

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112519\
 Data File : VX013576.D
 Acq On : 25 Nov 2019 12:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 25 14:20:45 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	5.65	168	709480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1063766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	954694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	494645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	420443	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.48	113	356951	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	8.71	98	1351688	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
62) 4-Bromofluorobenzene	11.13	95	498267	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	348570	42.640	ug/l	97
3) Chloromethane	1.31	50	382455	43.143	ug/l	99
4) Vinyl Chloride	1.40	62	465439	46.118	ug/l	100
5) Bromomethane	1.63	94	280408	39.870	ug/l	99
6) Chloroethane	1.71	64	266674	46.132	ug/l	100
7) Trichlorofluoromethane	1.92	101	535241	44.889	ug/l	98
8) Diethyl Ether	2.17	74	253821	48.139	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	343995	51.762	ug/l	99
10) Methyl Iodide	2.50	142	407095	49.477	ug/l	98
11) Tert butyl alcohol	3.03	59	437804	197.621	ug/l	99
12) 1,1-Dichloroethene	2.36	96	327220	50.280	ug/l	99
13) Acrolein	2.28	56	409521	341.077	ug/l	97
14) Allyl chloride	2.72	41	621192	52.533	ug/l	95
15) Acrylonitrile	3.12	53	1082815	261.662	ug/l	98
16) Acetone	2.43	43	1032462	246.269	ug/l	99
17) Carbon Disulfide	2.56	76	766390	43.998	ug/l	99
18) Methyl Acetate	2.76	43	620302	53.593	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1176431	54.198	ug/l	99
20) Methylene Chloride	2.84	84	395824	51.100	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	350086	49.406	ug/l	97
22) Diisopropyl ether	3.84	45	1274332	55.821	ug/l	98
23) Vinyl Acetate	3.80	43	5201349	266.263	ug/l	99
24) 1,1-Dichloroethane	3.68	63	675002	52.856	ug/l	99
25) 2-Butanone	4.65	43	1565213	254.492	ug/l	100
26) 2,2-Dichloropropane	4.57	77	565762	55.689	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	422444	53.220	ug/l	100
28) Bromochloromethane	5.00	49	221847	61.182	ug/l	100
29) Tetrahydrofuran	5.11	42	955065	251.990	ug/l	99
30) Chloroform	5.19	83	659939	52.333	ug/l	97
31) Cyclohexane	5.56	56	575631	50.092	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	566278	52.180	ug/l	99
36) 1,1-Dichloropropene	5.78	75	487073	53.373	ug/l	99
37) Ethyl Acetate	4.81	43	576312	51.108	ug/l	99
38) Carbon Tetrachloride	5.77	117	482216	54.036	ug/l	98

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 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)
39) Methylcyclohexane	7.45	83	591096	51.983	ug/l	98
40) Benzene	6.13	78	1497131	52.666	ug/l	97
41) Methacrylonitrile	5.02	41	333446	52.757	ug/l	98
42) 1,2-Dichloroethane	6.18	62	527021	51.398	ug/l	99
43) Isopropyl Acetate	6.43	43	952457	54.242	ug/l	99
44) Trichloroethene	7.20	130	404919	51.748	ug/l	99
45) 1,2-Dichloropropane	7.50	63	400899	55.350	ug/l	97
46) Dibromomethane	7.65	93	256799	51.928	ug/l	98
47) Bromodichloromethane	7.89	83	528683	56.693	ug/l	96
48) Methyl methacrylate	7.76	41	475362	54.233	ug/l	98
49) 1,4-Dioxane	7.73	88	169841	846.100	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	3006712	260.988	ug/l	99
52) Toluene	8.78	92	949934	53.917	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	597289	58.574	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	649887	56.974	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	400133	54.792	ug/l	99
56) Ethyl methacrylate	9.17	69	647182	51.851	ug/l	97
57) 1,3-Dichloropropane	9.36	76	668907	53.959	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1401747	280.729	ug/l	100
59) 2-Hexanone	9.48	43	2337514	262.560	ug/l	99
60) Dibromochloromethane	9.57	129	429540	57.512	ug/l	100
61) 1,2-Dibromoethane	9.67	107	411071	53.010	ug/l	100
64) Tetrachloroethene	9.33	164	361449	52.887	ug/l	97
65) Chlorobenzene	10.13	112	1038524	53.731	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	396596	55.884	ug/l	99
67) Ethyl Benzene	10.25	91	1837145	55.073	ug/l	98
68) m/p-Xylenes	10.36	106	1407338	111.553	ug/l	98
69) o-Xylene	10.70	106	680823	55.121	ug/l	99
70) Styrene	10.71	104	1185195	57.404	ug/l	98
71) Bromoform	10.85	173	335991	50.993	ug/l	99
73) Isopropylbenzene	11.01	105	1837063	56.015	ug/l	100
74) N-amyl acetate	10.89	43	860702	56.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	643139	53.754	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	732786	72.937	ug/l	80
77) Bromobenzene	11.25	156	479654	54.862	ug/l	99
78) n-propylbenzene	11.35	91	2104033	57.593	ug/l	100
79) 2-Chlorotoluene	11.42	91	1222439	55.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1530719	56.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	222826	57.087	ug/l	94
82) 4-Chlorotoluene	11.51	91	1425445	55.324	ug/l	100
83) tert-Butylbenzene	11.76	119	1577188	57.355	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1542572	56.292	ug/l	99
85) sec-Butylbenzene	11.94	105	1841984	58.283	ug/l	99
86) p-Isopropyltoluene	12.06	119	1683669	57.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	861503	55.280	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	856576	53.947	ug/l	99
89) n-Butylbenzene	12.39	91	1513207	59.591	ug/l	99
90) Hexachloroethane	12.59	117	306368	59.086	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	859637	55.182	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	135460	46.472	ug/l	97

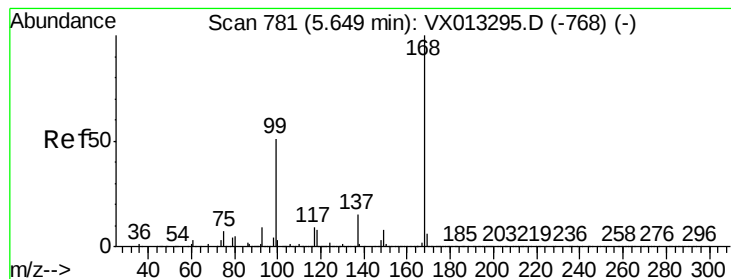
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	631336	58.100	ug/l	97
94) Hexachlorobutadiene	13.78	225	299285	56.296	ug/l	99
95) Naphthalene	13.83	128	1867696	54.782	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	617895	56.700	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

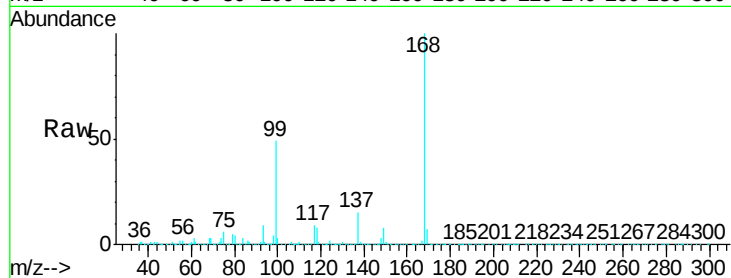
VSTDCCC050

Tgt Ion:168 Resp: 709480

Ion Ratio Lower Upper

168 100

99 49.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

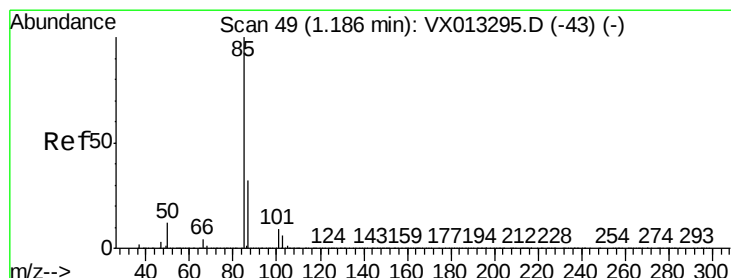
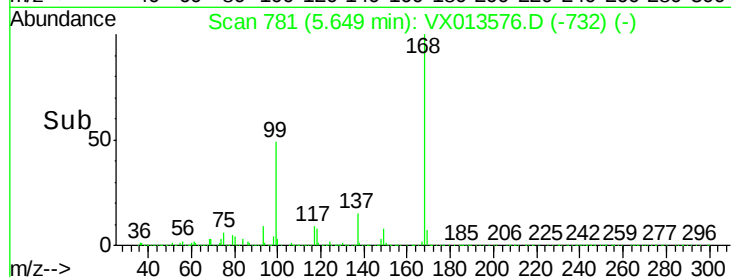
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.640 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013576.D

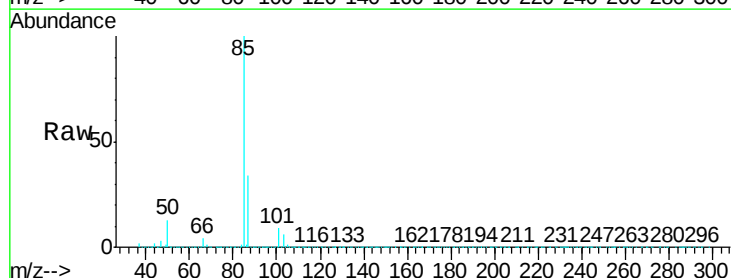
Acq: 25 Nov 2019 12:42

Tgt Ion: 85 Resp: 348570

Ion Ratio Lower Upper

85 100

87 33.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

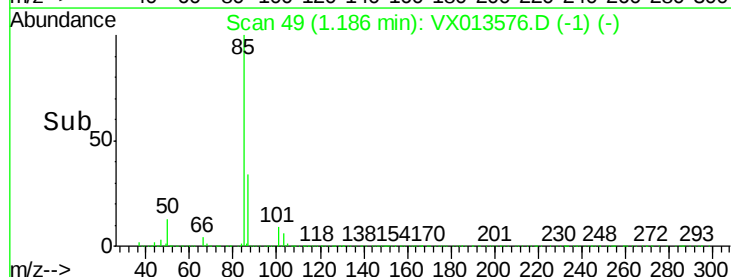
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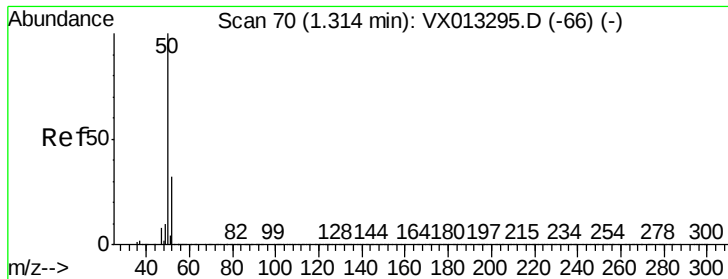
200000

100000

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Time-->





#3

Chloromethane

Concen: 43.143 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

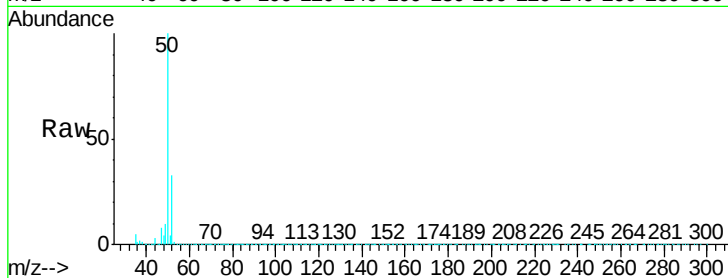
VSTDCCC050

Tgt Ion: 50 Resp: 382455

Ion Ratio Lower Upper

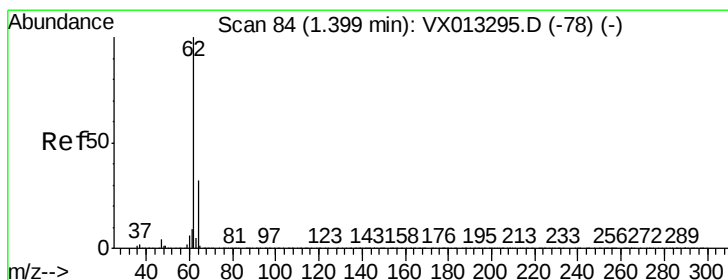
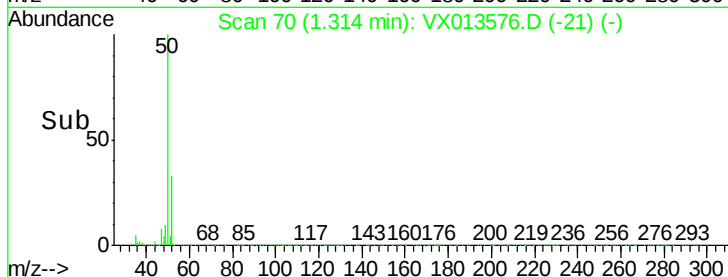
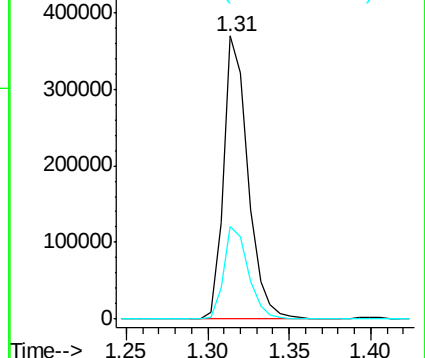
50 100

52 32.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.118 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013576.D

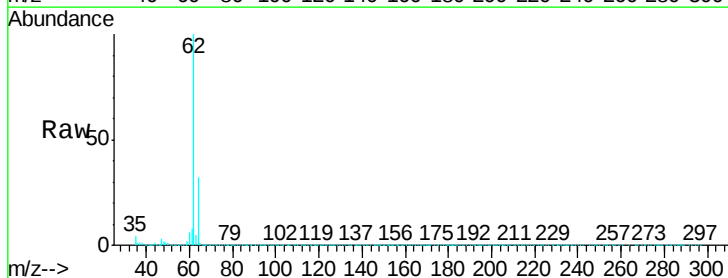
Acq: 25 Nov 2019 12:42

Tgt Ion: 62 Resp: 465439

Ion Ratio Lower Upper

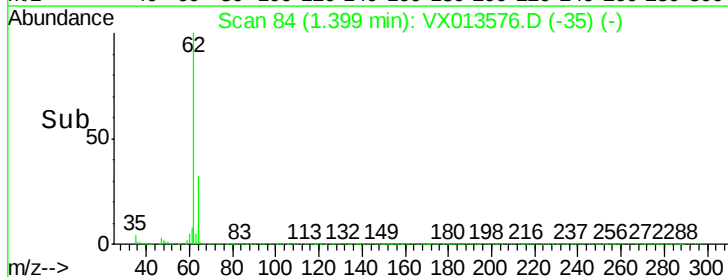
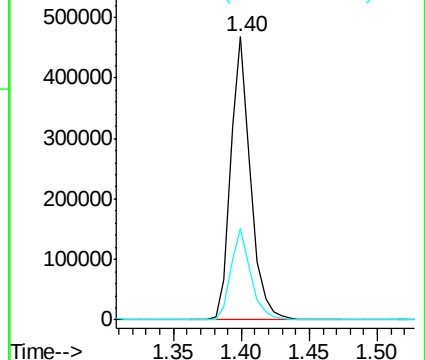
62 100

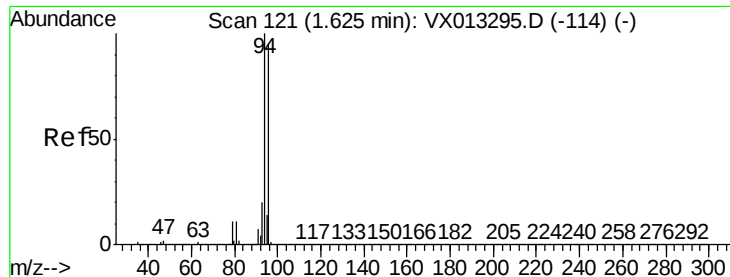
64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.870 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

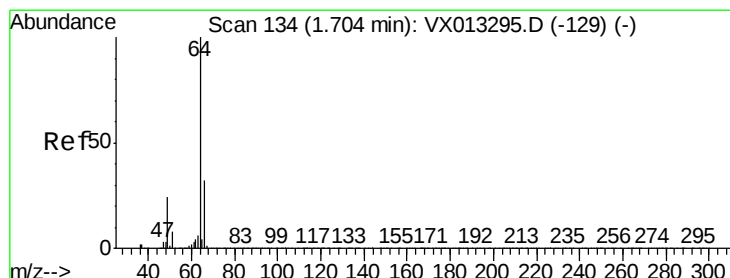
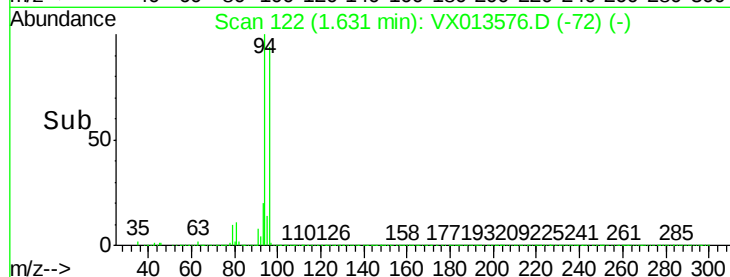
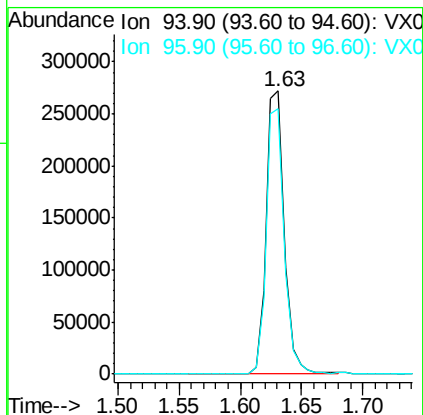
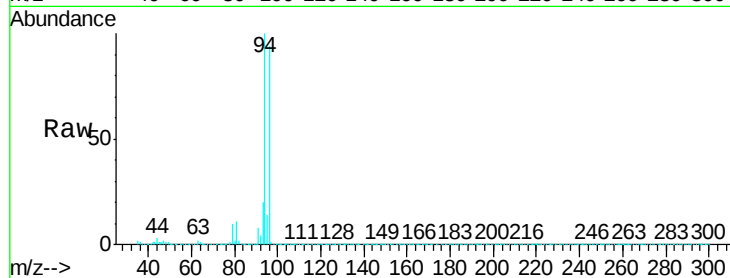
VSTDCCC050

Tgt Ion: 94 Resp: 280408

Ion Ratio Lower Upper

94 100

96 93.6 75.8 113.8



#6

Chloroethane

Concen: 46.132 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013576.D

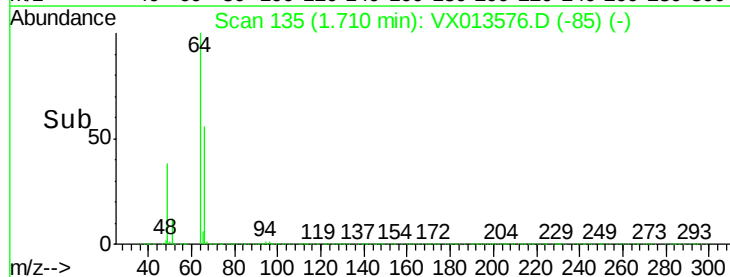
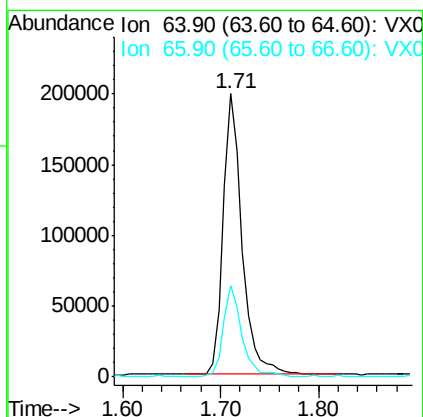
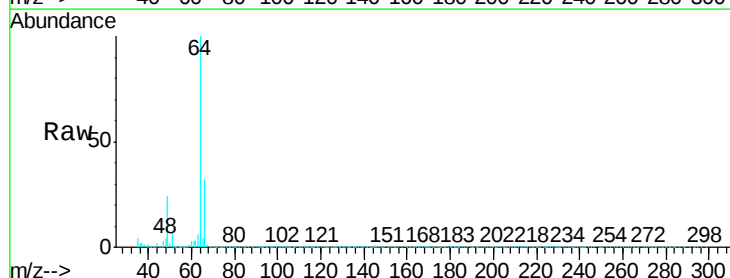
Acq: 25 Nov 2019 12:42

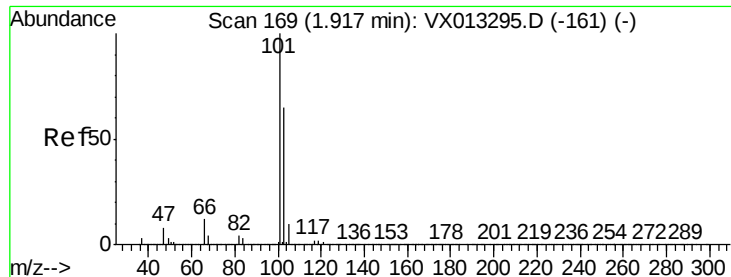
Tgt Ion: 64 Resp: 266674

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



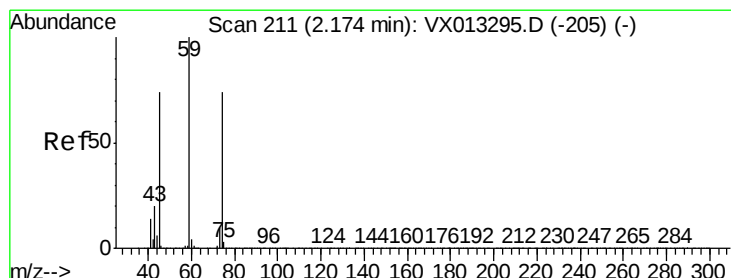
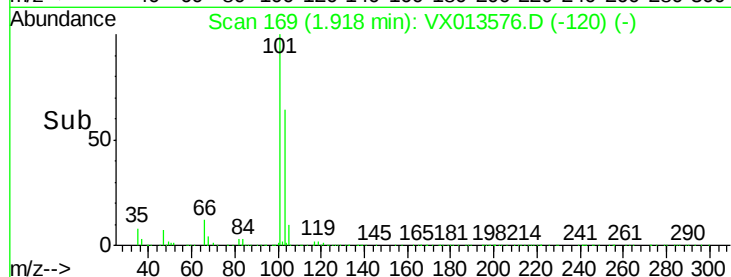
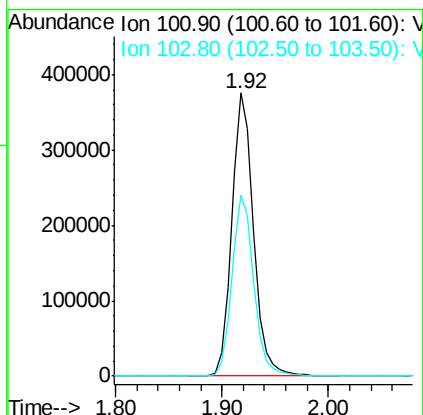
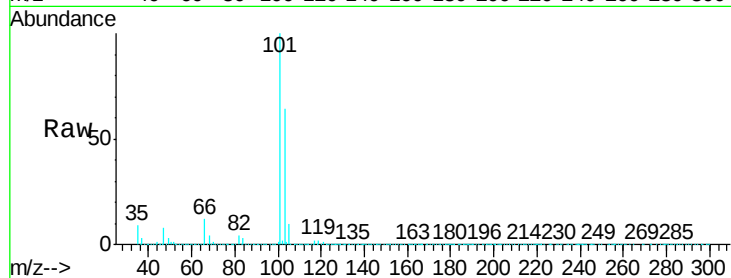


#7

Trichlorofluoromethane
Concen: 44.889 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
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ClientSampleId :
VSTDCCC050

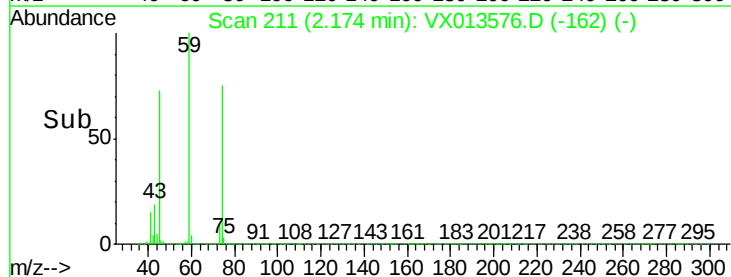
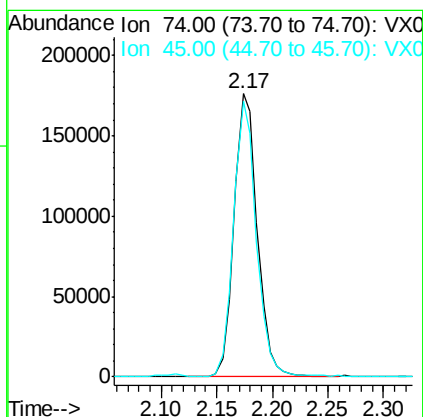
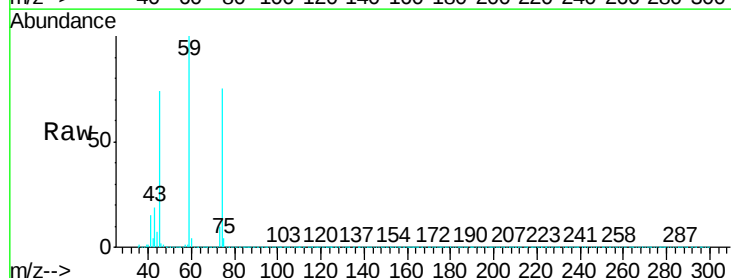
Tgt Ion:101 Resp: 535241
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5

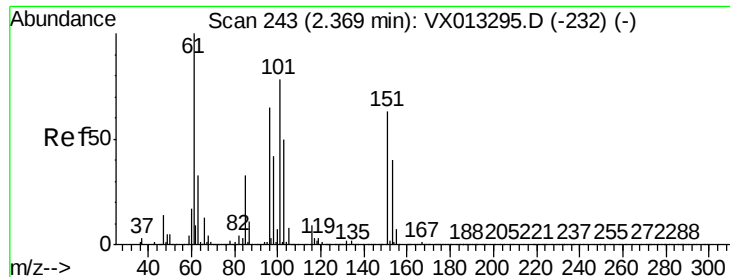


#8

Diethyl Ether
Concen: 48.139 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 74 Resp: 253821
Ion Ratio Lower Upper
74 100
45 95.2 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.762 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

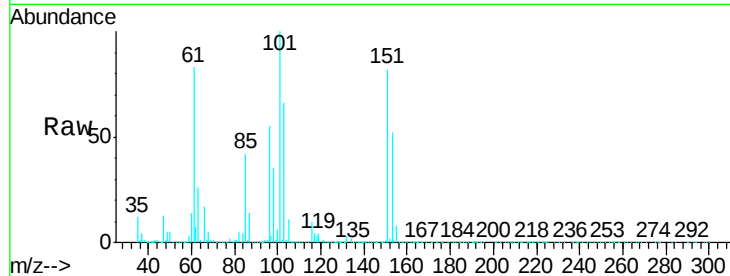
Instrument :

MSVOA_X

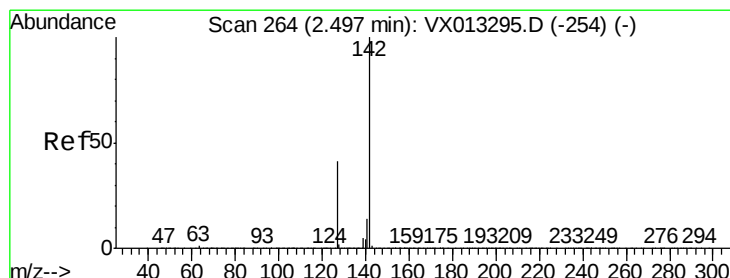
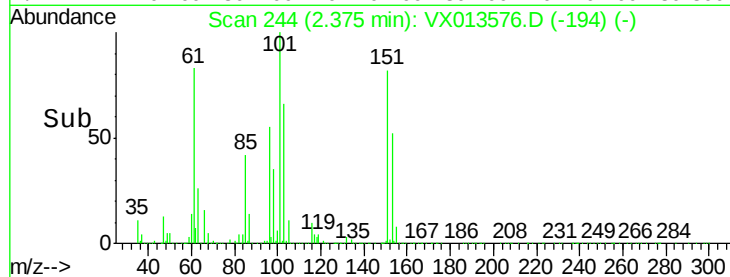
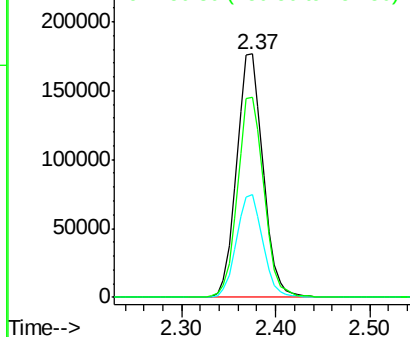
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	343995
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	82.5	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: 49.477 ug/l

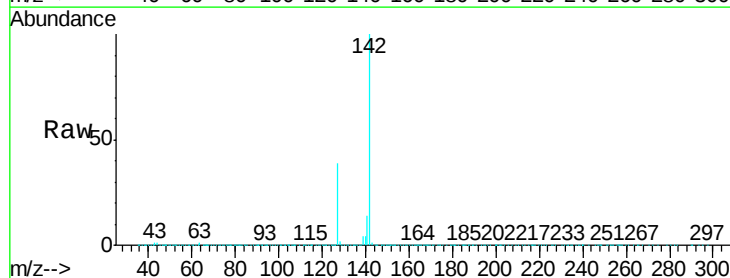
RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

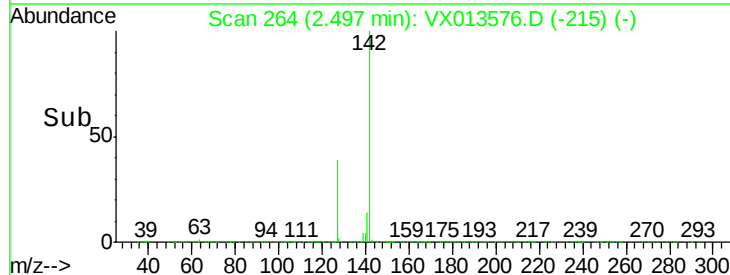
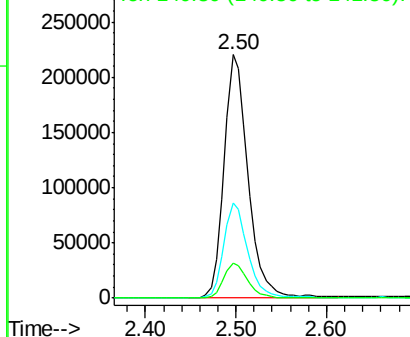
Lab File: VX013576.D

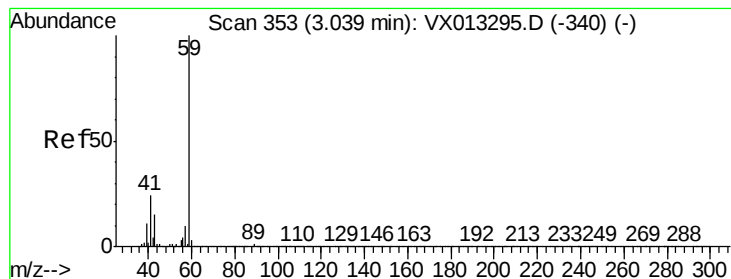
Acq: 25 Nov 2019 12:42

Tgt Ion:	142	Resp:	407095
Ion Ratio	Lower	Upper	
142	100		
127	38.7	32.6	49.0
141	14.4	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



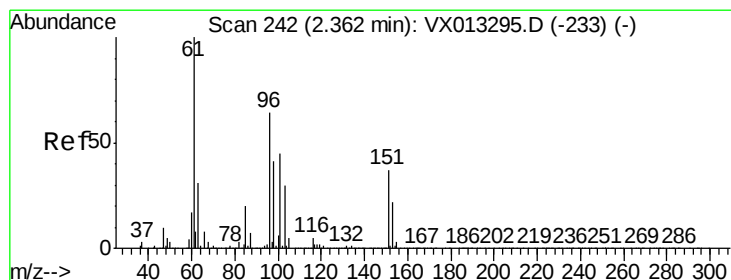
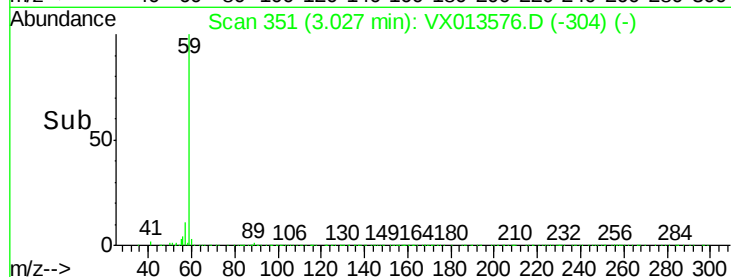
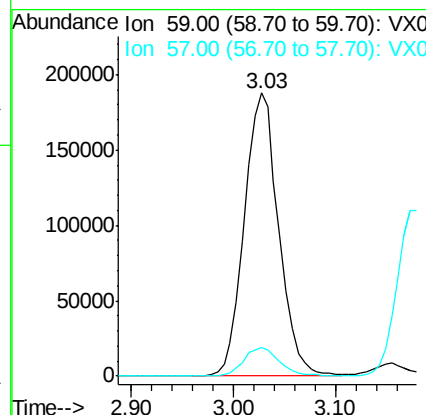
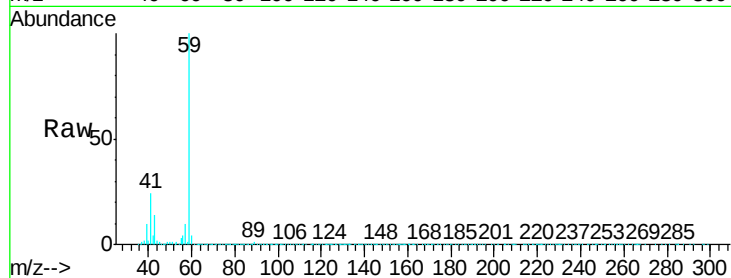


#11

Tert butyl alcohol
Concen: 197.621 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

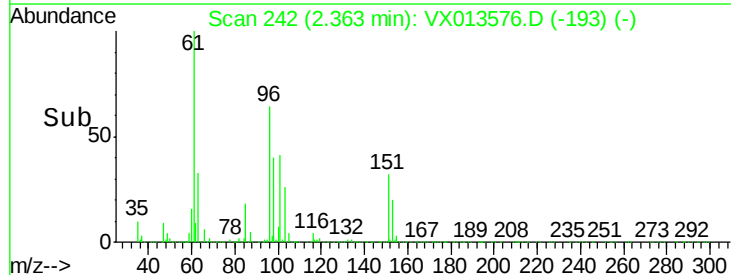
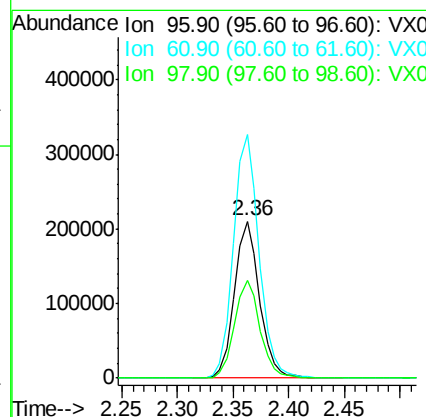
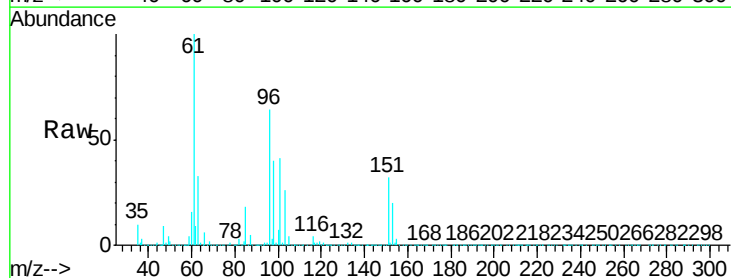
Tgt Ion: 59 Resp: 437804
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0

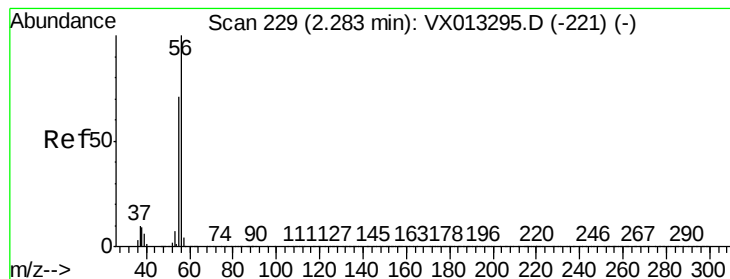


#12

1,1-Dichloroethene
Concen: 50.280 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 96 Resp: 327220
Ion Ratio Lower Upper
96 100
61 155.2 125.0 187.6
98 62.5 50.7 76.1





#13

Acrolein

Concen: 341.077 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

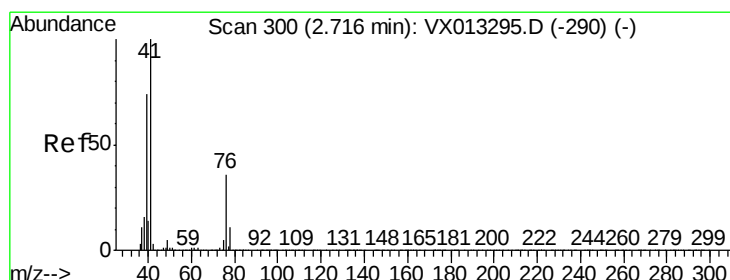
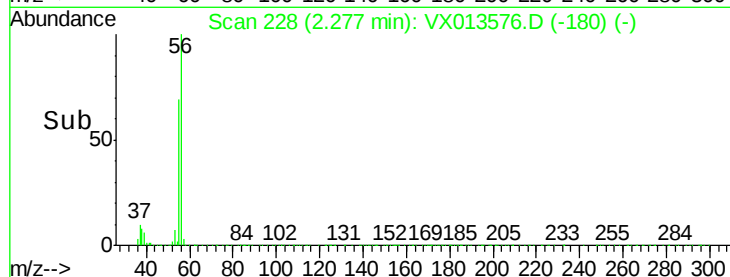
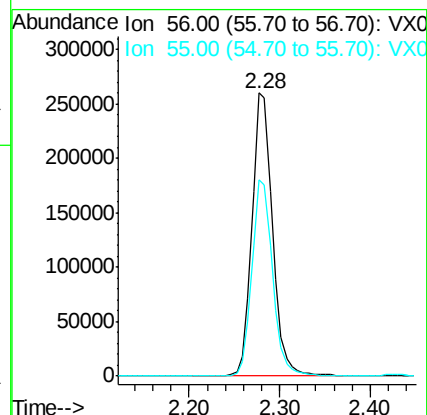
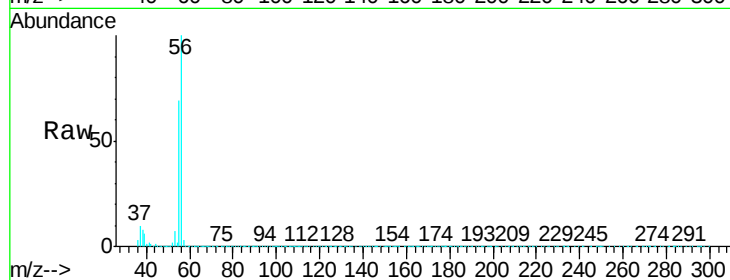
VSTDCCC050

Tgt Ion: 56 Resp: 409521

Ion Ratio Lower Upper

56 100

55 69.2 57.4 86.0



#14

Allyl chloride

Concen: 52.533 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

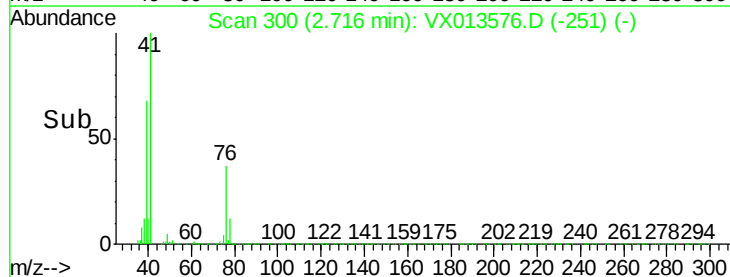
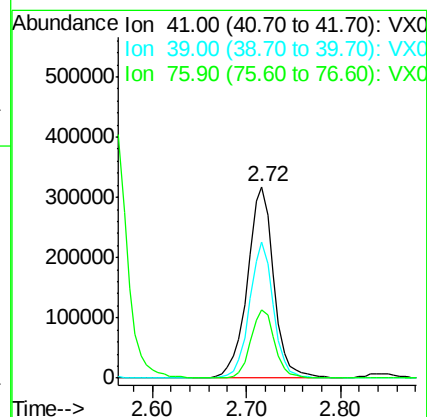
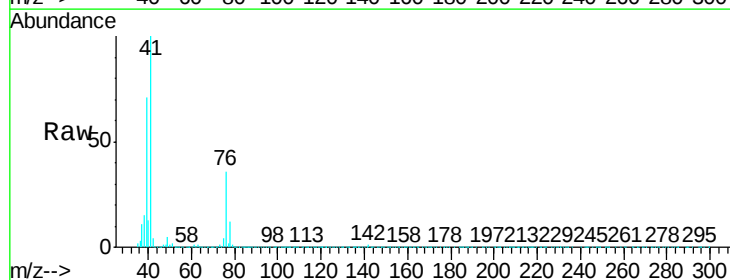
Tgt Ion: 41 Resp: 621192

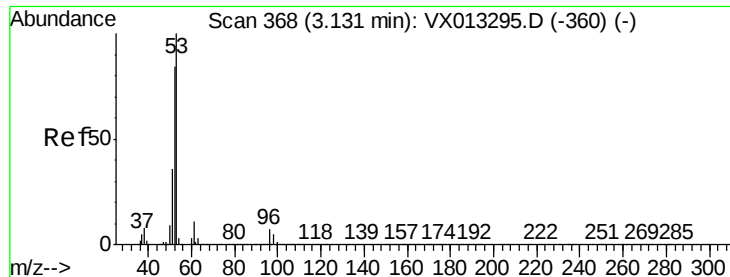
Ion Ratio Lower Upper

41 100

39 64.3 55.8 83.8

76 32.5 26.4 39.6





#15

Acrylonitrile

Concen: 261.662 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

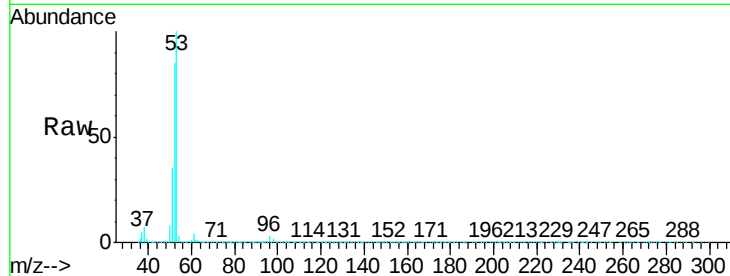
Tgt Ion: 53 Resp: 1082815

Ion Ratio Lower Upper

53 100

52 82.9 67.4 101.0

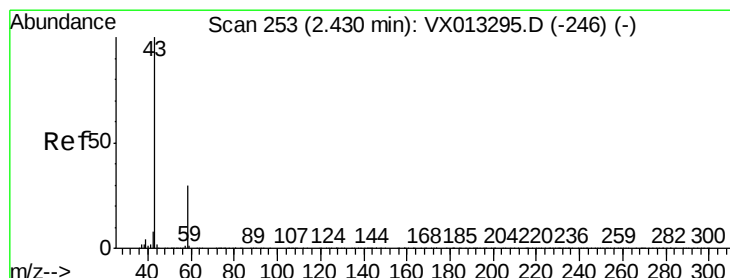
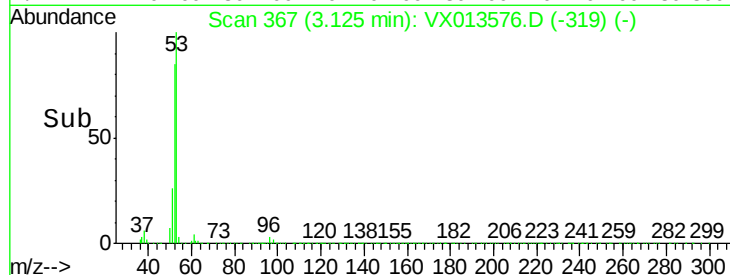
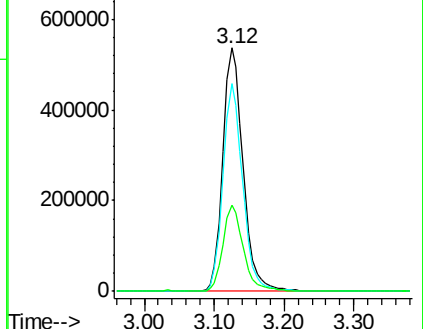
51 35.4 29.4 44.2



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: 246.269 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013576.D

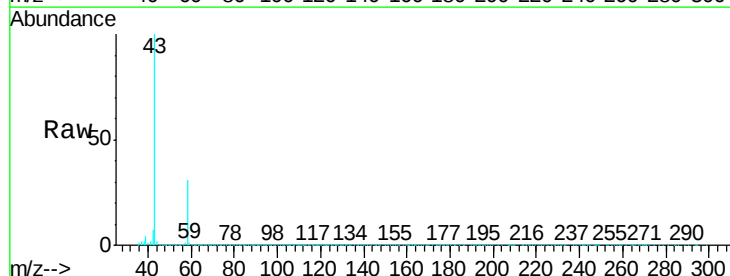
Acq: 25 Nov 2019 12:42

Tgt Ion: 43 Resp: 1032462

Ion Ratio Lower Upper

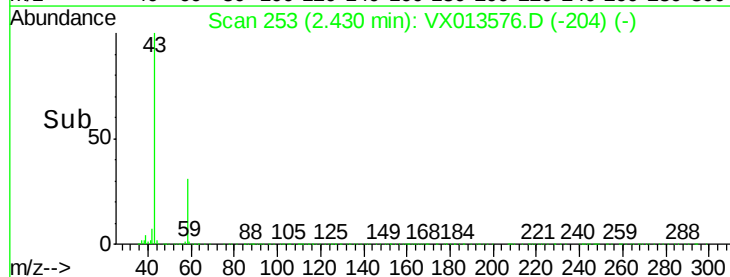
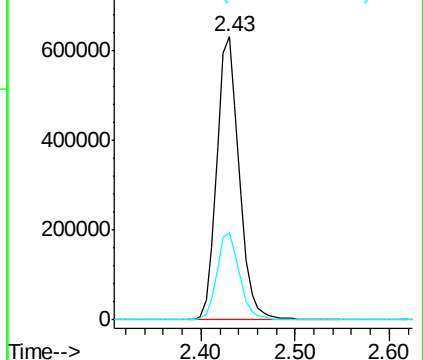
43 100

58 31.0 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

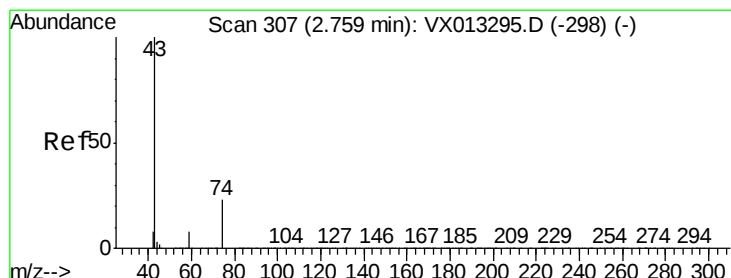
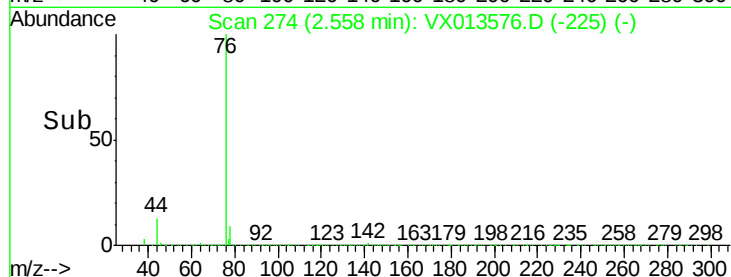
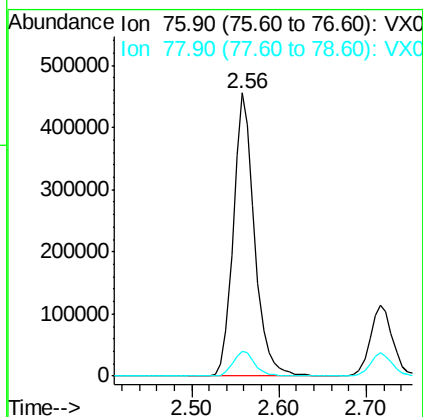
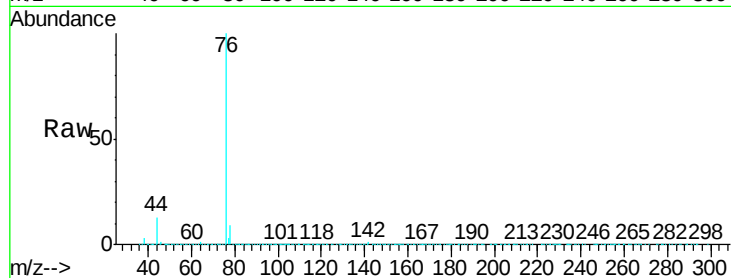




#17
Carbon Disulfide
Concen: 43.998 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

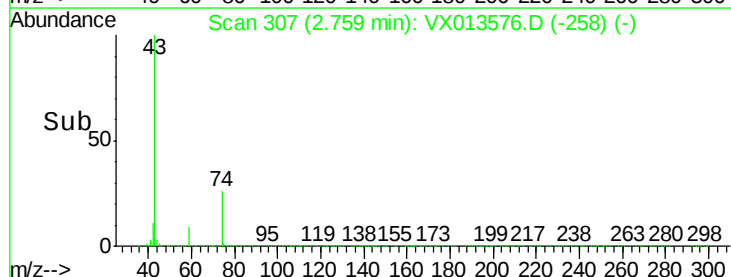
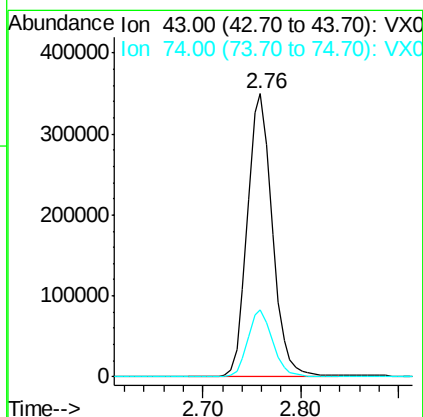
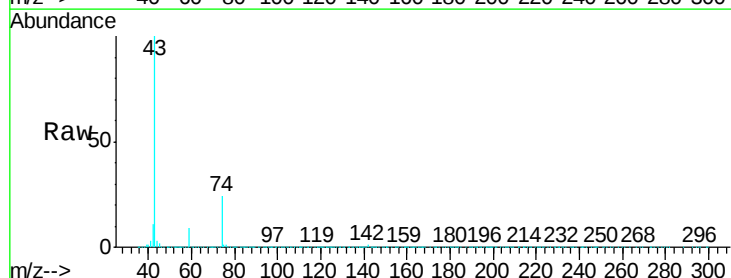
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

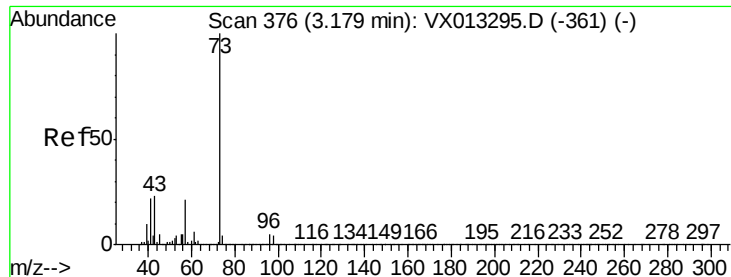
Tgt Ion: 76 Resp: 766390
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 53.593 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 43 Resp: 620302
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.6

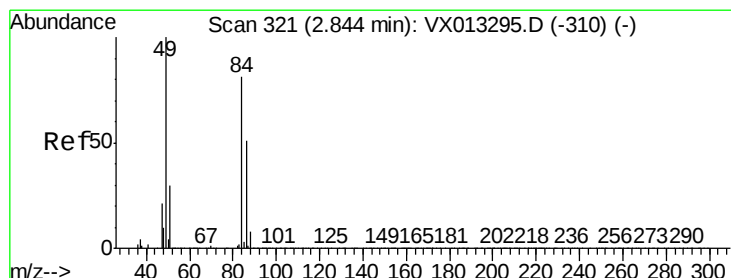
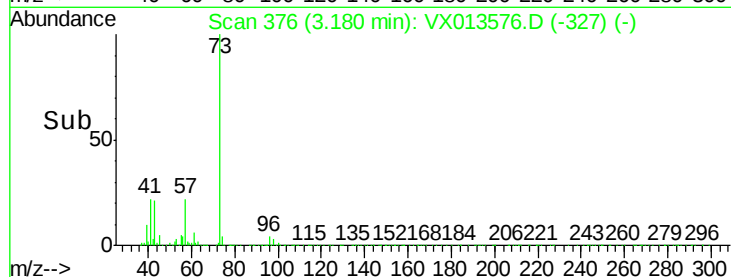
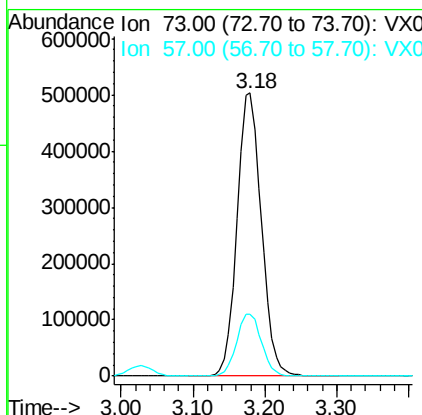
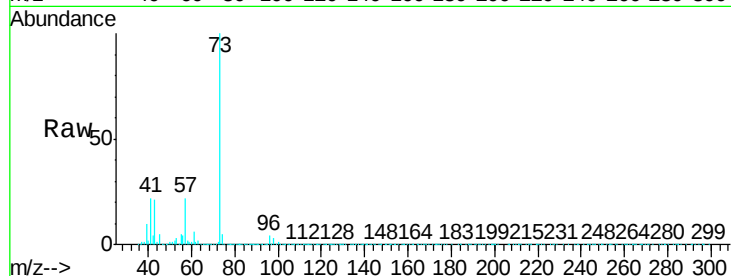




#19
Methyl tert-butyl Ether
Concen: 54.198 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

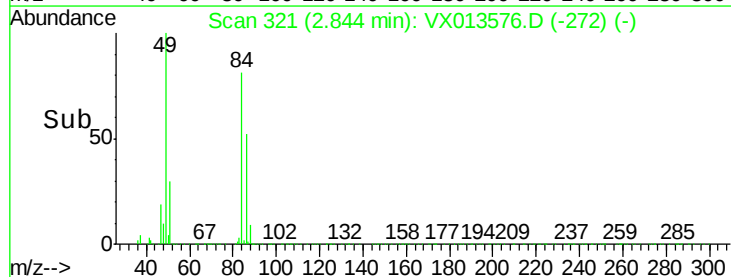
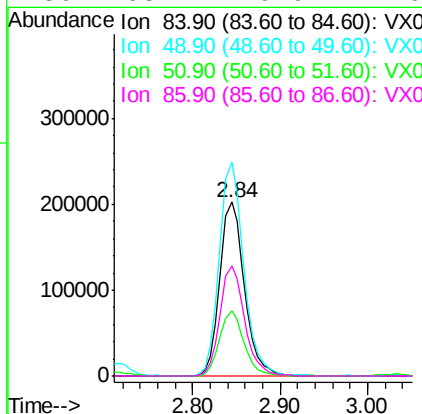
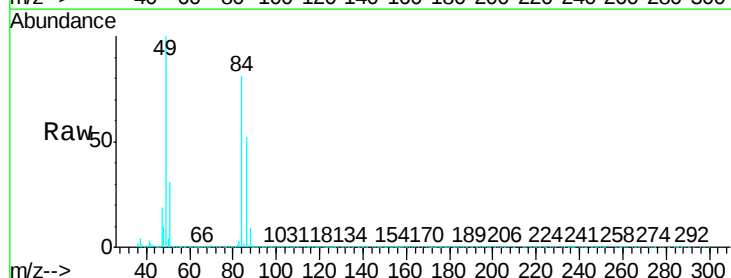
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

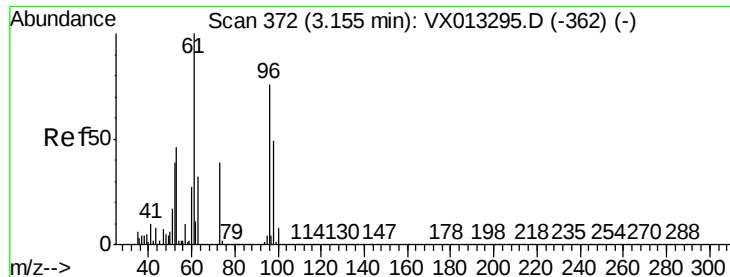
Tgt Ion: 73 Resp: 1176431
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 51.100 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 84 Resp: 395824
Ion Ratio Lower Upper
84 100
49 122.9 98.2 147.4
51 37.3 29.9 44.9
86 63.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.406 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

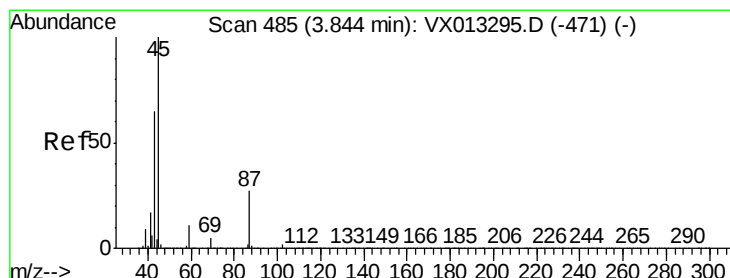
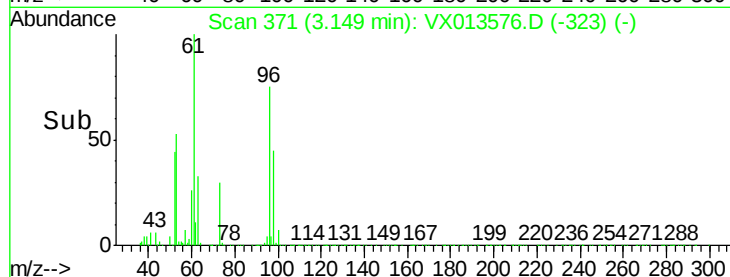
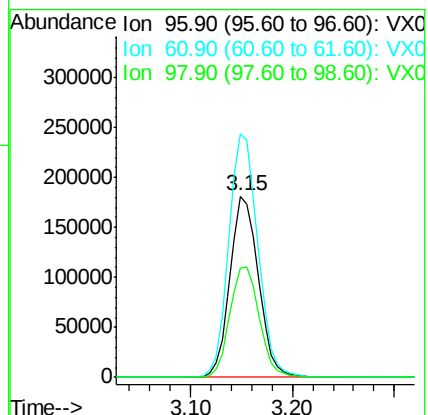
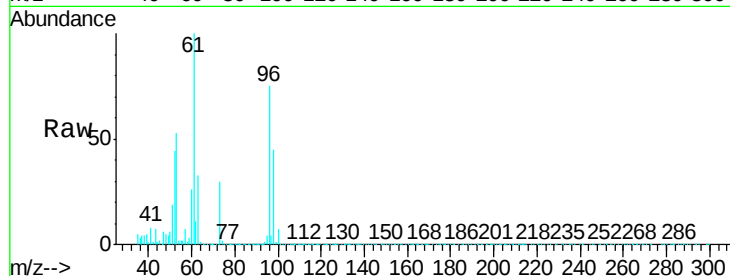
Tgt Ion: 96 Resp: 350086

Ion Ratio Lower Upper

96 100

61 134.3 105.8 158.6

98 60.0 51.8 77.6



#22

Diisopropyl ether

Concen: 55.821 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion: 45 Resp: 1274332

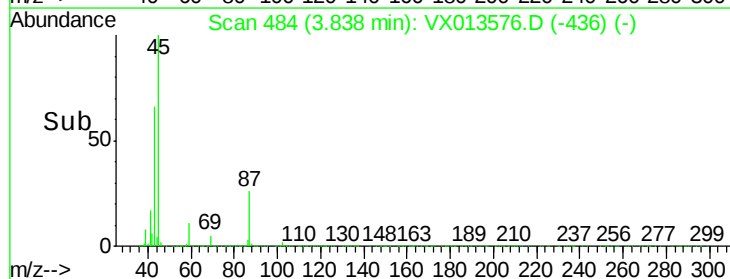
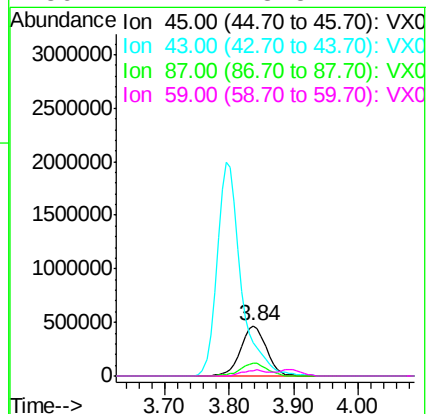
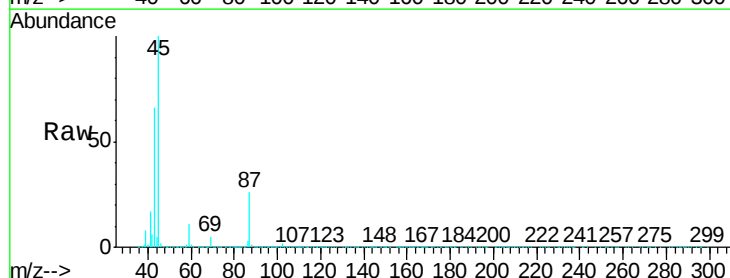
Ion Ratio Lower Upper

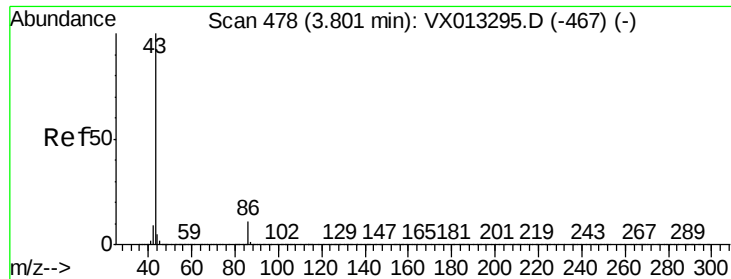
45 100

43 66.4 54.2 81.2

87 26.3 21.8 32.8

59 11.1 8.5 12.7

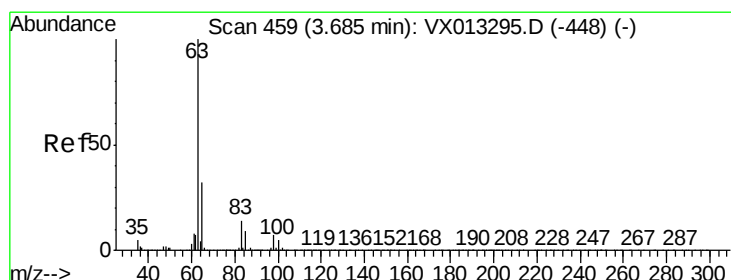
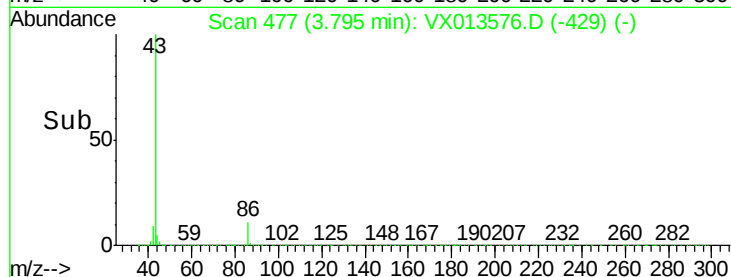
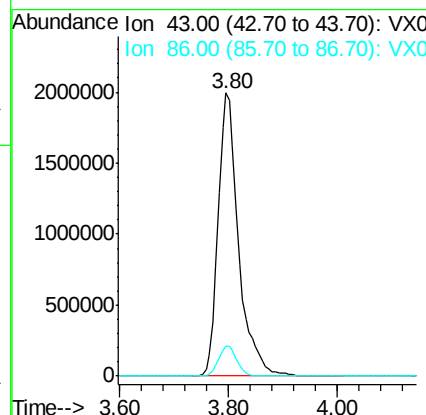
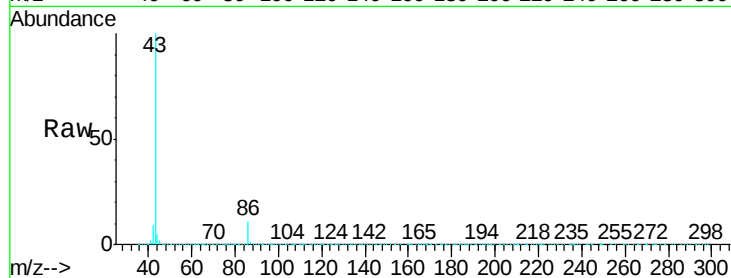




#23
 Vinyl Acetate
 Concen: 266.263 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

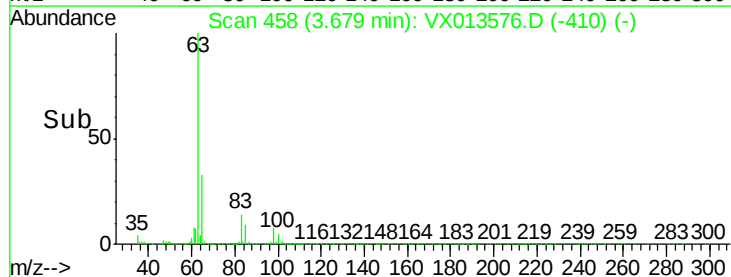
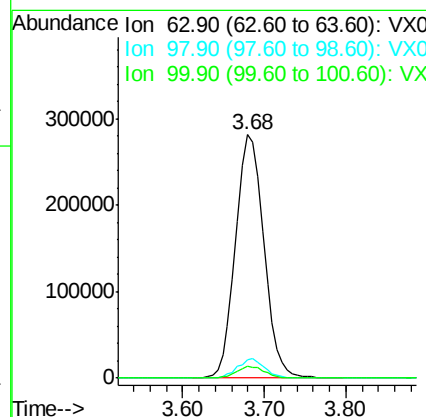
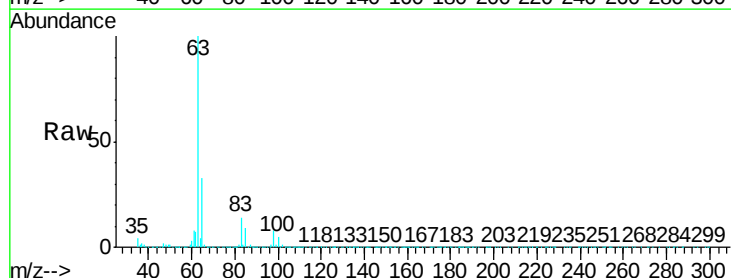
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

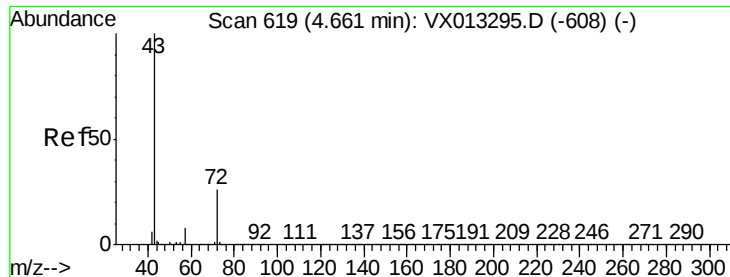
Tgt Ion: 43 Resp: 5201349
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.856 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion: 63 Resp: 675002
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.8 2.4 7.2

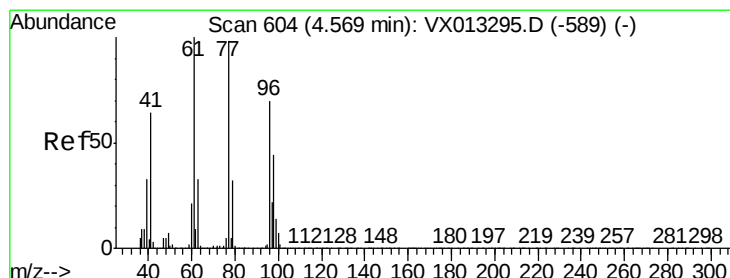
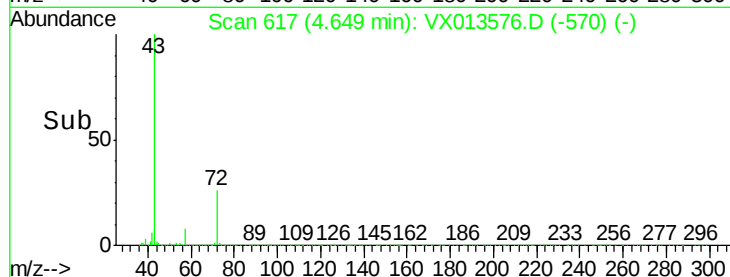
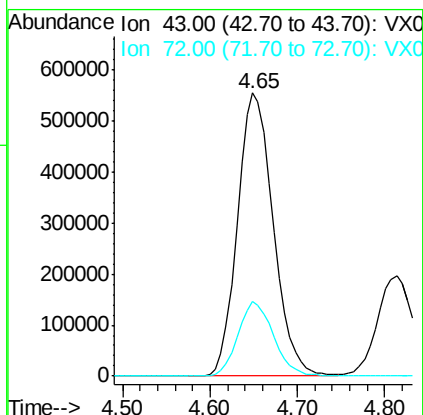
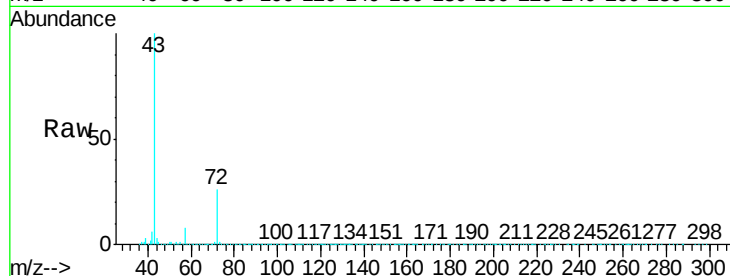




#25
2-Butanone
Concen: 254.492 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

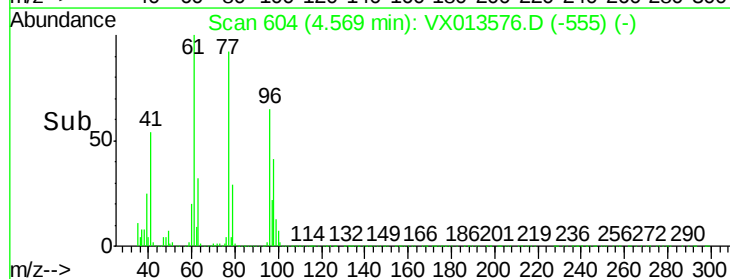
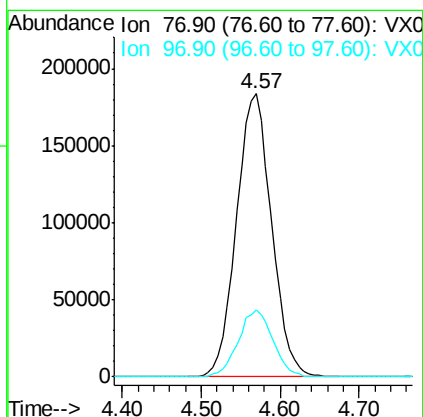
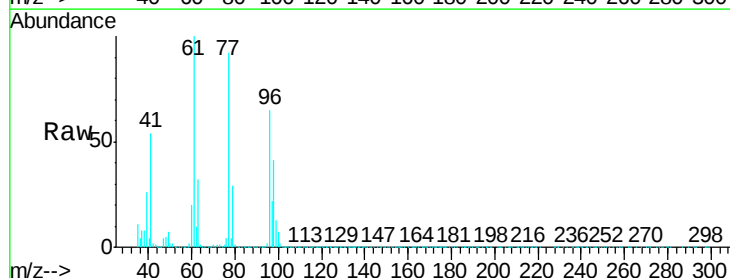
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

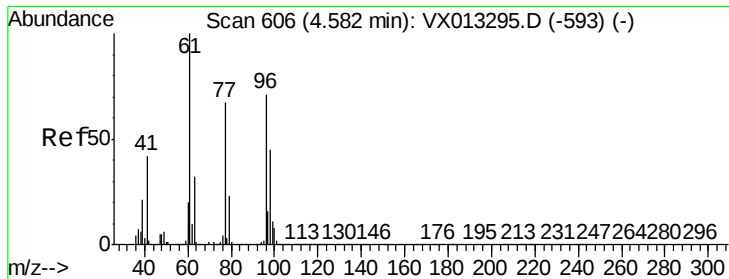
Tgt Ion: 43 Resp: 1565213
Ion Ratio Lower Upper
43 100
72 26.2 21.0 31.6



#26
2,2-Dichloropropane
Concen: 55.689 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 77 Resp: 565762
Ion Ratio Lower Upper
77 100
97 23.5 11.3 33.8



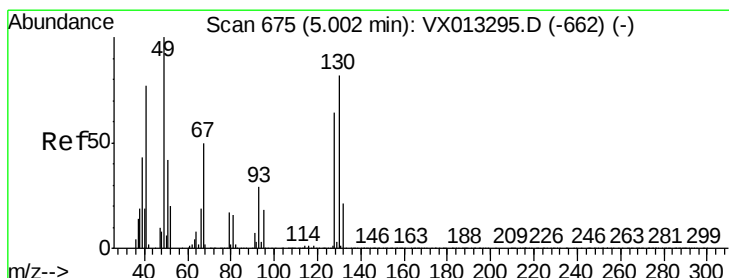
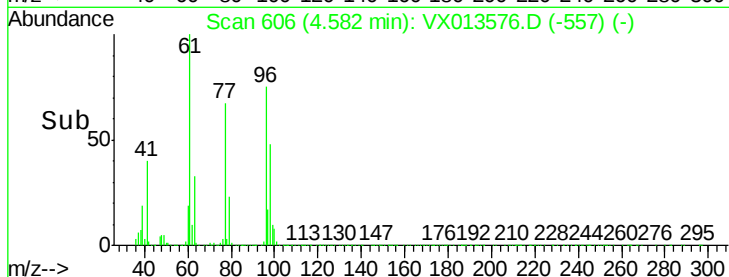
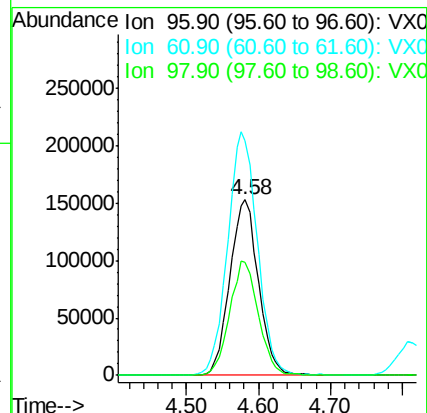
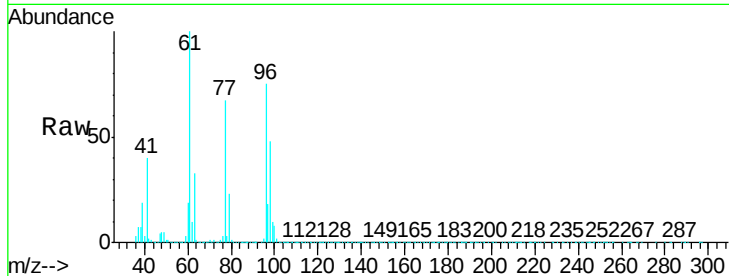


#27

cis-1,2-Dichloroethene
Concen: 53.220 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

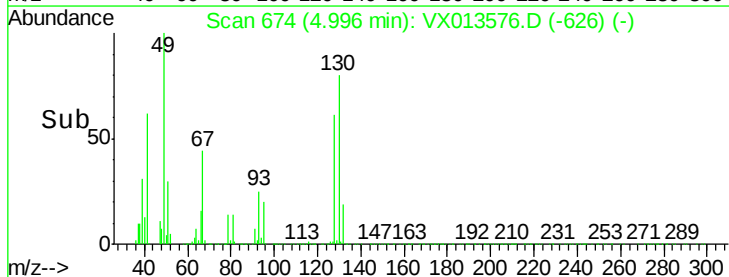
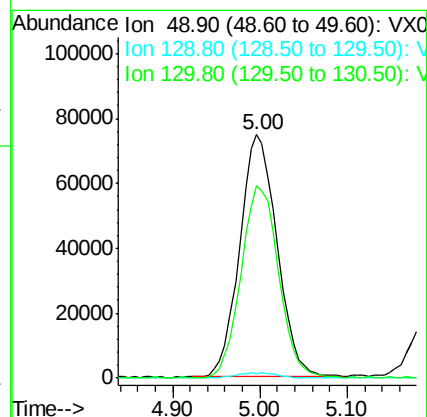
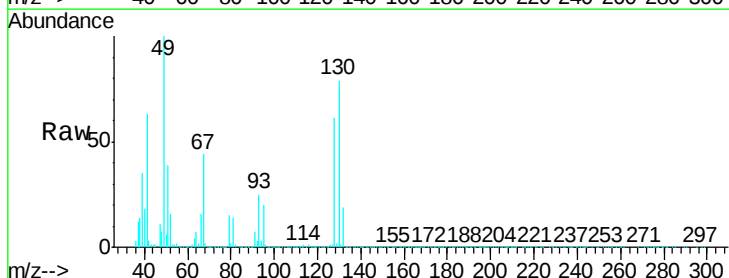
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	288.0
98	65.1	0.0	129.6

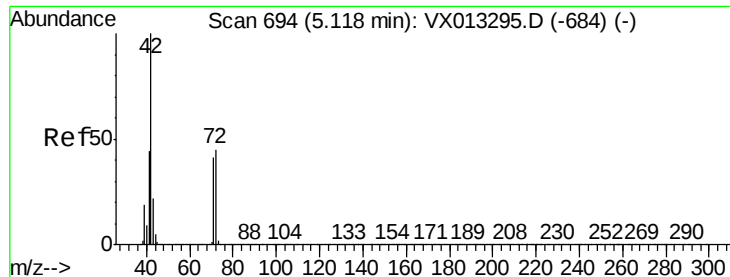


#28

Bromochloromethane
Concen: 61.182 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	79.4	63.8	95.6





#29

Tetrahydrofuran

Concen: 251.990 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

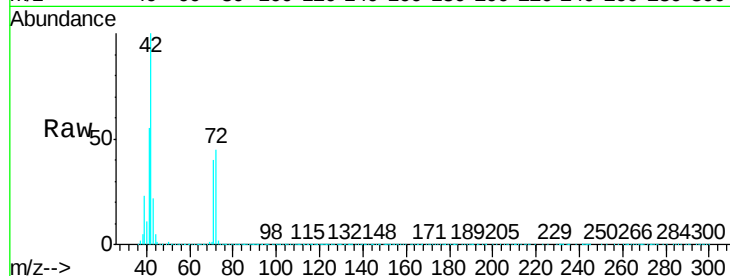
Tgt Ion: 42 Resp: 955065

Ion Ratio Lower Upper

42 100

72 44.7 35.8 53.8

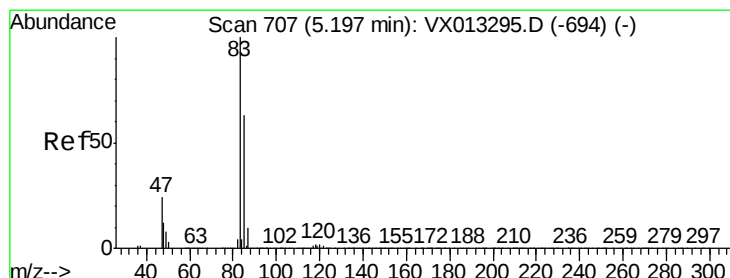
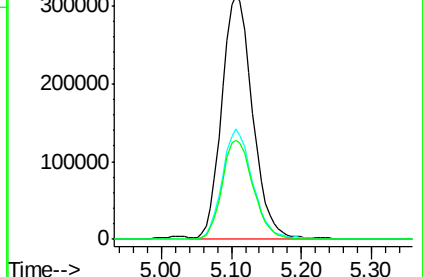
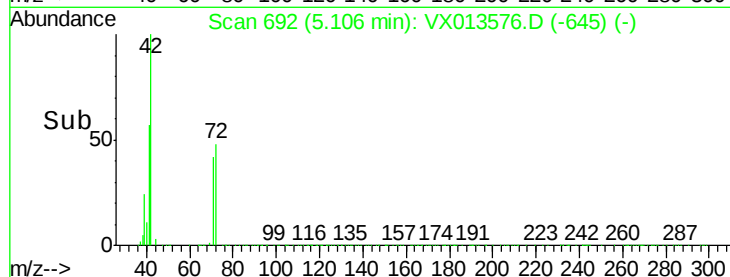
71 41.1 33.4 50.0



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: 52.333 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013576.D

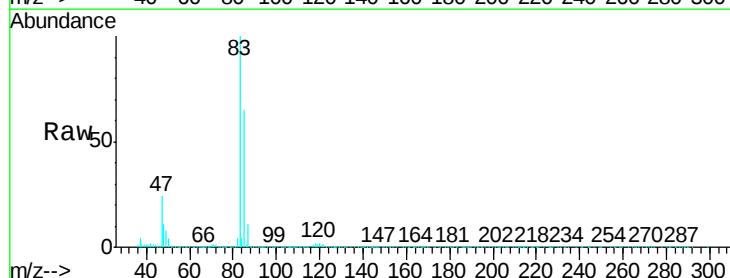
Acq: 25 Nov 2019 12:42

Tgt Ion: 83 Resp: 659939

Ion Ratio Lower Upper

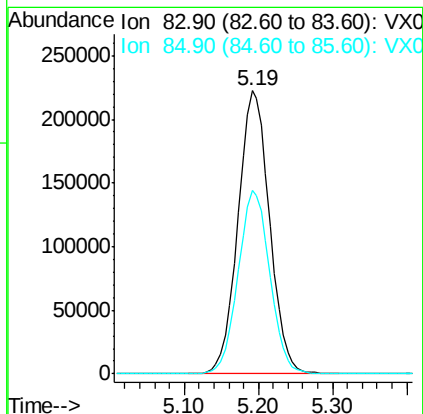
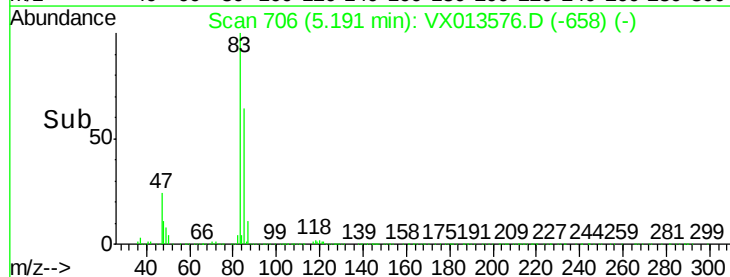
83 100

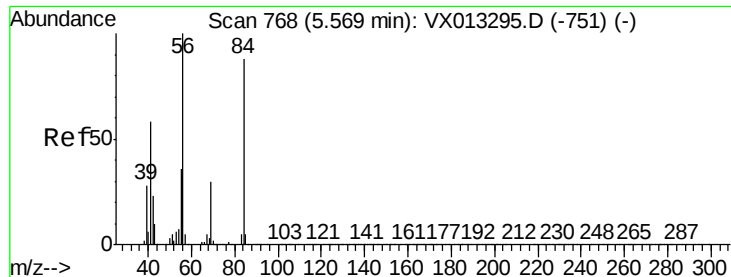
85 64.8 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

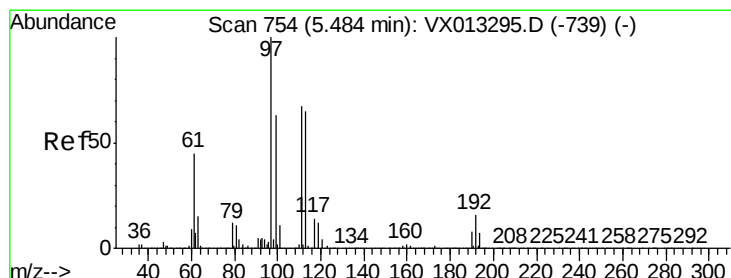
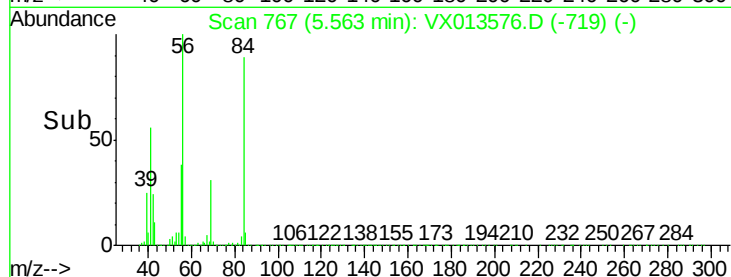
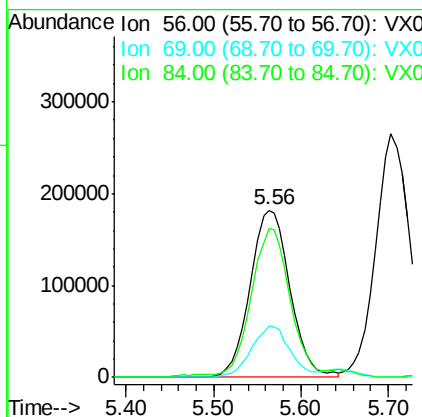
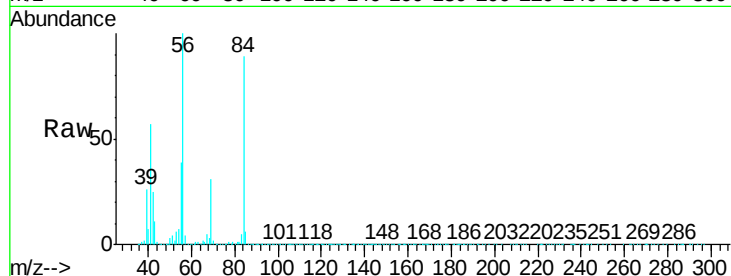




#31
Cyclohexane
Concen: 50.092 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

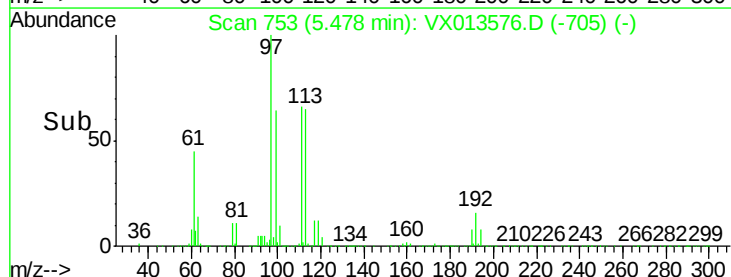
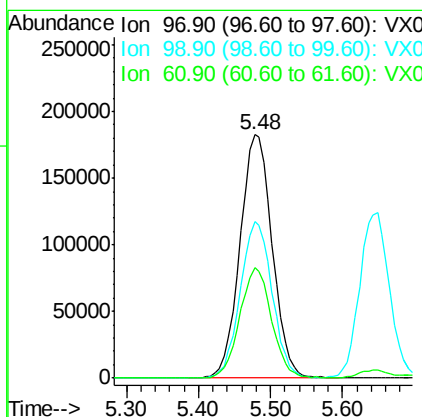
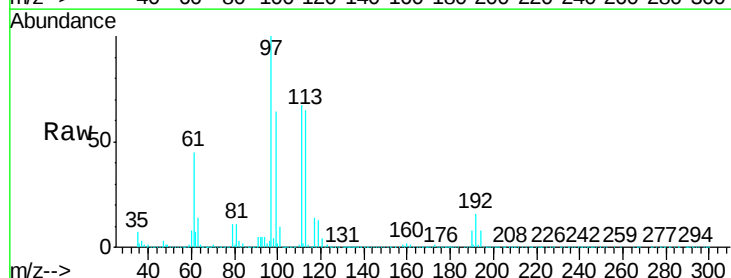
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

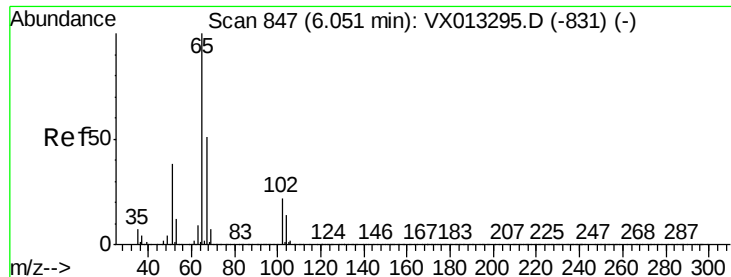
Tgt Ion: 56 Resp: 575631
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 87.9 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 52.180 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 97 Resp: 566278
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 44.4 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 50.022 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

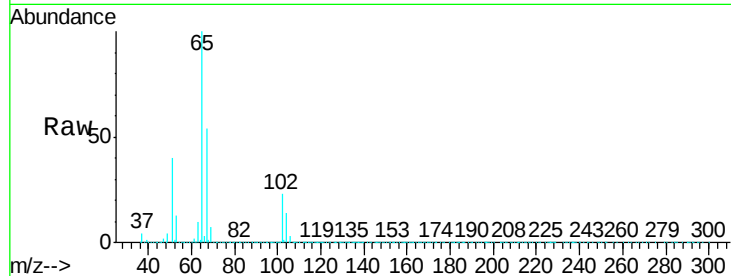
VSTDCCC050

Tgt Ion: 65 Resp: 420443

Ion Ratio Lower Upper

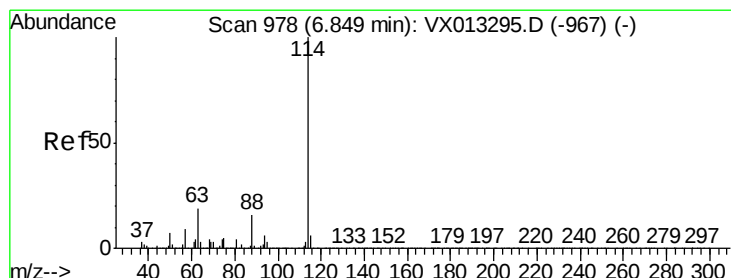
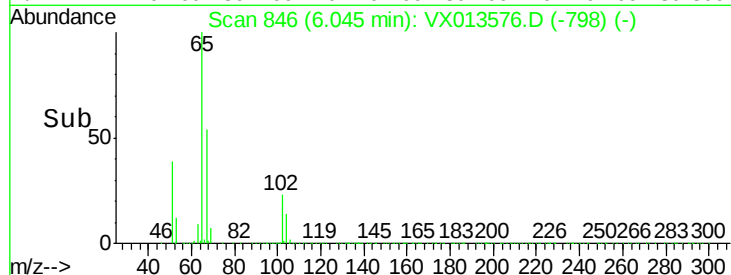
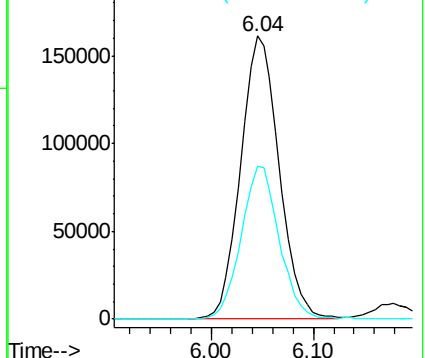
65 100

67 53.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

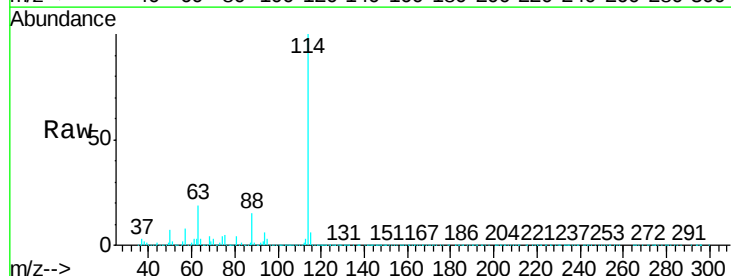
Tgt Ion: 114 Resp: 1063766

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

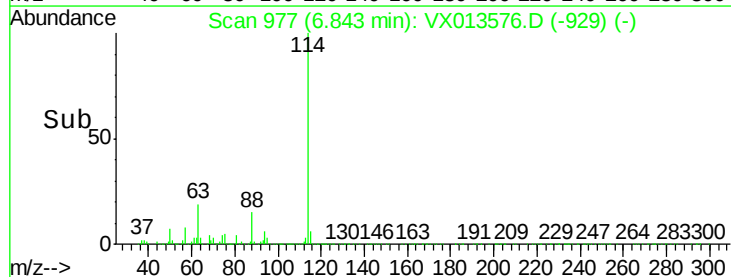
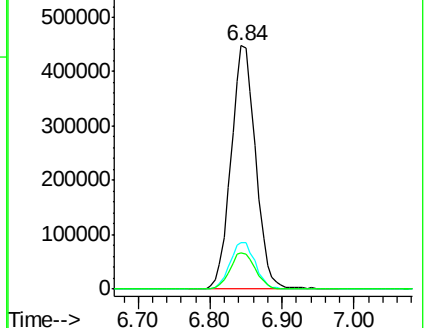
88 15.0 0.0 32.2

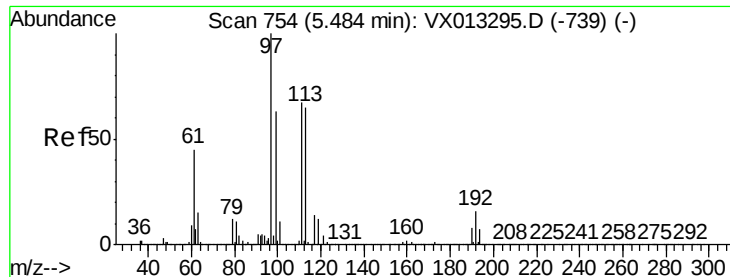


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

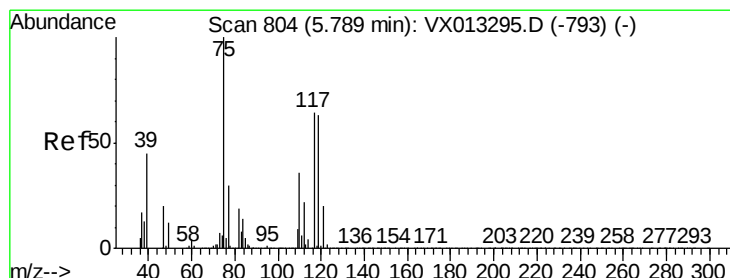
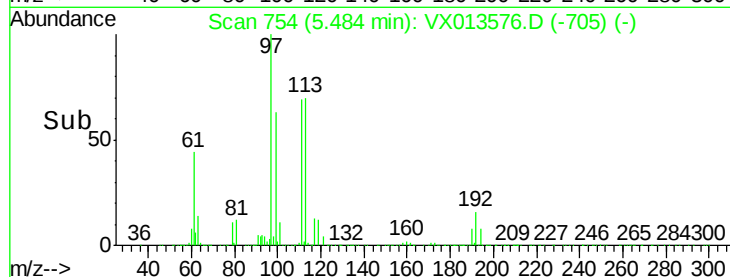
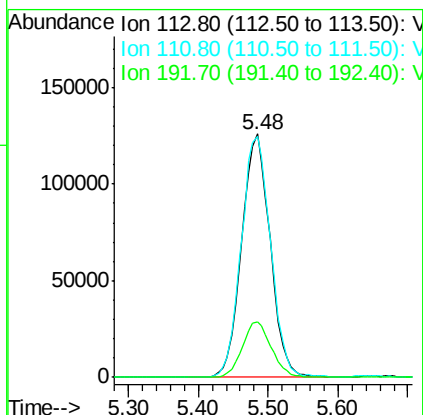
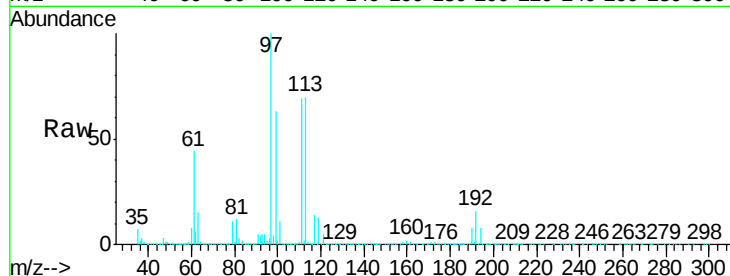




#35
Dibromofluoromethane
Concen: 53.499 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

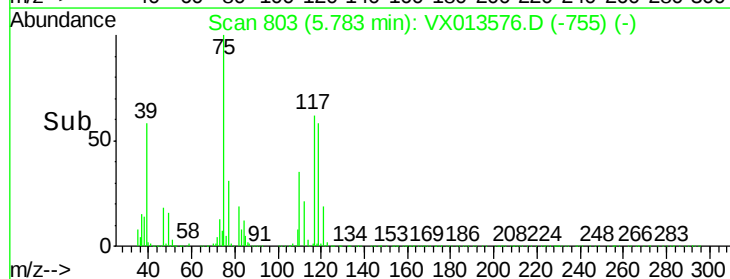
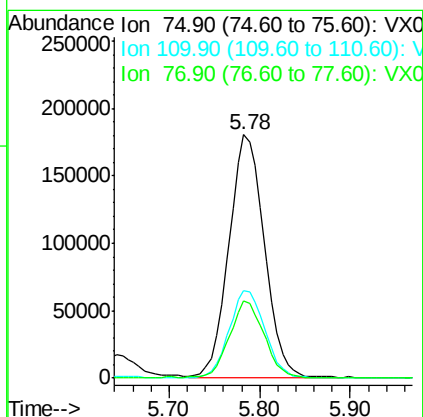
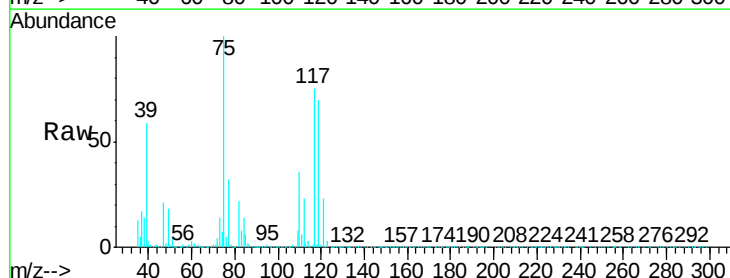
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

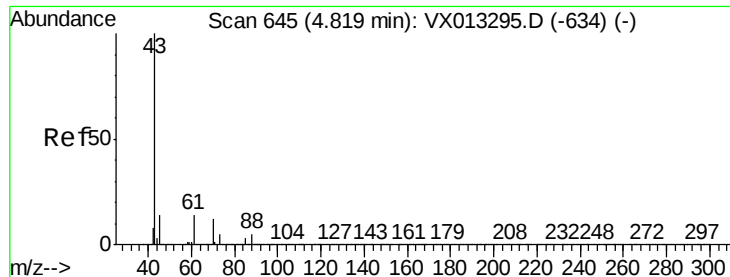
Tgt Ion:113 Resp: 356951
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 23.5 19.1 28.7



#36
1,1-Dichloropropene
Concen: 53.373 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 75 Resp: 487073
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.1
77 30.8 25.0 37.4

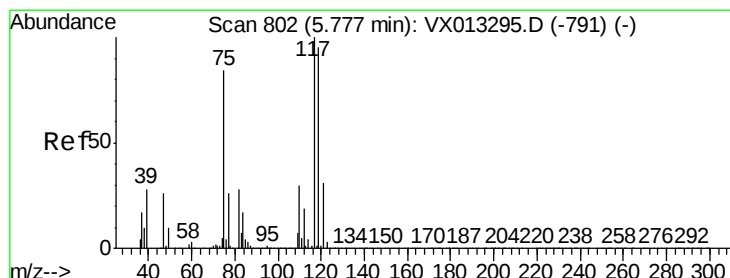
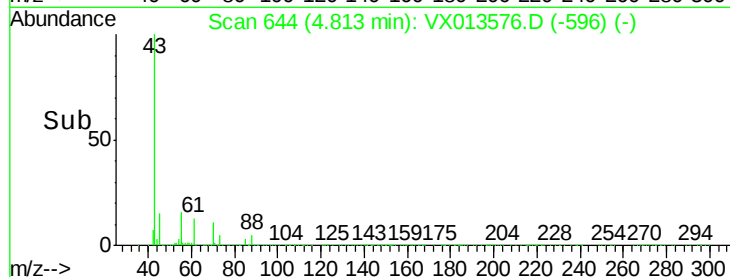
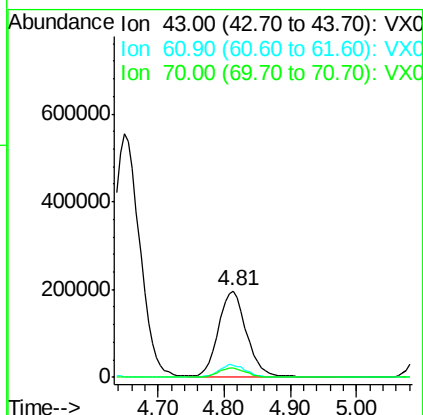
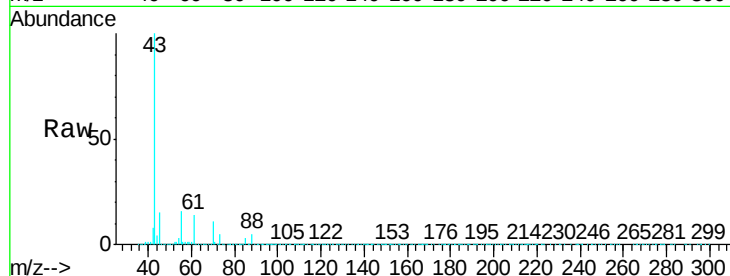




#37
Ethyl Acetate
Concen: 51.108 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

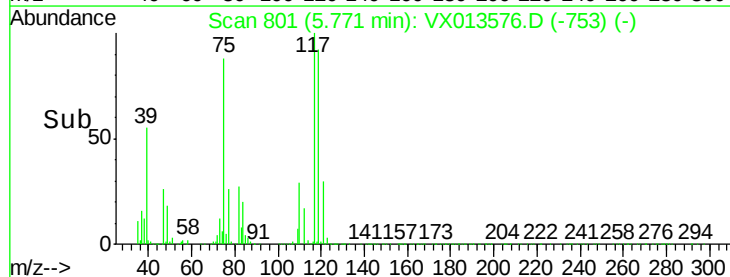
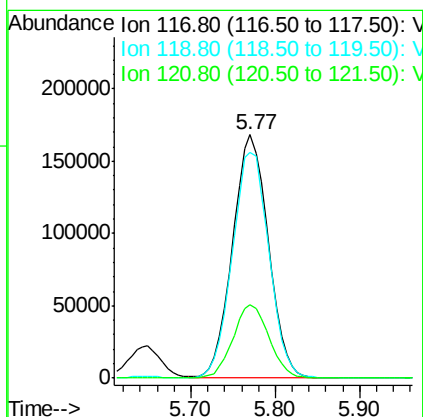
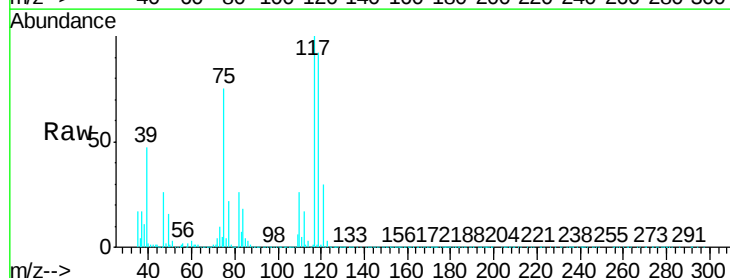
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

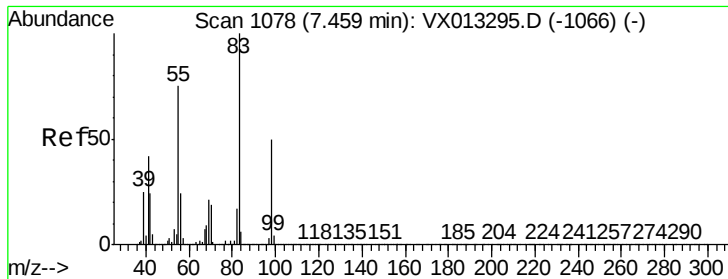
Tgt Ion: 43 Resp: 576312
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 11.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 54.036 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 117 Resp: 482216
Ion Ratio Lower Upper
117 100
119 92.5 76.1 114.1
121 30.1 24.6 37.0

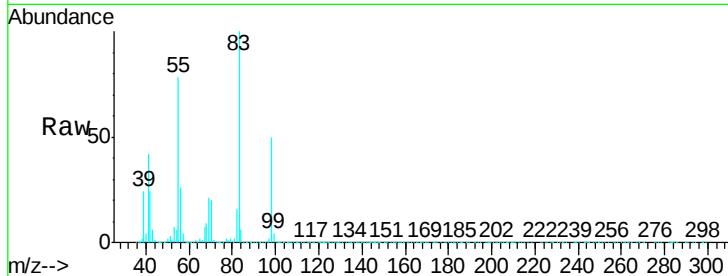




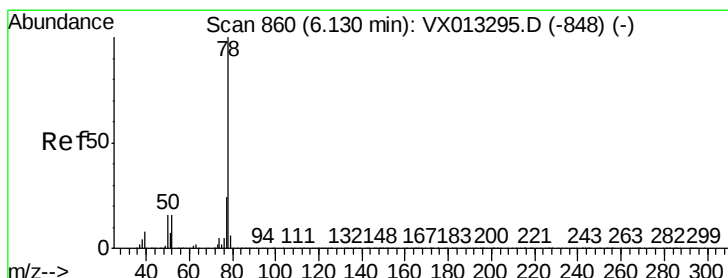
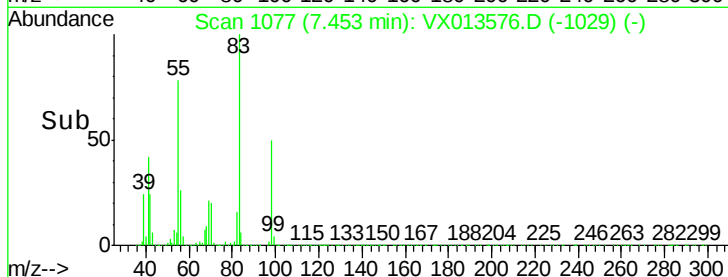
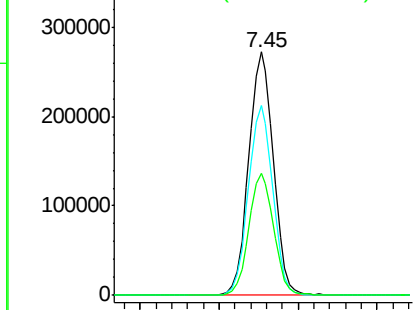
#39
Methylcyclohexane
Concen: 51.983 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.3	90.5
98	50.1	40.3	60.5

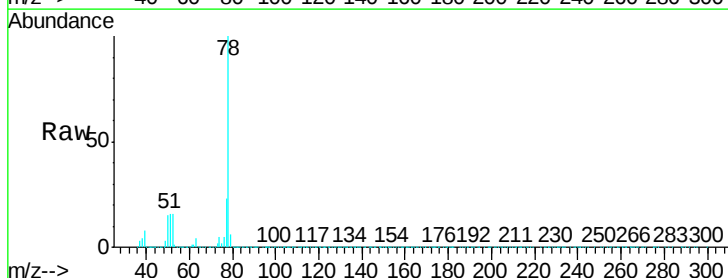


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

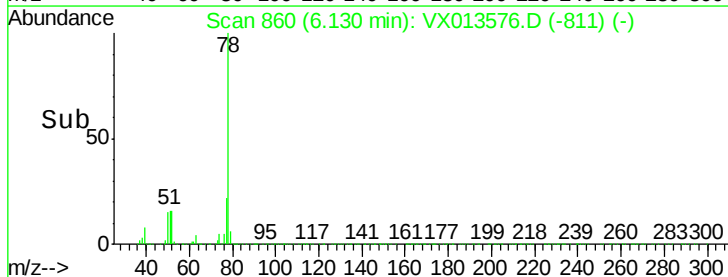
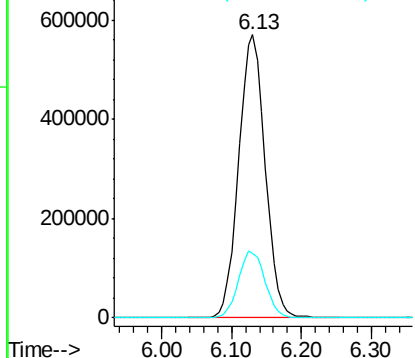


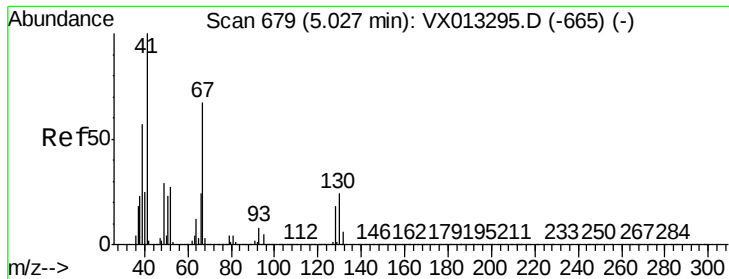
#40
Benzene
Concen: 52.666 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.5	29.3



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





#41

Methacrylonitrile

Concen: 52.757 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 333446

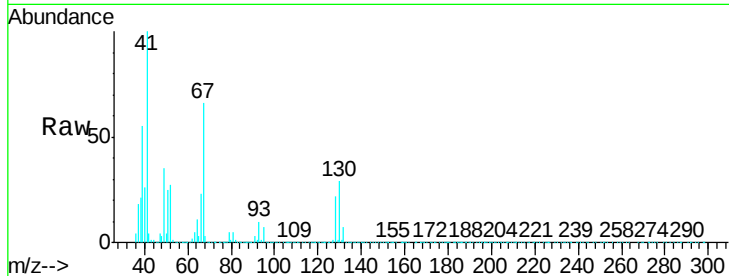
Ion Ratio Lower Upper

41 100

39 53.6 45.0 67.6

67 69.5 55.4 83.2

52 27.3 23.1 34.7

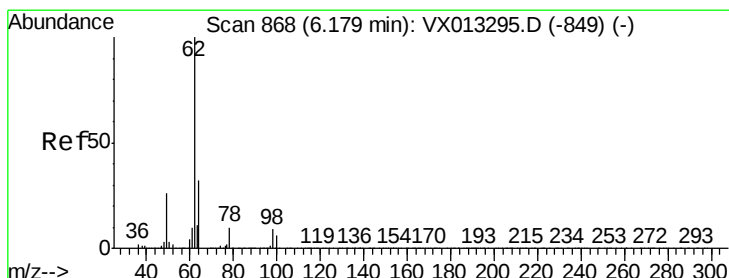
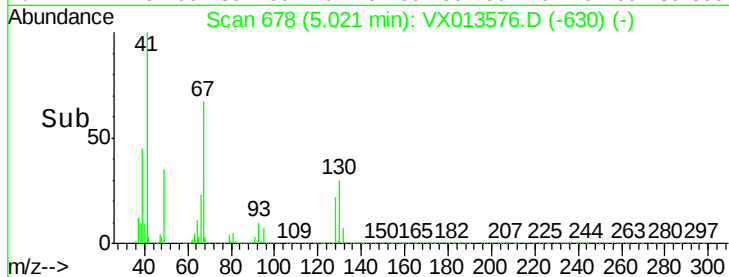
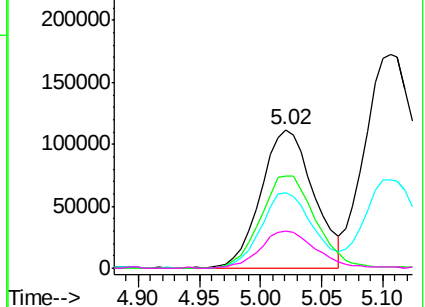


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.398 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX013576.D

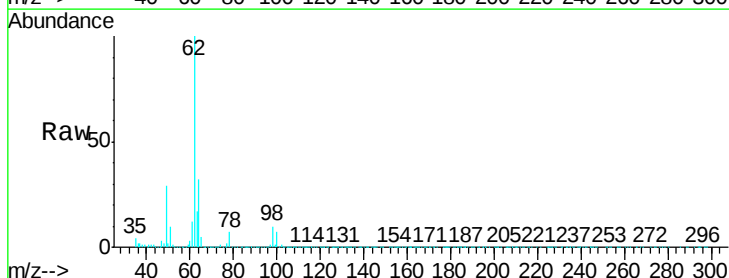
Acq: 25 Nov 2019 12:42

Tgt Ion: 62 Resp: 527021

Ion Ratio Lower Upper

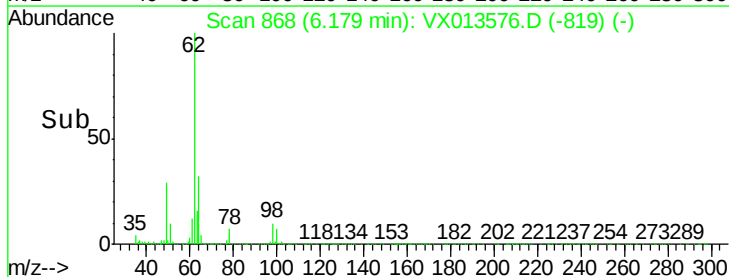
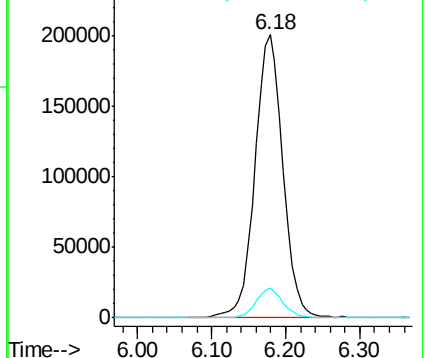
62 100

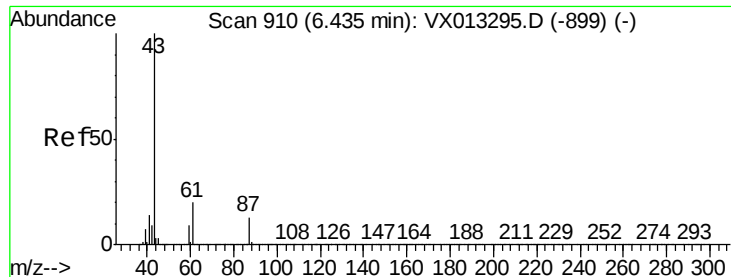
98 10.2 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.242 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

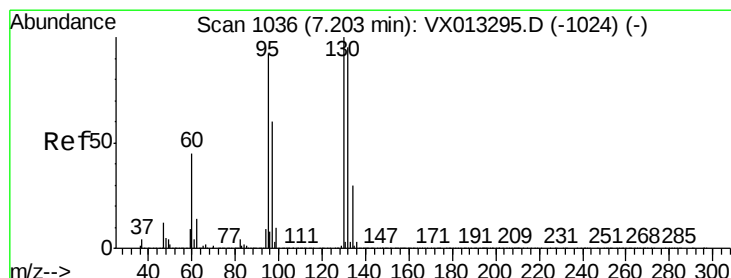
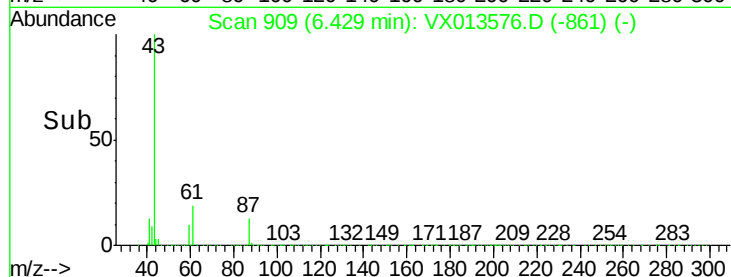
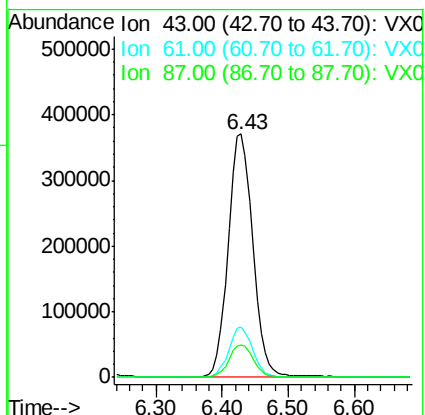
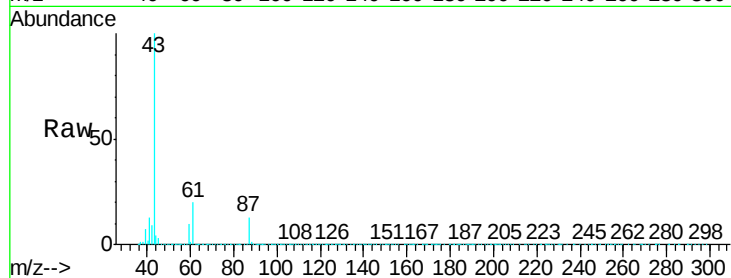
Tgt Ion: 43 Resp: 952457

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

87 13.3 10.4 15.6



#44

Trichloroethene

Concen: 51.748 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013576.D

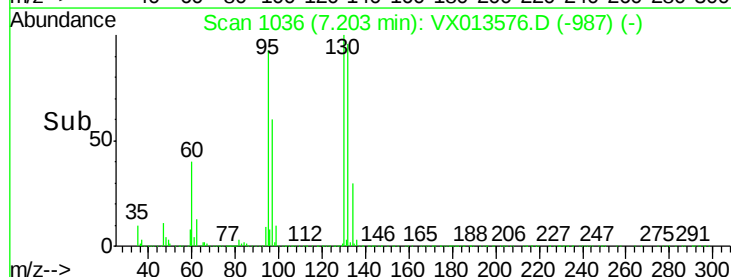
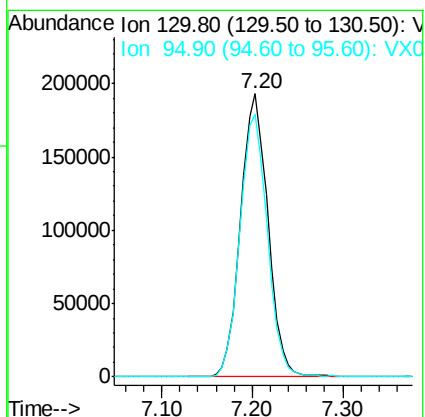
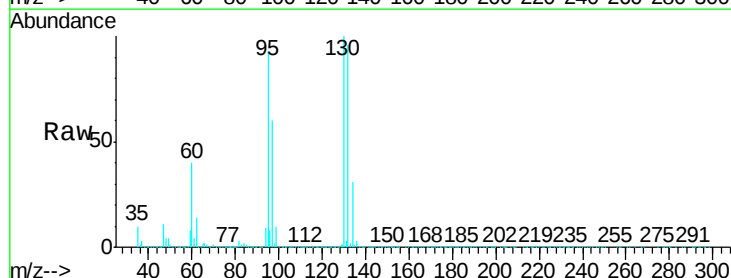
Acq: 25 Nov 2019 12:42

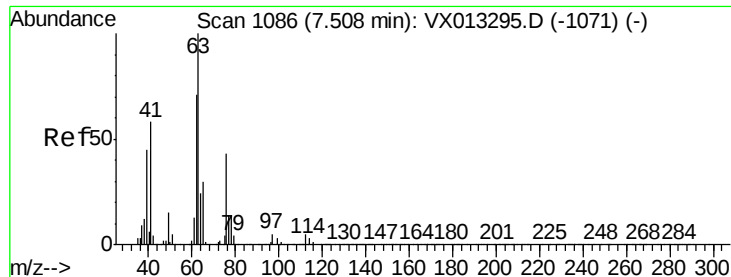
Tgt Ion: 130 Resp: 404919

Ion Ratio Lower Upper

130 100

95 93.0 0.0 184.8

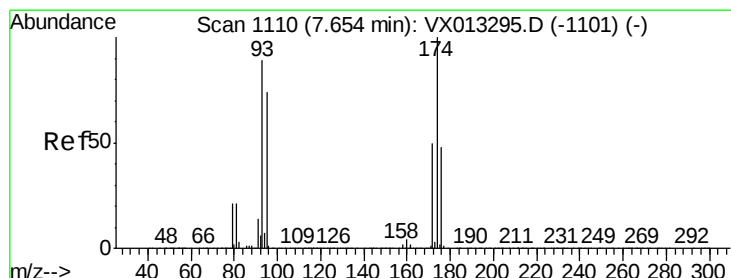
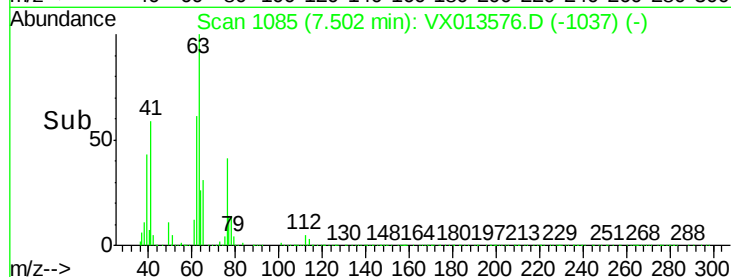
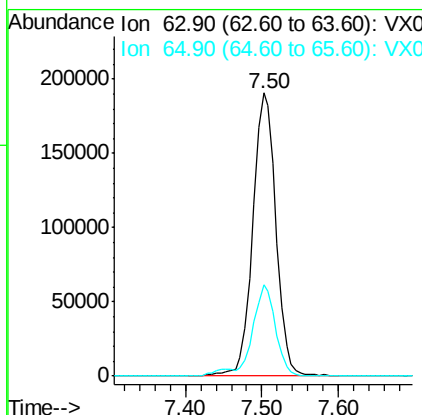
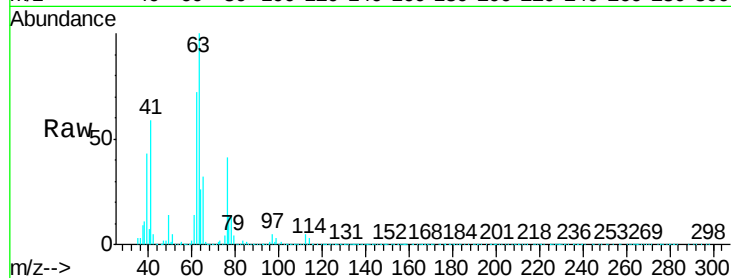




#45
 1,2-Dichloropropane
 Concen: 55.350 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

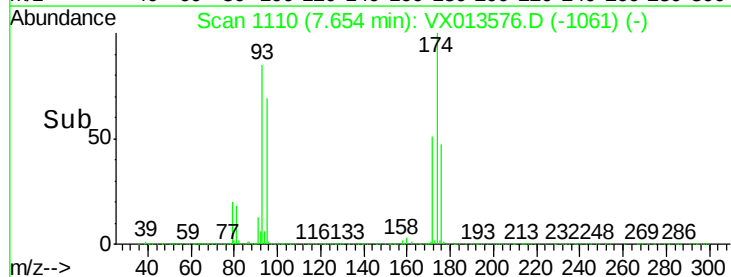
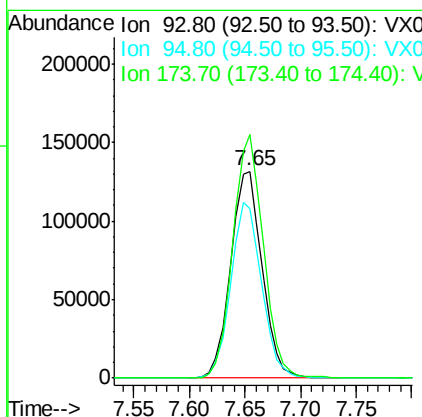
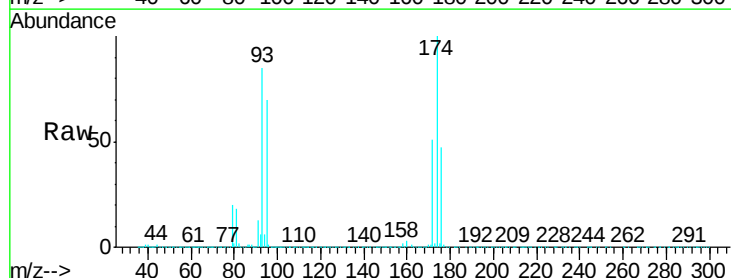
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

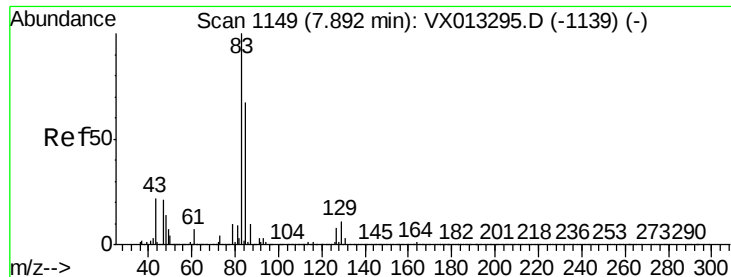
Tgt Ion: 63 Resp: 400899
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.3 36.5



#46
 Dibromomethane
 Concen: 51.928 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion: 93 Resp: 256799
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.8 98.6
 174 115.1 90.4 135.6





#47

Bromodichloromethane

Concen: 56.693 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

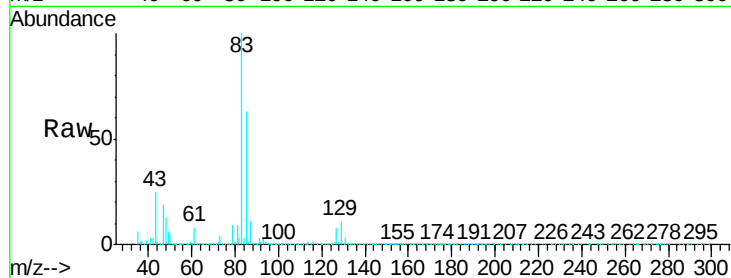
Tgt Ion: 83 Resp: 528683

Ion Ratio Lower Upper

83 100

85 63.1 53.7 80.5

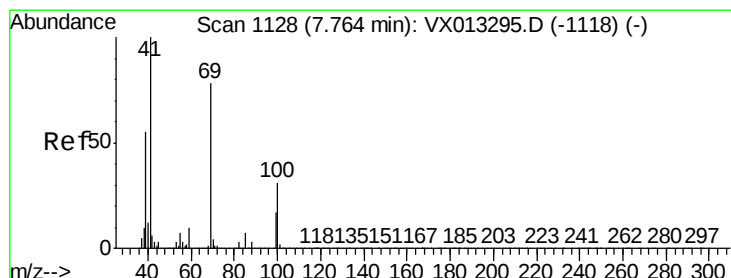
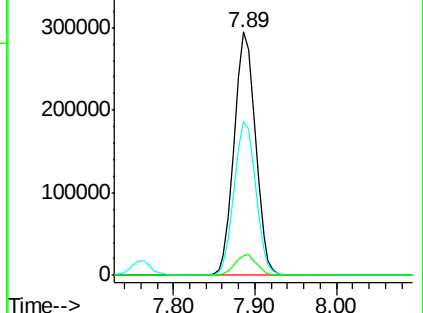
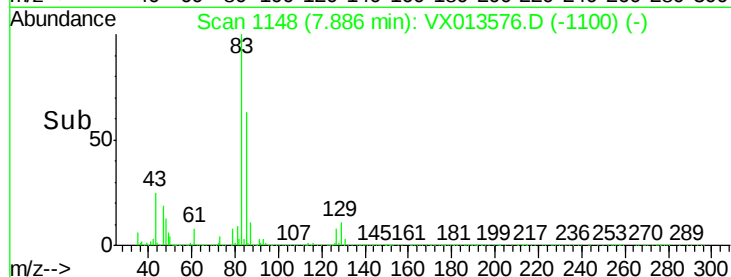
127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.233 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

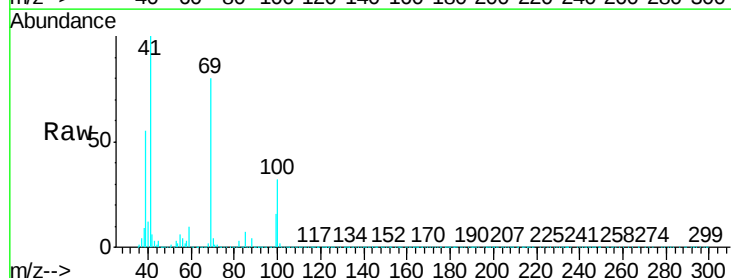
Tgt Ion: 41 Resp: 475362

Ion Ratio Lower Upper

41 100

69 80.4 63.0 94.6

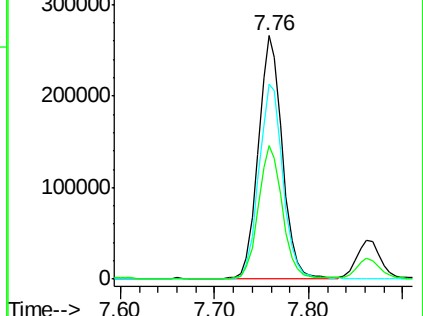
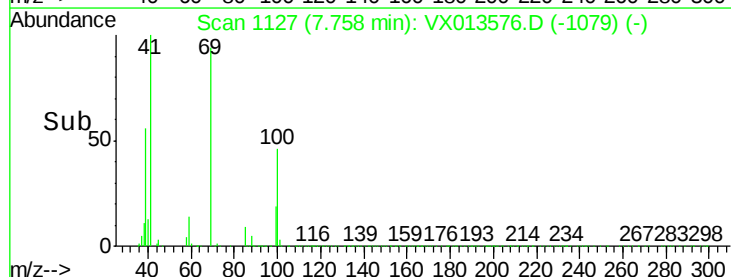
39 55.0 45.9 68.9

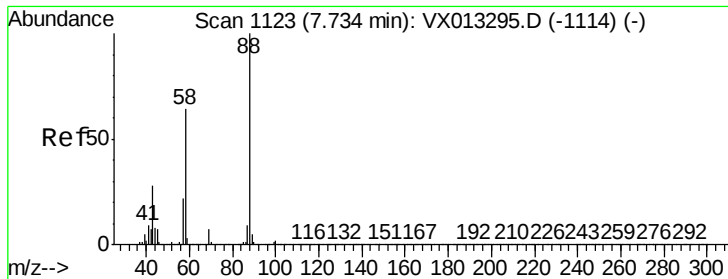


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 846.100 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

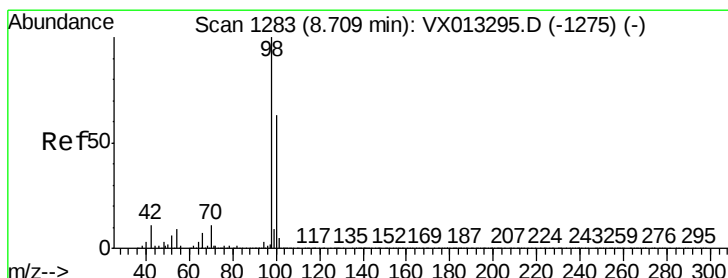
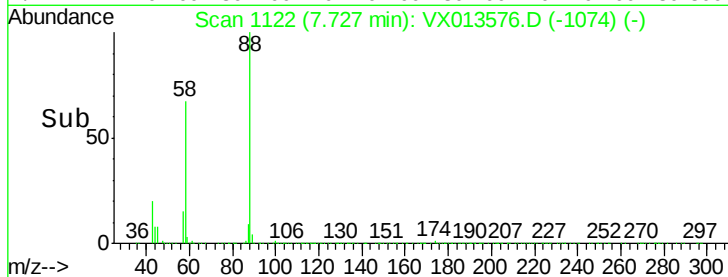
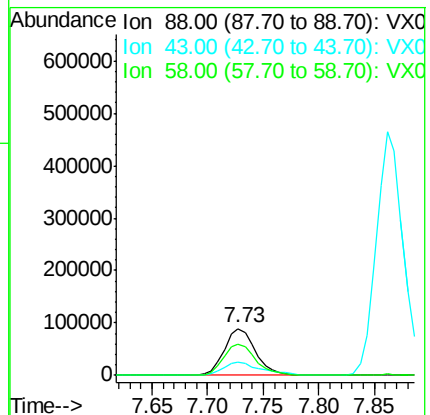
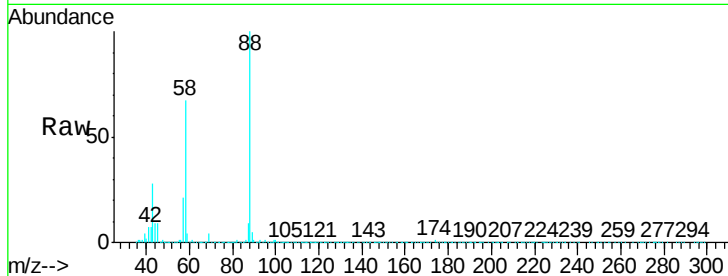
Tgt Ion: 88 Resp: 169841

Ion Ratio Lower Upper

88 100

43 33.6 26.6 39.8

58 71.0 55.0 82.6



#50

Toluene-d8

Concen: 53.739 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013576.D

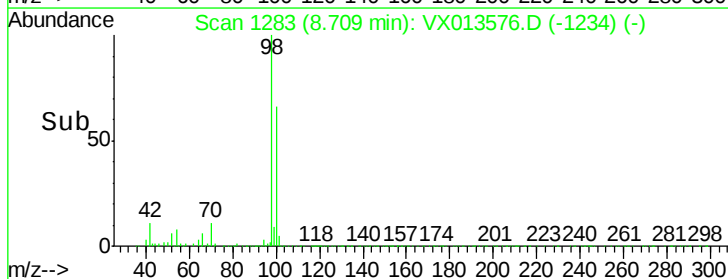
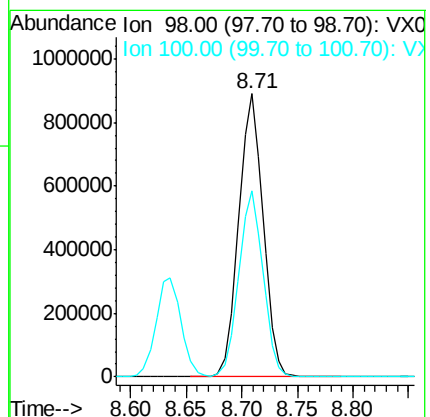
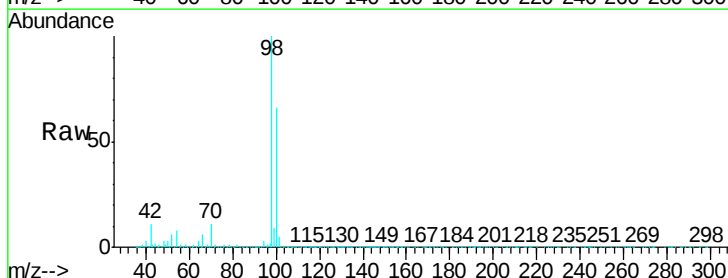
Acq: 25 Nov 2019 12:42

Tgt Ion: 98 Resp: 1351688

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2

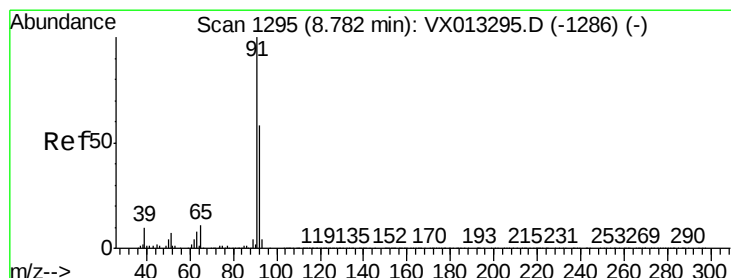
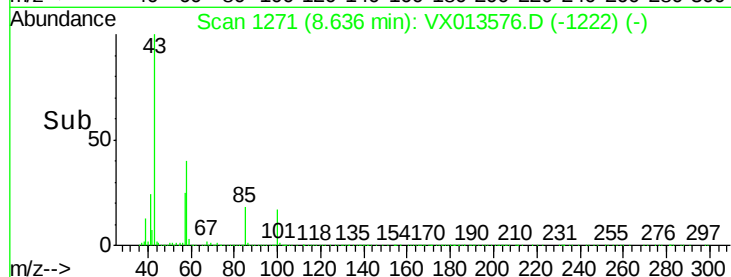
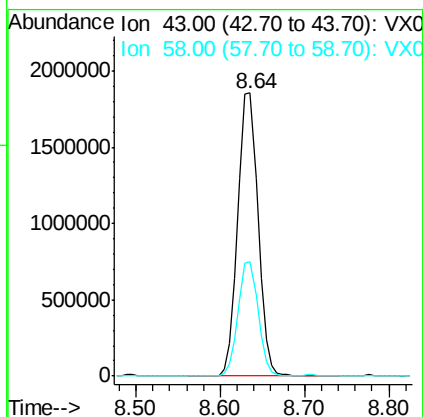
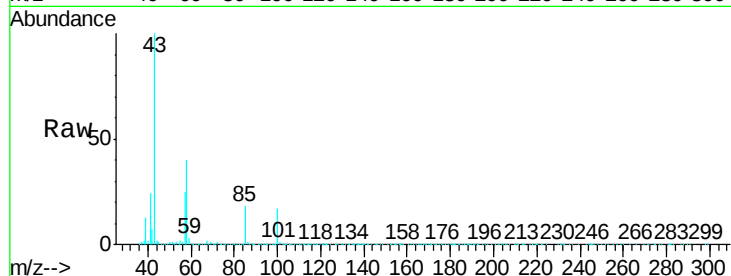




#51
4-Methyl-2-Pentanone
Concen: 260.988 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

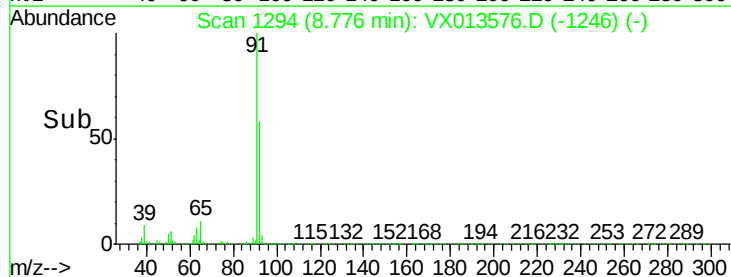
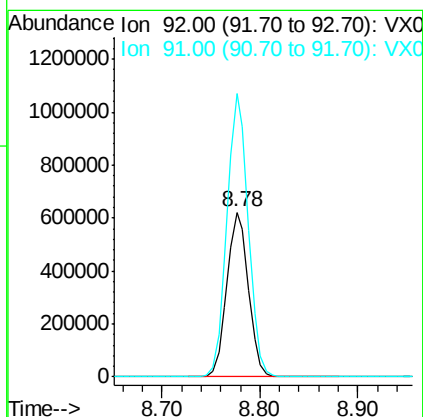
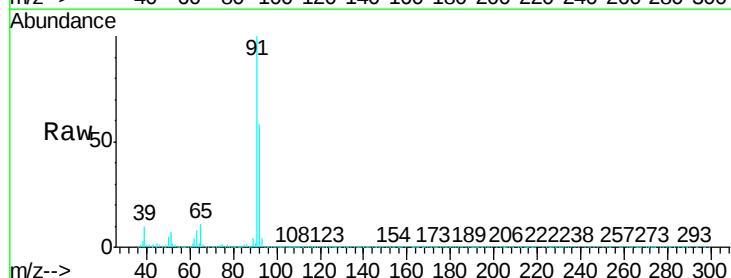
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

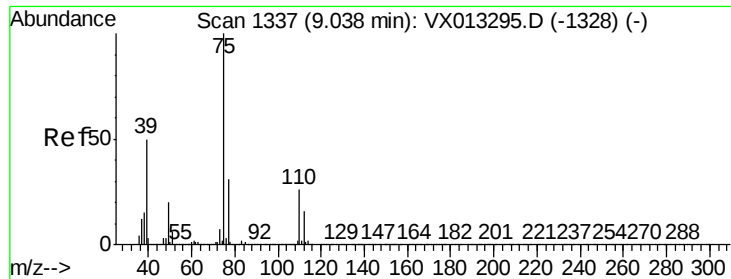
Tgt Ion: 43 Resp: 3006712
Ion Ratio Lower Upper
43 100
58 39.8 31.4 47.0



#52
Toluene
Concen: 53.917 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 92 Resp: 949934
Ion Ratio Lower Upper
92 100
91 169.9 138.0 207.0

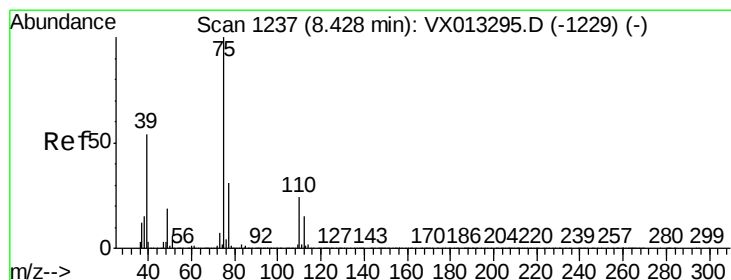
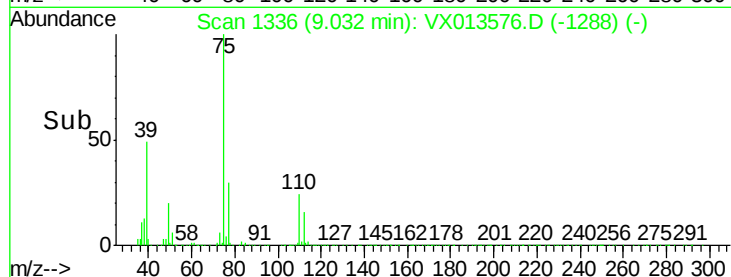
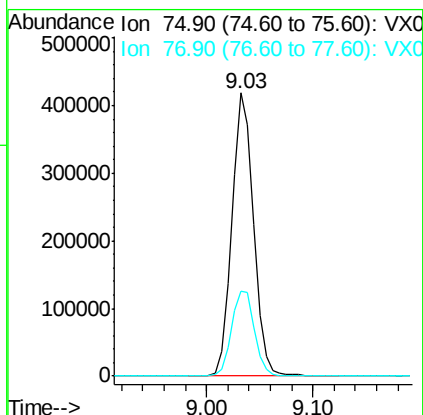
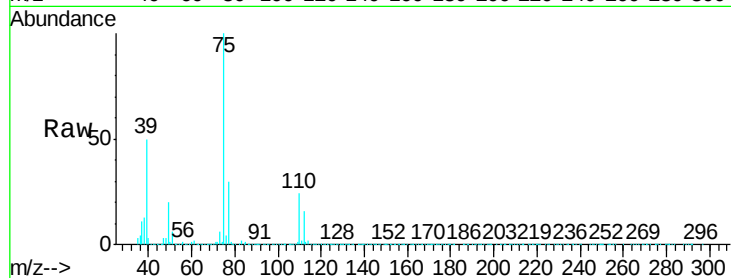




#53
t-1,3-Dichloropropene
Concen: 58.574 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

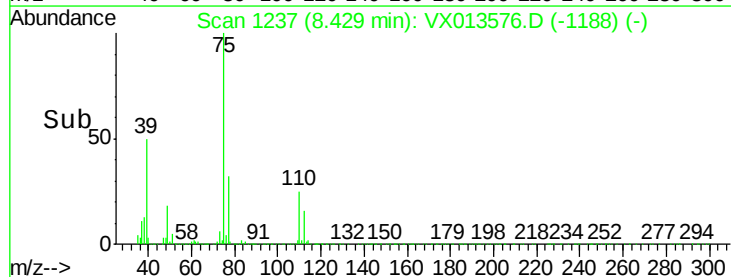
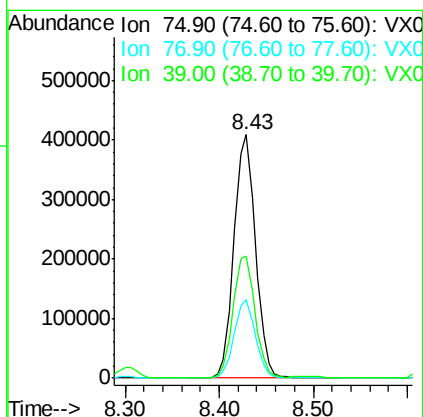
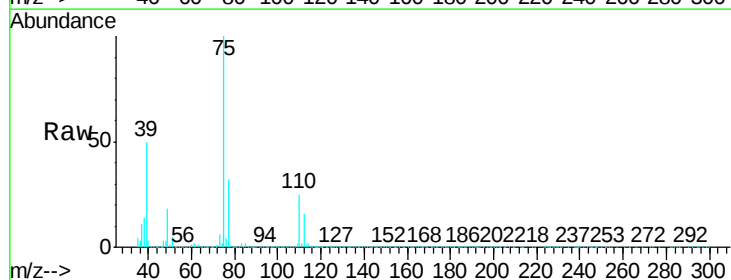
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

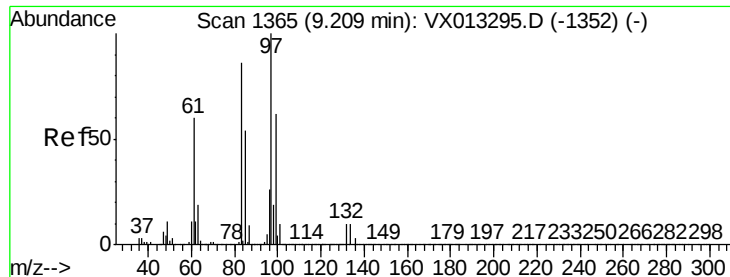
Tgt Ion: 75 Resp: 597289
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 56.974 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 75 Resp: 649887
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 50.1 43.0 64.6

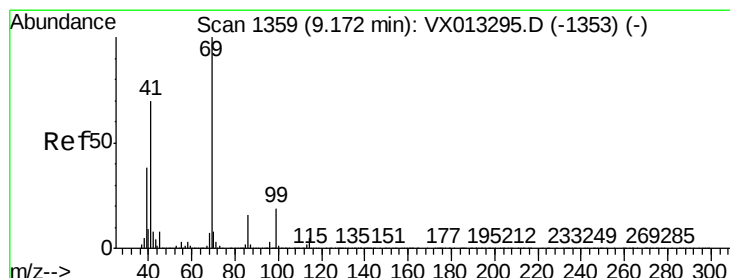
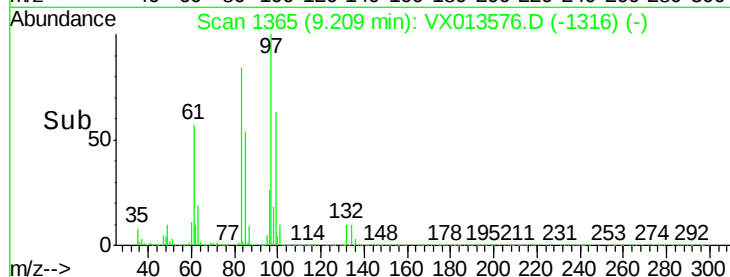
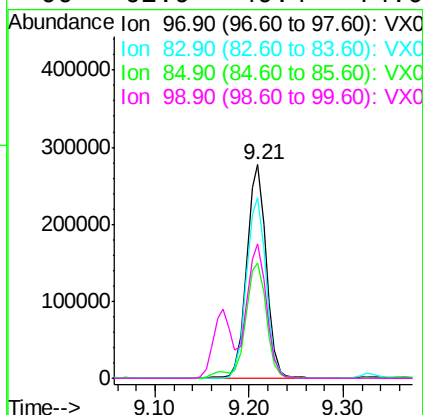
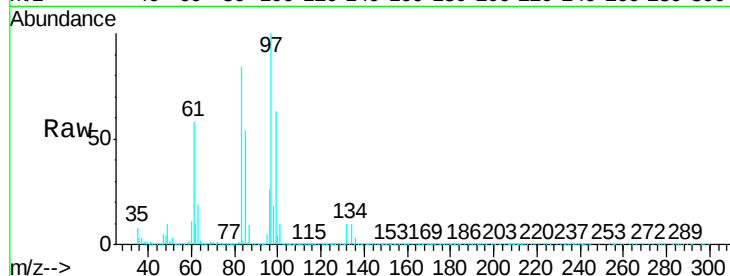




#55
 1,1,2-Trichloroethane
 Concen: 54.792 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

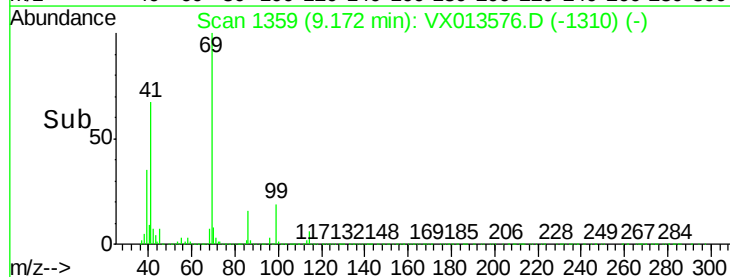
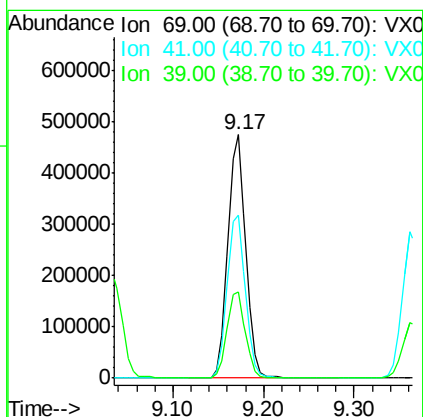
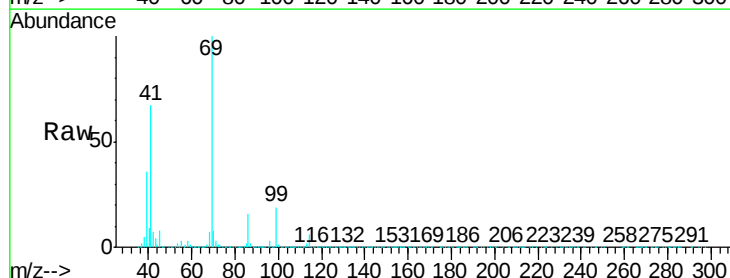
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

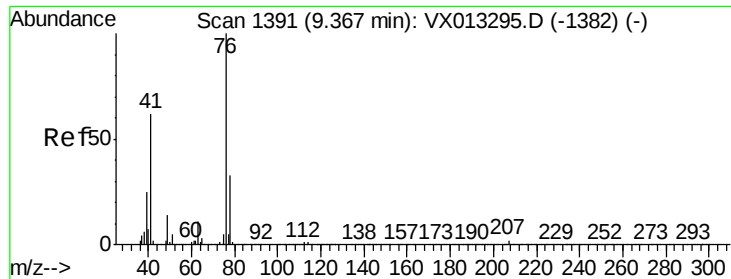
Tgt Ion:	97	Resp:	400133
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.6	103.0
85	54.1	43.1	64.7
99	62.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 51.851 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion:	69	Resp:	647182
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.2	84.2
39	36.2	31.1	46.7

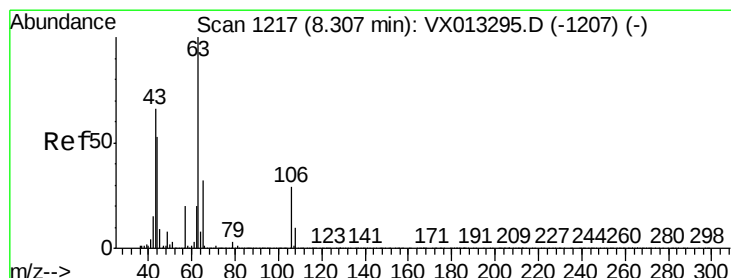
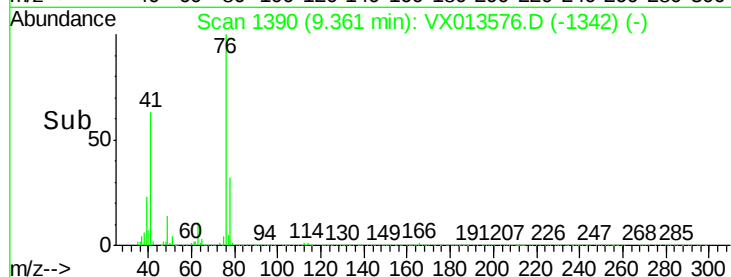
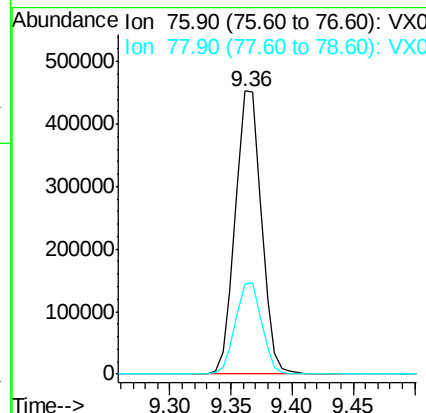
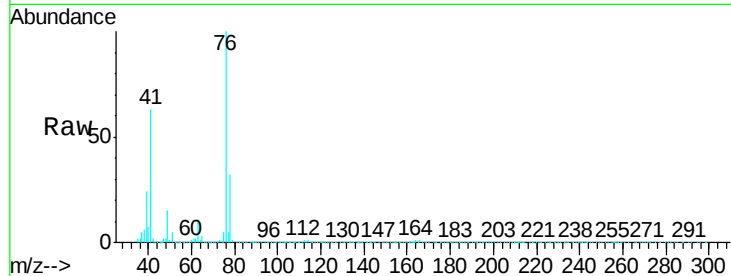




#57
 1,3-Dichloropropane
 Concen: 53.959 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

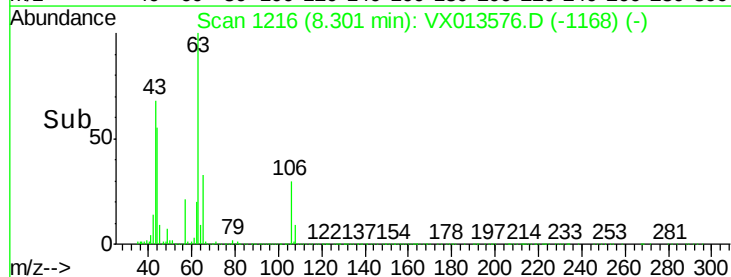
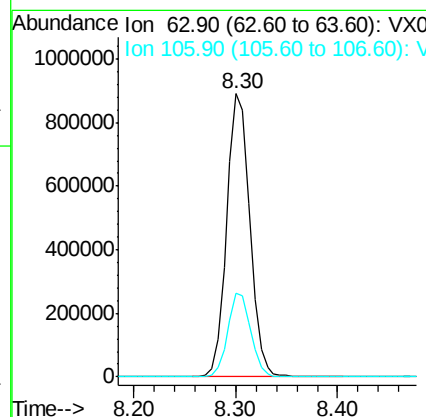
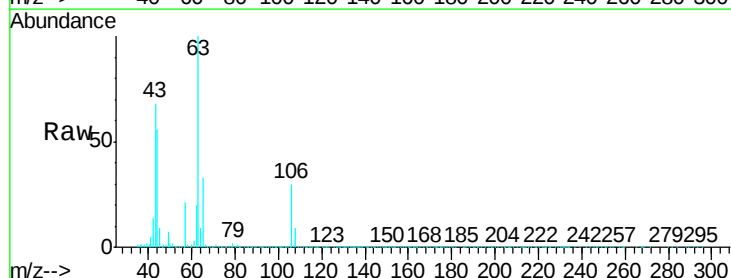
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 668907
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.729 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion: 63 Resp: 1401747
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.4 35.2

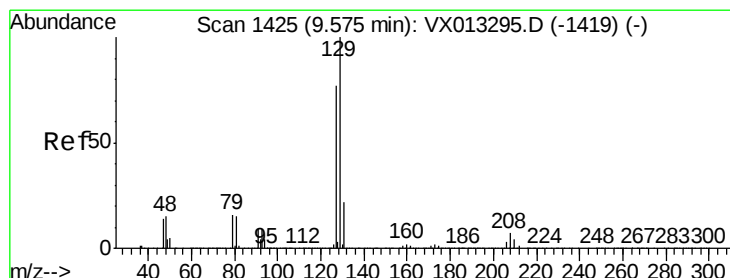
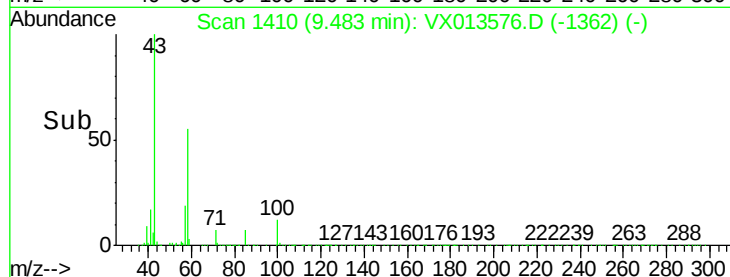
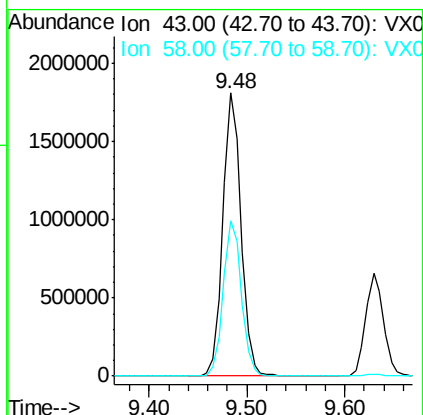
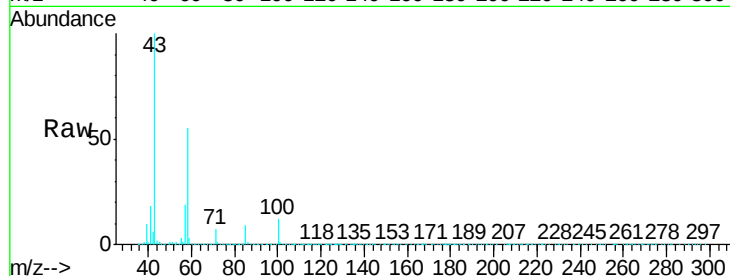




#59
2-Hexanone
Concen: 262.560 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

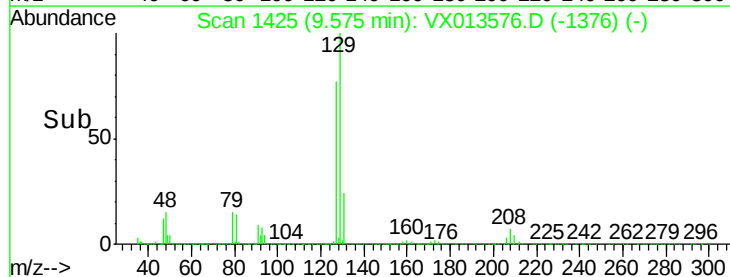
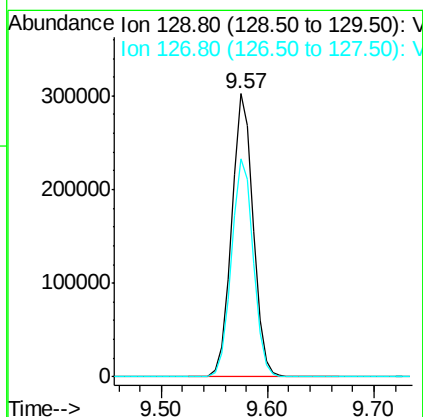
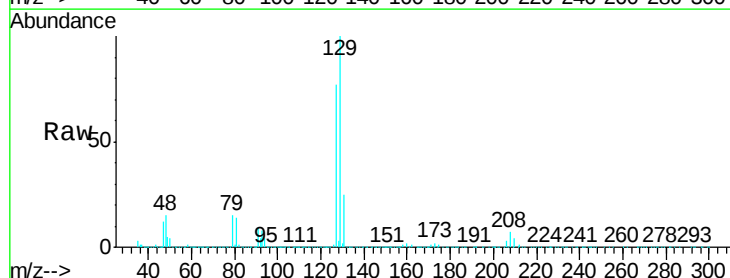
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

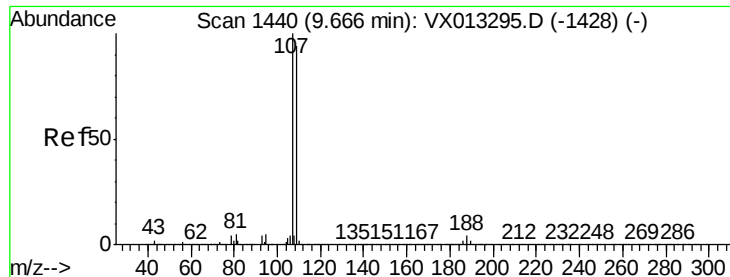
Tgt Ion: 43 Resp: 2337514
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 57.512 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 129 Resp: 429540
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

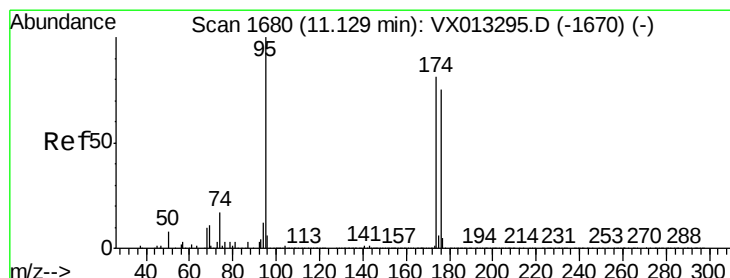
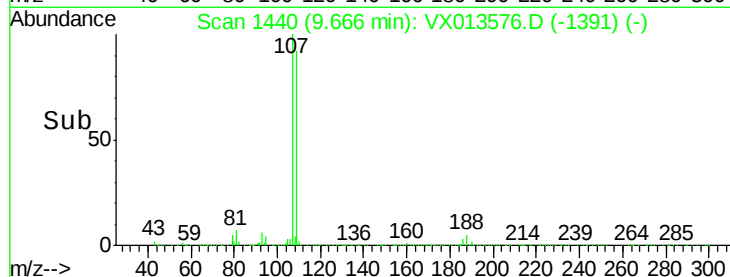
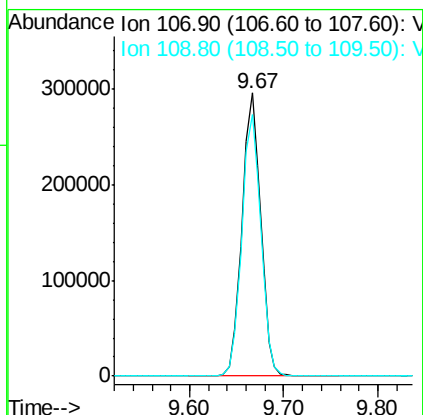
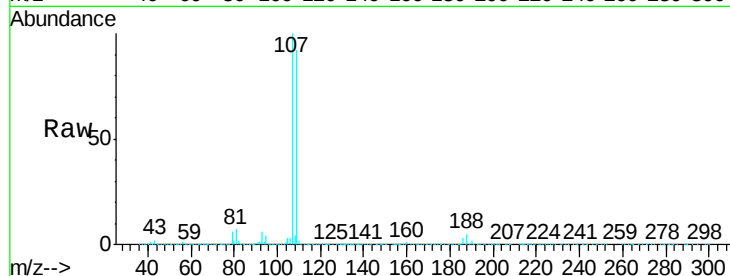




#61
 1,2-Dibromoethane
 Concen: 53.010 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

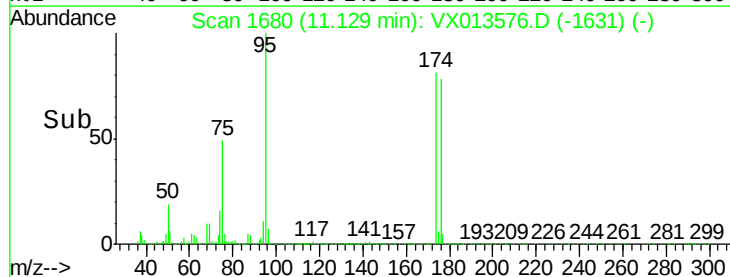
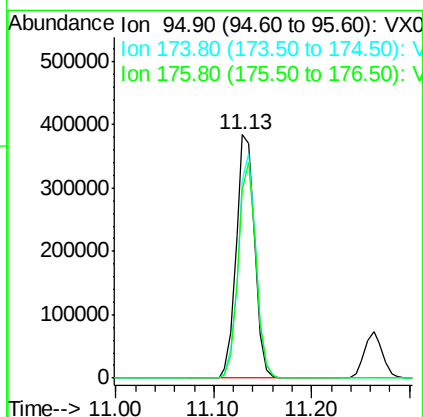
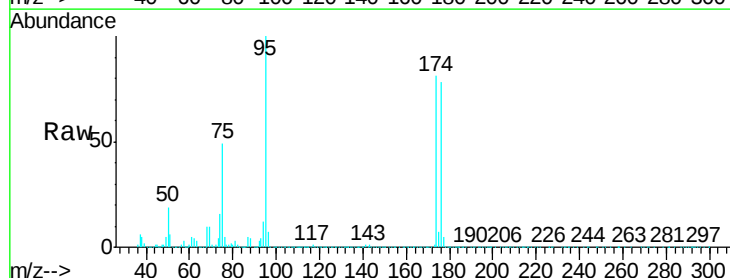
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

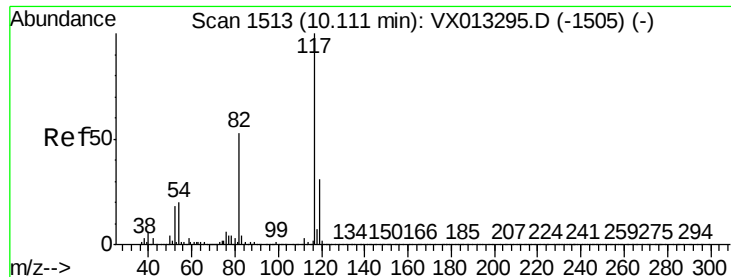
Tgt Ion: 107 Resp: 411071
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 54.888 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion: 95 Resp: 498267
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 179.8
 176 85.6 0.0 173.0

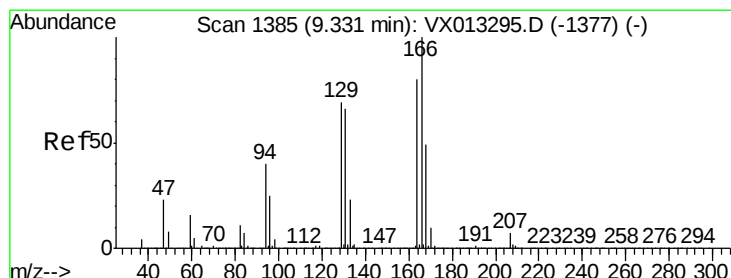
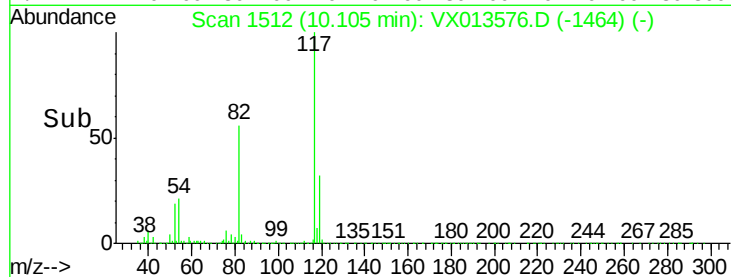
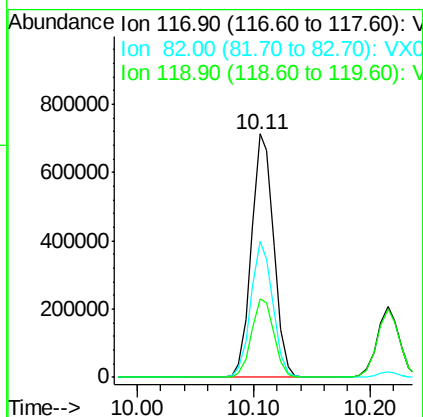
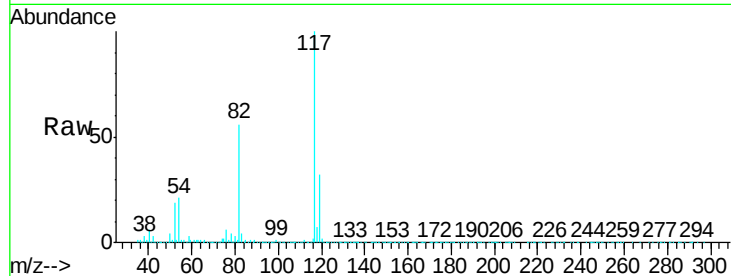




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

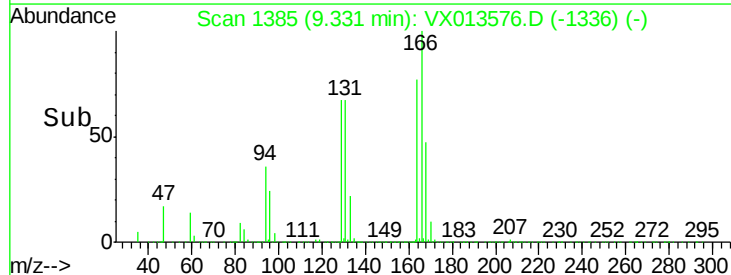
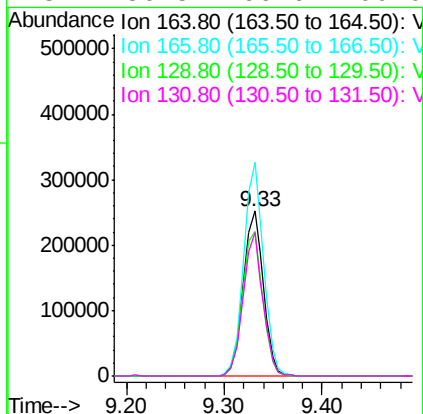
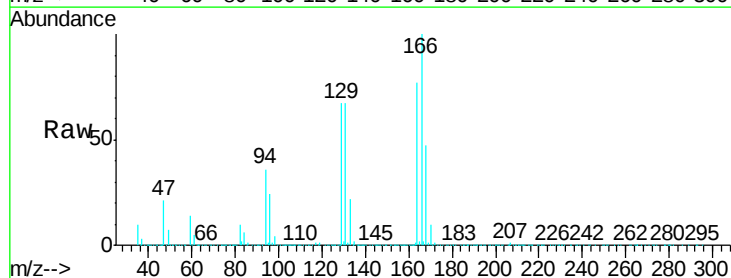
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

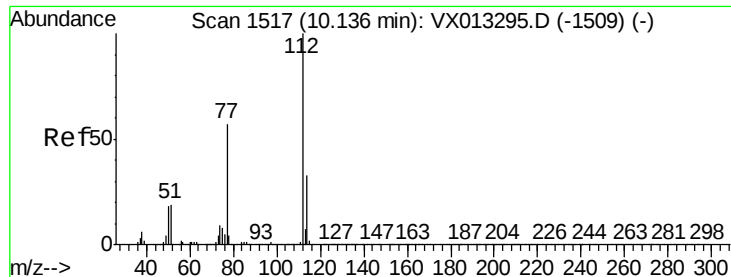
Tgt Ion:117 Resp: 954694
Ion Ratio Lower Upper
117 100
82 55.7 42.6 64.0
119 32.4 24.8 37.2



#64
Tetrachloroethene
Concen: 52.887 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion:164 Resp: 361449
Ion Ratio Lower Upper
164 100
166 129.5 100.4 150.6
129 87.3 69.4 104.2
131 86.5 66.6 100.0

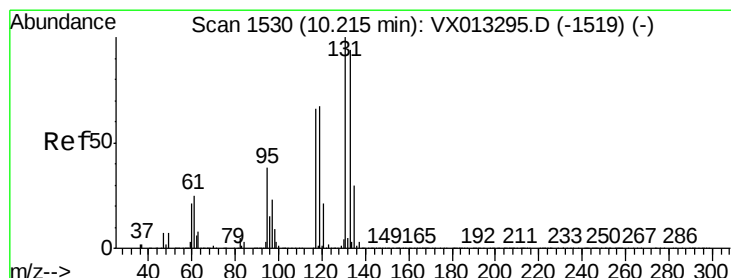
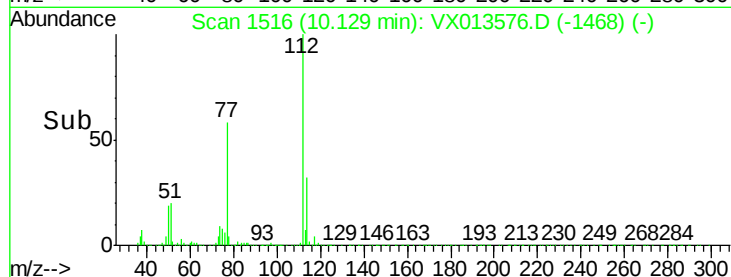
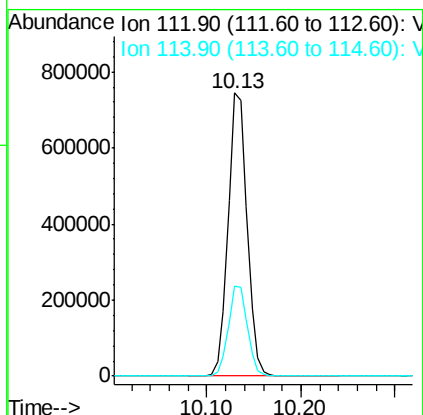
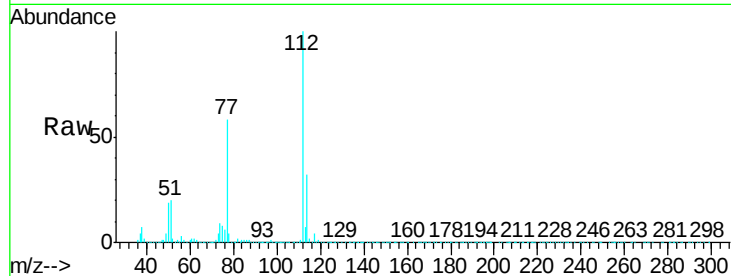




#65
Chlorobenzene
Concen: 53.731 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

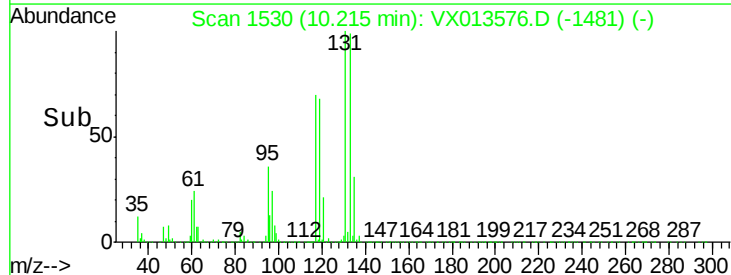
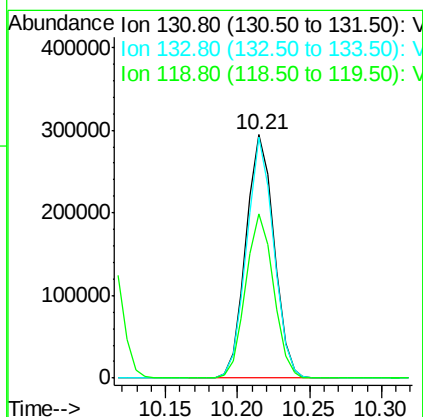
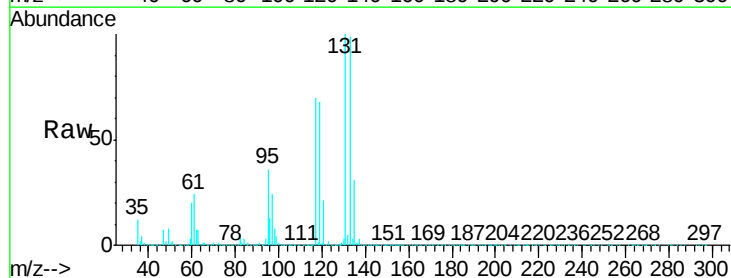
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

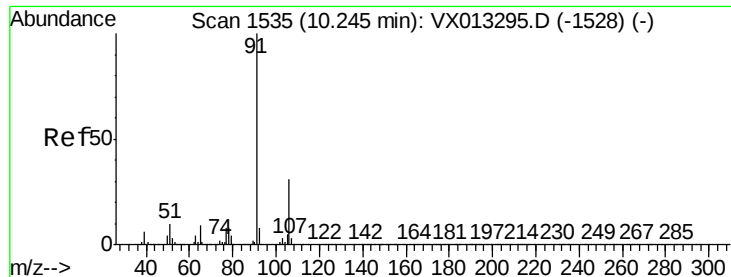
Tgt Ion:112 Resp: 1038524
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.884 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion:131 Resp: 396596
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 66.9 33.0 99.0





#67

Ethyl Benzene

Concen: 55.073 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

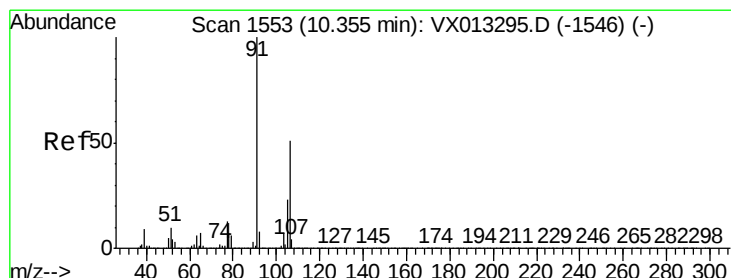
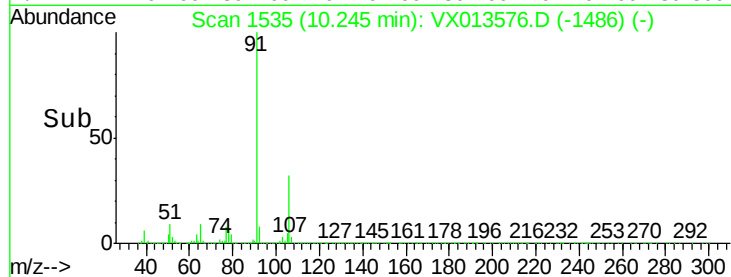
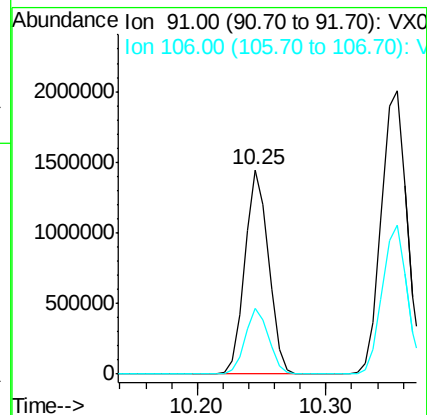
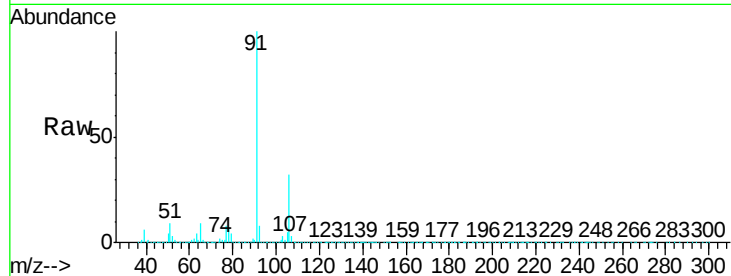
VSTDCCC050

Tgt Ion: 91 Resp: 1837145

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 111.553 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013576.D

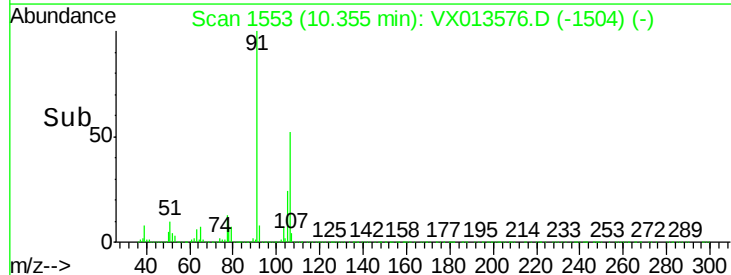
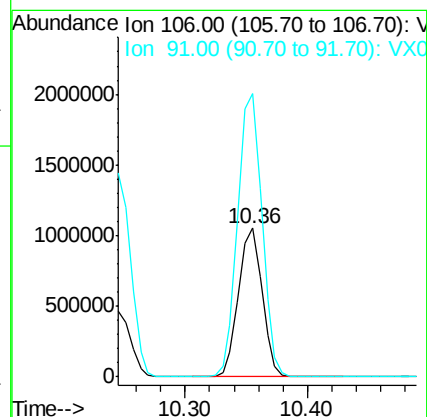
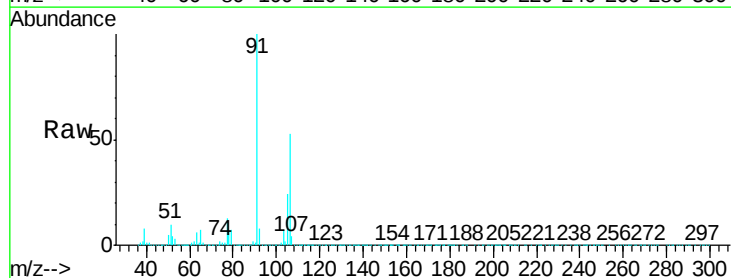
Acq: 25 Nov 2019 12:42

Tgt Ion: 106 Resp: 1407338

Ion Ratio Lower Upper

106 100

91 195.3 159.3 238.9

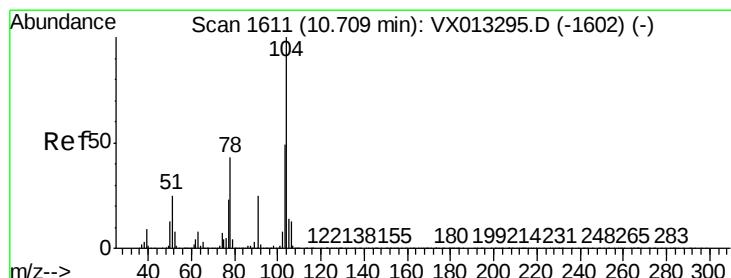
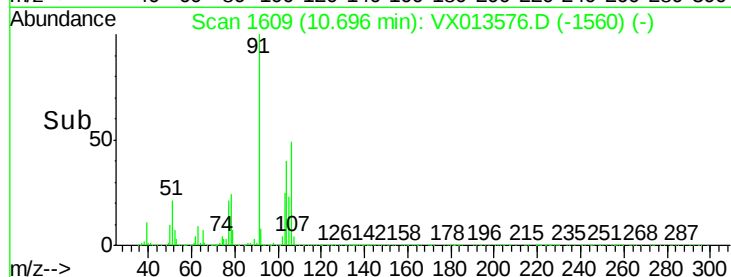
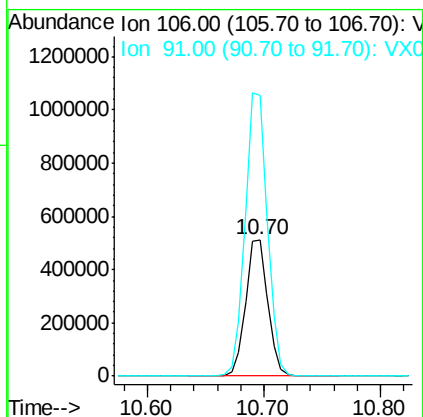
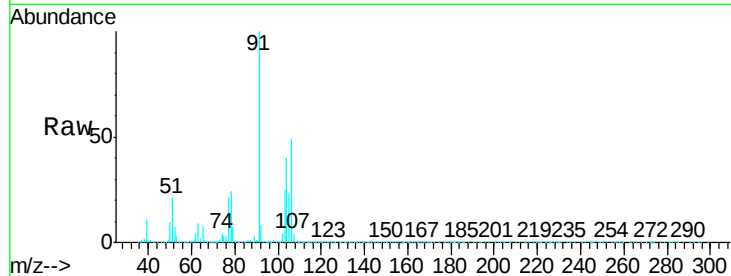




#69
o-Xylene
Concen: 55.121 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

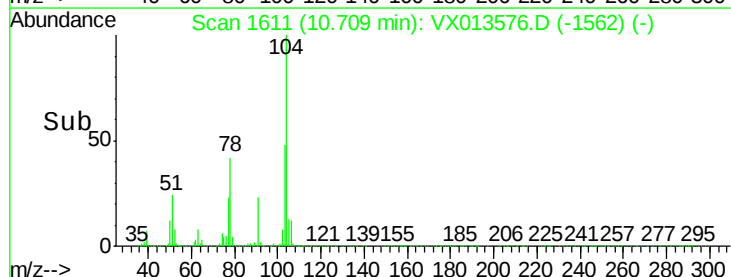
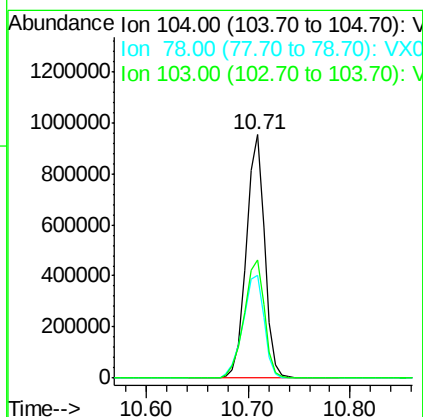
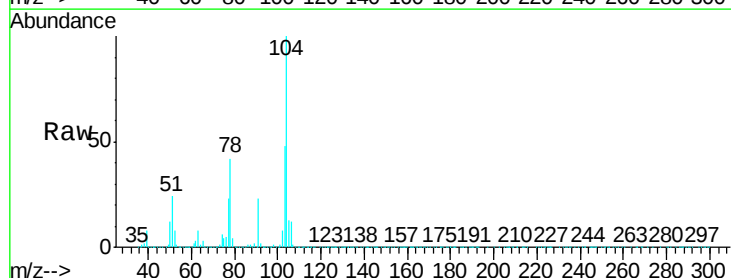
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 680823
Ion Ratio Lower Upper
106 100
91 209.3 105.7 317.0



#70
Styrene
Concen: 57.404 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion:104 Resp: 1185195
Ion Ratio Lower Upper
104 100
78 48.7 40.0 60.0
103 53.9 44.1 66.1

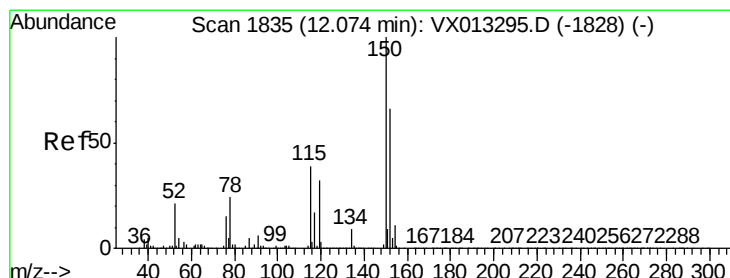
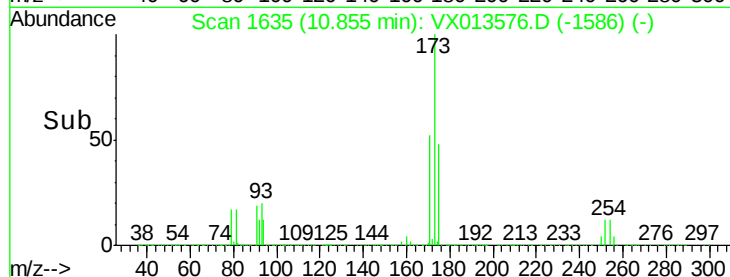
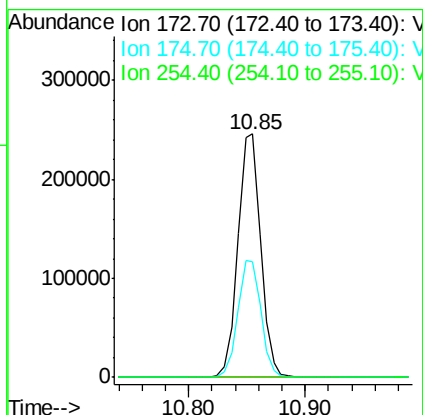
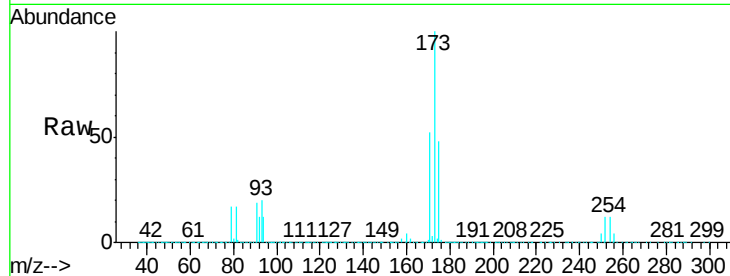




#71
Bromoform
Concen: 50.993 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

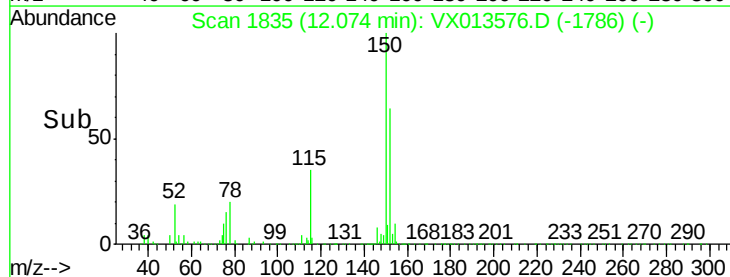
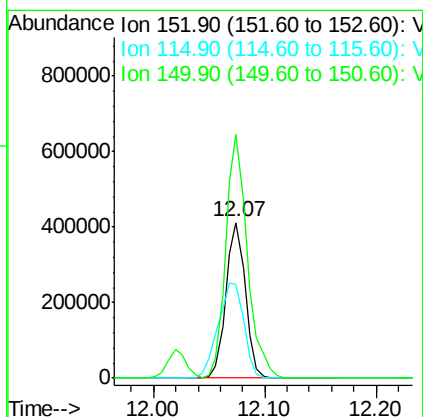
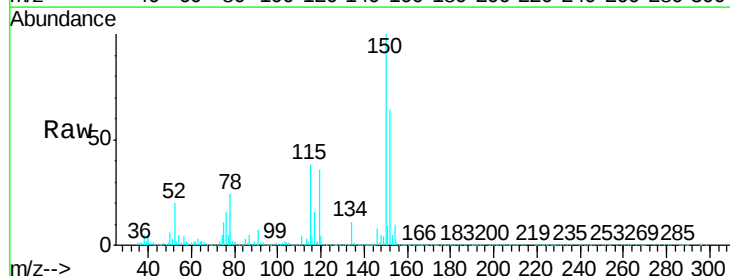
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

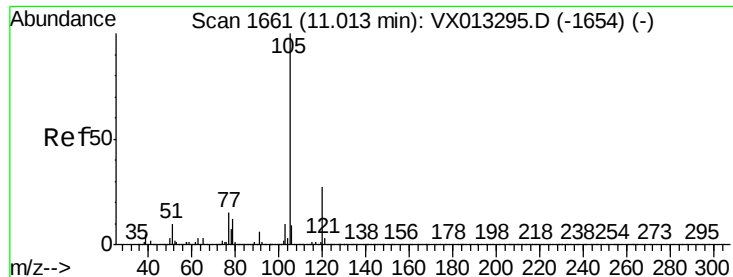
Tgt Ion:173 Resp: 335991
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion:152 Resp: 494645
Ion Ratio Lower Upper
152 100
115 80.8 39.5 118.3
150 173.6 0.0 344.4





#73

Isopropylbenzene

Concen: 56.015 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

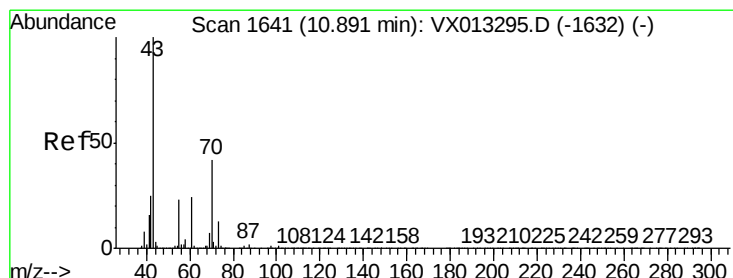
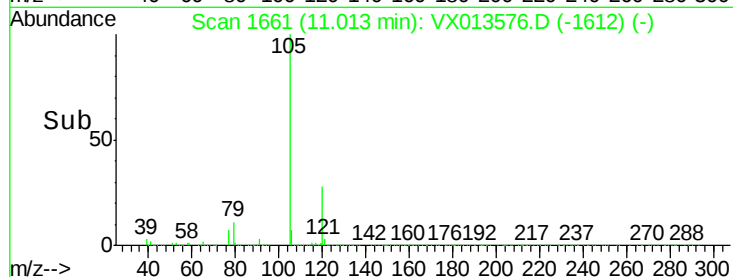
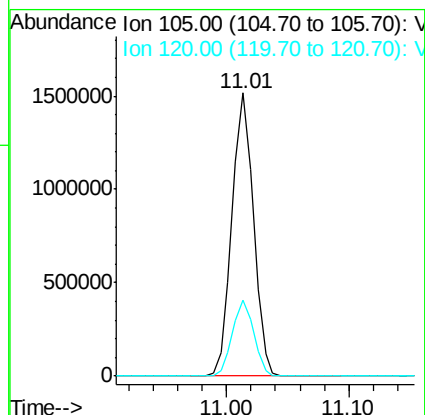
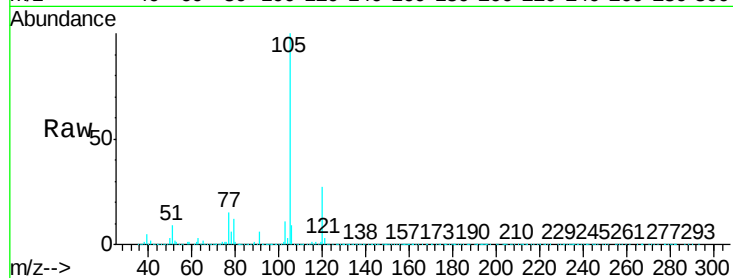
VSTDCCC050

Tgt Ion:105 Resp: 1837063

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 56.595 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion: 43 Resp: 860702

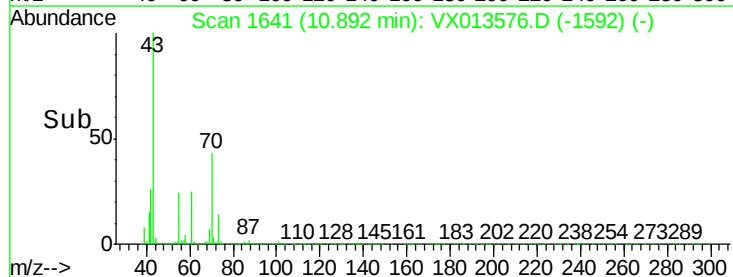
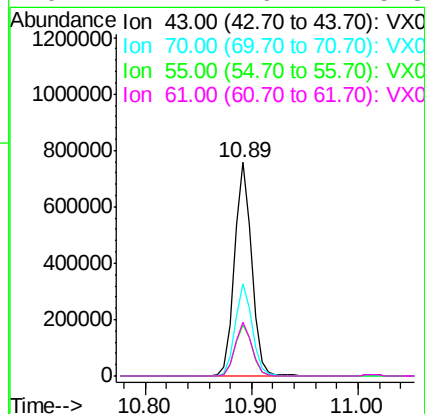
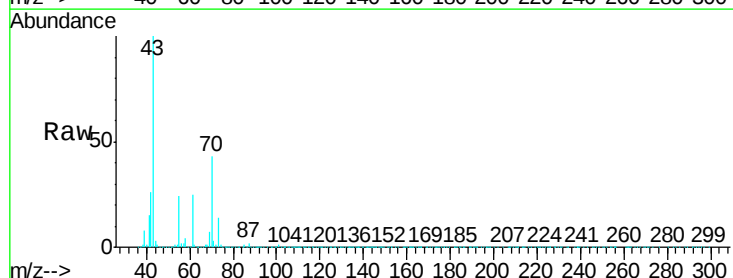
Ion Ratio Lower Upper

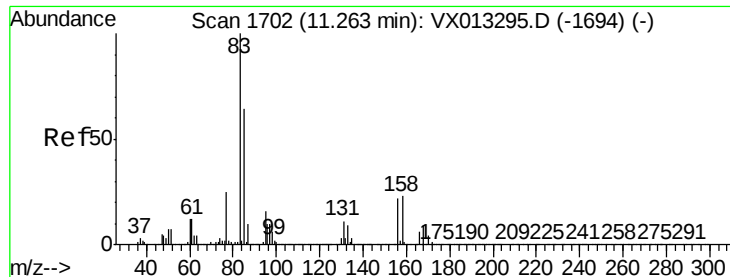
43 100

70 42.6 34.1 51.1

55 24.2 18.9 28.3

61 24.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.754 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

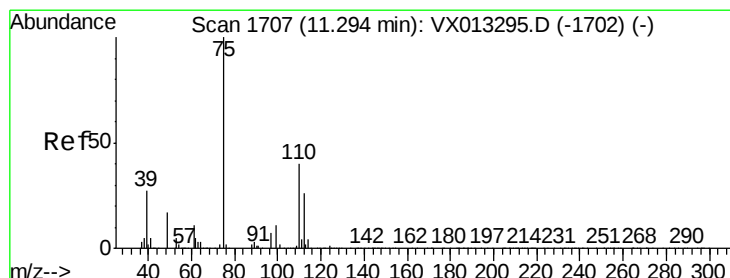
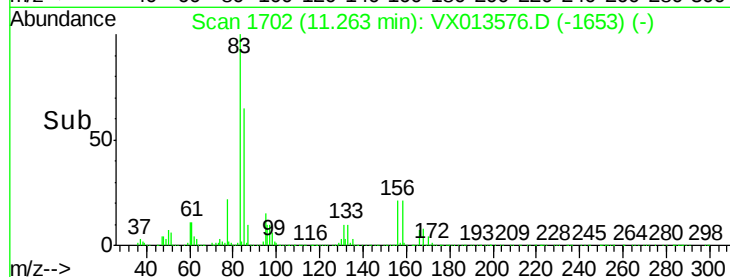
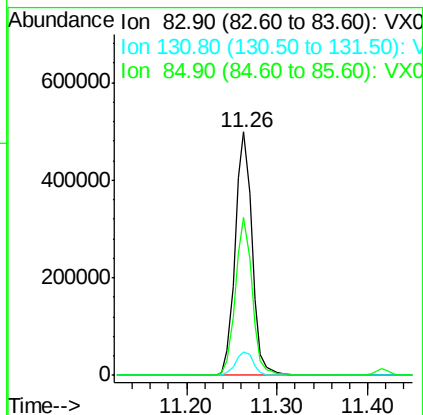
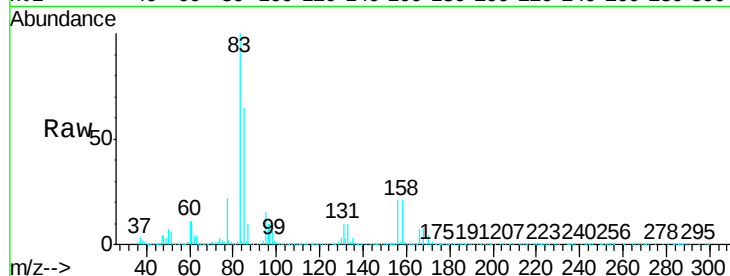
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	643139
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.2	32.3	96.8



#76

1,2,3-Trichloropropane

Concen: 72.937 ug/l

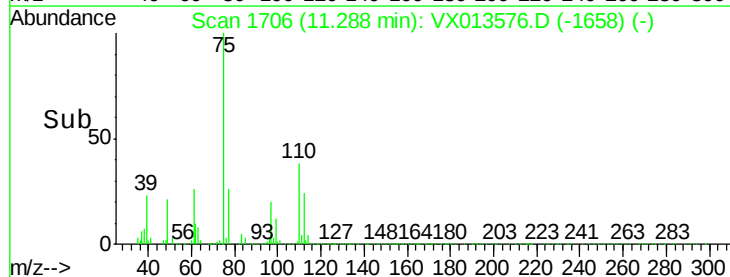
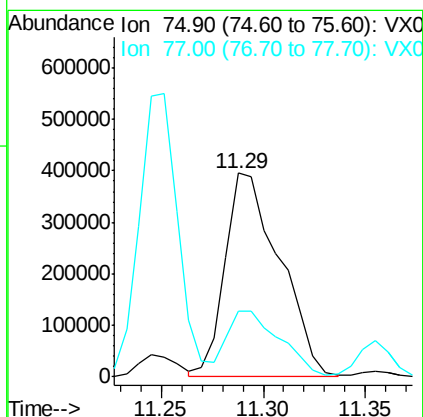
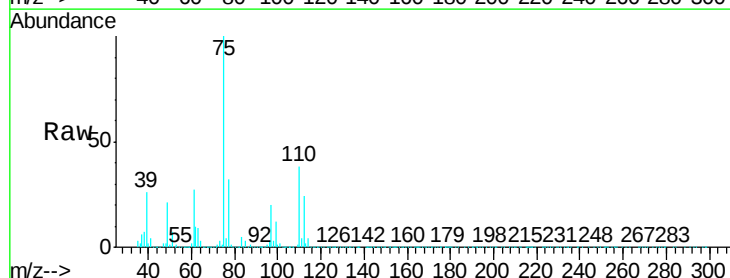
RT: 11.29 min Scan# 1706

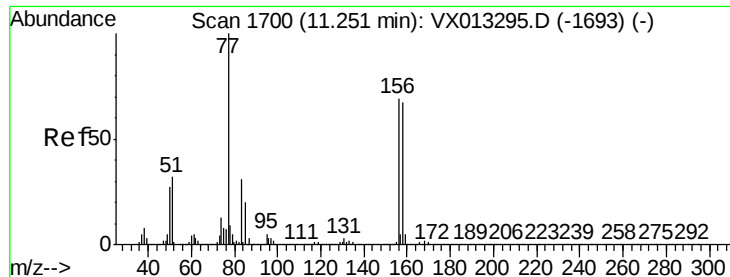
Delta R.T. -0.01 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Tgt Ion:	75	Resp:	732786
Ion	Ratio	Lower	Upper
75	100		
77	31.2	22.3	66.8





#77

Bromobenzene

Concen: 54.862 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

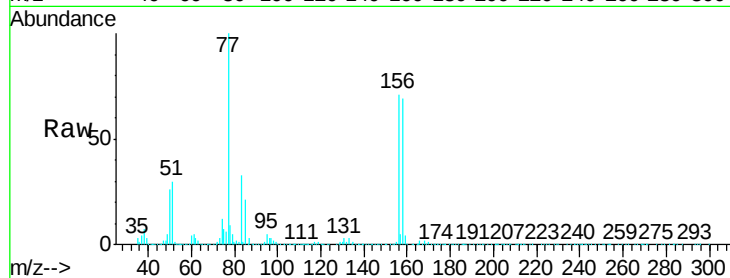
Tgt Ion:156 Resp: 479654

Ion Ratio Lower Upper

156 100

77 151.3 75.8 227.4

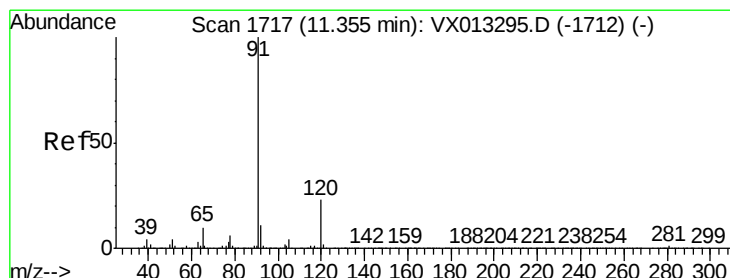
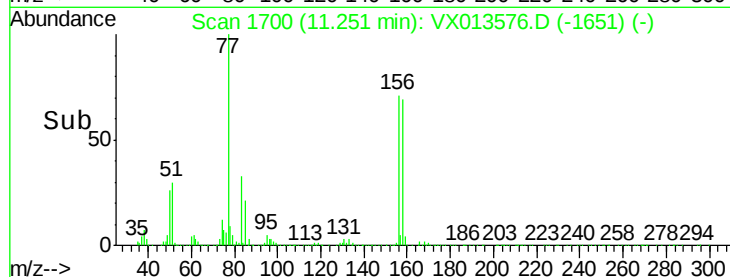
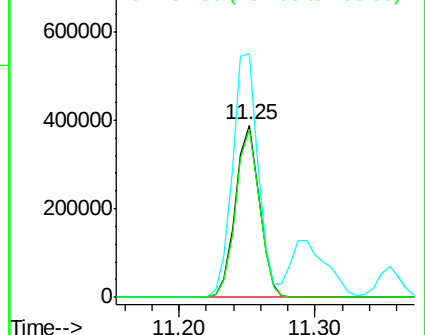
158 96.9 47.6 142.8



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: 57.593 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013576.D

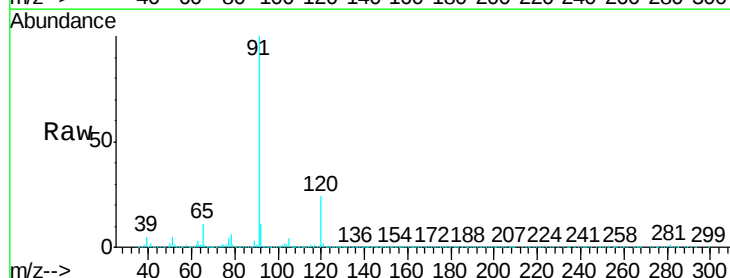
Acq: 25 Nov 2019 12:42

Tgt Ion: 91 Resp: 2104033

Ion Ratio Lower Upper

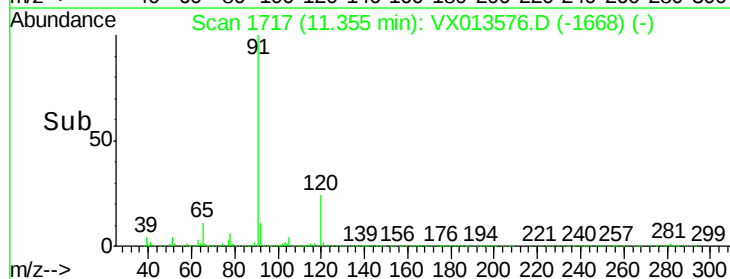
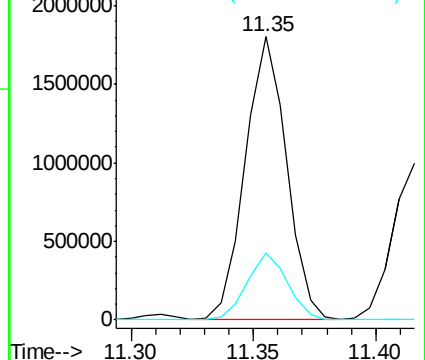
91 100

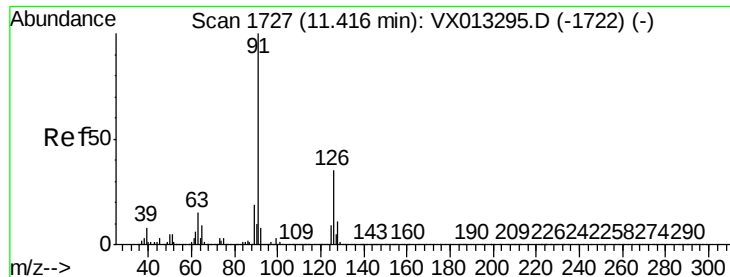
120 23.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.538 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

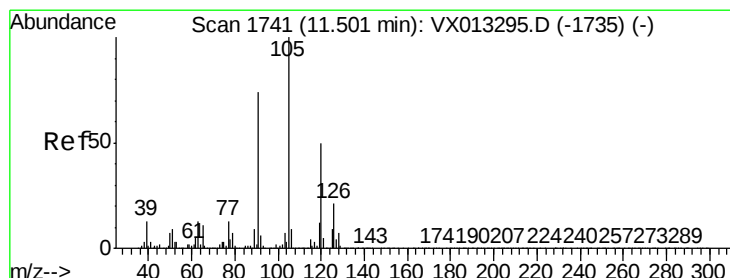
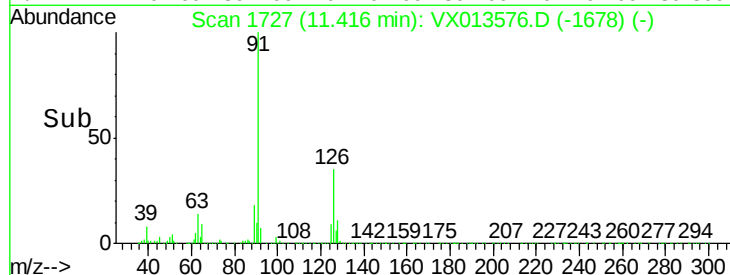
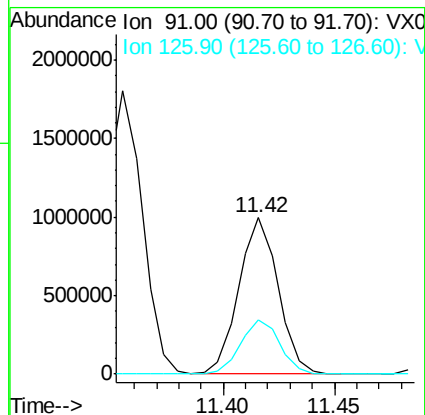
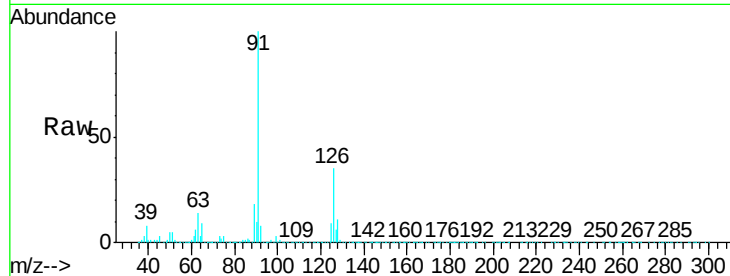
VSTDCCC050

Tgt Ion: 91 Resp: 1222439

Ion Ratio Lower Upper

91 100

126 35.1 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 56.035 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013576.D

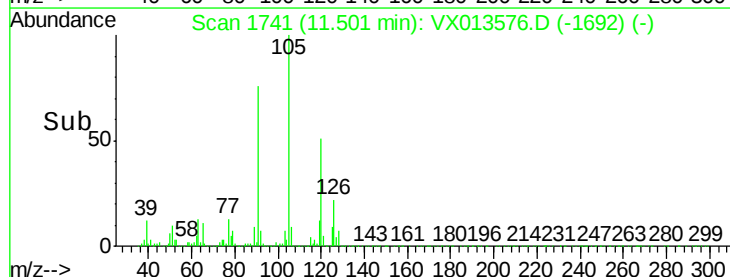
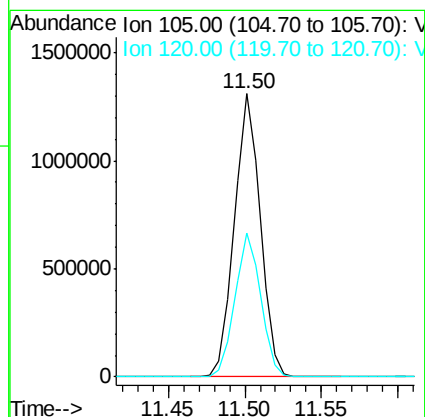
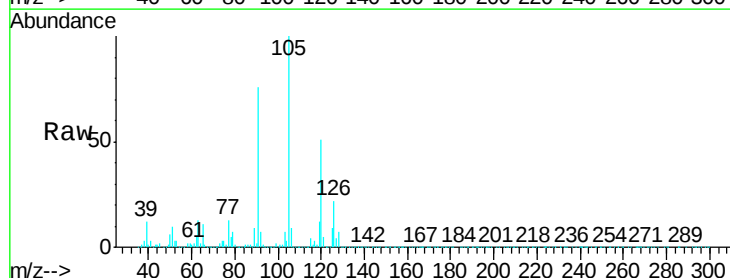
Acq: 25 Nov 2019 12:42

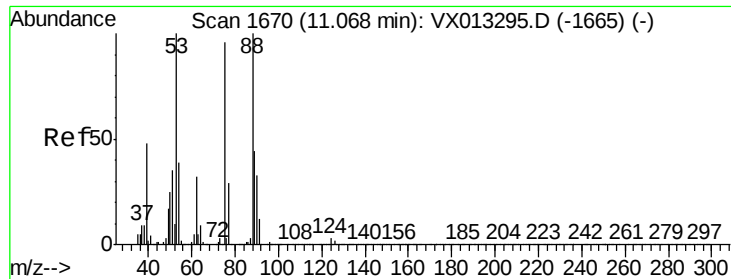
Tgt Ion: 105 Resp: 1530719

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.8

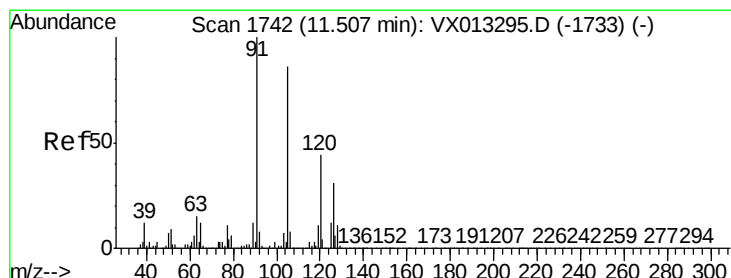
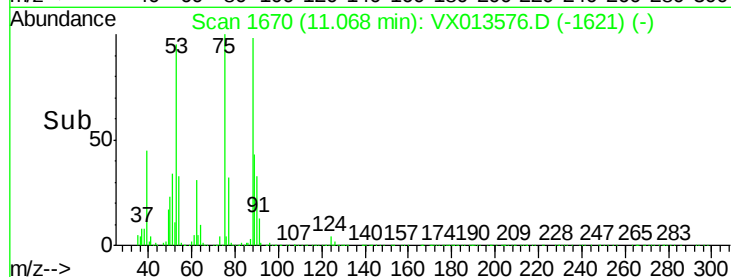
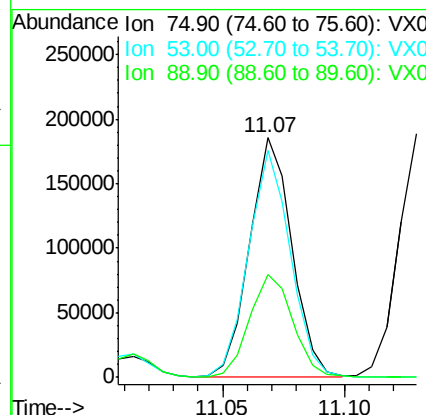
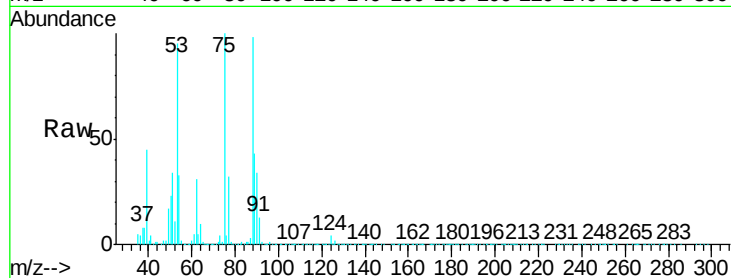




#81
trans-1,4-Dichloro-2-butene
Concen: 57.087 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

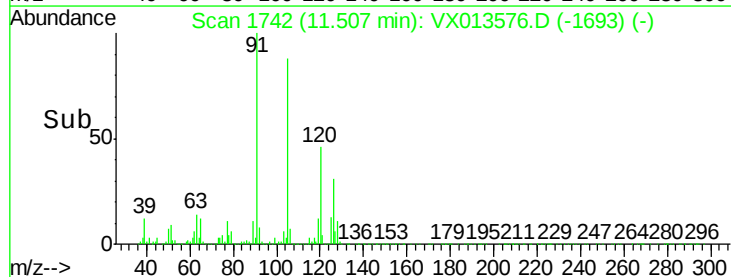
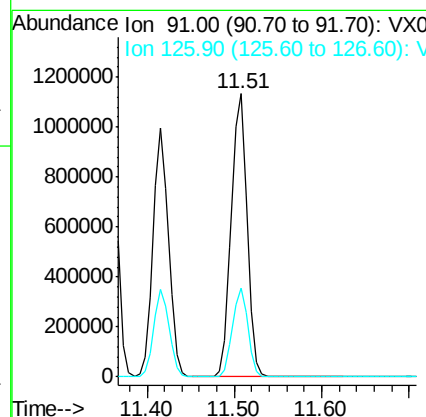
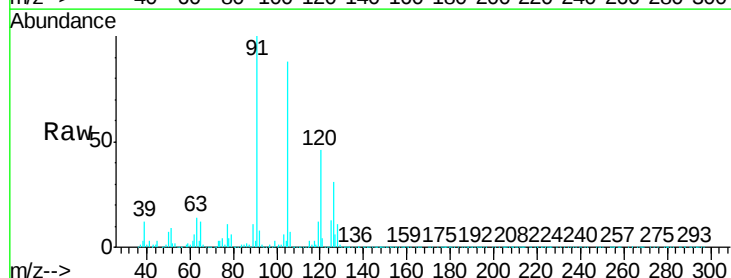
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 222826
Ion Ratio Lower Upper
75 100
53 93.4 81.0 121.6
89 44.5 36.0 54.0



#82
4-Chlorotoluene
Concen: 55.324 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion: 91 Resp: 1425445
Ion Ratio Lower Upper
91 100
126 30.5 15.3 45.8





#83

tert-Butylbenzene

Concen: 57.355 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

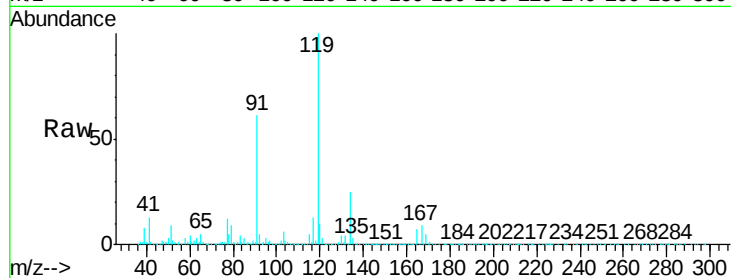
Tgt Ion:119 Resp: 1577188

Ion Ratio Lower Upper

119 100

91 54.5 26.9 80.7

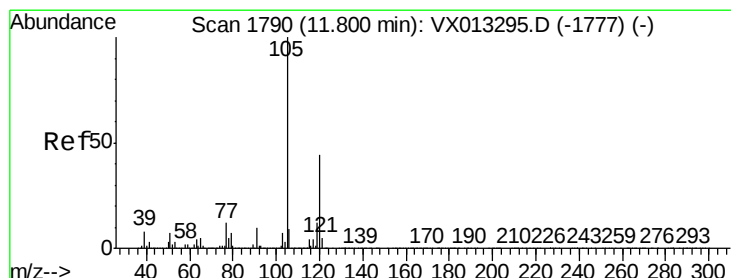
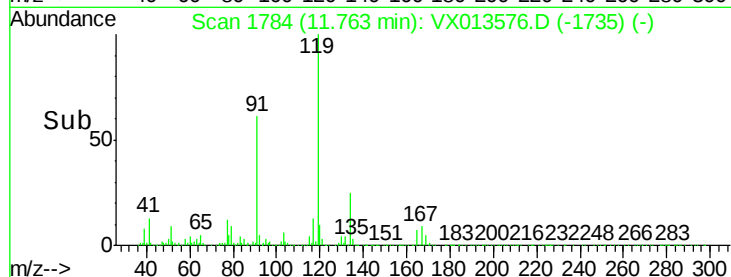
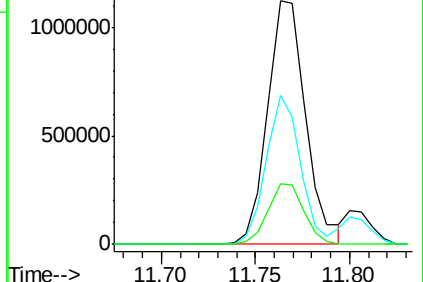
134 23.6 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.292 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013576.D

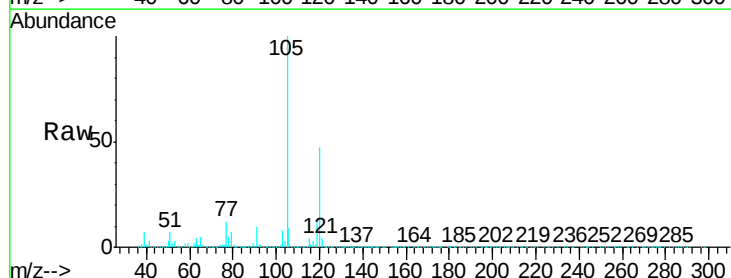
Acq: 25 Nov 2019 12:42

Tgt Ion:105 Resp: 1542572

Ion Ratio Lower Upper

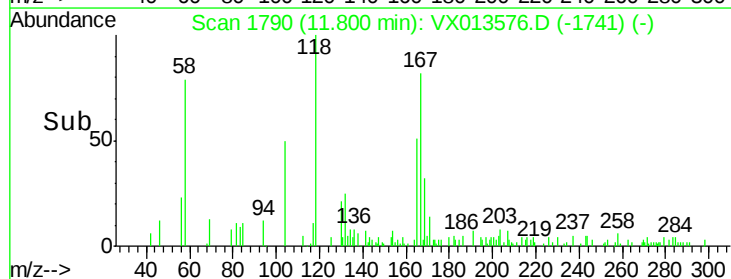
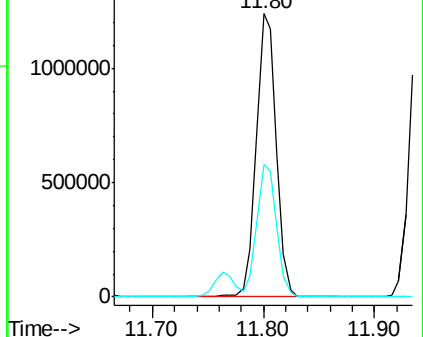
105 100

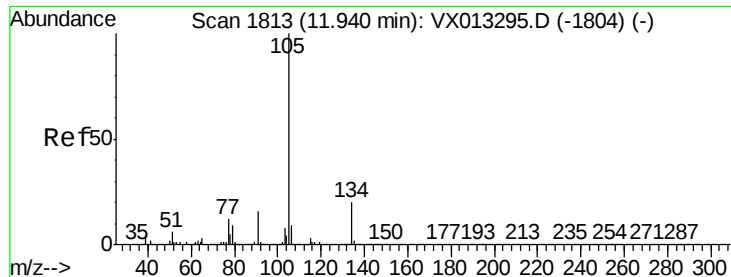
120 46.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 58.283 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

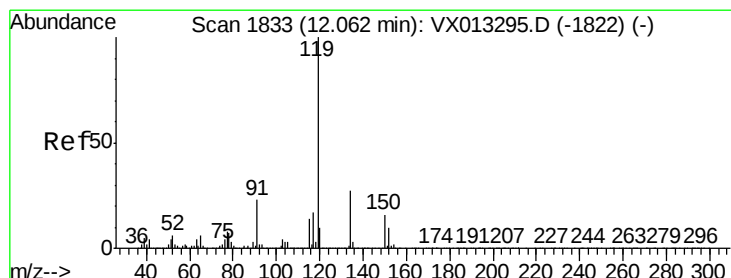
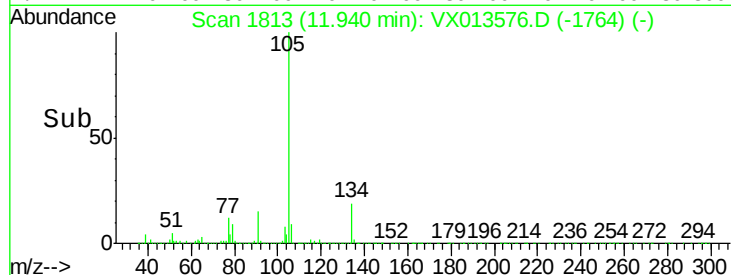
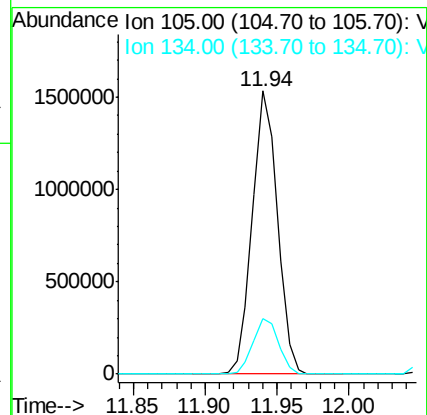
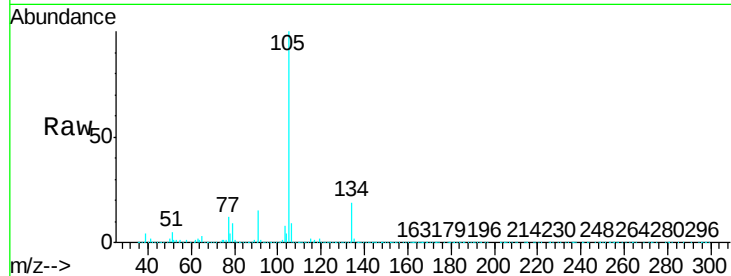
VSTDCCC050

Tgt Ion:105 Resp: 1841984

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.9



#86

p-Isopropyltoluene

Concen: 57.855 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

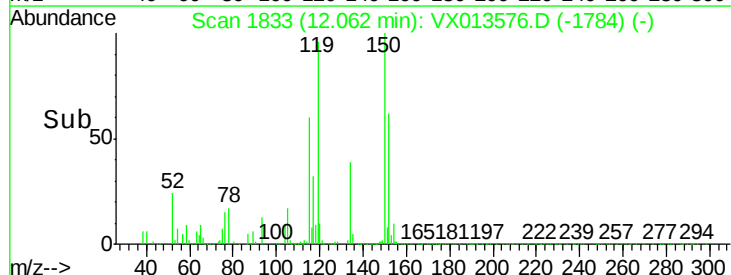
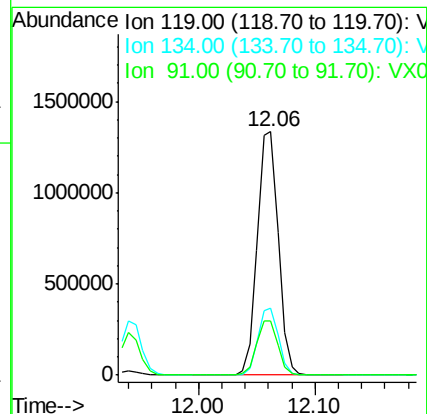
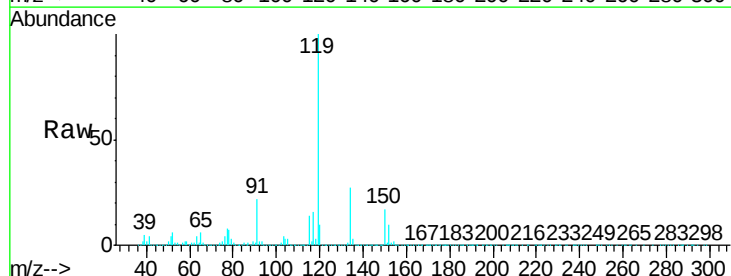
Tgt Ion:119 Resp: 1683669

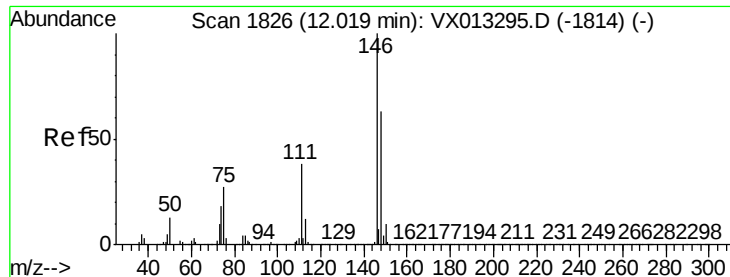
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 22.5 11.5 34.4

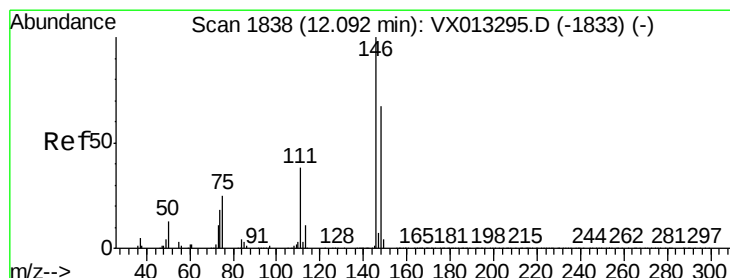
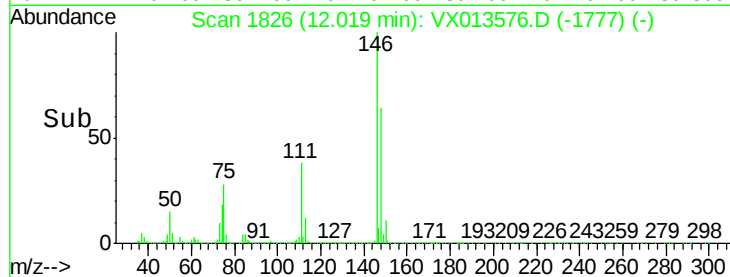
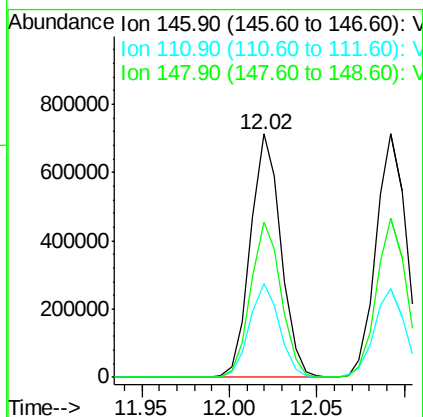
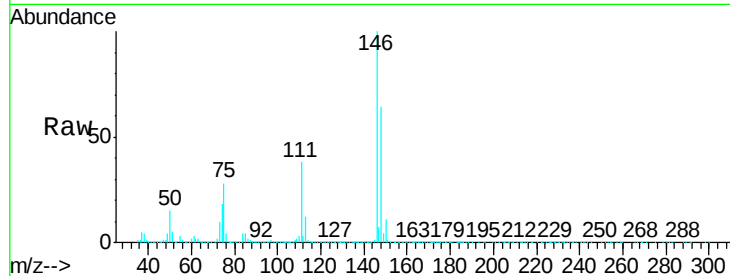




#87
 1,3-Dichlorobenzene
 Concen: 55.280 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

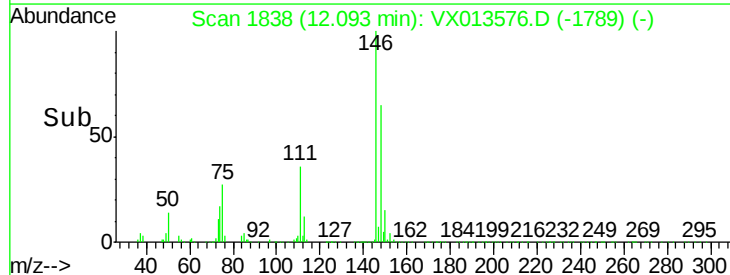
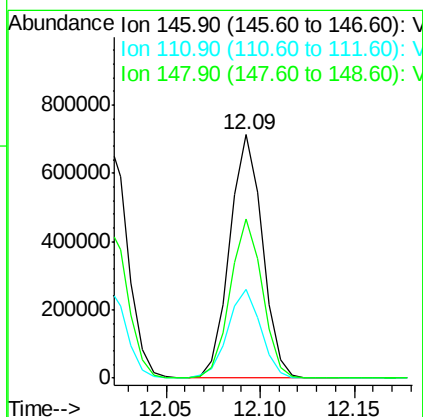
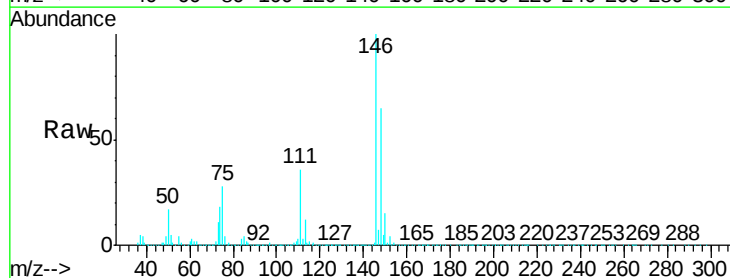
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

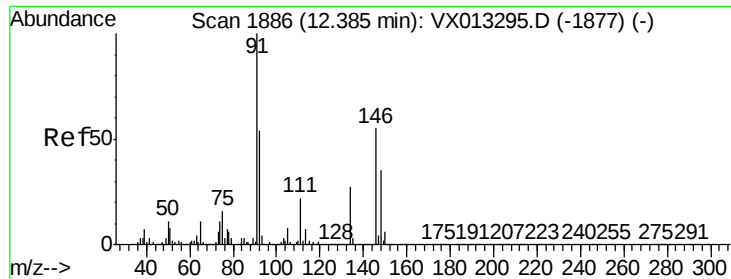
Tgt Ion:	146	Resp:	861503
Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.5
148	63.6	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 53.947 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion:	146	Resp:	856576
Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.4
148	64.2	32.4	97.0





#89

n-Butylbenzene

Concen: 59.591 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013576.D

Acq: 25 Nov 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

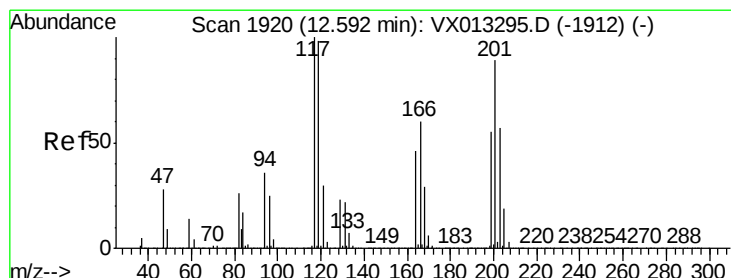
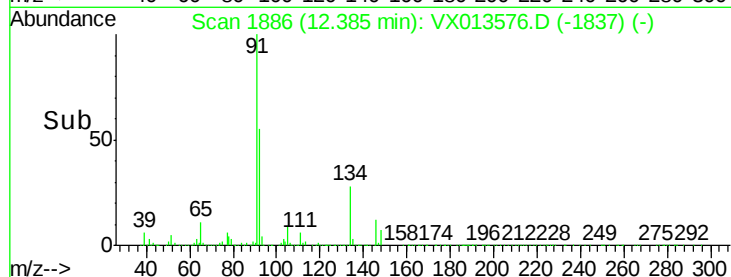
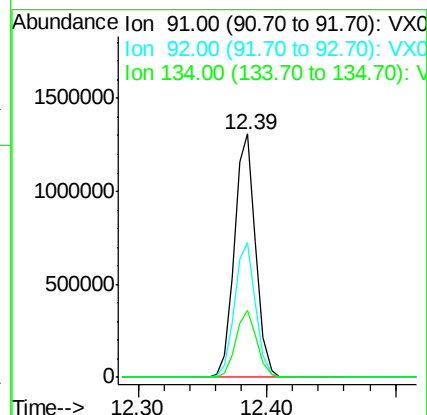
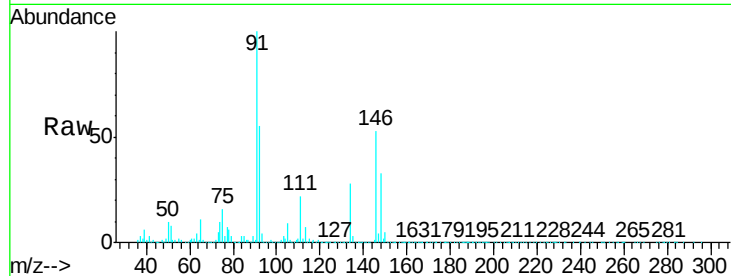
Tgt Ion: 91 Resp: 1513207

Ion Ratio Lower Upper

91 100

92 54.9 27.3 81.8

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 59.086 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013576.D

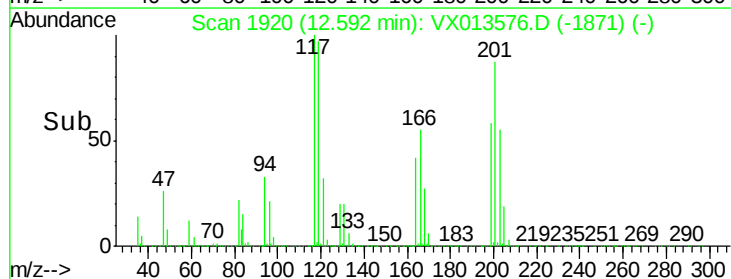
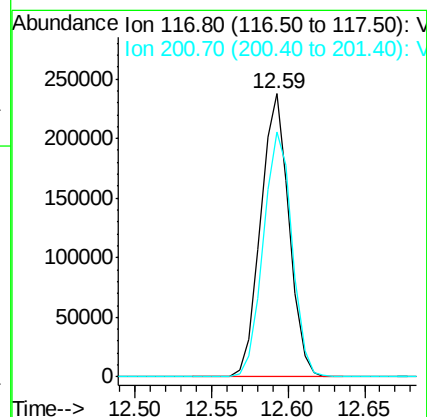
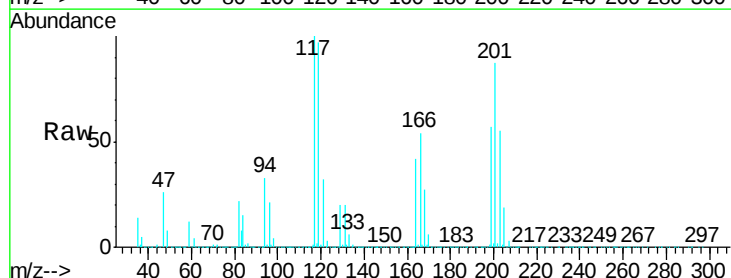
Acq: 25 Nov 2019 12:42

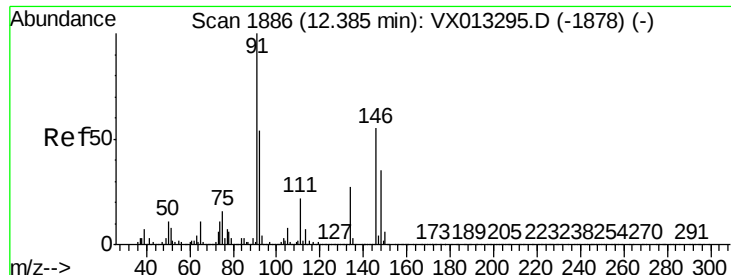
Tgt Ion: 117 Resp: 306368

Ion Ratio Lower Upper

117 100

201 88.2 43.9 131.7

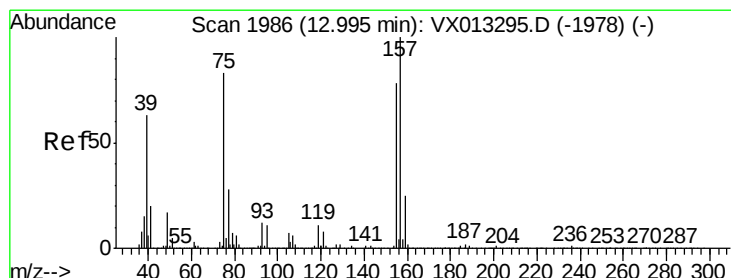
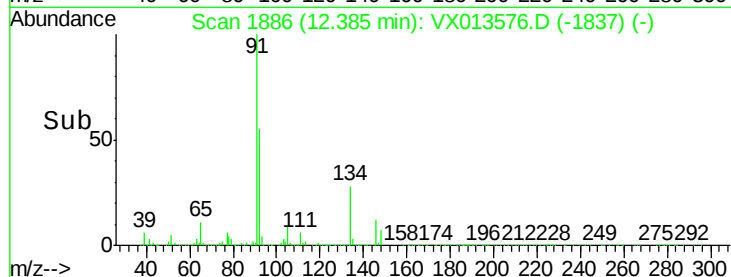
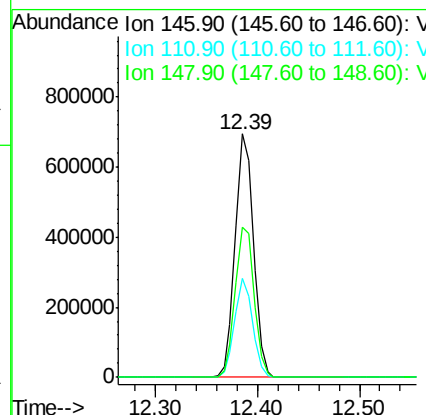
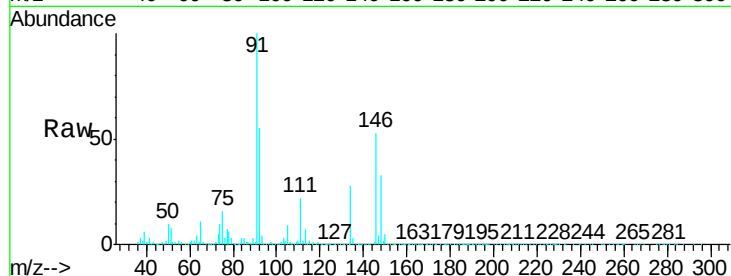




#91
 1,2-Dichlorobenzene
 Concen: 55.182 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

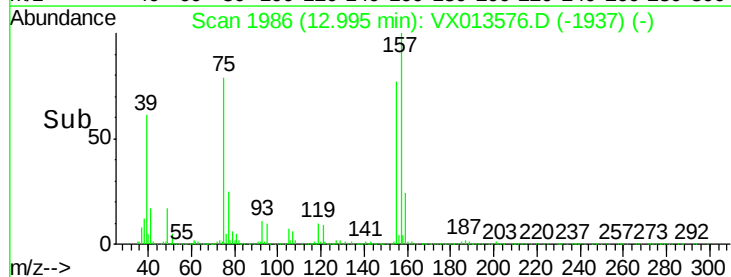
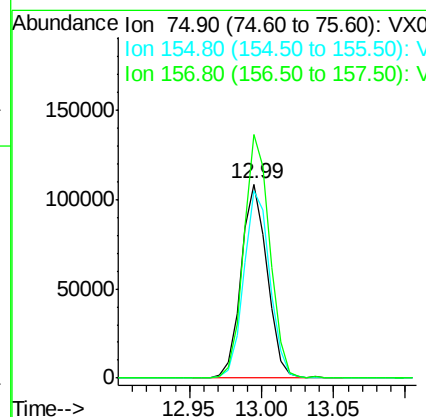
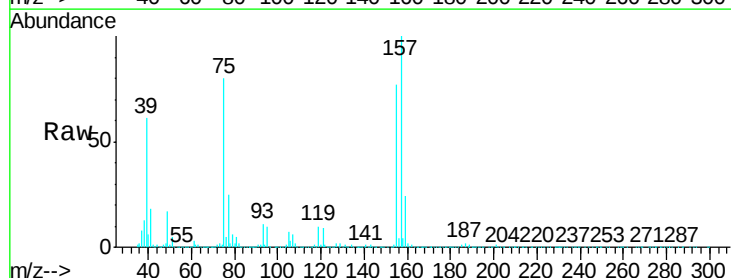
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

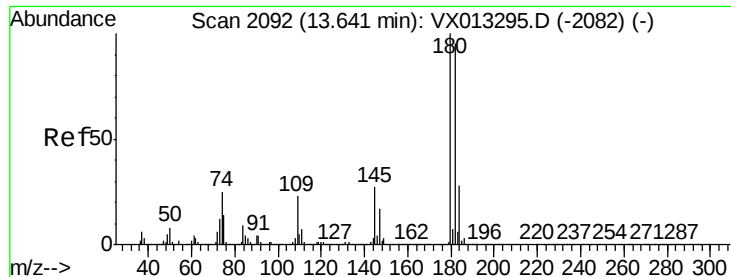
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	63.7	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.472 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	47.1	141.4
157	125.8	61.3	183.8

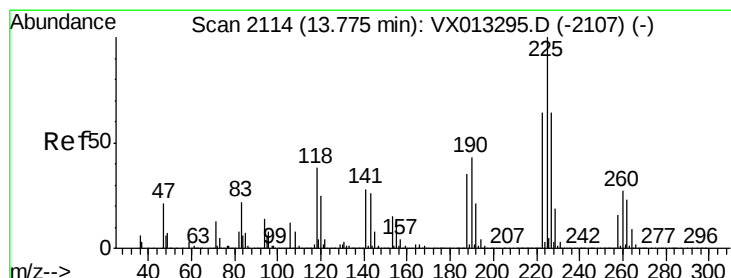
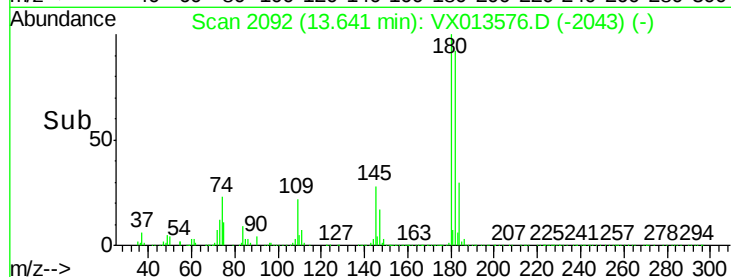
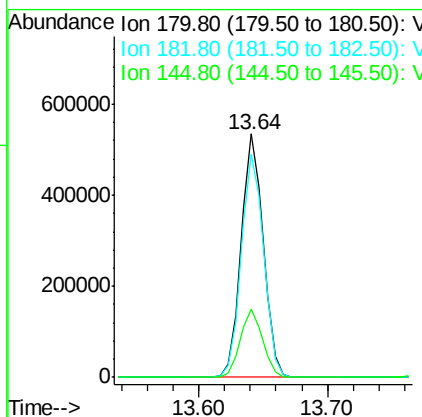
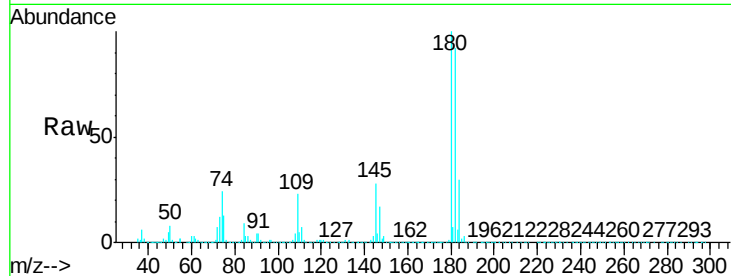




#93
 1,2,4-Trichlorobenzene
 Concen: 58.100 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

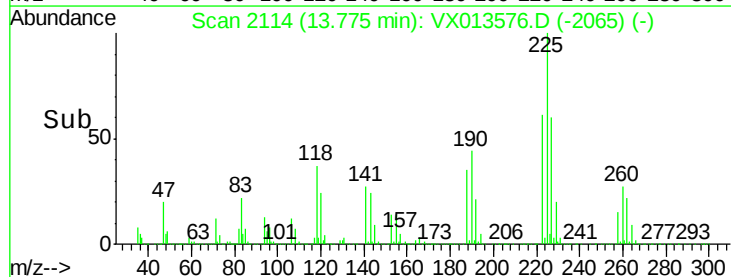
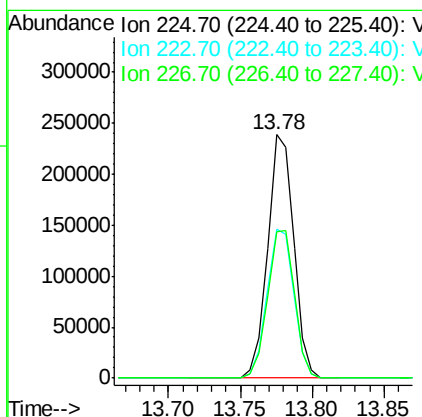
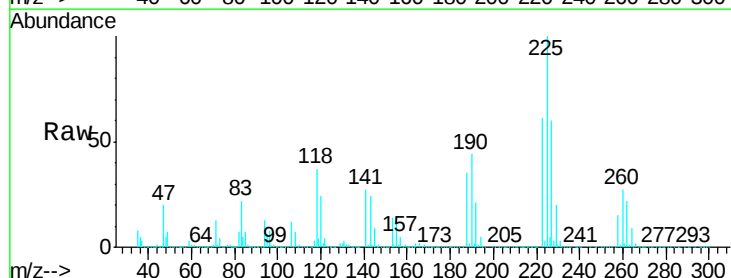
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

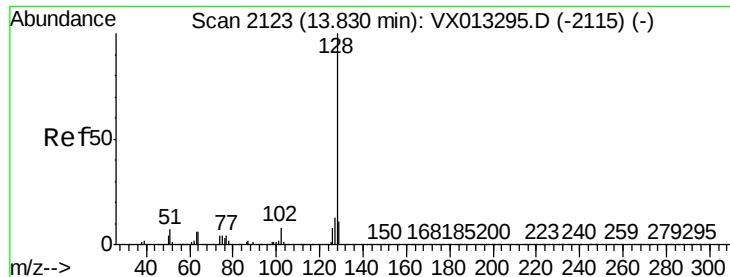
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.4	145.0
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 56.296 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013576.D
 Acq: 25 Nov 2019 12:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	62.9	31.9	95.9

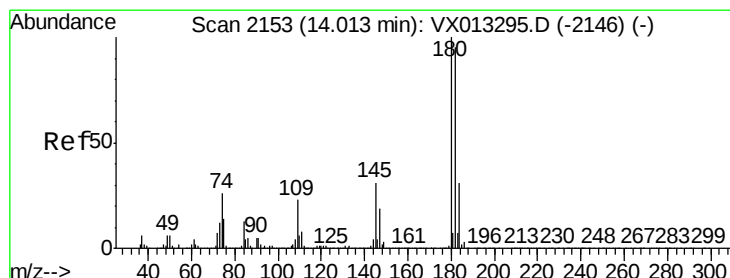
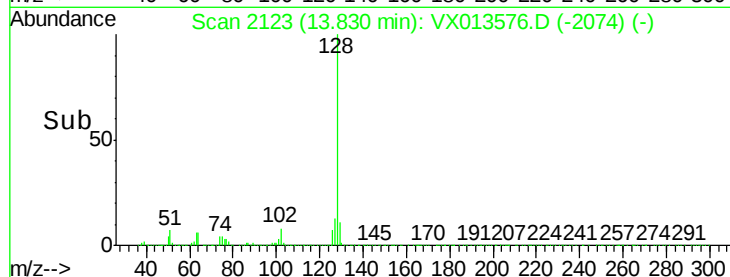
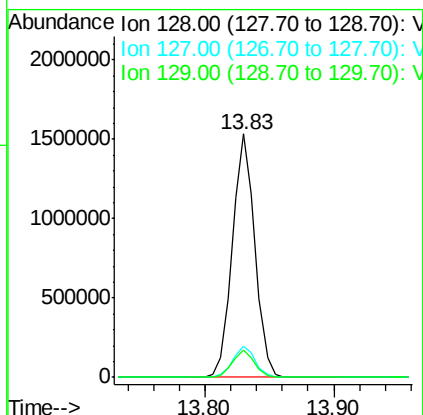
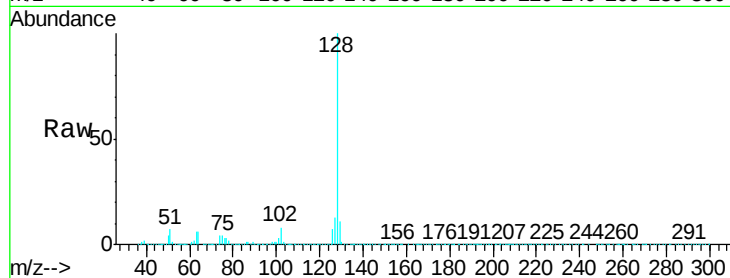




#95
Naphthalene
Concen: 54.782 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1867696
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 56.700 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013576.D
Acq: 25 Nov 2019 12:42

Tgt Ion:180 Resp: 617895
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.2
145 30.0 15.4 46.4

