

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111919\
 Data File : VX013466.D
 Acq On : 19 Nov 2019 16:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 17:37:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	692614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1051720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	956025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	483162	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	354786	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	5.48	113	290826	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	
50) Toluene-d8	8.71	98	1092198	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	
62) 4-Bromofluorobenzene	11.13	95	406755	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	303773	38.065	ug/l	98
3) Chloromethane	1.31	50	342163	39.538	ug/l	98
4) Vinyl Chloride	1.40	62	401619	40.764	ug/l	99
5) Bromomethane	1.63	94	273685	39.862	ug/l	99
6) Chloroethane	1.71	64	221287	39.030	ug/l	98
7) Trichlorofluoromethane	1.92	101	447341	38.431	ug/l	99
8) Diethyl Ether	2.17	74	216829	42.124	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	282674	43.571	ug/l	99
10) Methyl Iodide	2.50	142	330572	41.155	ug/l	97
11) Tert butyl alcohol	3.03	59	403913	186.763	ug/l	99
12) 1,1-Dichloroethene	2.36	96	271062	42.665	ug/l	96
13) Acrolein	2.28	56	245757	209.668	ug/l	96
14) Allyl chloride	2.72	41	518010	44.874	ug/l	95
15) Acrylonitrile	3.12	53	935374	231.537	ug/l	99
16) Acetone	2.43	43	872105	213.085	ug/l	100
17) Carbon Disulfide	2.56	76	662401	38.954	ug/l	99
18) Methyl Acetate	2.76	43	544999	48.233	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1009919	47.660	ug/l	97
20) Methylene Chloride	2.84	84	321695	42.542	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	291039	42.073	ug/l	94
22) Diisopropyl ether	3.84	45	1053151	47.256	ug/l	94
23) Vinyl Acetate	3.80	43	4411414	231.325	ug/l	100
24) 1,1-Dichloroethane	3.68	63	559539	44.881	ug/l	99
25) 2-Butanone	4.65	43	1331383	221.744	ug/l	100
26) 2,2-Dichloropropane	4.57	77	451025	45.476	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	353815	45.659	ug/l	99
28) Bromochloromethane	5.00	49	177069	50.022	ug/l	98
29) Tetrahydrofuran	5.11	42	832463	224.990	ug/l	100
30) Chloroform	5.20	83	558236	45.346	ug/l	97
31) Cyclohexane	5.56	56	475710	42.405	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	464902	43.882	ug/l	99
36) 1,1-Dichloropropene	5.78	75	402011	44.557	ug/l	99
37) Ethyl Acetate	4.81	43	492032	44.133	ug/l	99
38) Carbon Tetrachloride	5.77	117	394591	44.724	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	493894	43.932	ug/l	98
40) Benzene	6.13	78	1255070	44.657	ug/l	98
41) Methacrylonitrile	5.02	41	286397	45.832	ug/l	98
42) 1,2-Dichloroethane	6.18	62	448536	44.245	ug/l	98
43) Isopropyl Acetate	6.43	43	821358	47.312	ug/l	99
44) Trichloroethene	7.20	130	335306	43.342	ug/l	99
45) 1,2-Dichloropropane	7.50	63	336379	46.974	ug/l	100
46) Dibromomethane	7.65	93	217434	44.471	ug/l	97
47) Bromodichloromethane	7.89	83	442719	48.018	ug/l	96
48) Methyl methacrylate	7.76	41	407237	46.993	ug/l	98
49) 1,4-Dioxane	7.73	88	151838	765.078	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2595041	227.834	ug/l	99
52) Toluene	8.78	92	794863	45.632	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	494744	49.073	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	544409	48.274	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	337891	46.799	ug/l	98
56) Ethyl methacrylate	9.17	69	553751	45.084	ug/l	96
57) 1,3-Dichloropropane	9.36	76	572339	46.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1214365	245.987	ug/l	100
59) 2-Hexanone	9.48	43	1994454	226.592	ug/l	99
60) Dibromochloromethane	9.57	129	360695	48.847	ug/l	100
61) 1,2-Dibromoethane	9.67	107	353160	46.064	ug/l	99
64) Tetrachloroethene	9.33	164	303342	44.323	ug/l	100
65) Chlorobenzene	10.13	112	863685	44.623	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	331744	46.680	ug/l	99
67) Ethyl Benzene	10.25	91	1518702	45.463	ug/l	100
68) m/p-Xylenes	10.36	106	1163824	92.122	ug/l	99
69) o-Xylene	10.70	106	575136	46.500	ug/l	98
70) Styrene	10.71	104	987631	47.768	ug/l	98
71) Bromoform	10.85	173	288378	44.164	ug/l #	98
73) Isopropylbenzene	11.01	105	1518984	47.417	ug/l	99
74) N-amyl acetate	10.89	43	727073	48.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	548447	46.929	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	623724	63.557	ug/l	82
77) Bromobenzene	11.25	156	399754	46.810	ug/l	97
78) n-propylbenzene	11.35	91	1728996	48.452	ug/l	100
79) 2-Chlorotoluene	11.42	91	1010725	47.011	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1274854	47.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	186736	48.978	ug/l	95
82) 4-Chlorotoluene	11.51	91	1172711	46.596	ug/l	99
83) tert-Butylbenzene	11.77	119	1296526	48.269	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1295096	48.384	ug/l	100
85) sec-Butylbenzene	11.94	105	1482575	48.026	ug/l	99
86) p-Isopropyltoluene	12.06	119	1387205	48.800	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	709542	46.611	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	705724	45.503	ug/l	100
89) n-Butylbenzene	12.39	91	1194880	48.173	ug/l	99
90) Hexachloroethane	12.59	117	248791	49.122	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	713508	46.891	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	116370	40.871	ug/l	95

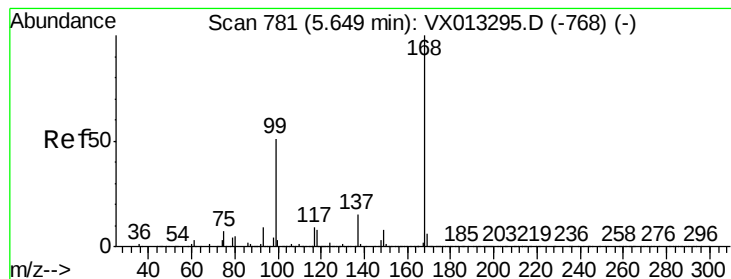
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	505071	47.585	ug/l	99
94) Hexachlorobutadiene	13.78	225	239714	46.163	ug/l	99
95) Naphthalene	13.83	128	1560539	46.860	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	499624	46.937	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

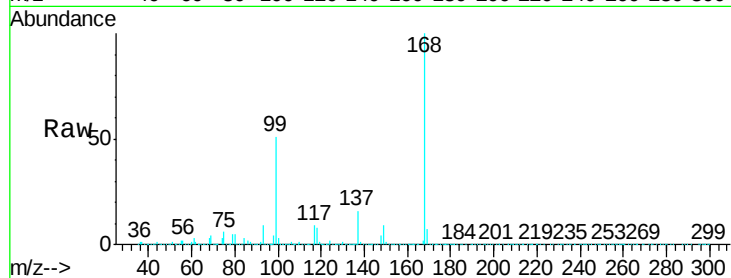
VSTDCCC050EC

Tgt Ion:168 Resp: 692614

Ion Ratio Lower Upper

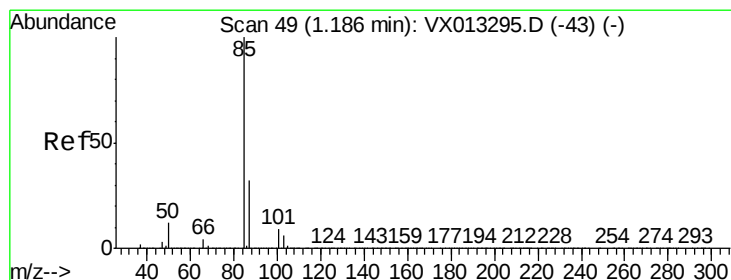
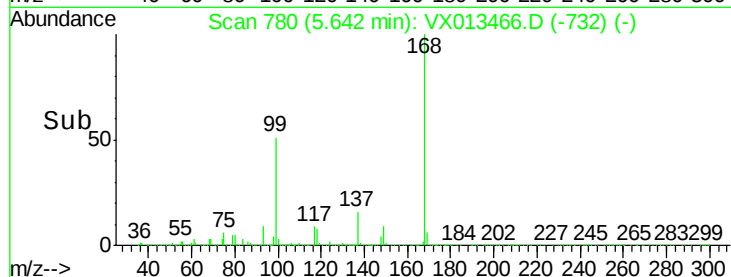
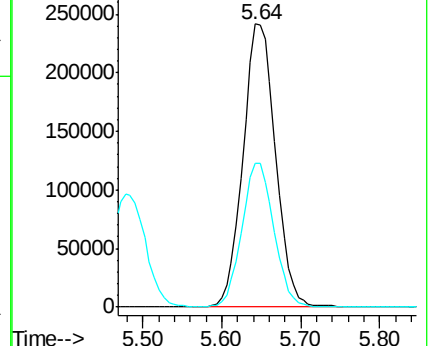
168 100

99 50.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 38.065 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013466.D

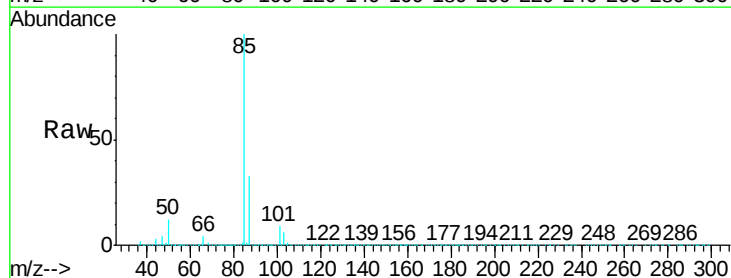
Acq: 19 Nov 2019 16:55

Tgt Ion: 85 Resp: 303773

Ion Ratio Lower Upper

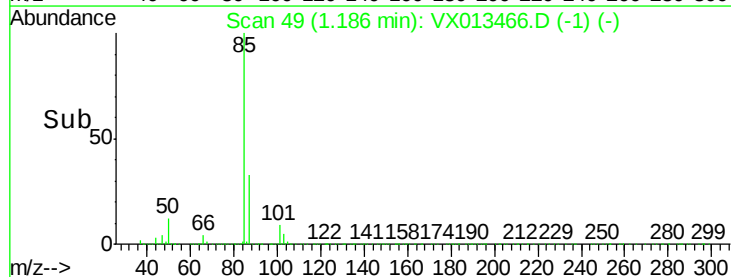
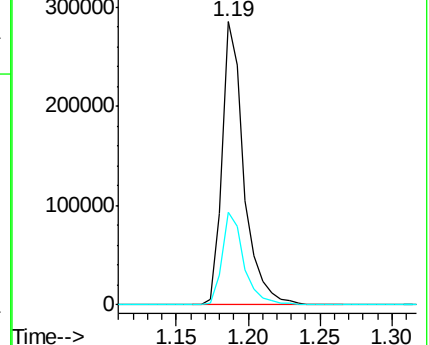
85 100

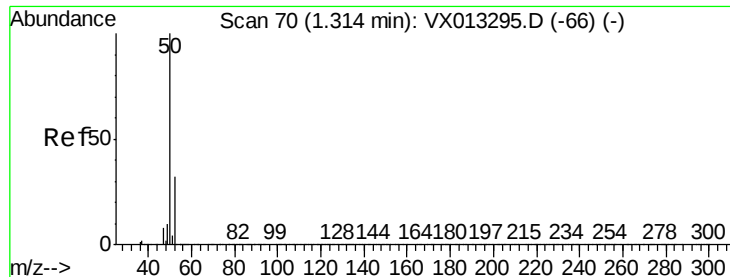
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.538 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

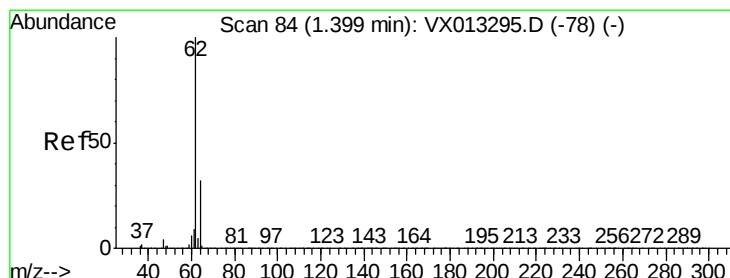
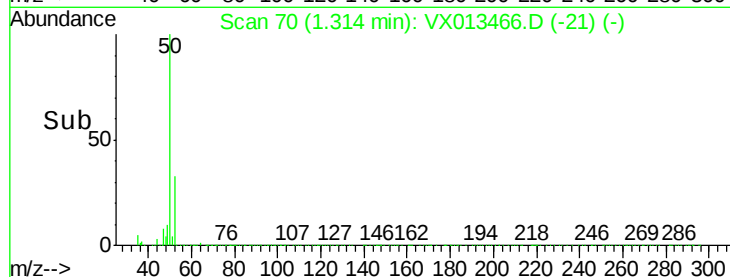
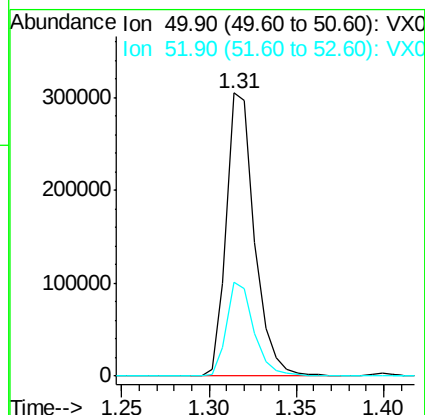
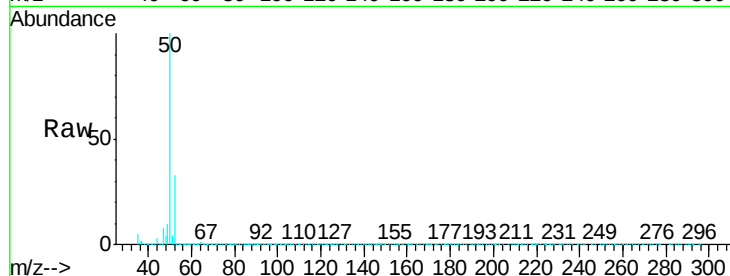
VSTDCCC050EC

Tgt Ion: 50 Resp: 342163

Ion Ratio Lower Upper

50 100

52 32.9 25.5 38.3



#4

Vinyl Chloride

Concen: 40.764 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013466.D

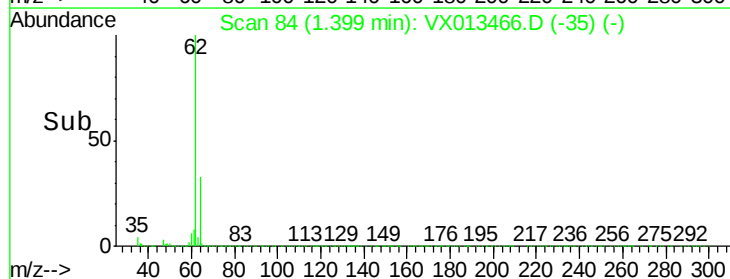
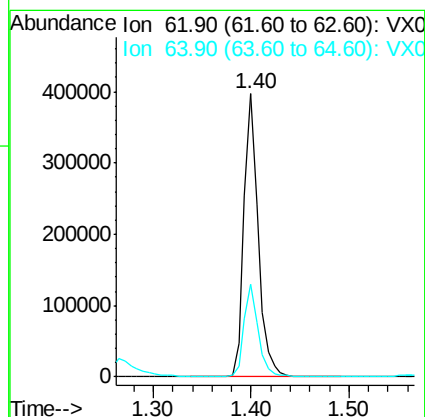
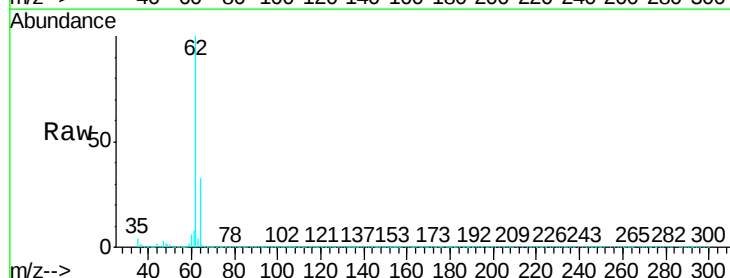
Acq: 19 Nov 2019 16:55

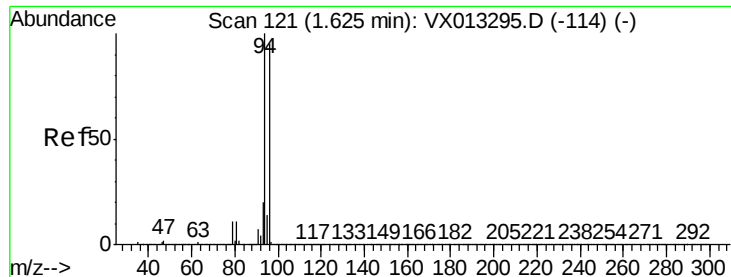
Tgt Ion: 62 Resp: 401619

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4

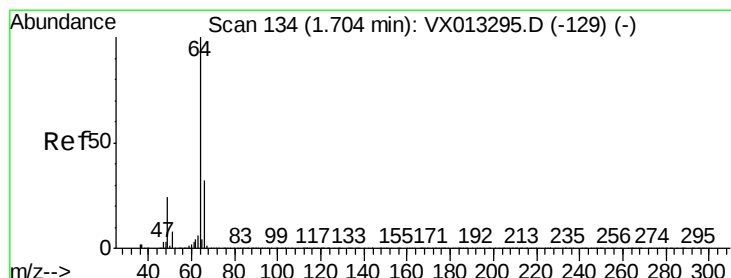
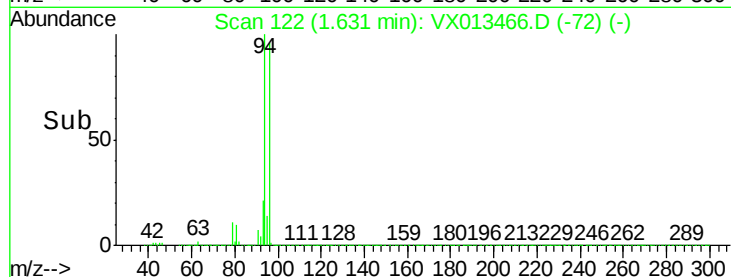
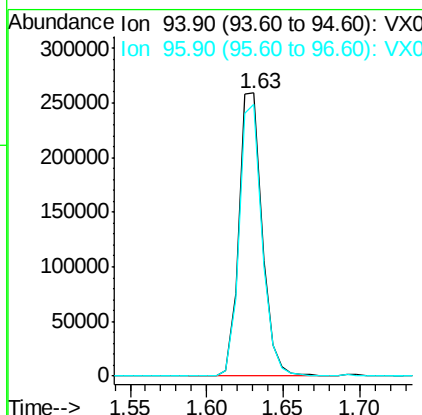
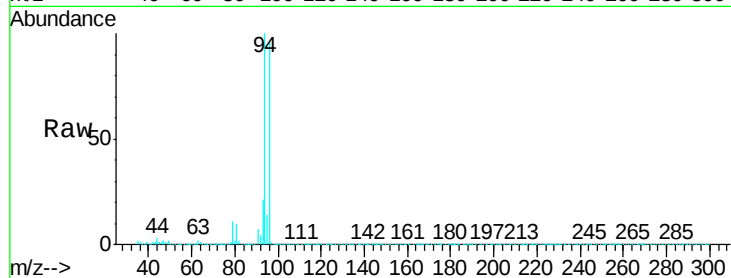




#5
Bromomethane
Concen: 39.862 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

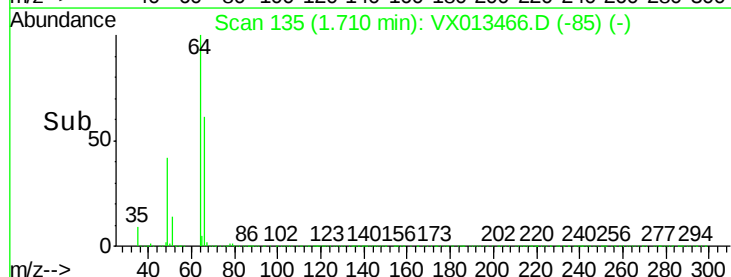
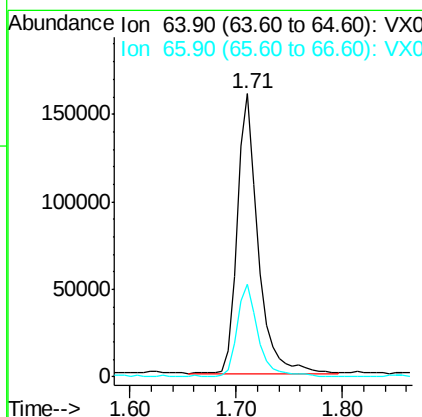
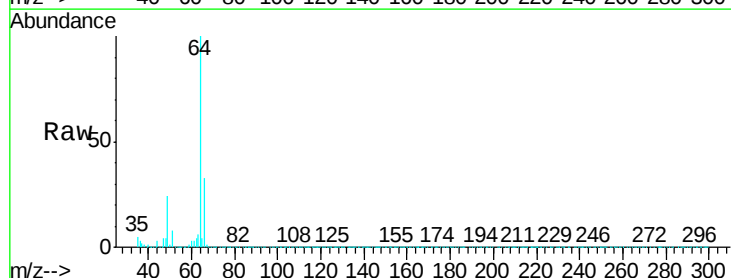
Instrument :
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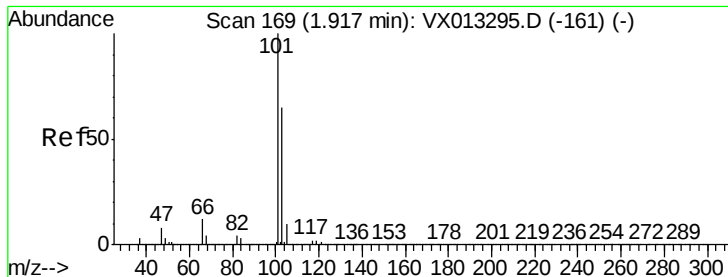
Tgt Ion: 94 Resp: 273685
Ion Ratio Lower Upper
94 100
96 96.0 75.8 113.8



#6
Chloroethane
Concen: 39.030 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 64 Resp: 221287
Ion Ratio Lower Upper
64 100
66 32.9 25.6 38.4



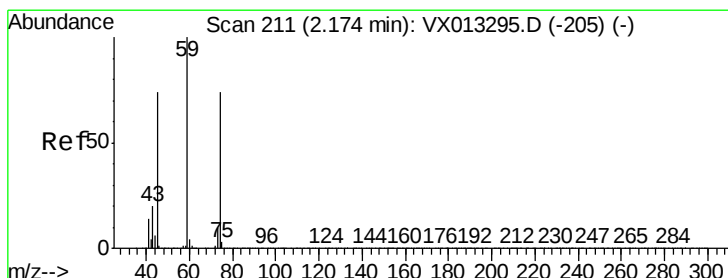
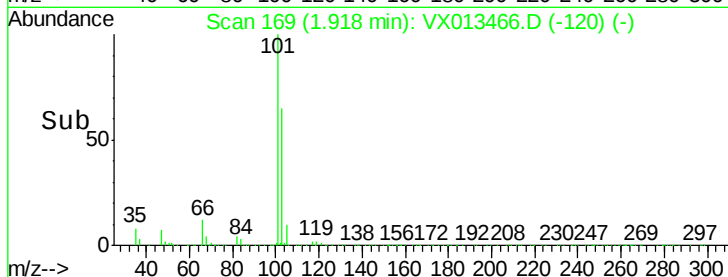
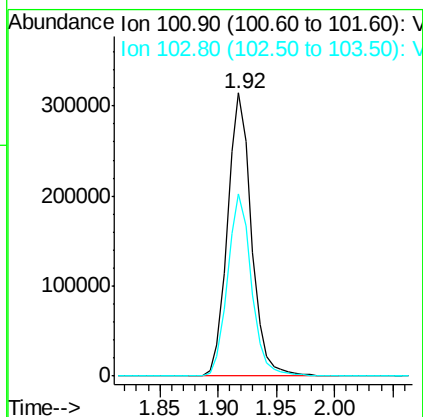
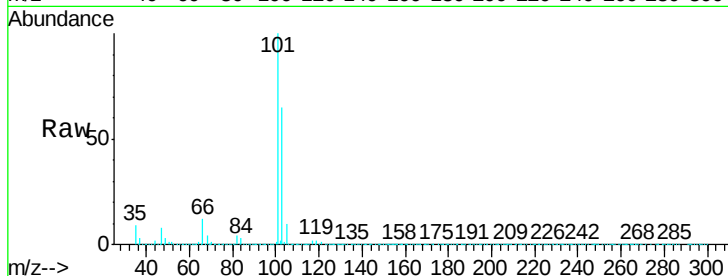


#7

Trichlorofluoromethane
Concen: 38.431 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
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VSTDCCC050EC

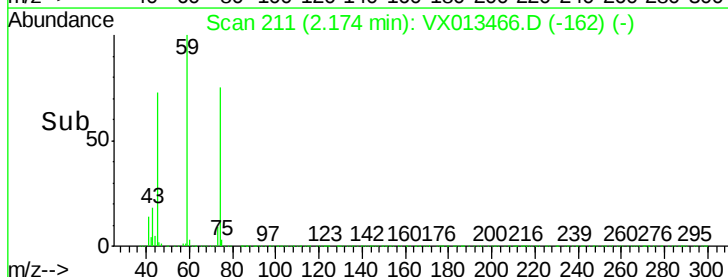
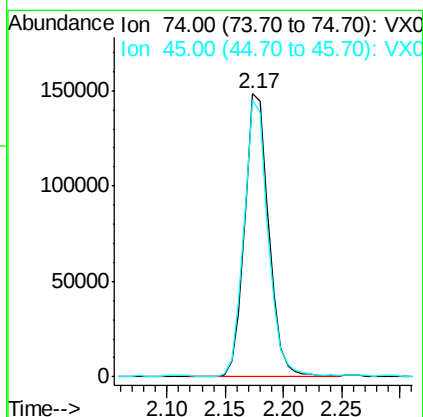
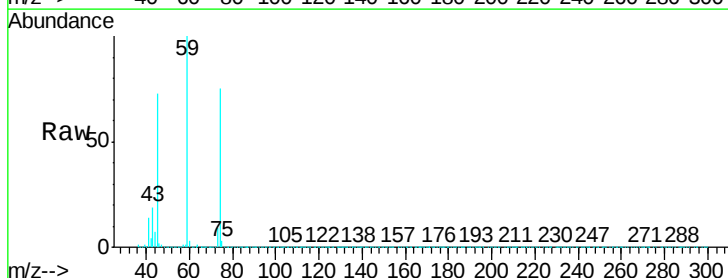
Tgt Ion:101 Resp: 447341
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

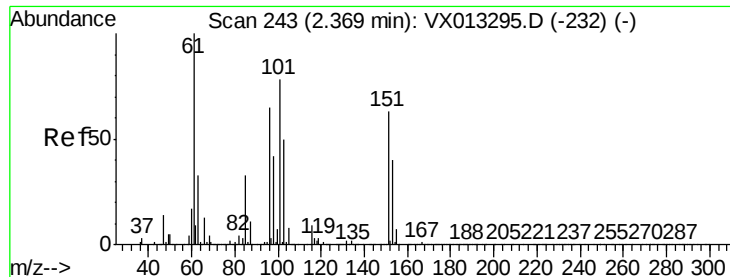


#8

Diethyl Ether
Concen: 42.124 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 74 Resp: 216829
Ion Ratio Lower Upper
74 100
45 96.2 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.571 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

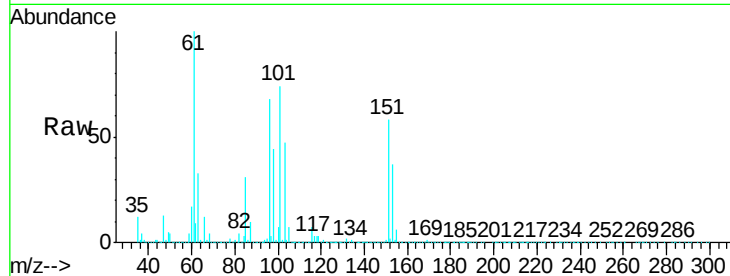
Tgt Ion:101 Resp: 282674

Ion Ratio Lower Upper

101 100

85 42.3 34.4 51.6

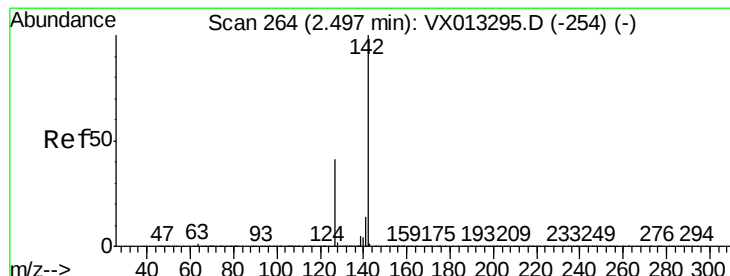
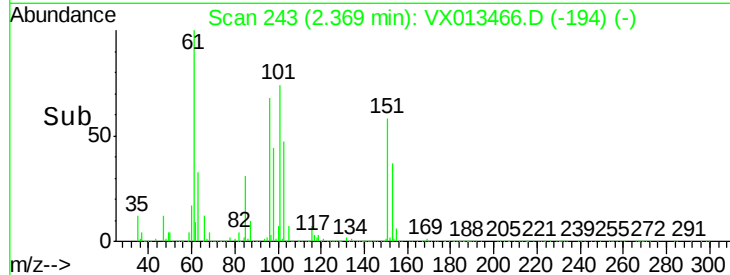
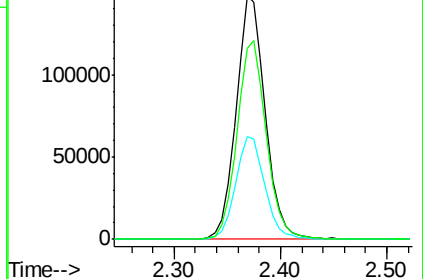
151 82.2 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.155 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

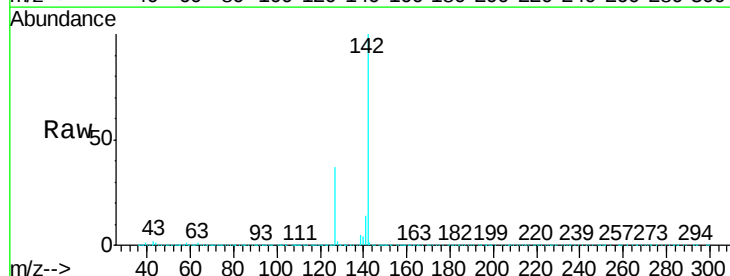
Tgt Ion:142 Resp: 330572

Ion Ratio Lower Upper

142 100

127 38.3 32.6 49.0

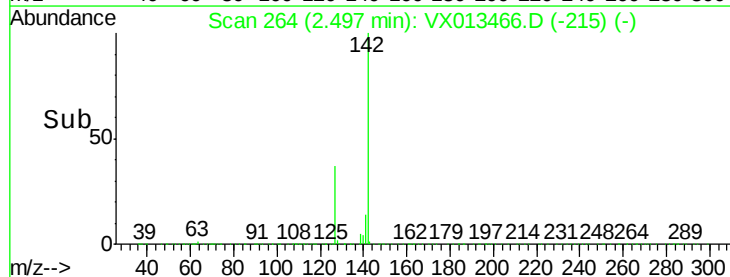
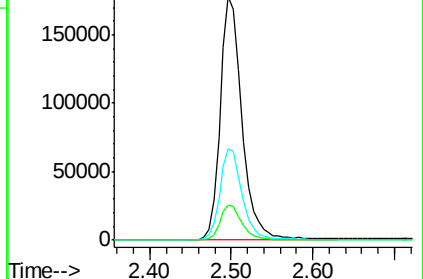
141 14.6 11.6 17.4

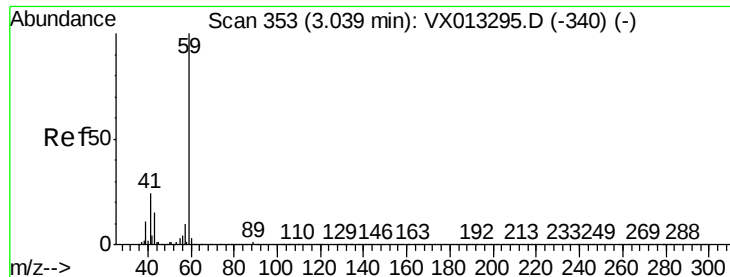


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



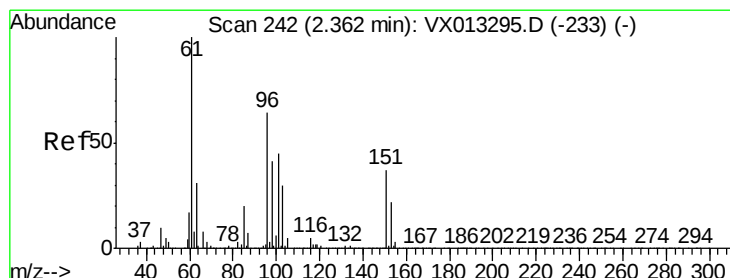
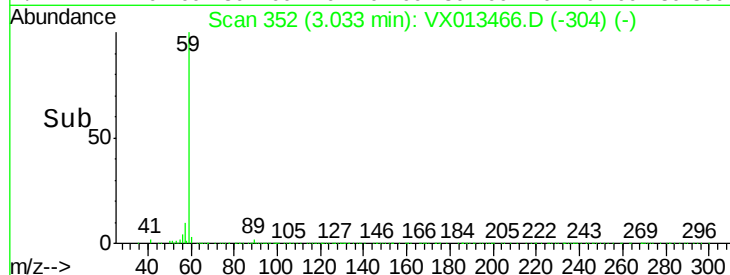
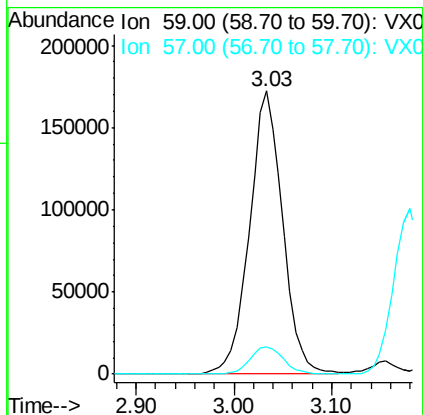
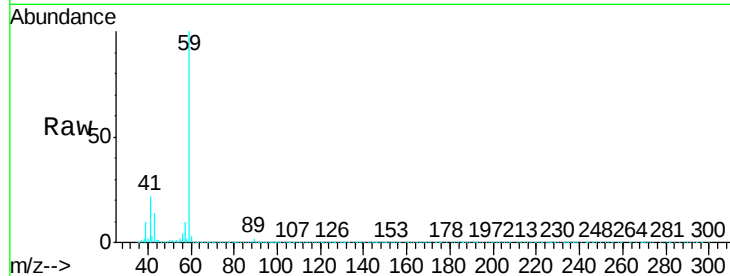


#11

Tert butyl alcohol
Concen: 186.763 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

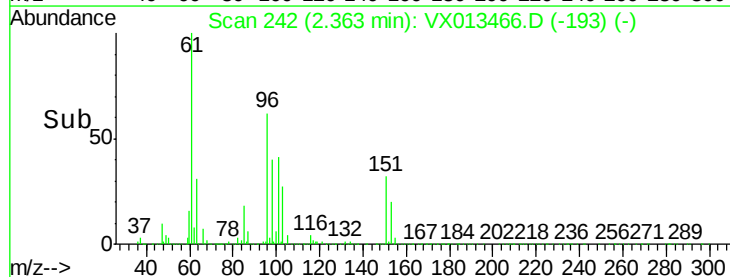
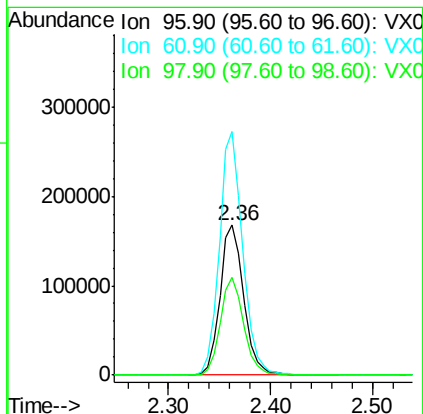
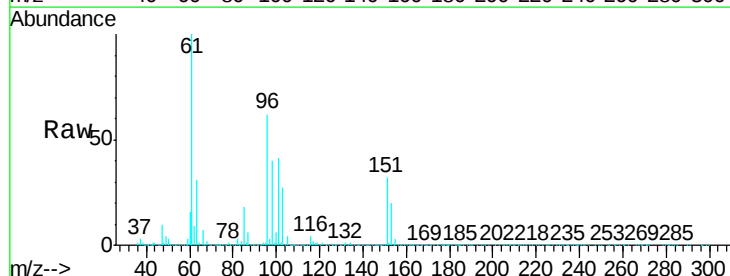
Tgt Ion: 59 Resp: 403913
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0

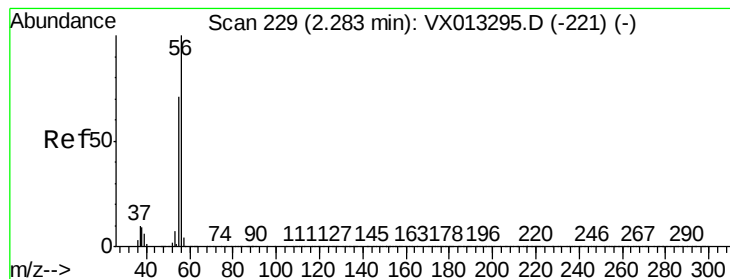


#12

1,1-Dichloroethene
Concen: 42.665 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 96 Resp: 271062
Ion Ratio Lower Upper
96 100
61 162.2 125.0 187.6
98 65.1 50.7 76.1





#13

Acrolein

Concen: 209.668 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

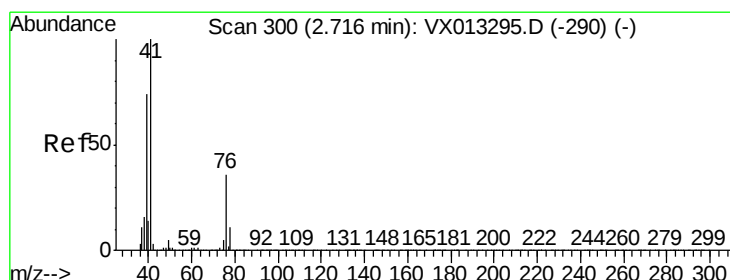
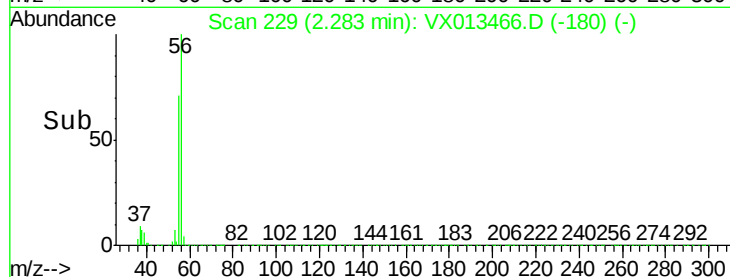
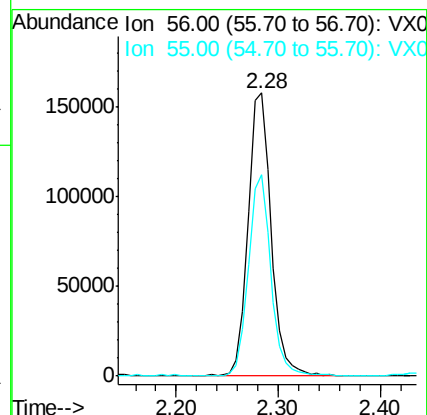
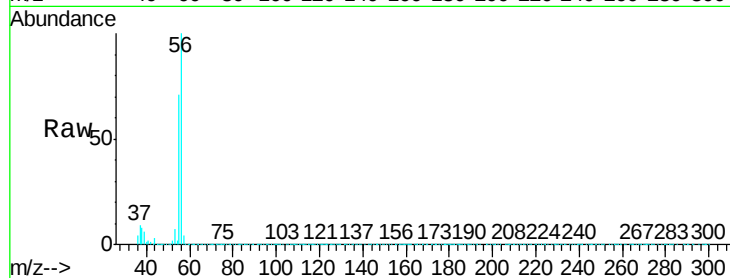
VSTDCCC050EC

Tgt Ion: 56 Resp: 245757

Ion Ratio Lower Upper

56 100

55 68.7 57.4 86.0



#14

Allyl chloride

Concen: 44.874 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

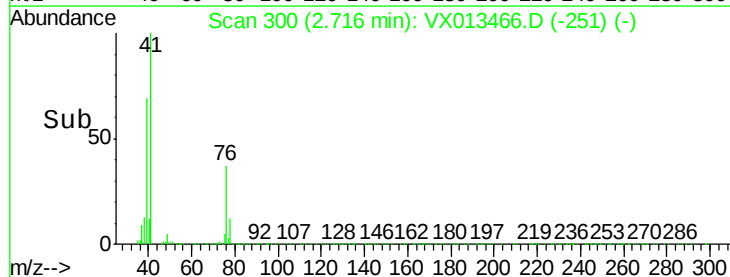
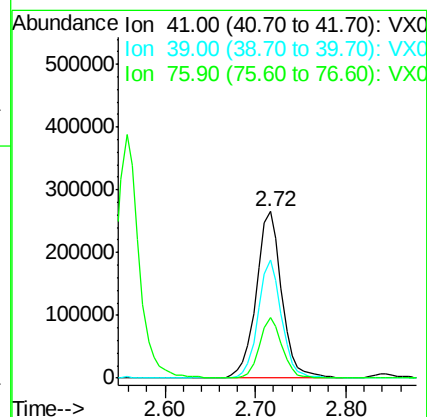
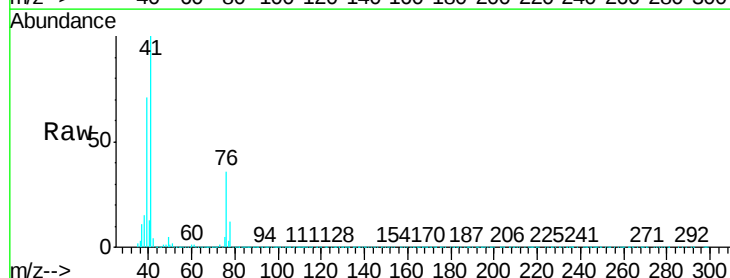
Tgt Ion: 41 Resp: 518010

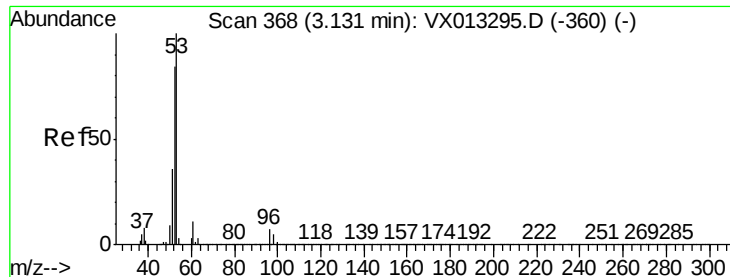
Ion Ratio Lower Upper

41 100

39 64.8 55.8 83.8

76 31.9 26.4 39.6





#15

Acrylonitrile

Concen: 231.537 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

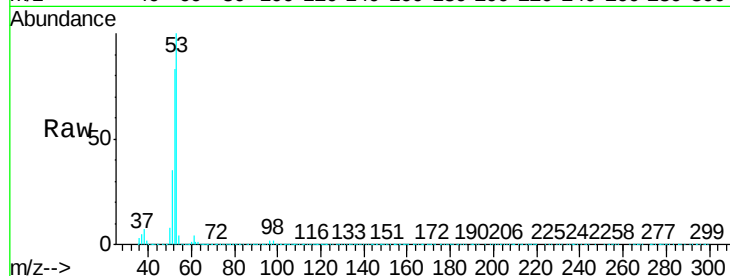
Tgt Ion: 53 Resp: 935374

Ion Ratio Lower Upper

53 100

52 83.1 67.4 101.0

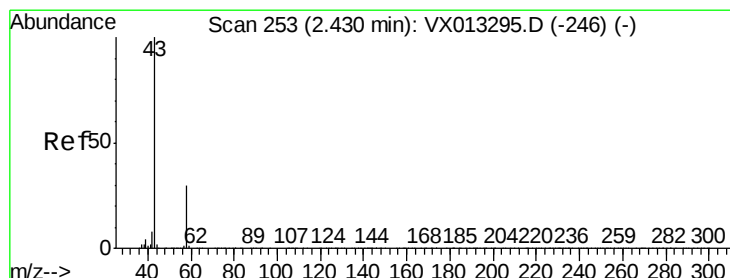
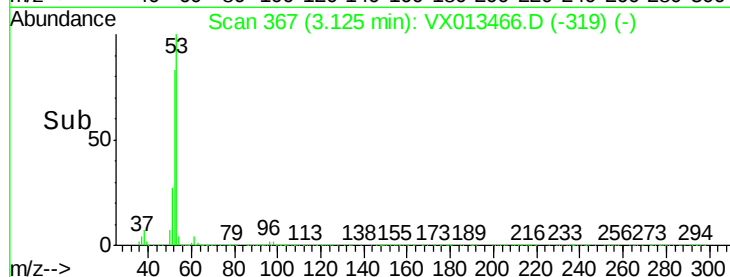
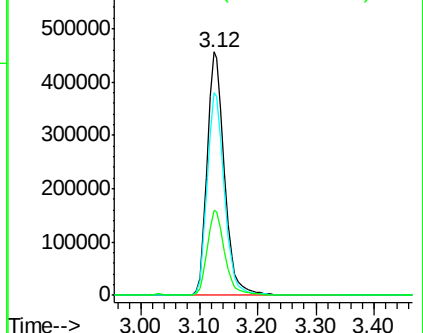
51 35.7 29.4 44.2



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: 213.085 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013466.D

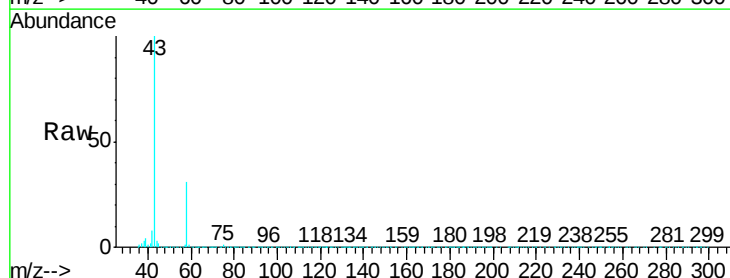
Acq: 19 Nov 2019 16:55

Tgt Ion: 43 Resp: 872105

Ion Ratio Lower Upper

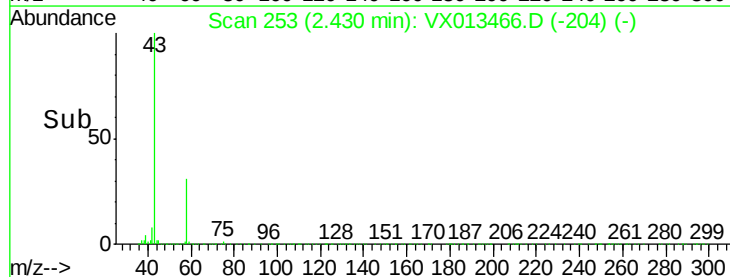
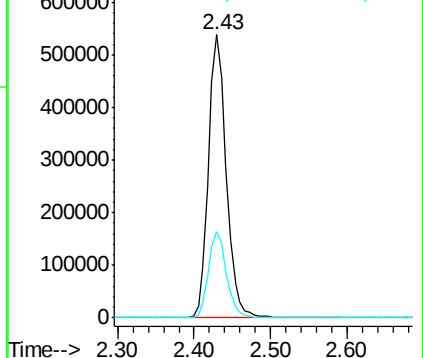
43 100

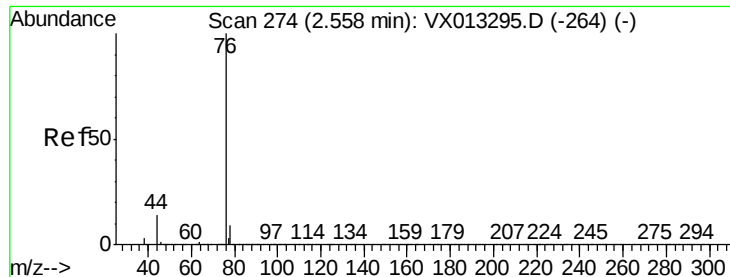
58 30.5 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 38.954 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

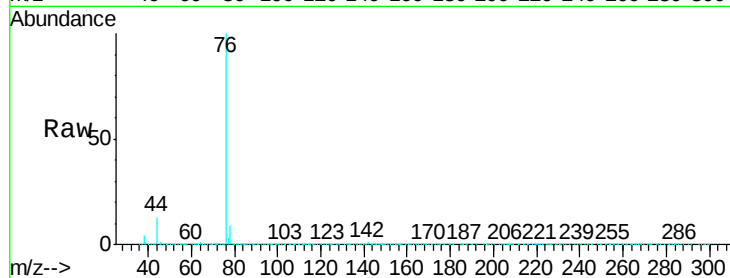
VSTDCCC050EC

Tgt Ion: 76 Resp: 662401

Ion Ratio Lower Upper

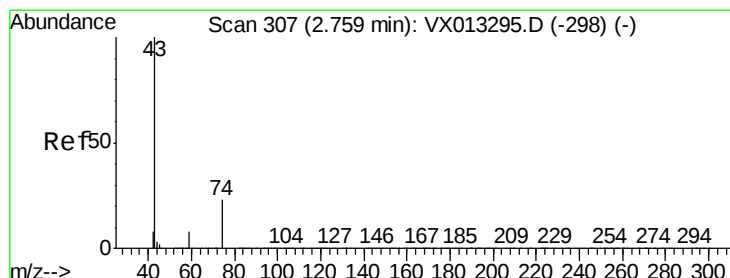
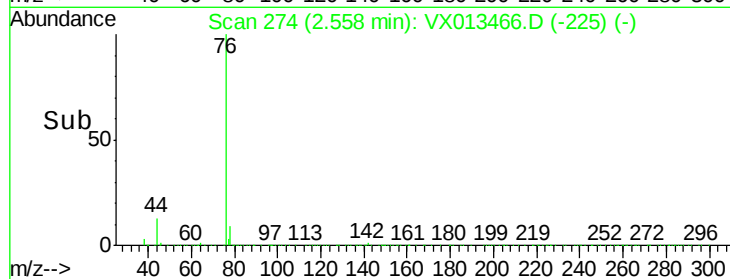
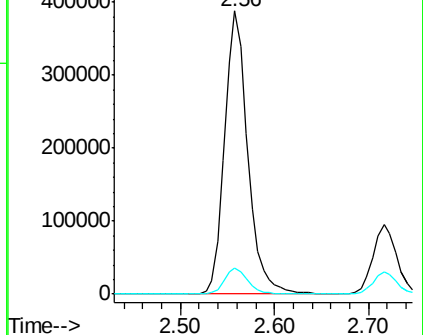
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.233 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013466.D

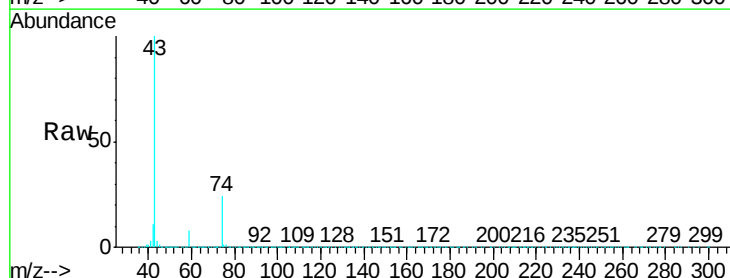
Acq: 19 Nov 2019 16:55

Tgt Ion: 43 Resp: 544999

Ion Ratio Lower Upper

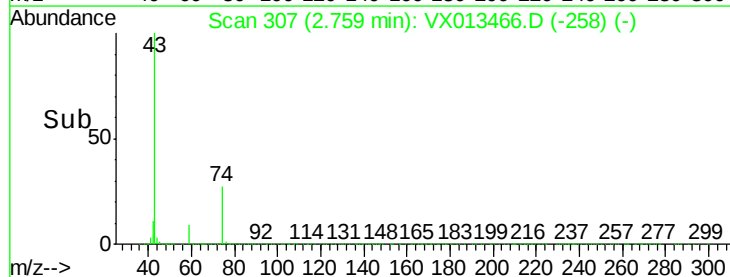
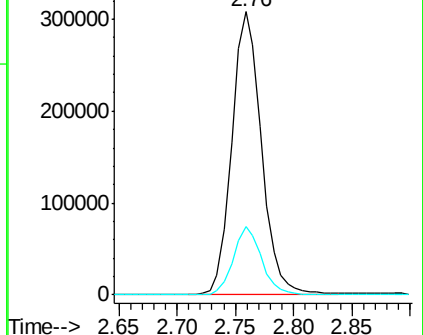
43 100

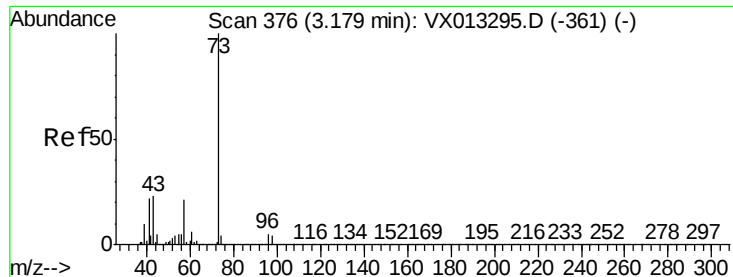
74 23.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

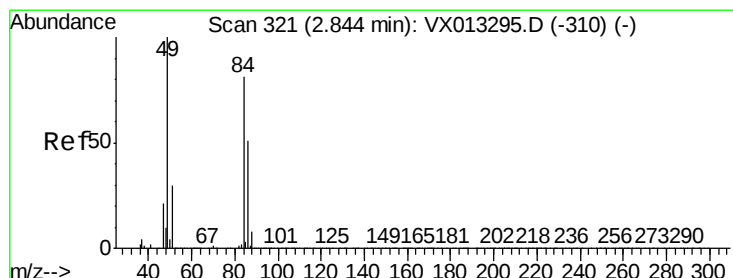
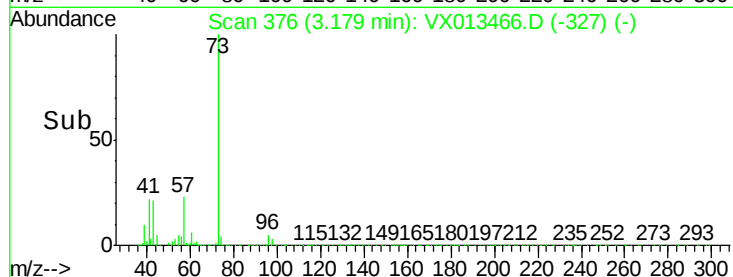
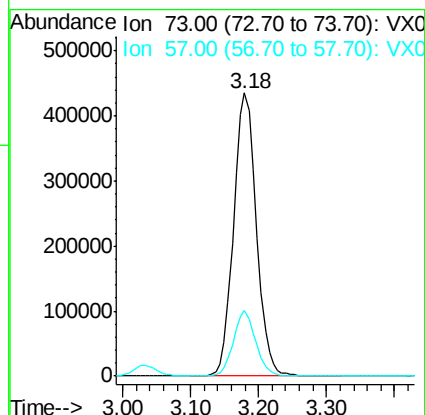
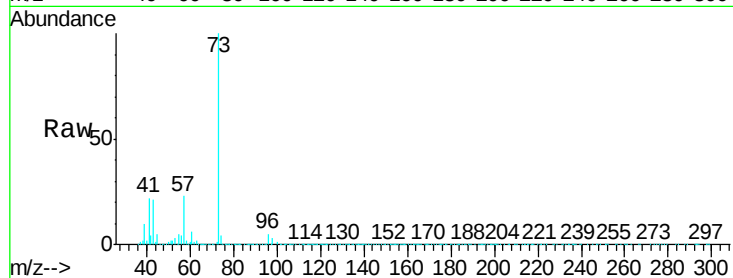




#19
Methyl tert-butyl Ether
Concen: 47.660 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

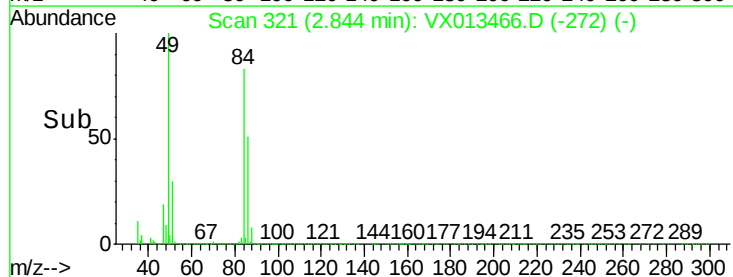
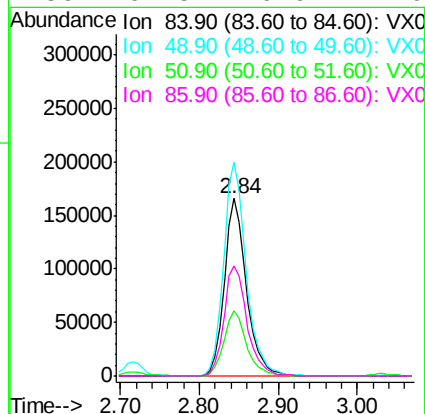
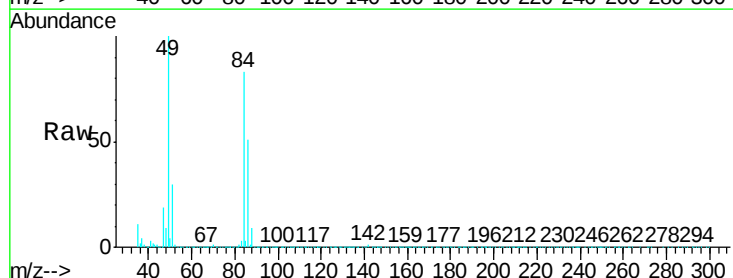
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

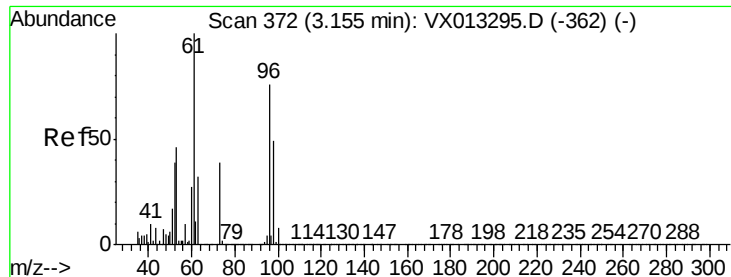
Tgt Ion: 73 Resp: 1009919
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7



#20
Methylene Chloride
Concen: 42.542 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 84 Resp: 321695
Ion Ratio Lower Upper
84 100
49 120.0 98.2 147.4
51 36.2 29.9 44.9
86 61.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 42.073 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

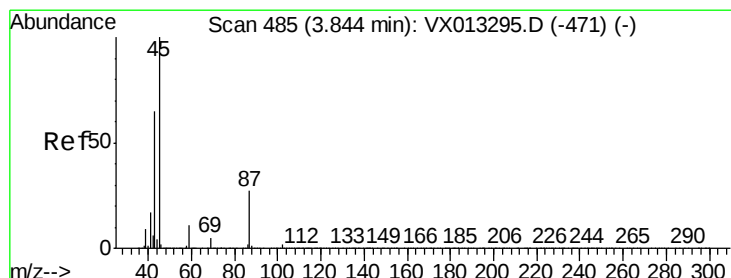
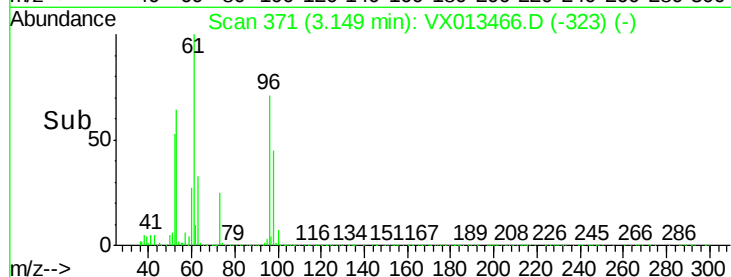
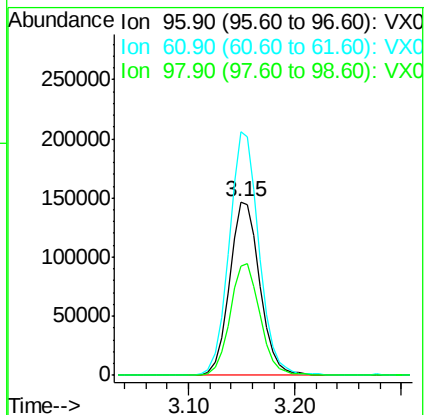
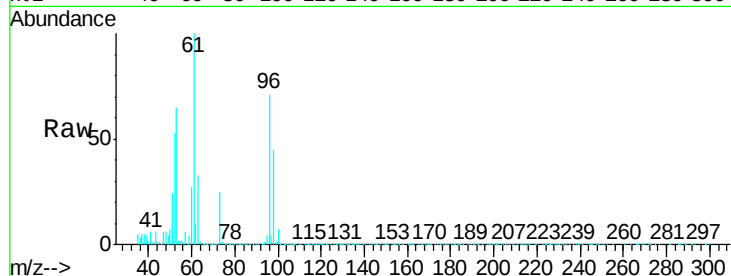
Tgt Ion: 96 Resp: 291039

Ion Ratio Lower Upper

96 100

61 140.5 105.8 158.6

98 62.8 51.8 77.6



#22

Diisopropyl ether

Concen: 47.256 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion: 45 Resp: 1053151

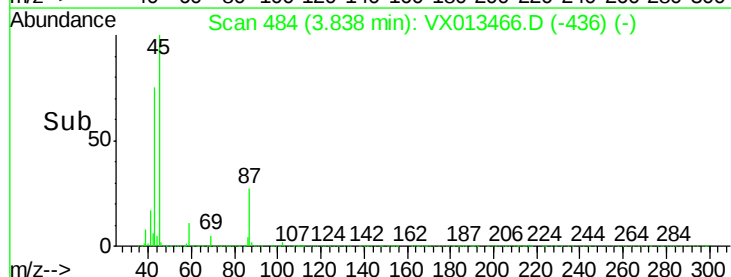
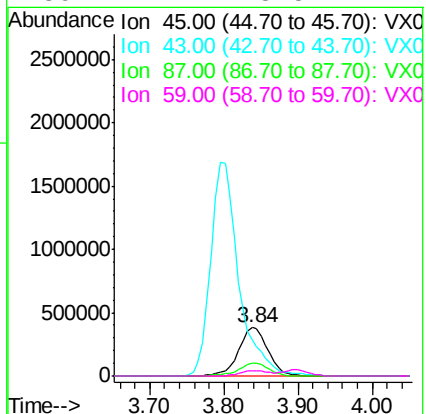
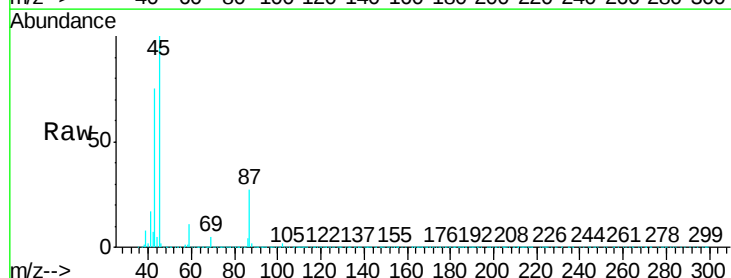
Ion Ratio Lower Upper

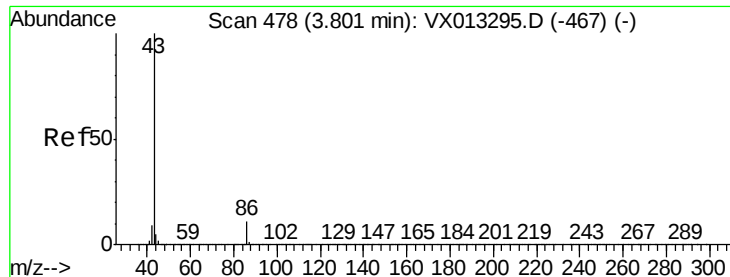
45 100

43 74.4 54.2 81.2

87 27.1 21.8 32.8

59 11.4 8.5 12.7





#23

Vinyl Acetate

Concen: 231.325 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

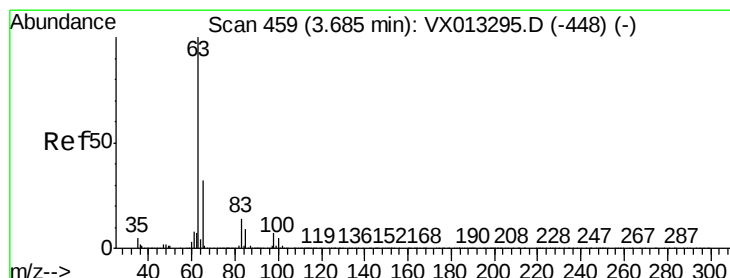
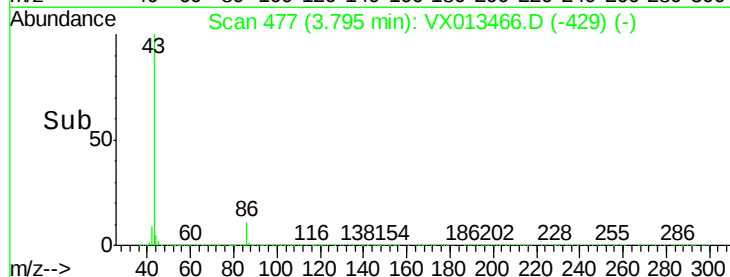
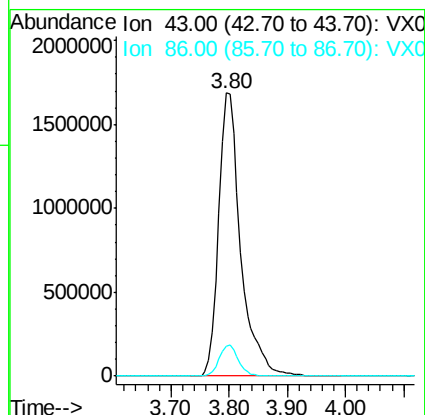
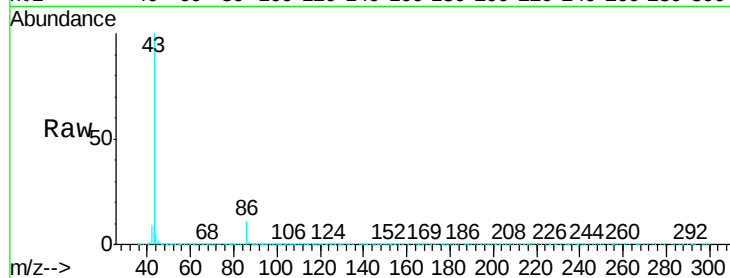
VSTDCCC050EC

Tgt Ion: 43 Resp: 4411414

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 44.881 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

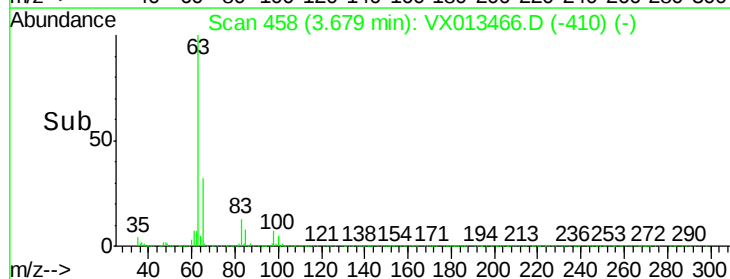
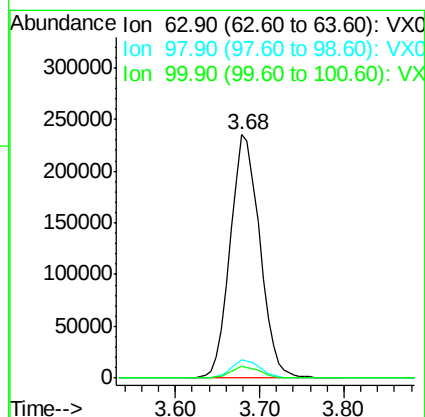
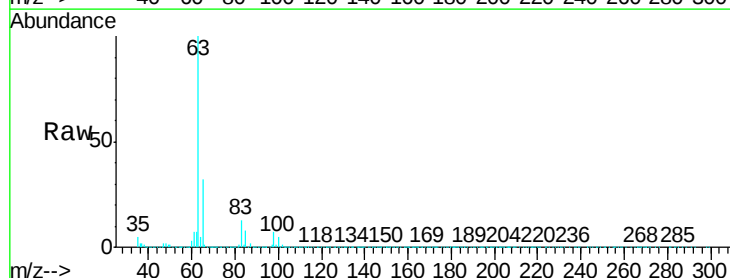
Tgt Ion: 63 Resp: 559539

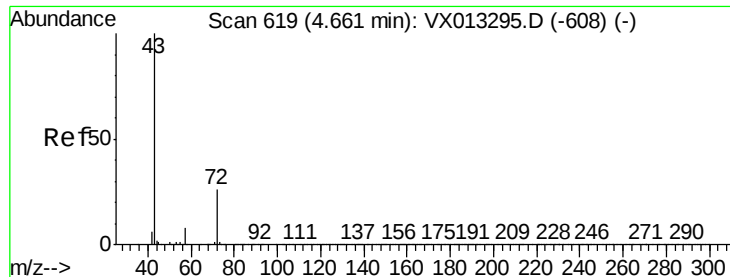
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 221.744 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

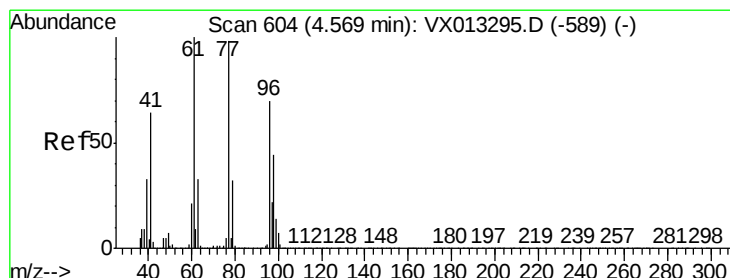
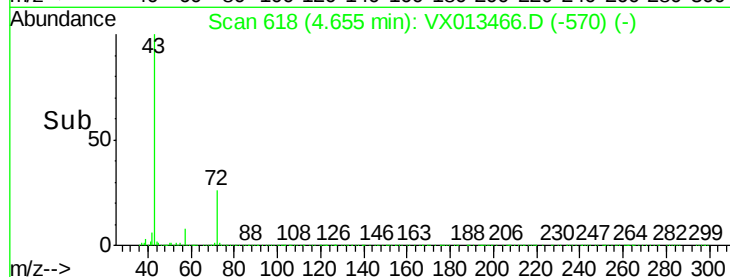
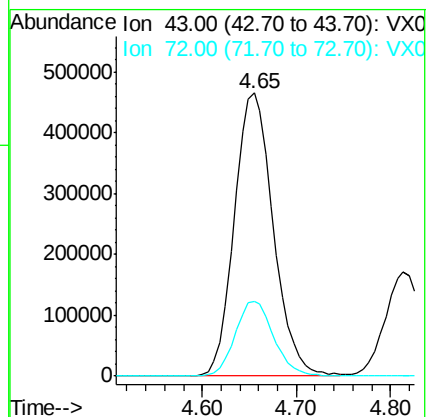
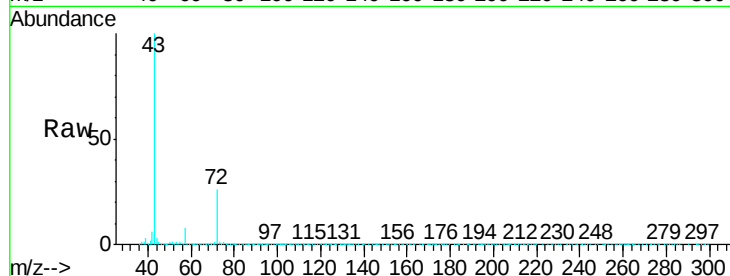
VSTDCCC050EC

Tgt Ion: 43 Resp: 1331383

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 45.476 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013466.D

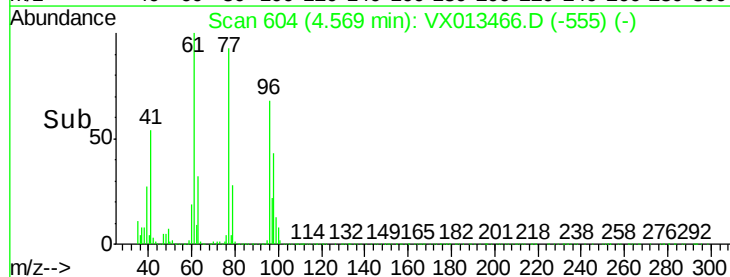
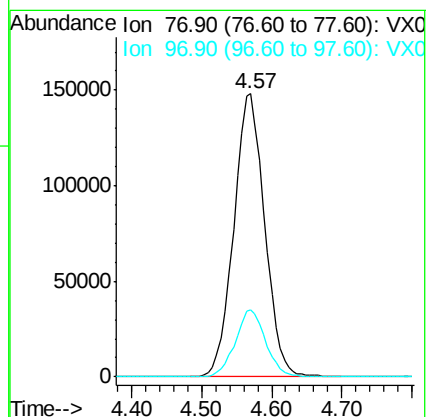
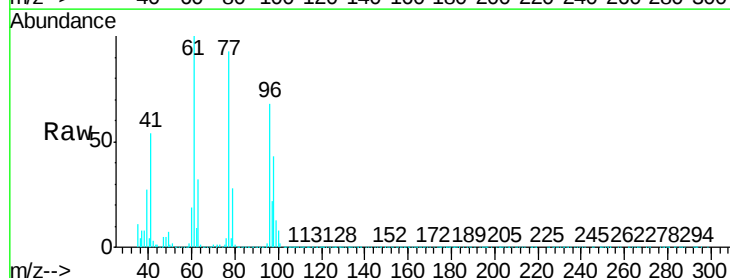
Acq: 19 Nov 2019 16:55

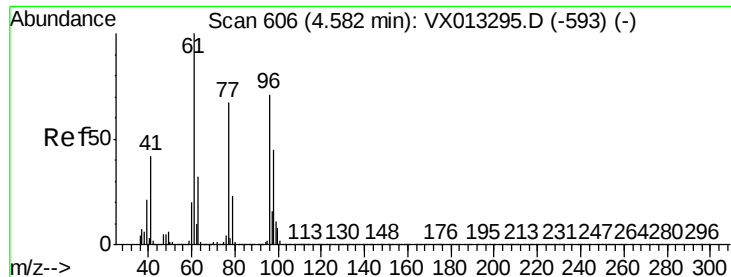
Tgt Ion: 77 Resp: 451025

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8



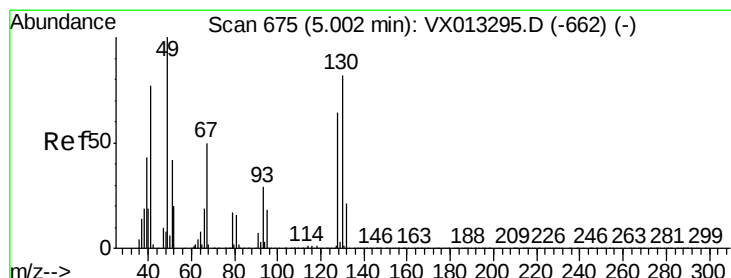
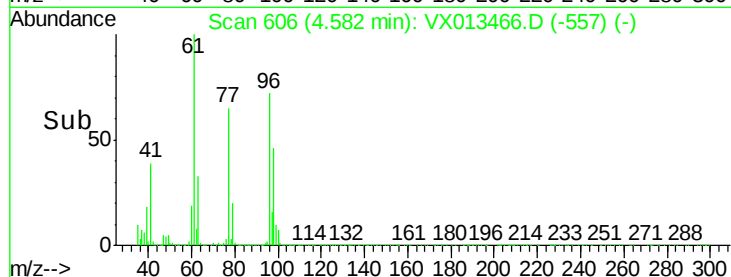
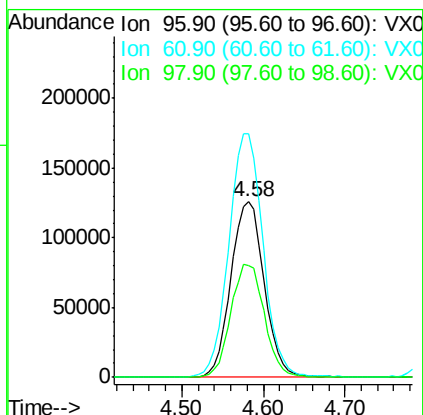
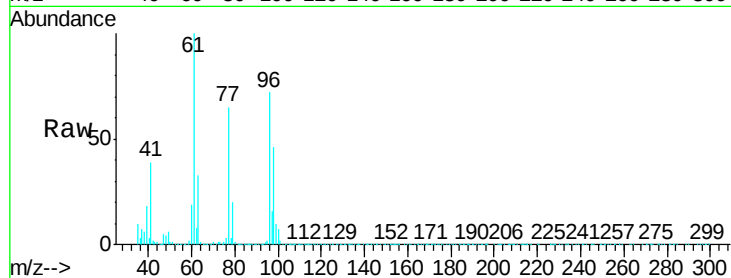


#27

cis-1,2-Dichloroethene
Concen: 45.659 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

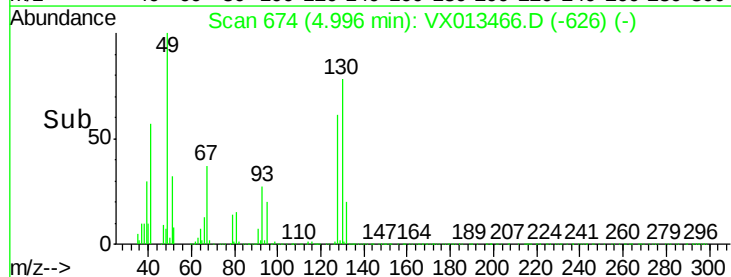
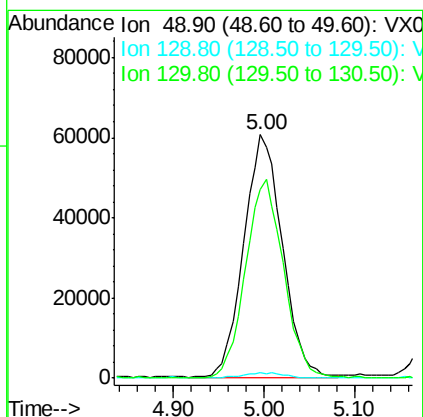
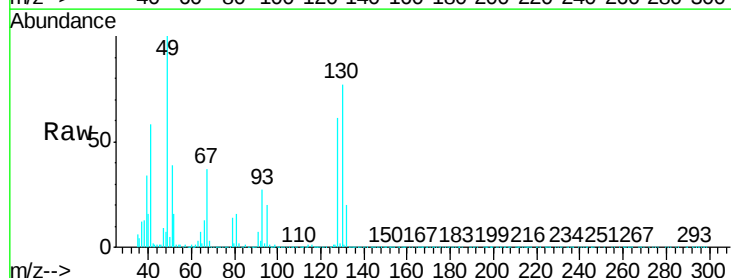
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	288.0
98	64.9	0.0	129.6

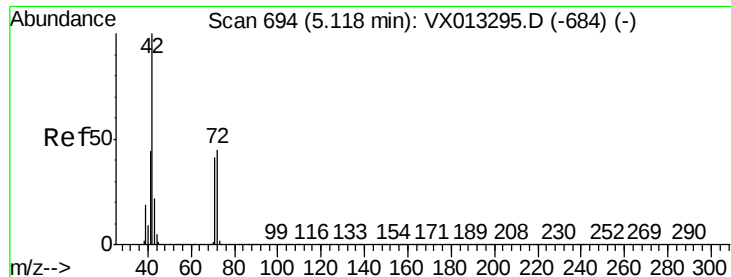


#28

Bromochloromethane
Concen: 50.022 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.2
130	81.6	63.8	95.6





#29

Tetrahydrofuran

Concen: 224.990 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

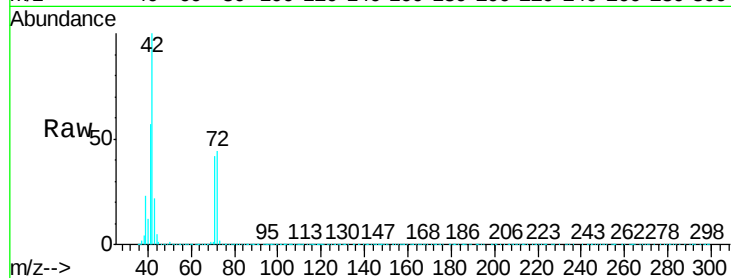
Tgt Ion: 42 Resp: 832463

Ion Ratio Lower Upper

42 100

72 44.7 35.8 53.8

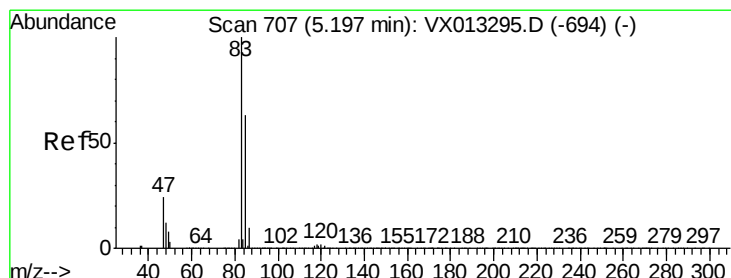
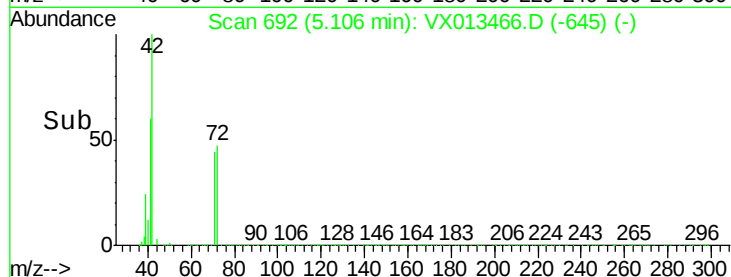
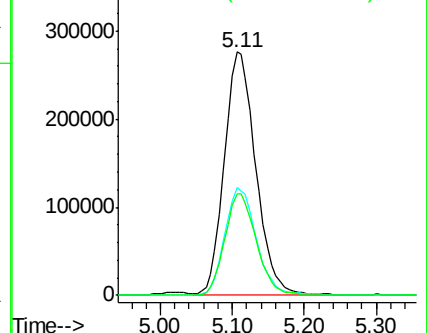
71 42.0 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.346 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013466.D

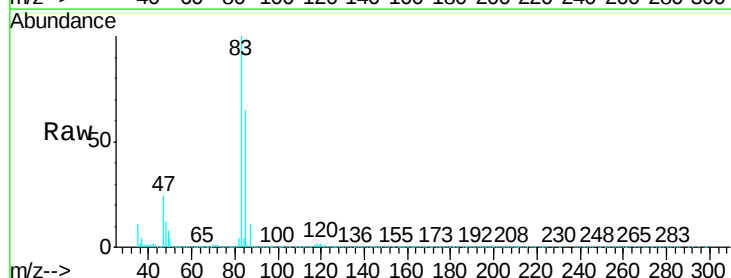
Acq: 19 Nov 2019 16:55

Tgt Ion: 83 Resp: 558236

Ion Ratio Lower Upper

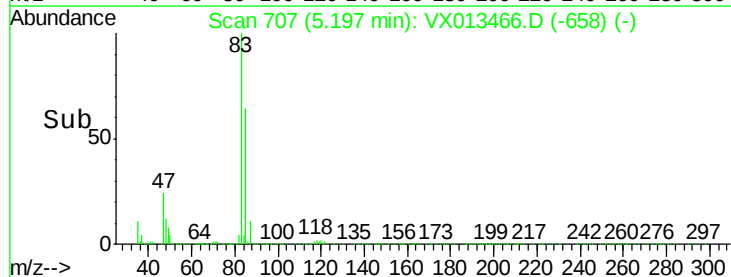
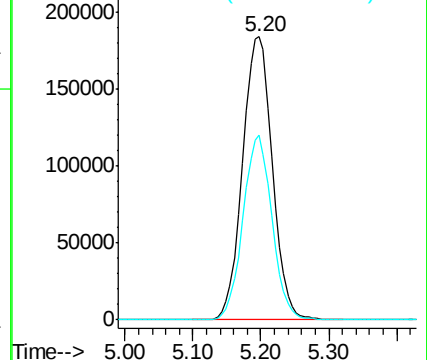
83 100

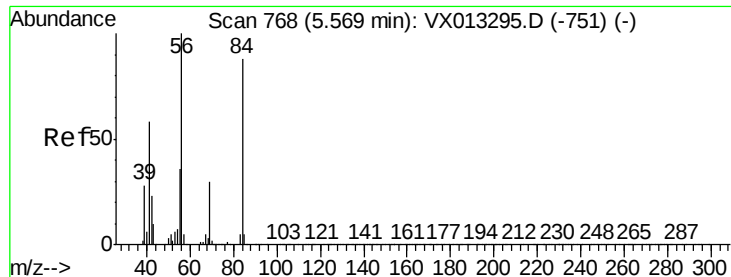
85 65.1 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 42.405 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

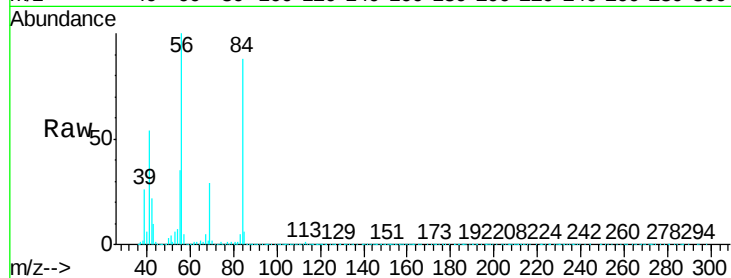
Tgt Ion: 56 Resp: 475710

Ion Ratio Lower Upper

56 100

69 29.3 23.7 35.5

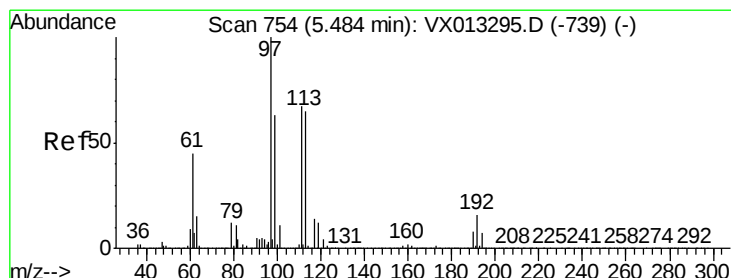
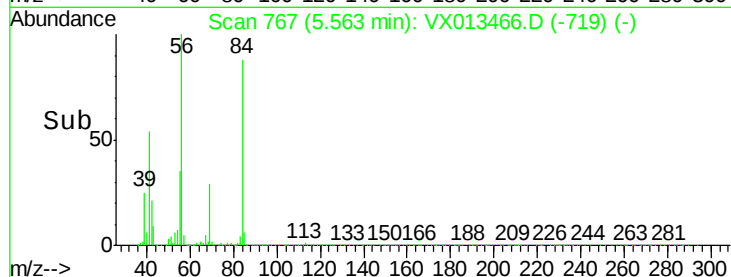
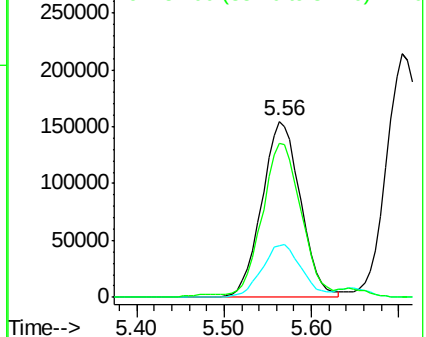
84 86.8 70.6 105.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 43.882 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

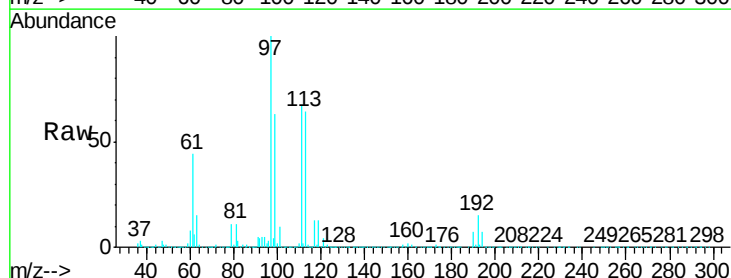
Tgt Ion: 97 Resp: 464902

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

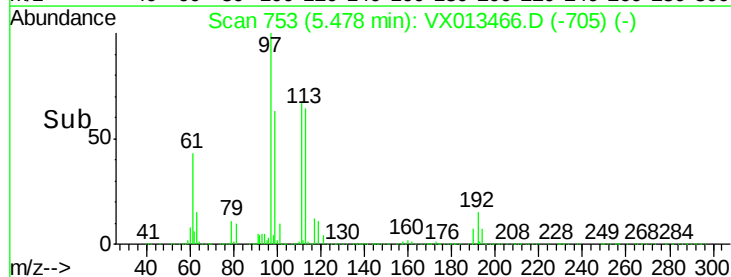
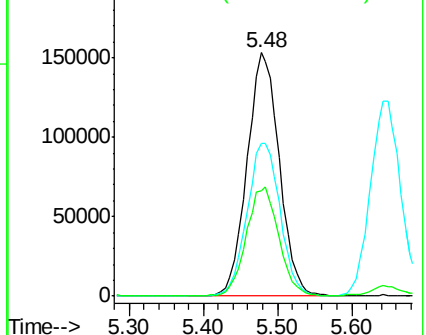
61 45.1 36.5 54.7

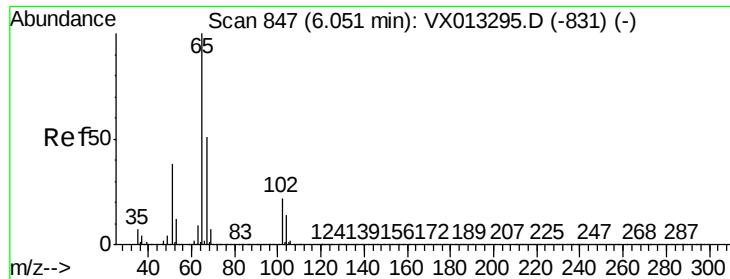


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

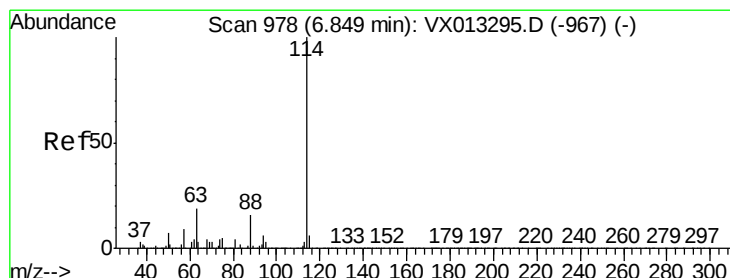
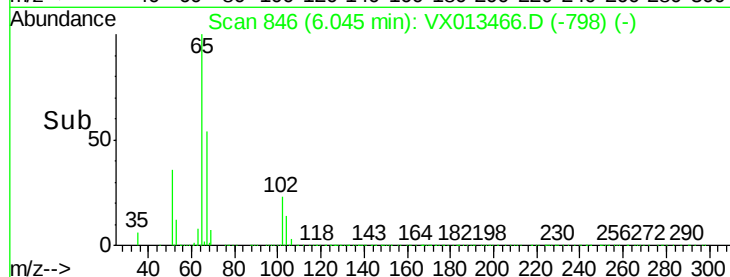
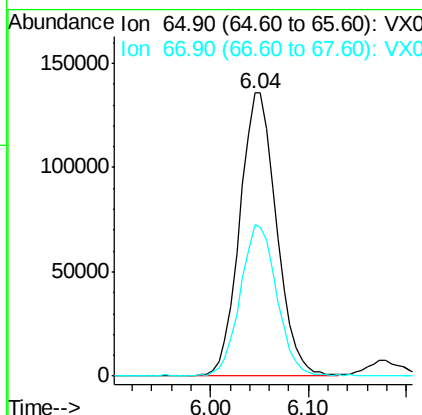
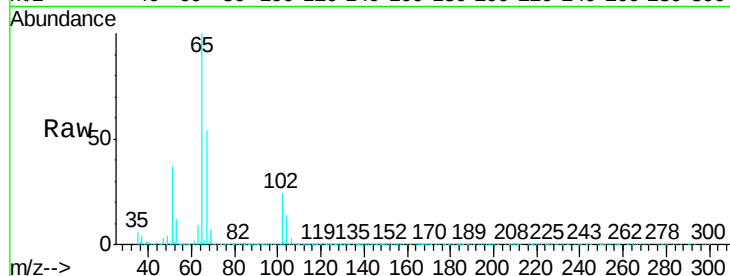




#33
 1,2-Dichloroethane-d4
 Concen: 43.238 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

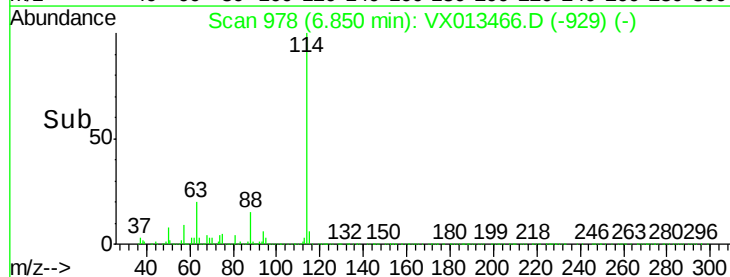
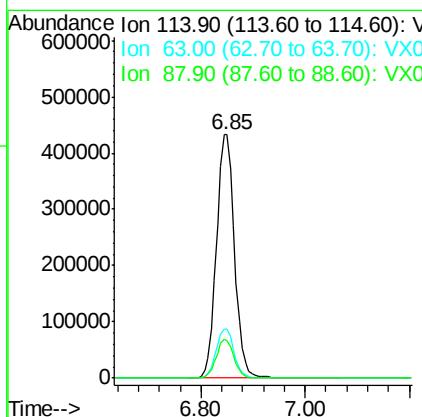
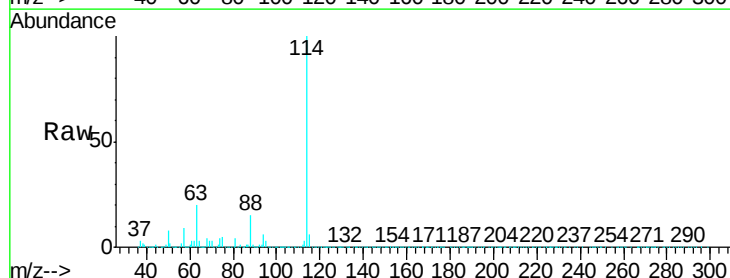
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

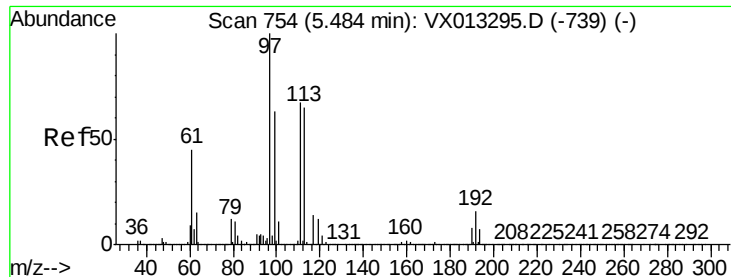
Tgt Ion: 65 Resp: 354786
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion: 114 Resp: 1051720
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.4
 88 15.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 44.088 ug/l

RT: 5.48 min Scan# 754

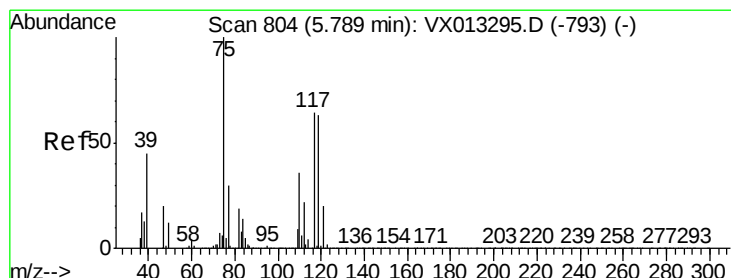
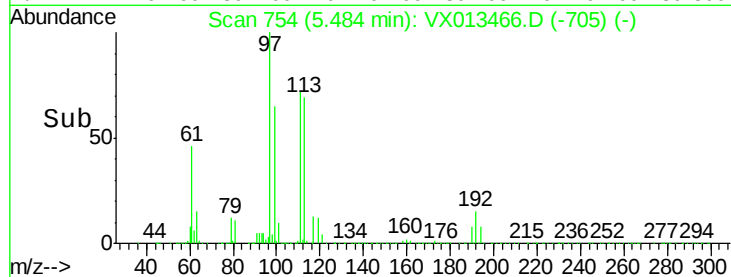
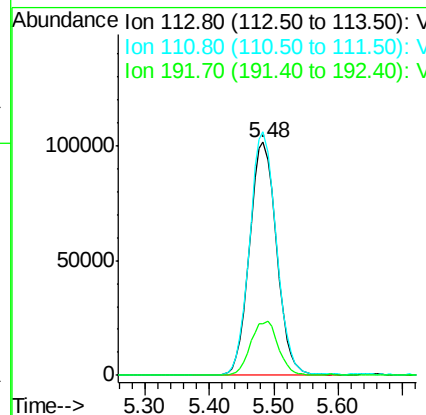
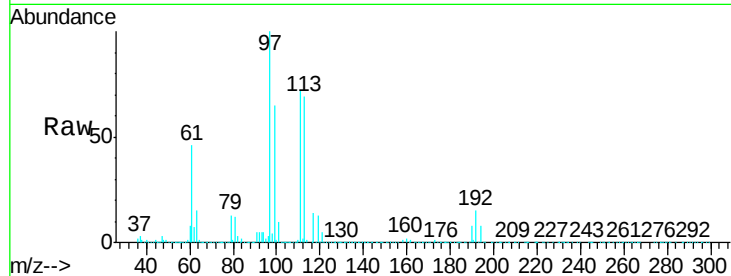
Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	113	Resp:	290826
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	23.7	19.1	28.7



#36

1,1-Dichloropropene

Concen: 44.557 ug/l

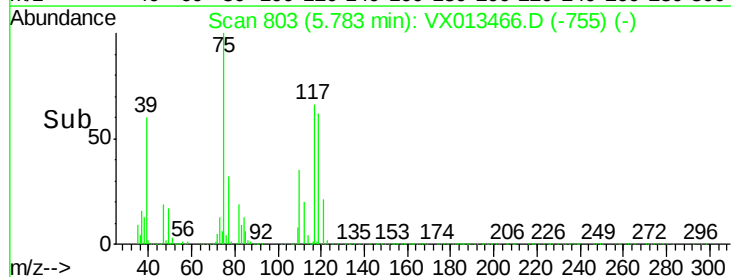
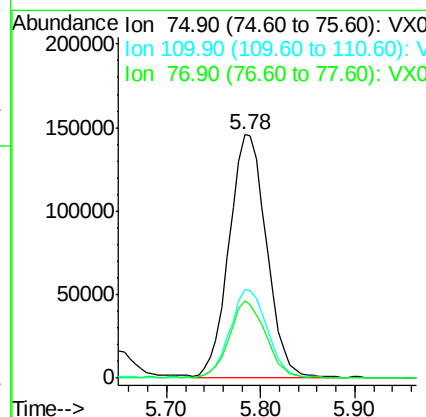
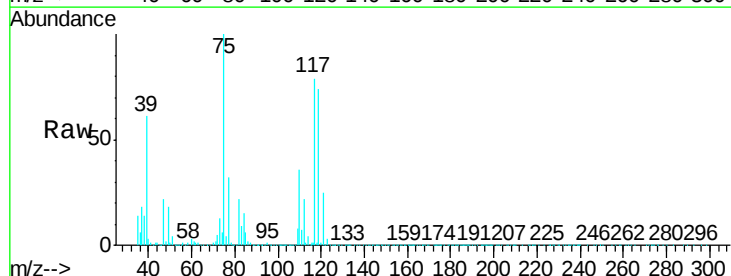
RT: 5.78 min Scan# 803

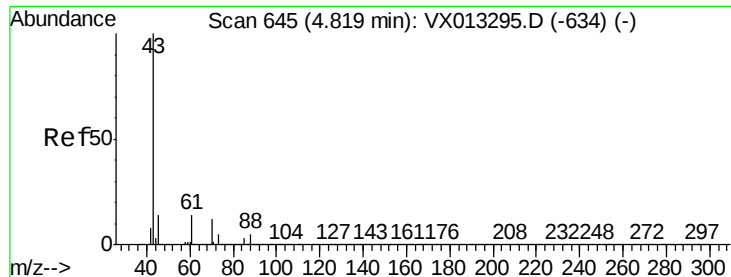
Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion:	75	Resp:	402011
Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.1
77	30.6	25.0	37.4

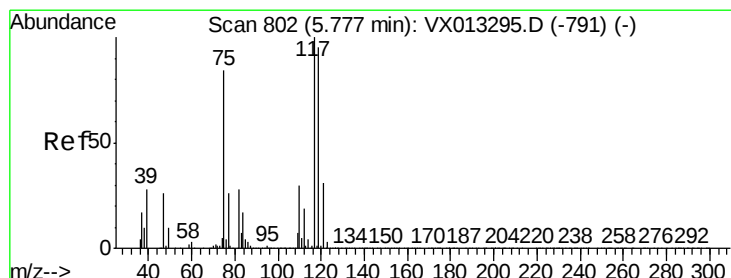
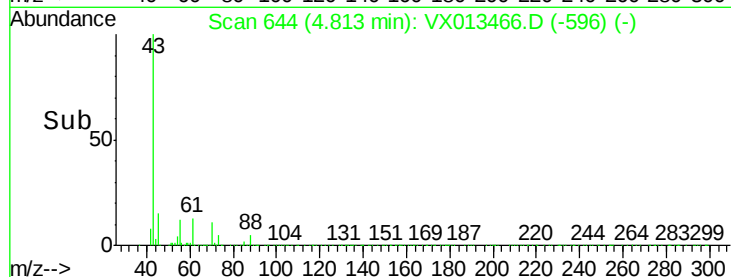
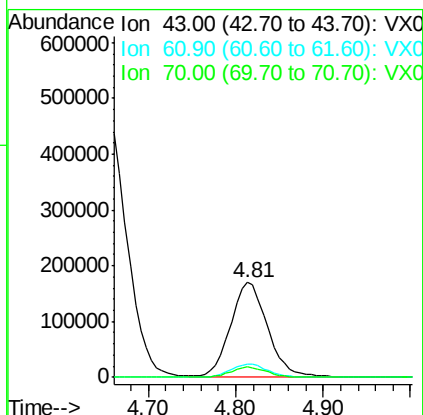
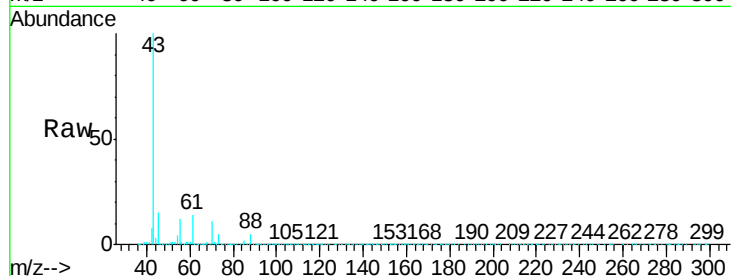




#37
Ethyl Acetate
Concen: 44.133 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

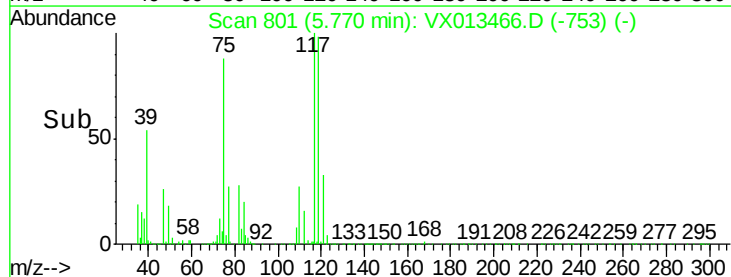
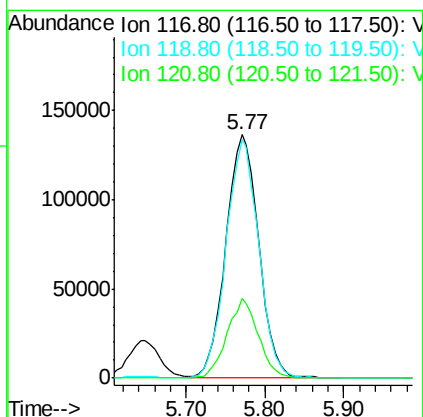
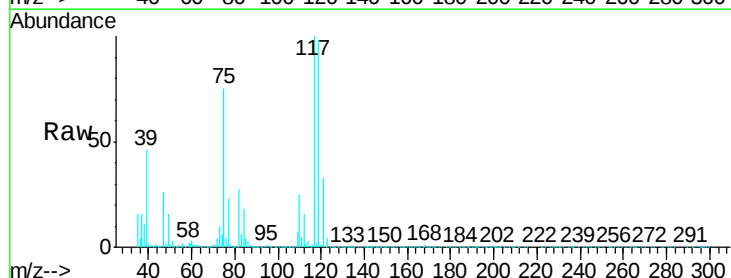
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

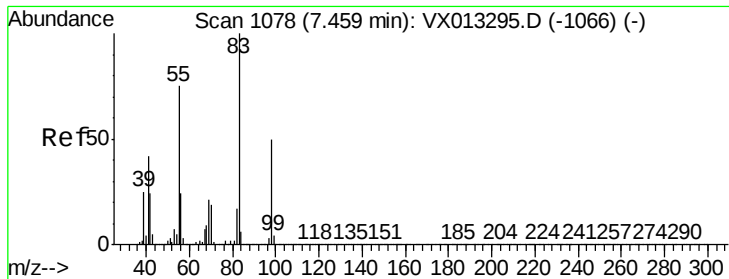
Tgt Ion: 43 Resp: 492032
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 44.724 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 117 Resp: 394591
Ion Ratio Lower Upper
117 100
119 98.1 76.1 114.1
121 32.8 24.6 37.0

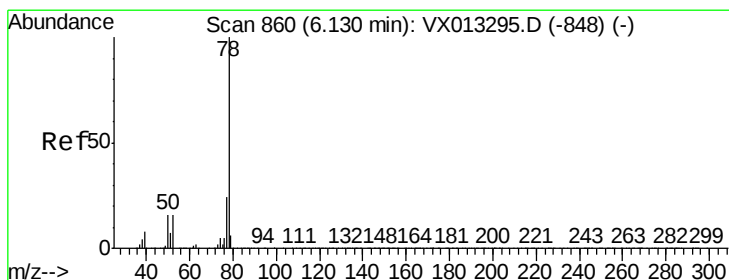
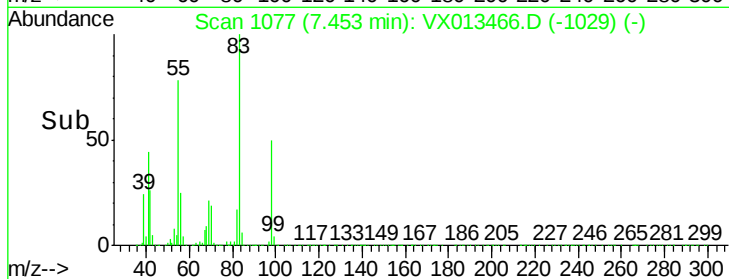
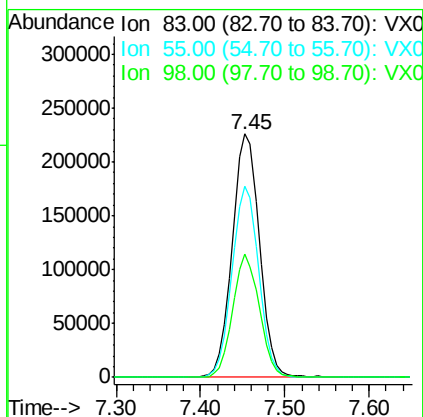
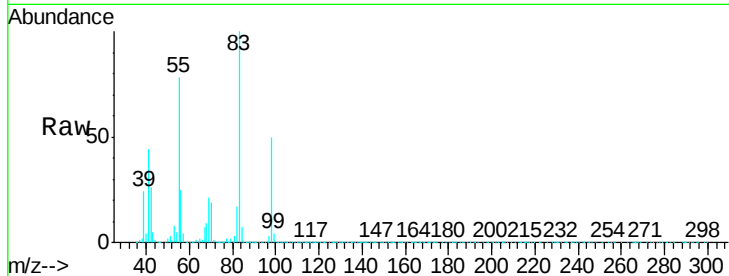




#39
Methylcyclohexane
Concen: 43.932 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

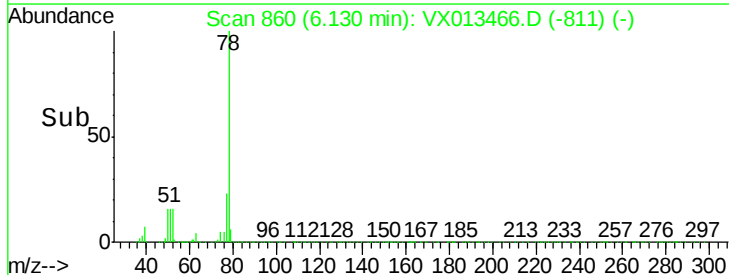
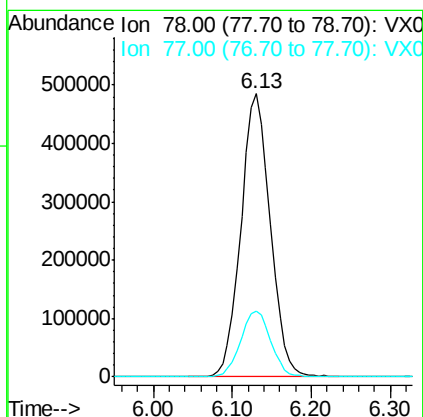
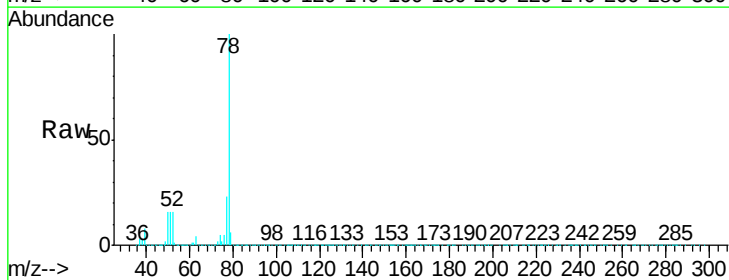
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

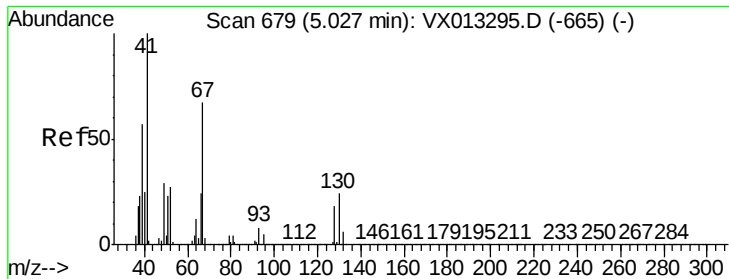
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.3	90.5
98	50.4	40.3	60.5



#40
Benzene
Concen: 44.657 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3





#41

Methacrylonitrile

Concen: 45.832 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

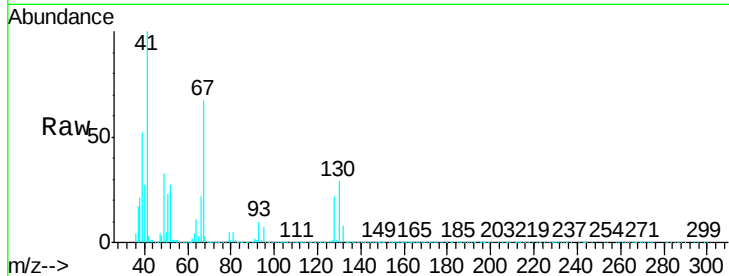
Tgt Ion: 41 Resp: 286397
Ion Ratio Lower Upper

41 100

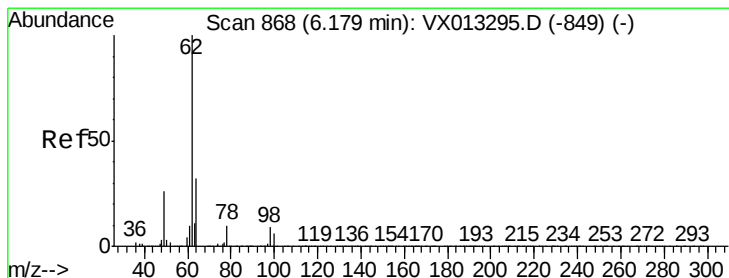
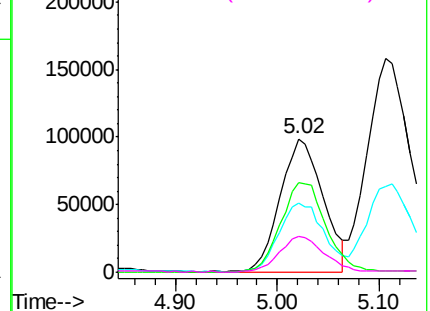
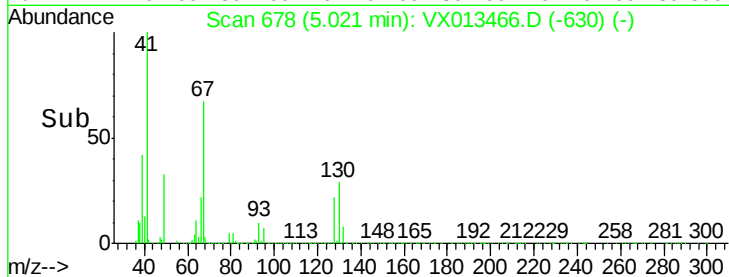
39 55.2 45.0 67.6

67 70.5 55.4 83.2

52 27.7 23.1 34.7



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: 44.245 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

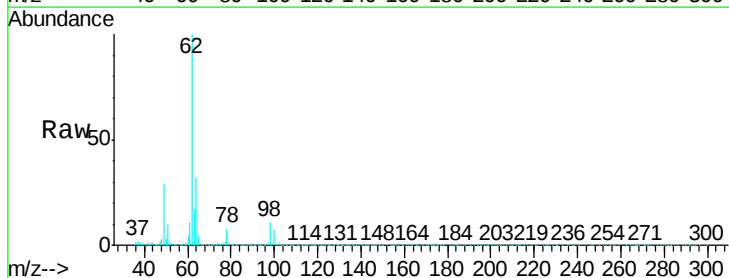
Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

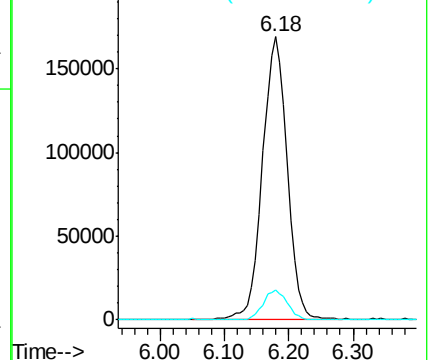
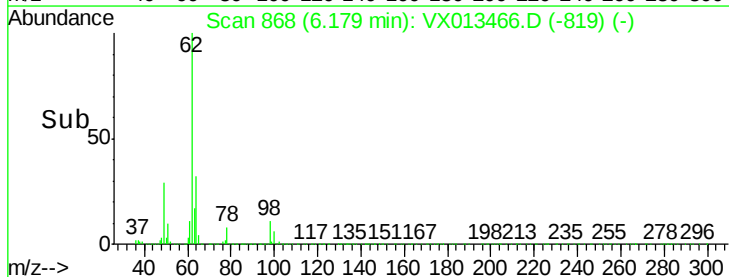
Tgt Ion: 62 Resp: 448536
Ion Ratio Lower Upper

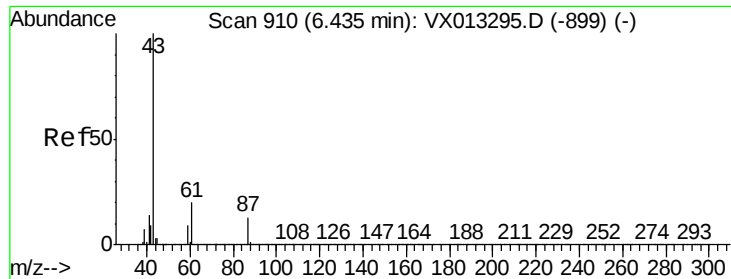
62 100

98 10.3 0.0 19.4



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





#43

Isopropyl Acetate

Concen: 47.312 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

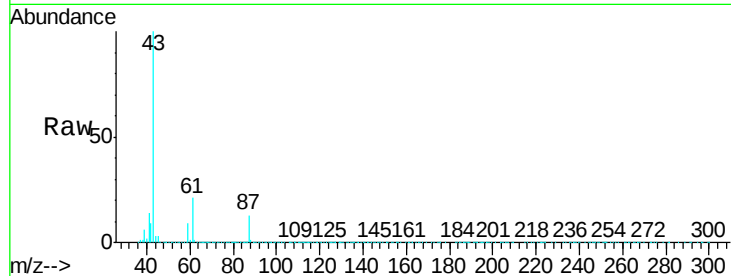
Tgt Ion: 43 Resp: 821358

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.8

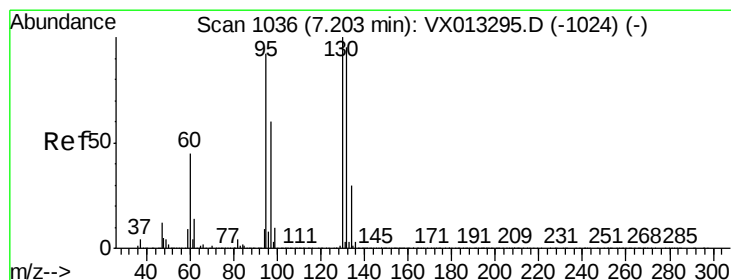
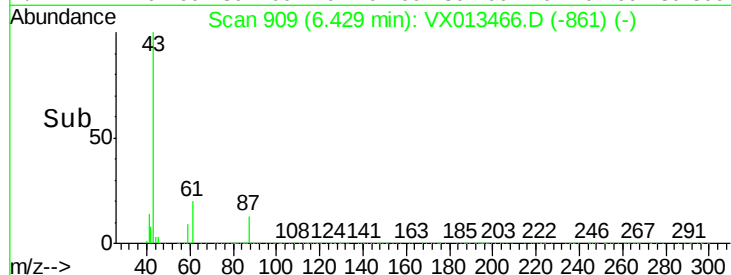
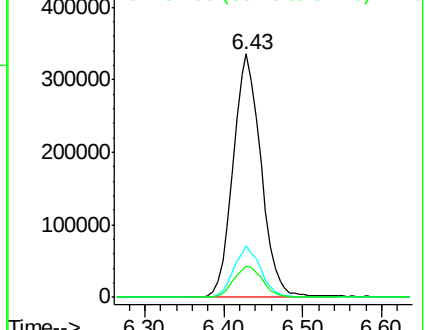
87 13.2 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 43.342 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013466.D

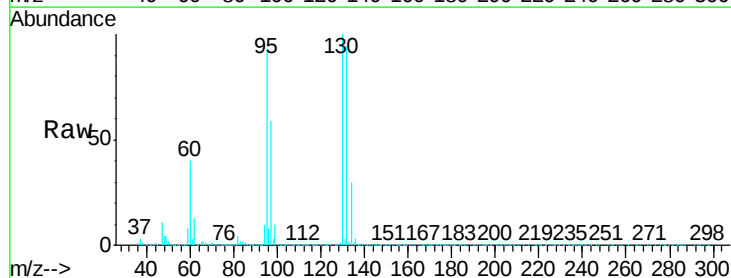
Acq: 19 Nov 2019 16:55

Tgt Ion: 130 Resp: 335306

Ion Ratio Lower Upper

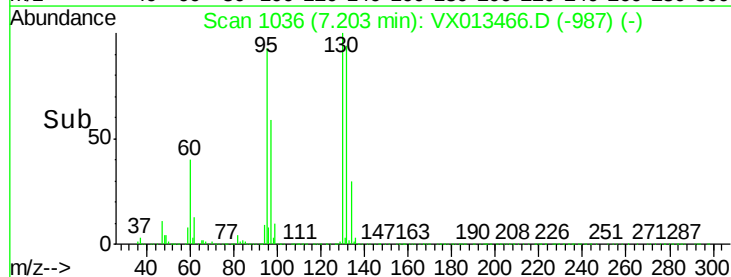
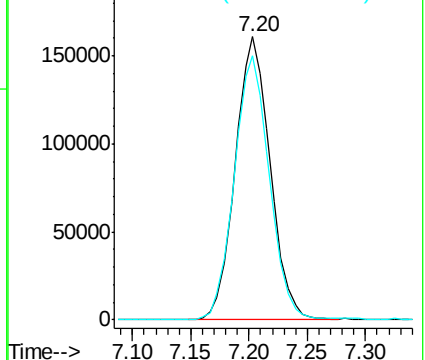
130 100

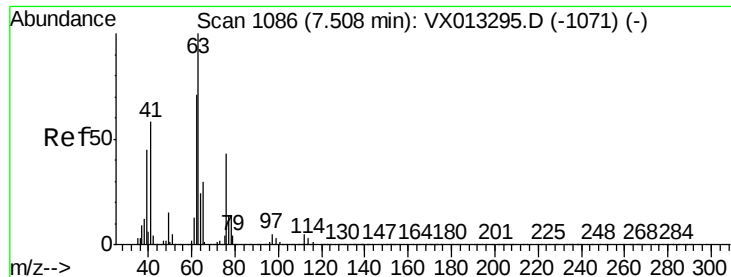
95 93.2 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 46.974 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

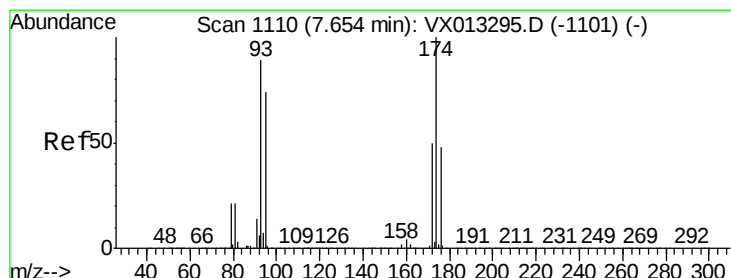
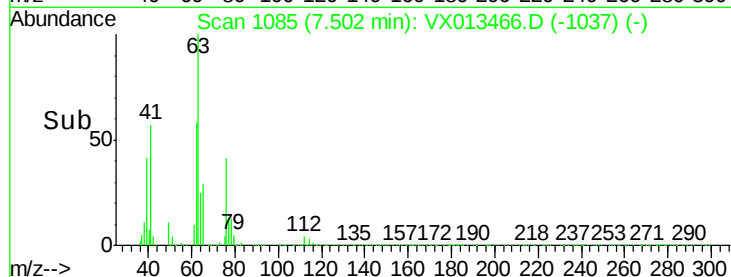
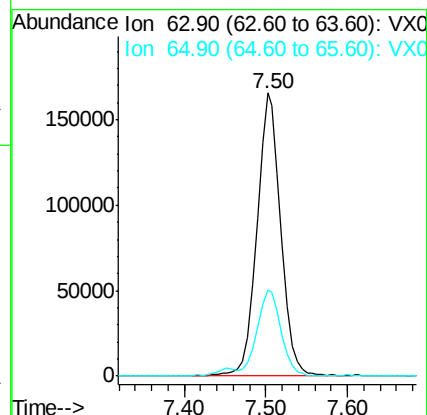
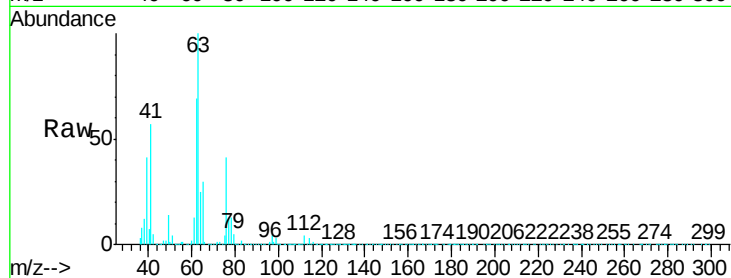
VSTDCCC050EC

Tgt Ion: 63 Resp: 336379

Ion Ratio Lower Upper

63 100

65 30.2 24.3 36.5



#46

Dibromomethane

Concen: 44.471 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

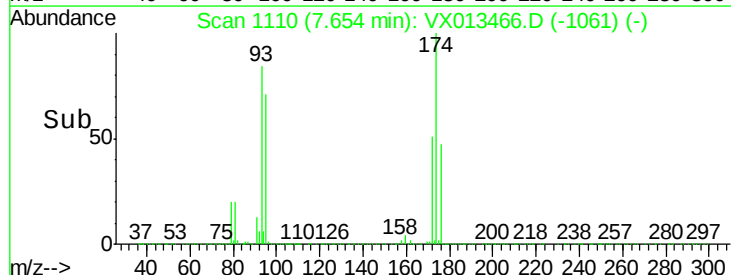
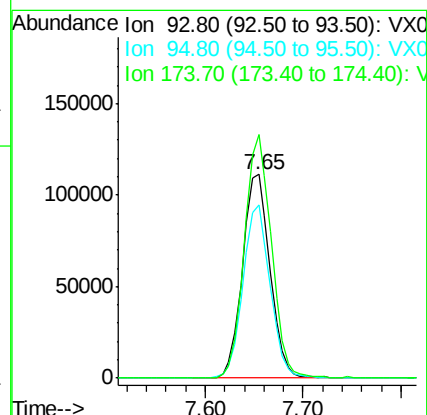
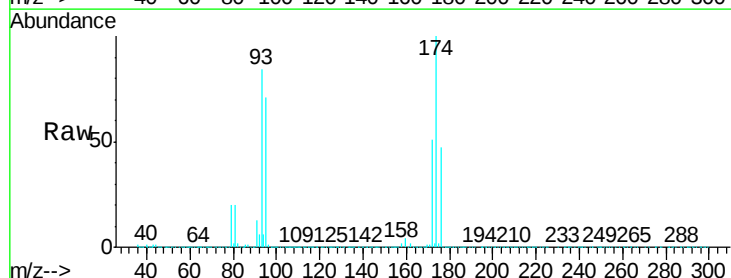
Tgt Ion: 93 Resp: 217434

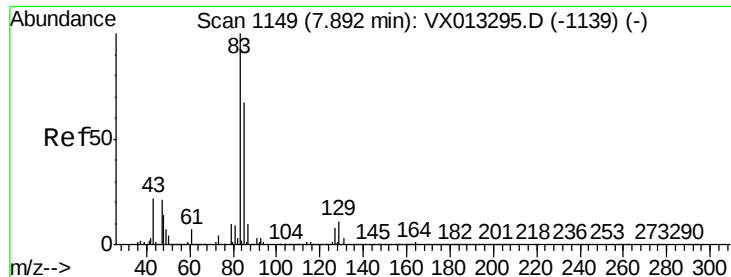
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

174 117.3 90.4 135.6





#47

Bromodichloromethane

Concen: 48.018 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

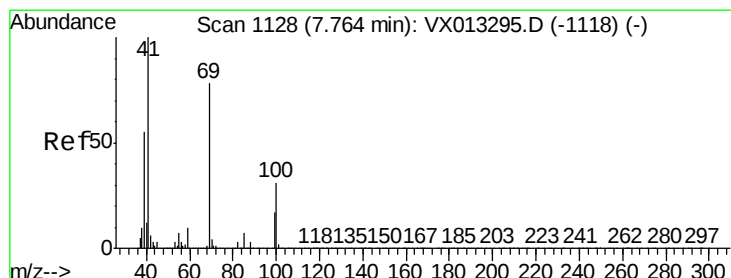
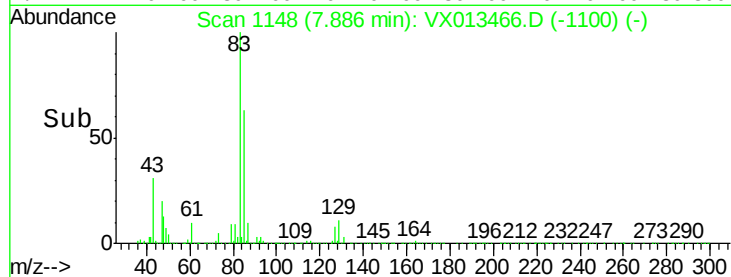
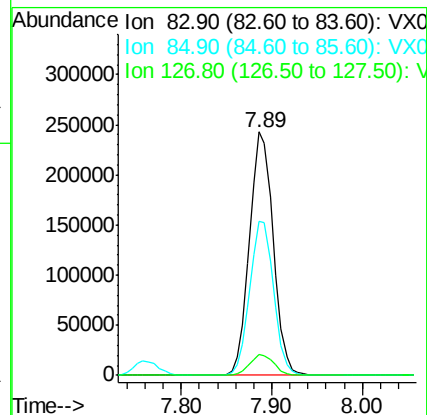
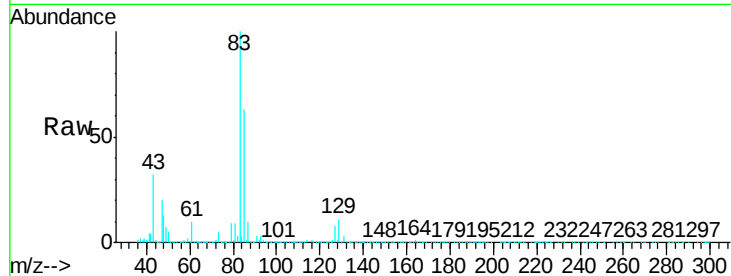
Tgt Ion: 83 Resp: 442719

Ion Ratio Lower Upper

83 100

85 63.2 53.7 80.5

127 8.3 6.4 9.6



#48

Methyl methacrylate

Concen: 46.993 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

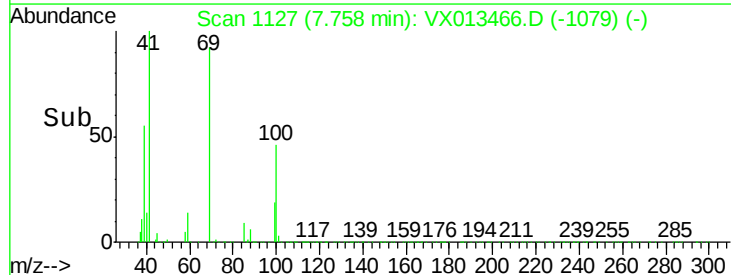
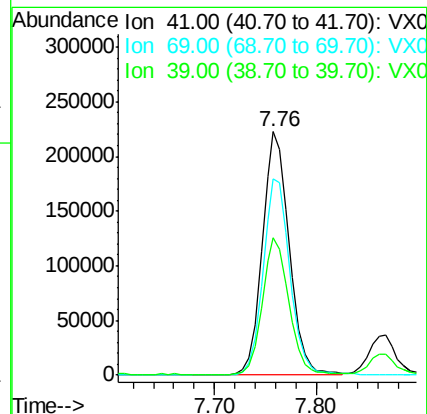
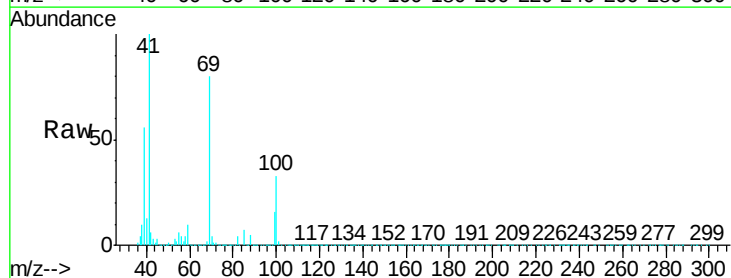
Tgt Ion: 41 Resp: 407237

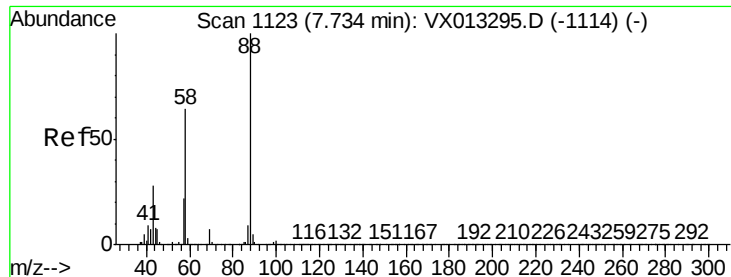
Ion Ratio Lower Upper

41 100

69 81.4 63.0 94.6

39 56.5 45.9 68.9

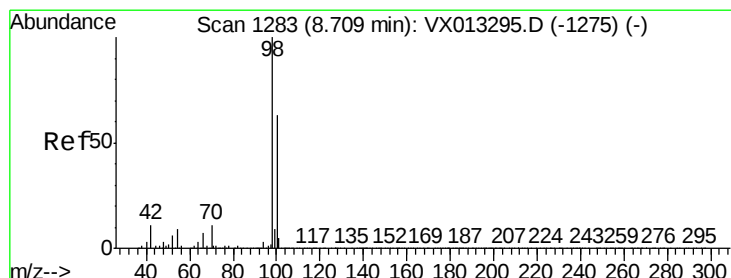
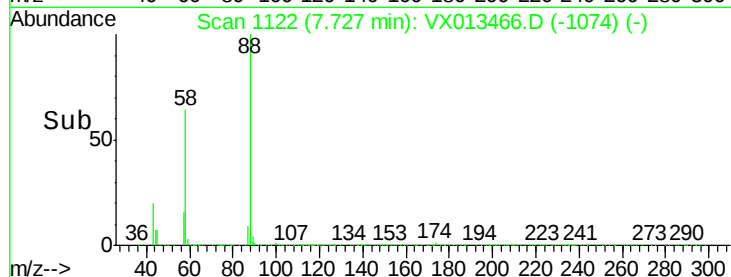
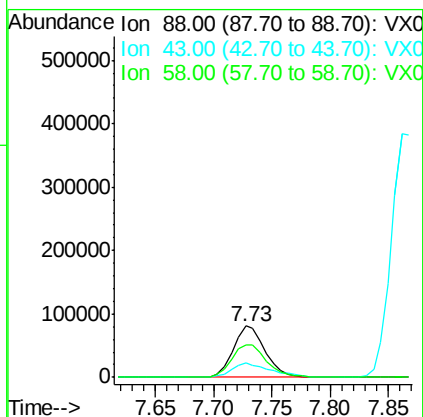
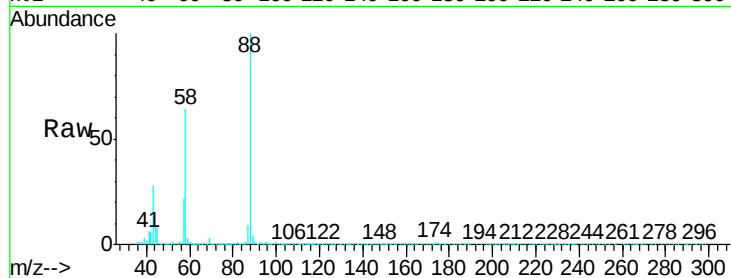




#49
1,4-Dioxane
Concen: 765.078 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

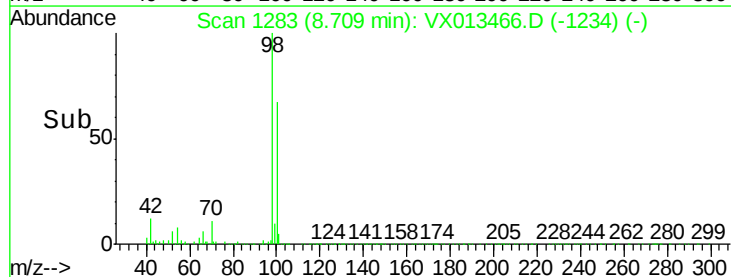
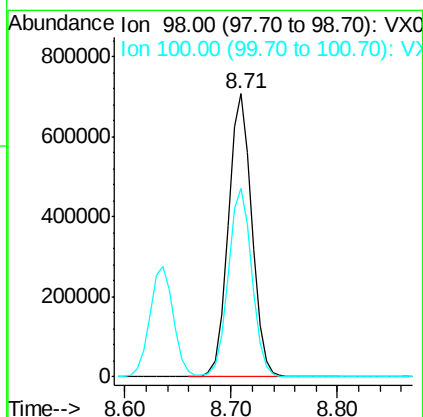
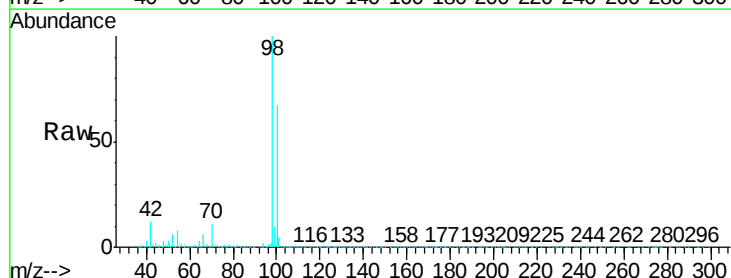
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

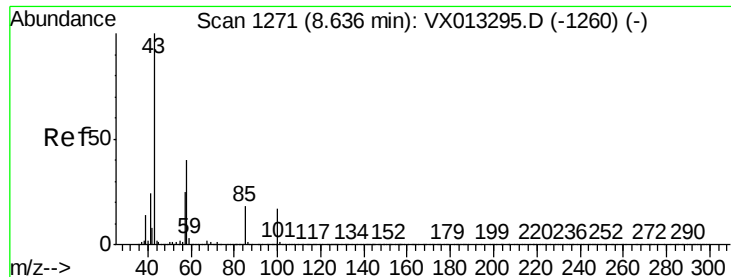
Tgt Ion: 88 Resp: 151838
Ion Ratio Lower Upper
88 100
43 33.8 26.6 39.8
58 71.7 55.0 82.6



#50
Toluene-d8
Concen: 43.919 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 98 Resp: 1092198
Ion Ratio Lower Upper
98 100
100 66.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 227.834 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

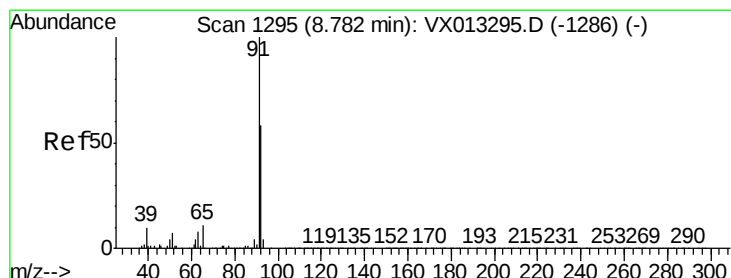
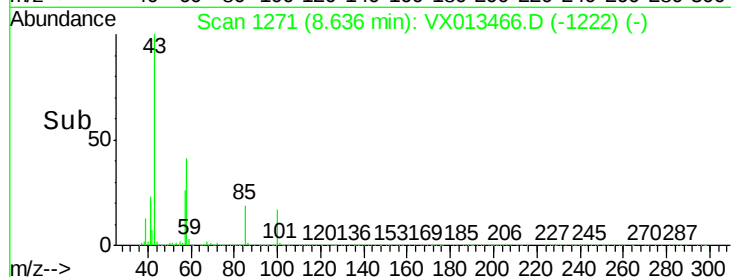
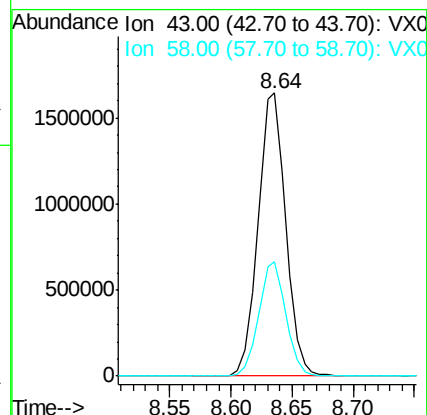
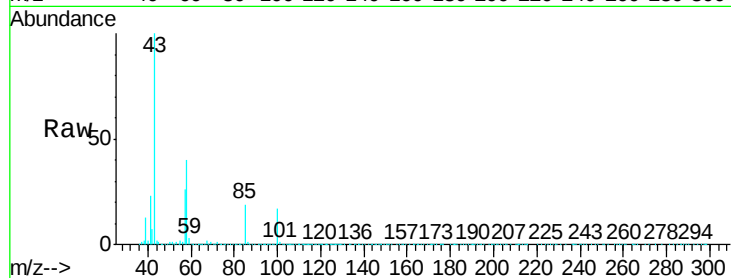
VSTDCCC050EC

Tgt Ion: 43 Resp: 2595041

Ion Ratio Lower Upper

43 100

58 39.7 31.4 47.0



#52

Toluene

Concen: 45.632 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013466.D

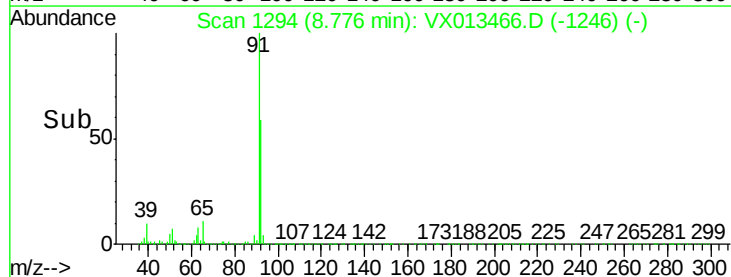
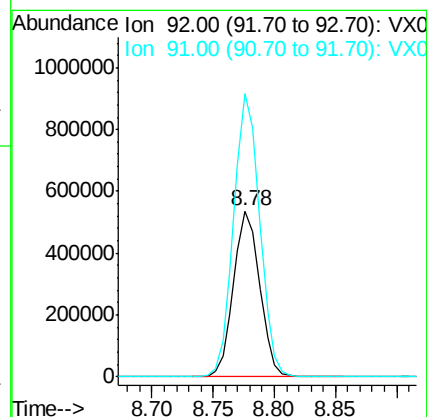
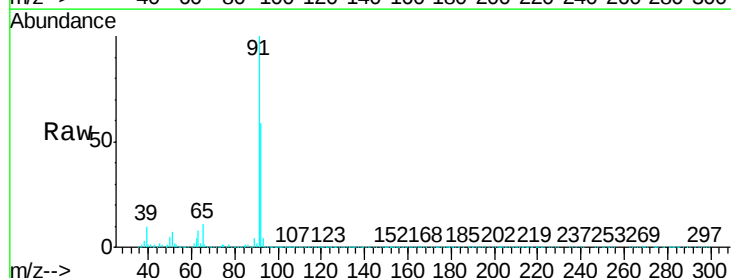
Acq: 19 Nov 2019 16:55

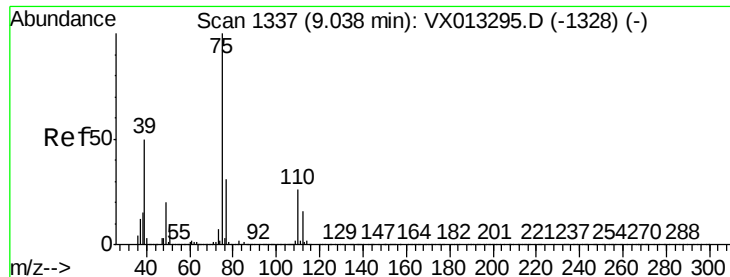
Tgt Ion: 92 Resp: 794863

Ion Ratio Lower Upper

92 100

91 169.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 49.073 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

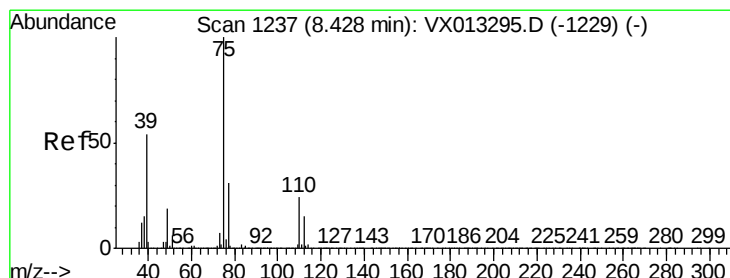
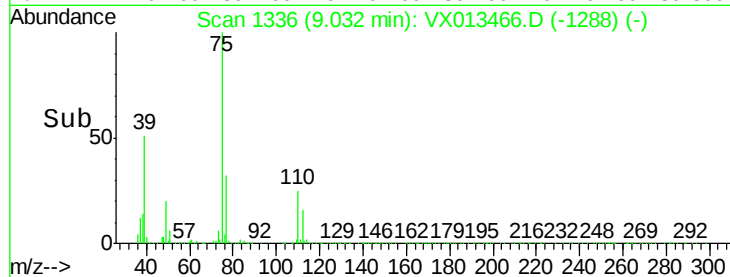
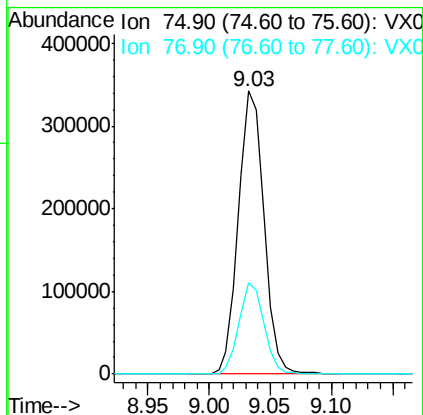
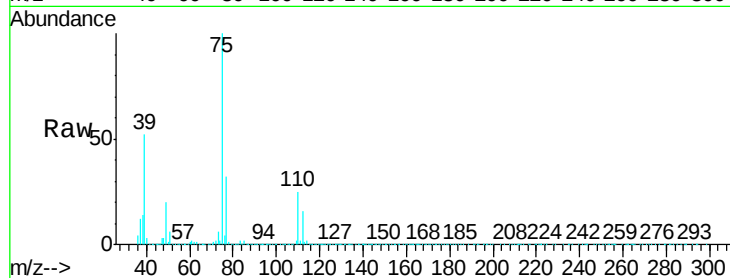
VSTDCCC050EC

Tgt Ion: 75 Resp: 494744

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 48.274 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

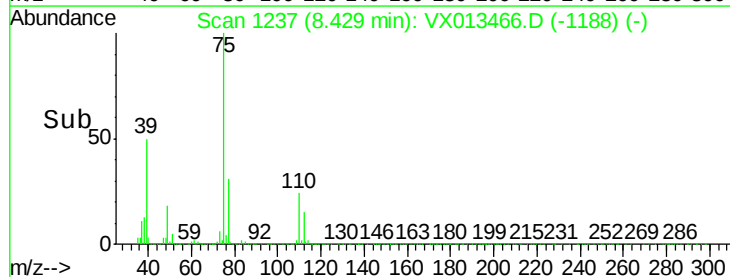
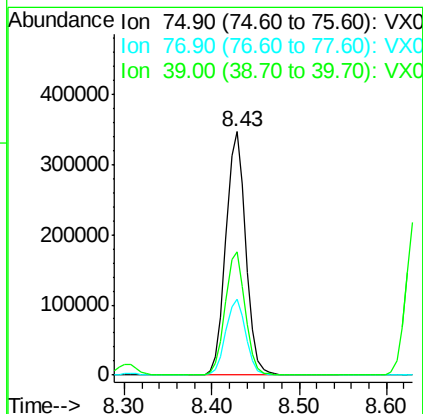
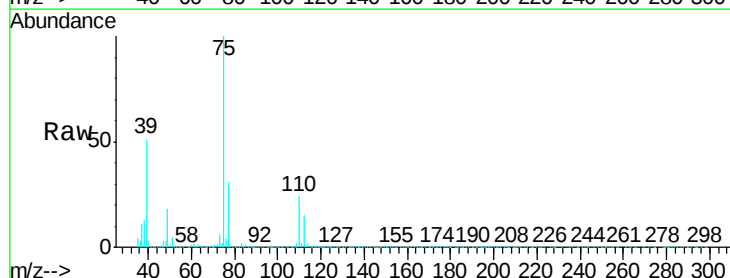
Tgt Ion: 75 Resp: 544409

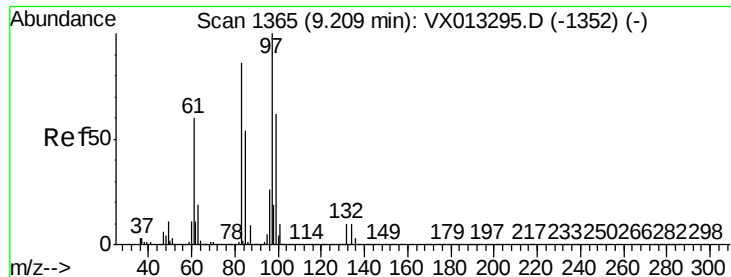
Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1

39 50.4 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 46.799 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 337891

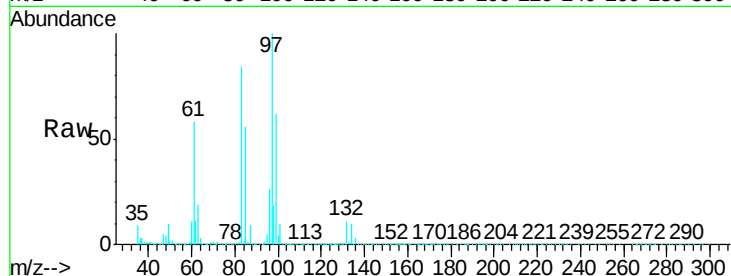
Ion Ratio Lower Upper

97 100

83 84.4 68.6 103.0

85 55.9 43.1 64.7

99 62.1 49.4 74.0

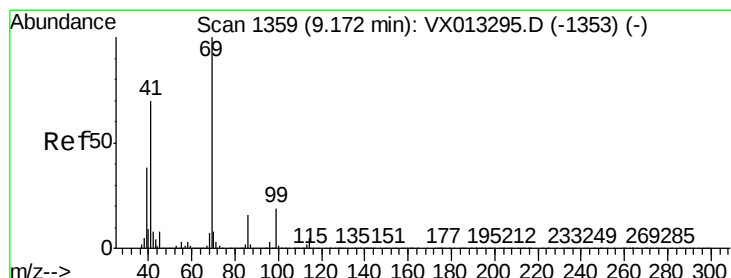
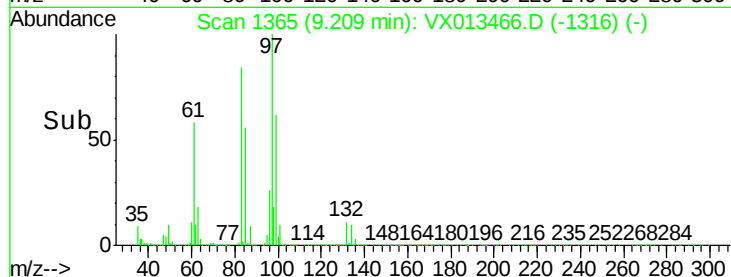
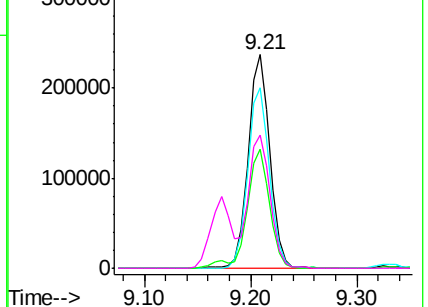


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 45.084 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

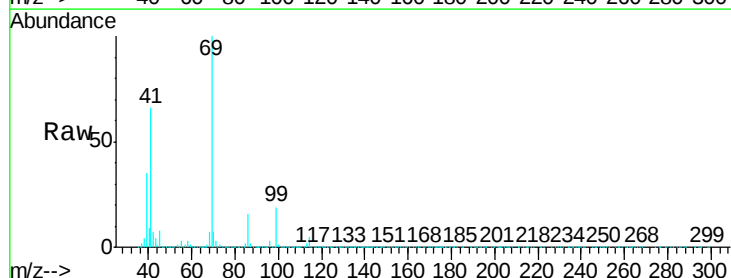
Tgt Ion: 69 Resp: 553751

Ion Ratio Lower Upper

69 100

41 67.7 56.2 84.2

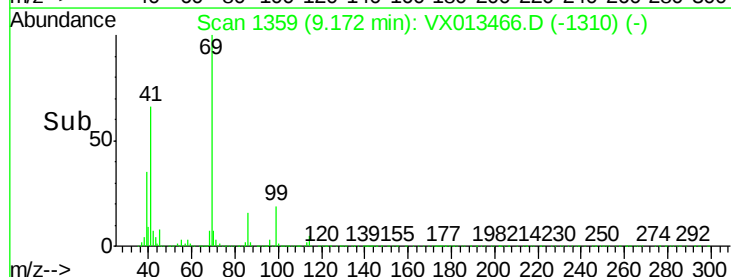
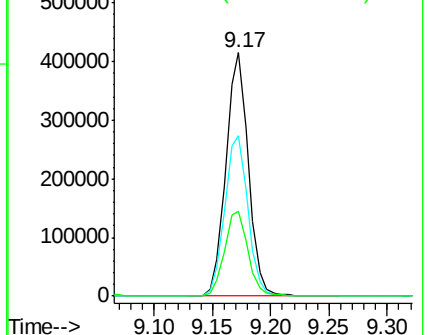
39 36.1 31.1 46.7

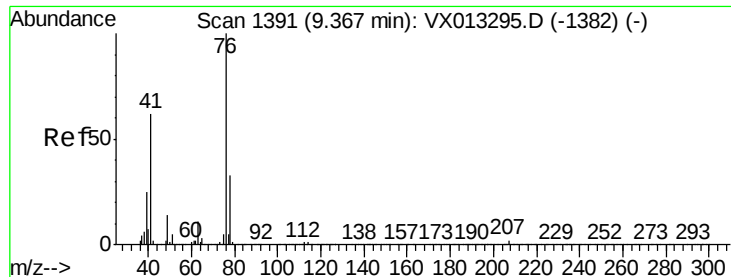


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.698 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

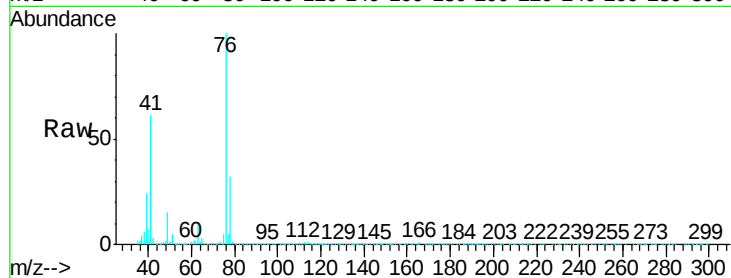
VSTDCCC050EC

Tgt Ion: 76 Resp: 572339

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

400000

300000

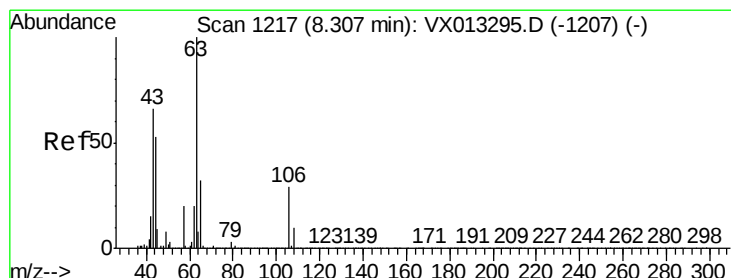
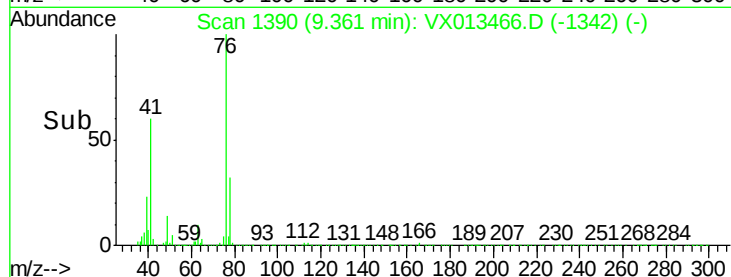
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.987 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013466.D

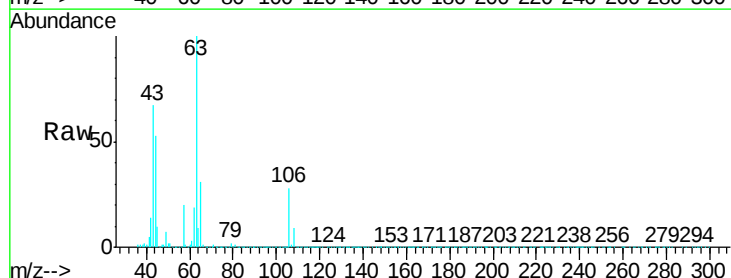
Acq: 19 Nov 2019 16:55

Tgt Ion: 63 Resp: 1214365

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

800000

600000

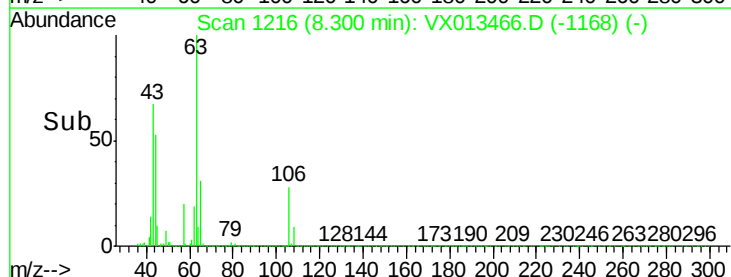
400000

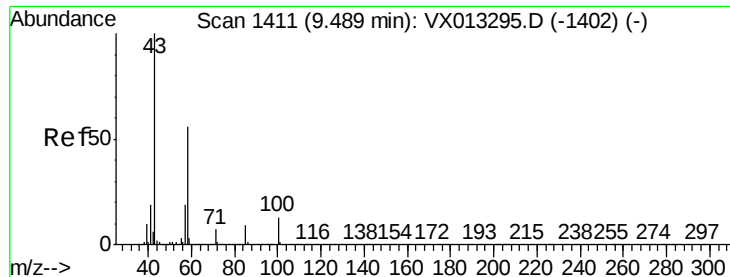
200000

0

8.20 8.30 8.40

Time-->

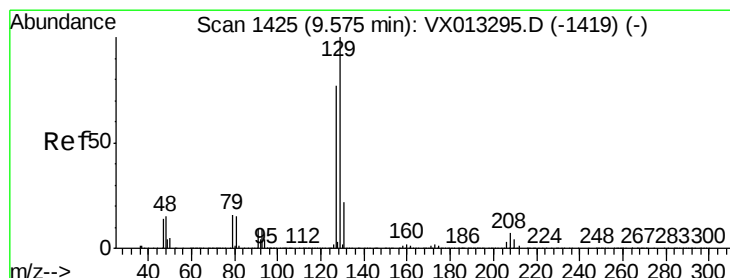
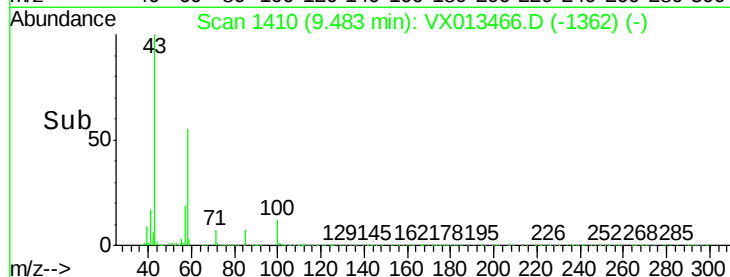
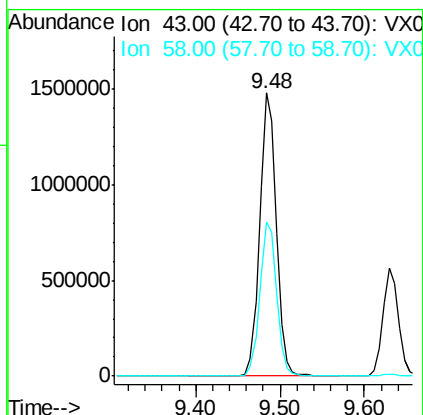
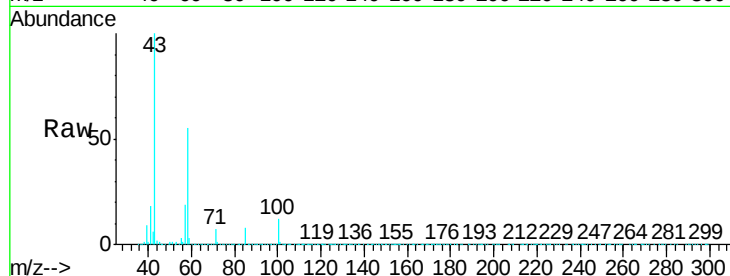




#59
2-Hexanone
Concen: 226.592 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

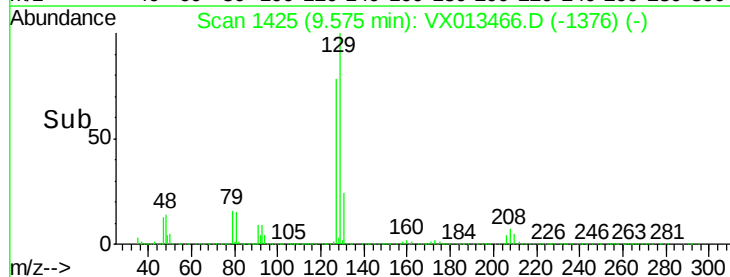
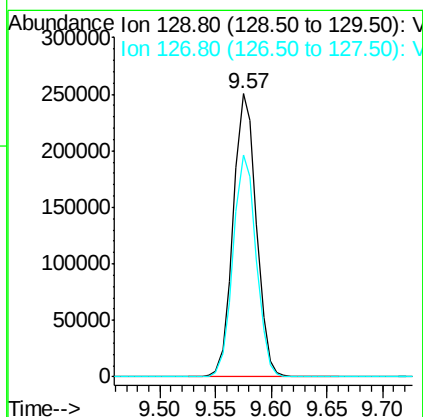
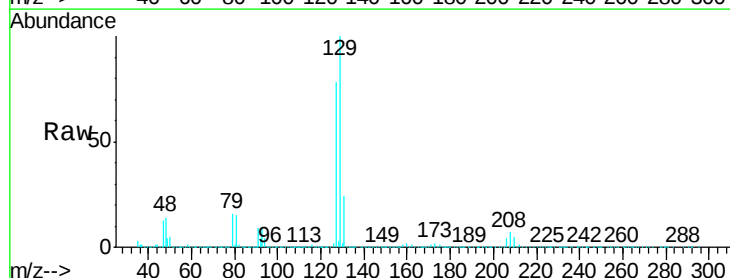
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

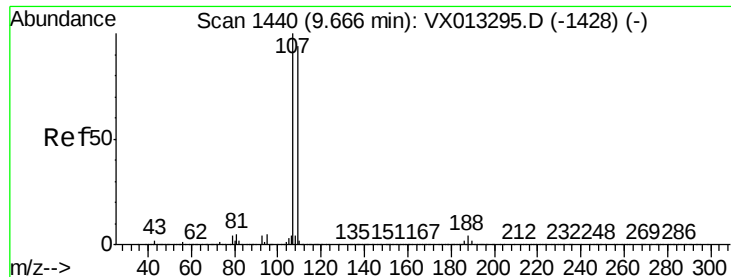
Tgt Ion: 43 Resp: 1994454
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 48.847 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 129 Resp: 360695
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 46.064 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

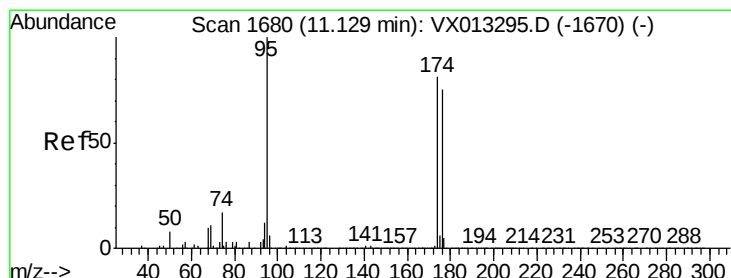
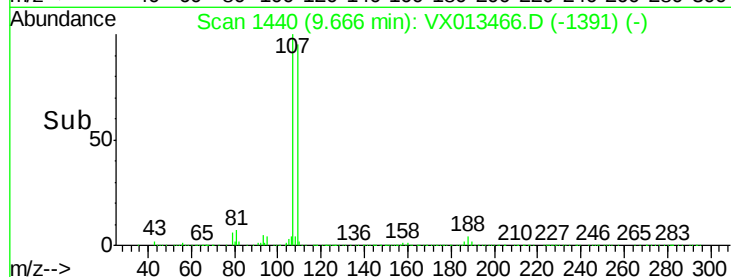
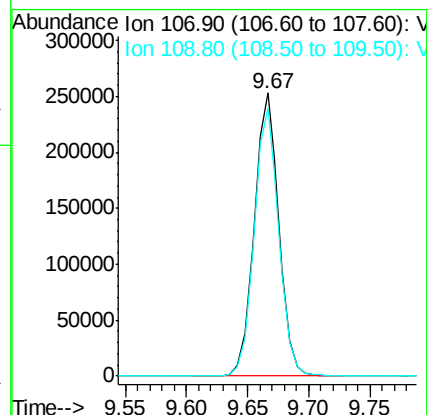
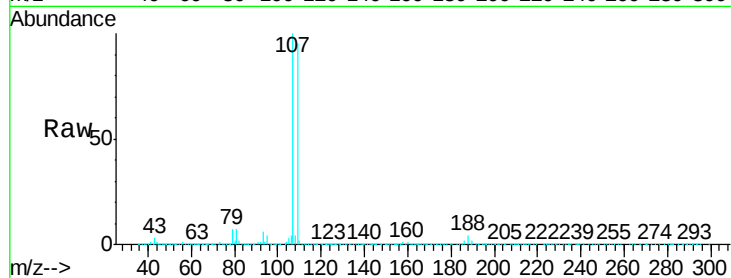
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 353160

Ion Ratio Lower Upper

107 100

109 94.8 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 45.320 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

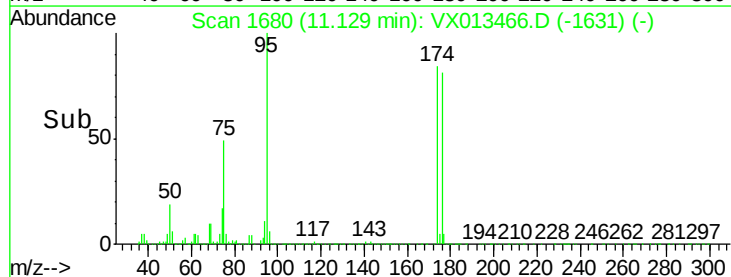
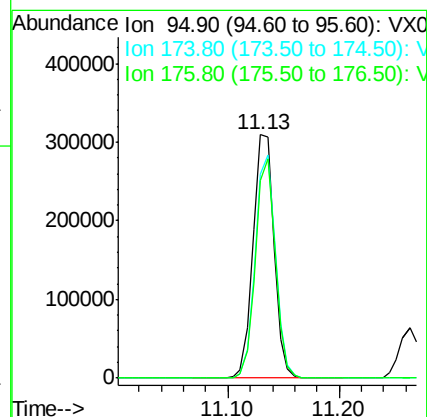
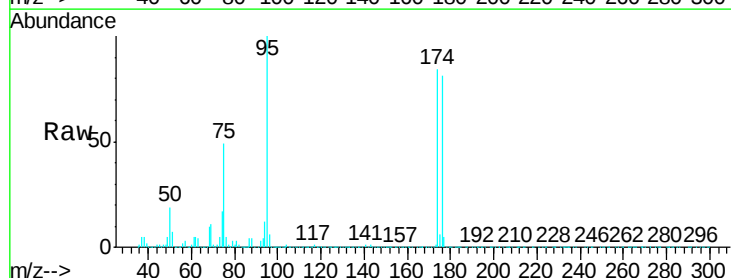
Tgt Ion: 95 Resp: 406755

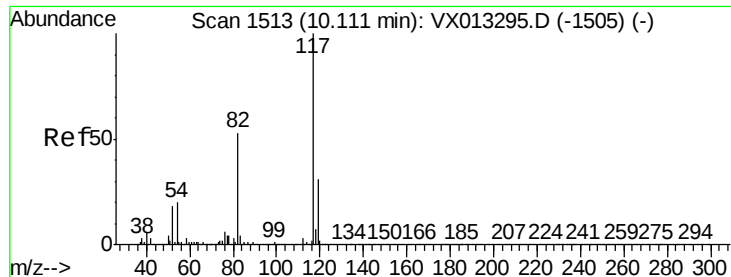
Ion Ratio Lower Upper

95 100

174 88.4 0.0 179.8

176 85.7 0.0 173.0

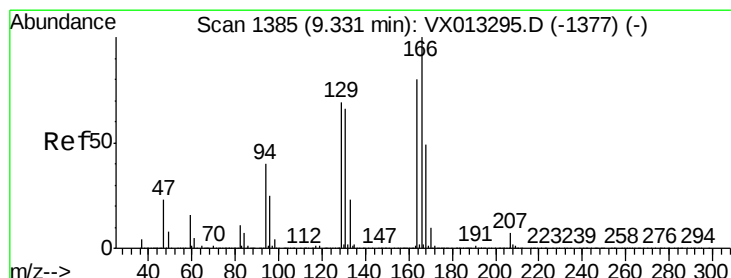
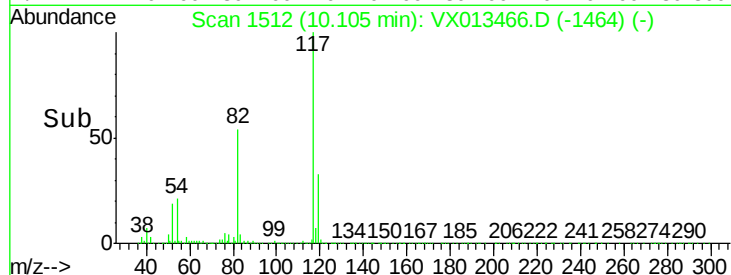
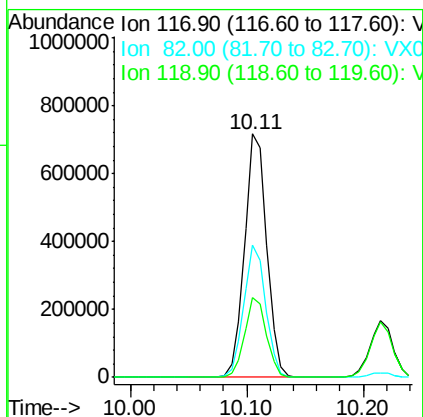
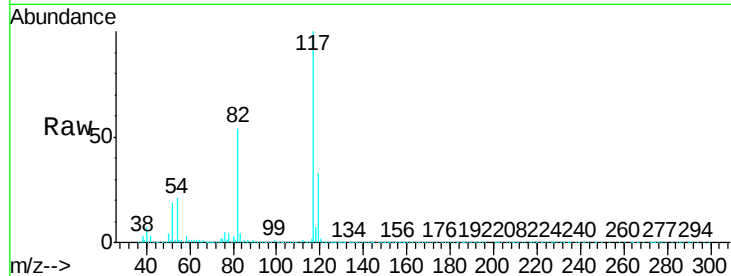




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

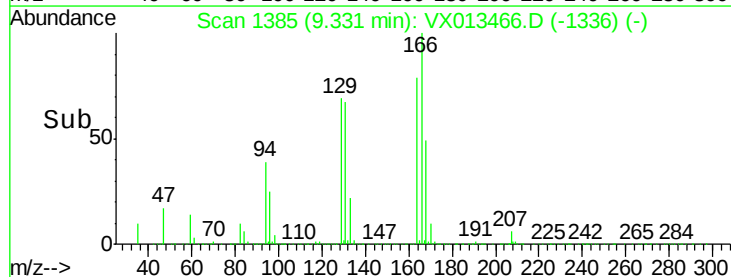
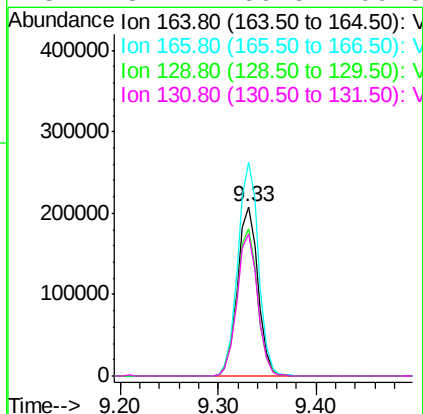
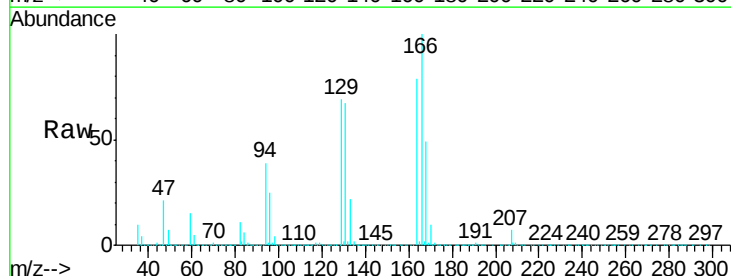
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

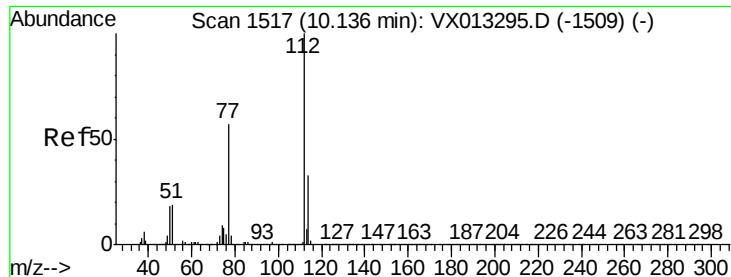
Tgt Ion:117 Resp: 956025
Ion Ratio Lower Upper
117 100
82 54.3 42.6 64.0
119 32.6 24.8 37.2



#64
Tetrachloroethene
Concen: 44.323 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion:164 Resp: 303342
Ion Ratio Lower Upper
164 100
166 126.0 100.4 150.6
129 86.9 69.4 104.2
131 84.1 66.6 100.0





#65

Chlorobenzene

Concen: 44.623 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

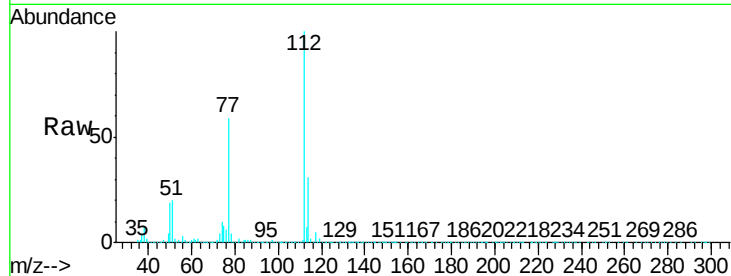
VSTDCCC050EC

Tgt Ion:112 Resp: 863685

Ion Ratio Lower Upper

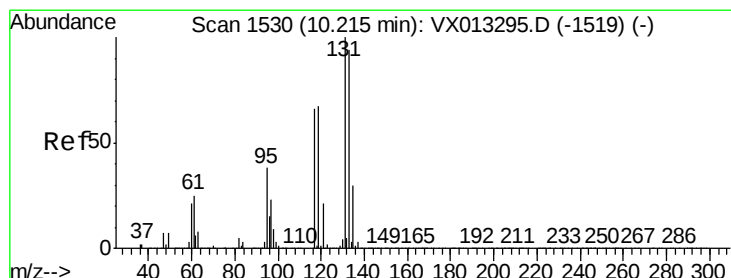
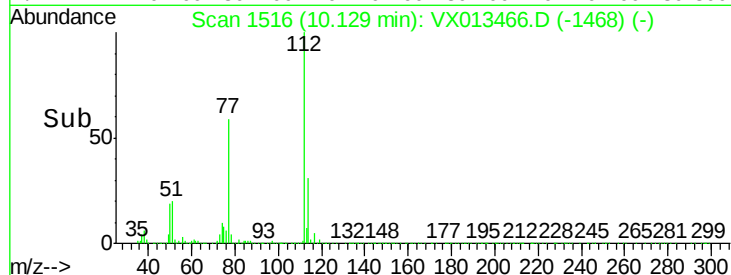
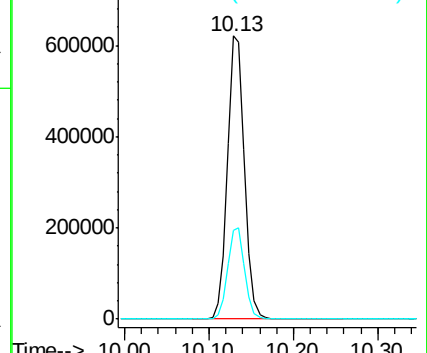
112 100

114 31.3 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.680 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

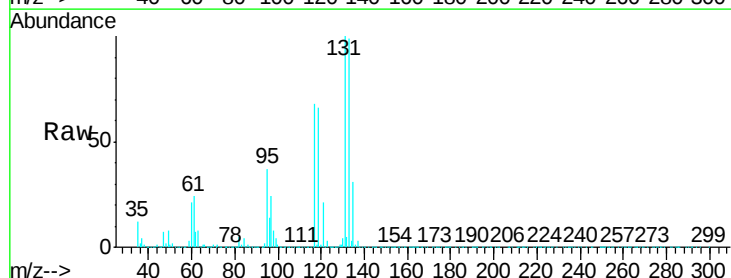
Tgt Ion:131 Resp: 331744

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

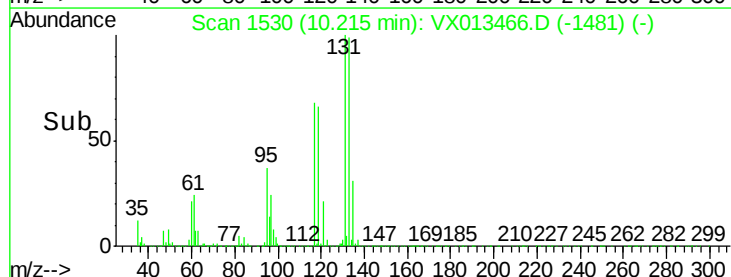
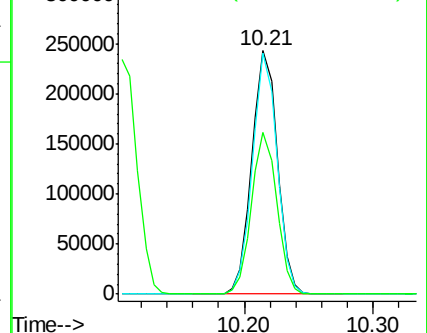
119 65.6 33.0 99.0

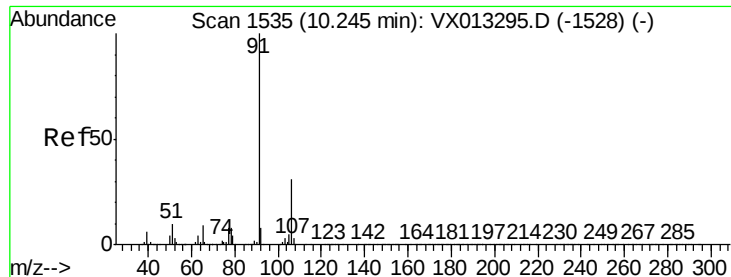


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 45.463 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

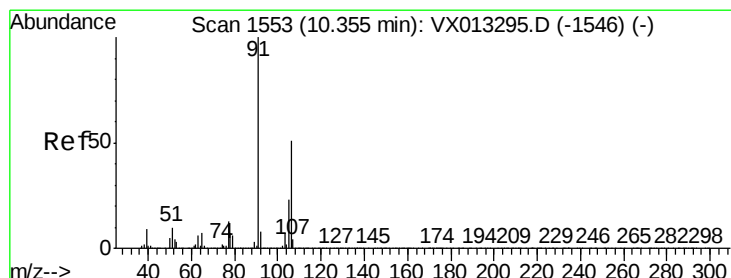
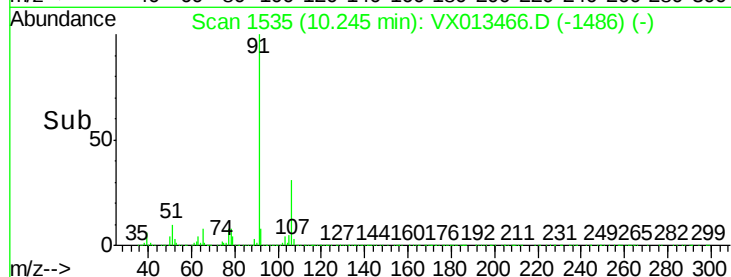
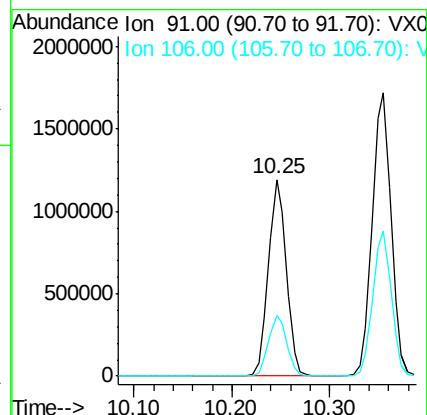
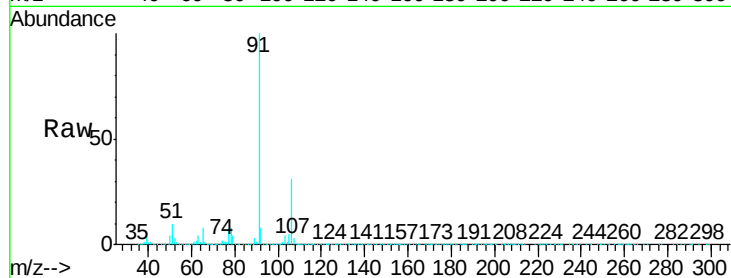
VSTDCCC050EC

Tgt Ion: 91 Resp: 1518702

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 92.122 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013466.D

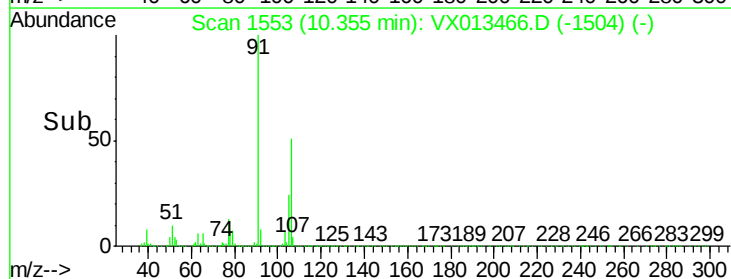
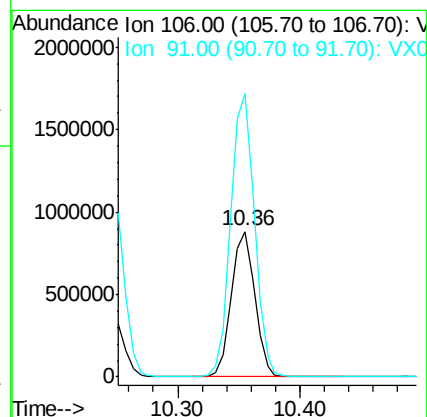
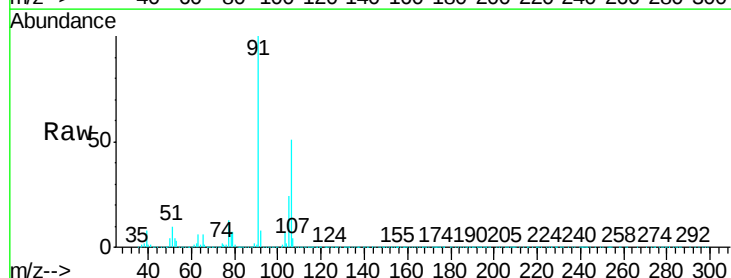
Acq: 19 Nov 2019 16:55

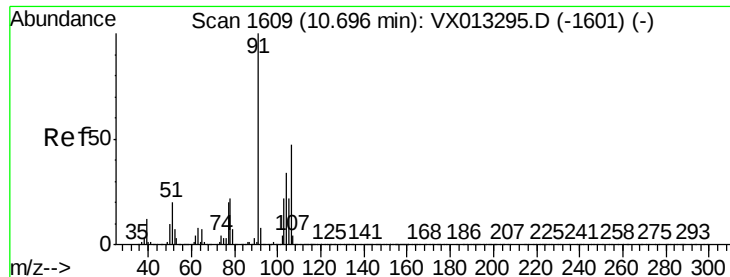
Tgt Ion: 106 Resp: 1163824

Ion Ratio Lower Upper

106 100

91 197.7 159.3 238.9

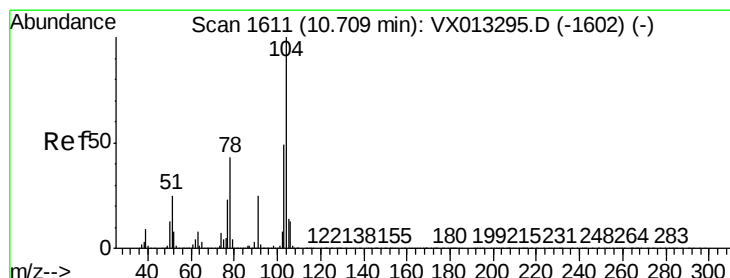
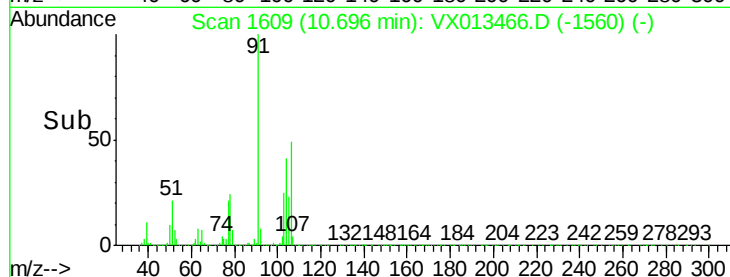
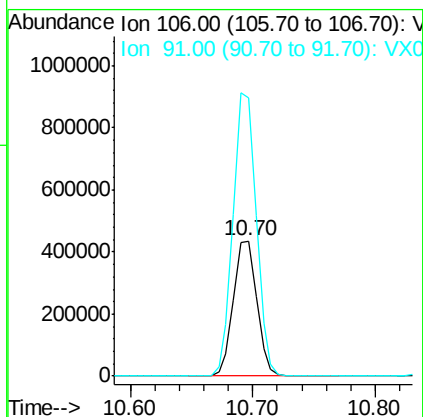
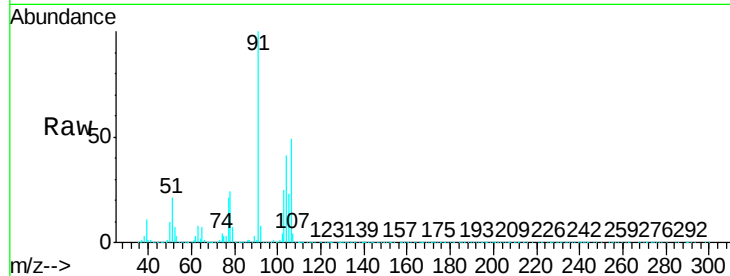




#69
o-Xylene
Concen: 46.500 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

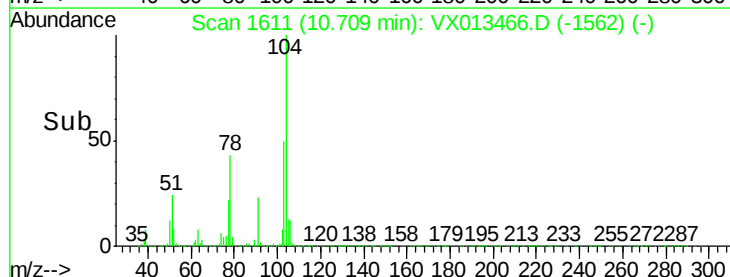
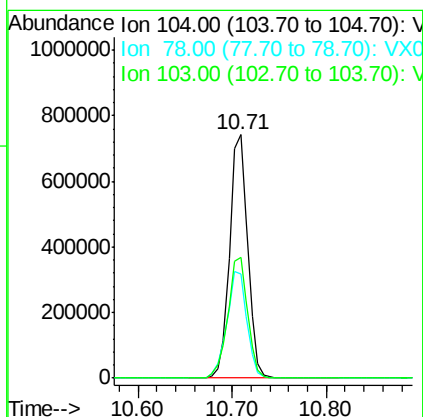
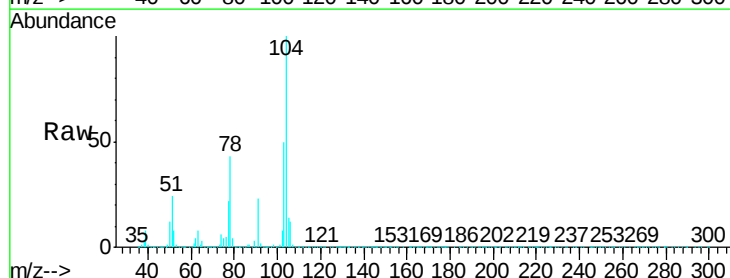
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

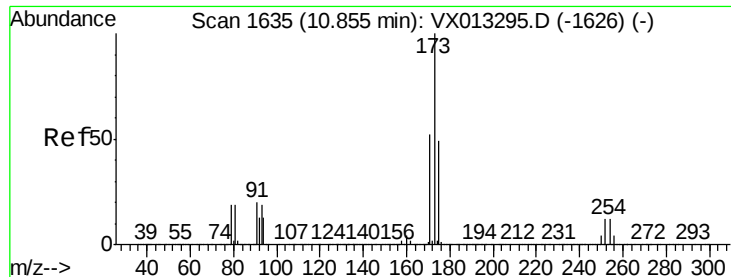
Tgt Ion:106 Resp: 575136
Ion Ratio Lower Upper
106 100
91 207.6 105.7 317.0



#70
Styrene
Concen: 47.768 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion:104 Resp: 987631
Ion Ratio Lower Upper
104 100
78 48.2 40.0 60.0
103 53.9 44.1 66.1





#71

Bromoform

Concen: 44.164 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

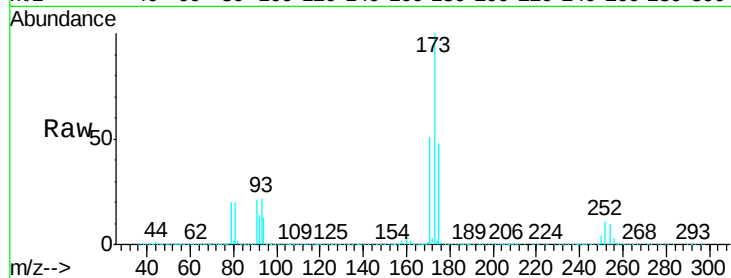
Tgt Ion:173 Resp: 288378

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.4

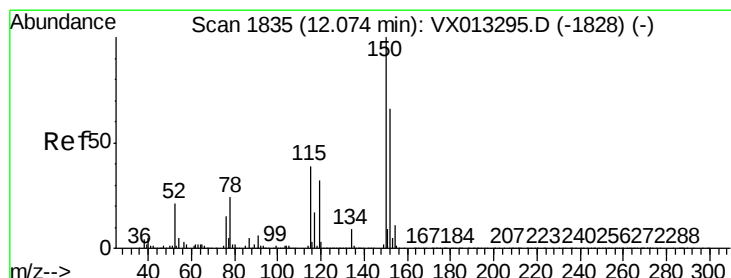
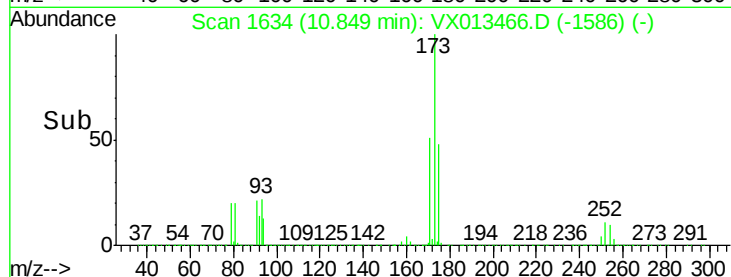
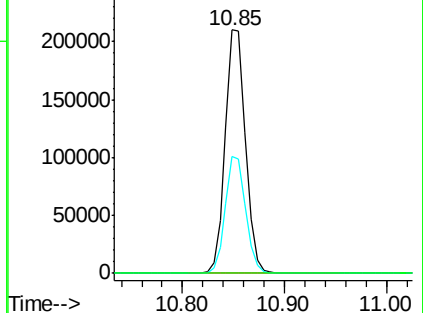
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

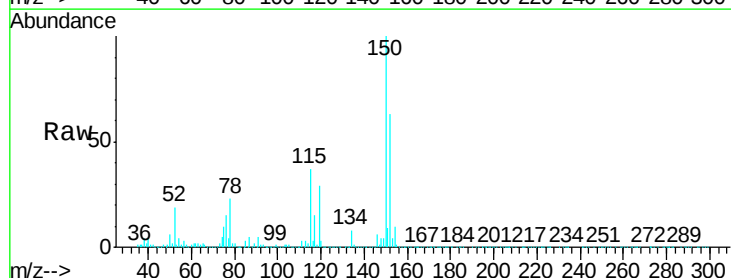
Tgt Ion:152 Resp: 483162

Ion Ratio Lower Upper

152 100

115 76.3 39.5 118.3

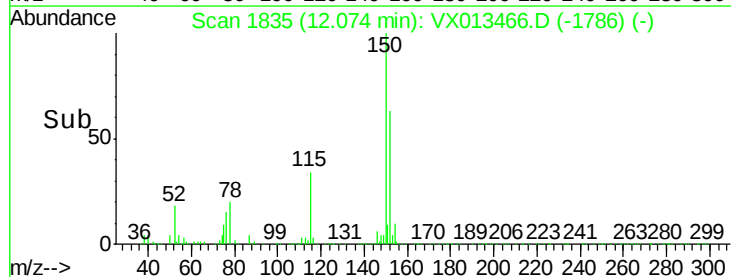
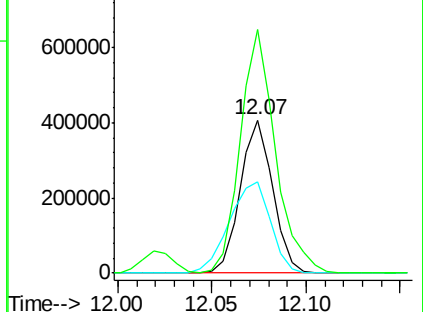
150 172.6 0.0 344.4

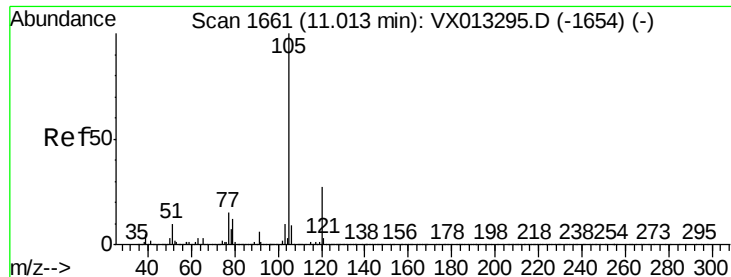


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.417 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

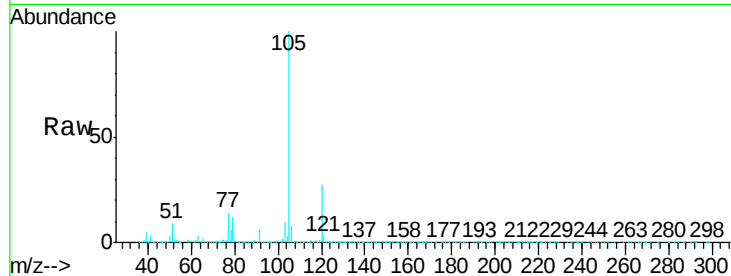
VSTDCCC050EC

Tgt Ion:105 Resp: 1518984

Ion Ratio Lower Upper

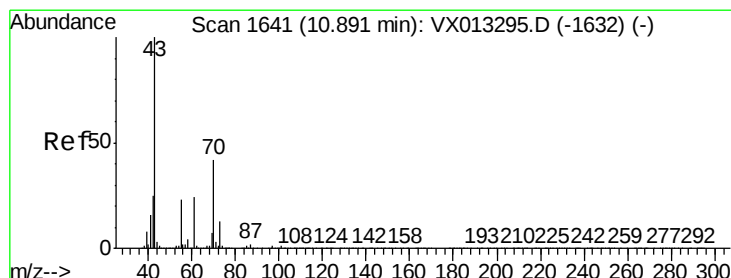
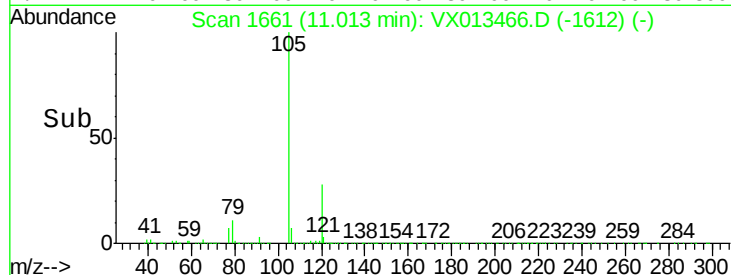
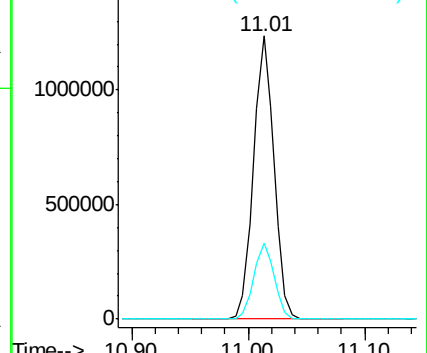
105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.944 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion: 43 Resp: 727073

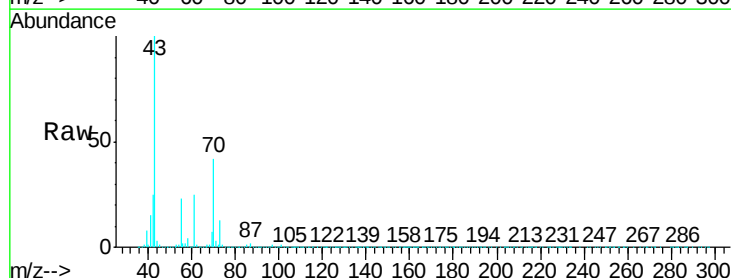
Ion Ratio Lower Upper

43 100

70 43.5 34.1 51.1

55 24.2 18.9 28.3

61 24.8 19.2 28.8

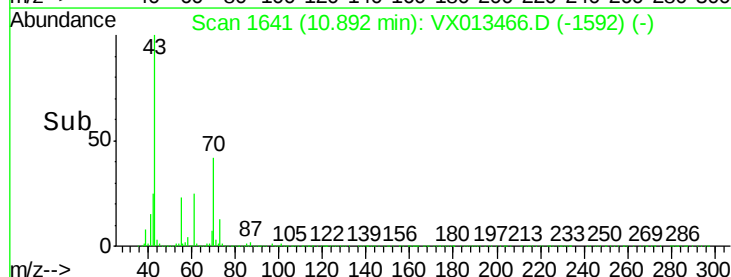
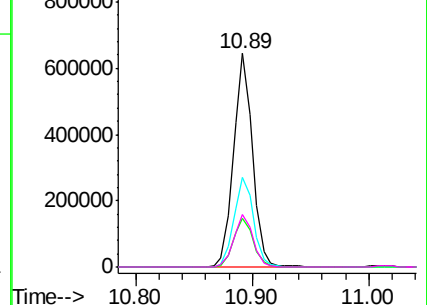


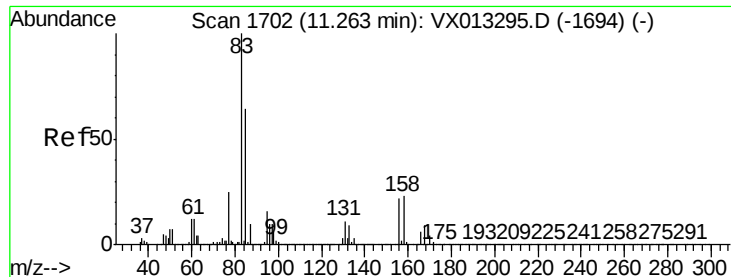
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.929 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

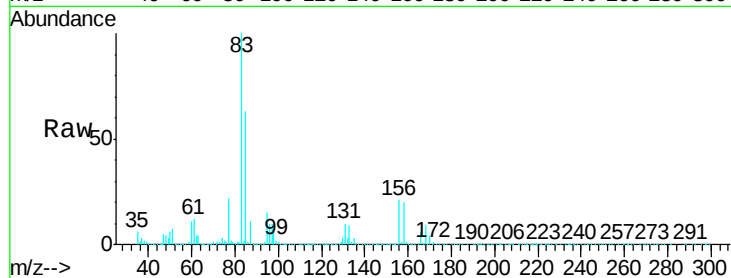
Tgt Ion: 83 Resp: 548447

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

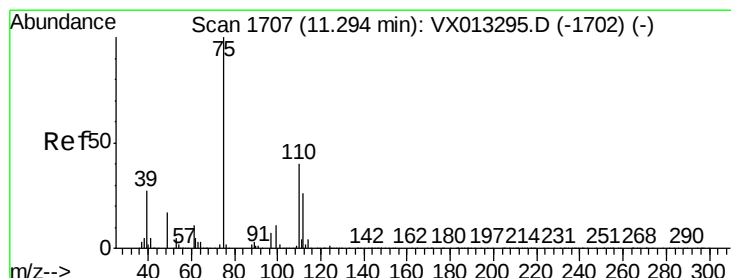
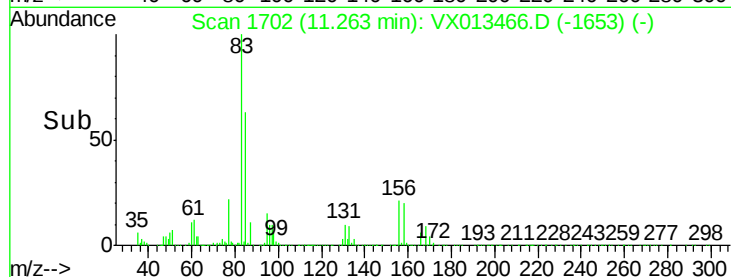
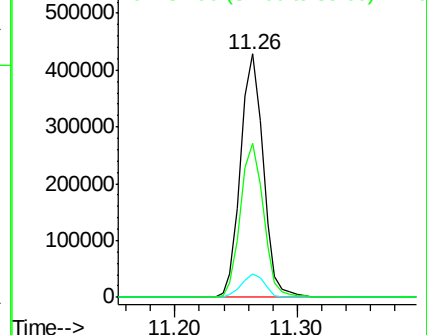
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.557 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013466.D

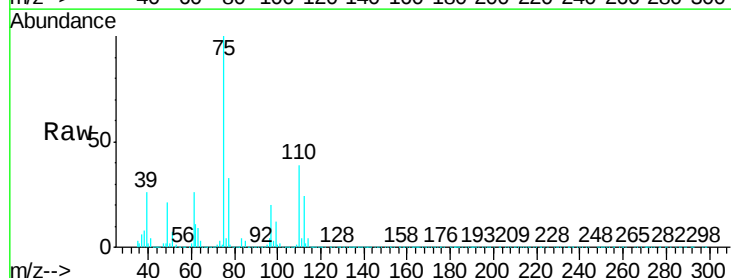
Acq: 19 Nov 2019 16:55

Tgt Ion: 75 Resp: 623724

Ion Ratio Lower Upper

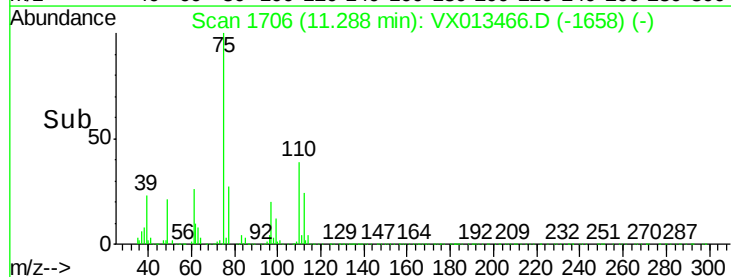
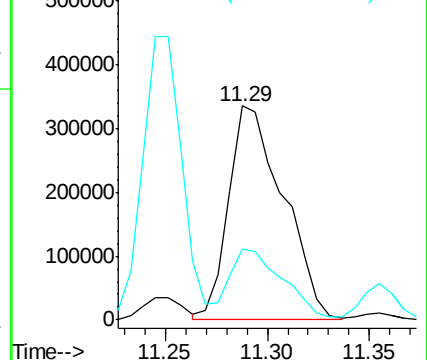
75 100

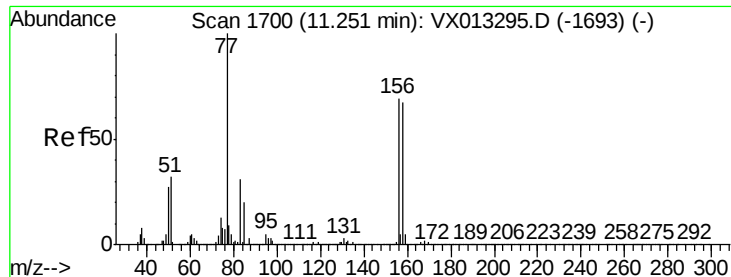
77 32.8 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.810 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

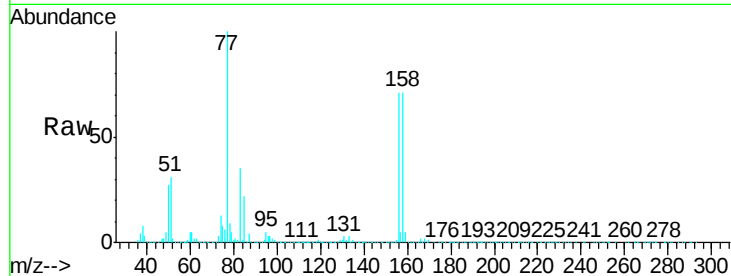
Tgt Ion: 156 Resp: 399754

Ion Ratio Lower Upper

156 100

77 147.6 75.8 227.4

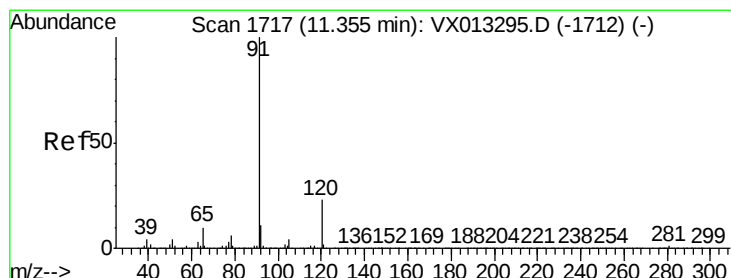
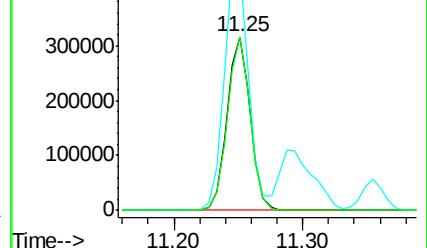
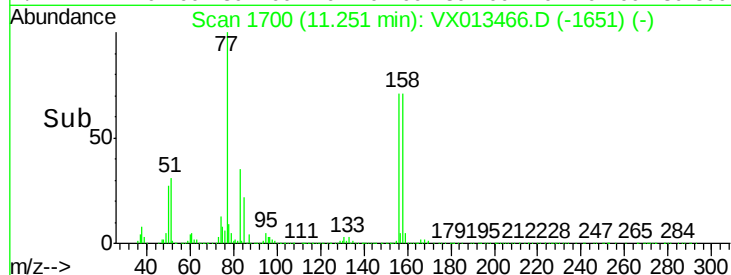
158 98.0 47.6 142.8



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: 48.452 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013466.D

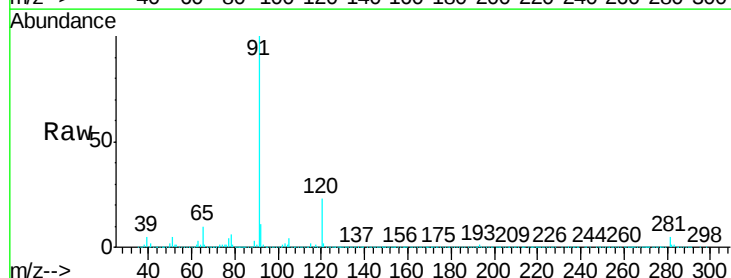
Acq: 19 Nov 2019 16:55

Tgt Ion: 91 Resp: 1728996

Ion Ratio Lower Upper

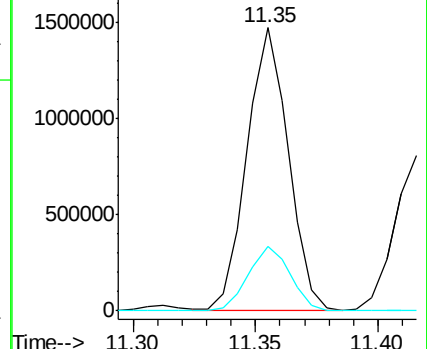
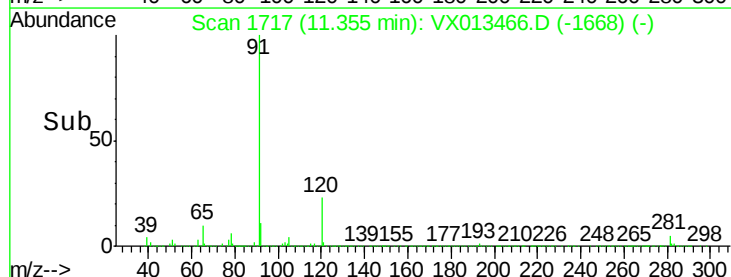
91 100

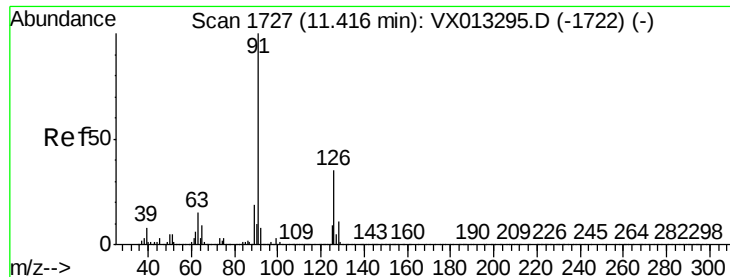
120 23.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.011 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

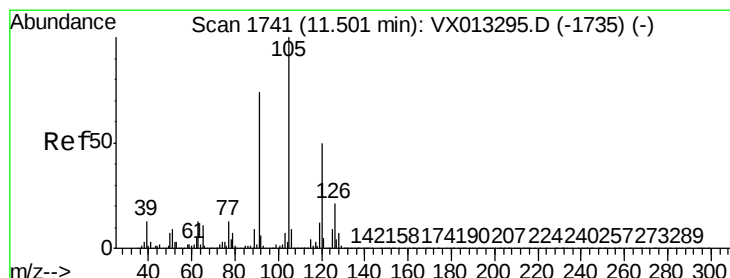
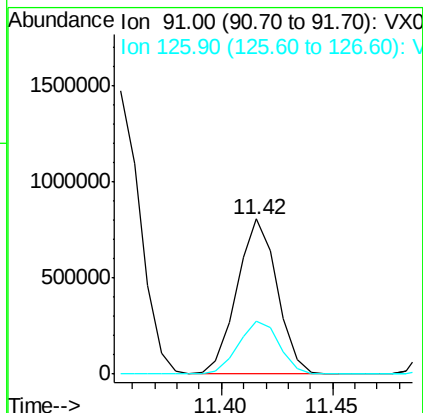
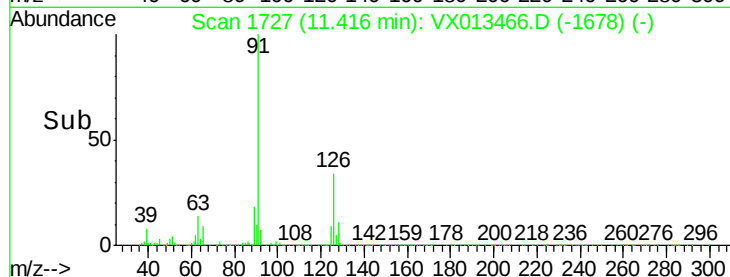
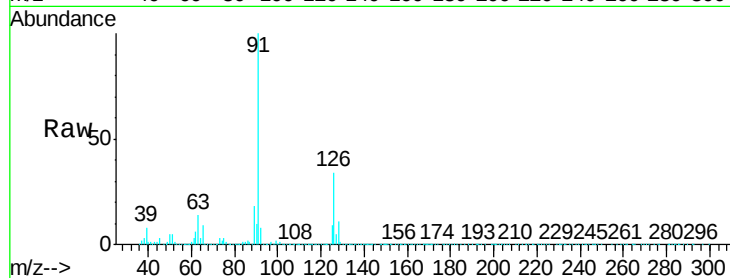
VSTDCCC050EC

Tgt Ion: 91 Resp: 1010725

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 47.778 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013466.D

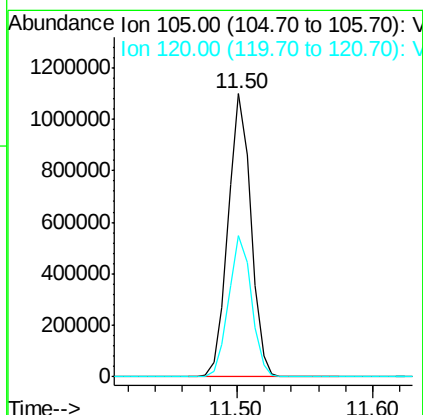
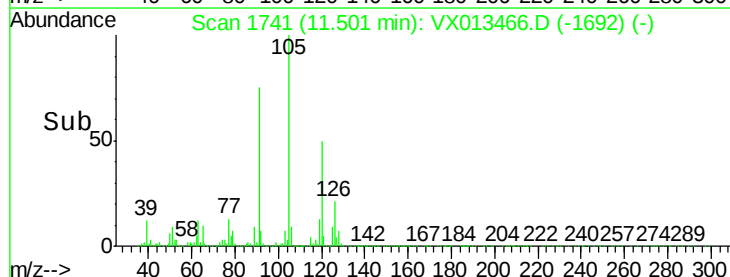
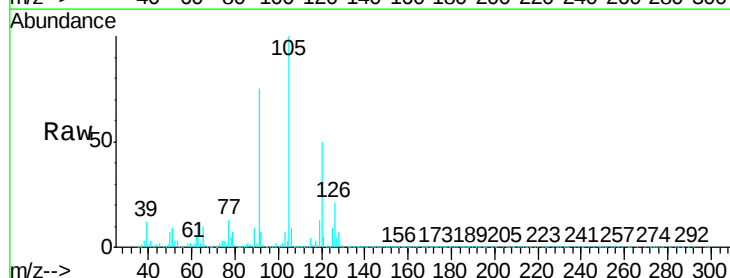
Acq: 19 Nov 2019 16:55

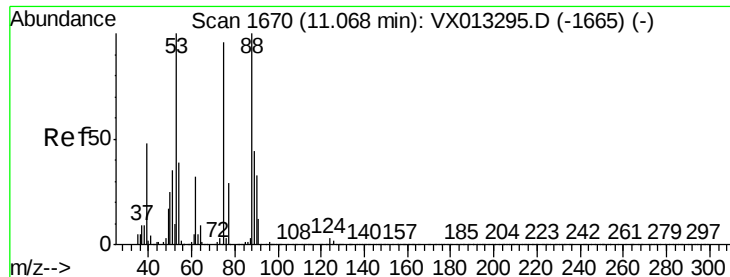
Tgt Ion: 105 Resp: 1274854

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8

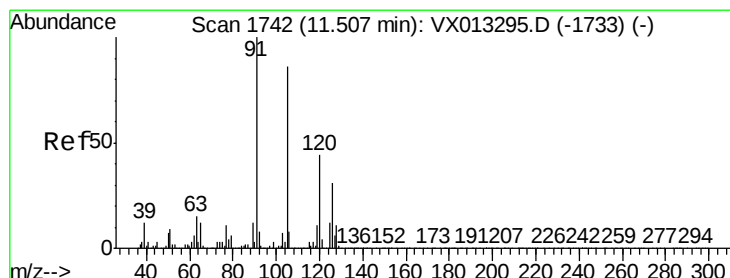
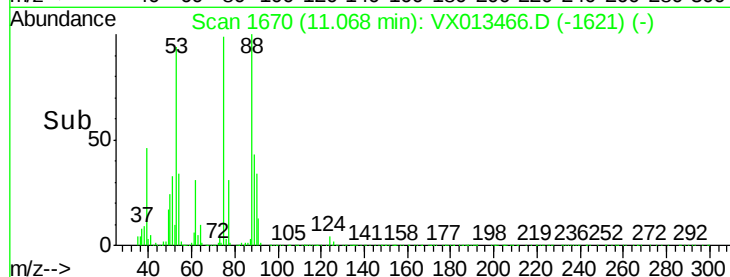
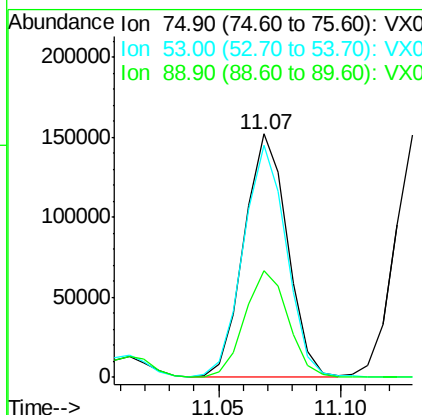
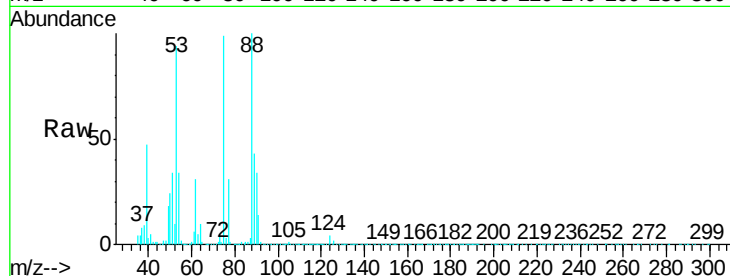




#81
trans-1,4-Dichloro-2-butene
Concen: 48.978 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

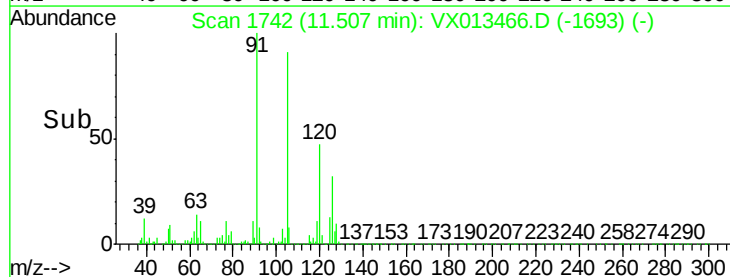
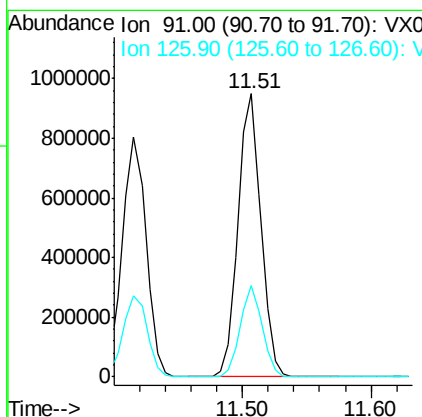
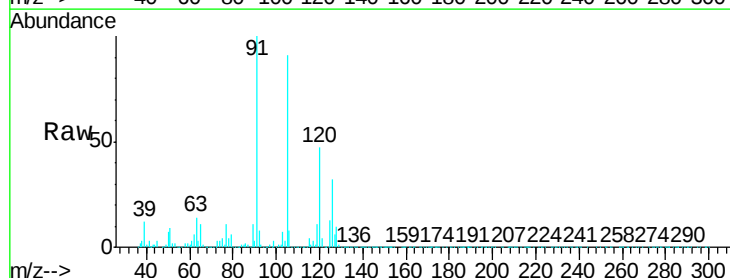
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

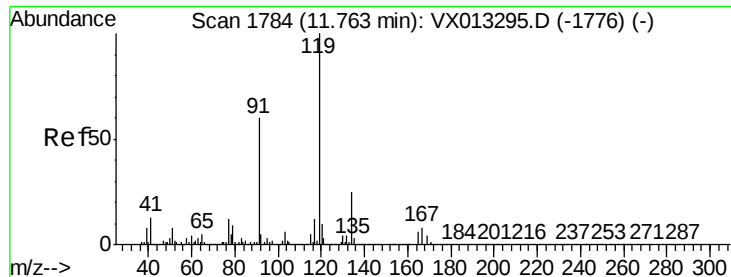
Tgt Ion: 75 Resp: 186736
Ion Ratio Lower Upper
75 100
53 94.9 81.0 121.6
89 43.6 36.0 54.0



#82
4-Chlorotoluene
Concen: 46.596 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 91 Resp: 1172711
Ion Ratio Lower Upper
91 100
126 31.0 15.3 45.8

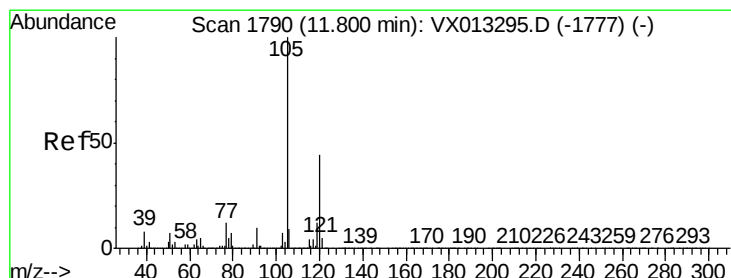
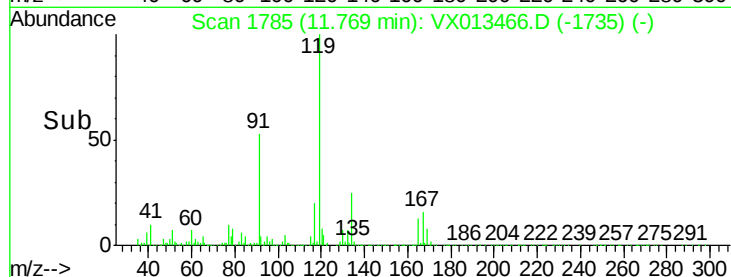
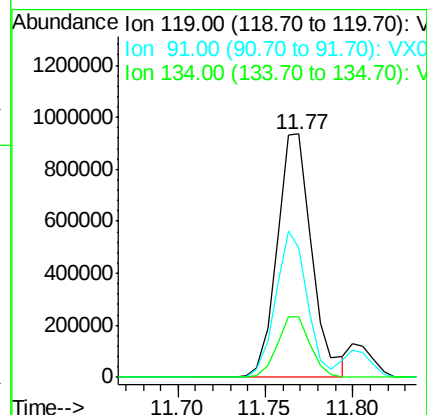
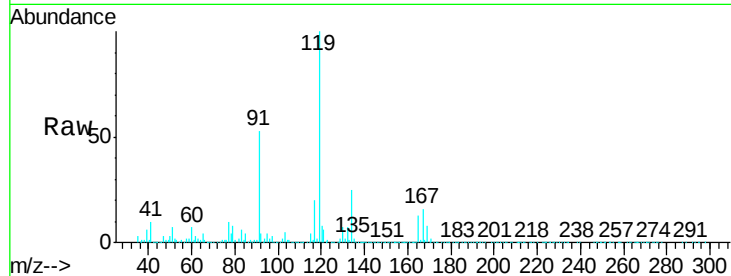




#83
tert-Butylbenzene
Concen: 48.269 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

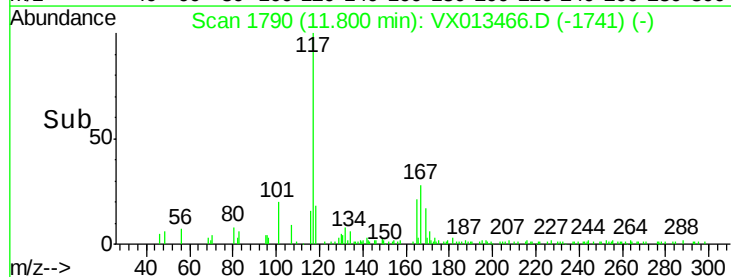
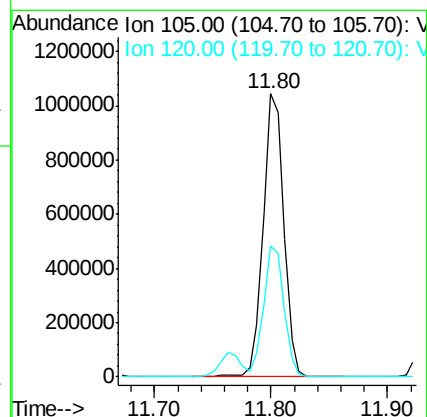
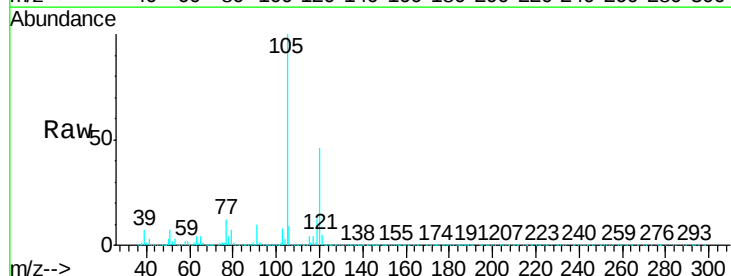
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

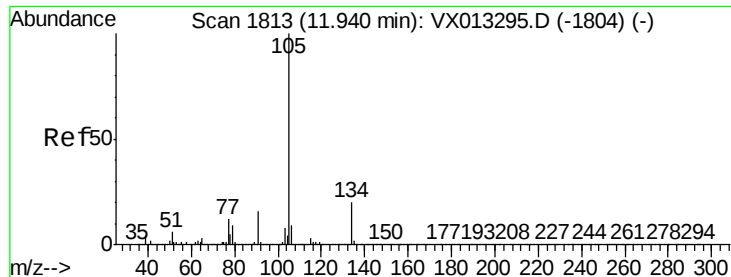
Tgt Ion:119 Resp: 1296526
Ion Ratio Lower Upper
119 100
91 54.4 26.9 80.7
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 48.384 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion:105 Resp: 1295096
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1

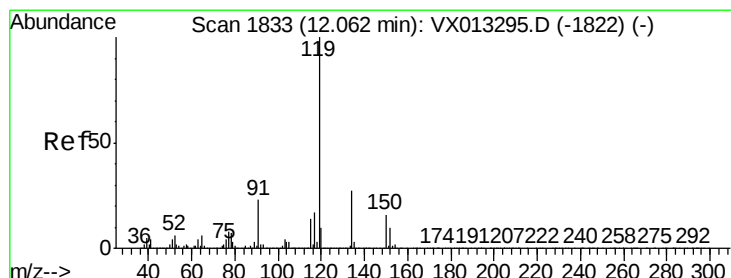
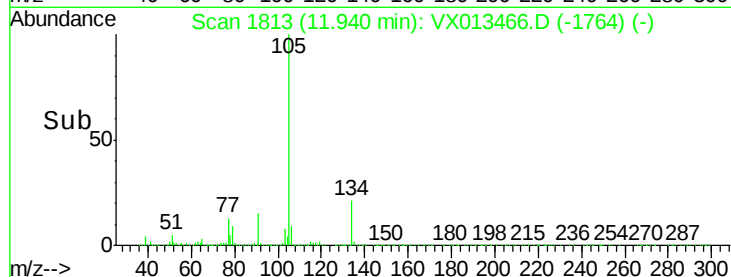
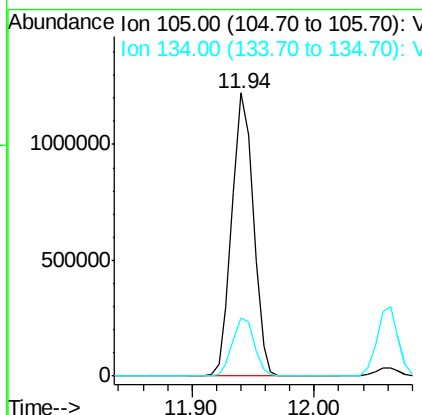
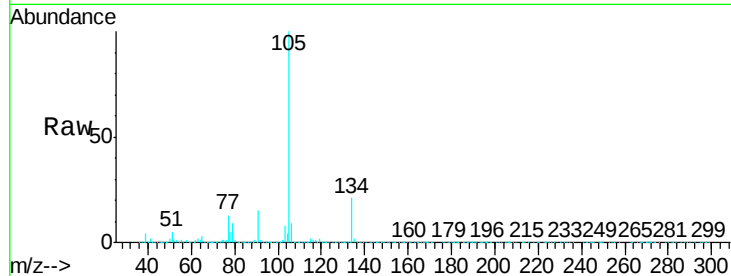




#85
 sec-Butylbenzene
 Concen: 48.026 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

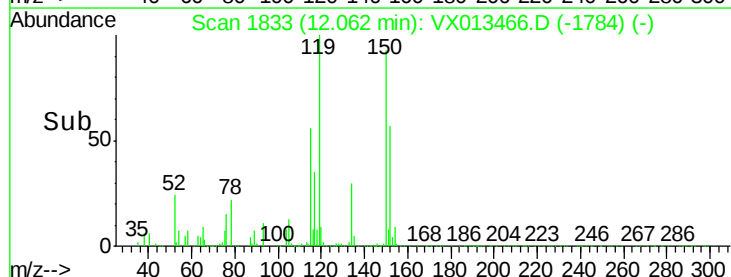
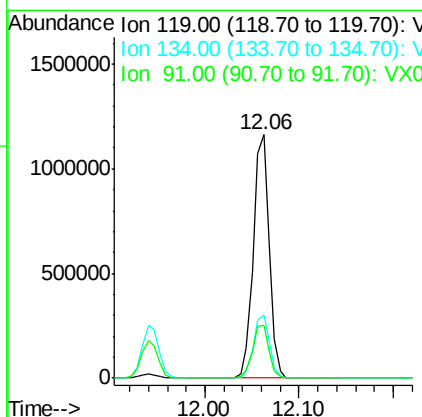
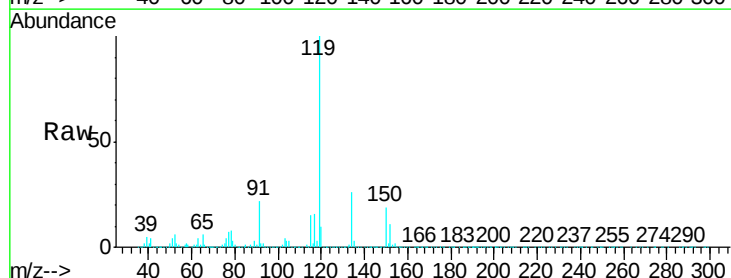
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

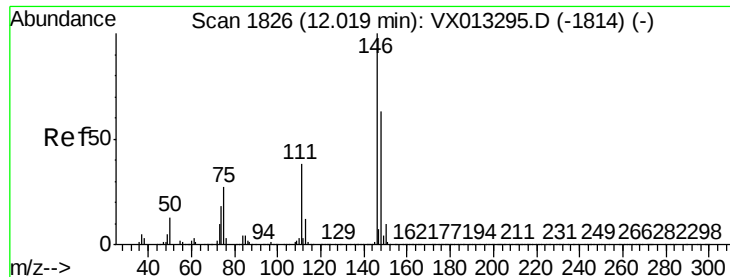
Tgt Ion:105 Resp: 1482575
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 48.800 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion:119 Resp: 1387205
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 46.611 ug/l

RT: 12.02 min Scan# 1826

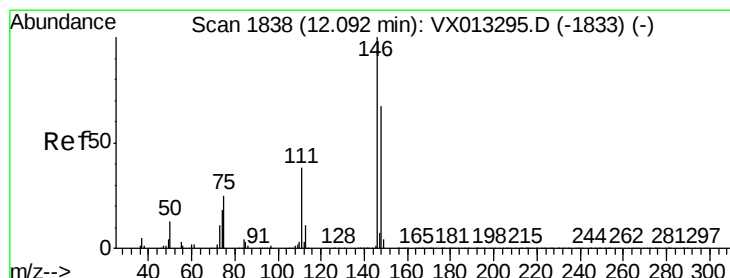
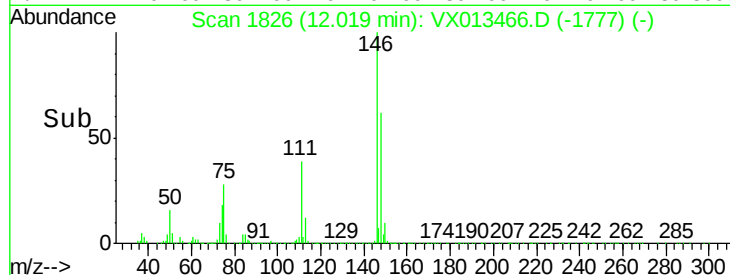
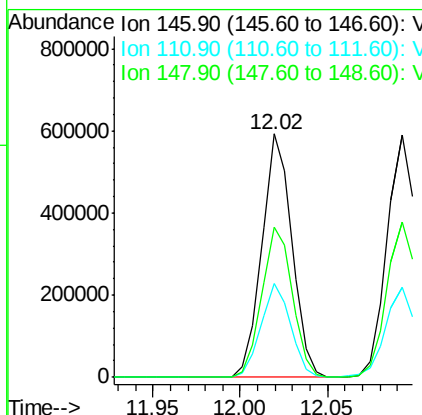
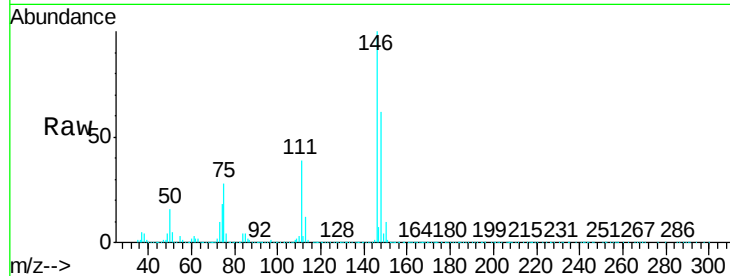
Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	63.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 45.503 ug/l

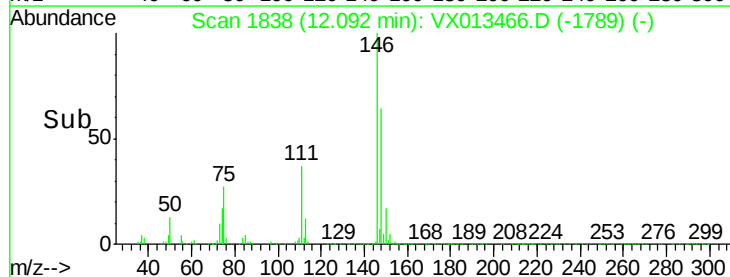
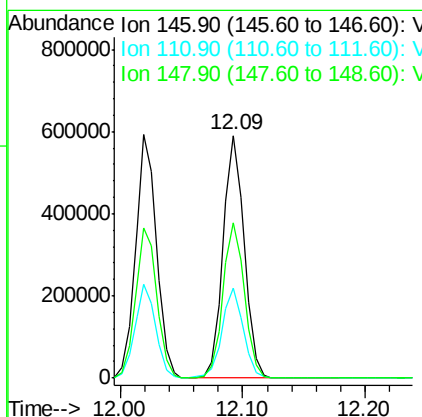
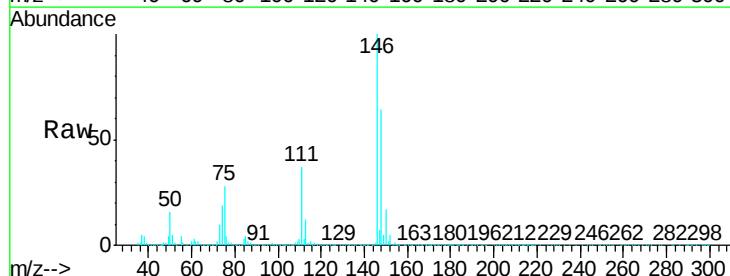
RT: 12.09 min Scan# 1838

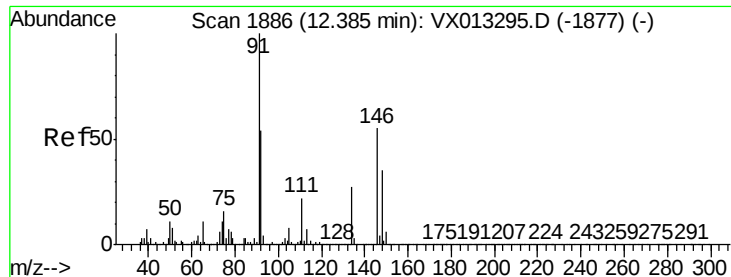
Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.4
148	64.8	32.4	97.0

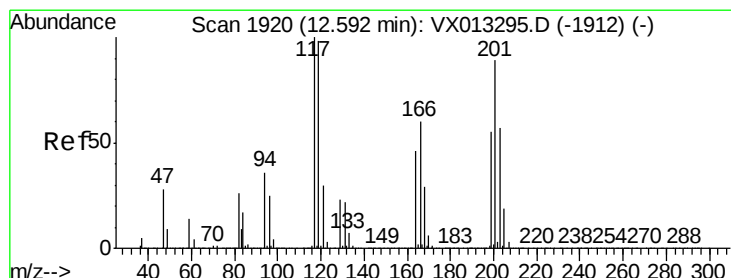
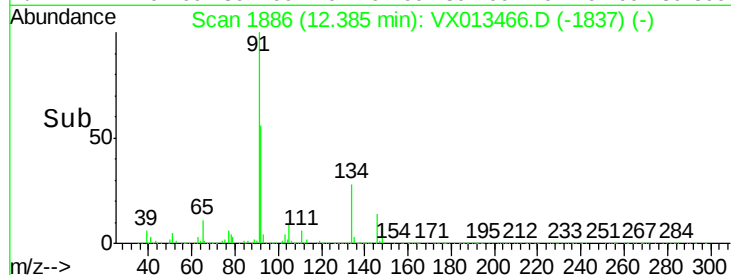
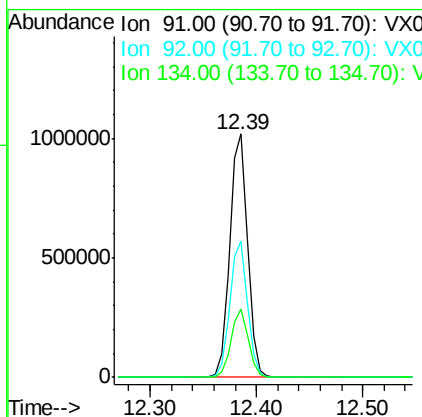
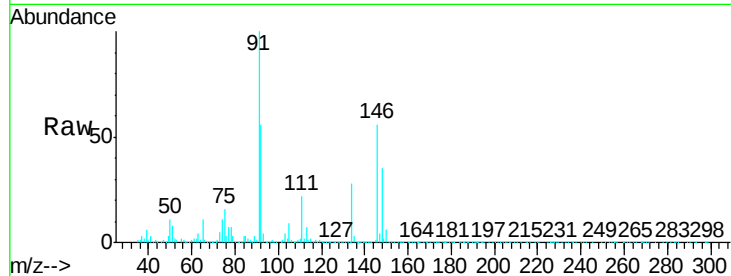




#89
n-Butylbenzene
Concen: 48.173 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

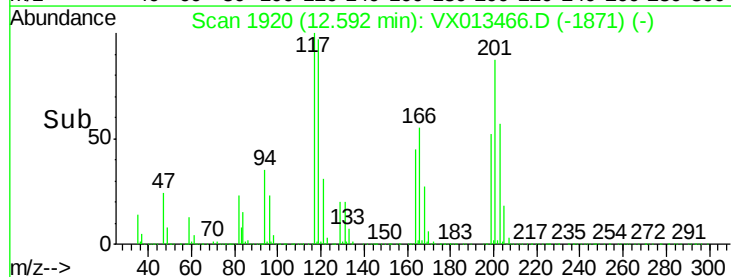
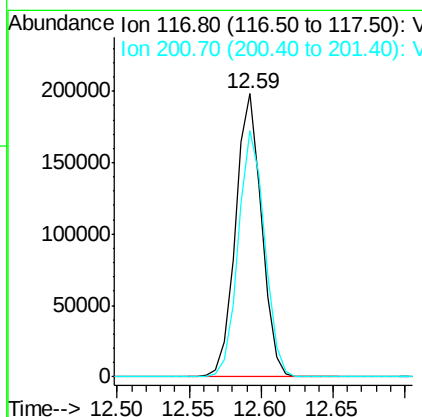
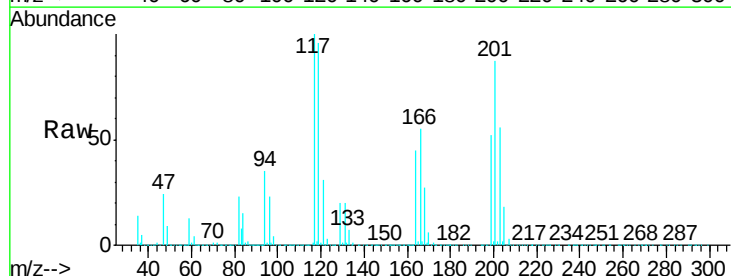
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

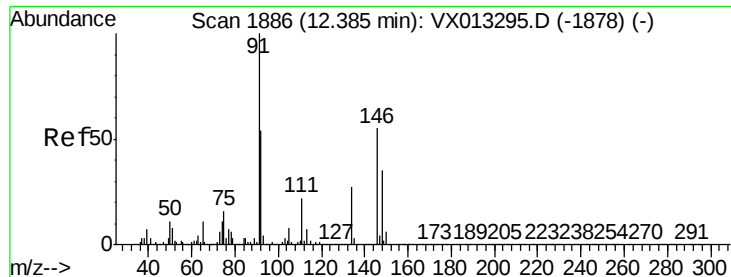
Tgt Ion: 91 Resp: 1194880
Ion Ratio Lower Upper
91 100
92 55.2 27.3 81.8
134 27.1 13.5 40.5



#90
Hexachloroethane
Concen: 49.122 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion: 117 Resp: 248791
Ion Ratio Lower Upper
117 100
201 87.7 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 46.891 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

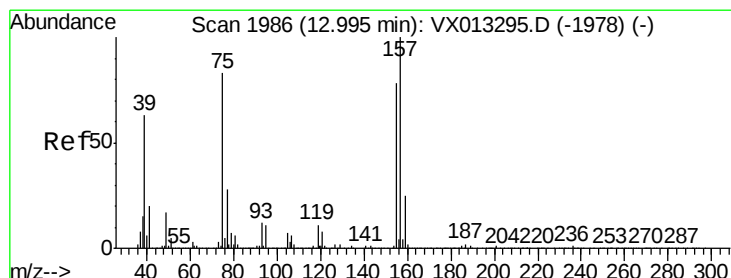
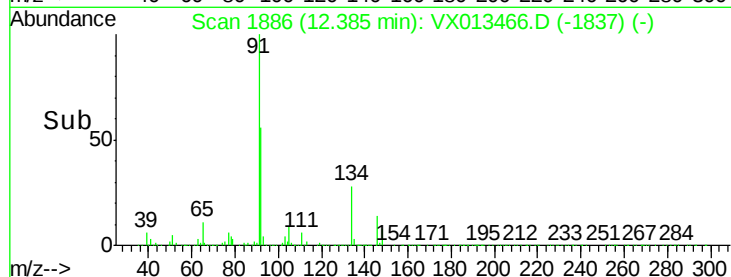
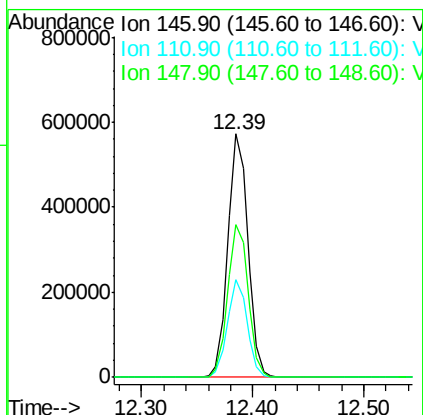
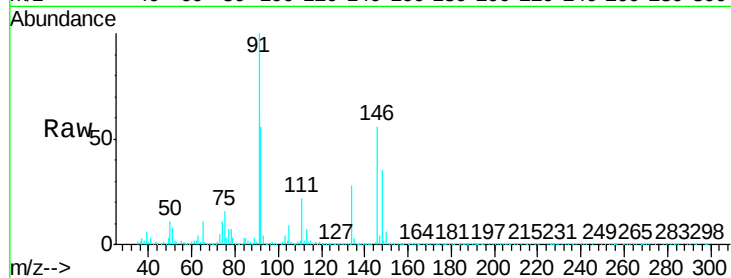
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	713508
Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	64.1	32.0	96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.871 ug/l

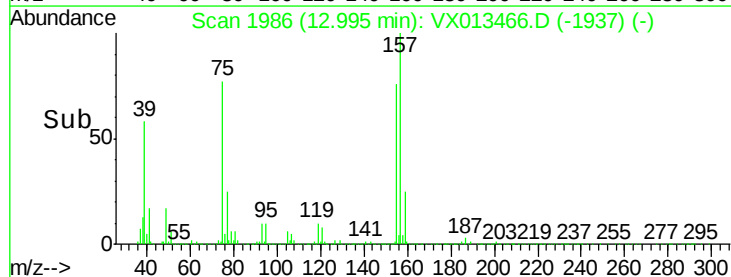
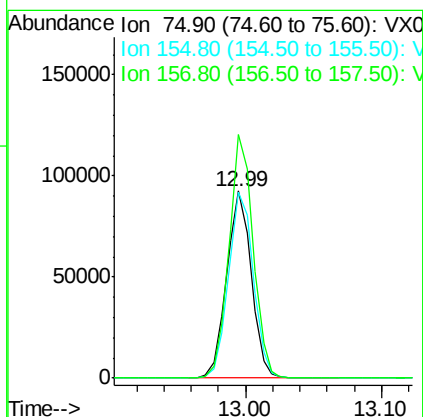
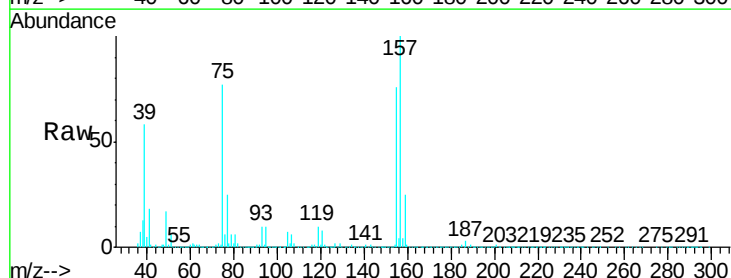
RT: 12.99 min Scan# 1986

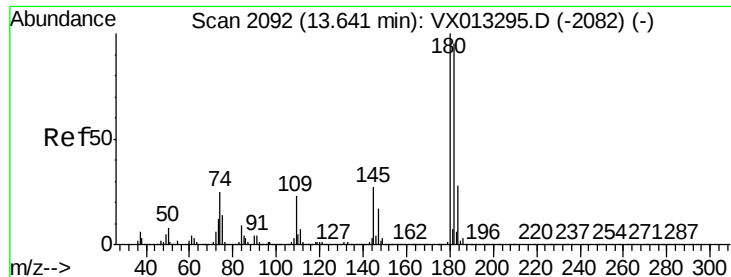
Delta R.T. 0.00 min

Lab File: VX013466.D

Acq: 19 Nov 2019 16:55

Tgt Ion:	75	Resp:	116370
Ion	Ratio	Lower	Upper
75	100		
155	100.2	47.1	141.4
157	127.1	61.3	183.8

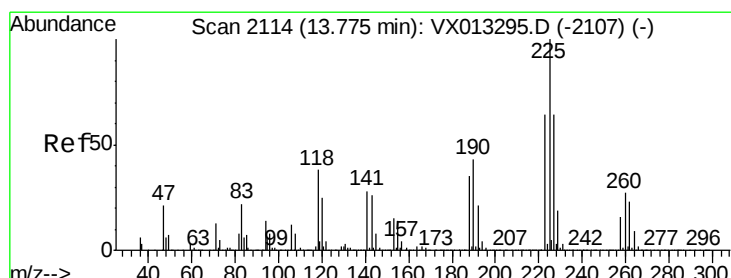
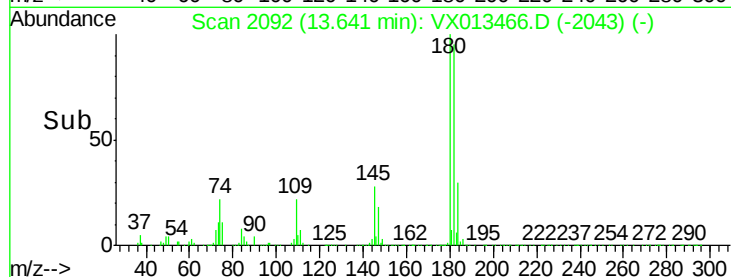
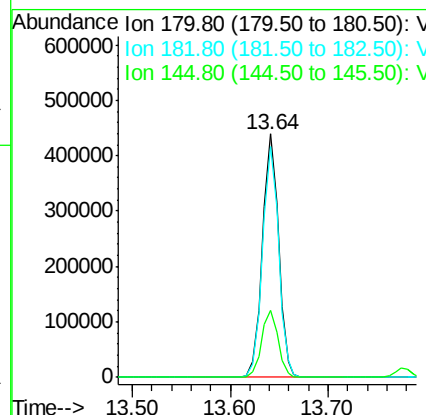
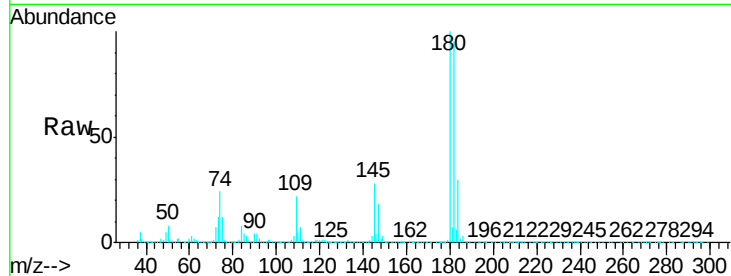




#93
 1,2,4-Trichlorobenzene
 Concen: 47.585 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

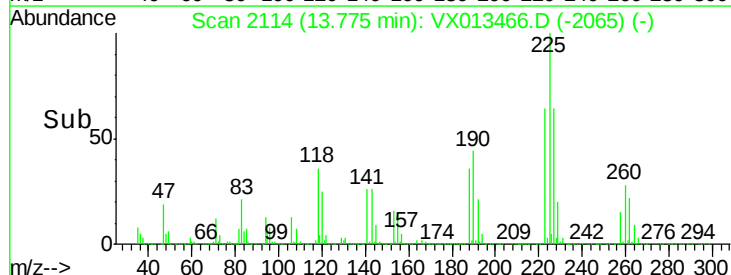
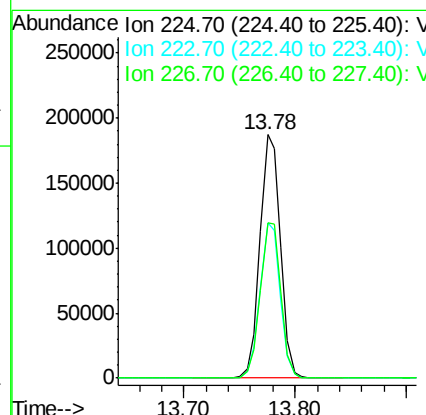
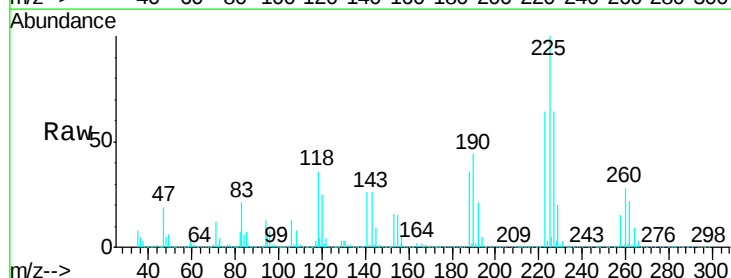
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

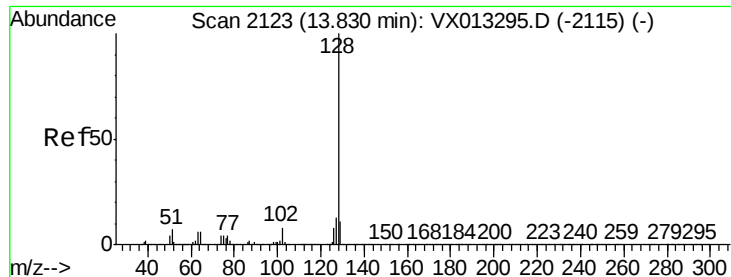
Tgt Ion:180 Resp: 505071
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.4 145.0
 145 28.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.163 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013466.D
 Acq: 19 Nov 2019 16:55

Tgt Ion:225 Resp: 239714
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.9 95.7
 227 64.2 31.9 95.9

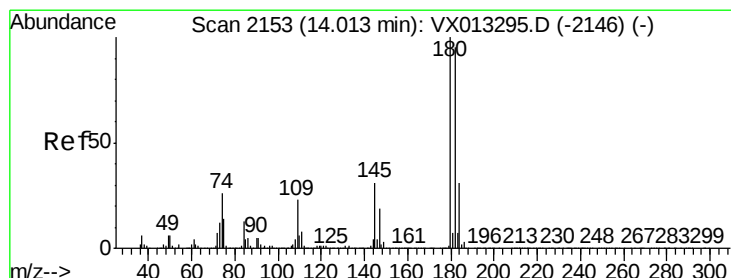
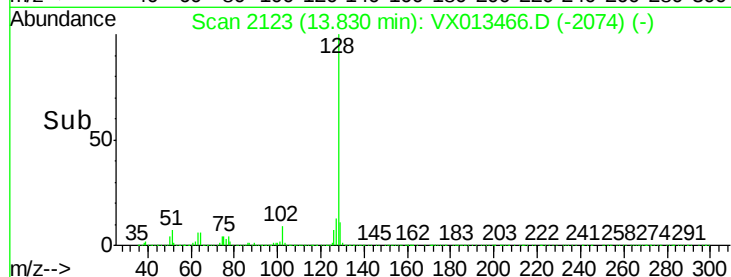
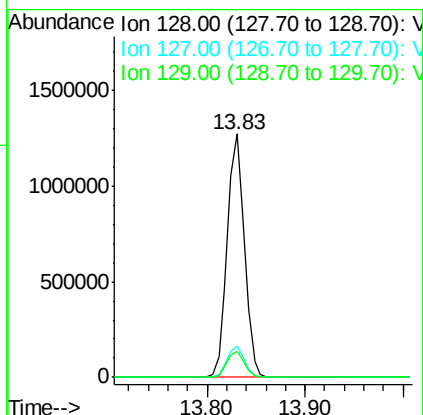
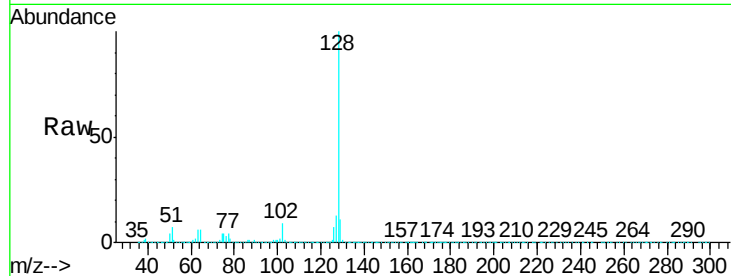




#95
Naphthalene
Concen: 46.860 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1560539
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 46.937 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013466.D
Acq: 19 Nov 2019 16:55

Tgt Ion:180 Resp: 499624
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.2
145 30.7 15.4 46.4

