

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX122719\
 Data File : VX014302.D
 Acq On : 27 Dec 2019 12:03
 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 30 05:33:09 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	510192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	769144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	696368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361319	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	278215	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.48	113	235748	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	909303	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	326756	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	202483	44.362	ug/l	100
3) Chloromethane	1.32	50	273142	44.592	ug/l	100
4) Vinyl Chloride	1.40	62	295345	45.695	ug/l	99
5) Bromomethane	1.63	94	202838	44.216	ug/l	100
6) Chloroethane	1.72	64	188310	47.206	ug/l	97
7) Trichlorofluoromethane	1.92	101	382126	47.759	ug/l	100
8) Diethyl Ether	2.18	74	173047	46.084	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	236741	49.085	ug/l	100
10) Methyl Iodide	2.50	142	290424	45.888	ug/l	99
11) Tert butyl alcohol	3.03	59	261977	209.678	ug/l	100
12) 1,1-Dichloroethene	2.37	96	231823	47.236	ug/l	96
13) Acrolein	2.28	56	201883	282.270	ug/l	99
14) Allyl chloride	2.72	41	432818	49.394	ug/l	99
15) Acrylonitrile	3.13	53	715826	245.461	ug/l	99
16) Acetone	2.43	43	764744	203.716	ug/l	98
17) Carbon Disulfide	2.56	76	592351	43.574	ug/l	100
18) Methyl Acetate	2.76	43	366392	49.255	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	793977	49.233	ug/l	97
20) Methylene Chloride	2.85	84	270724	45.796	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	252512	46.703	ug/l	99
22) Diisopropyl ether	3.84	45	894400	51.221	ug/l	94
23) Vinyl Acetate	3.80	43	3757693	263.703	ug/l	100
24) 1,1-Dichloroethane	3.69	63	467771	48.150	ug/l	99
25) 2-Butanone	4.65	43	1089009	235.299	ug/l	99
26) 2,2-Dichloropropane	4.57	77	377452	50.041	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	293117	47.936	ug/l	99
28) Bromochloromethane	5.00	49	196351	52.530	ug/l	94
29) Tetrahydrofuran	5.11	42	639059	246.868	ug/l	98
30) Chloroform	5.20	83	457822	49.712	ug/l	100
31) Cyclohexane	5.57	56	428807	49.628	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	380981	48.538	ug/l	99
36) 1,1-Dichloropropene	5.79	75	344263	48.781	ug/l	99
37) Ethyl Acetate	4.81	43	387439	49.714	ug/l	99
38) Carbon Tetrachloride	5.78	117	323039	50.246	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX122719\
 Data File : VX014302.D
 Acq On : 27 Dec 2019 12:03
 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 30 05:33:09 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)
39) Methylcyclohexane	7.45	83	436509	50.092	ug/l	98
40) Benzene	6.13	78	1061404	48.880	ug/l	99
41) Methacrylonitrile	5.02	41	215057	49.734	ug/l	99
42) 1,2-Dichloroethane	6.18	62	362562	49.256	ug/l	99
43) Isopropyl Acetate	6.43	43	646037	50.090	ug/l	99
44) Trichloroethene	7.20	130	291949	48.676	ug/l	98
45) 1,2-Dichloropropane	7.51	63	282569	50.770	ug/l	98
46) Dibromomethane	7.65	93	176019	47.835	ug/l	99
47) Bromodichloromethane	7.89	83	356751	51.478	ug/l	98
48) Methyl methacrylate	7.76	41	318511	50.433	ug/l	98
49) 1,4-Dioxane	7.73	88	113638	884.184	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2003693	247.374	ug/l	99
52) Toluene	8.78	92	665377	48.479	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	396477	52.175	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	442272	52.242	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	273574	49.733	ug/l	98
56) Ethyl methacrylate	9.17	69	436608	50.528	ug/l	100
57) 1,3-Dichloropropane	9.36	76	462008	49.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	899003	274.920	ug/l	99
59) 2-Hexanone	9.48	43	1587018	243.392	ug/l	100
60) Dibromochloromethane	9.57	129	283107	51.776	ug/l	99
61) 1,2-Dibromoethane	9.67	107	282109	50.124	ug/l	99
64) Tetrachloroethene	9.33	164	301519	48.932	ug/l	98
65) Chlorobenzene	10.14	112	723465	48.861	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	266696	50.446	ug/l	99
67) Ethyl Benzene	10.25	91	1280881	50.318	ug/l	98
68) m/p-Xylenes	10.35	106	986317	100.741	ug/l	100
69) o-Xylene	10.70	106	470550	49.004	ug/l	98
70) Styrene	10.71	104	815836	50.245	ug/l	99
71) Bromoform	10.85	173	219667	51.690	ug/l #	99
73) Isopropylbenzene	11.01	105	1261263	49.579	ug/l	100
74) N-amyl acetate	10.89	43	577863	48.460	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	412518	46.772	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	476813	60.786	ug/l	88
77) Bromobenzene	11.25	156	322167	46.028	ug/l	98
78) n-propylbenzene	11.35	91	1465712	51.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	849140	48.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1060635	49.539	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138352	49.782	ug/l	98
82) 4-Chlorotoluene	11.51	91	983077	48.860	ug/l	99
83) tert-Butylbenzene	11.76	119	1029302	49.401	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1071108	49.956	ug/l	100
85) sec-Butylbenzene	11.94	105	1245994	50.657	ug/l	100
86) p-Isopropyltoluene	12.06	119	1151562	51.181	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	576954	47.033	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	582380	46.690	ug/l	99
89) n-Butylbenzene	12.39	91	1015702	52.906	ug/l	99
90) Hexachloroethane	12.59	117	200969	49.728	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	578948	46.883	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84504	43.297	ug/l	96

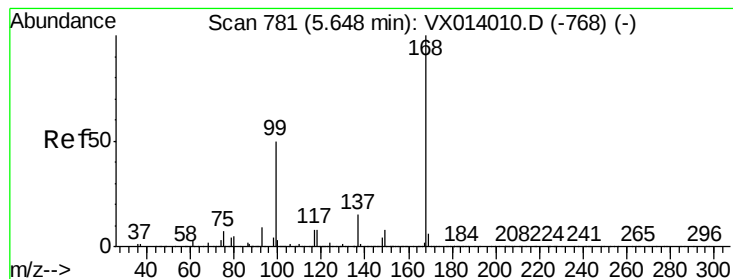
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
Data File : VX014302.D
Acq On : 27 Dec 2019 12:03
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Dec 30 05:33:09 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)
93) 1,2,4-Trichlorobenzene	13.64	180	404910	50.448	ug/l	98
94) Hexachlorobutadiene	13.77	225	193859	50.257	ug/l	96
95) Naphthalene	13.83	128	1186498	50.315	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	395211	49.881	ug/l	98

(#) = 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: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

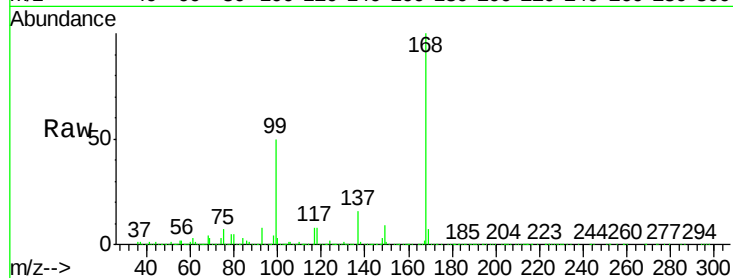
VSTDCCC050

Tgt Ion:168 Resp: 510192

Ion Ratio Lower Upper

168 100

99 50.1 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

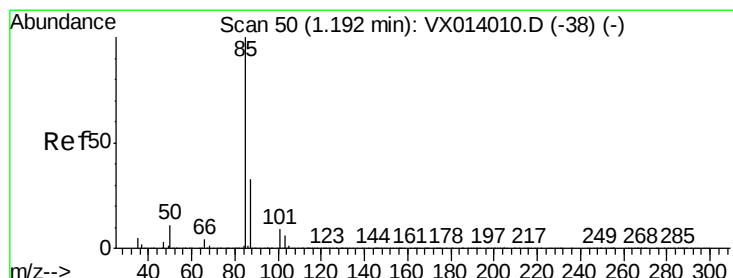
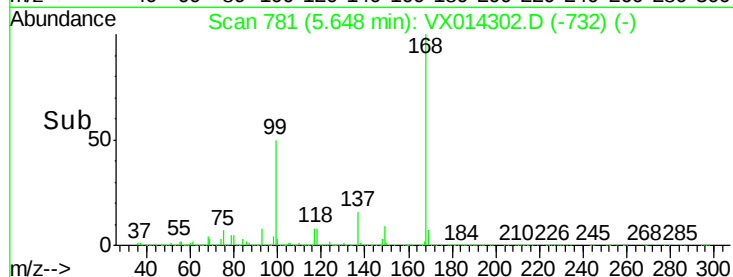
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.362 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014302.D

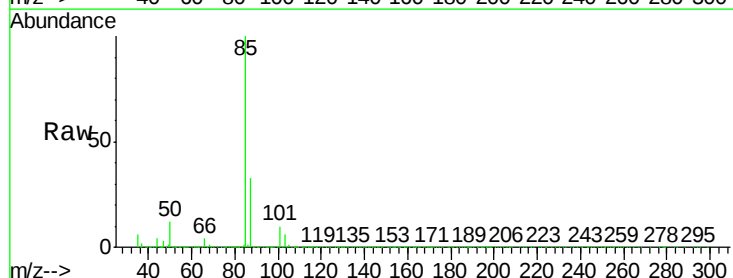
Acq: 27 Dec 2019 12:03

Tgt Ion: 85 Resp: 202483

Ion Ratio Lower Upper

85 100

87 33.0 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

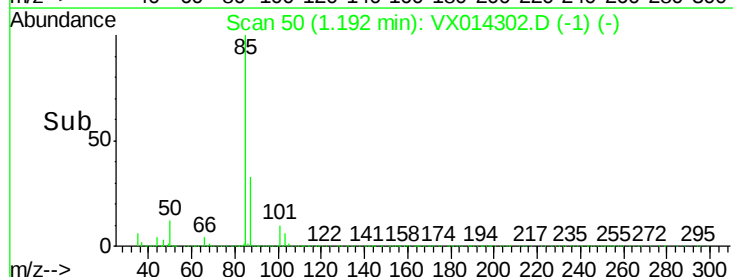
100000

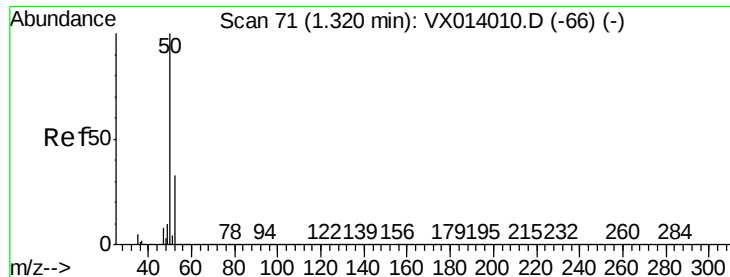
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->

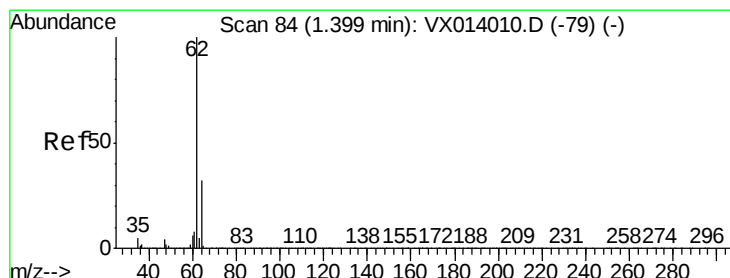
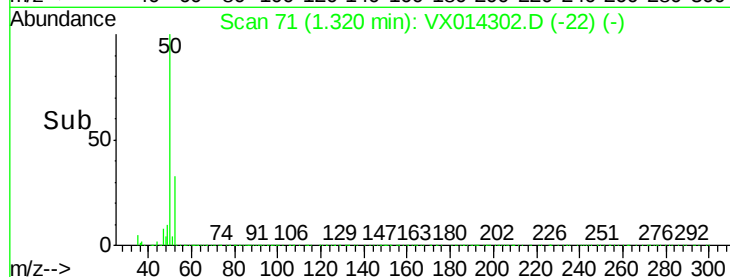
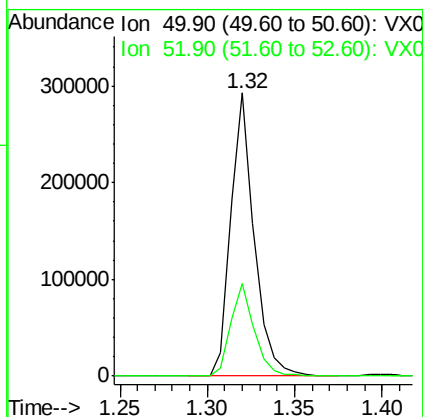
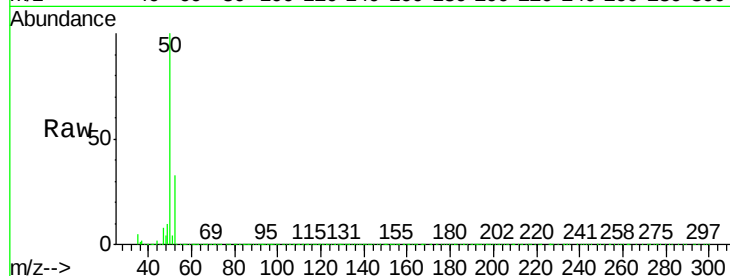




#3
Chloromethane
Concen: 44.592 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

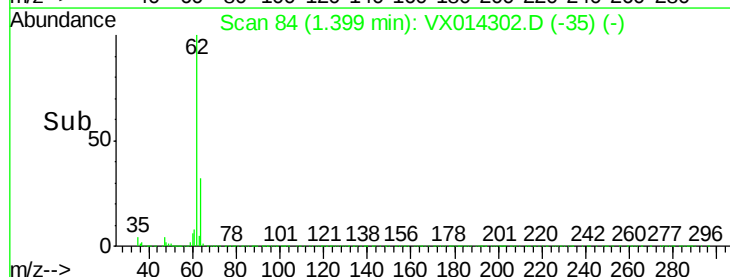
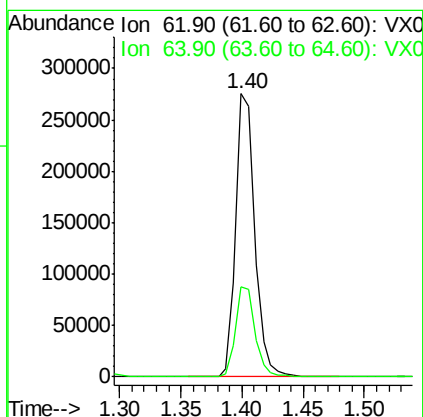
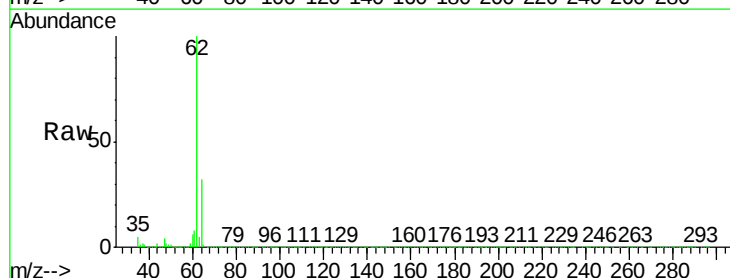
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

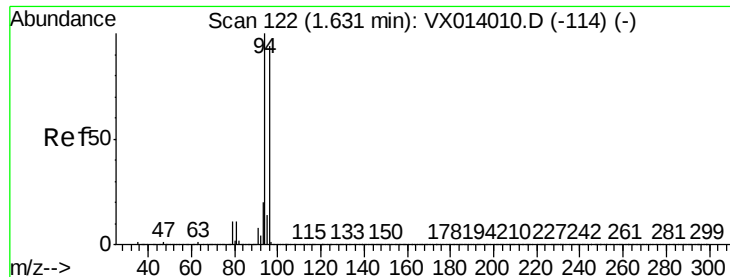
Tgt Ion: 50 Resp: 273142
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.4



#4
Vinyl Chloride
Concen: 45.695 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 62 Resp: 295345
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





#5

Bromomethane

Concen: 44.216 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

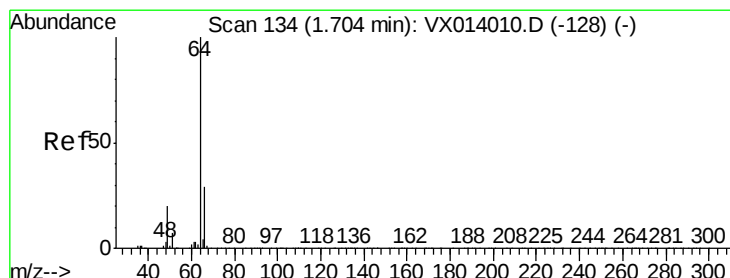
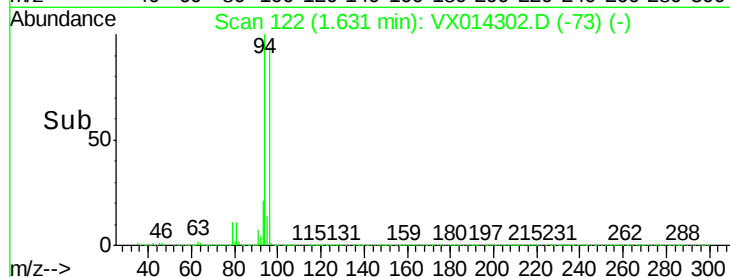
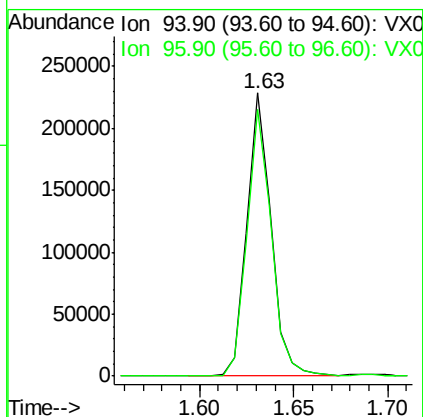
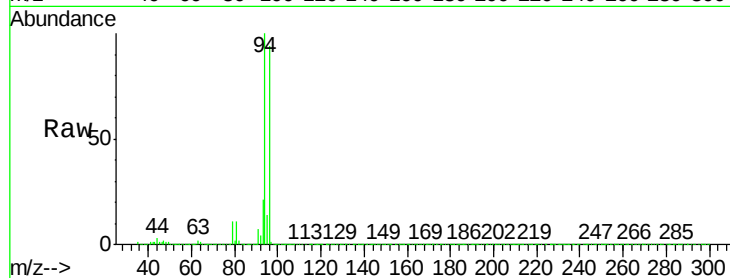
VSTDCCC050

Tgt Ion: 94 Resp: 202838

Ion Ratio Lower Upper

94 100

96 94.3 75.2 112.8



#6

Chloroethane

Concen: 47.206 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014302.D

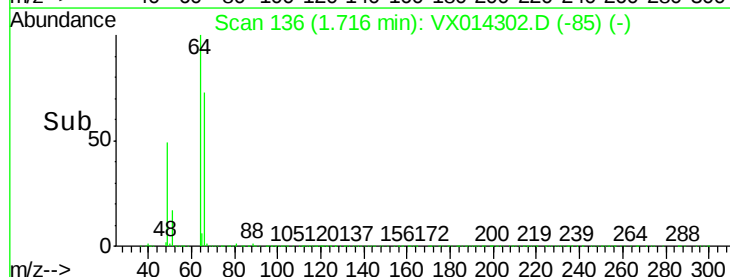
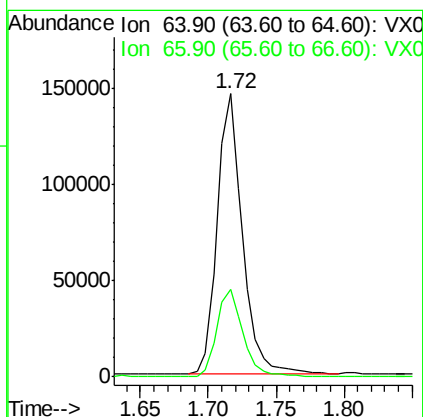
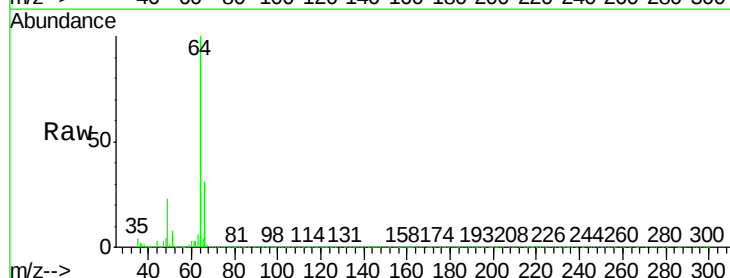
Acq: 27 Dec 2019 12:03

Tgt Ion: 64 Resp: 188310

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2



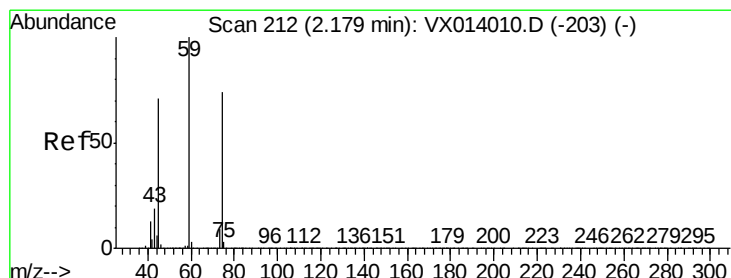
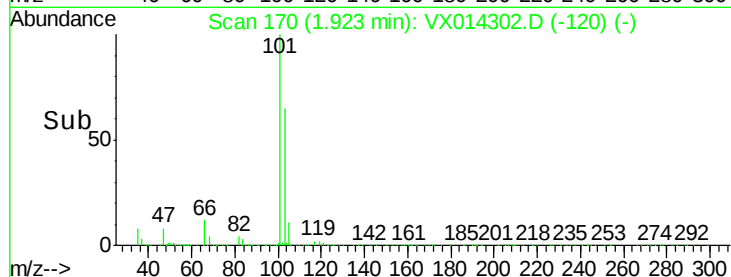
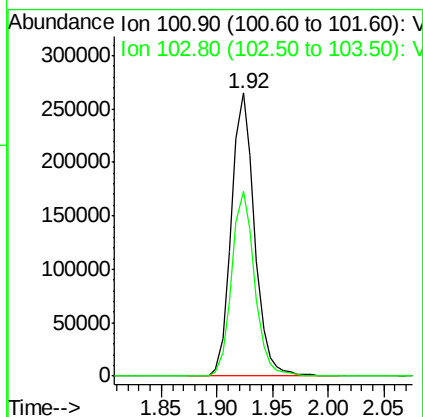
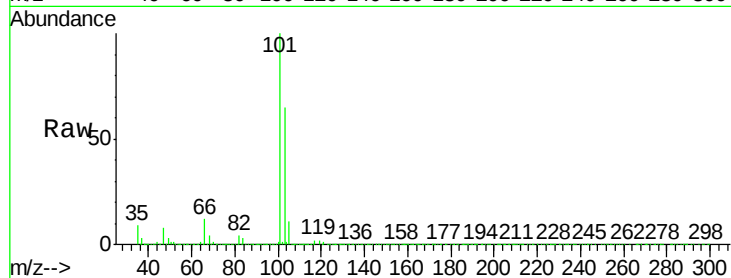


#7

Trichlorofluoromethane
Concen: 47.759 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

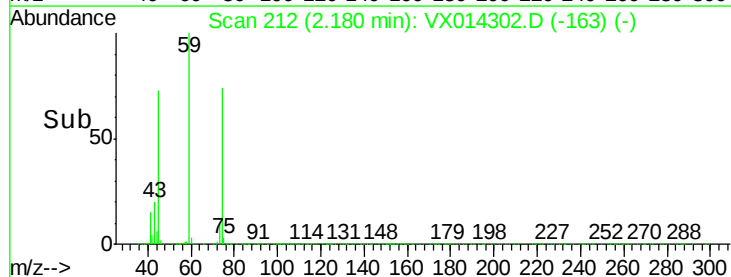
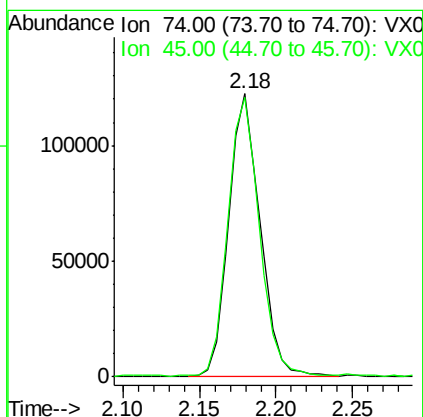
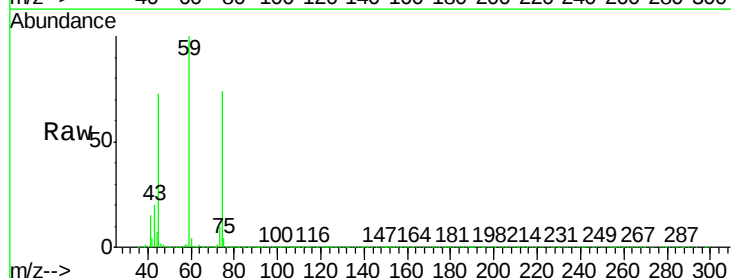
Tgt Ion:101 Resp: 382126
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.4



#8

Diethyl Ether
Concen: 46.084 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 74 Resp: 173047
Ion Ratio Lower Upper
74 100
45 99.2 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.085 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

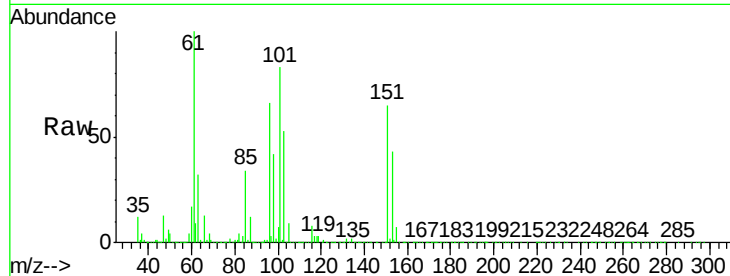
Tgt Ion:101 Resp: 236741

Ion Ratio Lower Upper

101 100

85 42.6 33.7 50.5

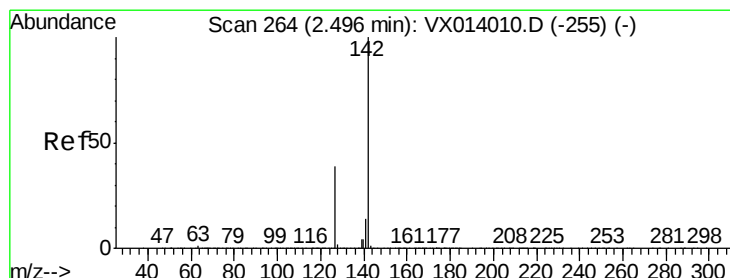
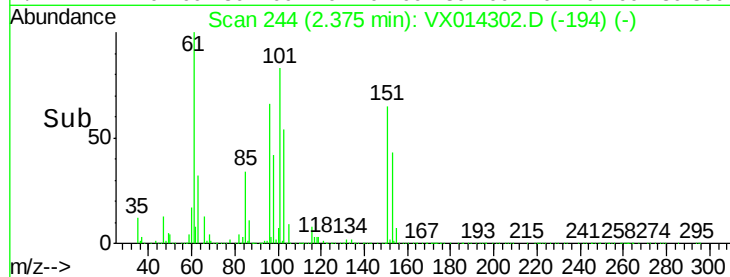
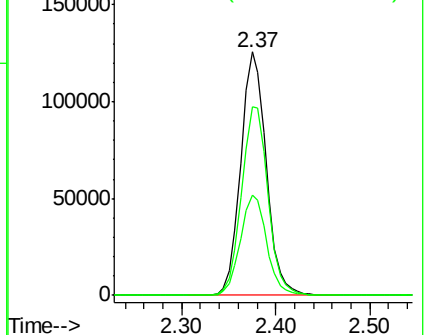
151 80.4 64.5 96.7



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: 45.888 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

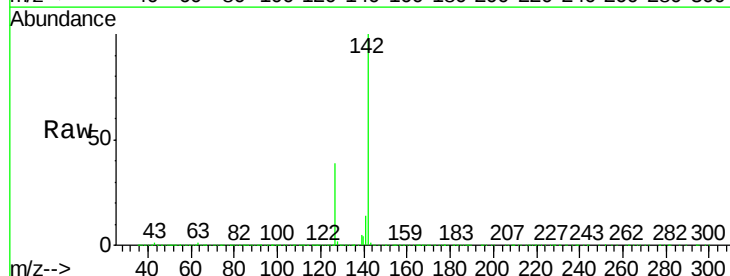
Tgt Ion:142 Resp: 290424

Ion Ratio Lower Upper

142 100

127 38.6 31.6 47.4

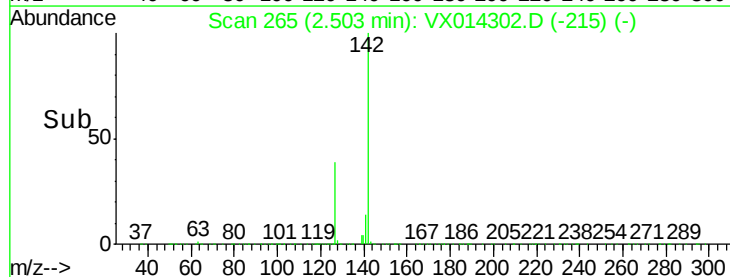
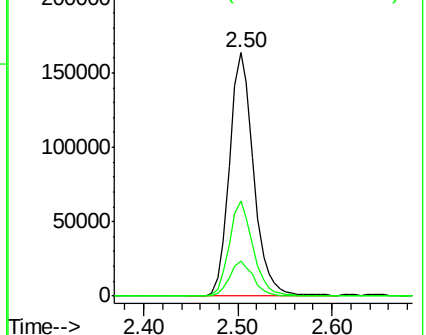
141 14.4 11.6 17.4

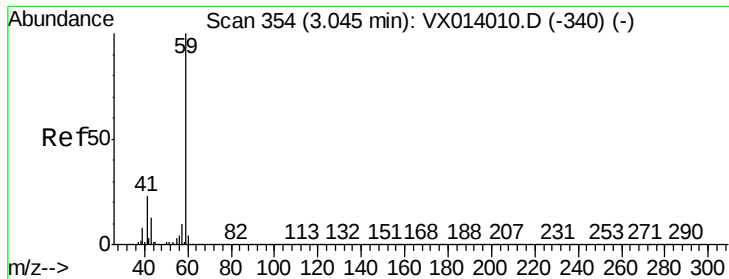


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



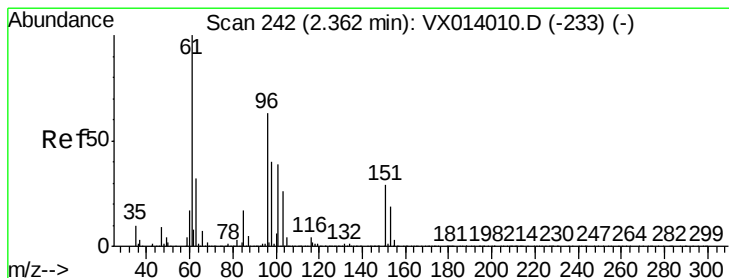
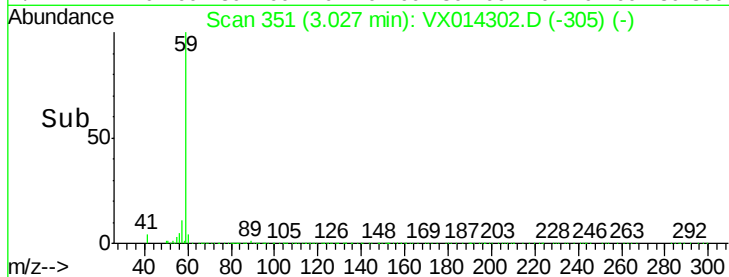
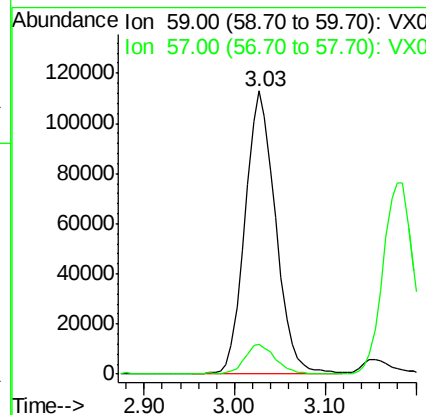
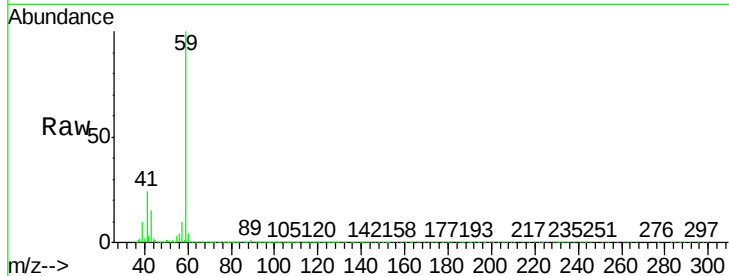


#11

Tert butyl alcohol
Concen: 209.678 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

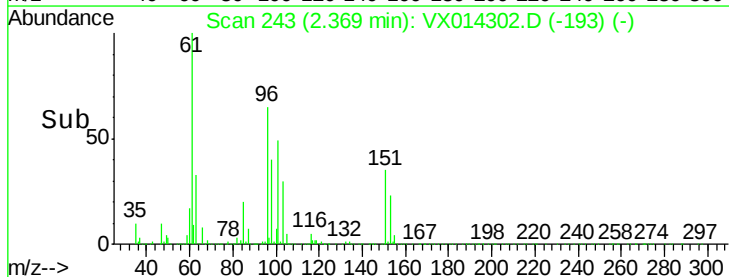
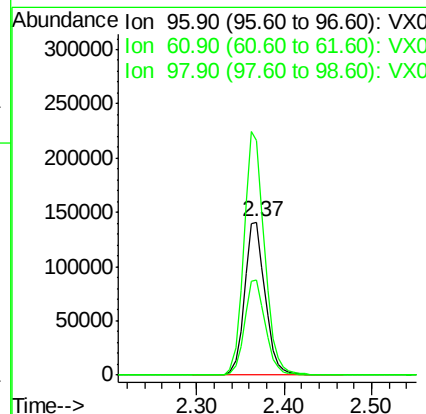
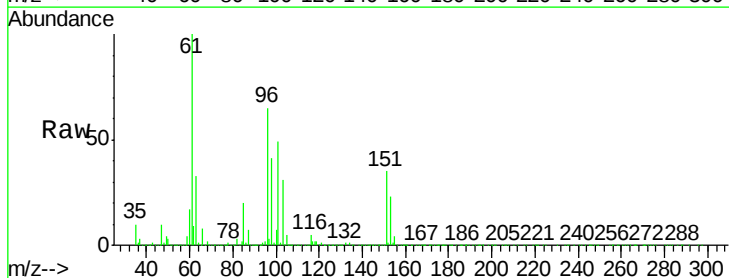
Tgt Ion: 59 Resp: 261977
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6



#12

1,1-Dichloroethene
Concen: 47.236 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 96 Resp: 231823
Ion Ratio Lower Upper
96 100
61 153.3 127.9 191.9
98 62.1 50.5 75.7





#13

Acrolein

Concen: 282.270 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

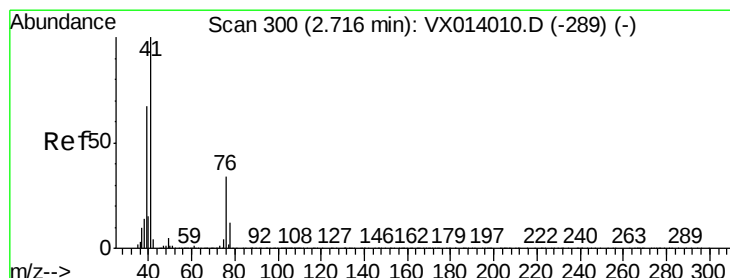
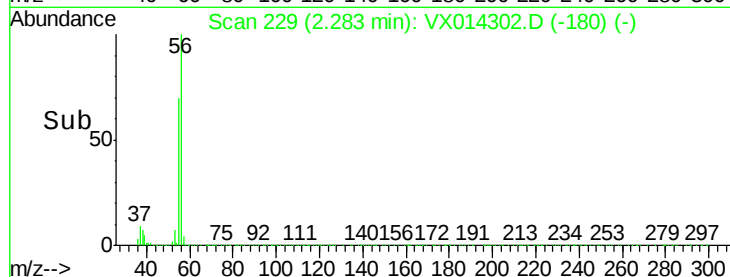
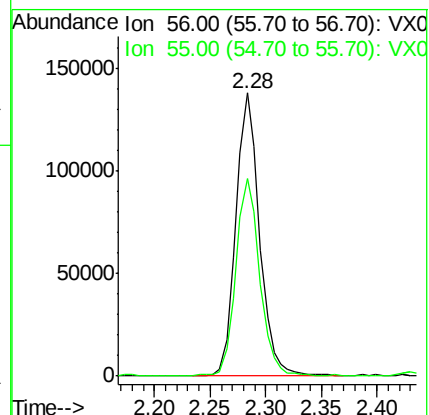
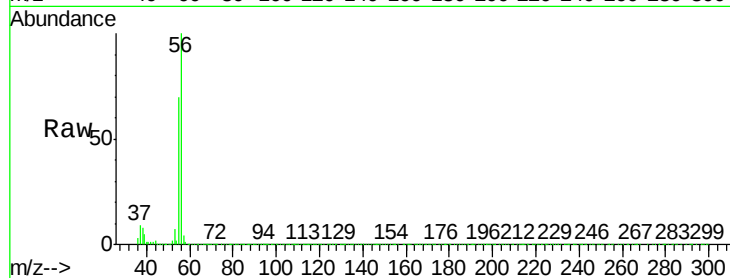
VSTDCCC050

Tgt Ion: 56 Resp: 201883

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 49.394 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

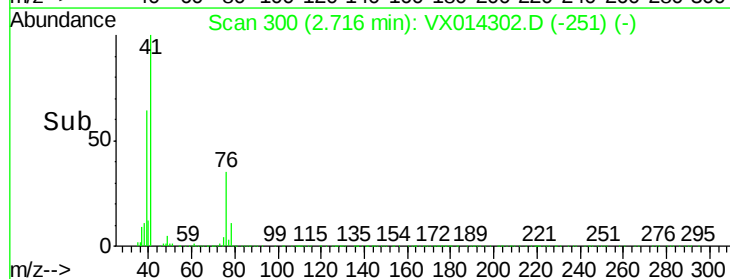
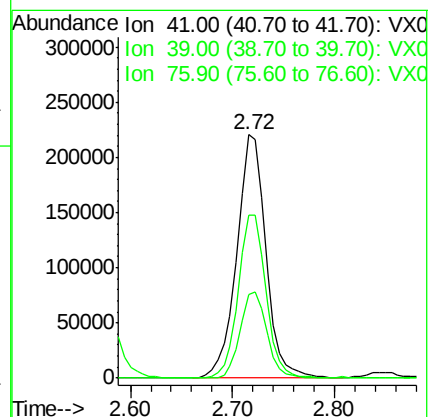
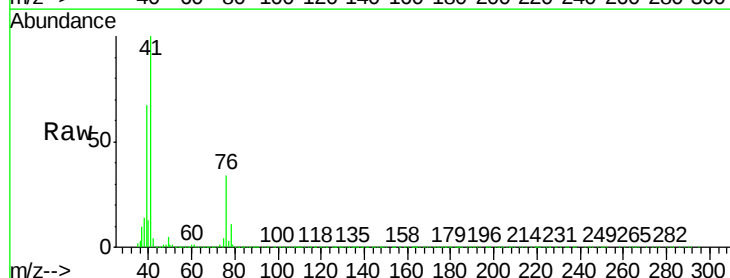
Tgt Ion: 41 Resp: 432818

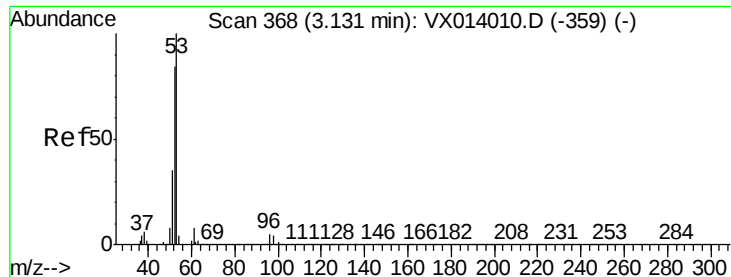
Ion Ratio Lower Upper

41 100

39 63.7 51.8 77.8

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 245.461 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

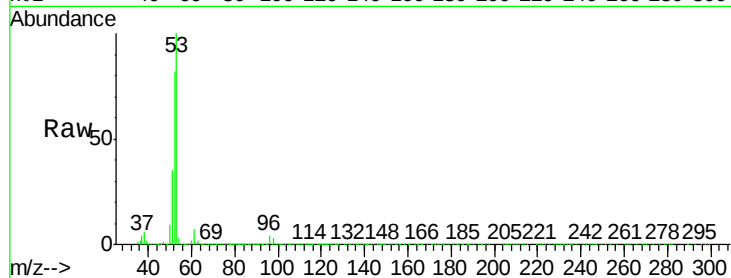
Tgt Ion: 53 Resp: 715826

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

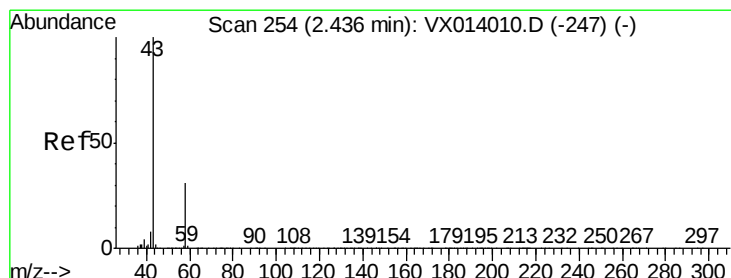
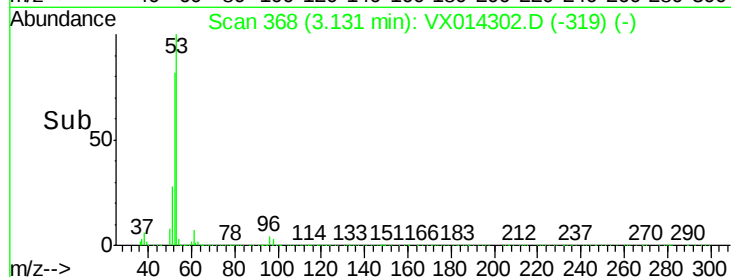
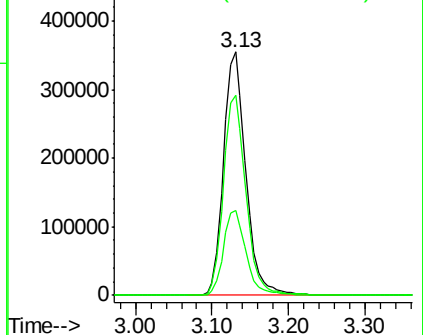
51 35.3 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 203.716 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014302.D

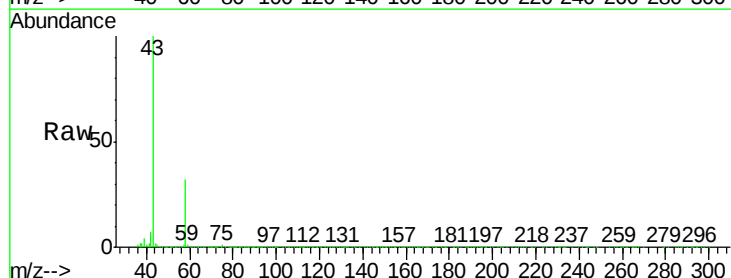
Acq: 27 Dec 2019 12:03

Tgt Ion: 43 Resp: 764744

Ion Ratio Lower Upper

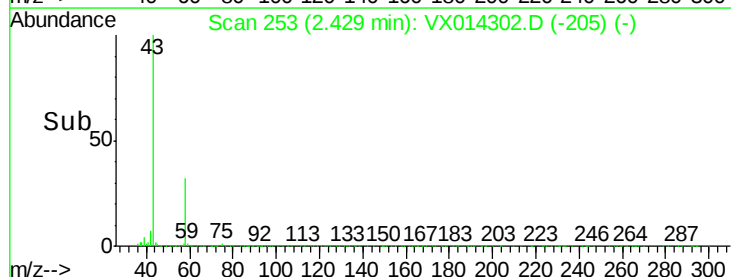
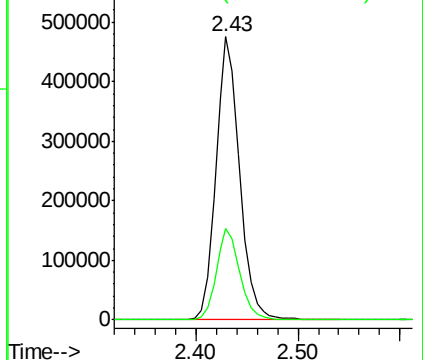
43 100

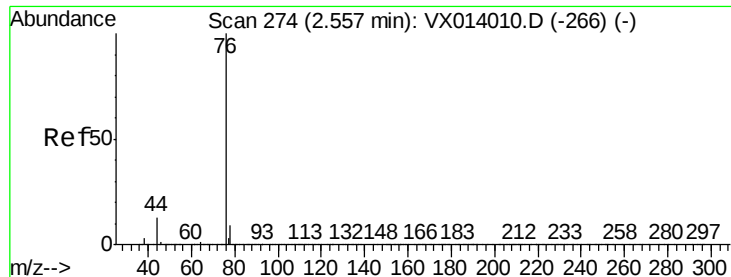
58 32.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.574 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

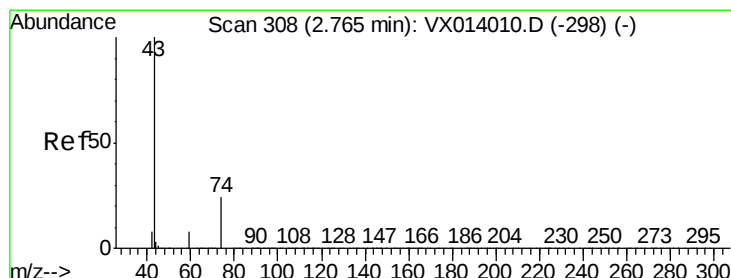
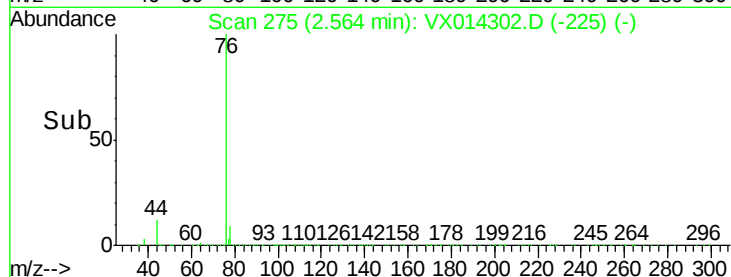
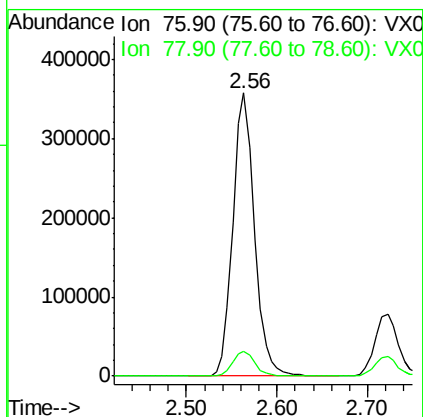
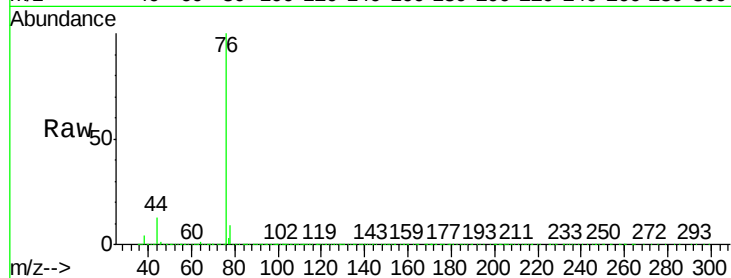
VSTDCCC050

Tgt Ion: 76 Resp: 592351

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 49.255 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014302.D

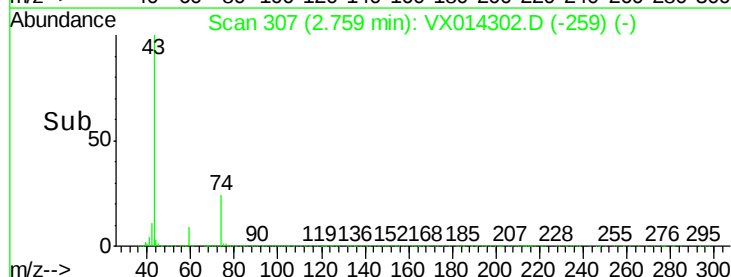
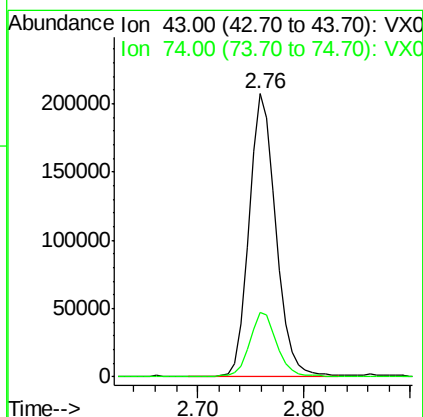
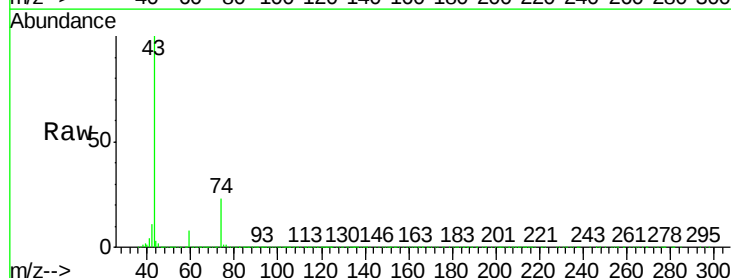
Acq: 27 Dec 2019 12:03

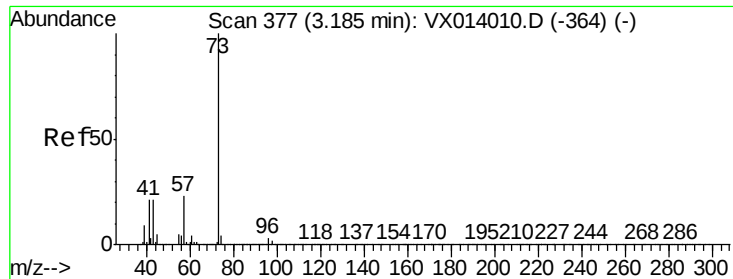
Tgt Ion: 43 Resp: 366392

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3

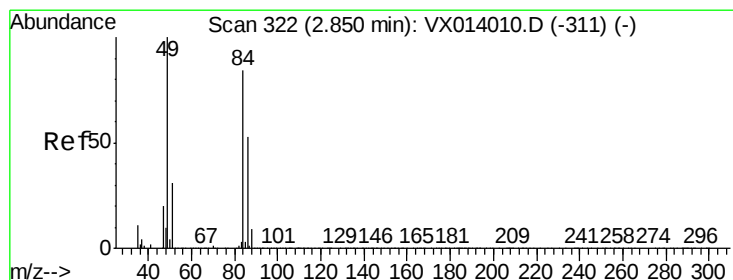
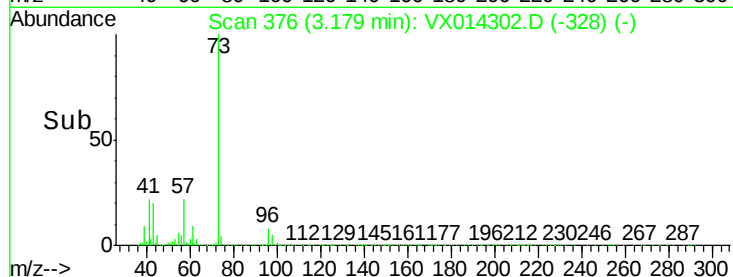
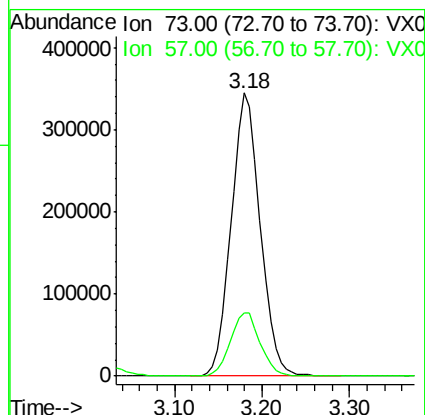
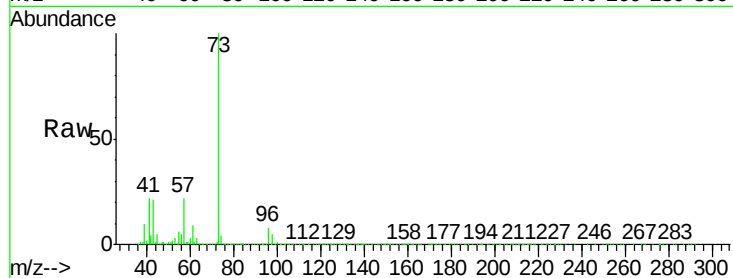




#19
Methyl tert-butyl Ether
Concen: 49.233 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

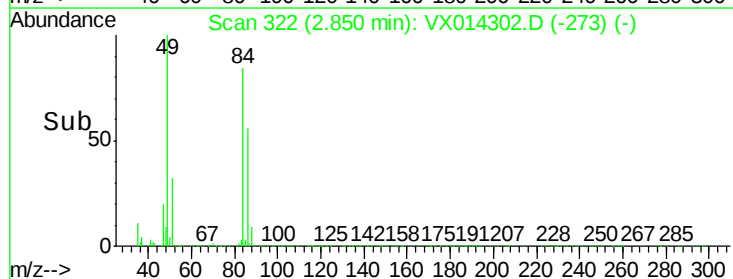
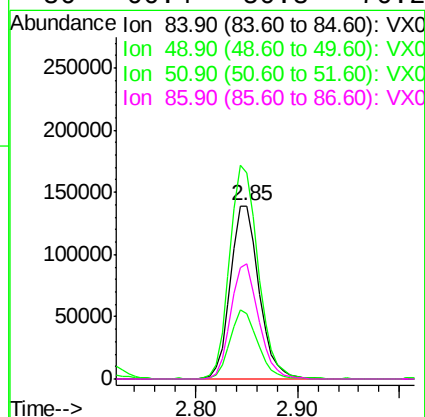
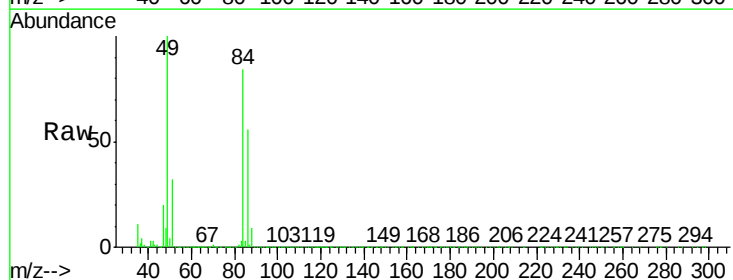
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

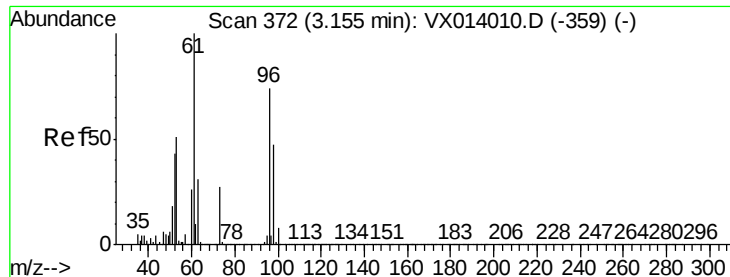
Tgt Ion: 73 Resp: 793977
Ion Ratio Lower Upper
73 100
57 22.1 18.8 28.2



#20
Methylene Chloride
Concen: 45.796 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 84 Resp: 270724
Ion Ratio Lower Upper
84 100
49 119.0 95.8 143.6
51 37.5 29.8 44.8
86 66.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.703 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

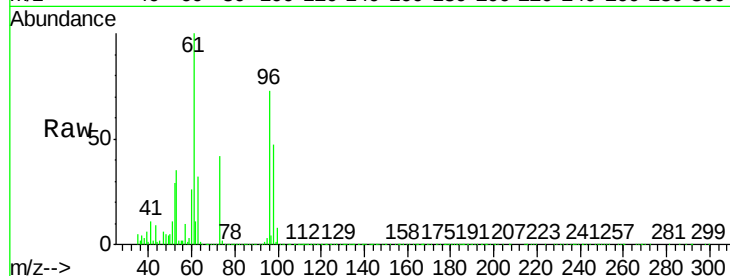
Tgt Ion: 96 Resp: 252512

Ion Ratio Lower Upper

96 100

61 136.4 108.3 162.5

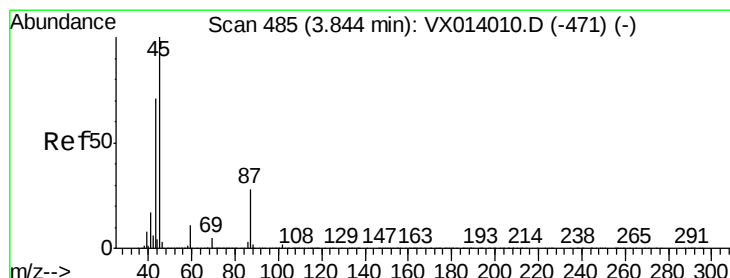
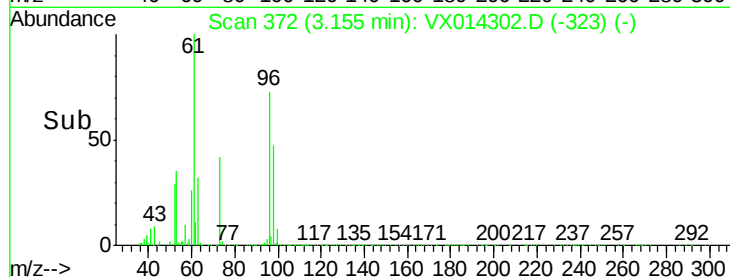
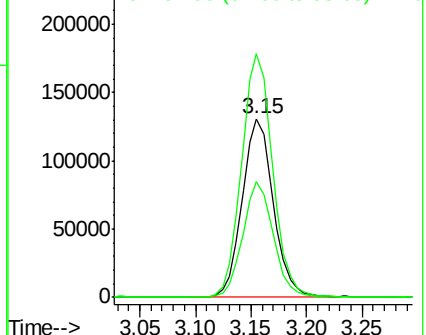
98 64.4 50.8 76.2



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: 51.221 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Tgt Ion: 45 Resp: 894400

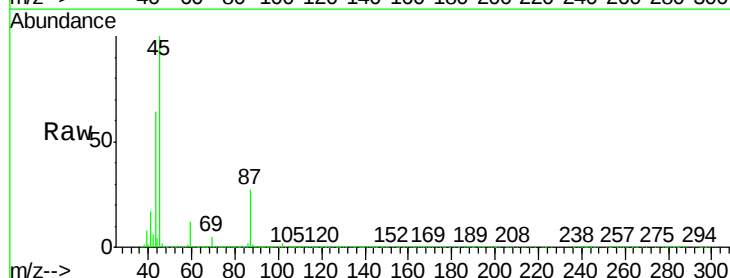
Ion Ratio Lower Upper

45 100

43 63.8 57.4 86.0

87 27.0 21.9 32.9

59 11.7 9.0 13.6

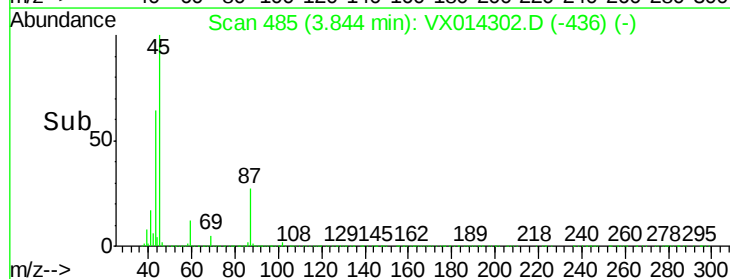
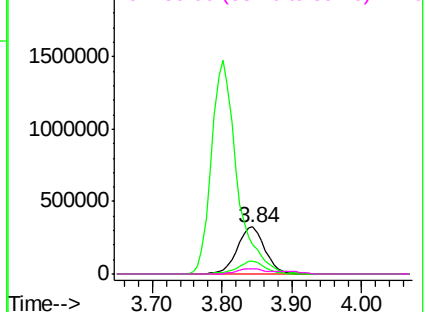


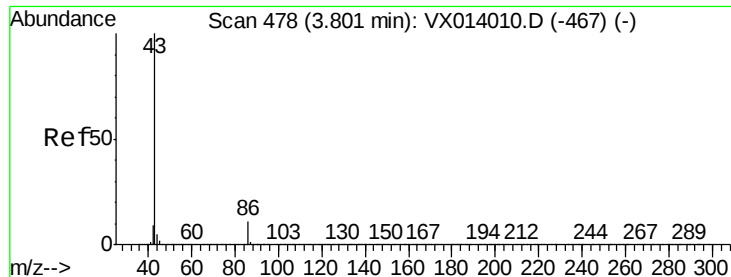
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 263.703 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

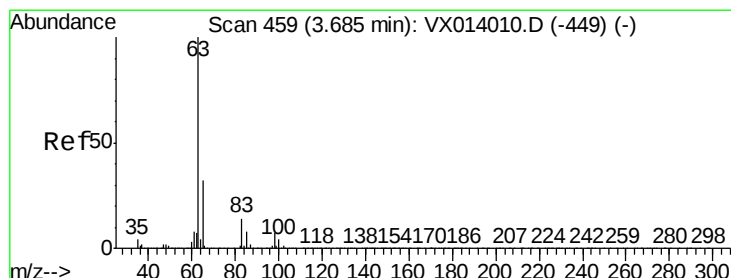
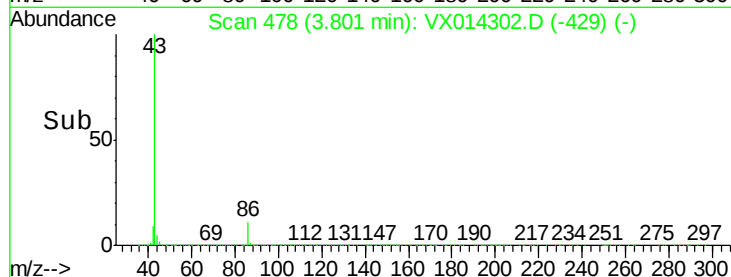
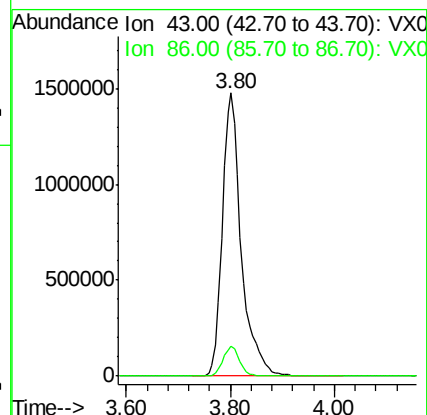
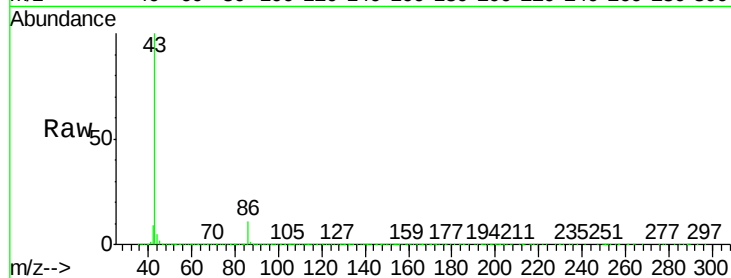
VSTDCCC050

Tgt Ion: 43 Resp: 3757693

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 48.150 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

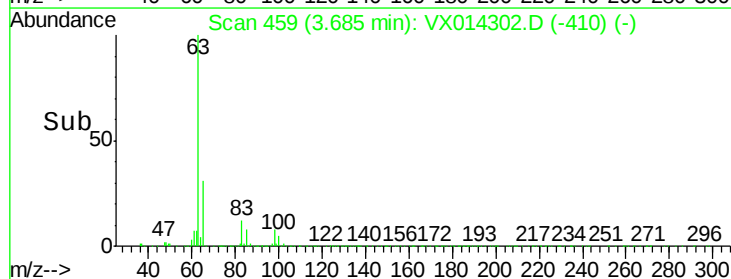
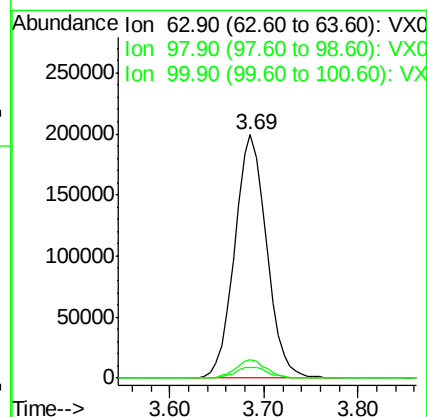
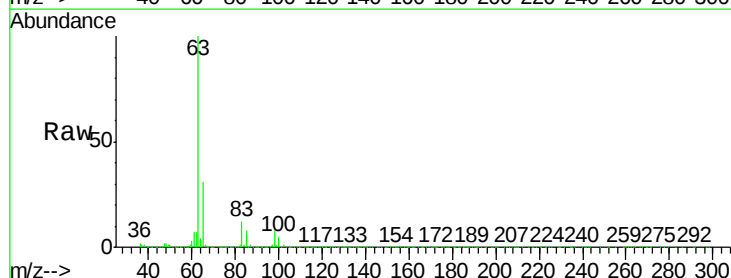
Tgt Ion: 63 Resp: 467771

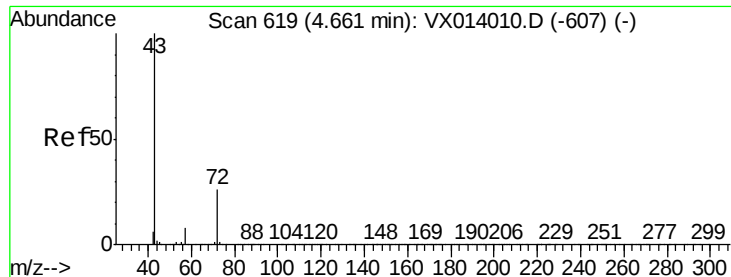
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 235.299 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

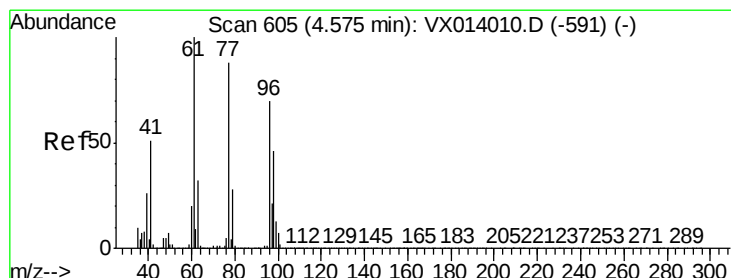
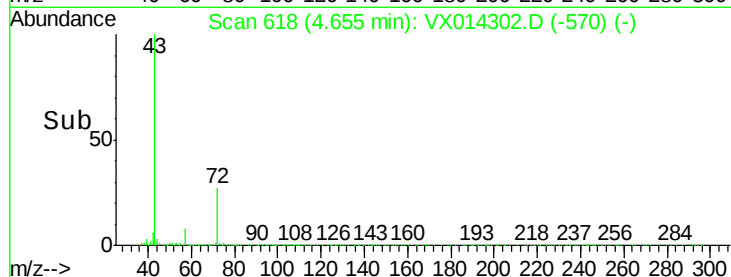
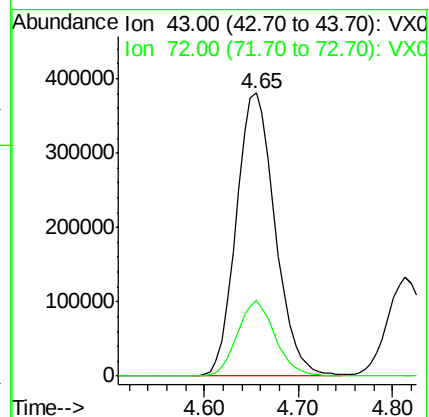
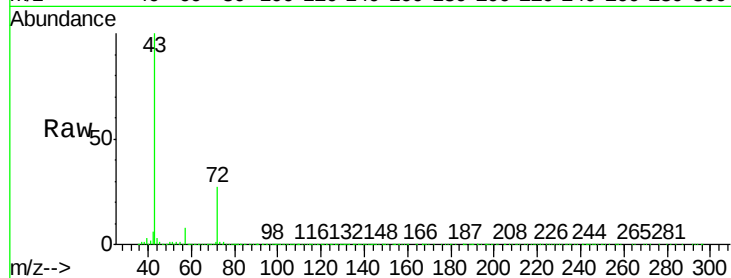
VSTDCCC050

Tgt Ion: 43 Resp: 1089009

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 50.041 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014302.D

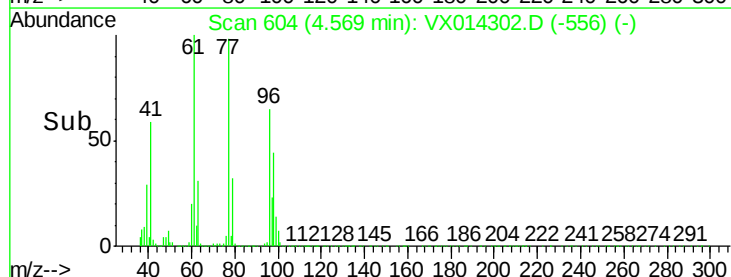
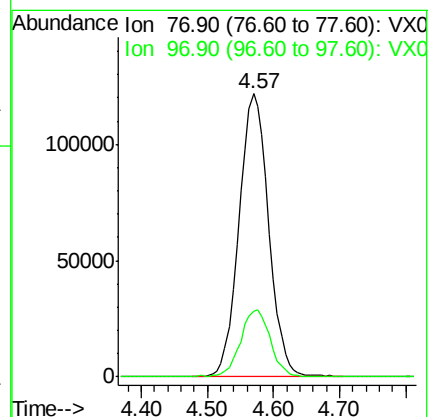
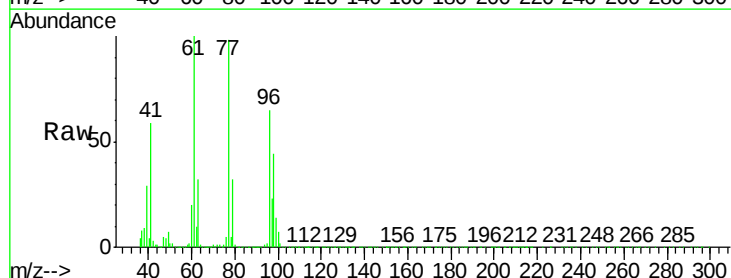
Acq: 27 Dec 2019 12:03

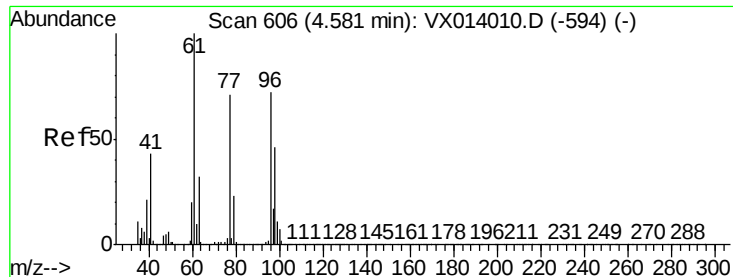
Tgt Ion: 77 Resp: 377452

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



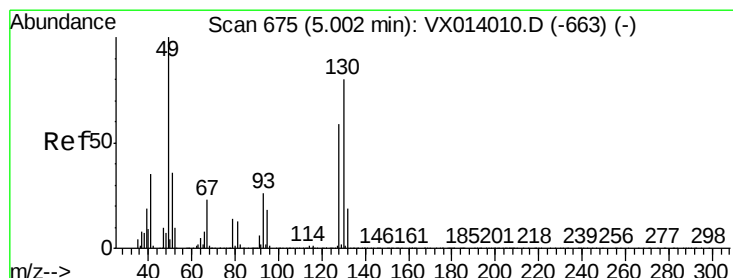
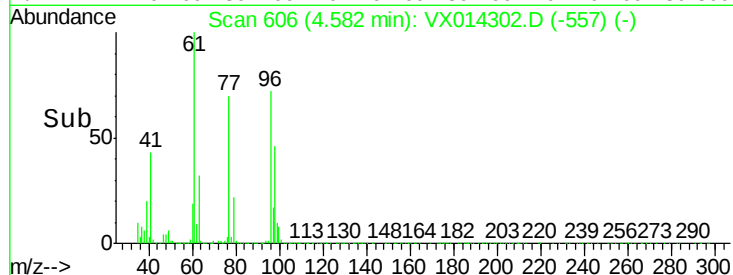
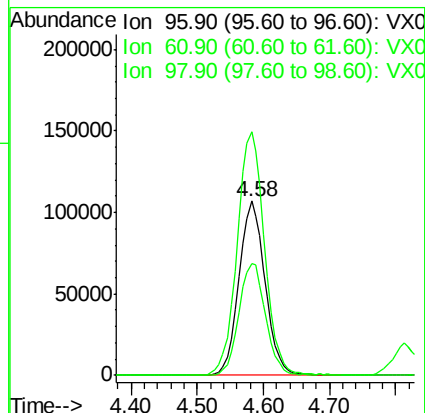
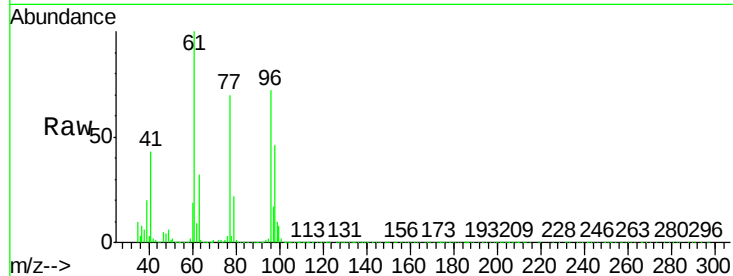


#27

cis-1,2-Dichloroethene
Concen: 47.936 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

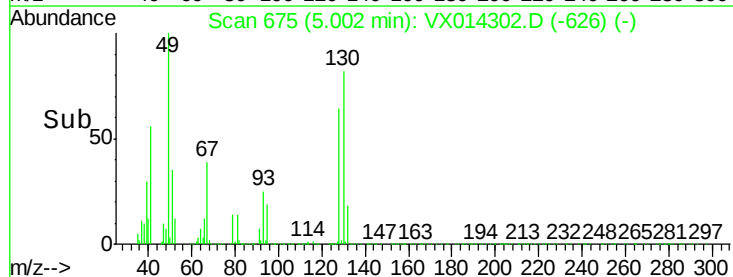
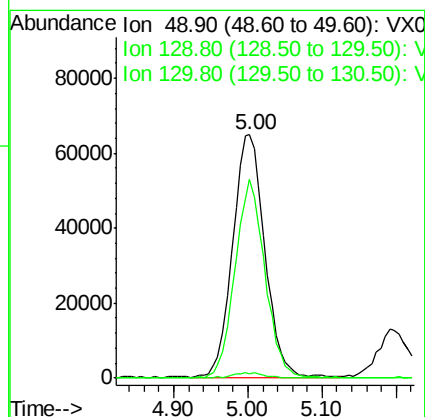
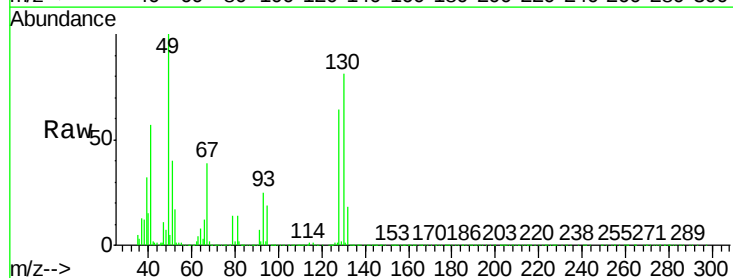
Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	288.4
98	65.5	0.0	129.6

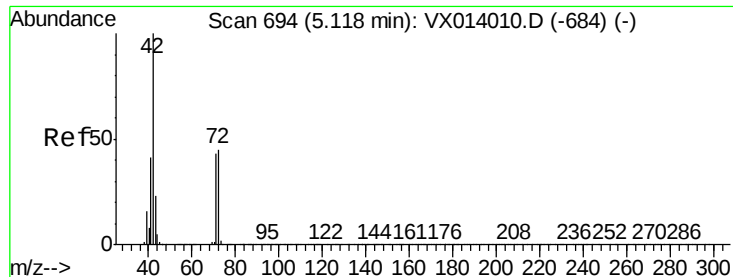


#28

Bromochloromethane
Concen: 52.530 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	75.7	64.6	97.0

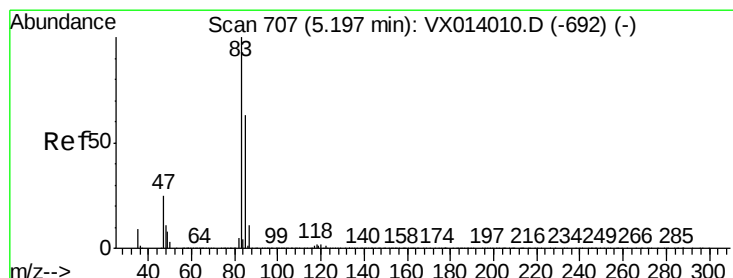
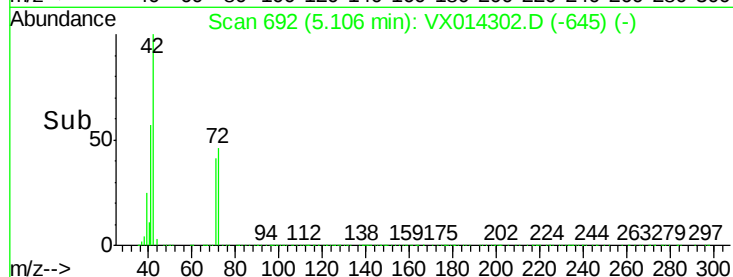
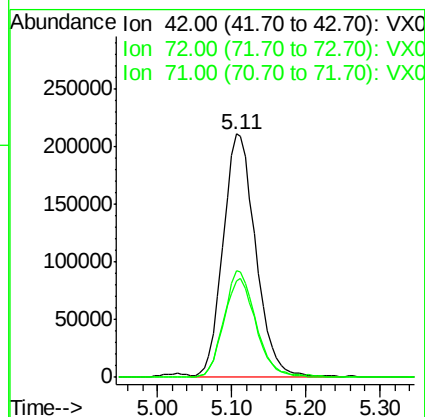
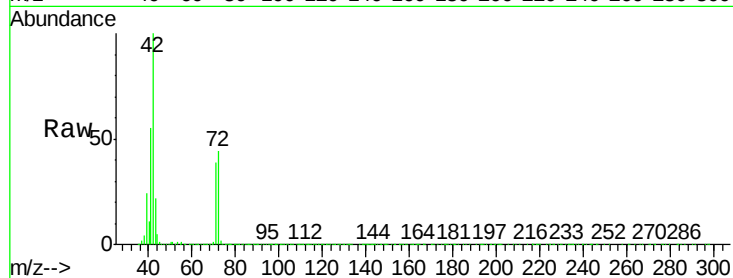




#29
Tetrahydrofuran
Concen: 246.868 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

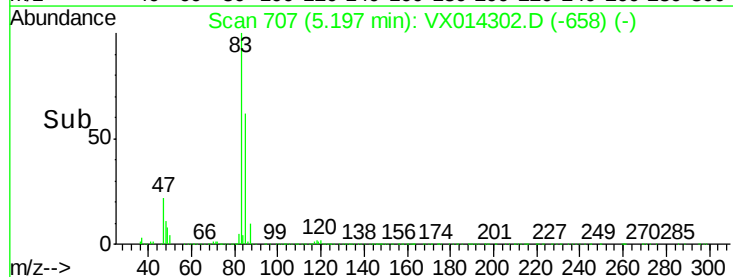
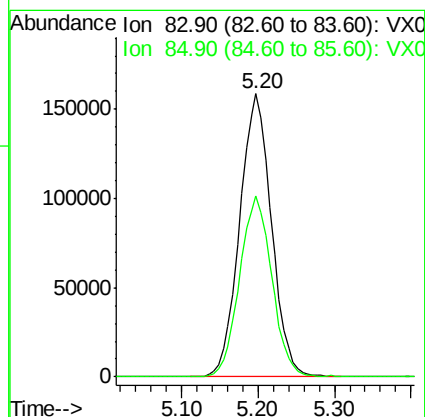
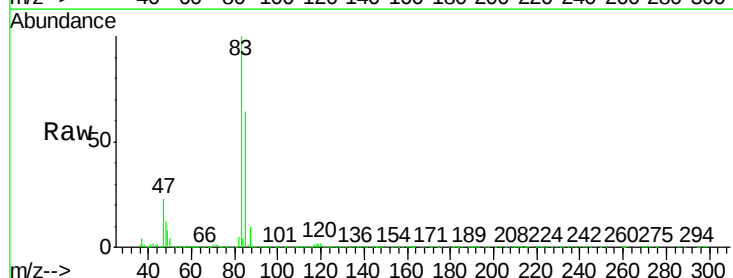
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

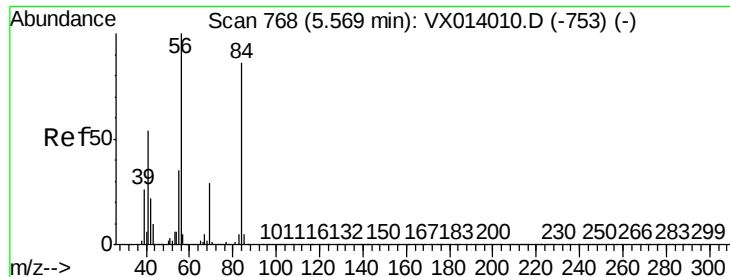
Tgt Ion: 42 Resp: 639059
Ion Ratio Lower Upper
42 100
72 43.9 35.8 53.8
71 40.7 33.6 50.4



#30
Chloroform
Concen: 49.712 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 83 Resp: 457822
Ion Ratio Lower Upper
83 100
85 63.8 50.8 76.2

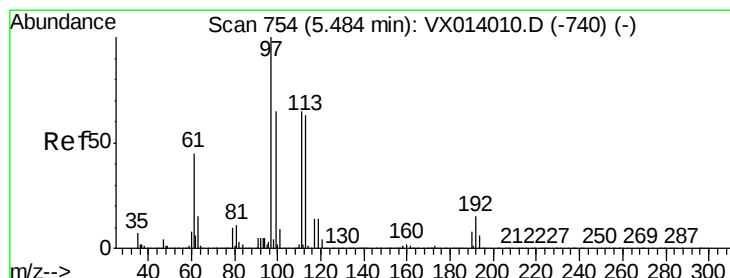
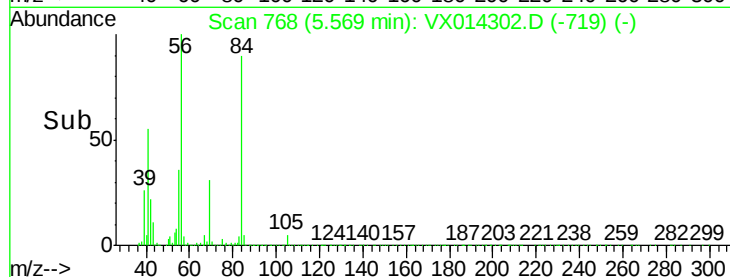
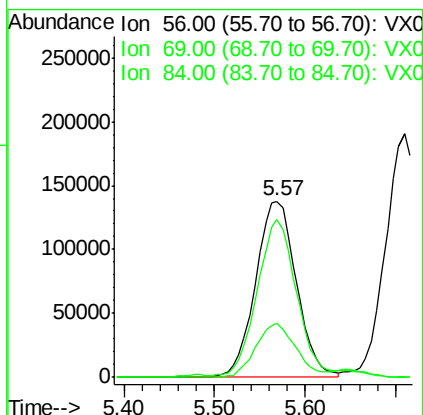
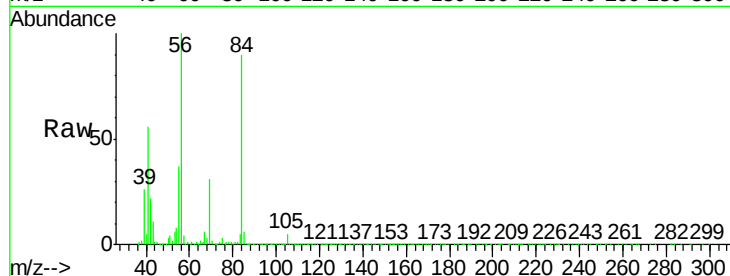




#31
Cyclohexane
Concen: 49.628 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

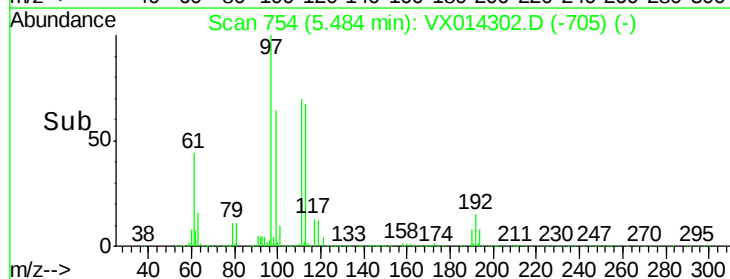
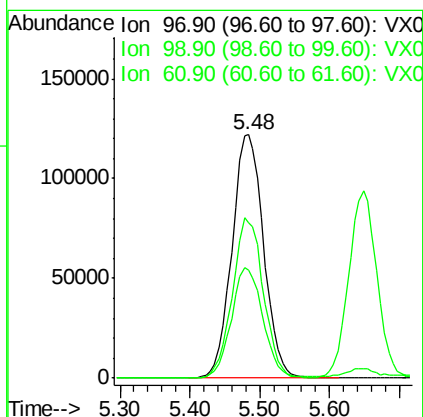
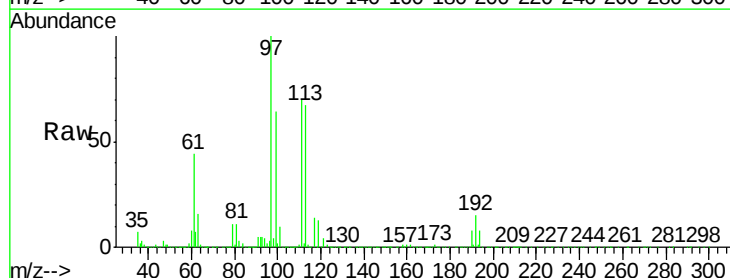
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 428807
Ion Ratio Lower Upper
56 100
69 30.6 23.2 34.8
84 88.7 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 48.538 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 97 Resp: 380981
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 45.1 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 48.115 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

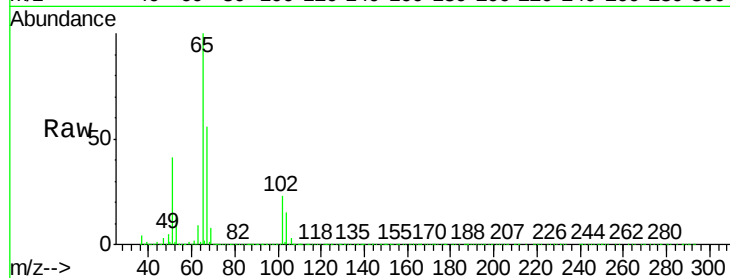
VSTDCCC050

Tgt Ion: 65 Resp: 278215

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

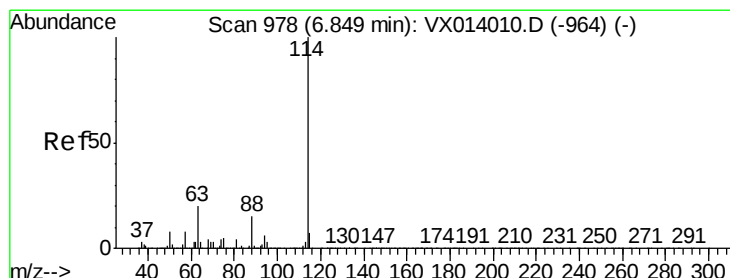
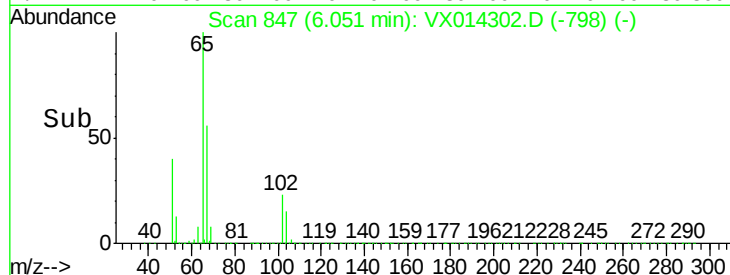
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

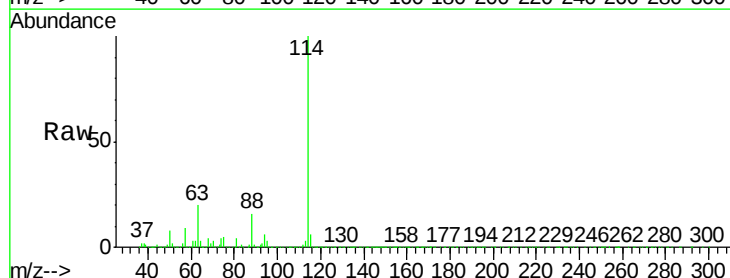
Tgt Ion: 114 Resp: 769144

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

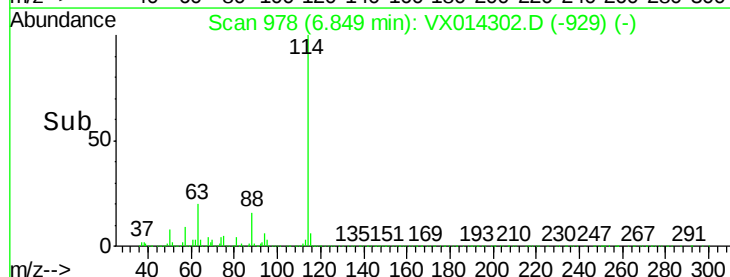
300000

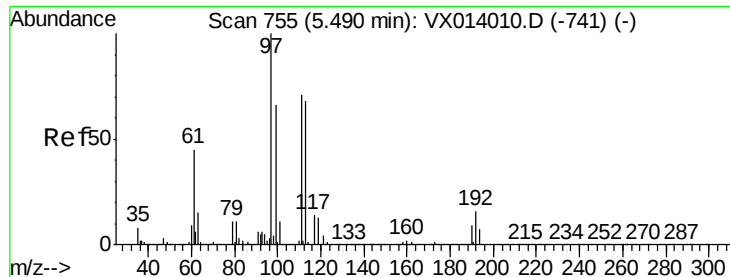
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

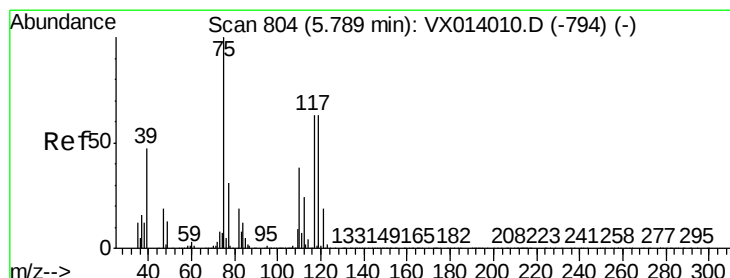
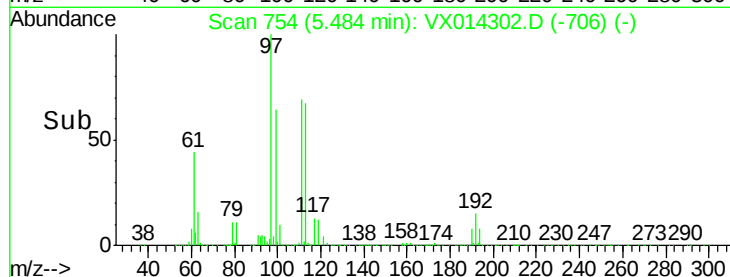
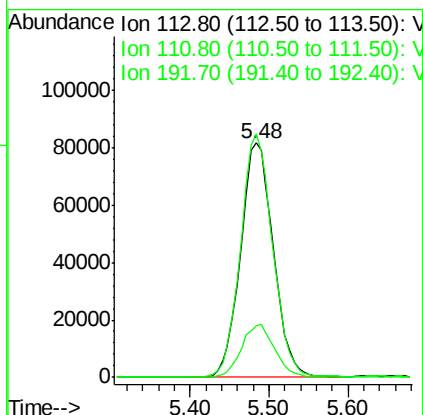
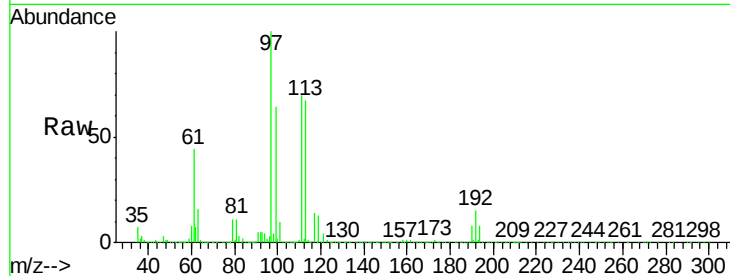




#35
 Dibromofluoromethane
 Concen: 50.421 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

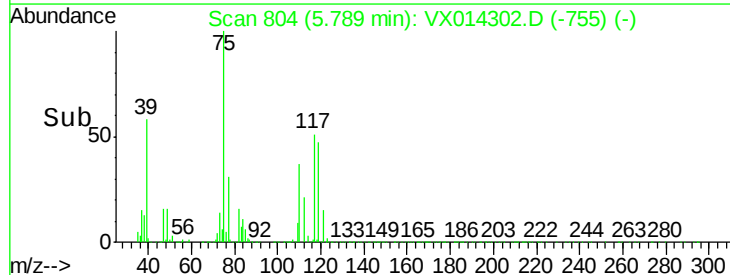
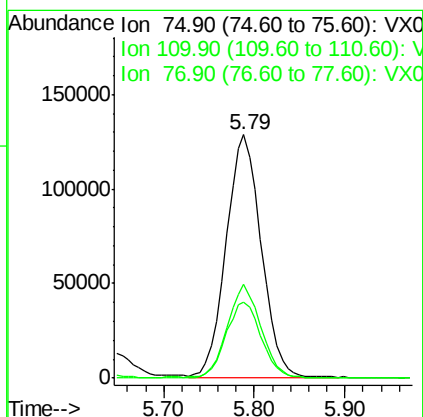
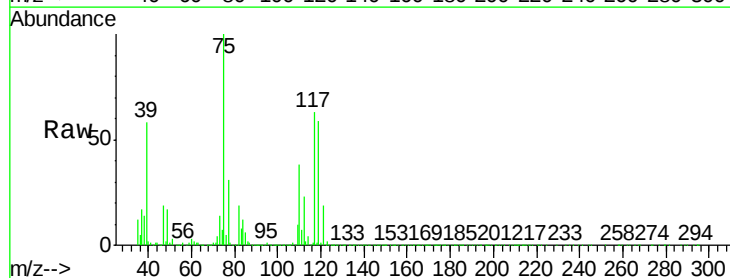
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 235748
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.0 123.0
 192 22.7 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 48.781 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion: 75 Resp: 344263
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.3 54.9
 77 31.3 24.8 37.2

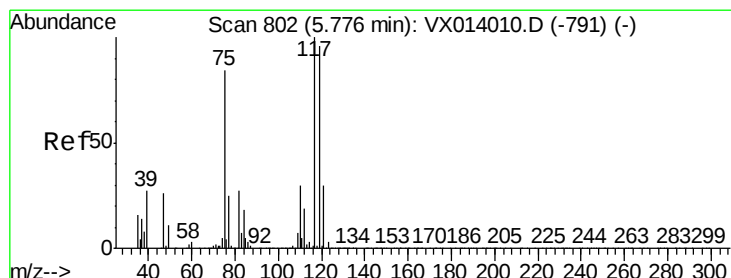
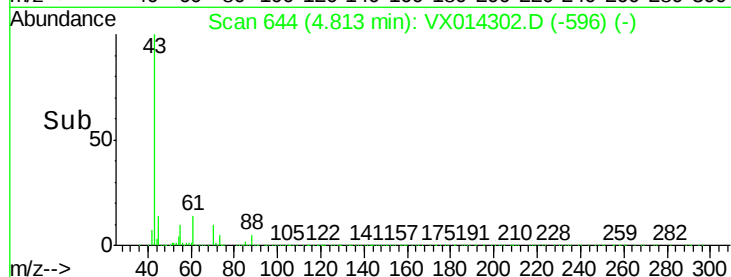
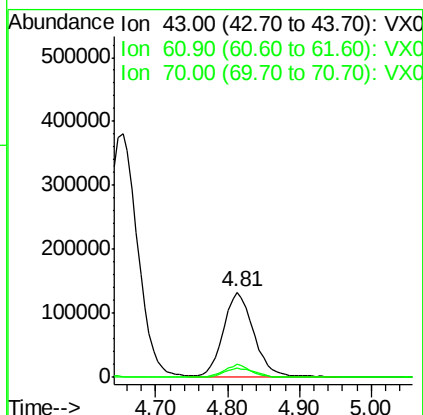
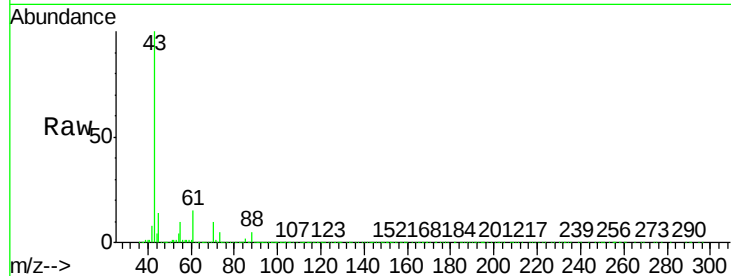




#37
Ethyl Acetate
Concen: 49.714 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

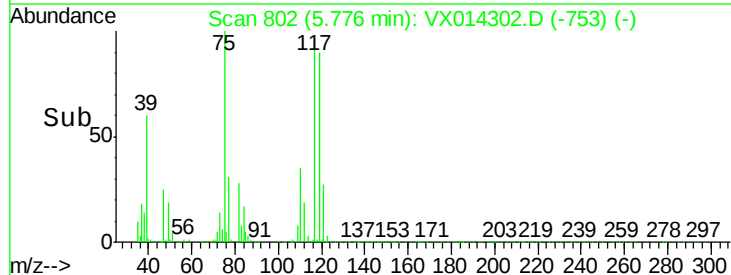
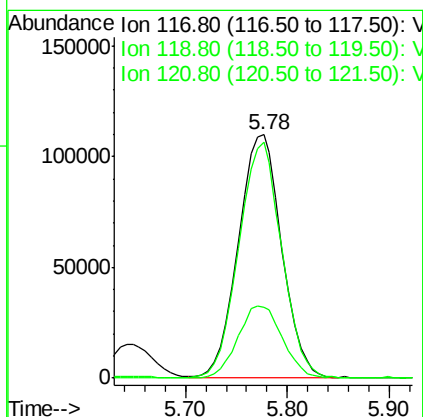
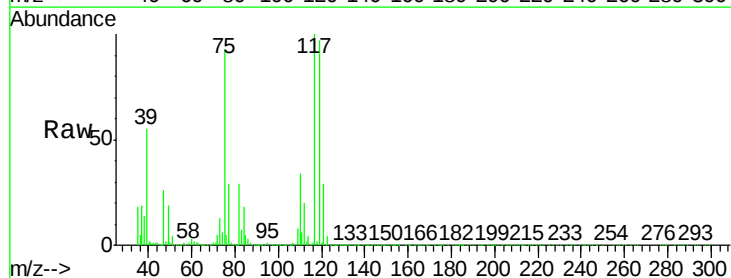
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

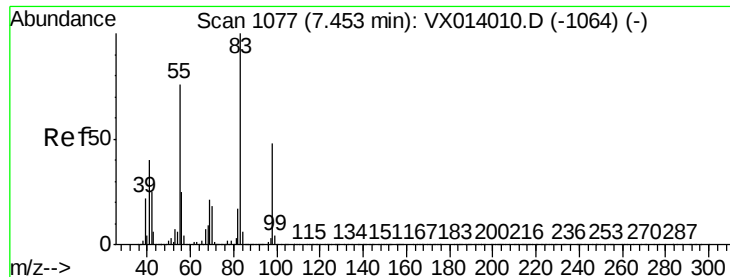
Tgt Ion:	43	Resp:	387439
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	10.5	8.6	12.8



#38
Carbon Tetrachloride
Concen: 50.246 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion:	117	Resp:	323039
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.4
121	29.3	23.6	35.4

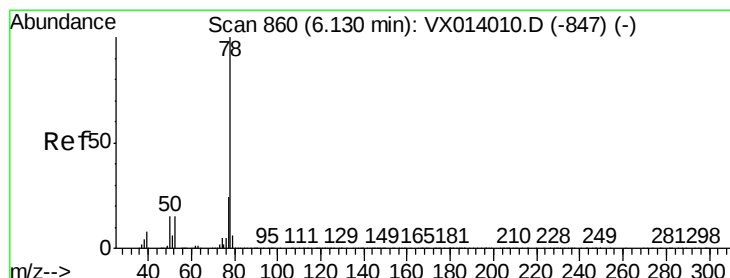
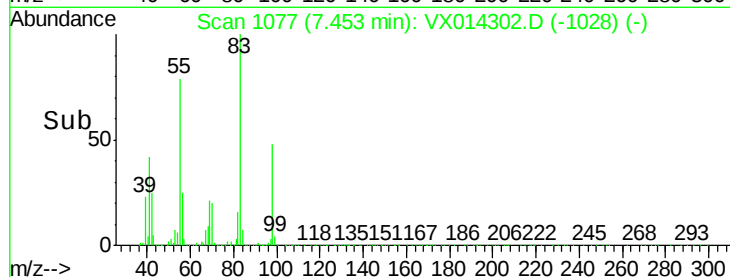
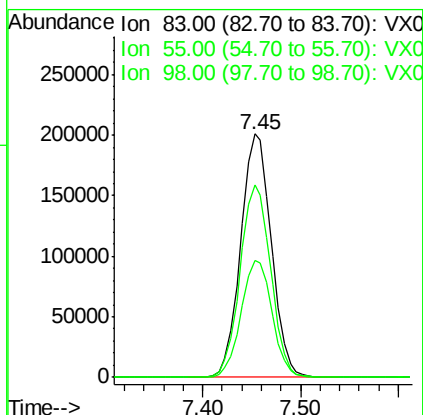
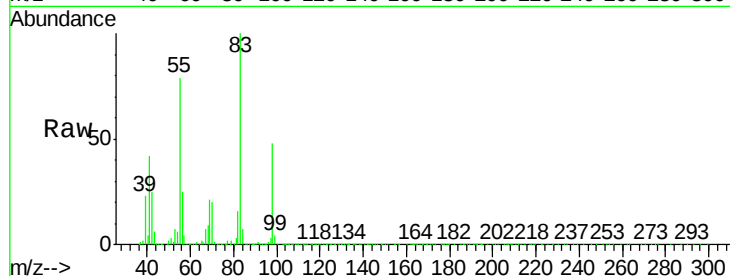




#39
Methylcyclohexane
Concen: 50.092 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

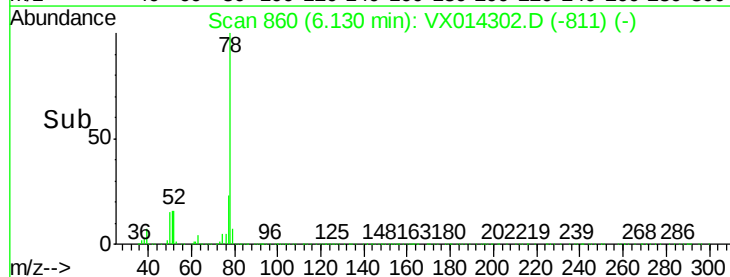
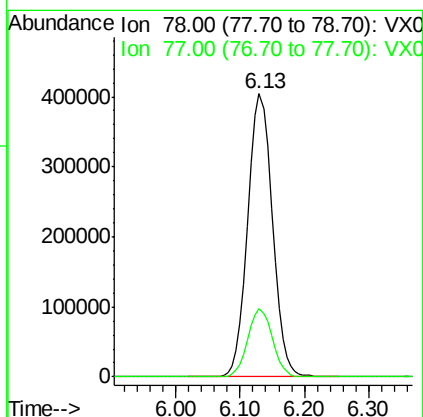
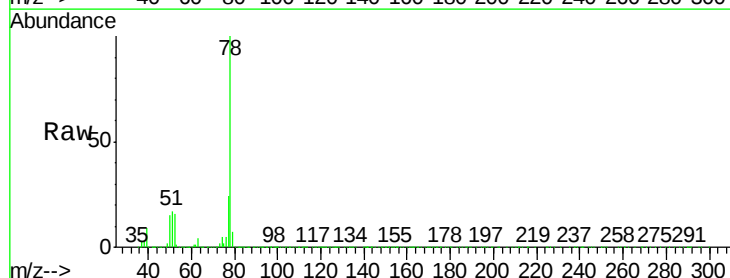
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

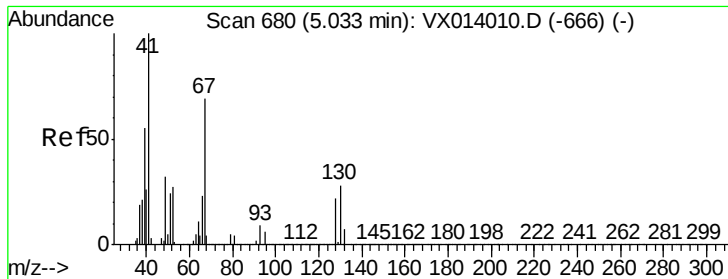
Tgt Ion: 83 Resp: 436509
Ion Ratio Lower Upper
83 100
55 79.2 61.0 91.6
98 48.1 38.6 57.8



#40
Benzene
Concen: 48.880 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 78 Resp: 1061404
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





#41

Methacrylonitrile

Concen: 49.734 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

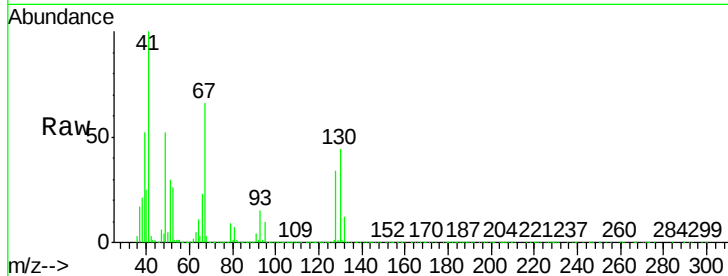
Tgt Ion: 41 Resp: 215057
Ion Ratio Lower Upper

41 100

39 55.8 44.5 66.7

67 70.0 57.4 86.0

52 27.8 23.0 34.4

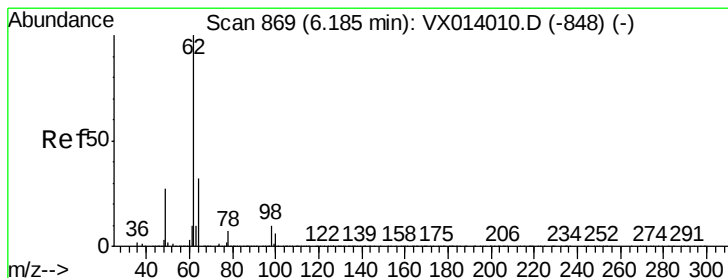
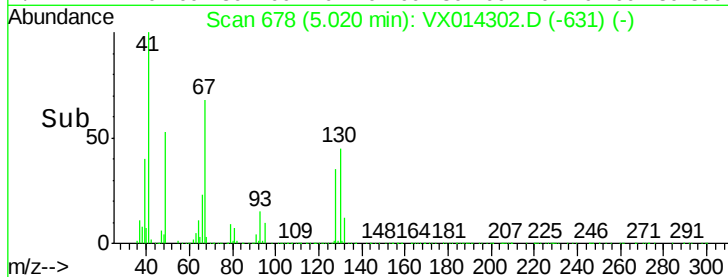
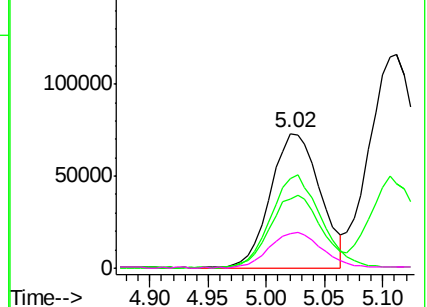


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.256 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

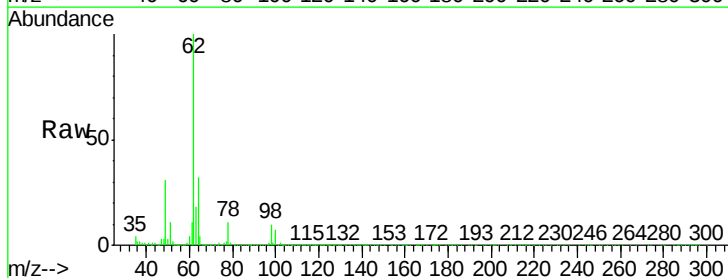
Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Tgt Ion: 62 Resp: 362562
Ion Ratio Lower Upper

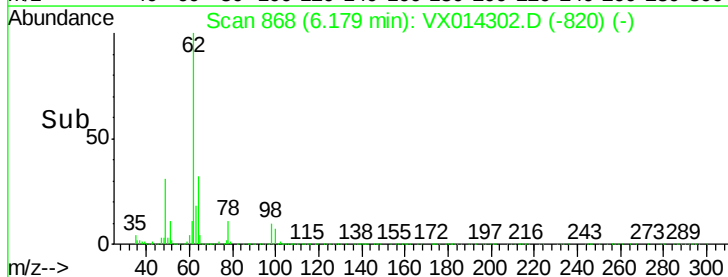
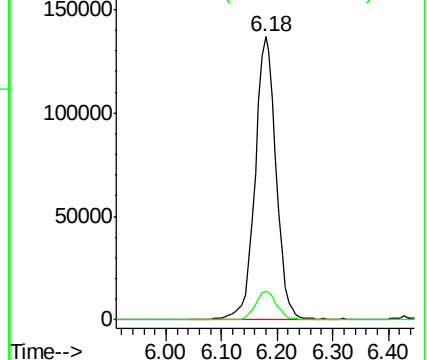
62 100

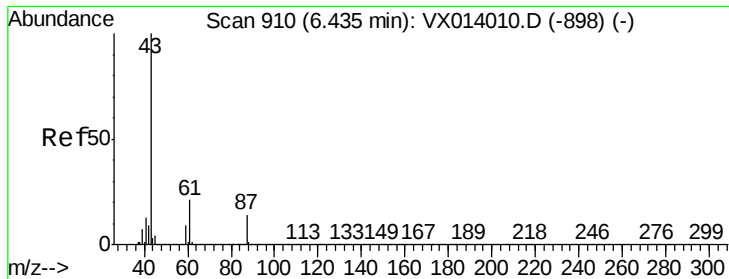
98 10.1 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.090 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

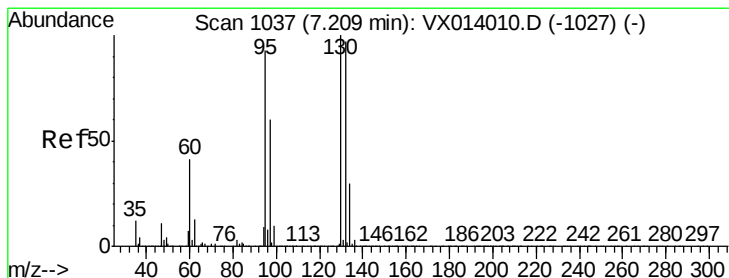
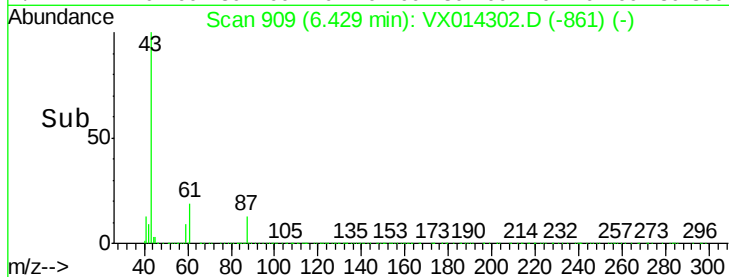
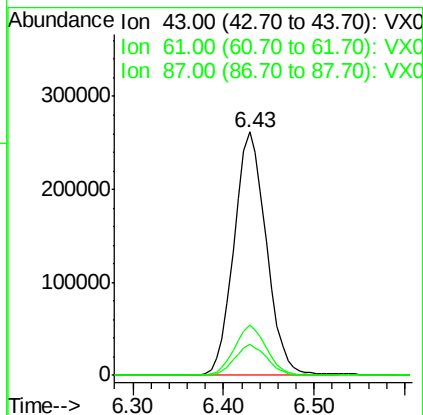
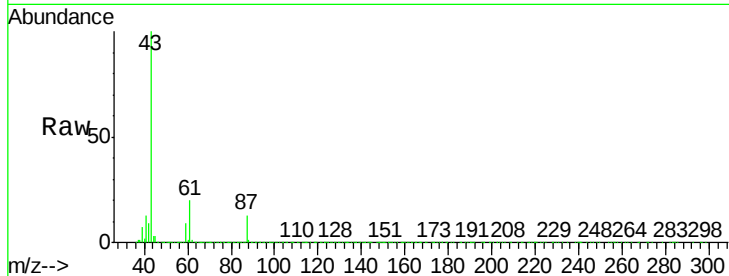
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	646037
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.4	24.6
87	12.6	10.7	16.1



#44

Trichloroethene

Concen: 48.676 ug/l

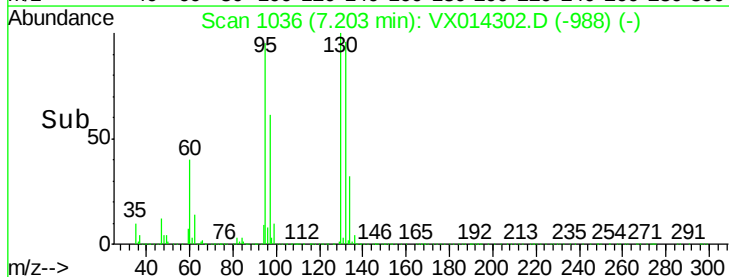
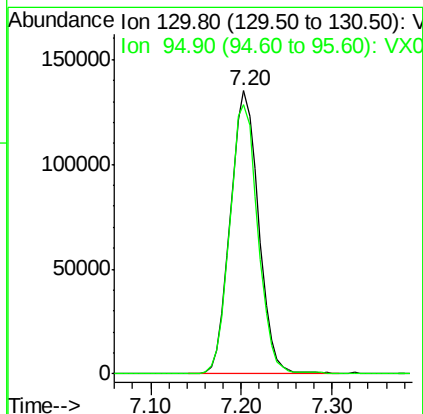
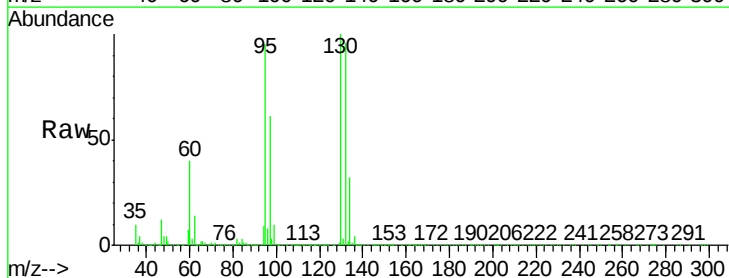
RT: 7.20 min Scan# 1036

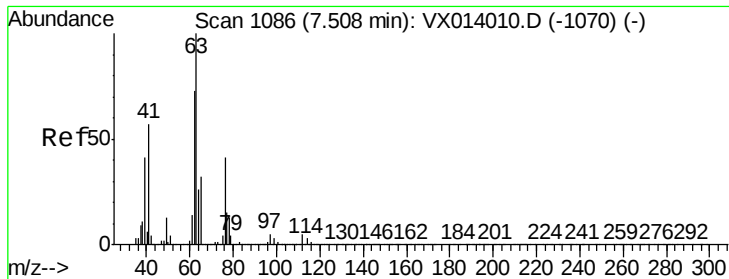
Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Tgt Ion:	130	Resp:	291949
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	185.6





#45

1,2-Dichloropropane

Concen: 50.770 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

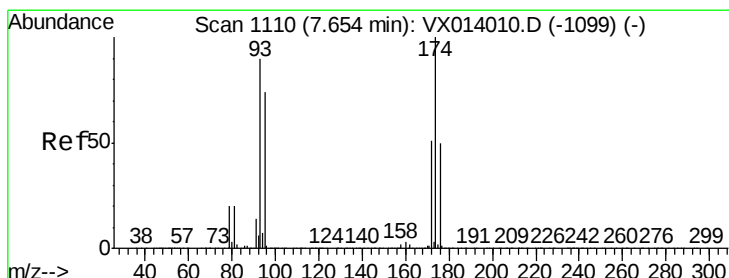
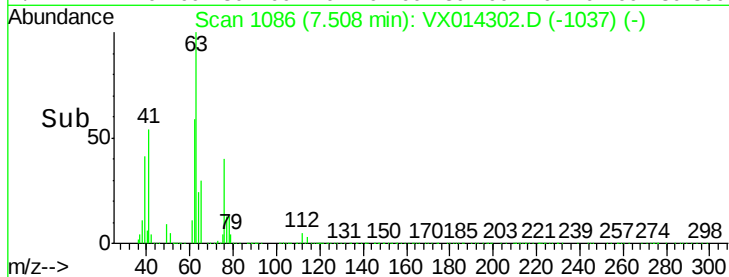
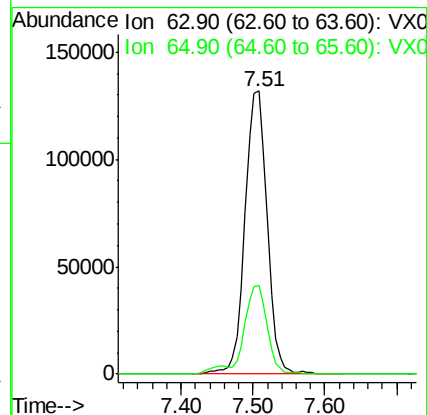
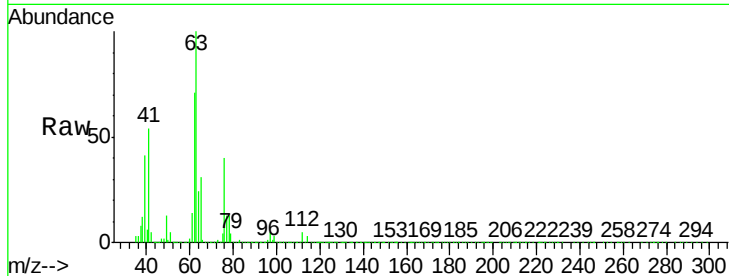
VSTDCCC050

Tgt Ion: 63 Resp: 282569

Ion Ratio Lower Upper

63 100

65 31.1 25.8 38.8



#46

Dibromomethane

Concen: 47.835 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

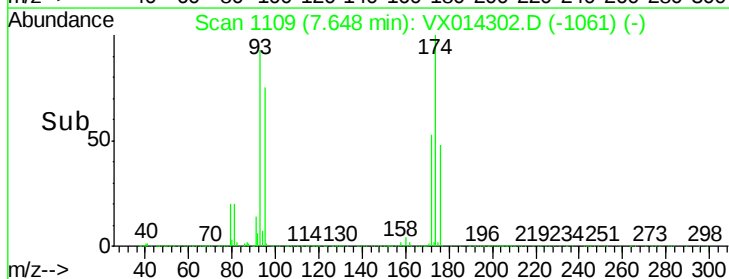
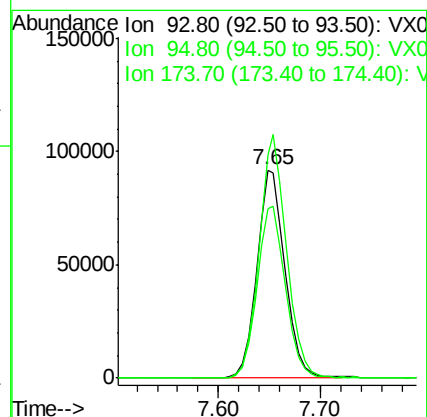
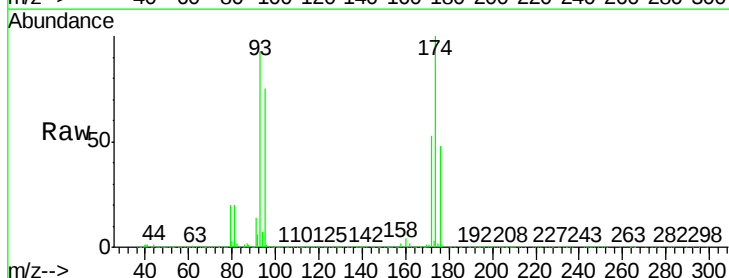
Tgt Ion: 93 Resp: 176019

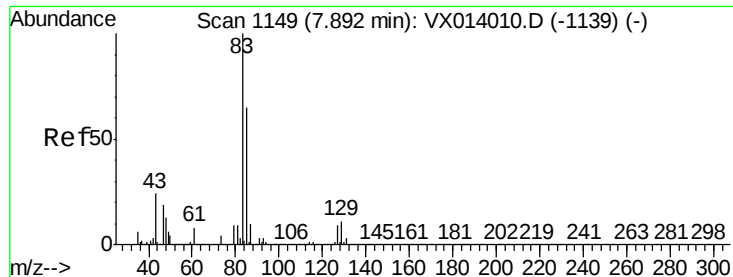
Ion Ratio Lower Upper

93 100

95 82.9 67.3 100.9

174 114.1 91.6 137.4





#47

Bromodichloromethane

Concen: 51.478 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

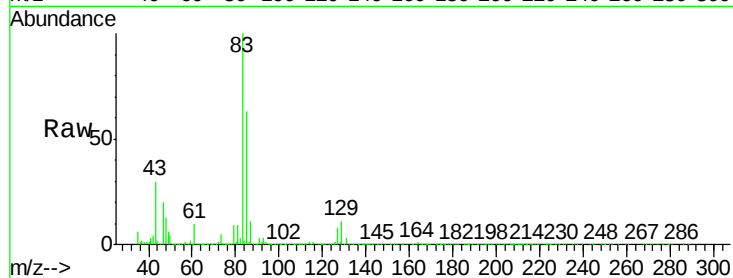
Tgt Ion: 83 Resp: 356751

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.8

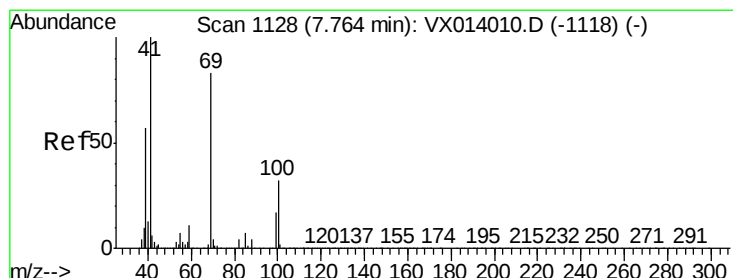
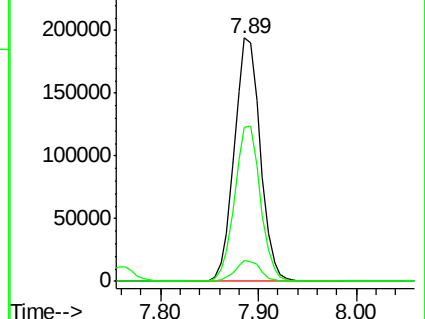
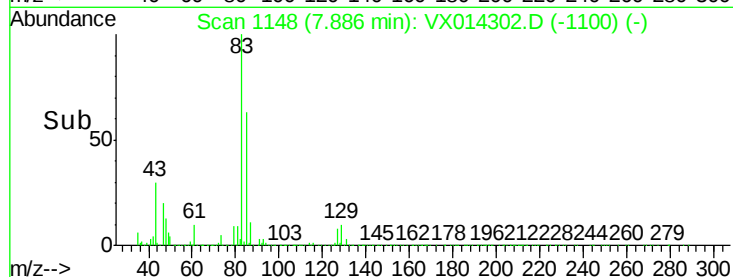
127 8.5 7.0 10.4



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: 50.433 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

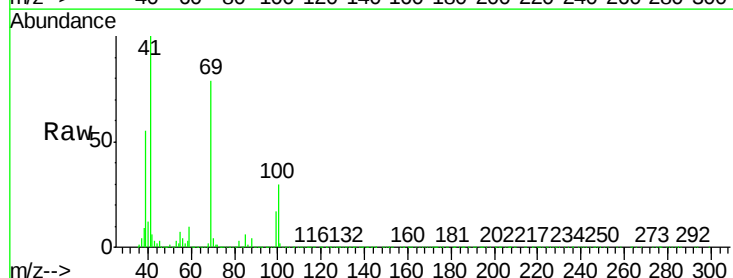
Tgt Ion: 41 Resp: 318511

Ion Ratio Lower Upper

41 100

69 80.6 65.8 98.6

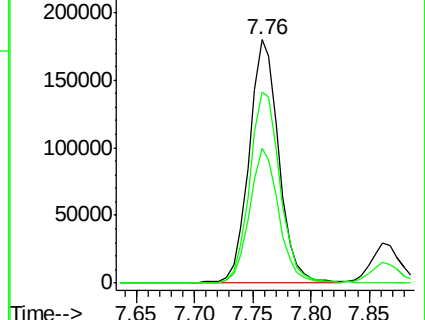
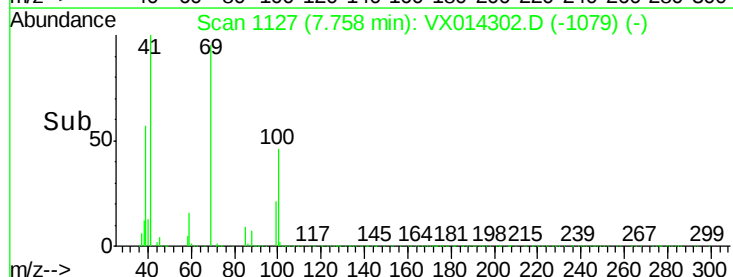
39 54.1 44.6 67.0

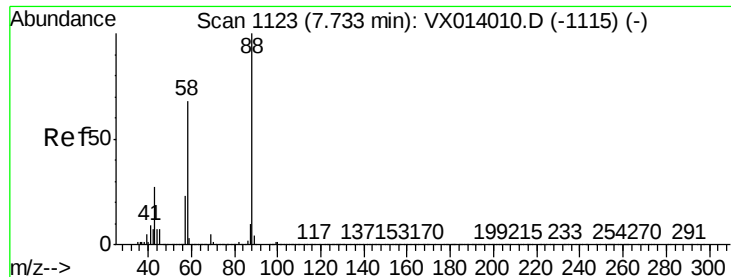


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 884.184 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

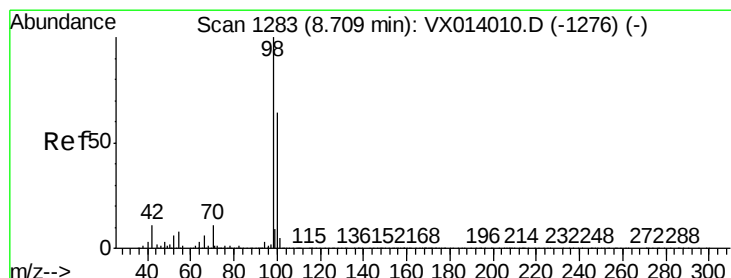
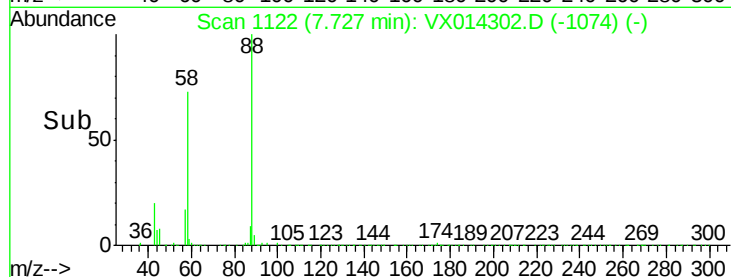
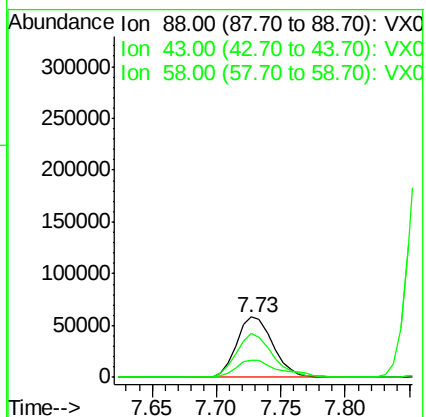
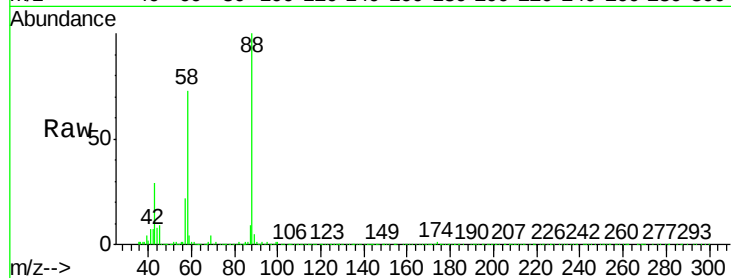
Tgt Ion: 88 Resp: 113638

Ion Ratio Lower Upper

88 100

43 34.3 26.5 39.7

58 73.1 56.8 85.2



#50

Toluene-d8

Concen: 49.953 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014302.D

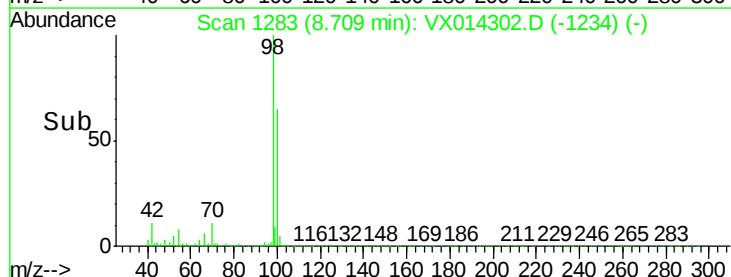
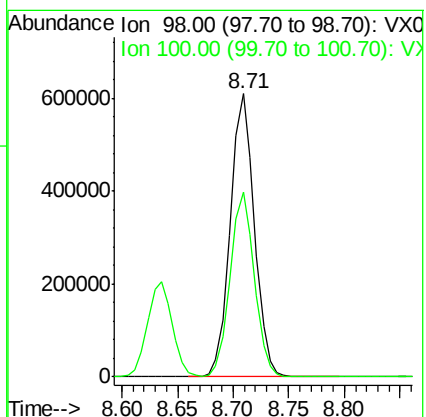
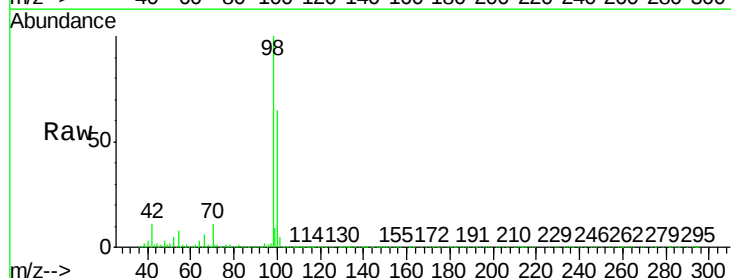
Acq: 27 Dec 2019 12:03

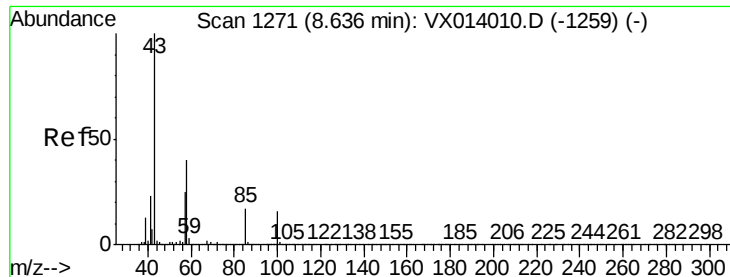
Tgt Ion: 98 Resp: 909303

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3

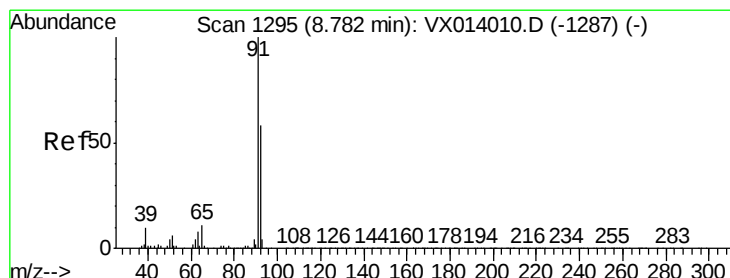
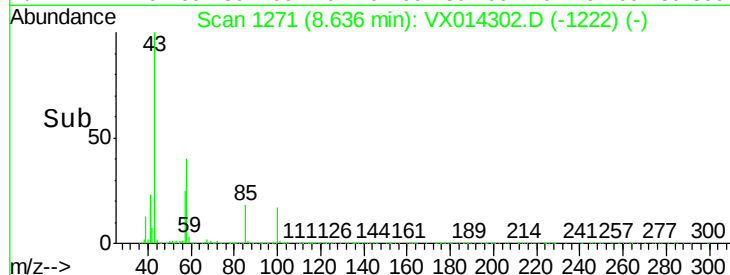
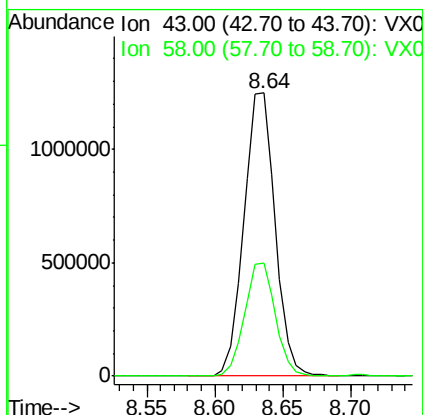
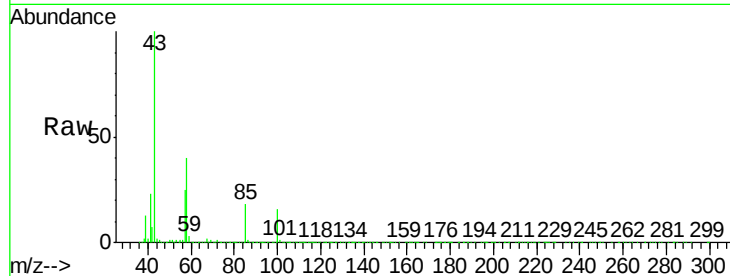




#51
 4-Methyl-2-Pentanone
 Concen: 247.374 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

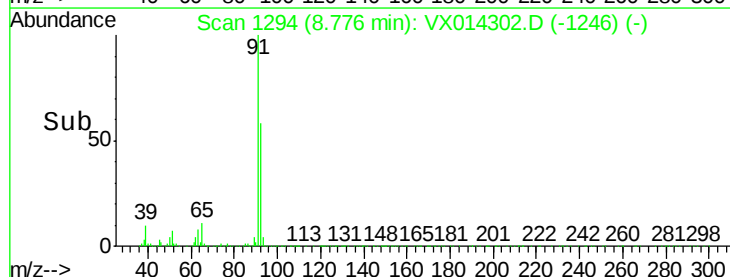
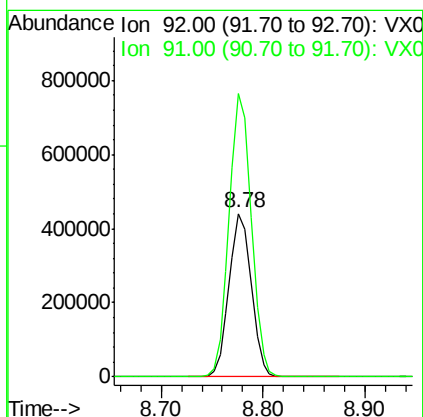
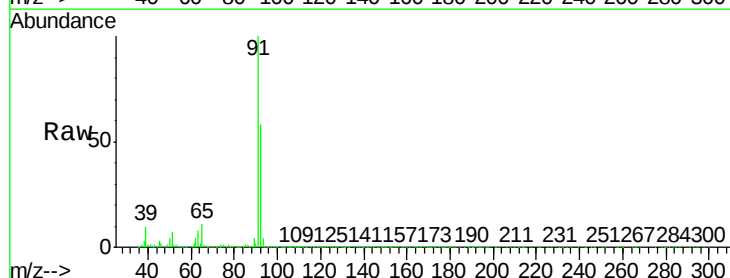
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2003693
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.2 48.2



#52
 Toluene
 Concen: 48.479 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion: 92 Resp: 665377
 Ion Ratio Lower Upper
 92 100
 91 173.0 136.2 204.4

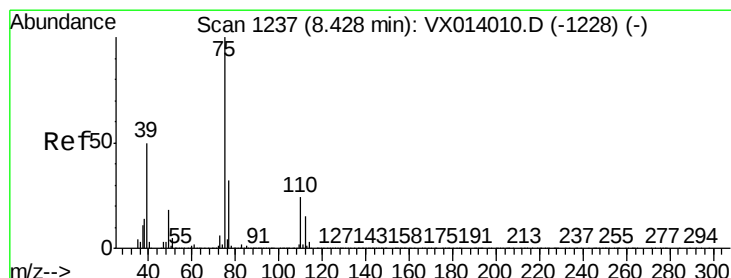
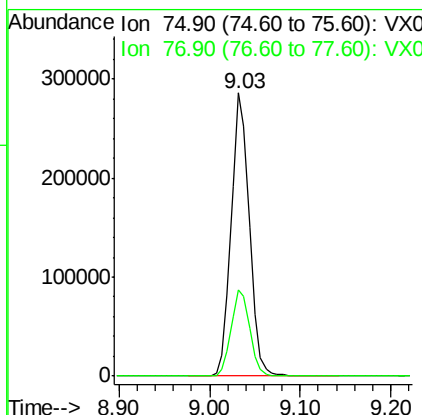
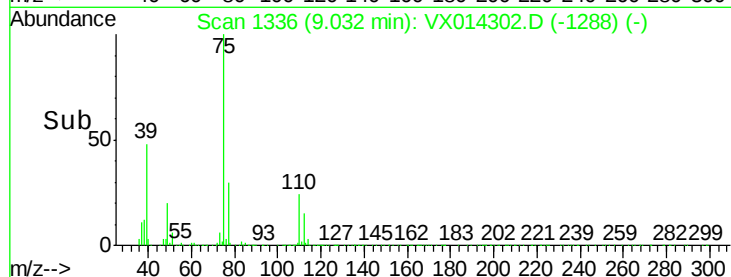
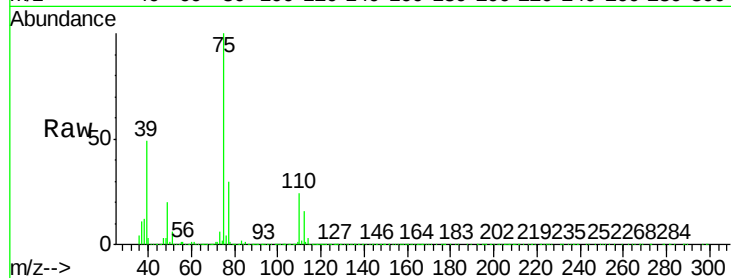




#53
t-1,3-Dichloropropene
Concen: 52.175 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

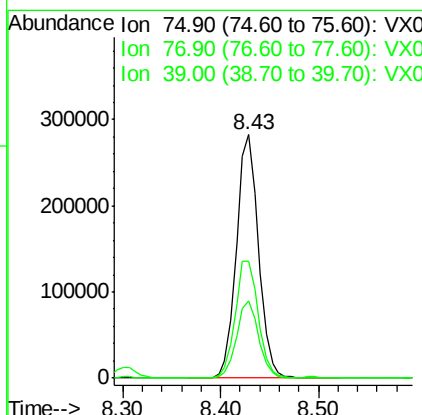
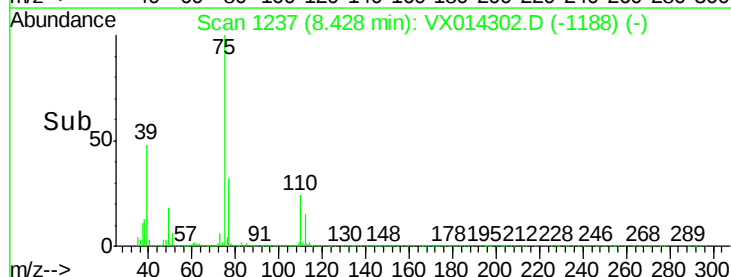
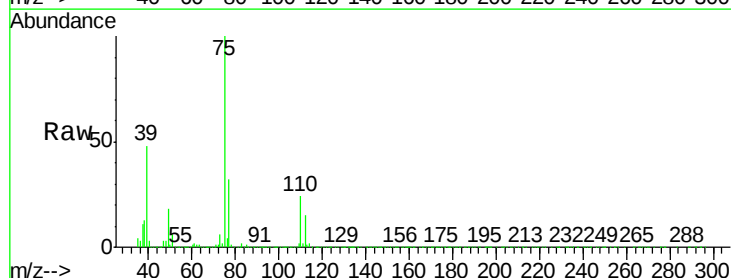
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 396477
Ion Ratio Lower Upper
75 100
77 30.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 52.242 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 75 Resp: 442272
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 48.1 39.9 59.9

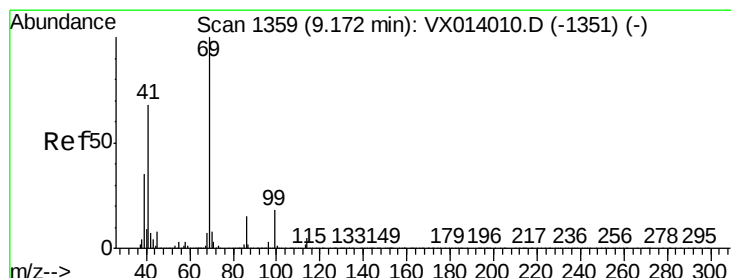
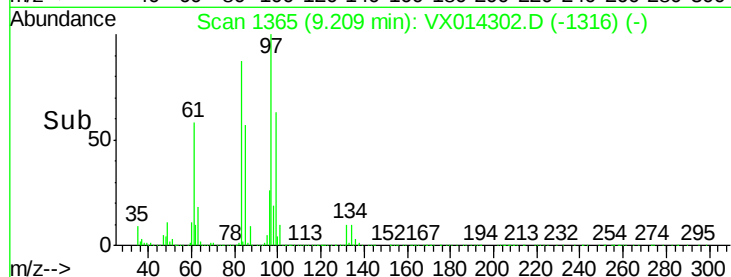
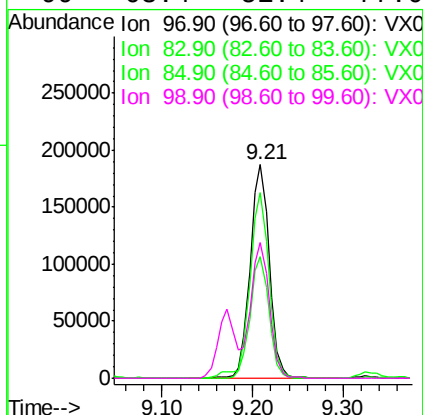
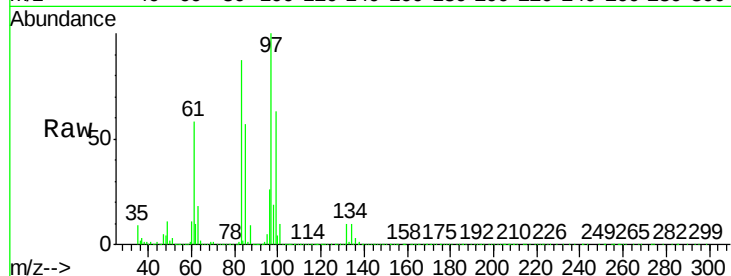




#55
 1,1,2-Trichloroethane
 Concen: 49.733 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

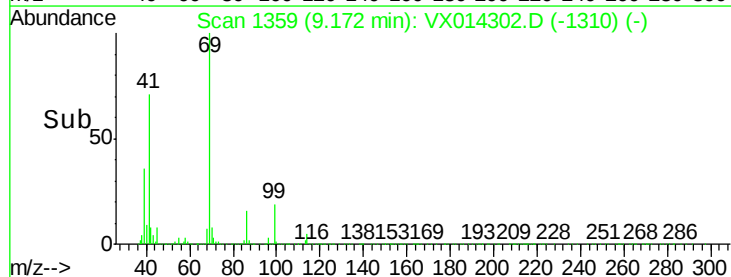
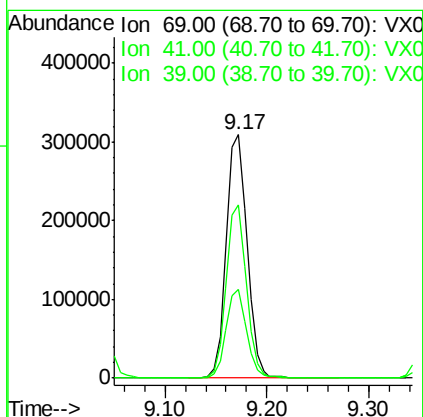
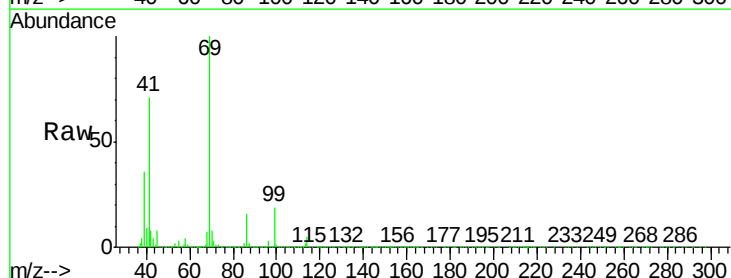
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

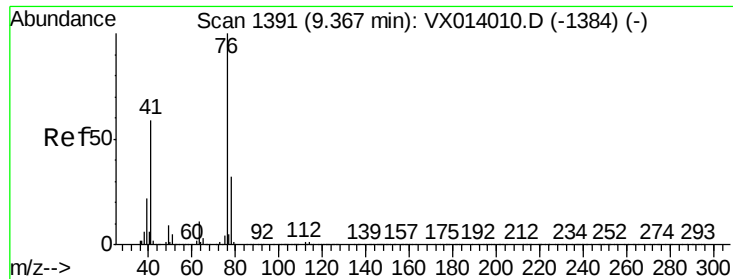
Tgt Ion:	97	Resp:	273574
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.2	102.4
85	57.1	44.6	66.8
99	63.4	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 50.528 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion:	69	Resp:	436608
Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.8	82.2
39	35.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.919 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

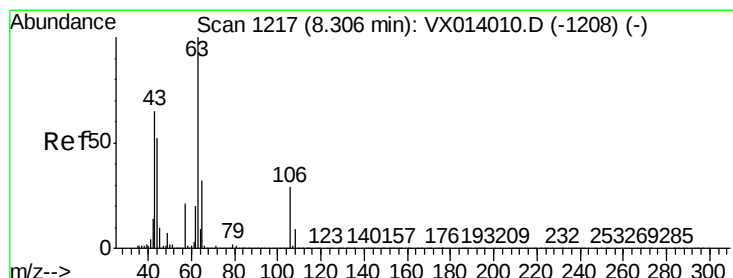
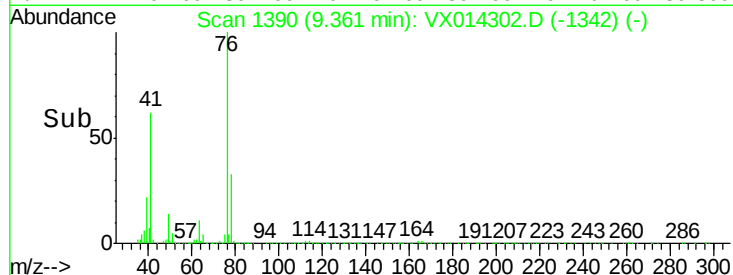
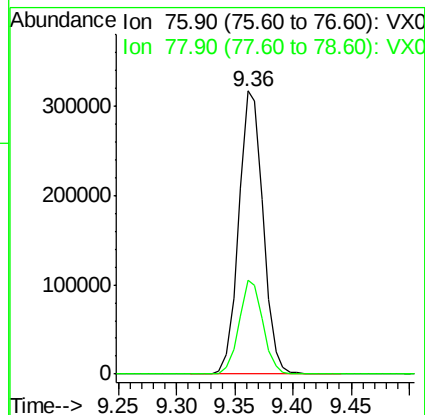
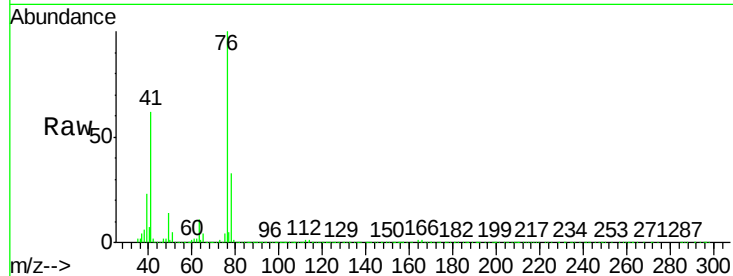
VSTDCCC050

Tgt Ion: 76 Resp: 462008

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 274.920 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014302.D

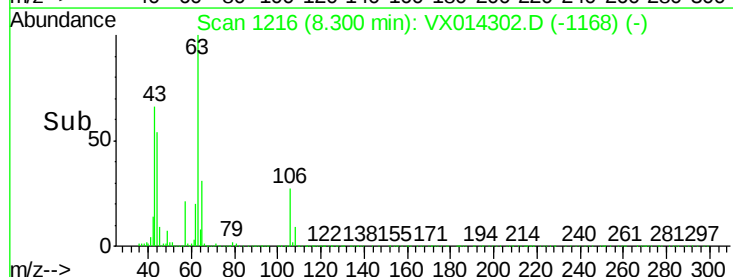
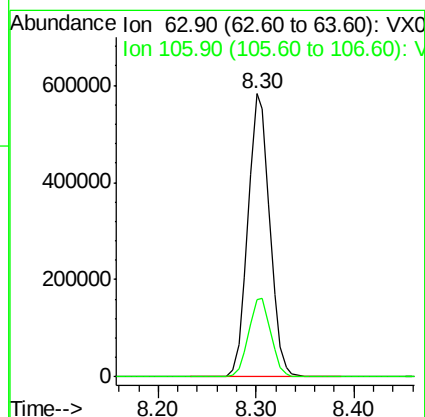
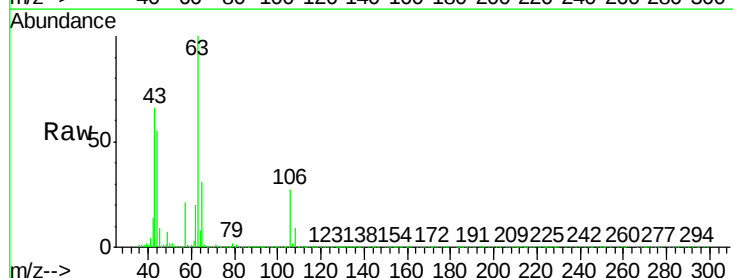
Acq: 27 Dec 2019 12:03

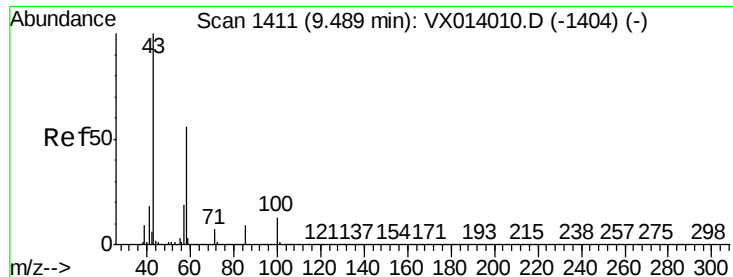
Tgt Ion: 63 Resp: 899003

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6

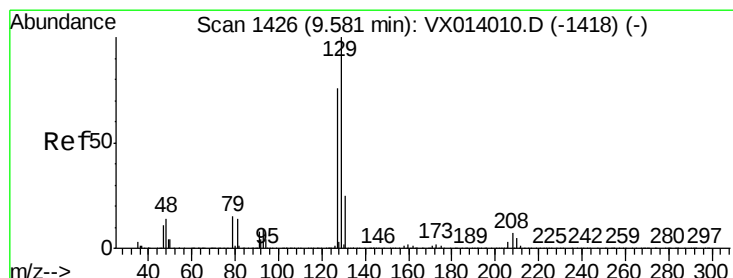
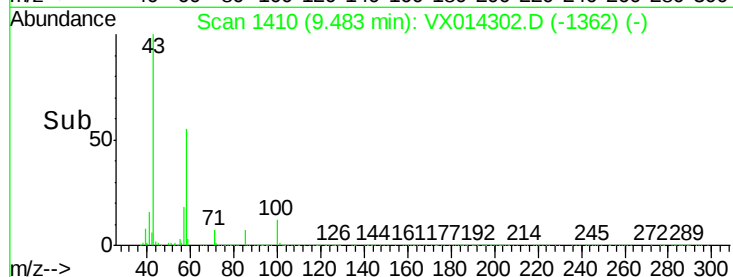
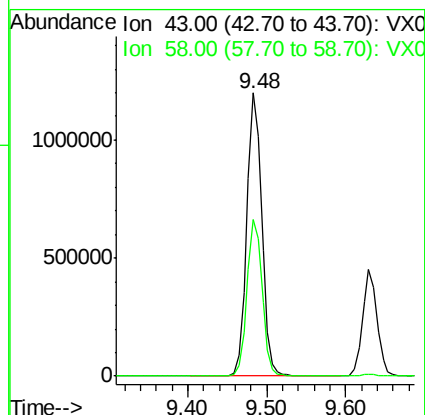
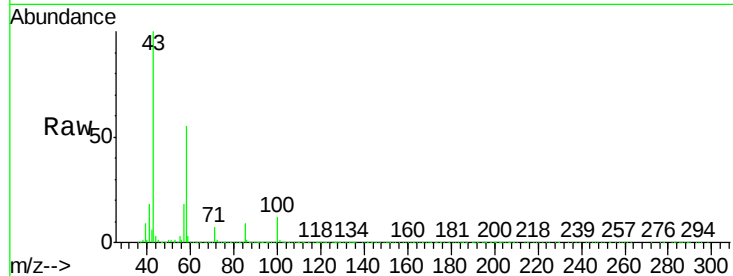




#59
2-Hexanone
Concen: 243.392 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

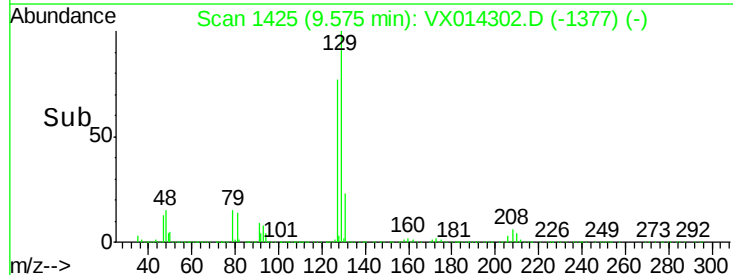
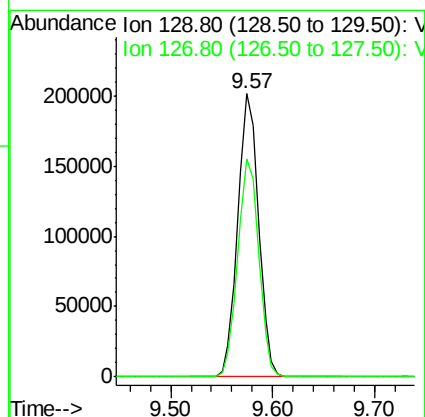
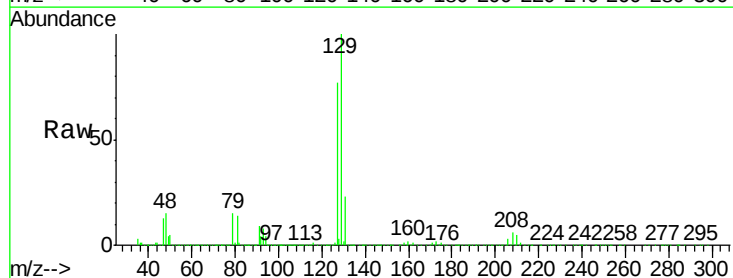
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

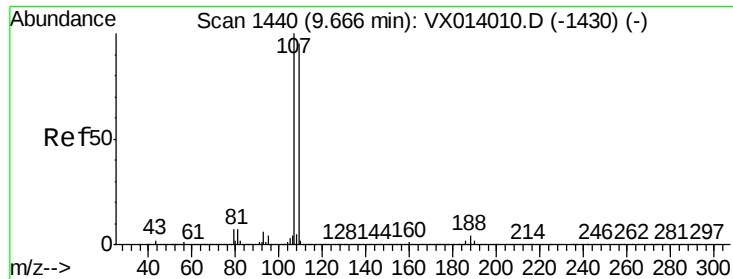
Tgt Ion: 43 Resp: 1587018
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0



#60
Dibromochloromethane
Concen: 51.776 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 129 Resp: 283107
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.124 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

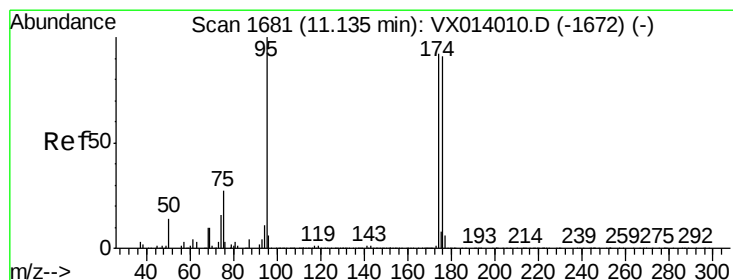
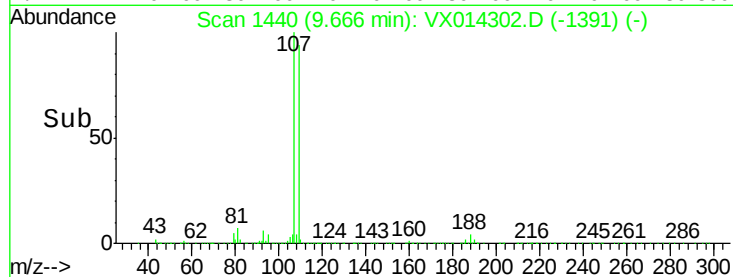
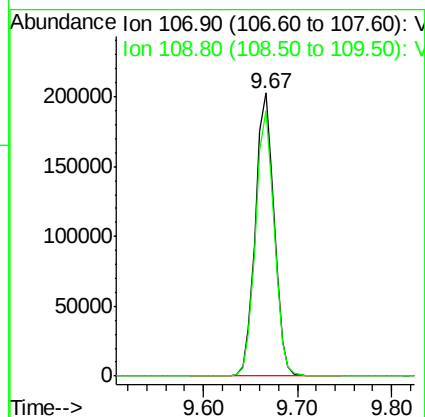
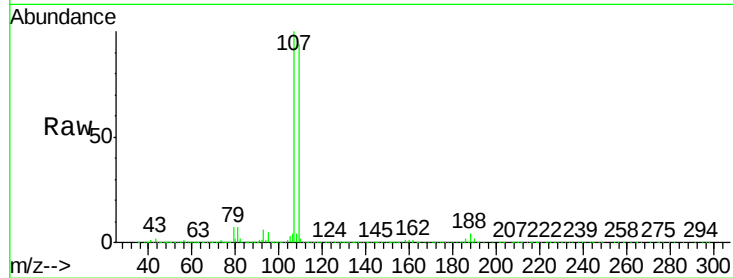
VSTDCCC050

Tgt Ion: 107 Resp: 282109

Ion Ratio Lower Upper

107 100

109 93.9 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 49.107 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

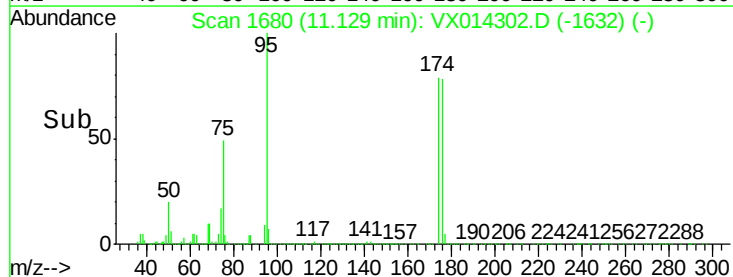
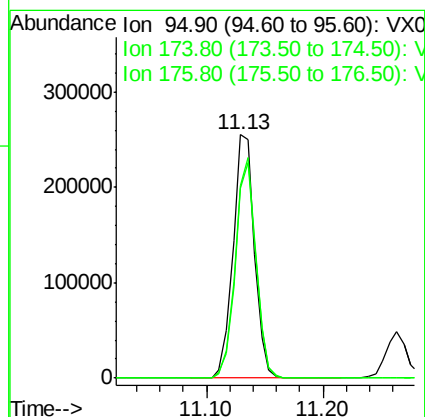
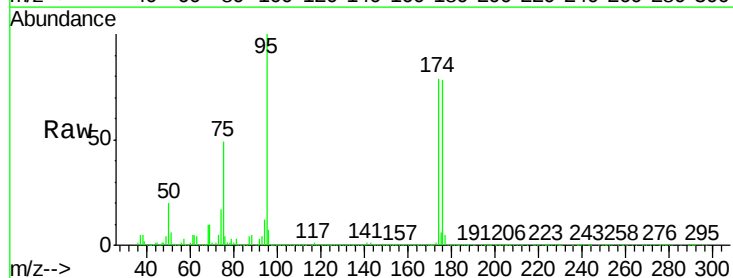
Tgt Ion: 95 Resp: 326756

Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

176 85.4 0.0 173.0

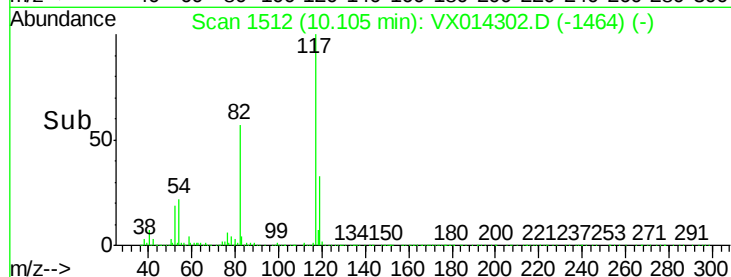
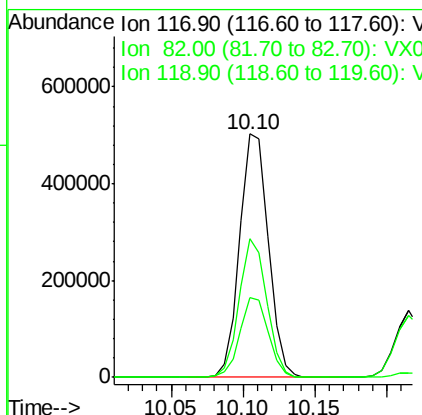
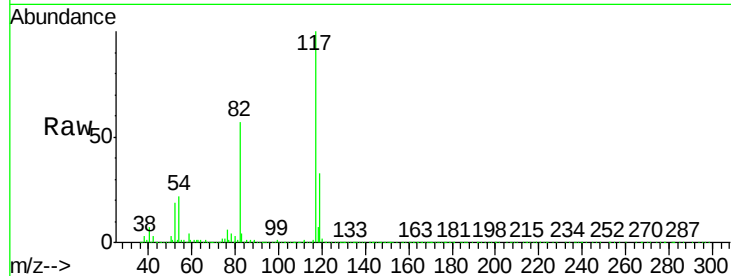




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

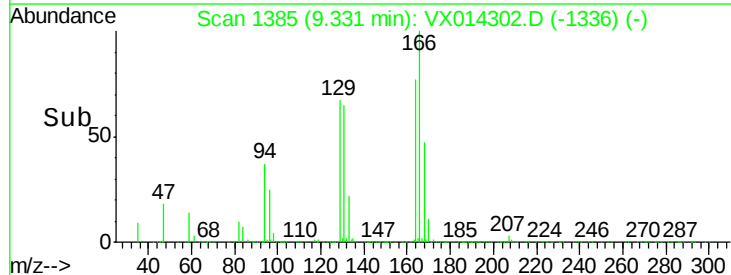
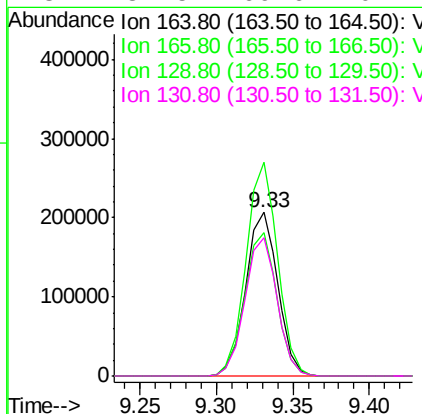
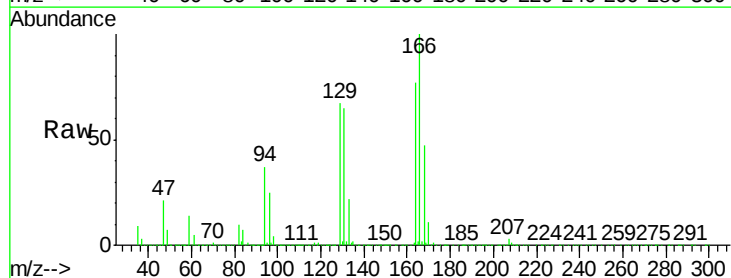
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

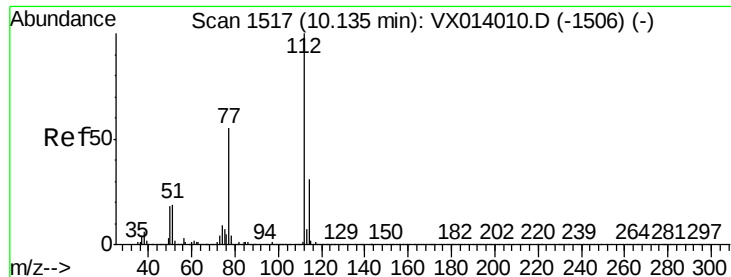
Tgt Ion:117 Resp: 696368
Ion Ratio Lower Upper
117 100
82 56.9 42.2 63.4
119 32.8 25.1 37.7



#64
Tetrachloroethene
Concen: 48.932 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion:164 Resp: 301519
Ion Ratio Lower Upper
164 100
166 130.6 104.0 156.0
129 87.8 72.2 108.4
131 84.5 69.6 104.4

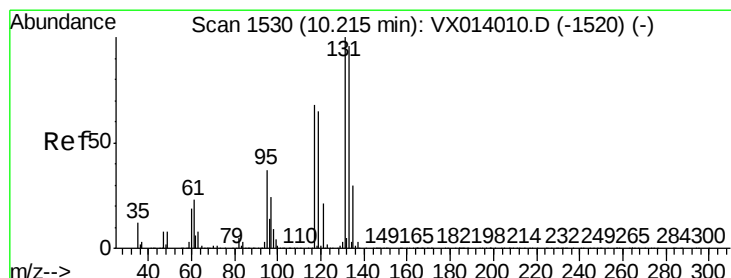
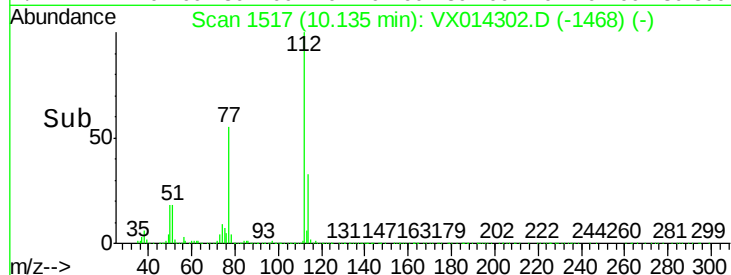
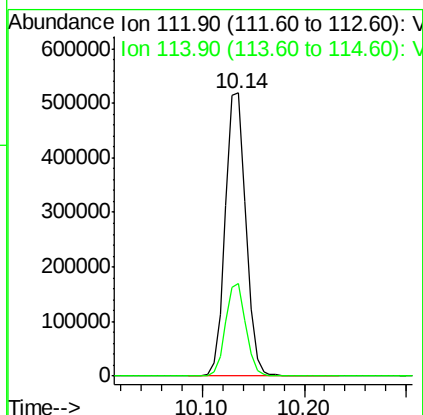
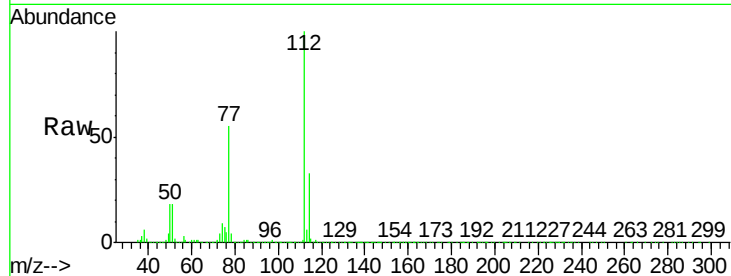




#65
Chlorobenzene
Concen: 48.861 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

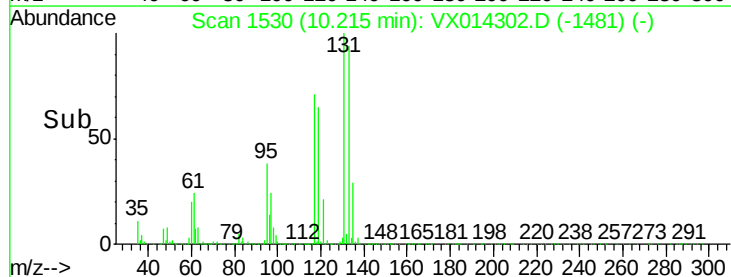
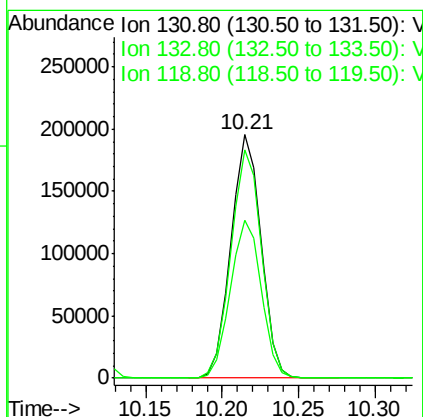
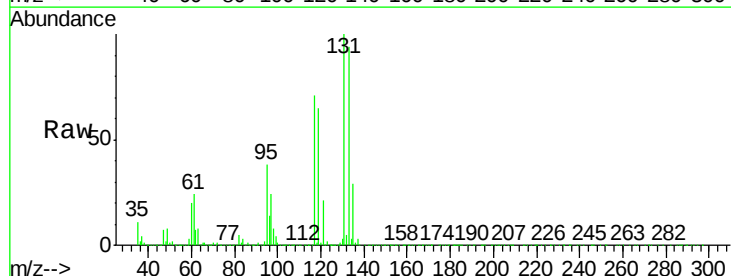
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

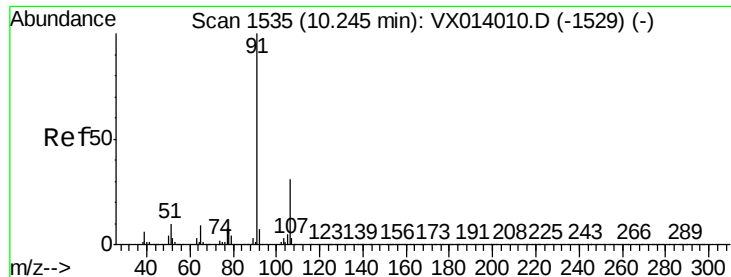
Tgt Ion:112 Resp: 723465
Ion Ratio Lower Upper
112 100
114 32.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.446 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion:131 Resp: 266696
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 66.3 33.4 100.2





#67

Ethyl Benzene

Concen: 50.318 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

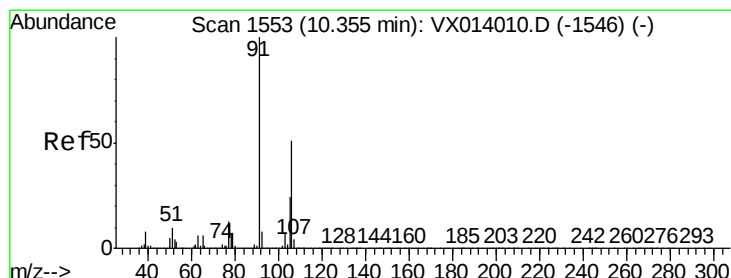
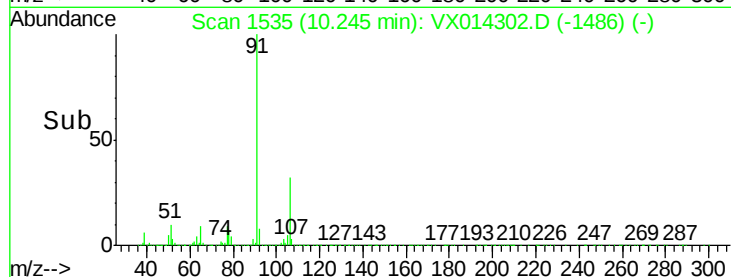
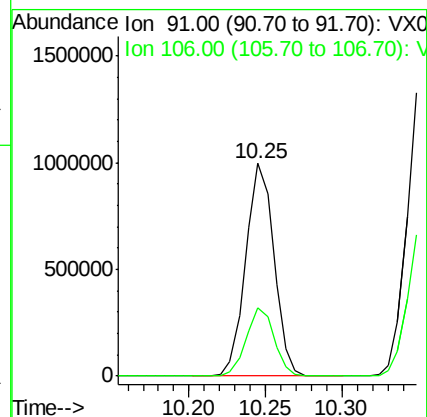
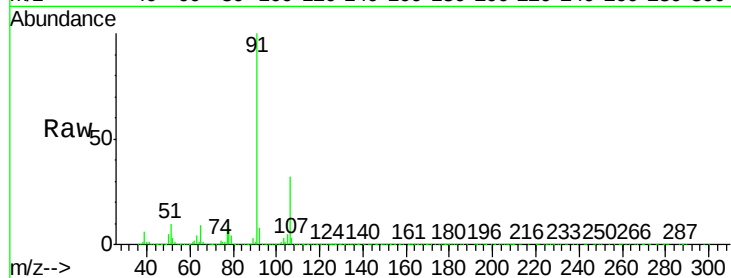
VSTDCCC050

Tgt Ion: 91 Resp: 1280881

Ion Ratio Lower Upper

91 100

106 32.2 25.0 37.6



#68

m/p-Xylenes

Concen: 100.741 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014302.D

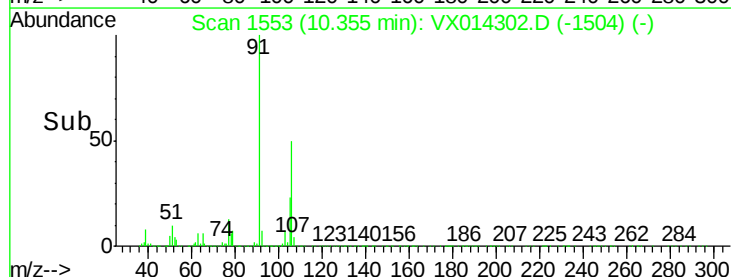
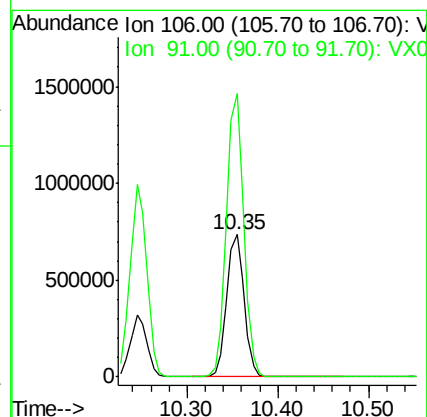
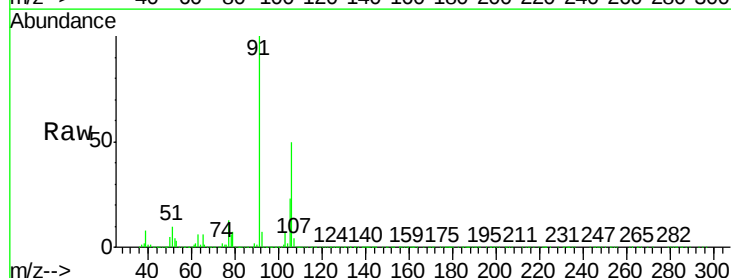
Acq: 27 Dec 2019 12:03

Tgt Ion: 106 Resp: 986317

Ion Ratio Lower Upper

106 100

91 197.6 158.6 238.0

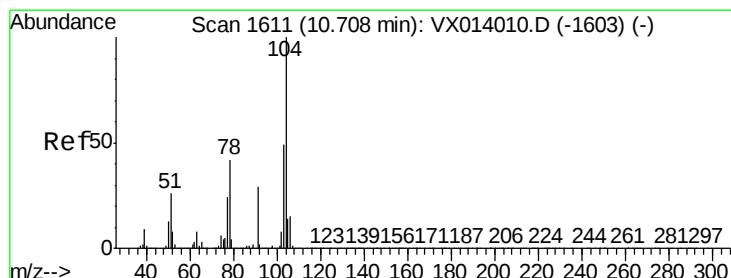
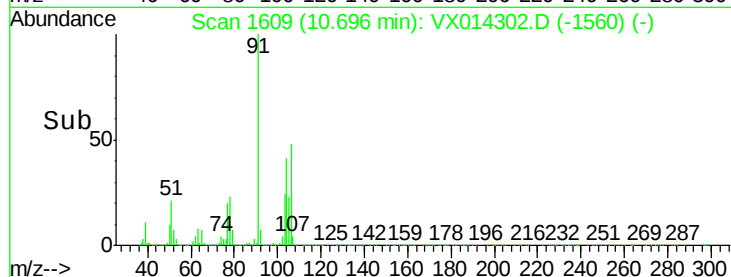
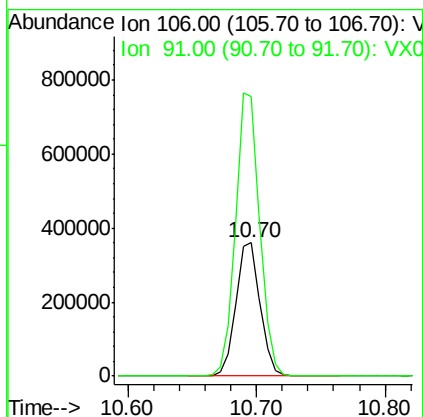
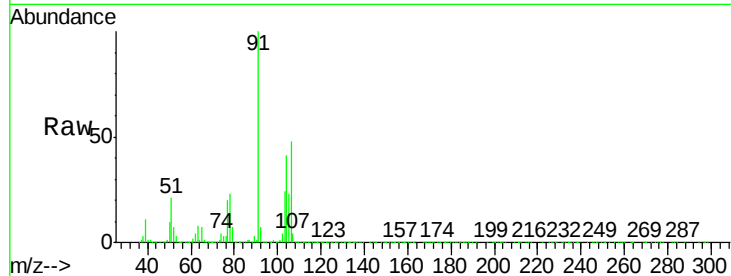




#69
o-Xylene
Concen: 49.004 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

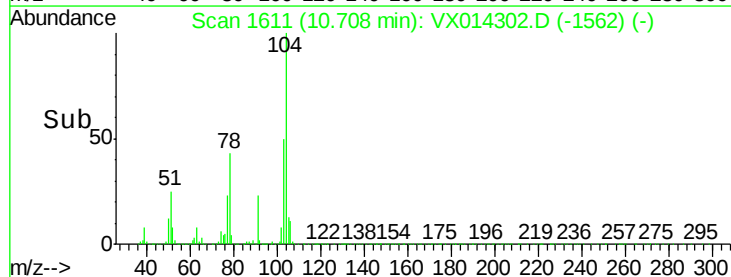
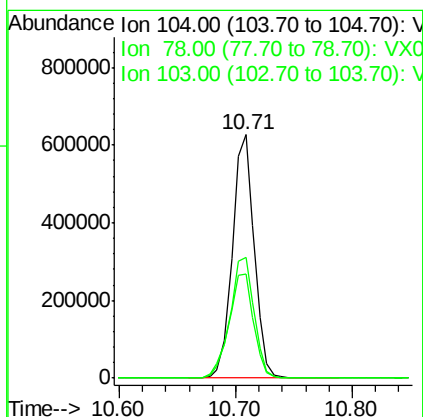
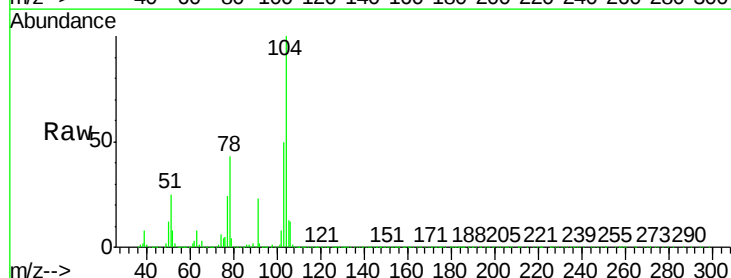
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

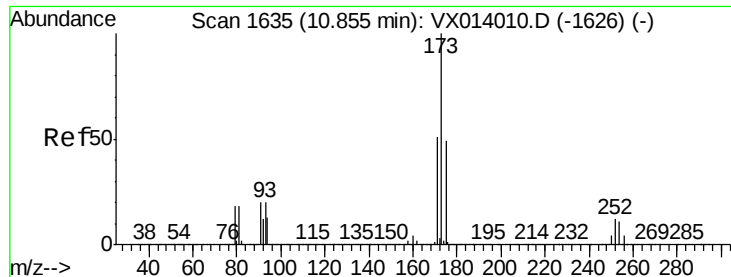
Tgt Ion:106 Resp: 470550
Ion Ratio Lower Upper
106 100
91 211.9 104.2 312.6



#70
Styrene
Concen: 50.245 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion:104 Resp: 815836
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.6 42.9 64.3

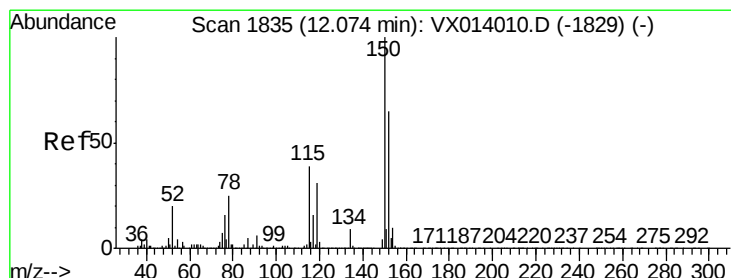
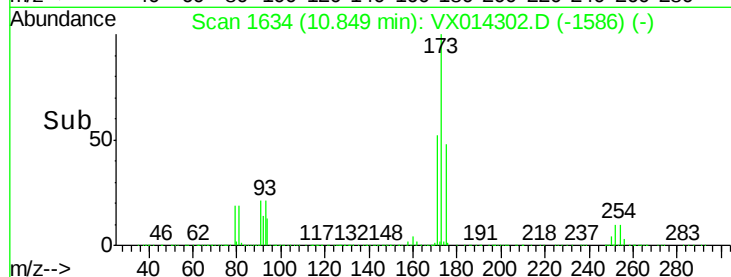
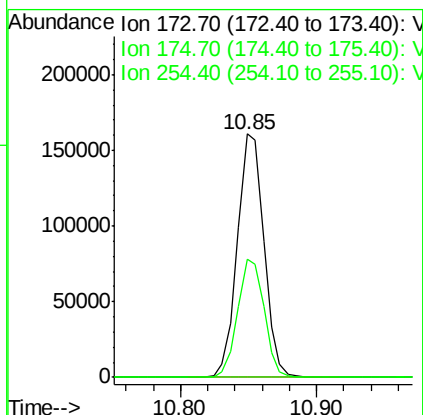
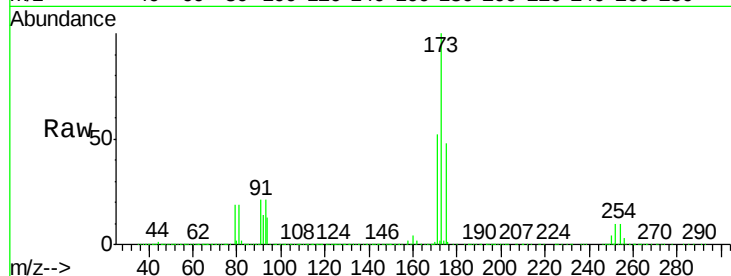




#71
Bromoform
Concen: 51.690 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

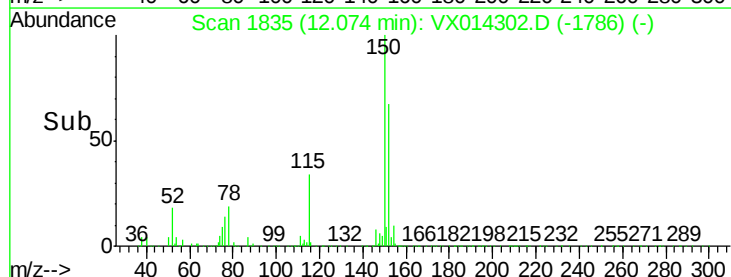
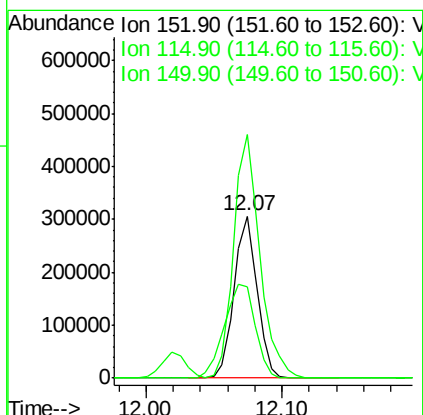
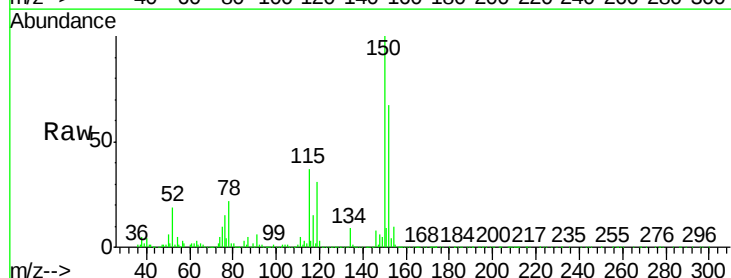
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

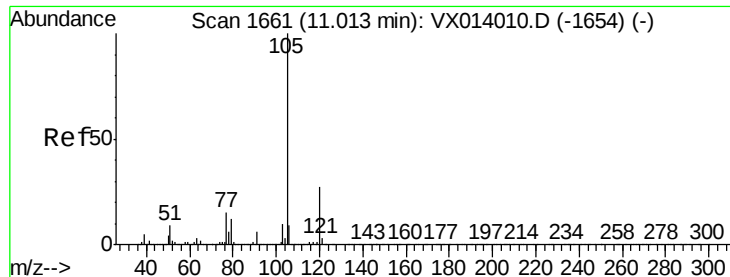
Tgt Ion:173 Resp: 219667
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.4
254 0.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion:152 Resp: 361319
Ion Ratio Lower Upper
152 100
115 77.8 38.3 114.9
150 170.1 0.0 345.4





#73

Isopropylbenzene

Concen: 49.579 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

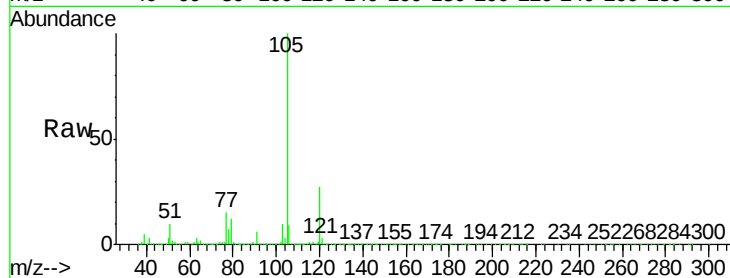
VSTDCCC050

Tgt Ion: 105 Resp: 1261263

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

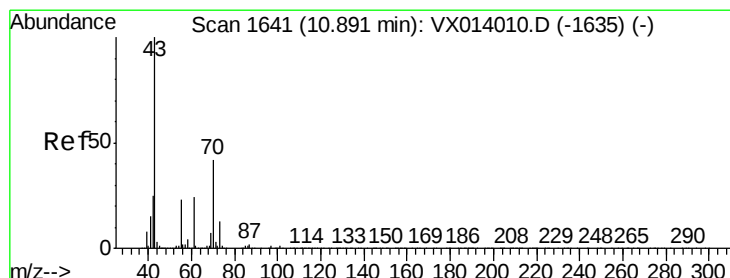
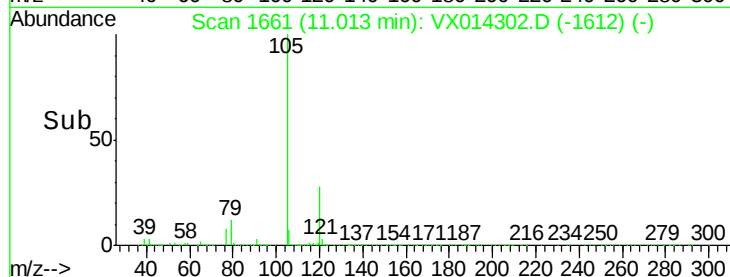
400000

200000

0

11.01

Time-->



#74

N-ethyl acetate

Concen: 48.460 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Tgt Ion: 43 Resp: 577863

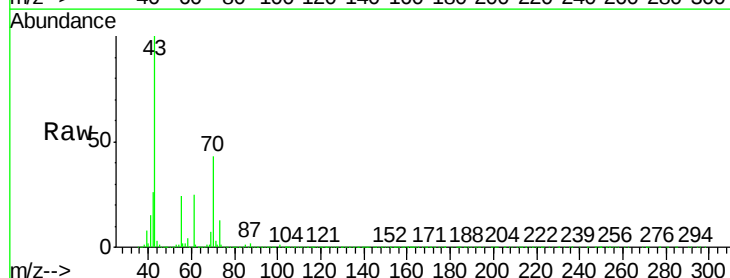
Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 23.9 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

800000

600000

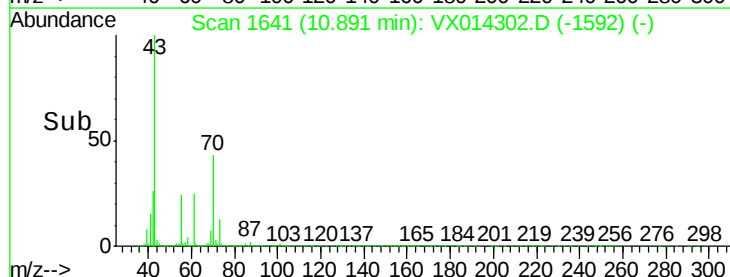
400000

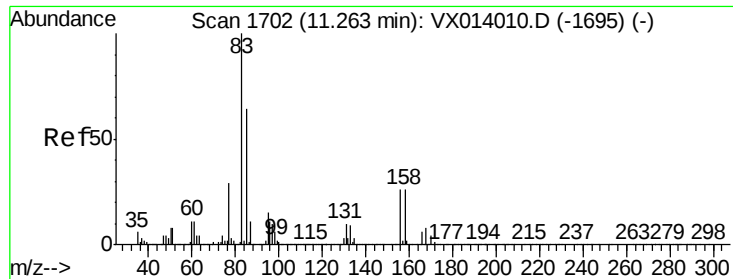
200000

0

10.89

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.772 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

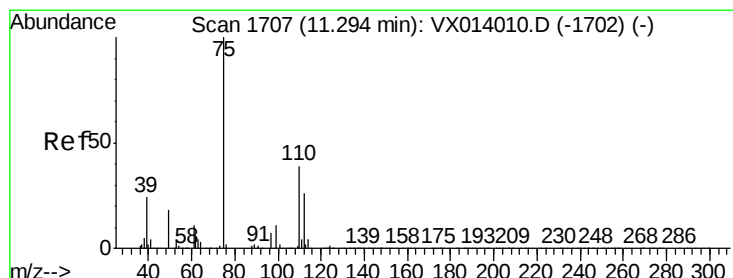
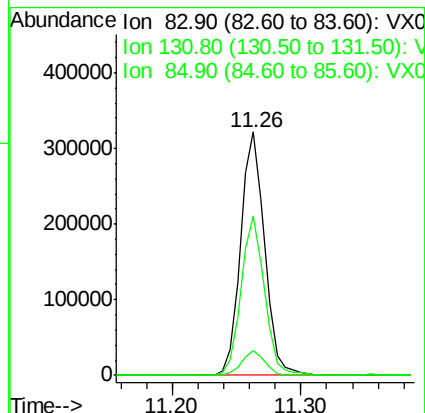
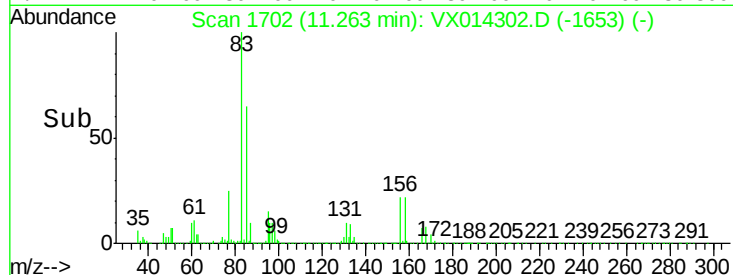
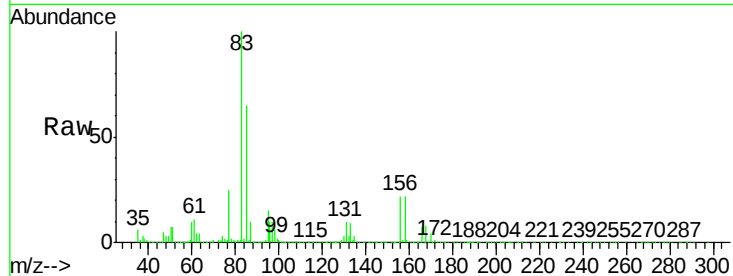
Tgt Ion: 83 Resp: 412518

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

85 64.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 60.786 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014302.D

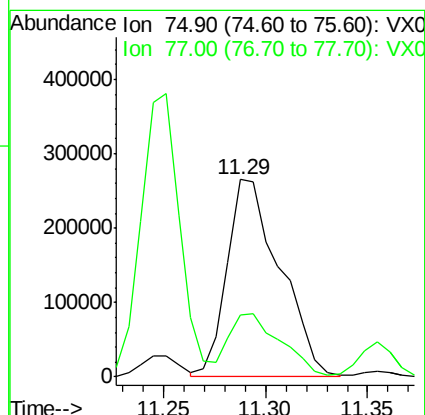
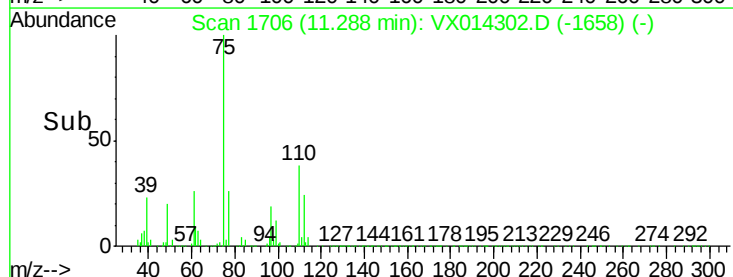
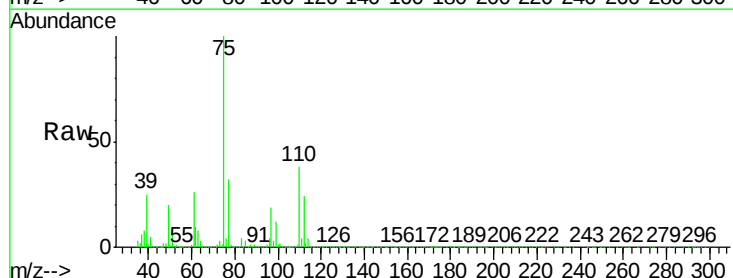
Acq: 27 Dec 2019 12:03

Tgt Ion: 75 Resp: 476813

Ion Ratio Lower Upper

75 100

77 31.1 19.3 57.8





#77

Bromobenzene

Concen: 46.028 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

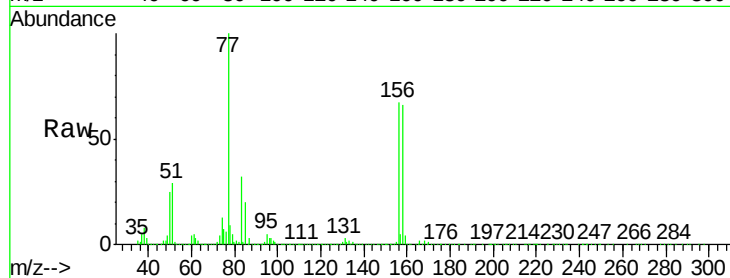
Tgt Ion: 156 Resp: 322167

Ion Ratio Lower Upper

156 100

77 156.4 76.5 229.5

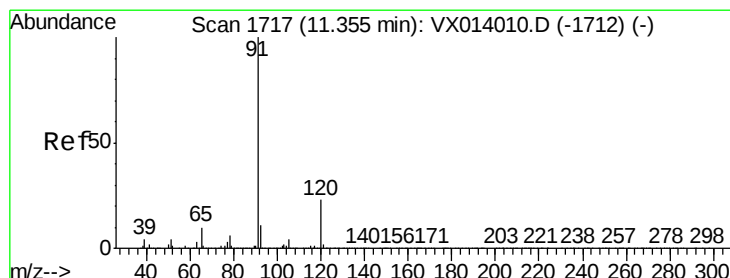
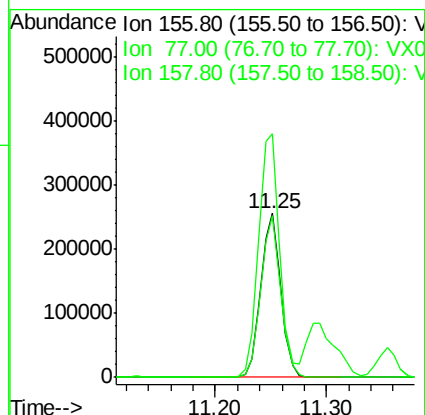
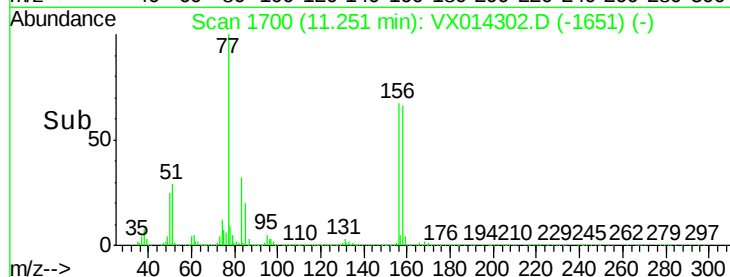
158 97.6 49.3 147.9



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: 51.365 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014302.D

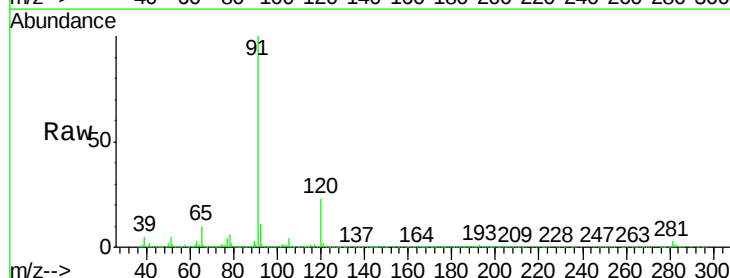
Acq: 27 Dec 2019 12:03

Tgt Ion: 91 Resp: 1465712

Ion Ratio Lower Upper

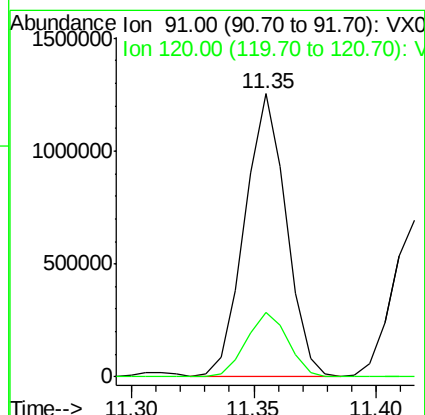
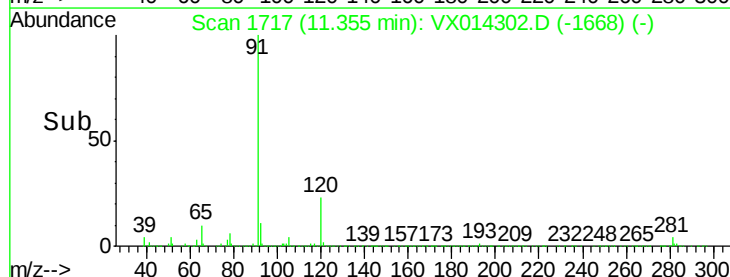
91 100

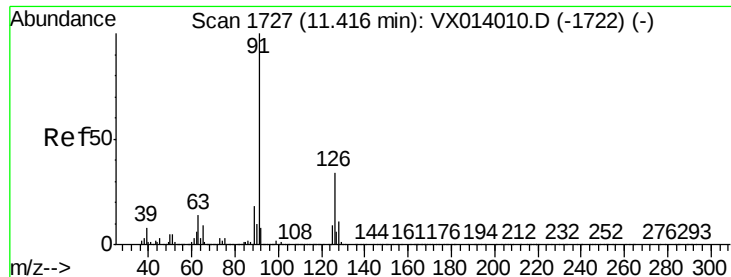
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

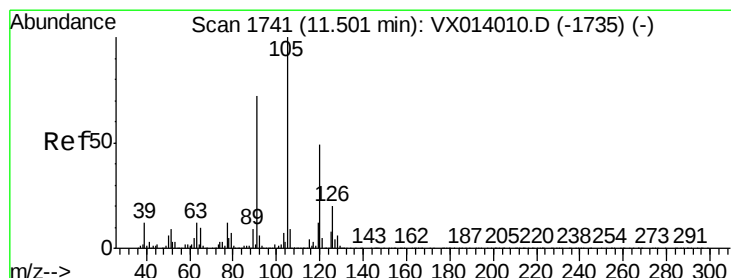
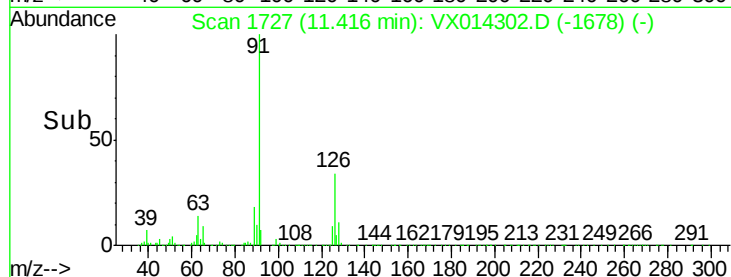
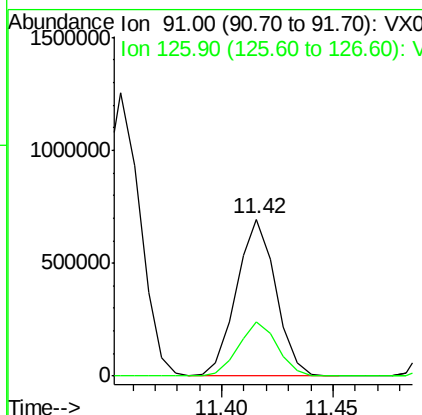
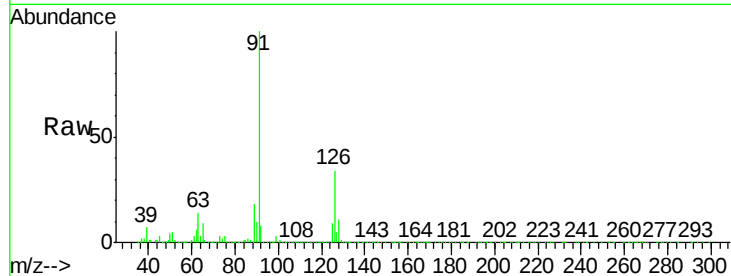




#79
2-Chlorotoluene
Concen: 48.954 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

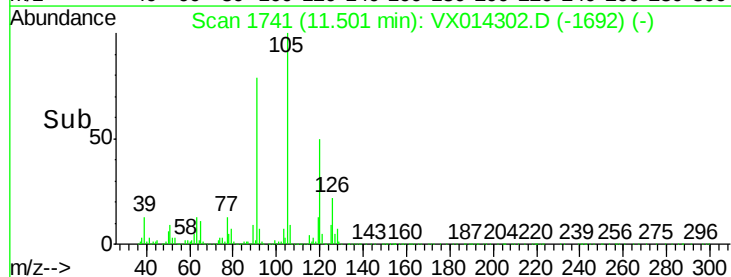
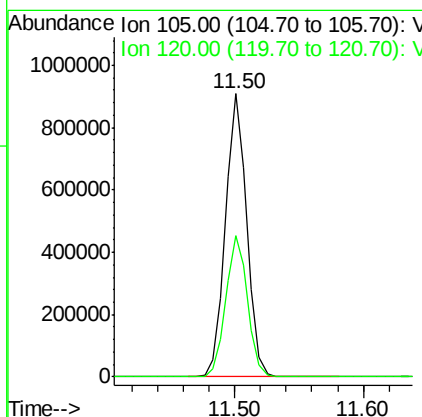
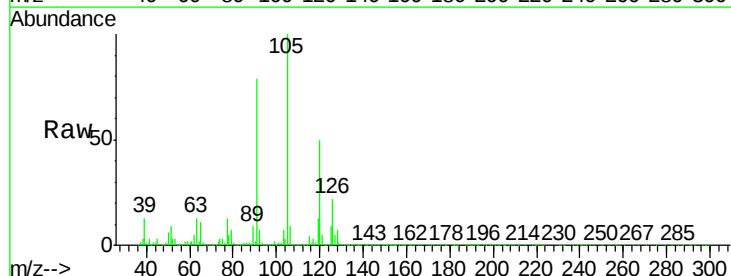
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 849140
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 49.539 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 105 Resp: 1060635
Ion Ratio Lower Upper
105 100
120 50.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.782 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

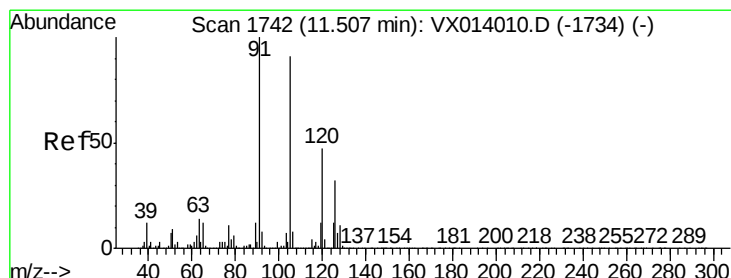
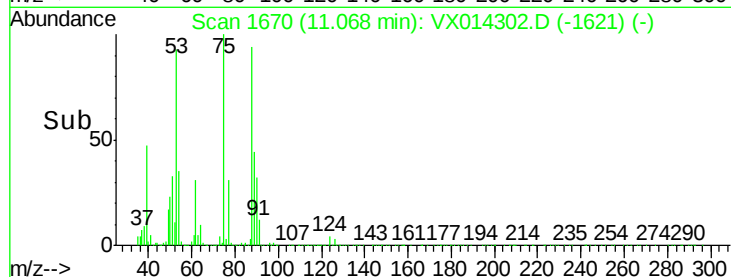
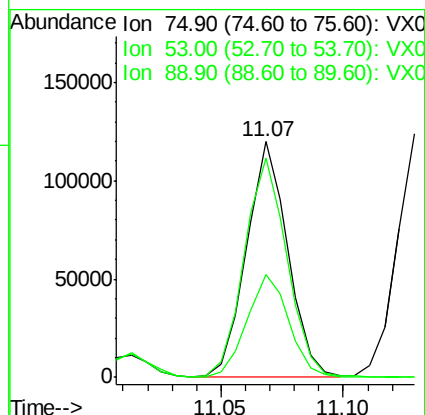
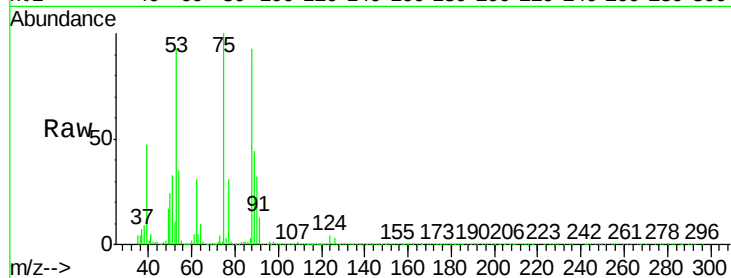
Tgt Ion: 75 Resp: 138352

Ion Ratio Lower Upper

75 100

53 97.3 76.7 115.1

89 45.5 34.6 51.8



#82

4-Chlorotoluene

Concen: 48.860 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014302.D

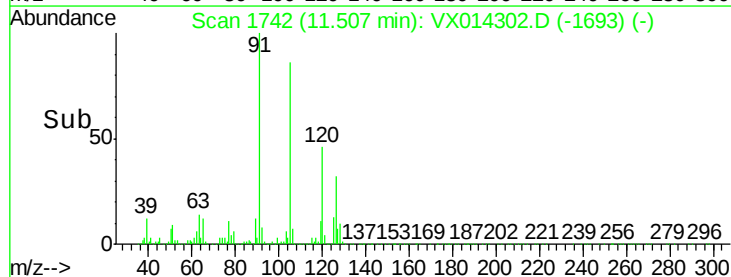
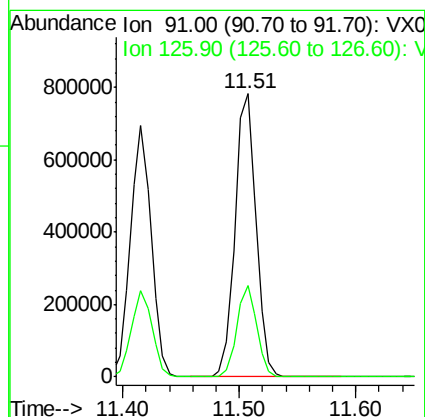
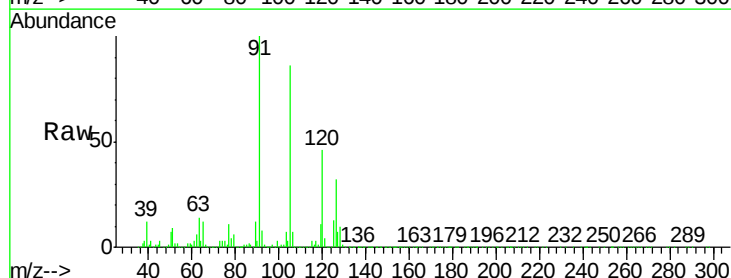
Acq: 27 Dec 2019 12:03

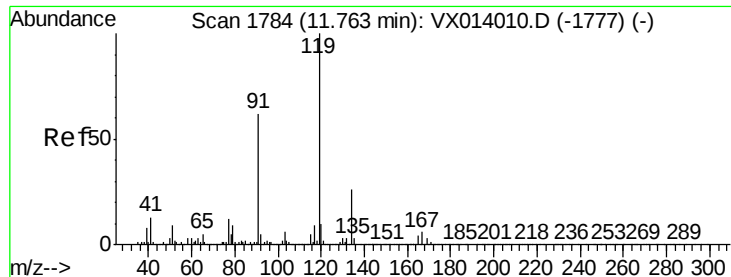
Tgt Ion: 91 Resp: 983077

Ion Ratio Lower Upper

91 100

126 30.7 15.6 46.8

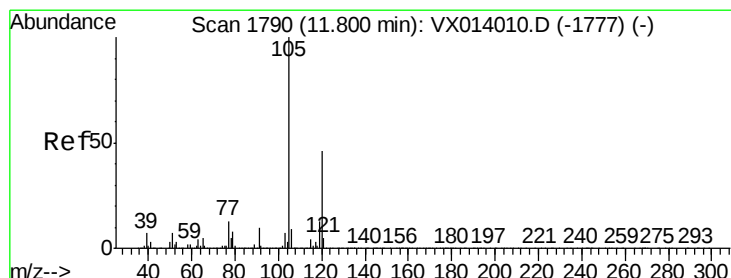
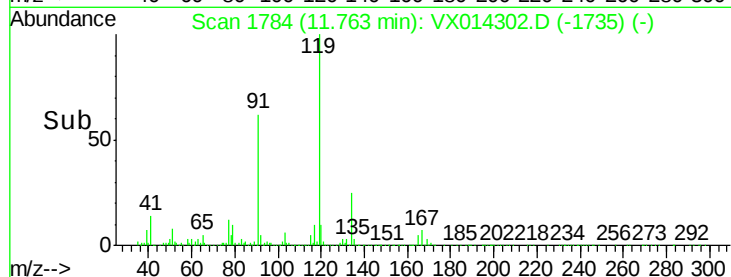
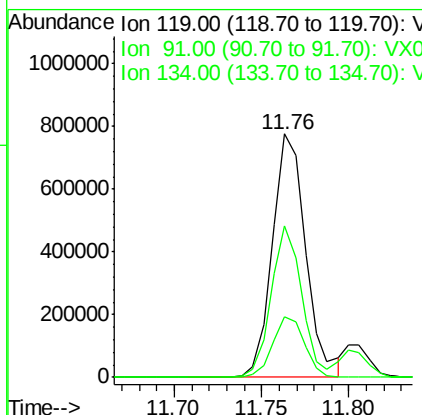
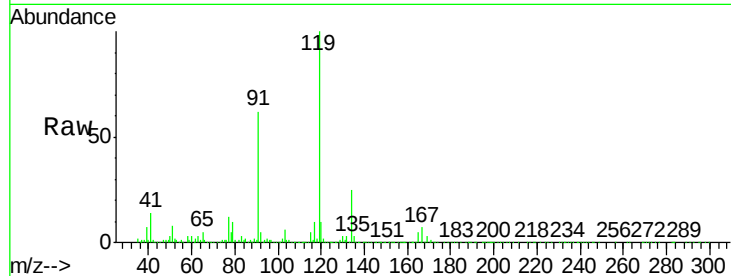




#83
tert-Butylbenzene
Concen: 49.401 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

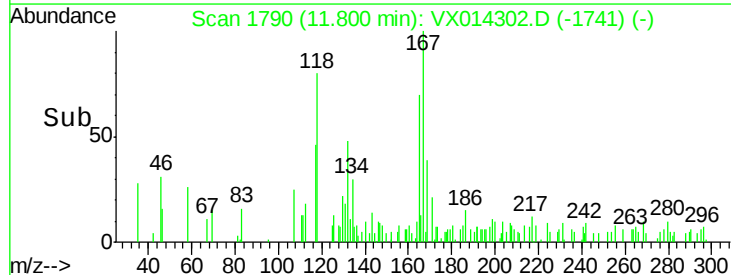
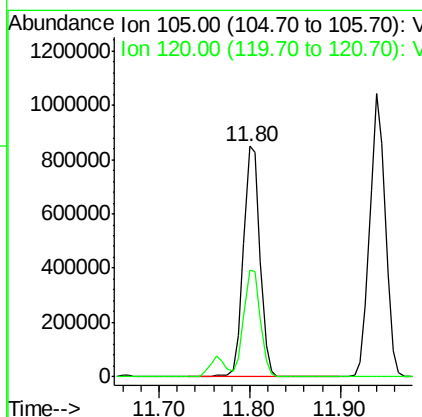
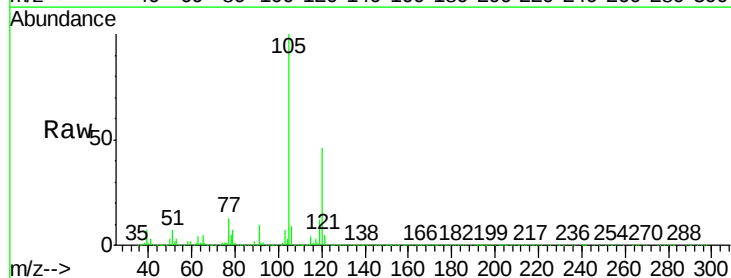
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

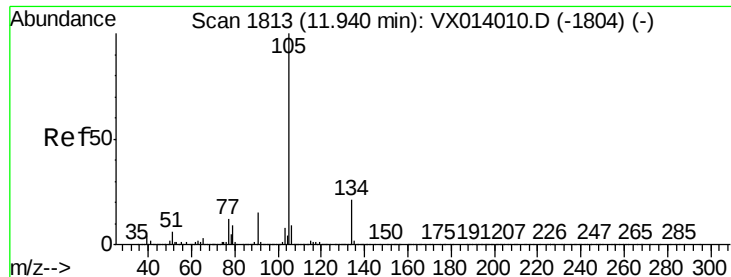
Tgt Ion:119 Resp: 1029302
Ion Ratio Lower Upper
119 100
91 56.6 28.5 85.6
134 24.0 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 49.956 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion:105 Resp: 1071108
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.657 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

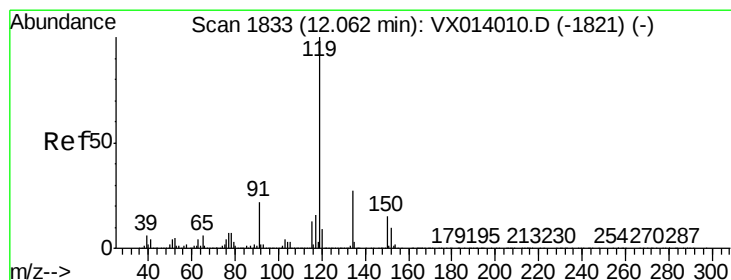
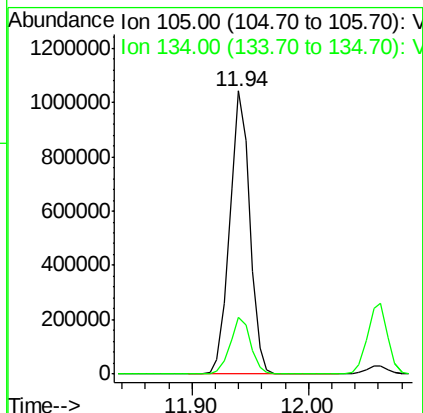
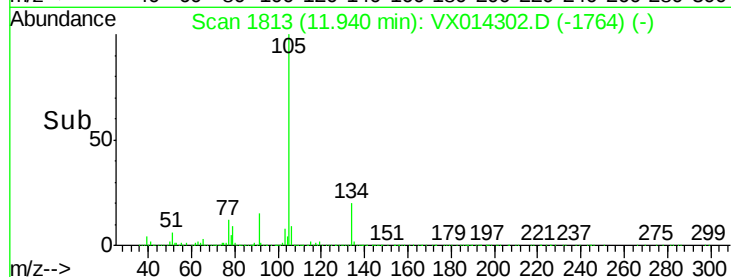
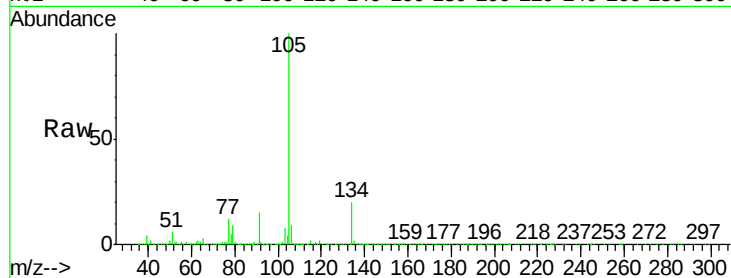
VSTDCCC050

Tgt Ion:105 Resp: 1245994

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.181 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

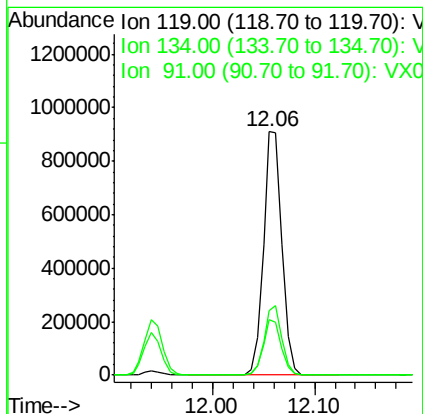
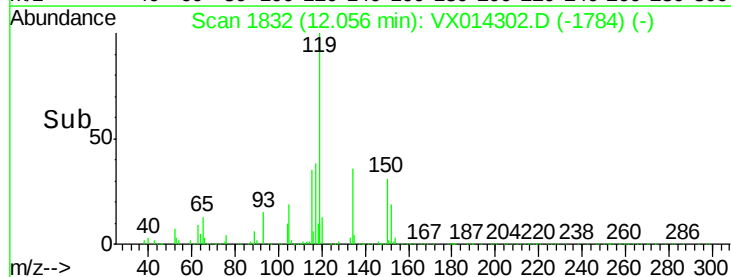
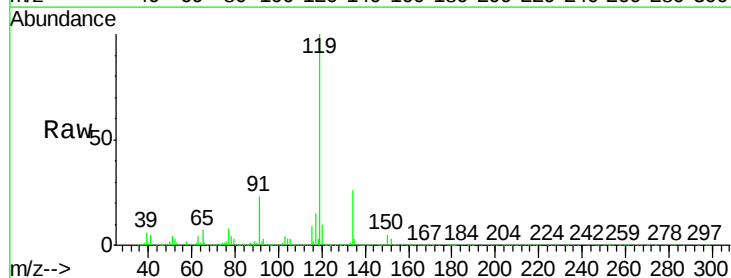
Tgt Ion:119 Resp: 1151562

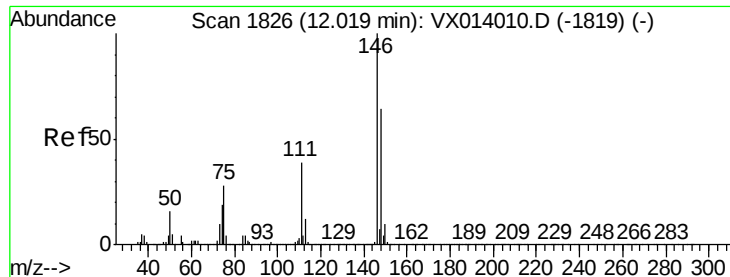
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.3 11.4 34.1

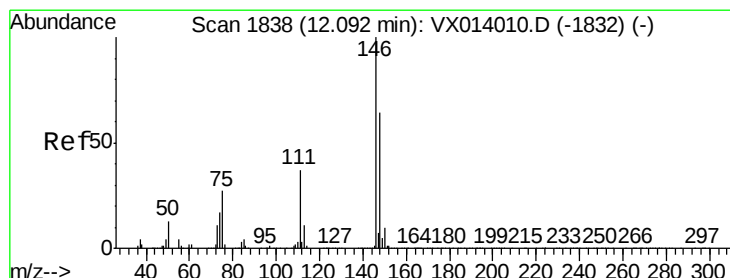
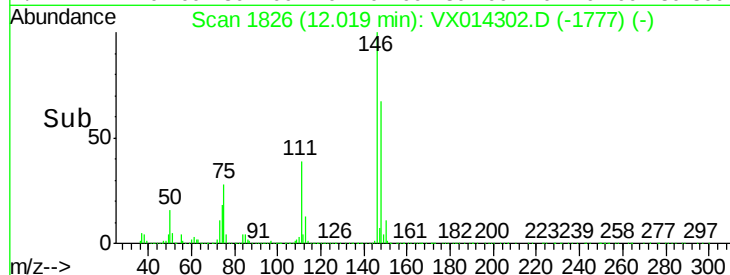
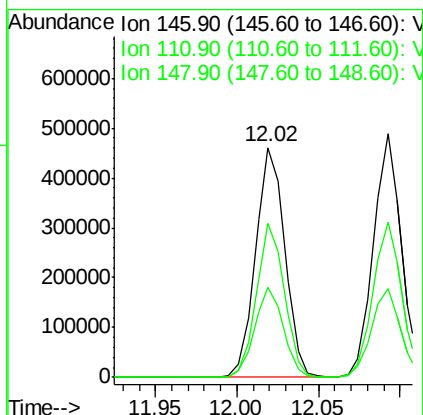
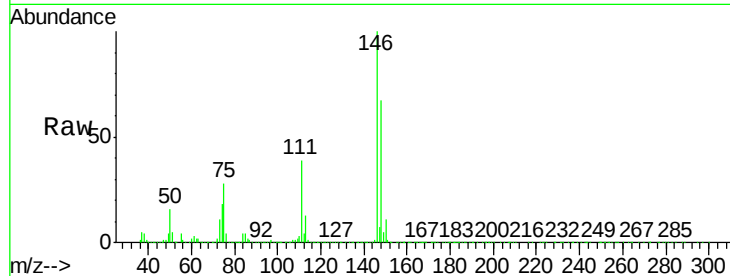




#87
 1,3-Dichlorobenzene
 Concen: 47.033 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

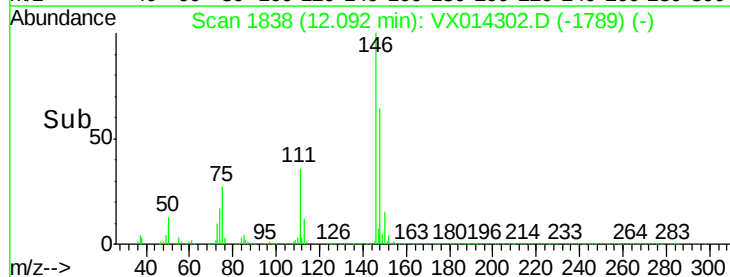
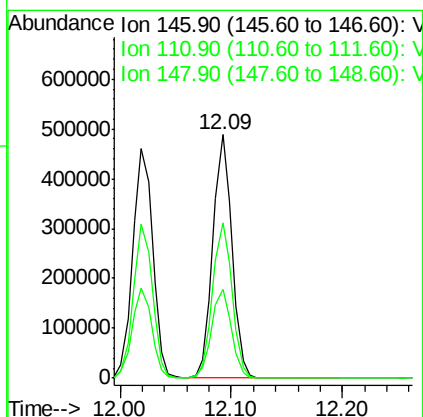
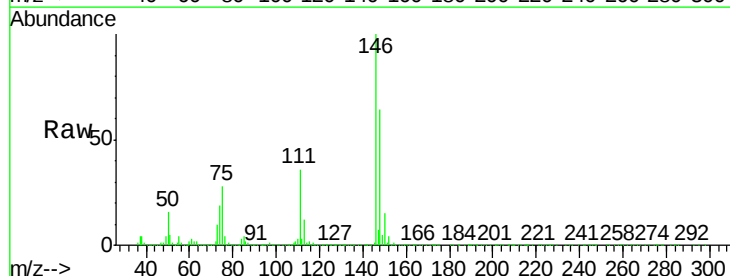
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 576954
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.1
 148 64.5 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 46.690 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion:146 Resp: 582380
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 65.2 31.9 95.9

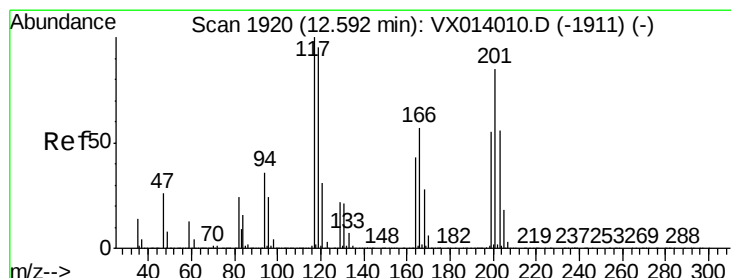
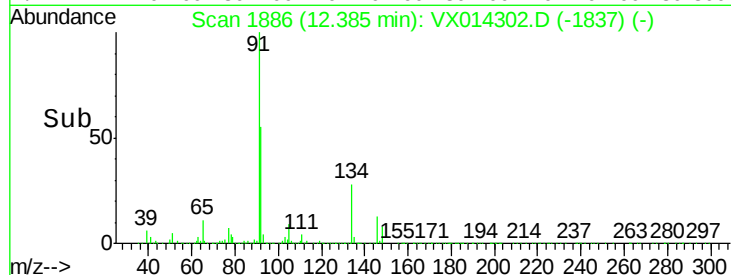
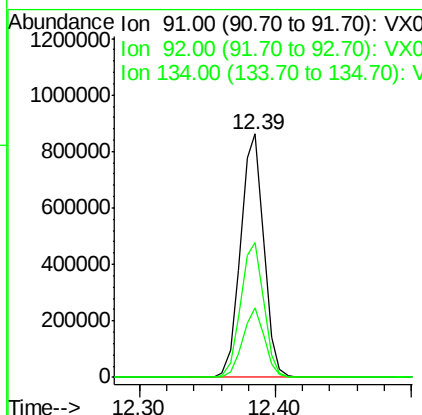
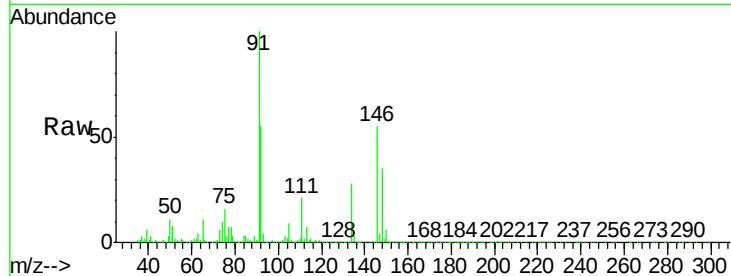




#89
n-Butylbenzene
Concen: 52.906 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

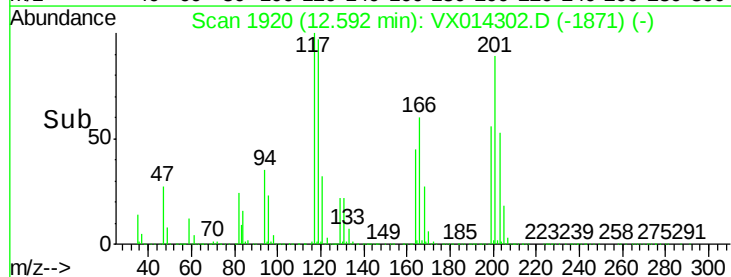
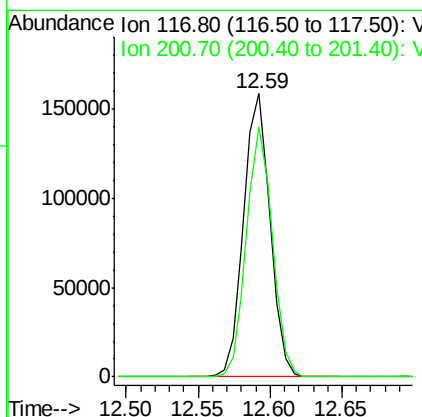
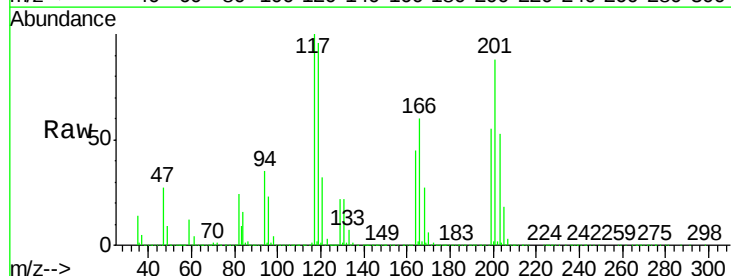
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

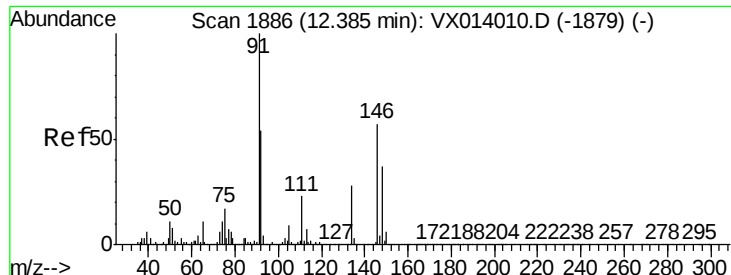
Tgt Ion: 91 Resp: 1015702
Ion Ratio Lower Upper
91 100
92 55.2 27.2 81.6
134 26.8 13.4 40.1



#90
Hexachloroethane
Concen: 49.728 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion: 117 Resp: 200969
Ion Ratio Lower Upper
117 100
201 87.0 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 46.883 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

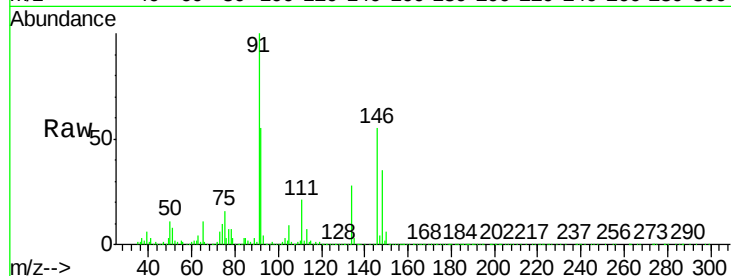
Tgt Ion:146 Resp: 578948

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

148 63.9 32.1 96.5

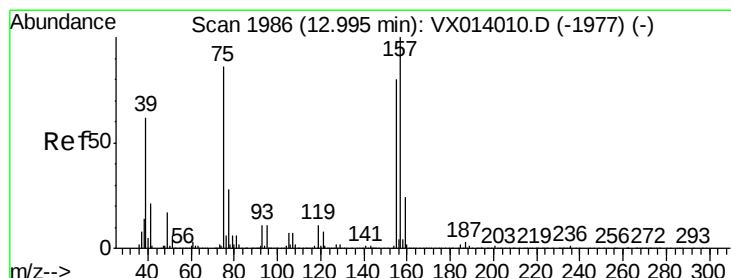
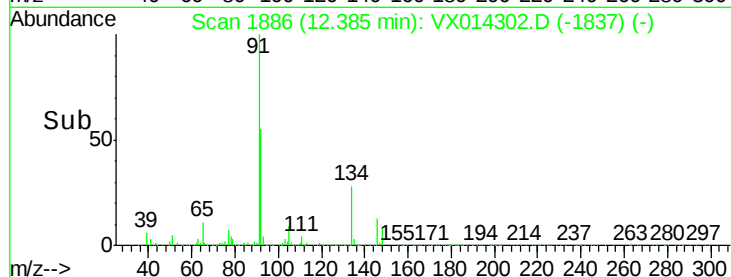
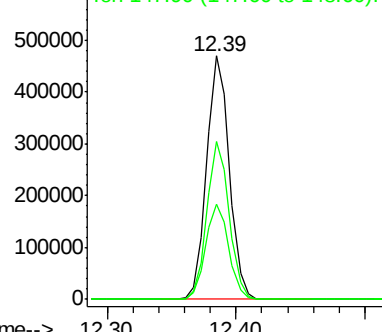


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.297 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014302.D

Acq: 27 Dec 2019 12:03

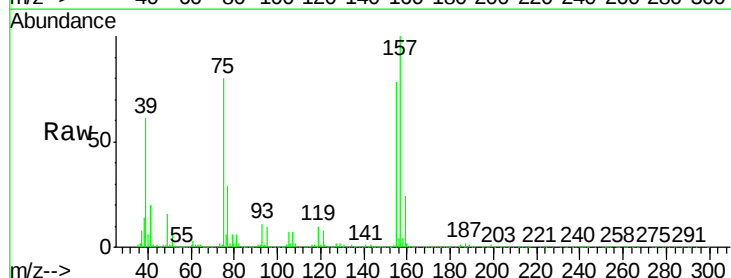
Tgt Ion: 75 Resp: 84504

Ion Ratio Lower Upper

75 100

155 98.8 46.9 140.6

157 125.7 60.8 182.4

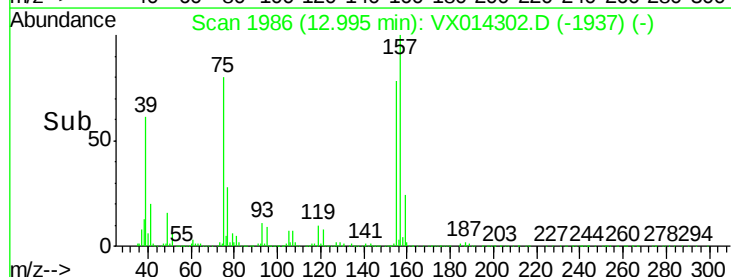
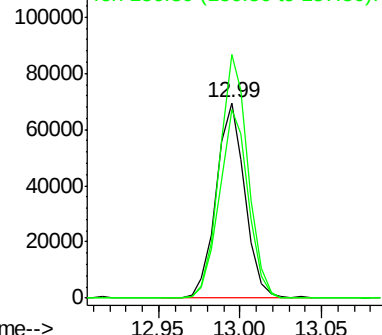


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

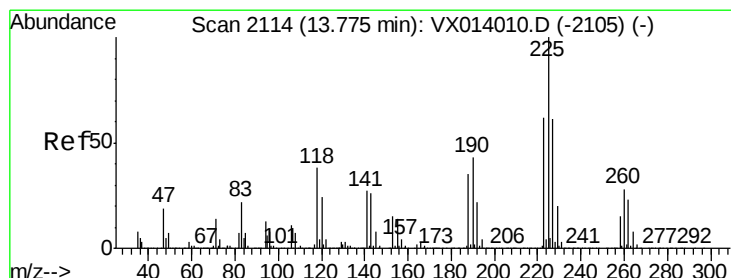
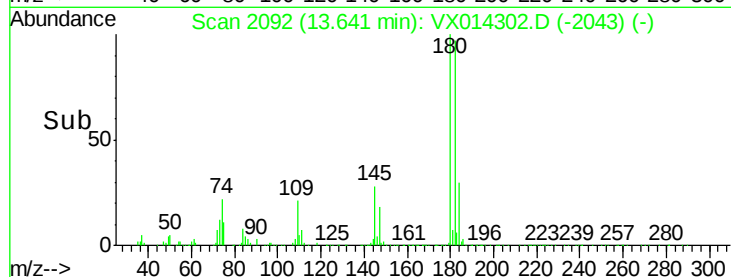
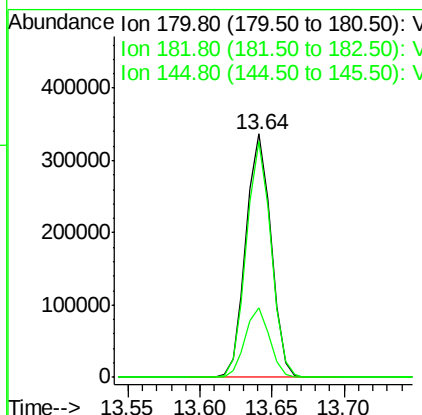
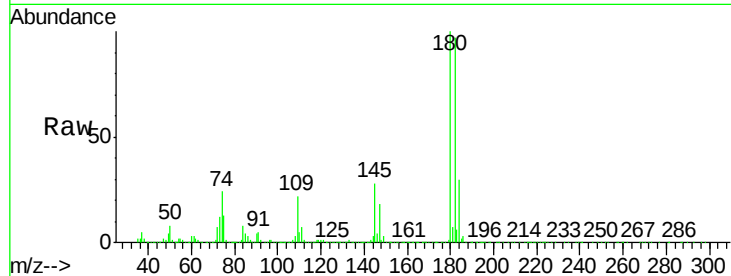




#93
 1,2,4-Trichlorobenzene
 Concen: 50.448 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

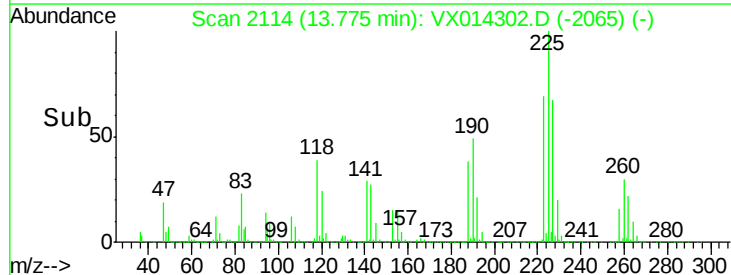
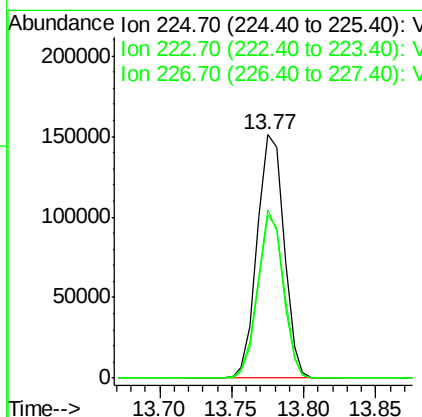
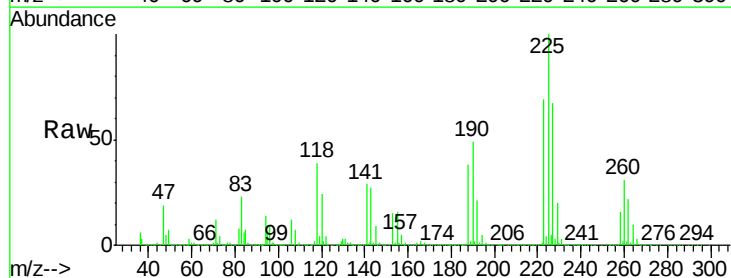
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

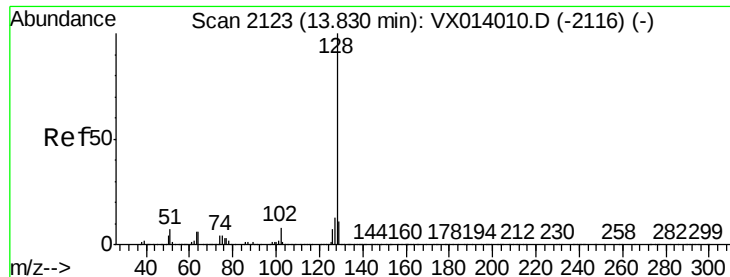
Tgt Ion:180 Resp: 404910
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.6 139.8
 145 27.9 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 50.257 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014302.D
 Acq: 27 Dec 2019 12:03

Tgt Ion:225 Resp: 193859
 Ion Ratio Lower Upper
 225 100
 223 65.0 30.9 92.5
 227 64.9 30.9 92.7

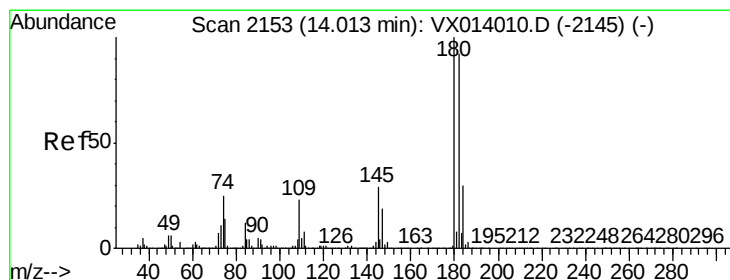
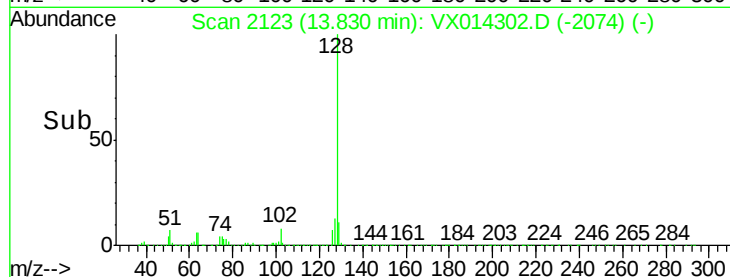
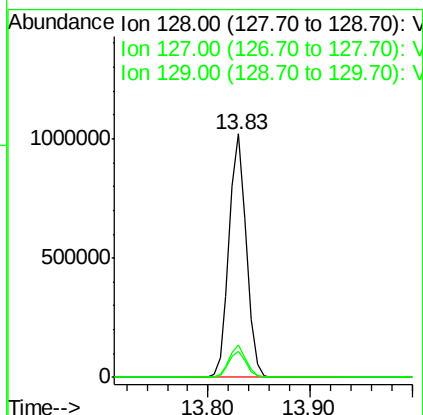
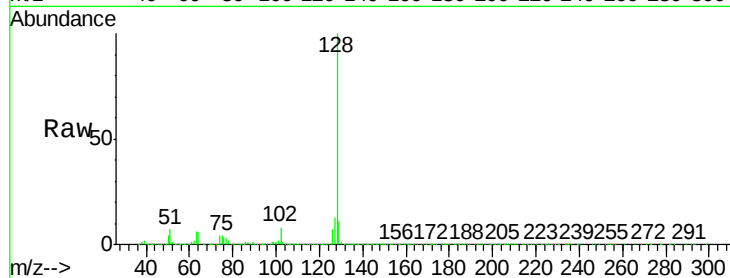




#95
Naphthalene
Concen: 50.315 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1186498
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.881 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014302.D
Acq: 27 Dec 2019 12:03

Tgt Ion:180 Resp: 395211
Ion Ratio Lower Upper
180 100
182 96.4 46.8 140.3
145 30.0 14.8 44.4

