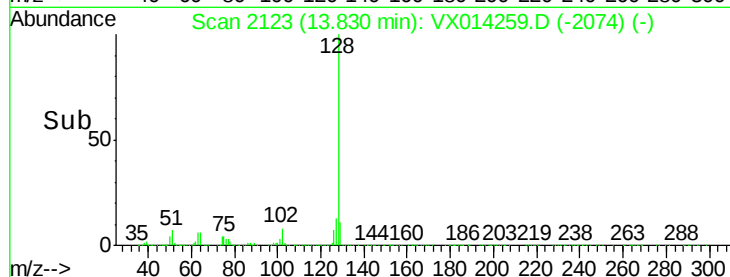
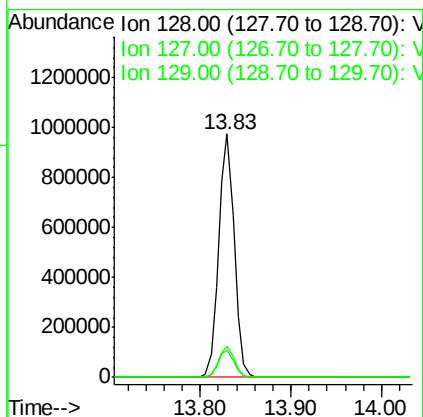
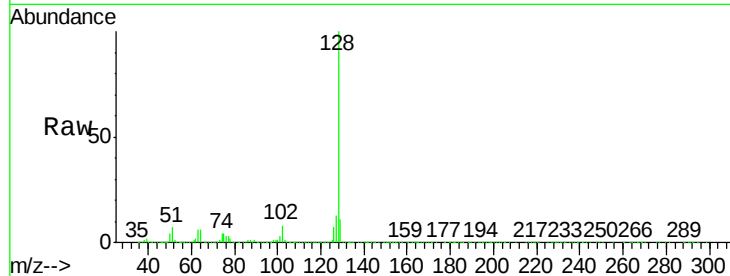




#95
Naphthalene
Concen: 50.495 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1170572
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.105 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014259.D
Acq: 26 Dec 2019 10:46

Tgt Ion:180 Resp: 398049
Ion Ratio Lower Upper
180 100
182 94.1 46.8 140.3
145 29.7 14.8 44.4

