

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110419\
 Data File : VX013319.D
 Acq On : 04 Nov 2019 11:48
 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 05 00:30:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	757590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1136882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1045022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	533951	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	428106	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
35) Dibromofluoromethane	5.48	113	349438	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	1330633	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	483479	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	423084	48.469	ug/l	98
3) Chloromethane	1.31	50	453970	47.958	ug/l	97
4) Vinyl Chloride	1.40	62	515762	47.859	ug/l	100
5) Bromomethane	1.62	94	319749	42.577	ug/l	99
6) Chloroethane	1.71	64	280148	45.366	ug/l	100
7) Trichlorofluoromethane	1.92	101	567797	44.596	ug/l	100
8) Diethyl Ether	2.17	74	265753	47.201	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	346465	48.823	ug/l	99
10) Methyl Iodide	2.50	142	418774	47.664	ug/l	98
11) Tert butyl alcohol	3.02	59	512727	216.743	ug/l	99
12) 1,1-Dichloroethene	2.36	96	340133	48.945	ug/l	99
13) Acrolein	2.28	56	290191	226.343	ug/l	98
14) Allyl chloride	2.72	41	643582	50.971	ug/l	97
15) Acrylonitrile	3.12	53	1110969	251.417	ug/l	99
16) Acetone	2.42	43	1104694	246.765	ug/l	98
17) Carbon Disulfide	2.56	76	930577	50.031	ug/l	100
18) Methyl Acetate	2.76	43	625111	50.579	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1188763	51.289	ug/l	98
20) Methylene Chloride	2.84	84	390579	47.221	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	363376	48.025	ug/l	95
22) Diisopropyl ether	3.84	45	1259397	51.663	ug/l	99
23) Vinyl Acetate	3.80	43	5410393	259.376	ug/l	99
24) 1,1-Dichloroethane	3.68	63	669112	49.067	ug/l	99
25) 2-Butanone	4.65	43	1640570	249.805	ug/l	99
26) 2,2-Dichloropropane	4.56	77	553461	51.018	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	420630	49.626	ug/l	99
28) Bromochloromethane	5.00	49	207093	53.486	ug/l	100
29) Tetrahydrofuran	5.11	42	1025175	253.311	ug/l	100
30) Chloroform	5.19	83	660339	49.040	ug/l	99
31) Cyclohexane	5.56	56	602835	49.128	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	557986	48.151	ug/l	99
36) 1,1-Dichloropropene	5.78	75	495213	50.775	ug/l	99
37) Ethyl Acetate	4.81	43	608209	50.468	ug/l	99
38) Carbon Tetrachloride	5.77	117	486696	51.031	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	622086	51.190	ug/l	97
40) Benzene	6.13	78	1492548	49.128	ug/l	99
41) Methacrylonitrile	5.02	41	337398	49.949	ug/l	99
42) 1,2-Dichloroethane	6.17	62	546802	49.898	ug/l	99
43) Isopropyl Acetate	6.43	43	988422	52.670	ug/l	100
44) Trichloroethene	7.20	130	404326	48.349	ug/l	96
45) 1,2-Dichloropropane	7.50	63	396036	51.162	ug/l	100
46) Dibromomethane	7.65	93	265253	50.188	ug/l	99
47) Bromodichloromethane	7.89	83	522789	52.455	ug/l	97
48) Methyl methacrylate	7.76	41	490115	52.320	ug/l	98
49) 1,4-Dioxane	7.73	88	207749	968.387	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	3149529	255.803	ug/l	100
52) Toluene	8.78	92	941544	50.003	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	600299	55.083	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	655377	53.760	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	399264	51.157	ug/l	98
56) Ethyl methacrylate	9.17	69	657152	49.342	ug/l	99
57) 1,3-Dichloropropane	9.36	76	664178	50.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1396256	261.646	ug/l	100
59) 2-Hexanone	9.48	43	2462784	258.840	ug/l	99
60) Dibromochloromethane	9.57	129	430824	53.974	ug/l	99
61) 1,2-Dibromoethane	9.67	107	422134	50.936	ug/l	99
64) Tetrachloroethene	9.33	164	359037	47.993	ug/l	96
65) Chlorobenzene	10.13	112	1031437	48.752	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	392769	50.561	ug/l	98
67) Ethyl Benzene	10.25	91	1826575	50.023	ug/l	99
68) m/p-Xylenes	10.36	106	1391157	100.739	ug/l	99
69) o-Xylene	10.69	106	672480	49.740	ug/l	100
70) Styrene	10.71	104	1172094	51.862	ug/l	99
71) Bromoform	10.85	173	342471	47.704	ug/l	98
73) Isopropylbenzene	11.01	105	1786268	50.457	ug/l	100
74) N-amyl acetate	10.89	43	879972	53.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	638190	49.414	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	748859	69.050	ug/l	80
77) Bromobenzene	11.25	156	473373	50.158	ug/l	97
78) n-propylbenzene	11.35	91	2059973	52.237	ug/l	100
79) 2-Chlorotoluene	11.42	91	1194838	50.288	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1523336	51.660	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	223186	52.970	ug/l	98
82) 4-Chlorotoluene	11.51	91	1394281	50.130	ug/l	99
83) tert-Butylbenzene	11.76	119	1549248	52.192	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1537638	51.981	ug/l	99
85) sec-Butylbenzene	11.94	105	1756954	51.500	ug/l	100
86) p-Isopropyltoluene	12.06	119	1651941	52.586	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	843638	50.149	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	843878	49.235	ug/l	99
89) n-Butylbenzene	12.38	91	1445835	52.746	ug/l	100
90) Hexachloroethane	12.59	117	296989	53.061	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	844669	50.230	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	142885	45.410	ug/l	97

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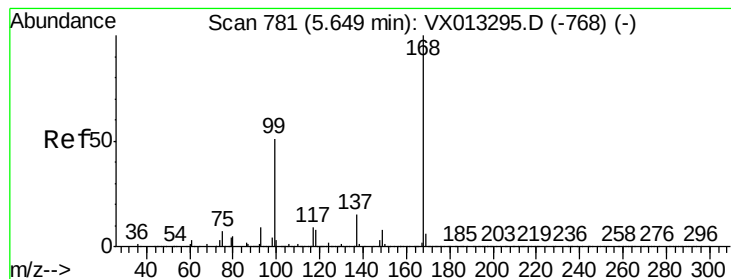
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	605664	51.634	ug/l	99
94) Hexachlorobutadiene	13.78	225	294197	51.266	ug/l	100
95) Naphthalene	13.83	128	1915501	52.048	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	605915	51.508	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

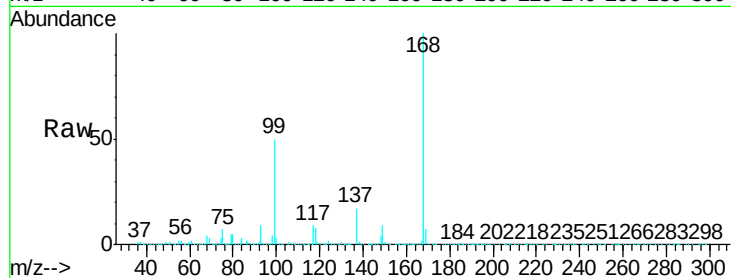
VSTDCCC050

Tgt Ion:168 Resp: 757590

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

250000

200000

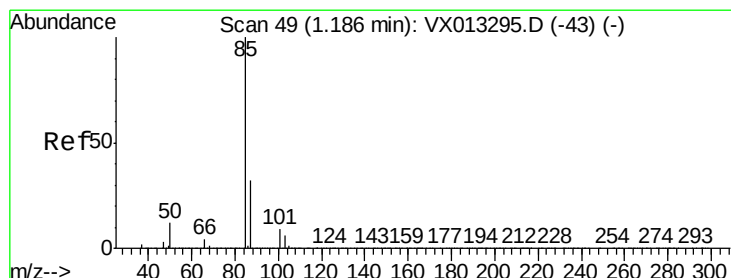
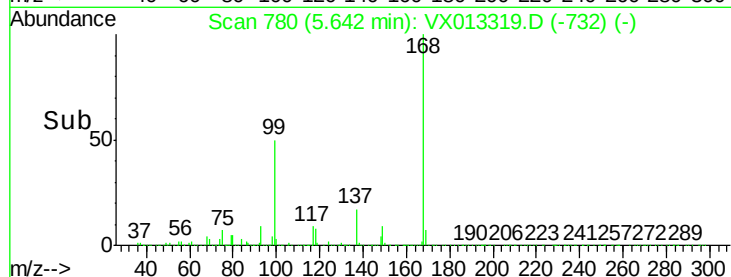
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.469 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013319.D

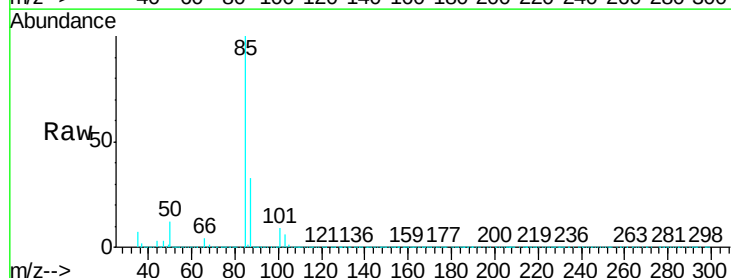
Acq: 04 Nov 2019 11:48

Tgt Ion: 85 Resp: 423084

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

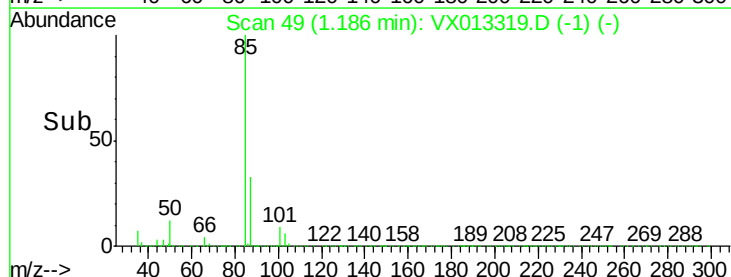
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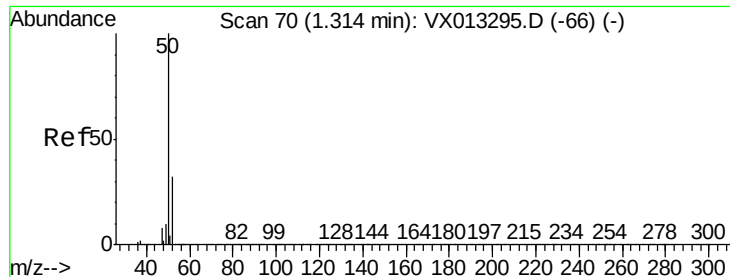
200000

100000

0

Time-->





#3

Chloromethane

Concen: 47.958 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

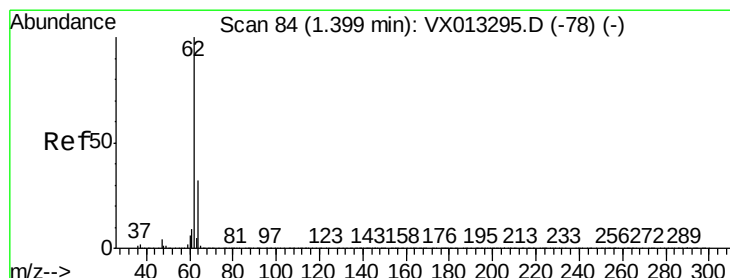
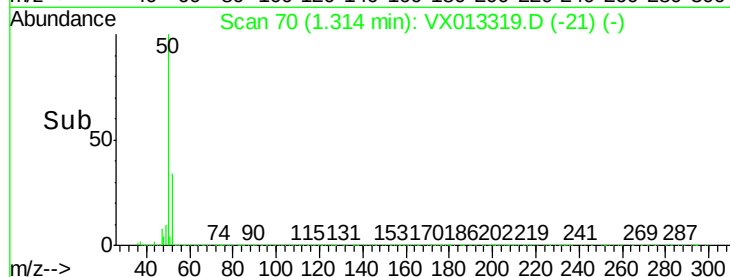
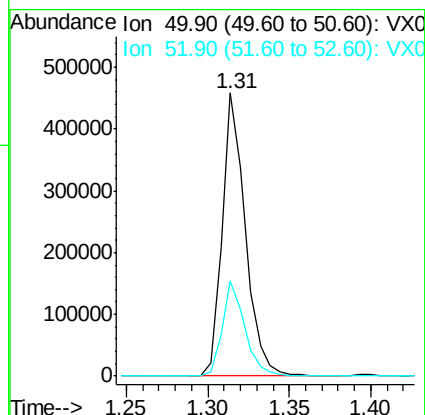
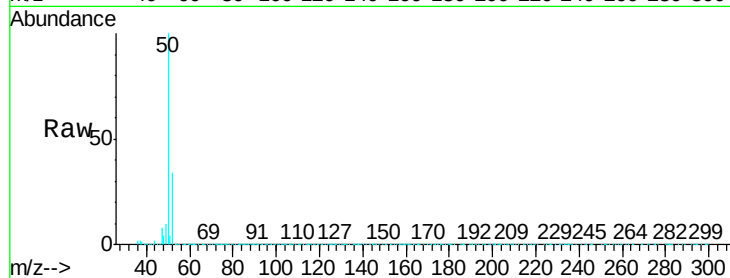
VSTDCCC050

Tgt Ion: 50 Resp: 453970

Ion Ratio Lower Upper

50 100

52 33.5 25.5 38.3



#4

Vinyl Chloride

Concen: 47.859 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013319.D

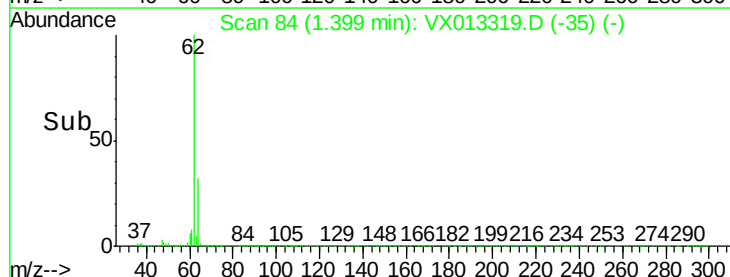
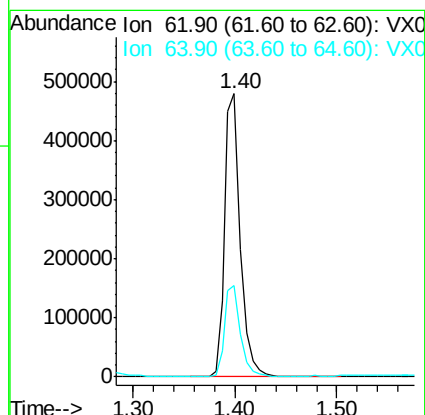
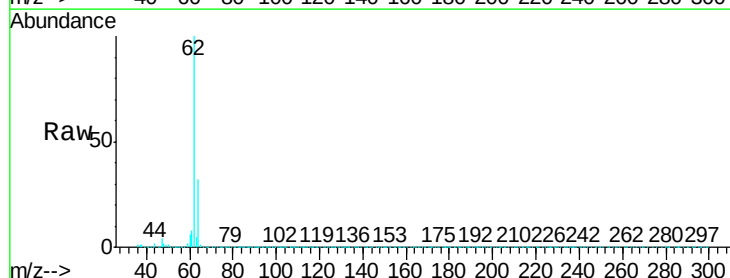
Acq: 04 Nov 2019 11:48

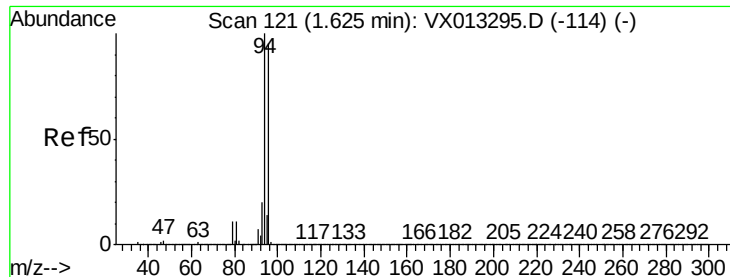
Tgt Ion: 62 Resp: 515762

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 42.577 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

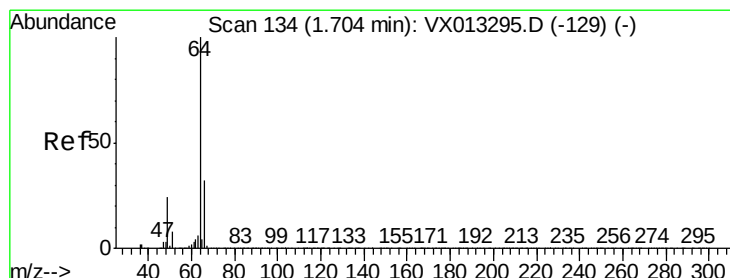
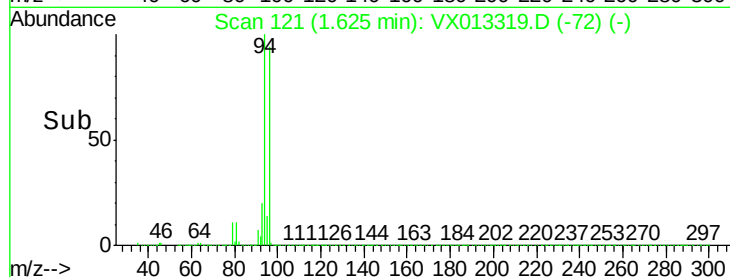
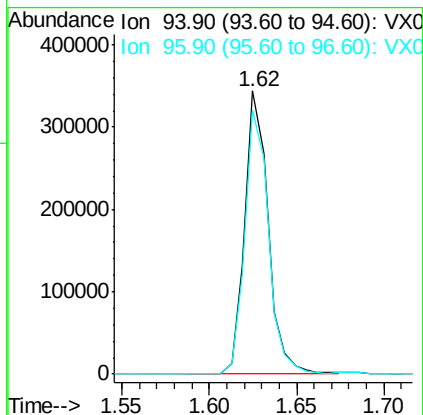
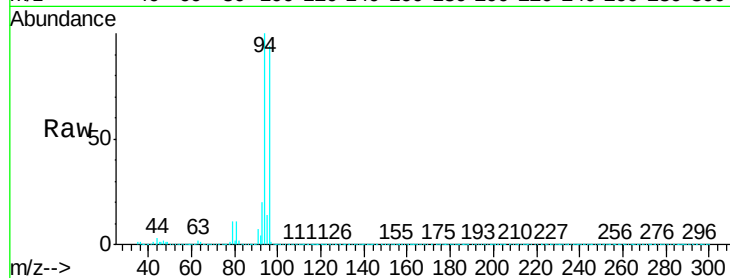
VSTDCCC050

Tgt Ion: 94 Resp: 319749

Ion Ratio Lower Upper

94 100

96 93.5 75.8 113.8



#6

Chloroethane

Concen: 45.366 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013319.D

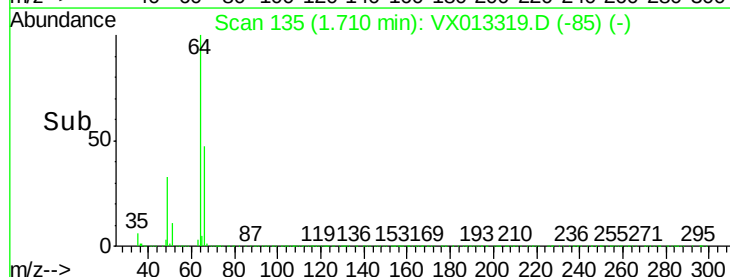
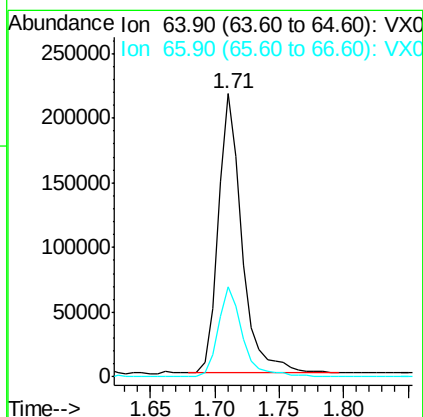
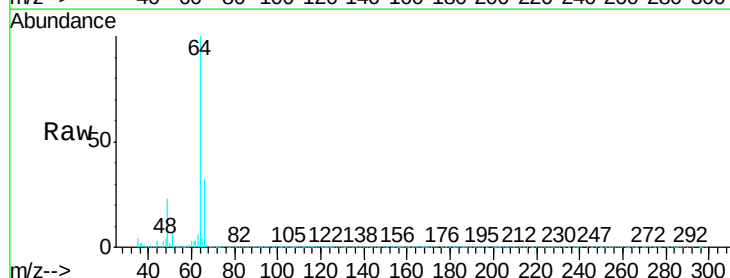
Acq: 04 Nov 2019 11:48

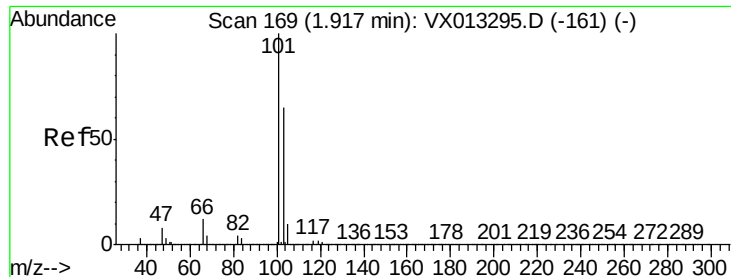
Tgt Ion: 64 Resp: 280148

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



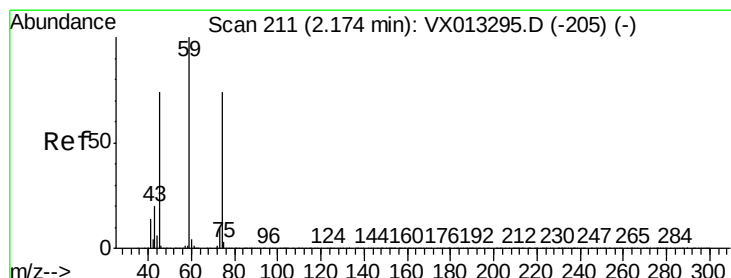
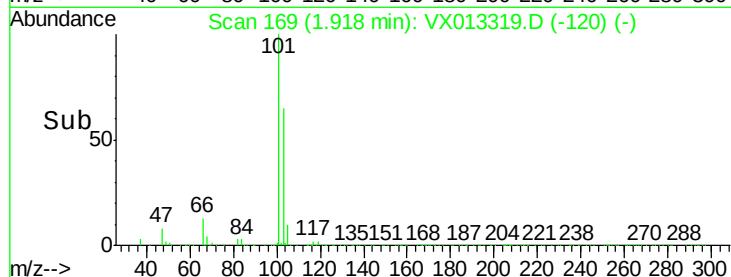
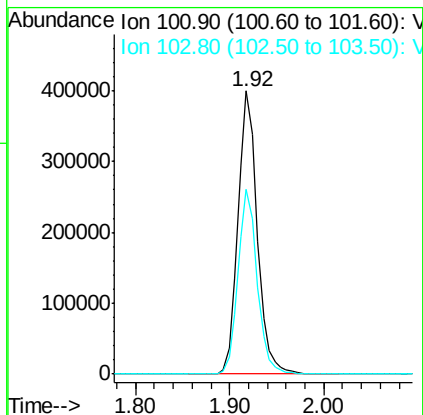
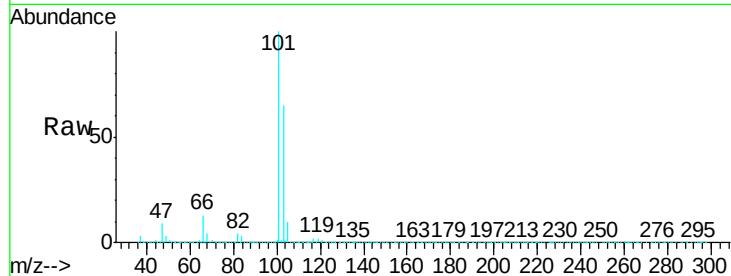


#7

Trichlorofluoromethane
Concen: 44.596 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
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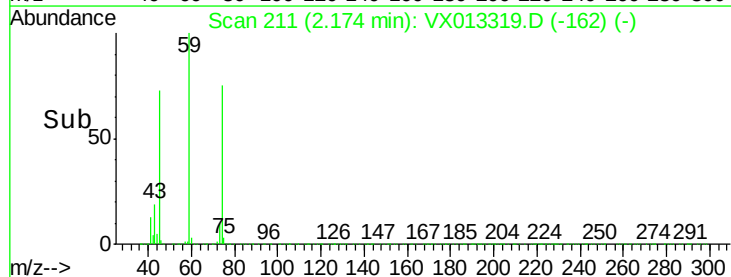
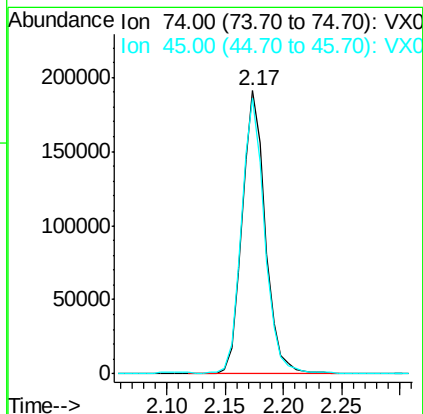
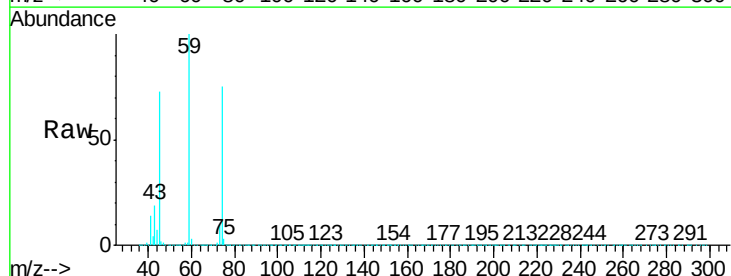
Tgt Ion:101 Resp: 567797
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

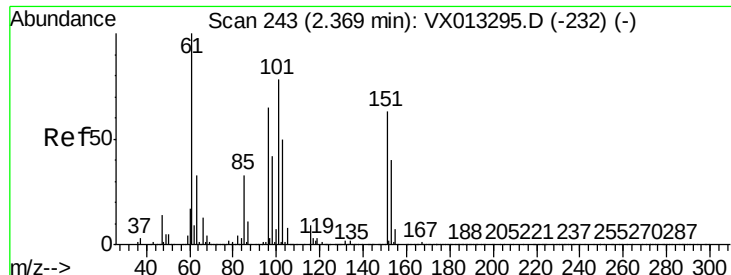


#8

Diethyl Ether
Concen: 47.201 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 74 Resp: 265753
Ion Ratio Lower Upper
74 100
45 96.3 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.823 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

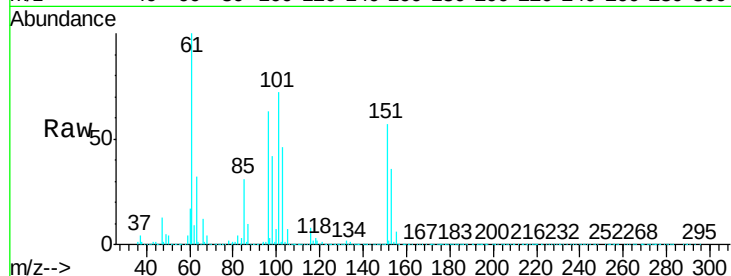
Tgt Ion:101 Resp: 346465

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

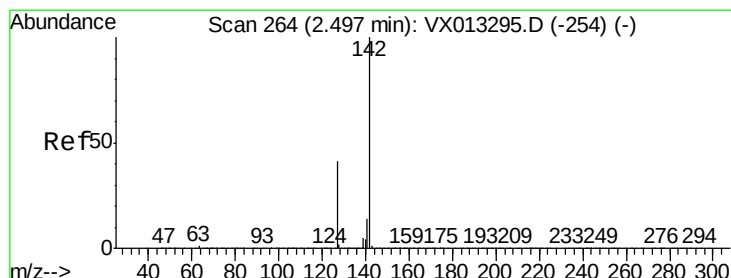
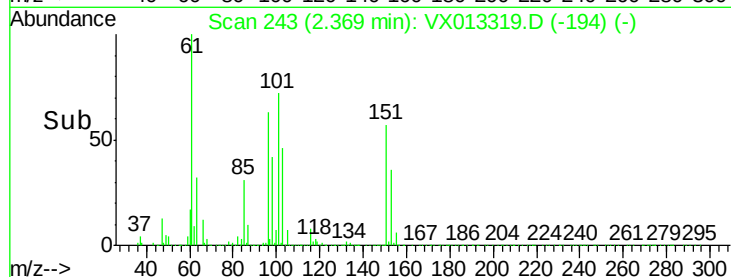
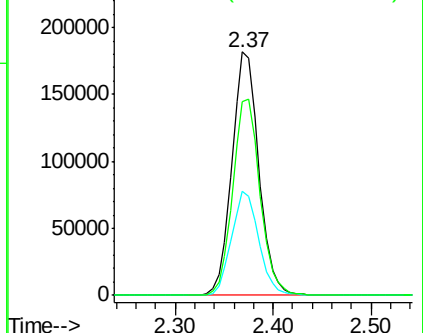
151 82.0 66.4 99.6



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: 47.664 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

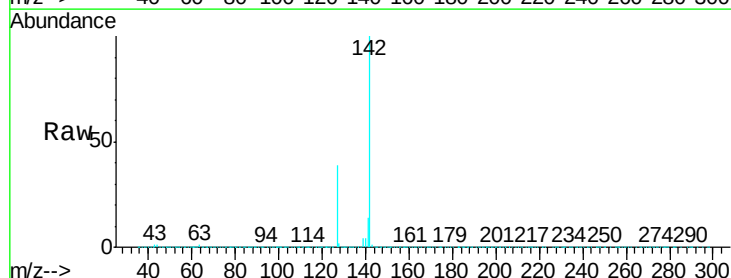
Tgt Ion:142 Resp: 418774

Ion Ratio Lower Upper

142 100

127 39.3 32.6 49.0

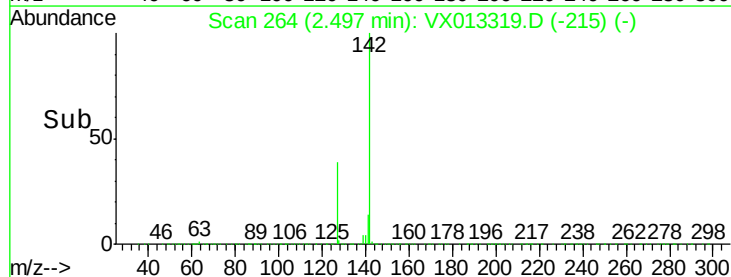
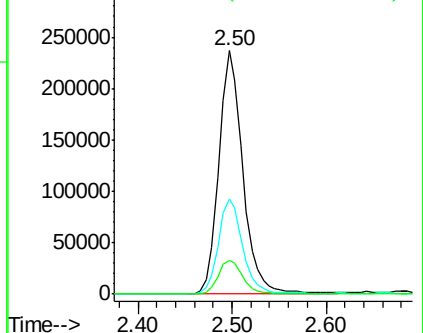
141 14.5 11.6 17.4

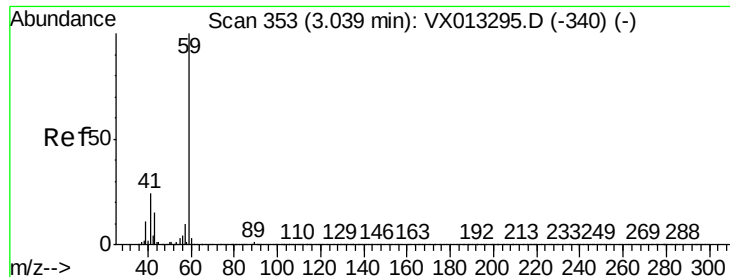


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



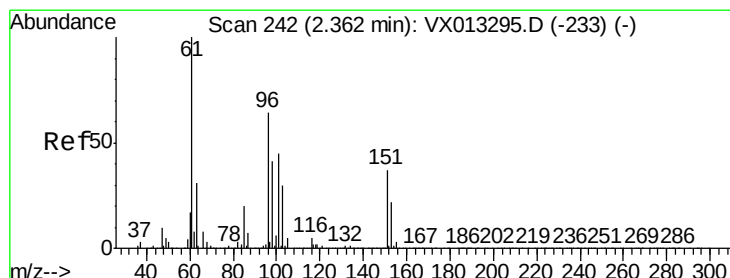
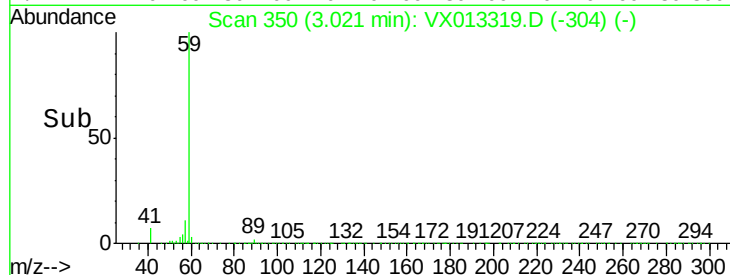
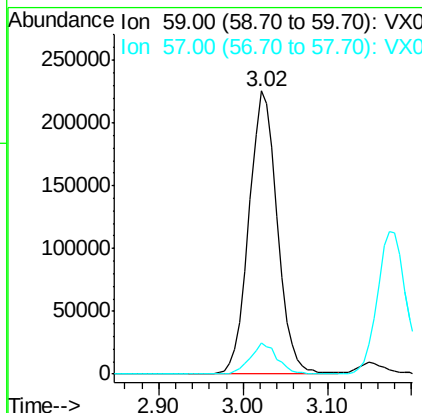
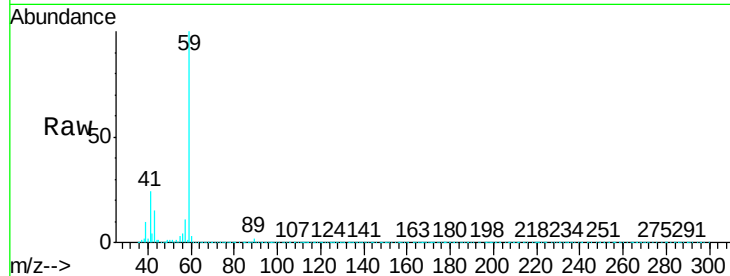


#11

Tert butyl alcohol
Concen: 216.743 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

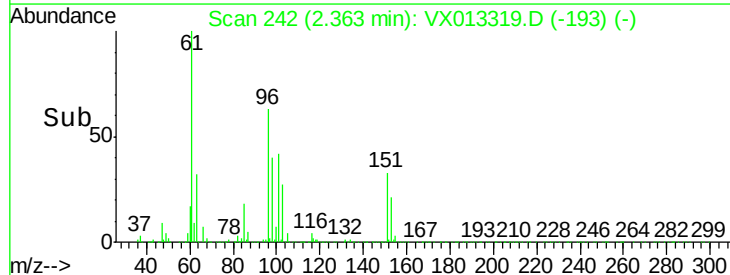
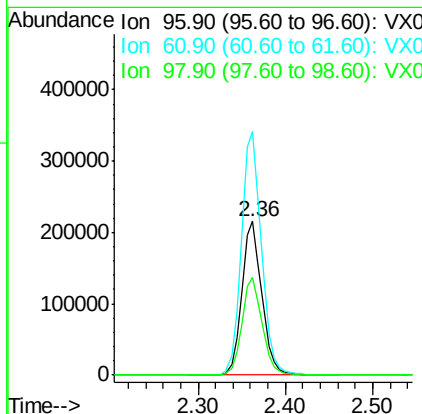
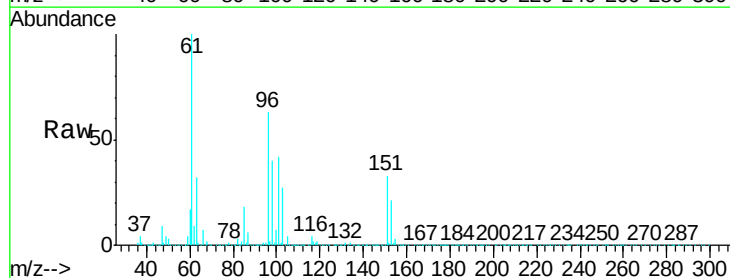
Tgt Ion: 59 Resp: 512727
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0

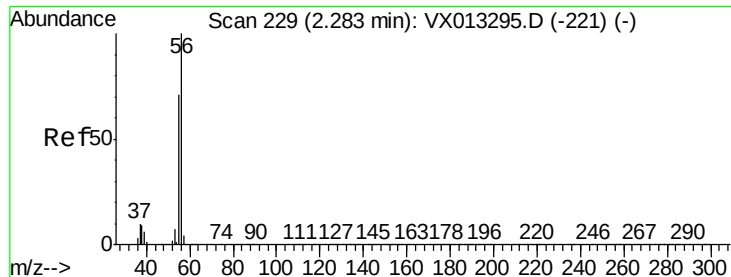


#12

1,1-Dichloroethene
Concen: 48.945 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 96 Resp: 340133
Ion Ratio Lower Upper
96 100
61 158.1 125.0 187.6
98 63.8 50.7 76.1

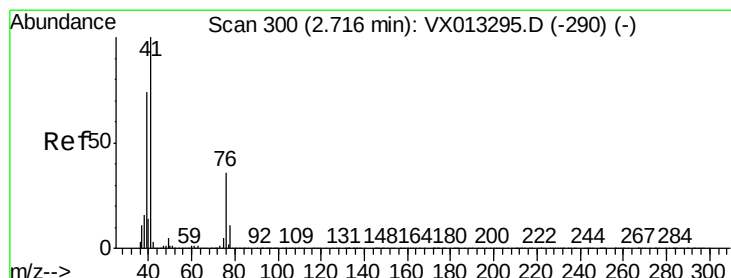
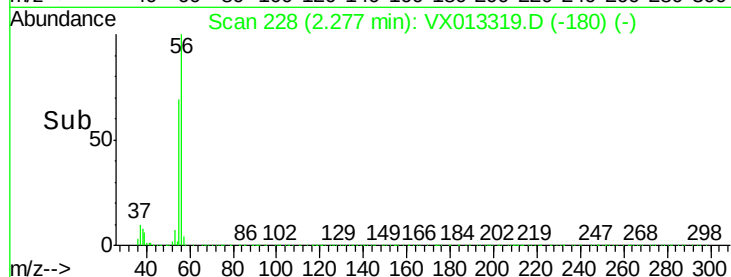
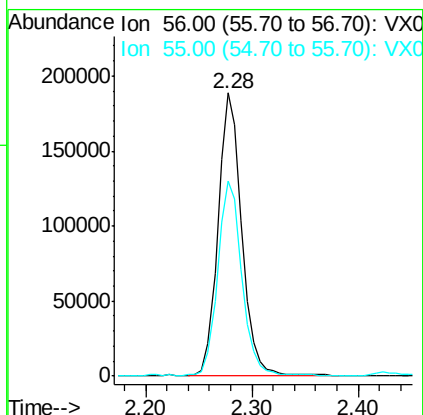
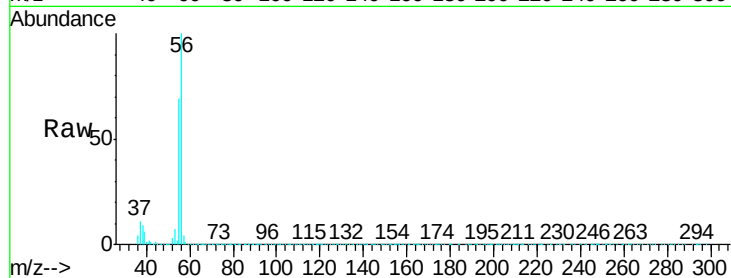




#13
Acrolein
Concen: 226.343 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

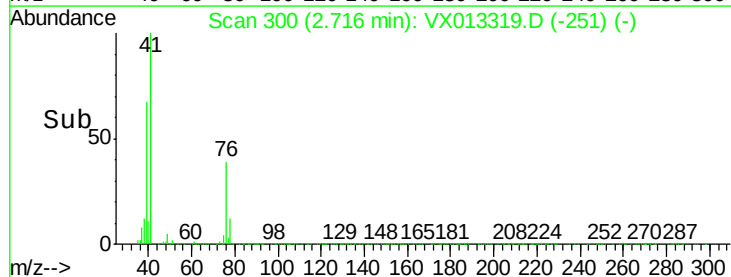
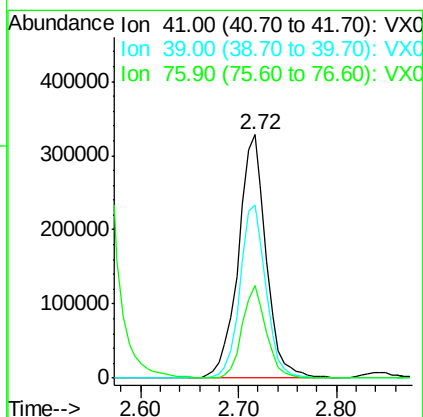
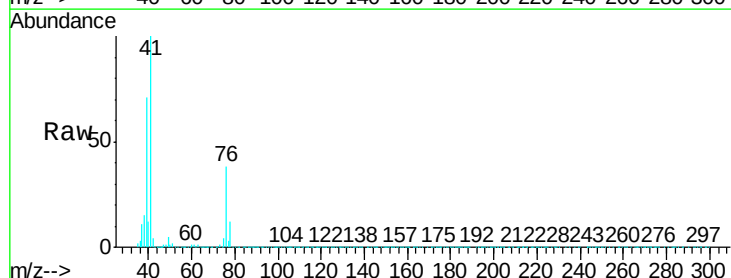
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

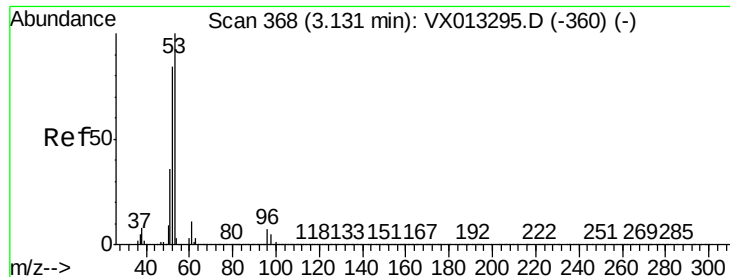
Tgt Ion: 56 Resp: 290191
Ion Ratio Lower Upper
56 100
55 70.4 57.4 86.0



#14
Allyl chloride
Concen: 50.971 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 41 Resp: 643582
Ion Ratio Lower Upper
41 100
39 67.1 55.8 83.8
76 32.4 26.4 39.6





#15

Acrylonitrile

Concen: 251.417 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

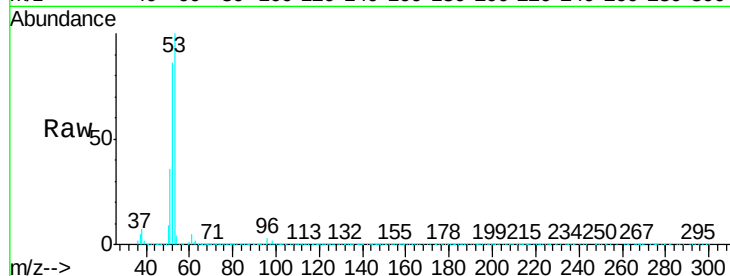
Tgt Ion: 53 Resp: 1110969

Ion Ratio Lower Upper

53 100

52 83.6 67.4 101.0

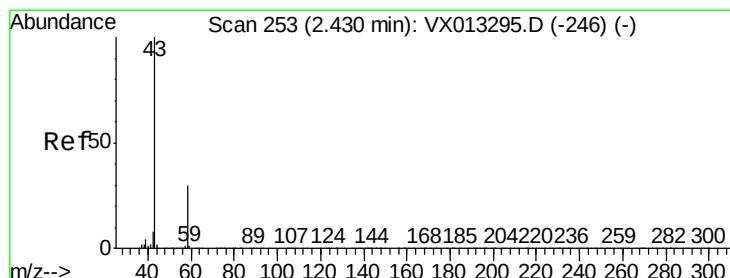
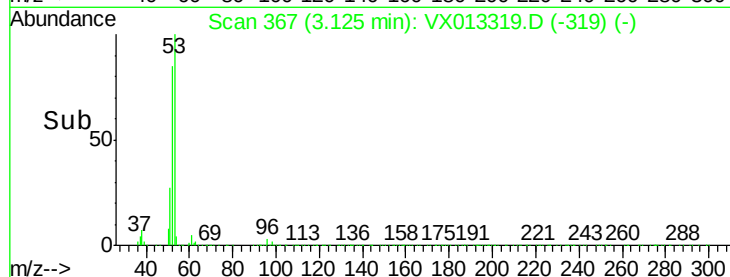
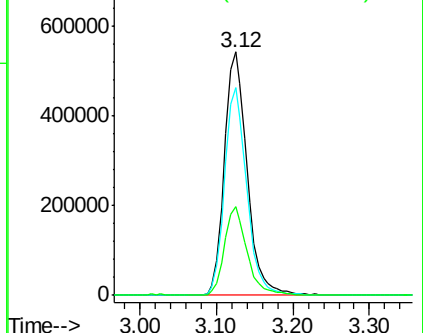
51 36.3 29.4 44.2



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: 246.765 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013319.D

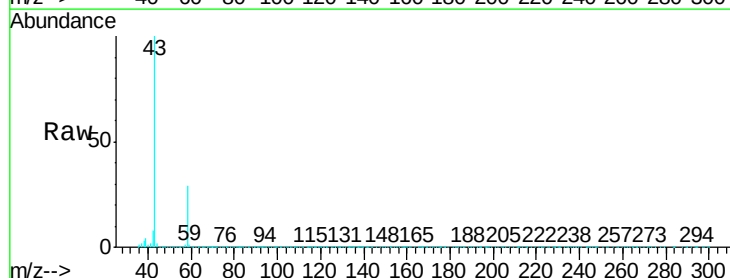
Acq: 04 Nov 2019 11:48

Tgt Ion: 43 Resp: 1104694

Ion Ratio Lower Upper

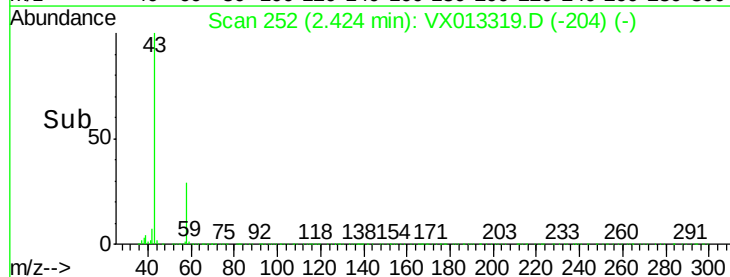
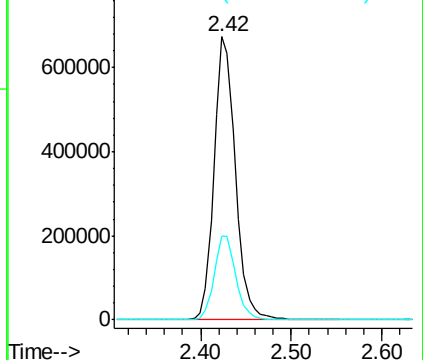
43 100

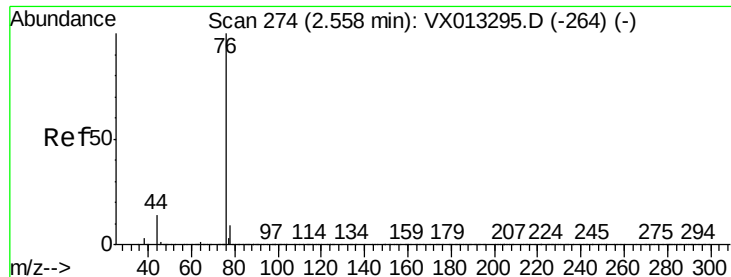
58 29.4 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.031 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

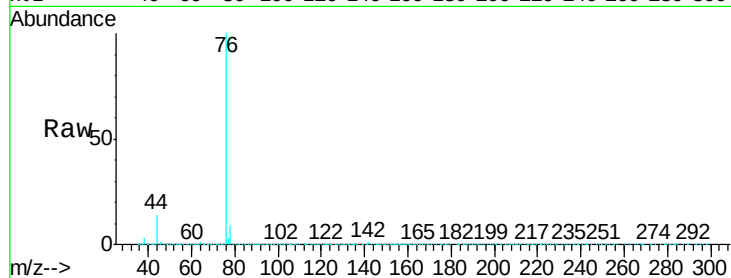
VSTDCCC050

Tgt Ion: 76 Resp: 930577

Ion Ratio Lower Upper

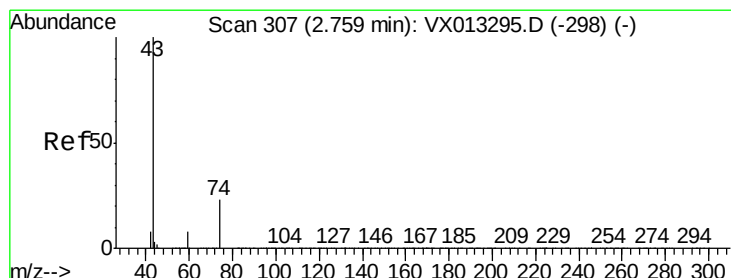
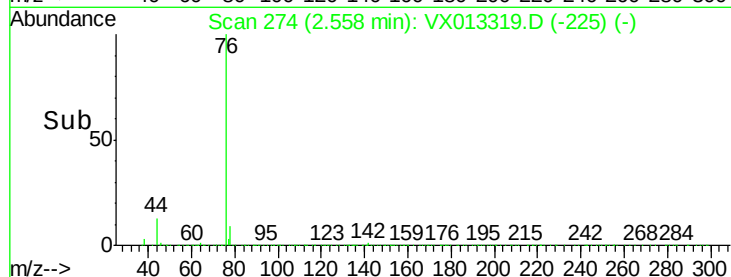
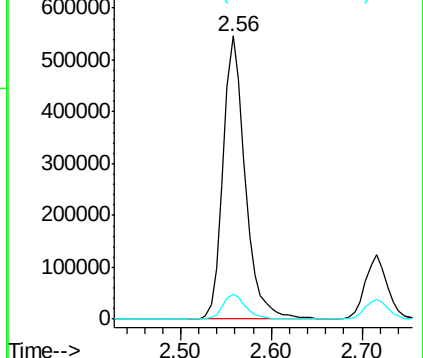
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.579 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013319.D

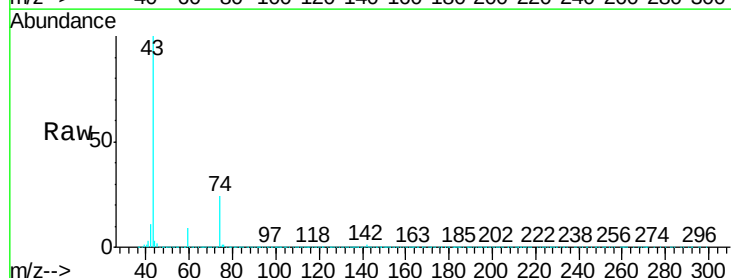
Acq: 04 Nov 2019 11:48

Tgt Ion: 43 Resp: 625111

Ion Ratio Lower Upper

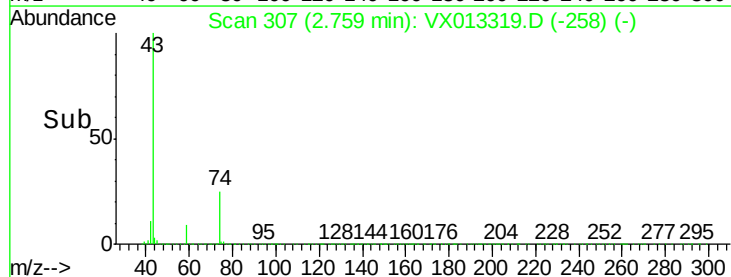
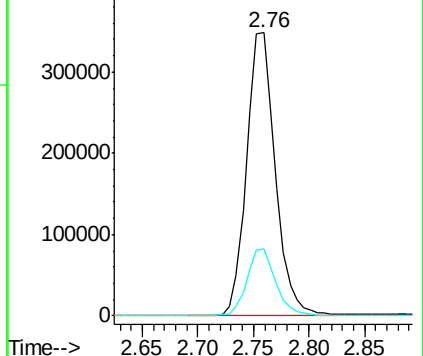
43 100

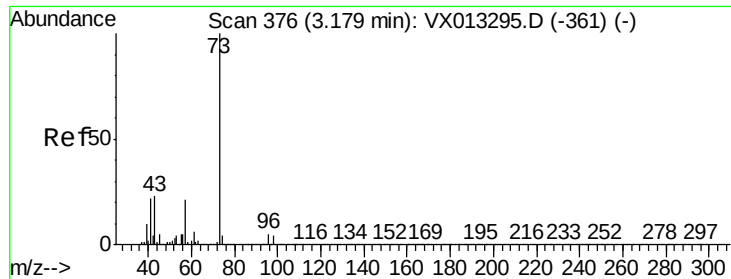
74 23.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

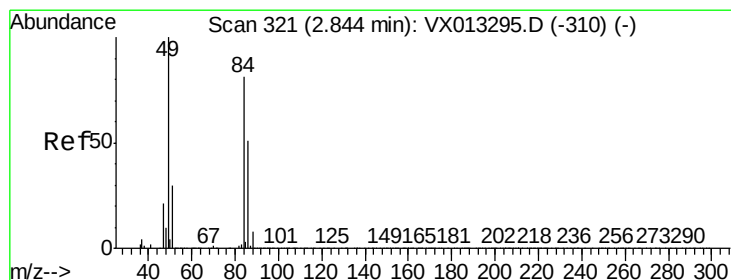
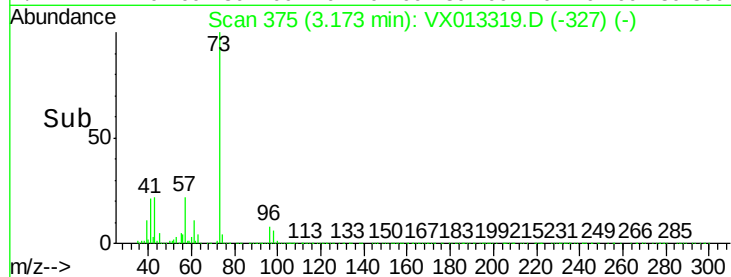
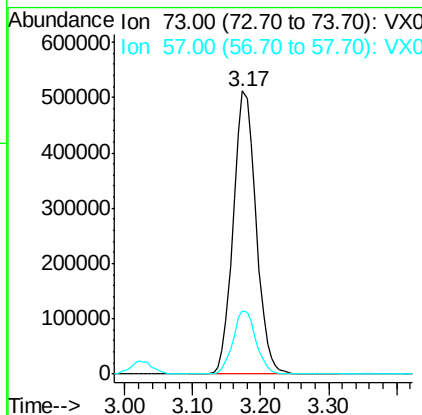
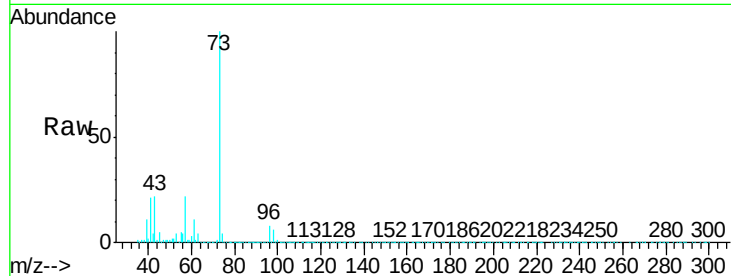




#19
Methyl tert-butyl Ether
Concen: 51.289 ug/l
RT: 3.17 min Scan# 375
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

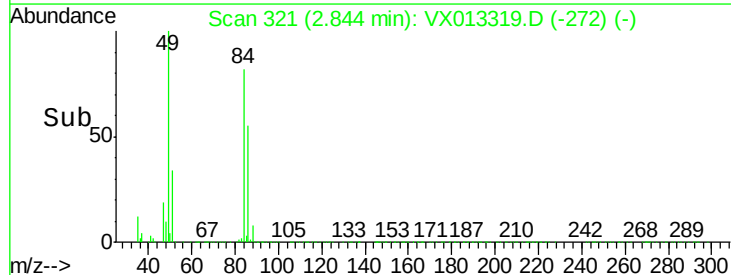
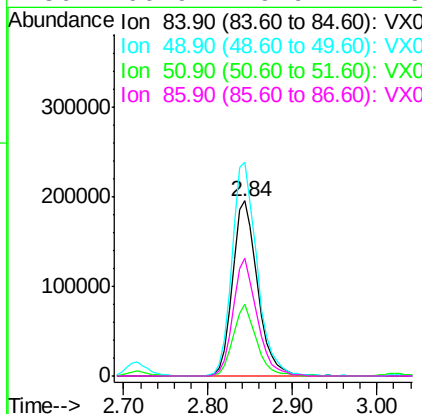
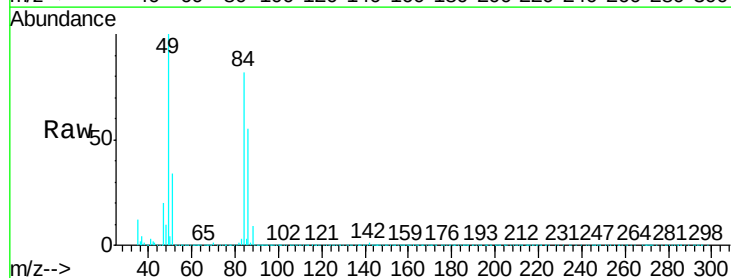
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

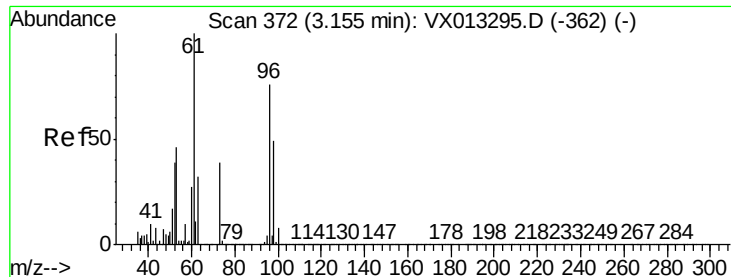
Tgt Ion: 73 Resp: 1188763
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7



#20
Methylene Chloride
Concen: 47.221 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 84 Resp: 390579
Ion Ratio Lower Upper
84 100
49 122.0 98.2 147.4
51 41.0 29.9 44.9
86 66.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.025 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

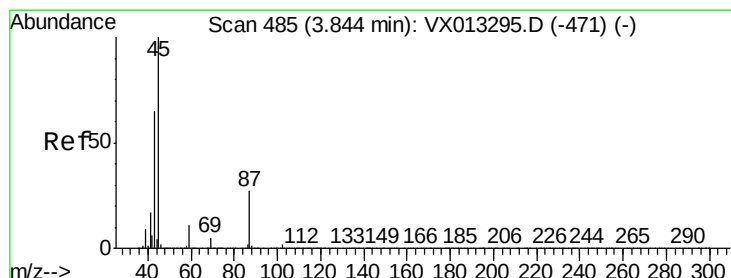
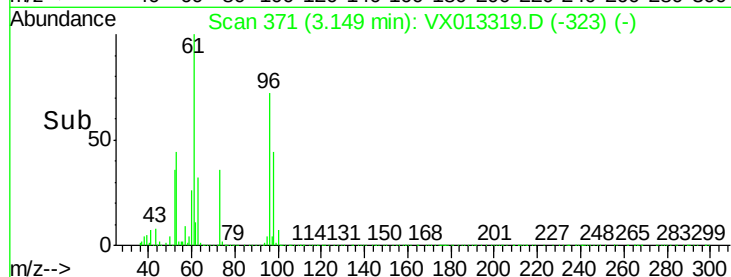
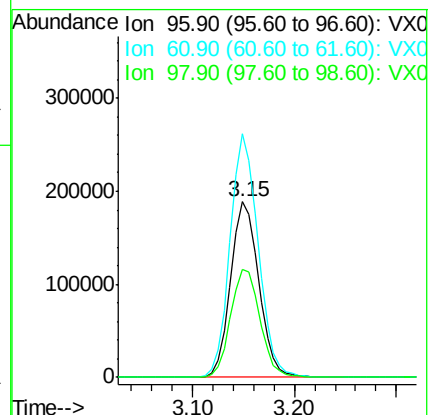
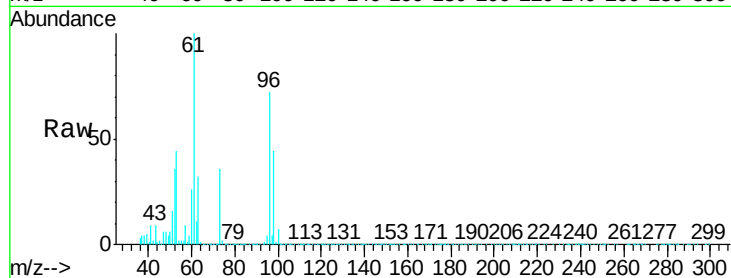
Tgt Ion: 96 Resp: 363376

Ion Ratio Lower Upper

96 100

61 138.8 105.8 158.6

98 61.5 51.8 77.6



#22

Diisopropyl ether

Concen: 51.663 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Tgt Ion: 45 Resp: 1259397

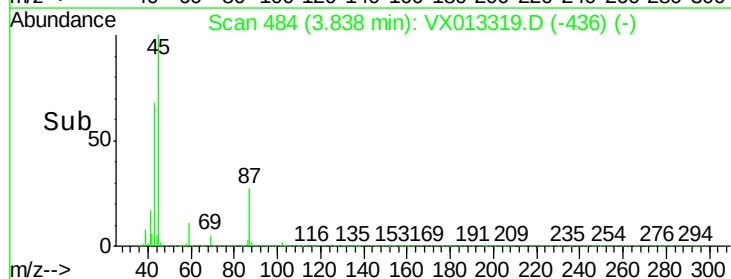
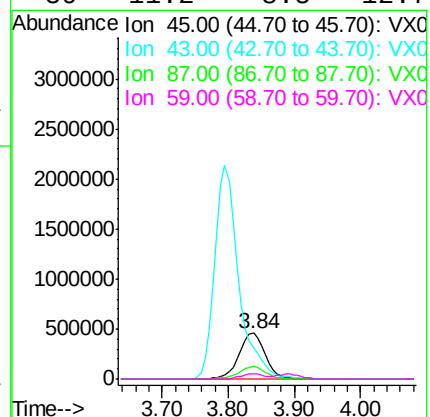
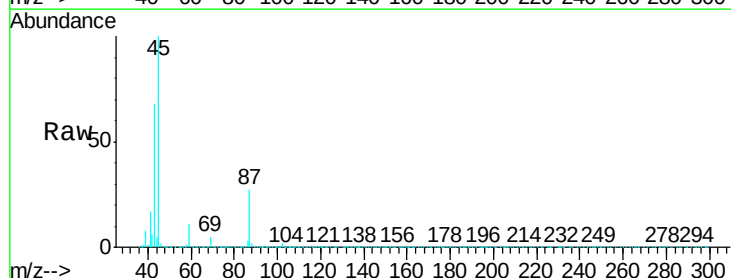
Ion Ratio Lower Upper

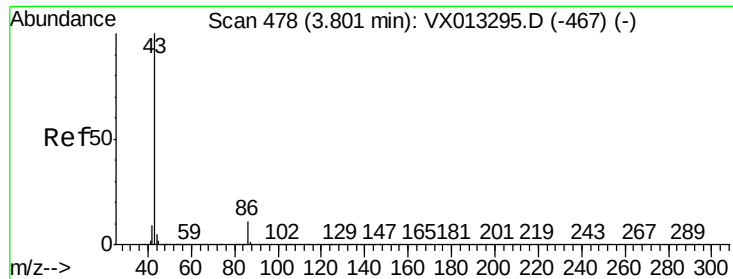
45 100

43 67.1 54.2 81.2

87 27.3 21.8 32.8

59 11.2 8.5 12.7





#23

Vinyl Acetate

Concen: 259.376 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

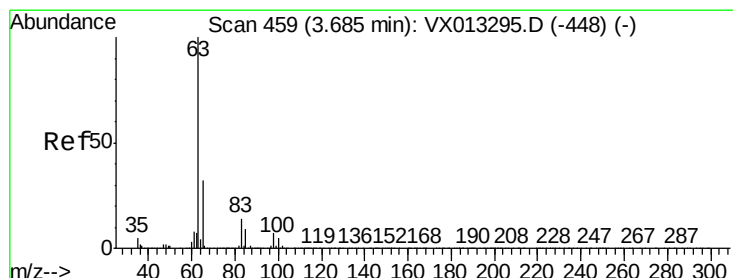
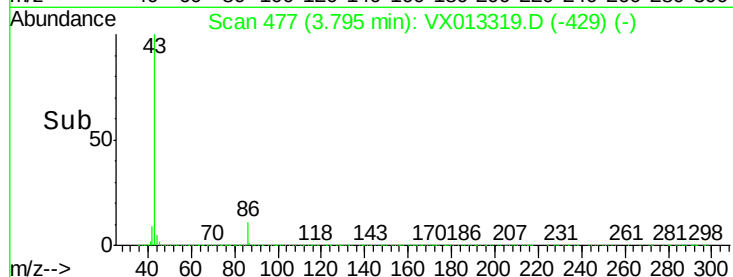
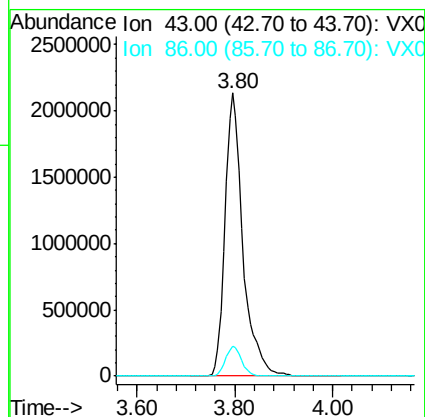
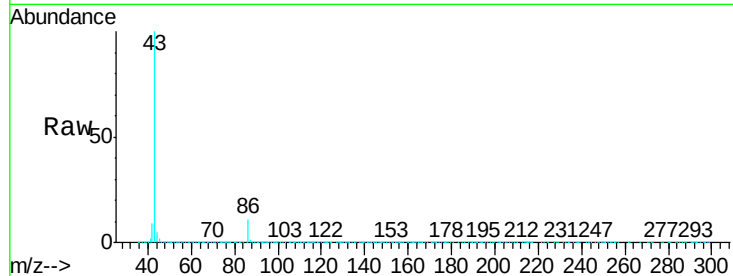
VSTDCCC050

Tgt Ion: 43 Resp: 5410393

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 49.067 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

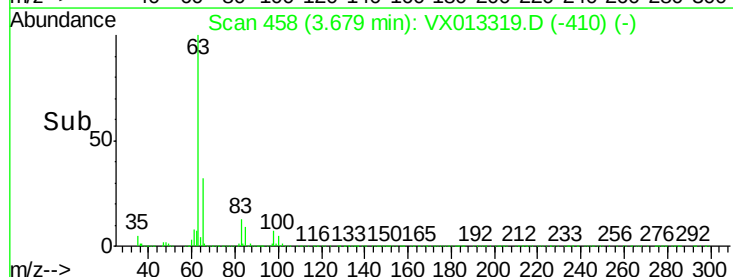
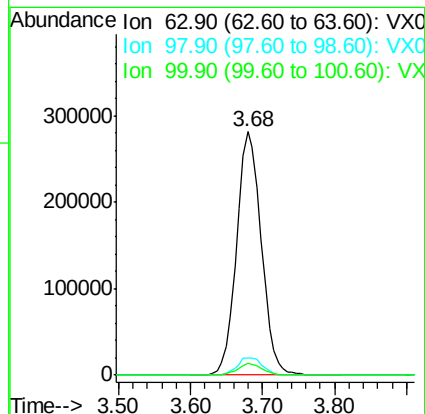
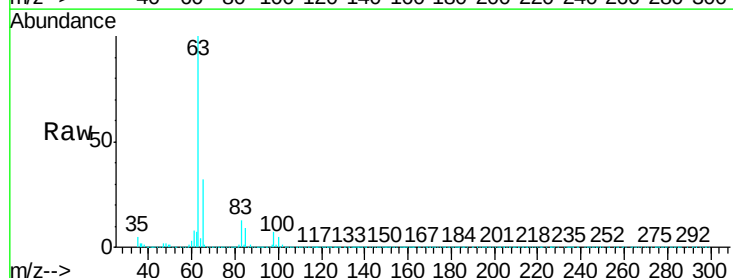
Tgt Ion: 63 Resp: 669112

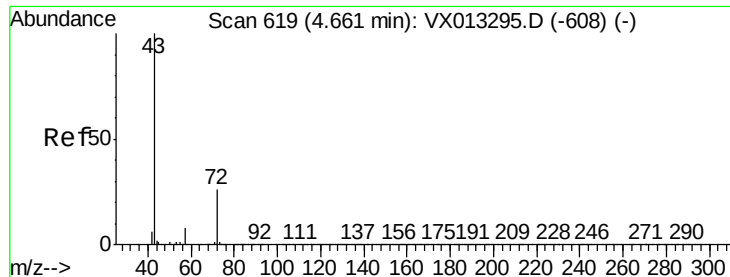
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 5.0 2.4 7.2

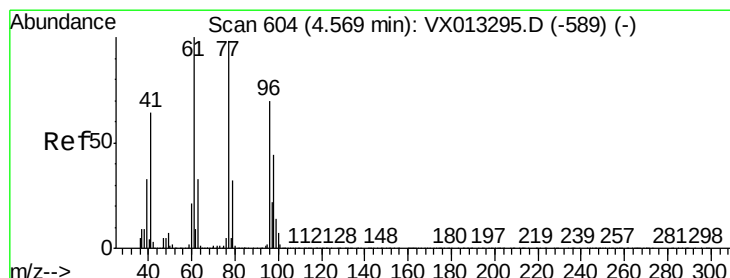
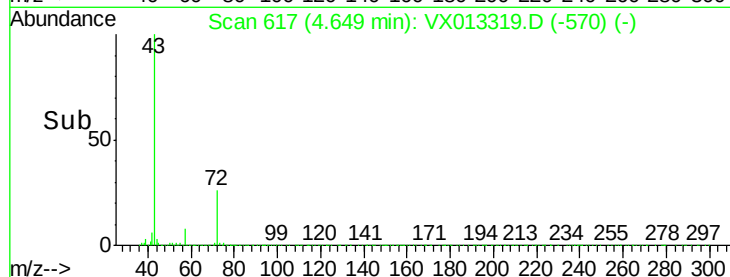
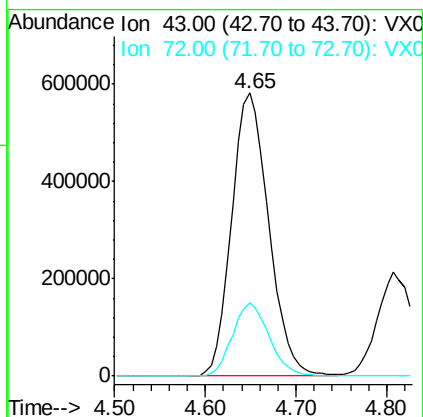
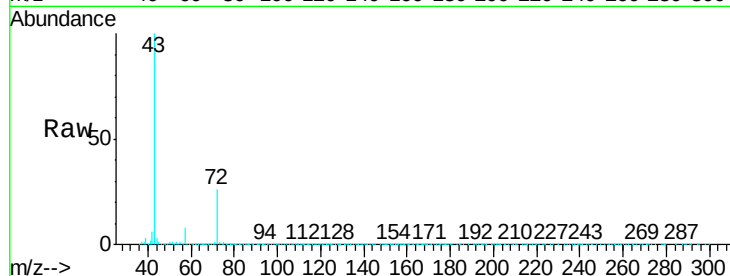




#25
2-Butanone
Concen: 249.805 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

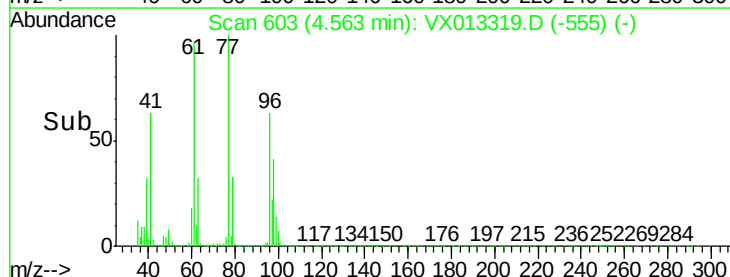
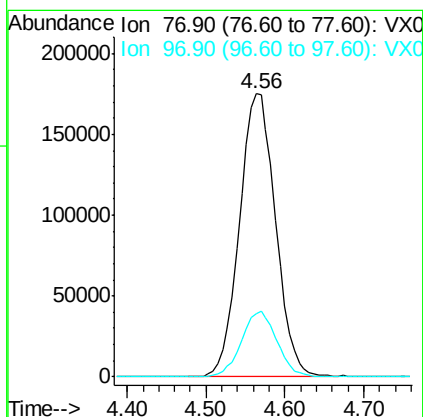
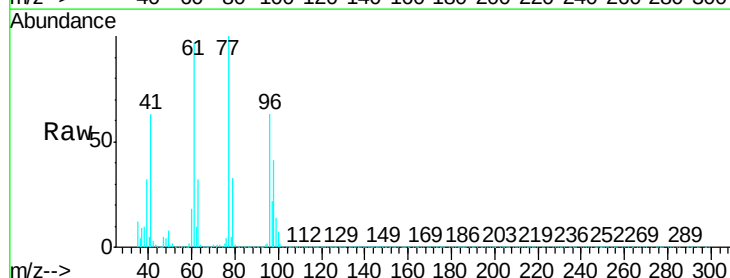
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

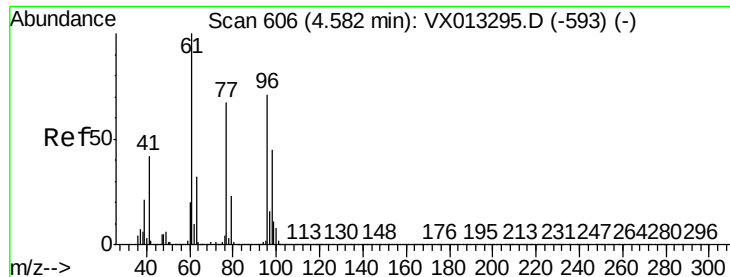
Tgt Ion: 43 Resp: 1640570
Ion Ratio Lower Upper
43 100
72 25.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 51.018 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 77 Resp: 553461
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8



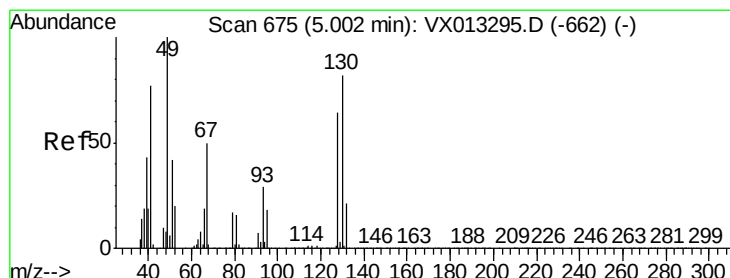
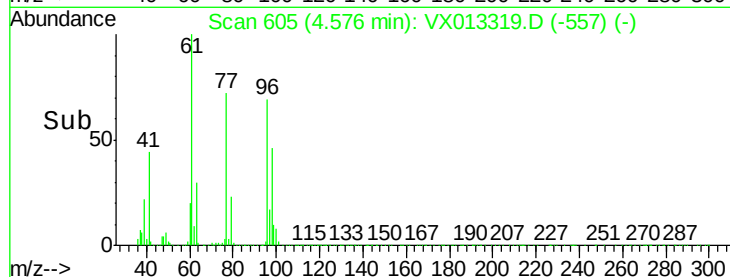
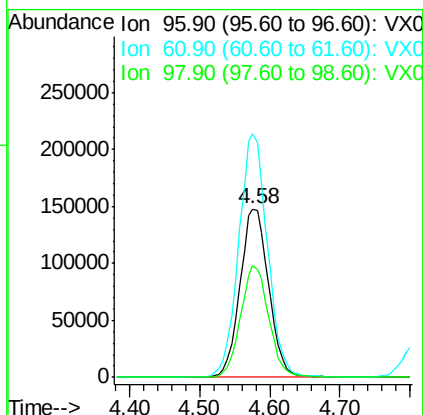
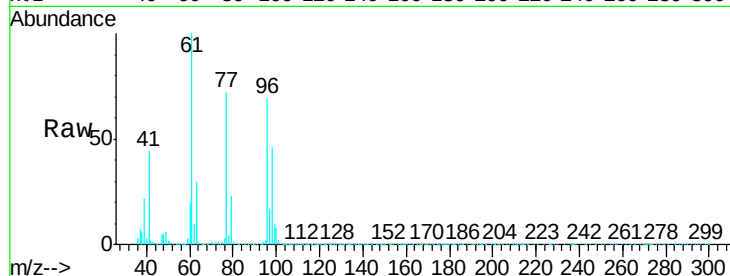


#27

cis-1,2-Dichloroethene
Concen: 49.626 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

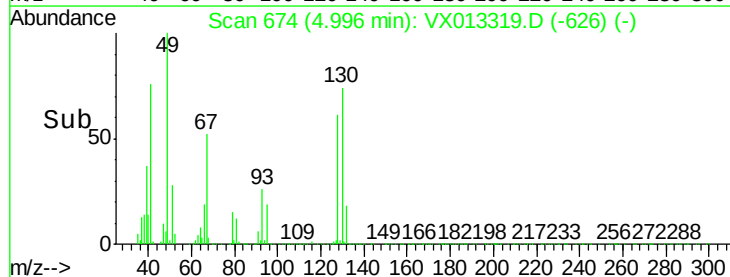
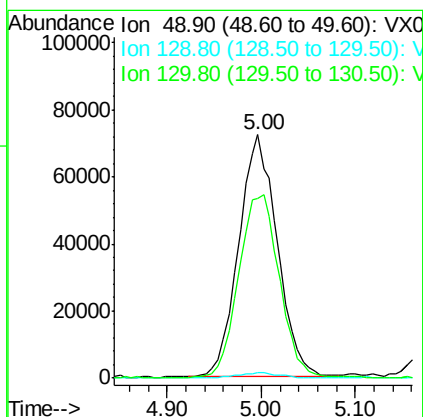
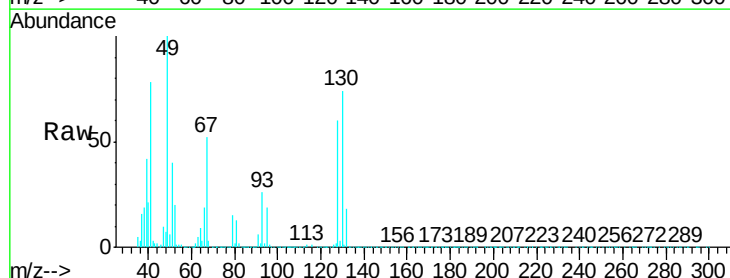
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	288.0
98	65.1	0.0	129.6

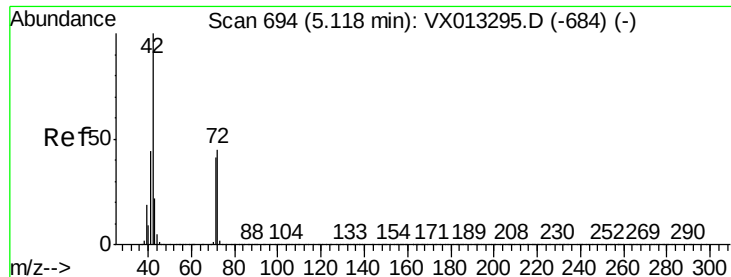


#28

Bromochloromethane
Concen: 53.486 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	79.7	63.8	95.6





#29

Tetrahydrofuran

Concen: 253.311 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

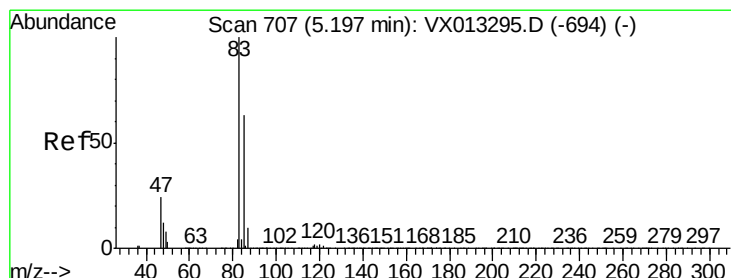
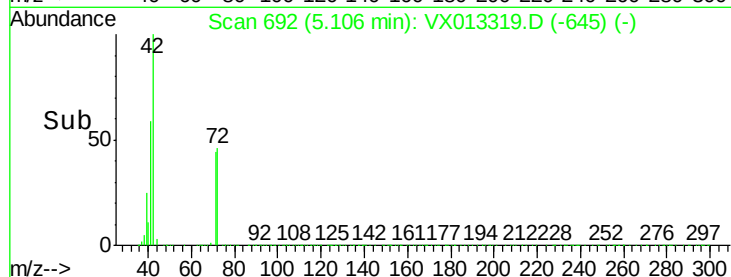
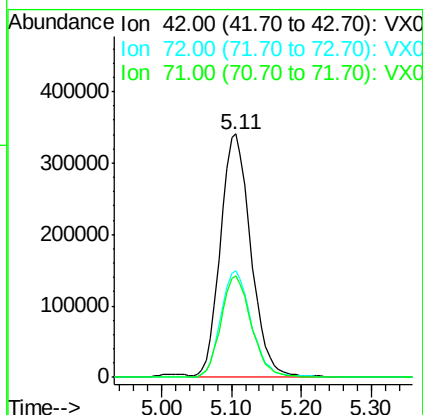
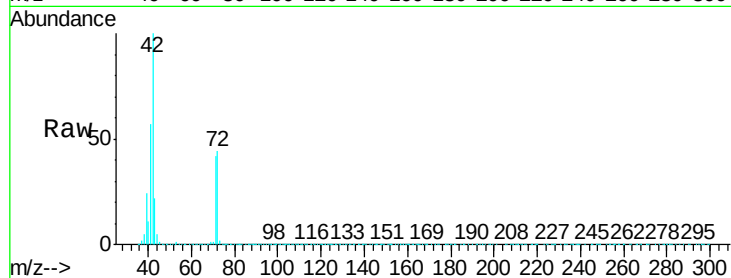
Tgt Ion: 42 Resp: 1025175

Ion Ratio Lower Upper

42 100

72 44.5 35.8 53.8

71 41.6 33.4 50.0



#30

Chloroform

Concen: 49.040 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013319.D

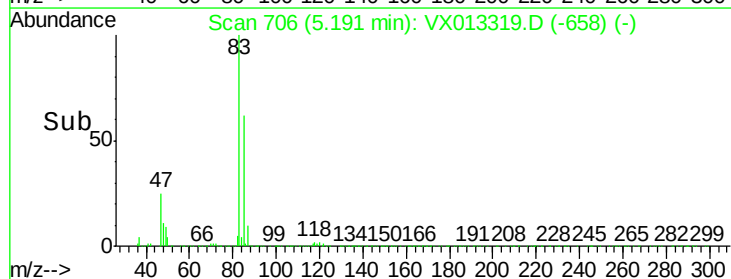
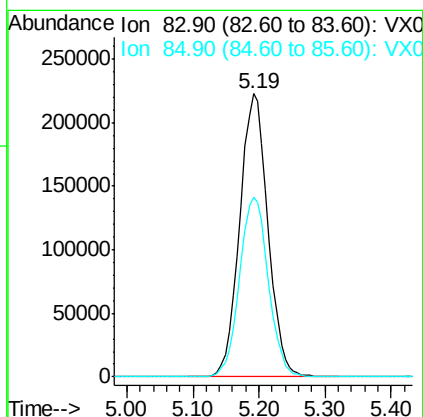
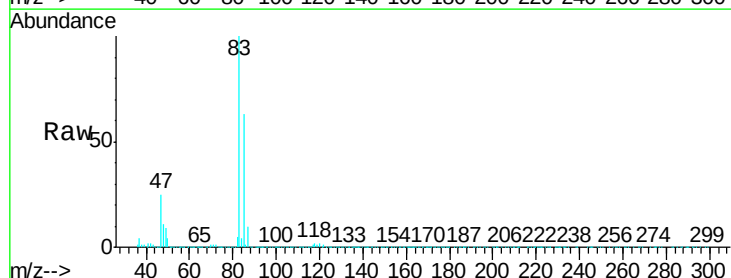
Acq: 04 Nov 2019 11:48

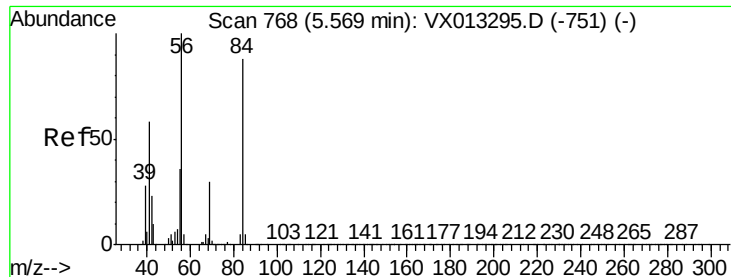
Tgt Ion: 83 Resp: 660339

Ion Ratio Lower Upper

83 100

85 63.4 50.2 75.4

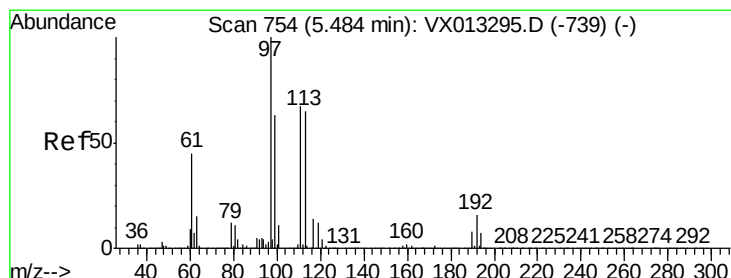
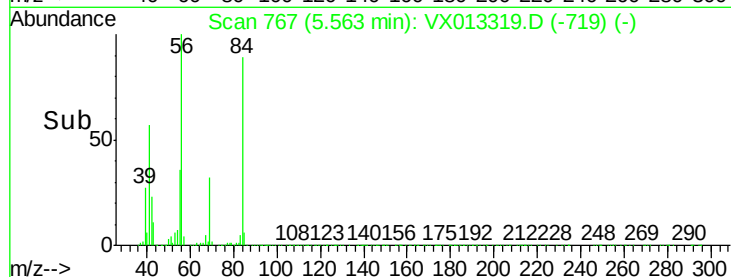
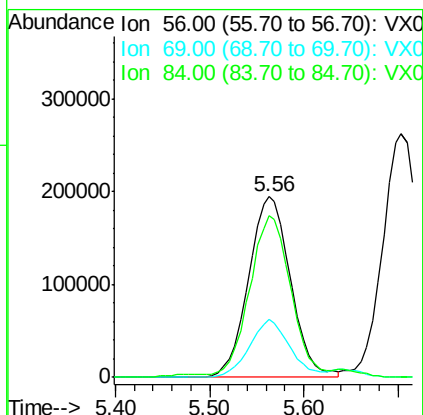
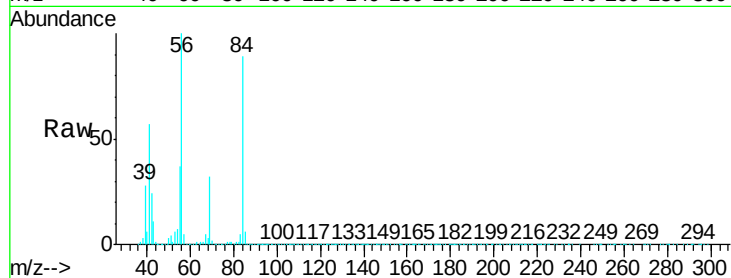




#31
Cyclohexane
Concen: 49.128 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

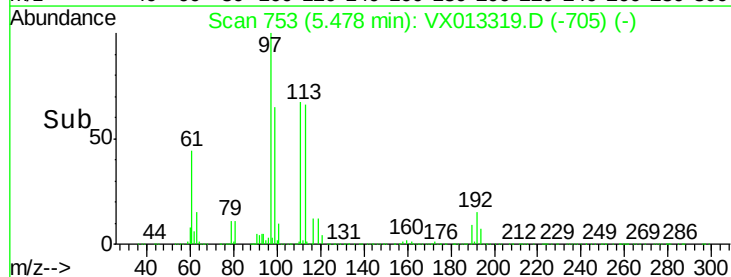
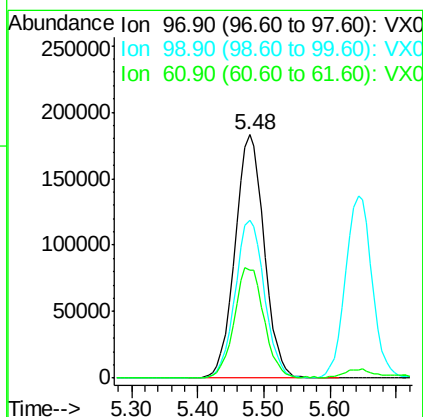
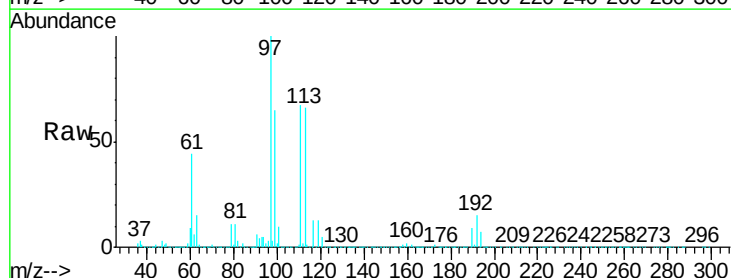
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

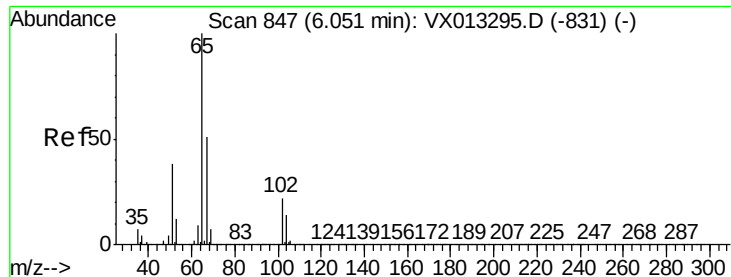
Tgt Ion: 56 Resp: 602835
Ion Ratio Lower Upper
56 100
69 32.0 23.7 35.5
84 88.0 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 48.151 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 97 Resp: 557986
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 46.0 36.5 54.7

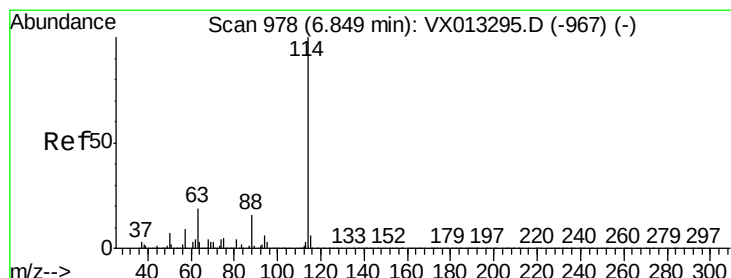
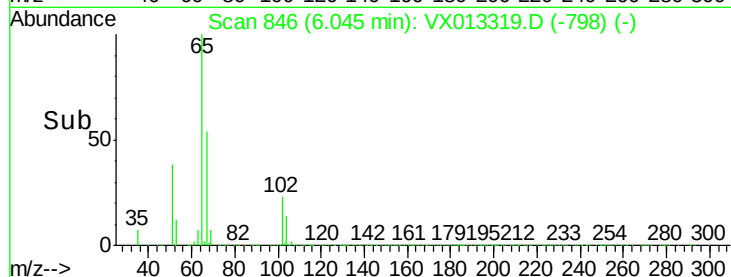
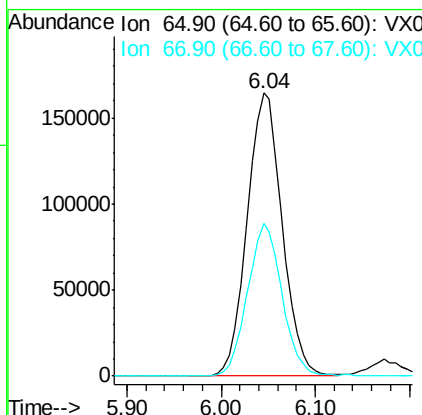
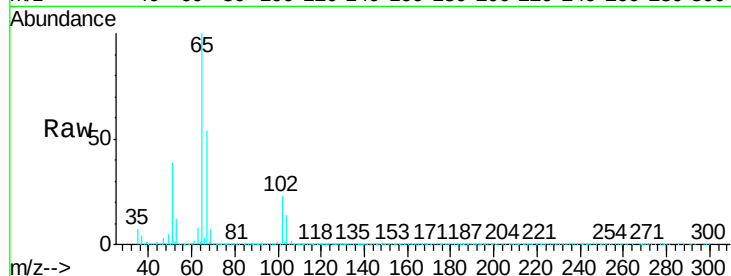




#33
 1,2-Dichloroethane-d4
 Concen: 47.699 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

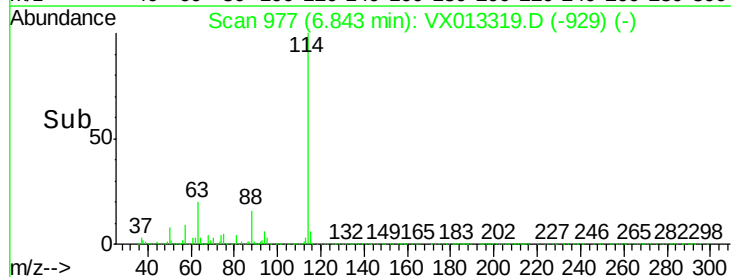
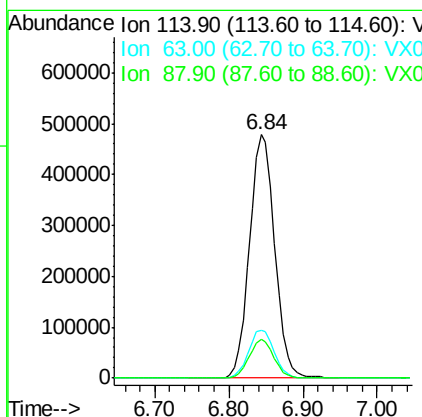
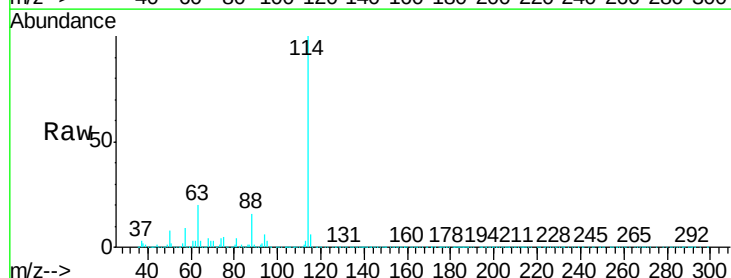
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

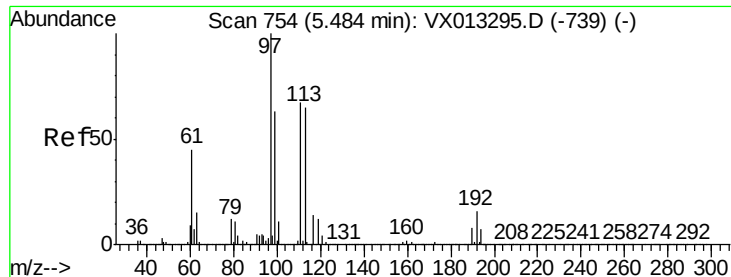
Tgt Ion: 65 Resp: 428106
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

Tgt Ion: 114 Resp: 1136882
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 16.0 0.0 32.2

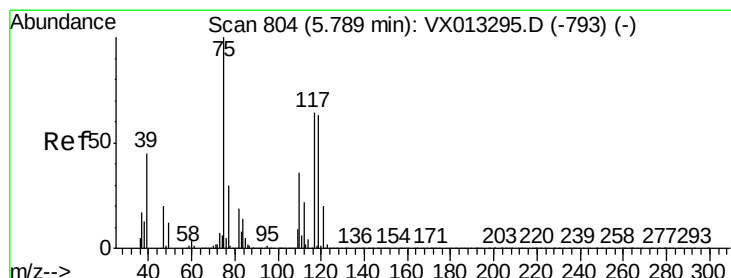
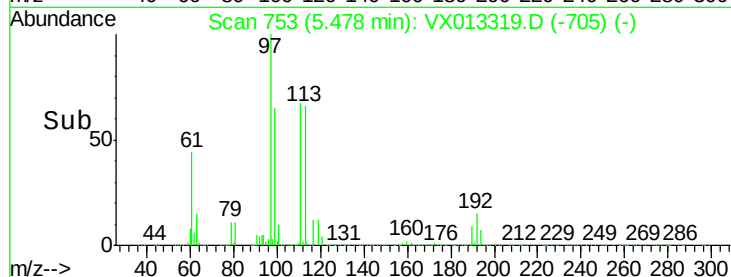
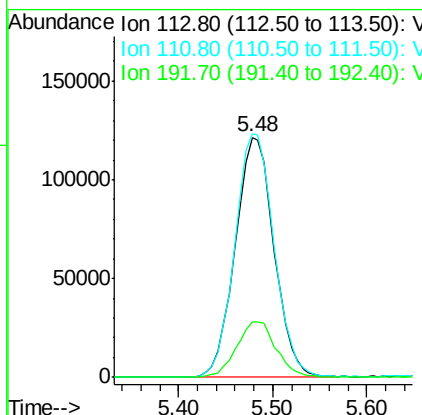
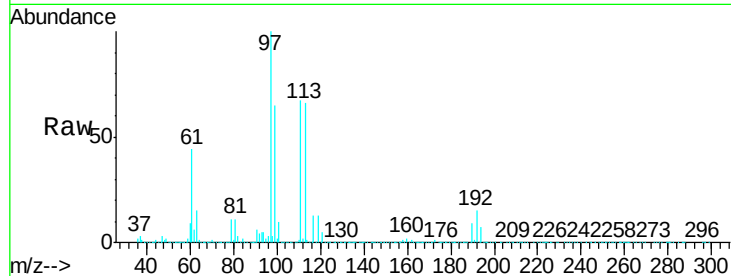




#35
Dibromofluoromethane
Concen: 49.005 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

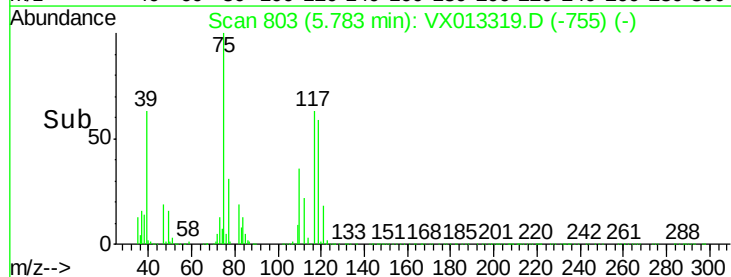
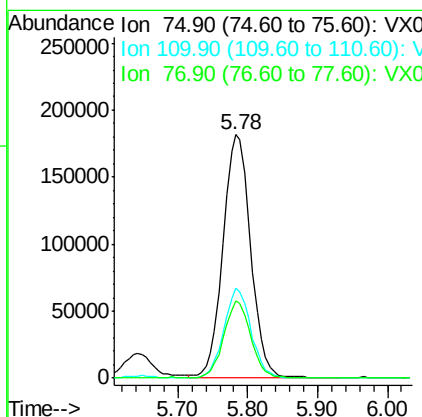
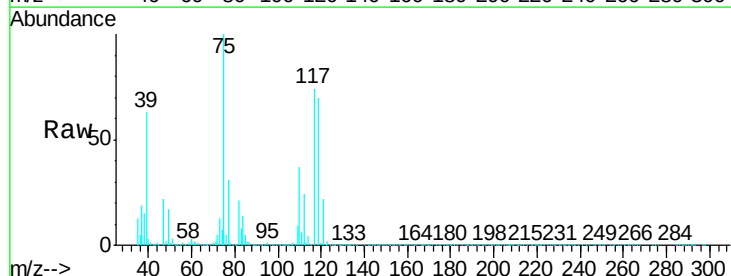
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

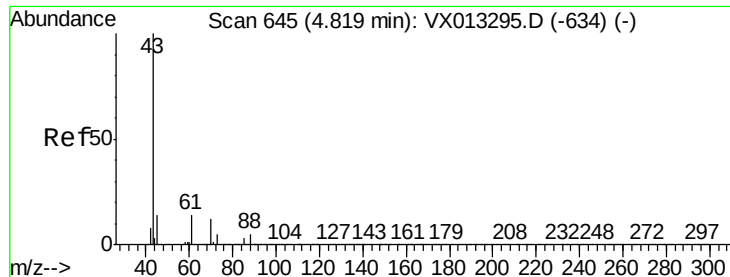
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	23.4	19.1	28.7



#36
1,1-Dichloropropene
Concen: 50.775 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.1	54.1
77	30.4	25.0	37.4

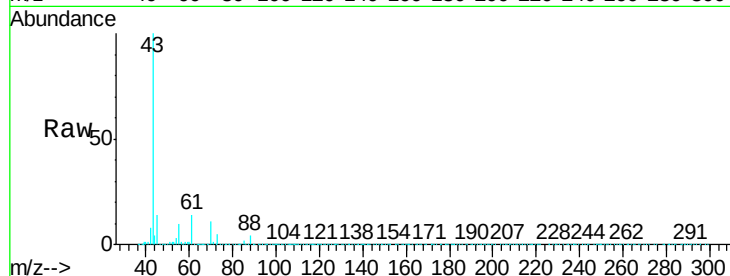




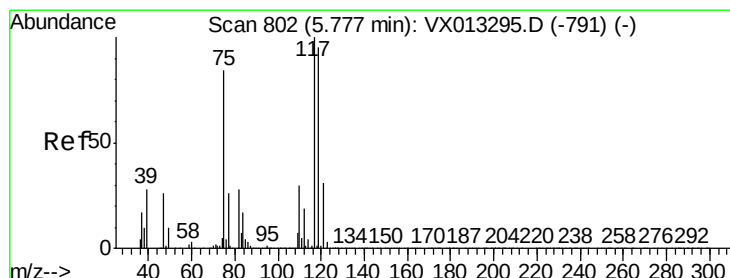
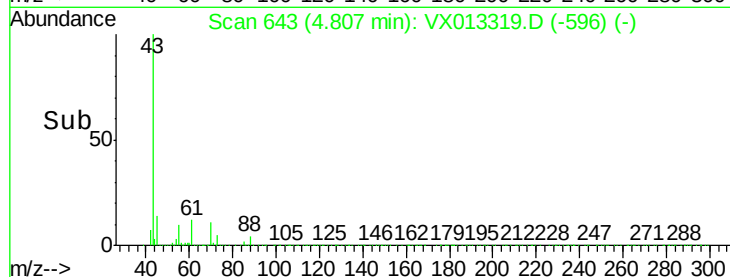
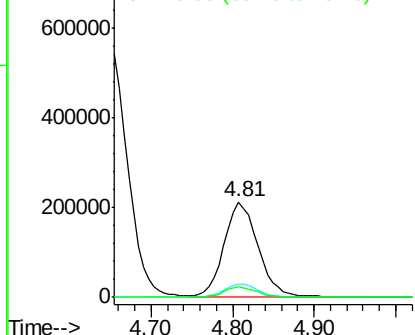
#37
Ethyl Acetate
Concen: 50.468 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.4	8.7	13.1

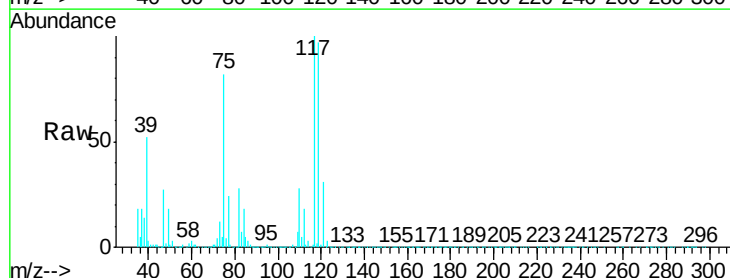


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

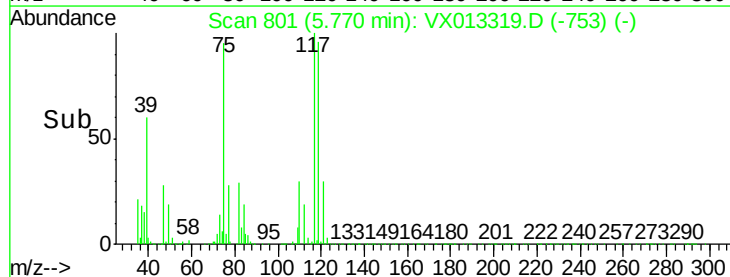
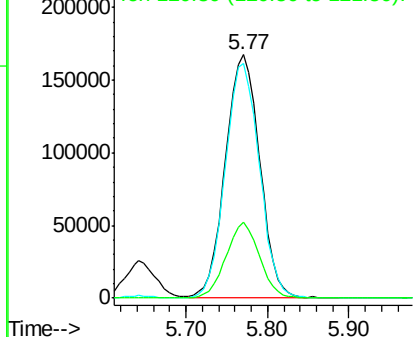


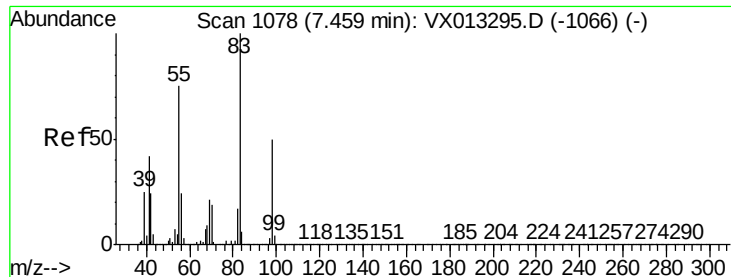
#38
Carbon Tetrachloride
Concen: 51.031 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.1	114.1
121	30.9	24.6	37.0



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

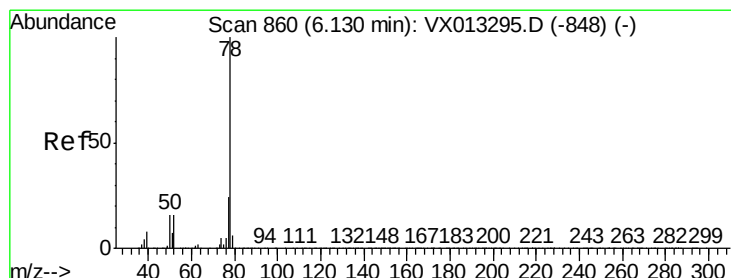
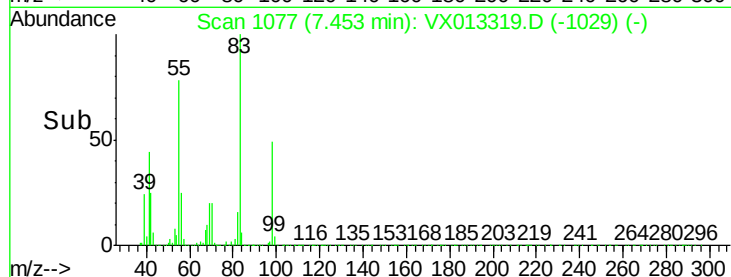
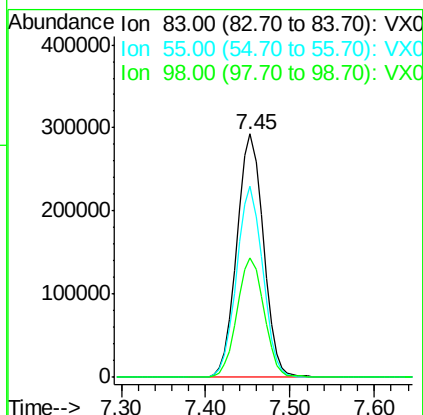
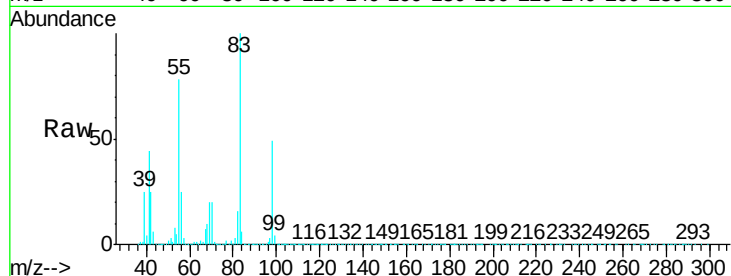




#39
Methylcyclohexane
Concen: 51.190 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

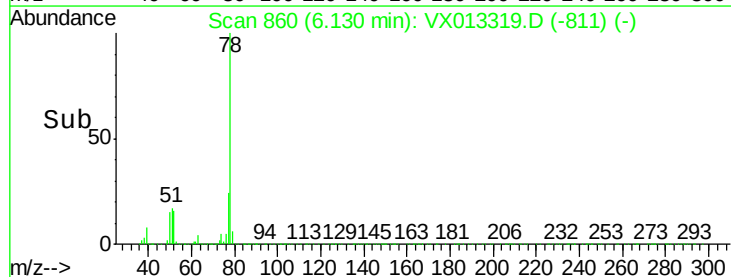
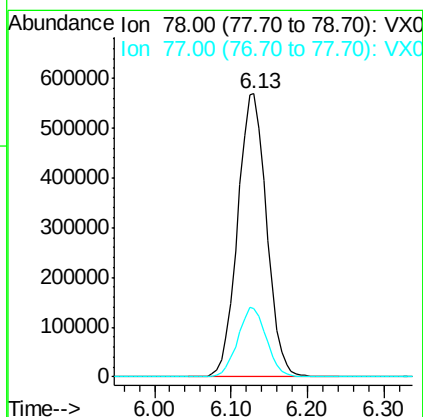
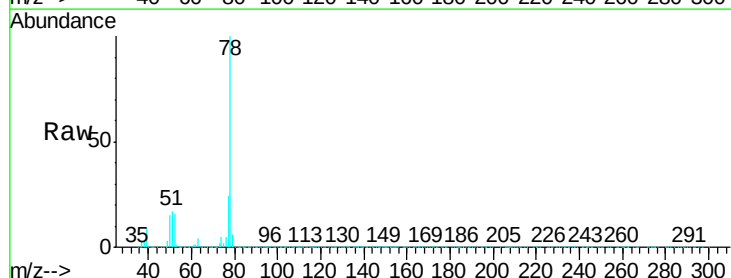
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

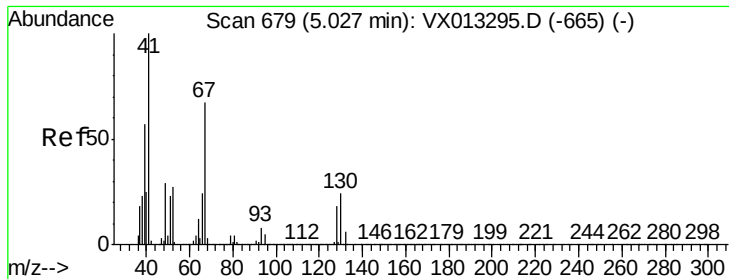
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.3	90.5
98	48.9	40.3	60.5



#40
Benzene
Concen: 49.128 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3

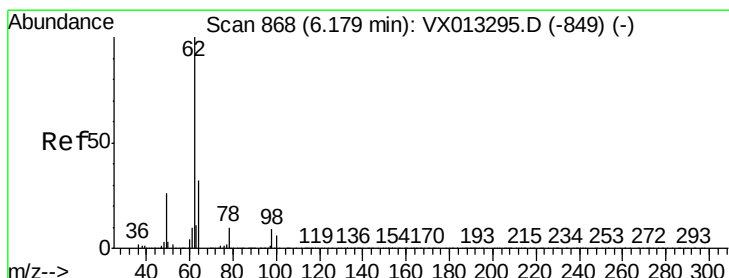
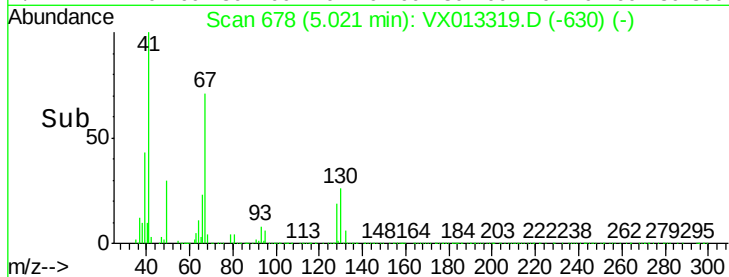
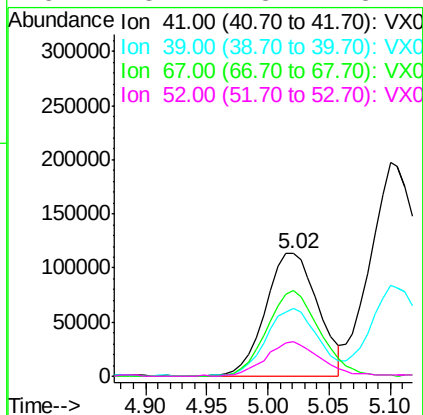
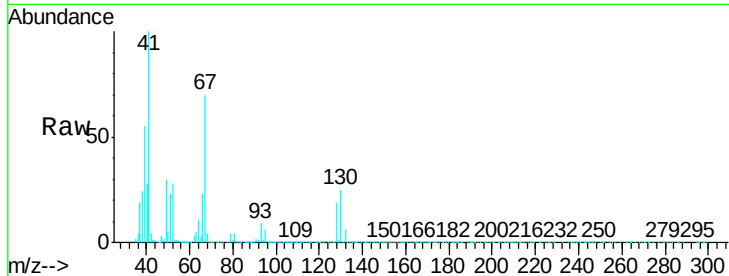




#41
Methacrylonitrile
Concen: 49.949 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

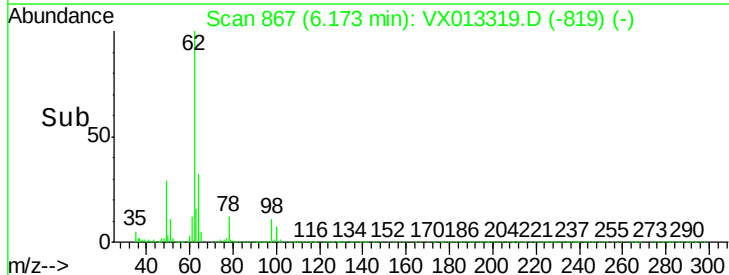
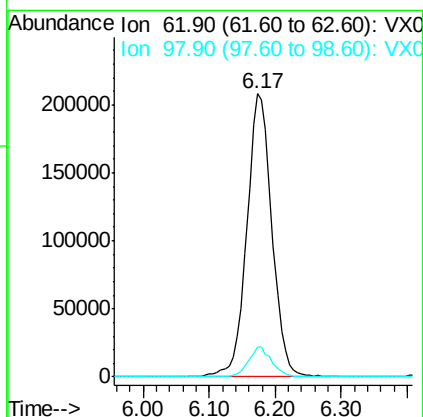
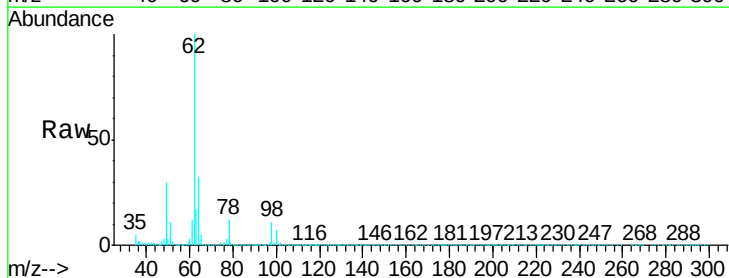
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

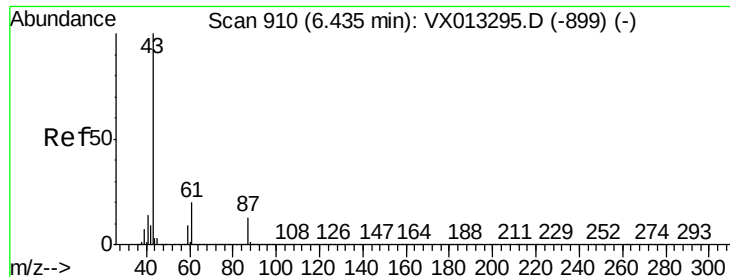
Tgt Ion:	41	Resp:	337398
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.0	67.6
67	70.5	55.4	83.2
52	28.4	23.1	34.7



#42
1,2-Dichloroethane
Concen: 49.898 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion:	62	Resp:	546802
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





#43

Isopropyl Acetate

Concen: 52.670 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

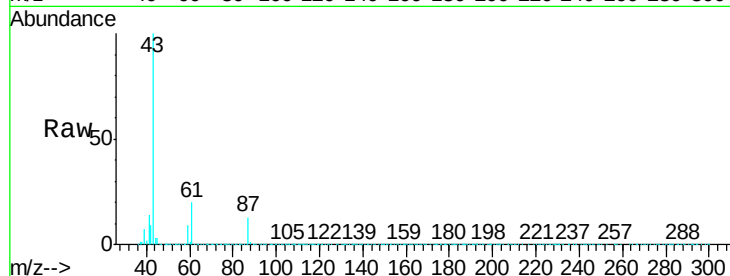
Tgt Ion: 43 Resp: 988422

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

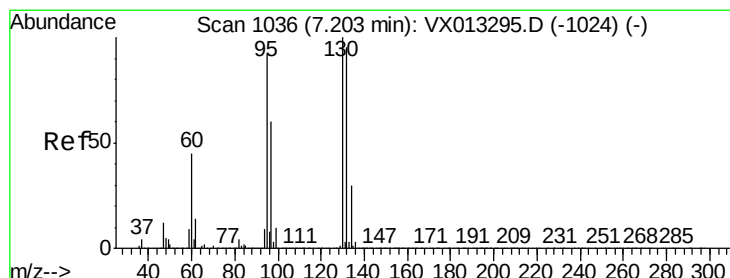
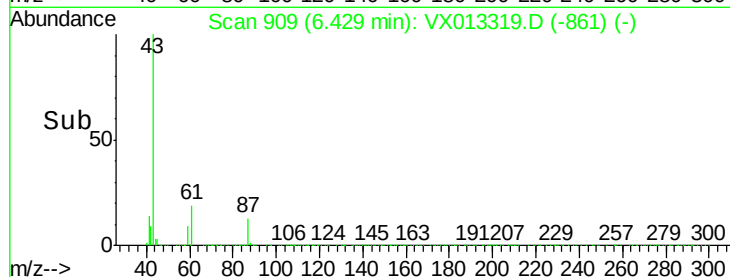
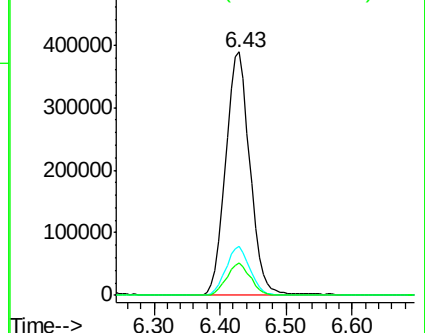
87 13.1 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.349 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013319.D

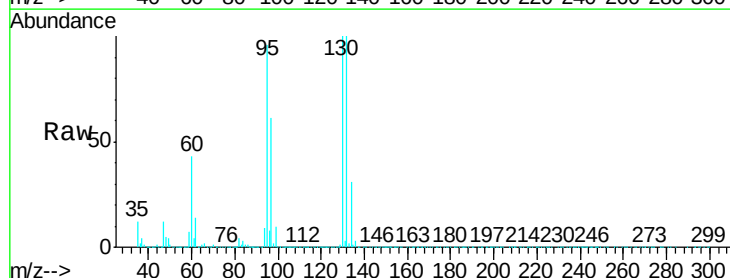
Acq: 04 Nov 2019 11:48

Tgt Ion: 130 Resp: 404326

Ion Ratio Lower Upper

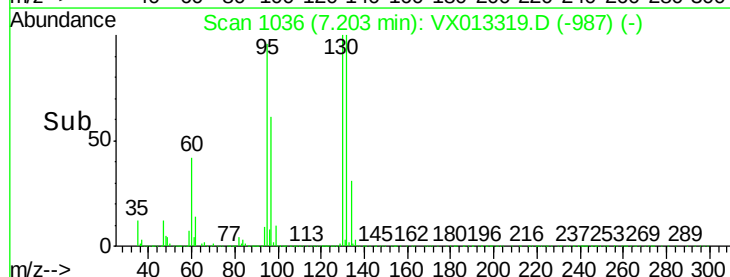
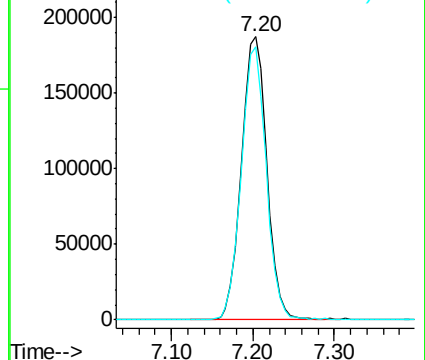
130 100

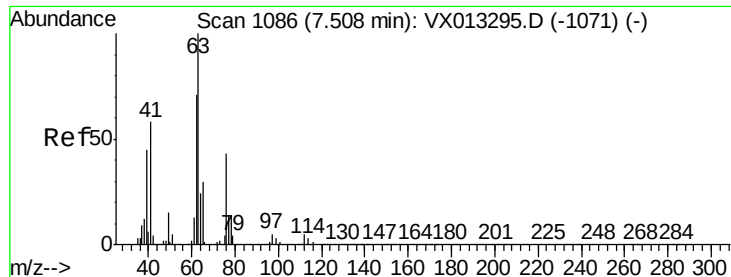
95 96.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

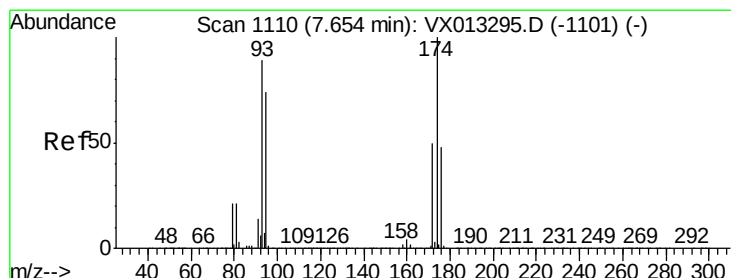
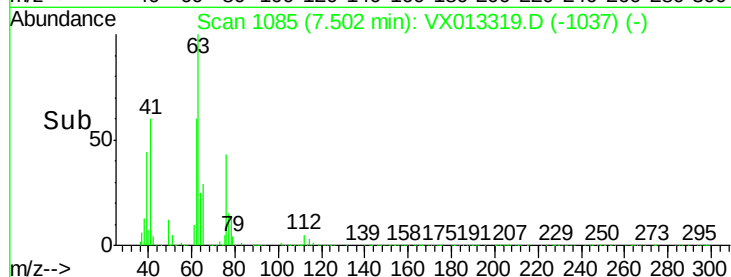
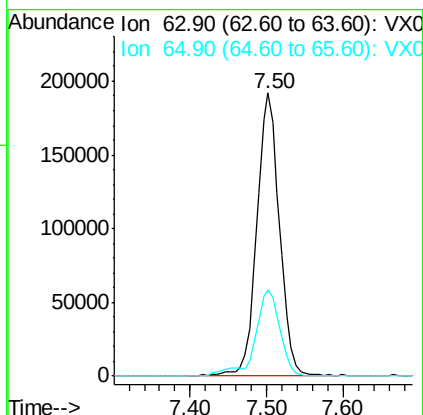
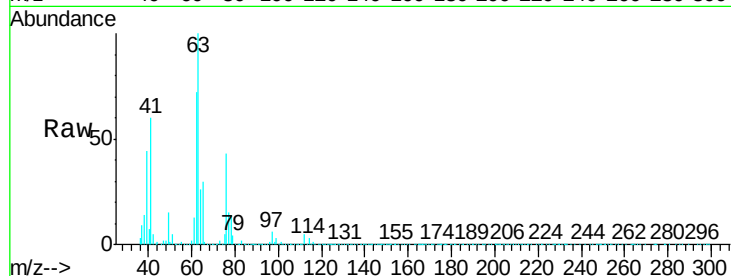




#45
 1,2-Dichloropropane
 Concen: 51.162 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

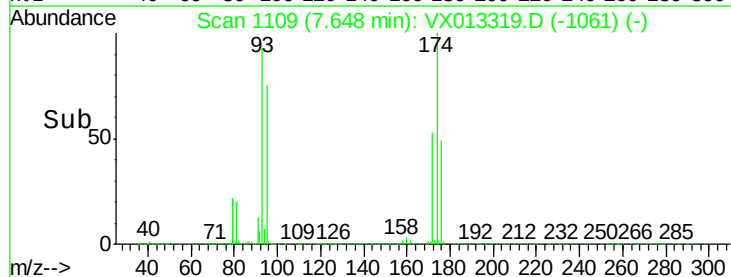
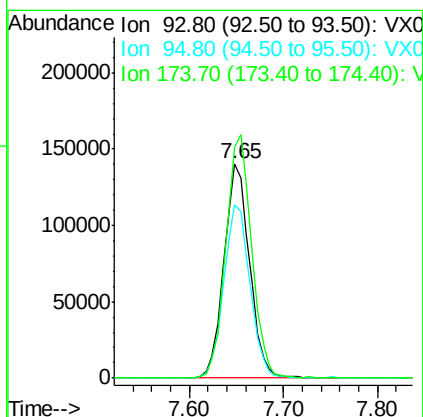
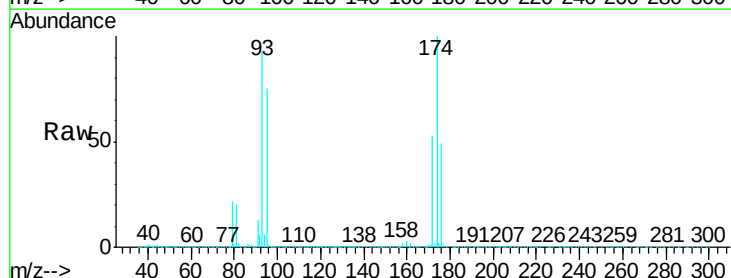
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

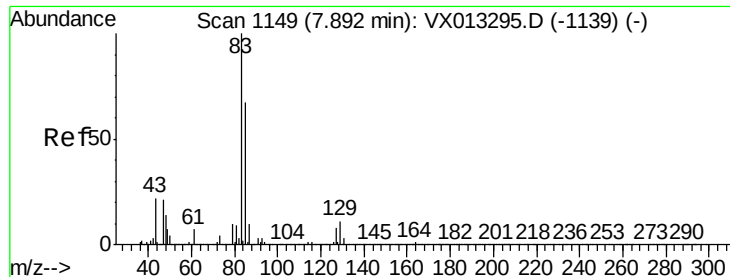
Tgt Ion: 63 Resp: 396036
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 50.188 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

Tgt Ion: 93 Resp: 265253
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.8 98.6
 174 114.7 90.4 135.6





#47

Bromodichloromethane

Concen: 52.455 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

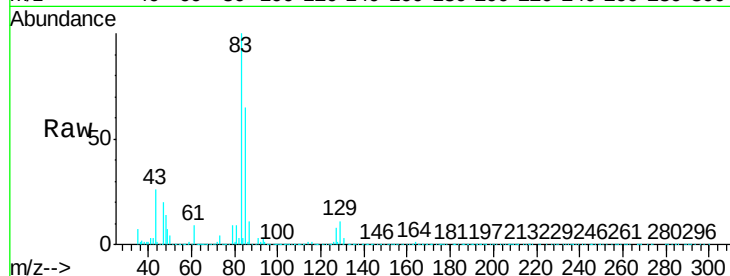
Tgt Ion: 83 Resp: 522789

Ion Ratio Lower Upper

83 100

85 64.5 53.7 80.5

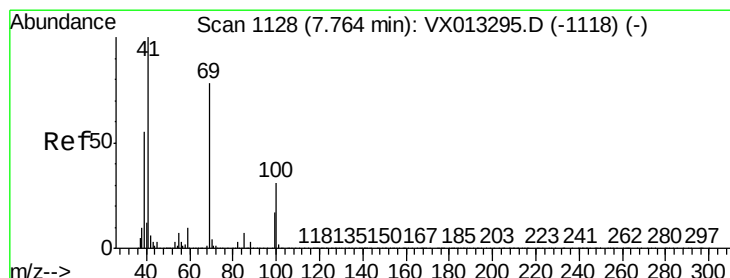
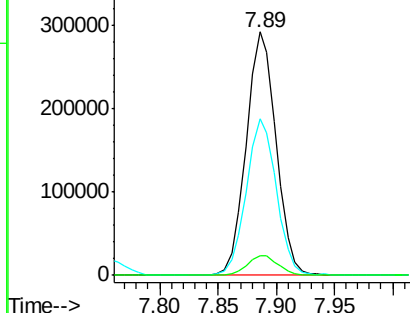
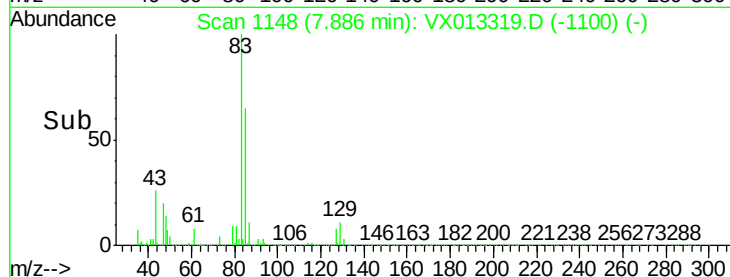
127 8.1 6.4 9.6



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: 52.320 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

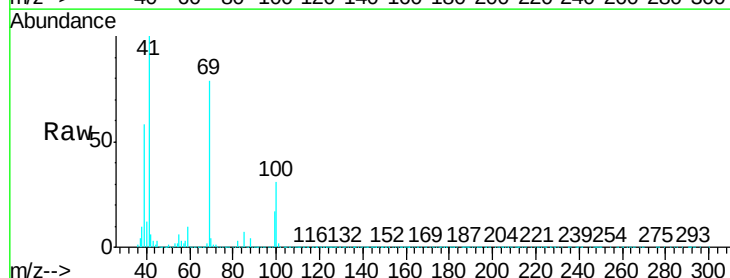
Tgt Ion: 41 Resp: 490115

Ion Ratio Lower Upper

41 100

69 80.9 63.0 94.6

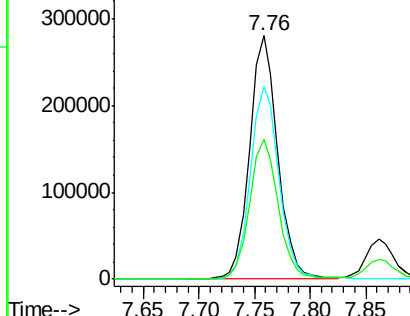
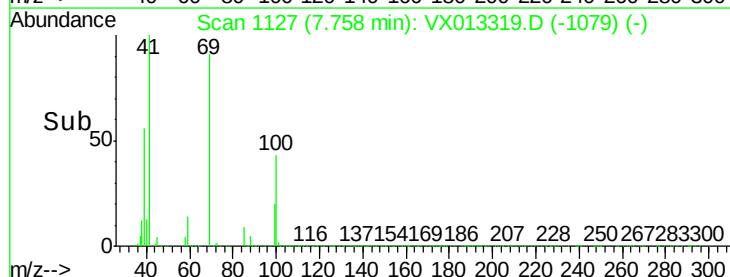
39 58.9 45.9 68.9

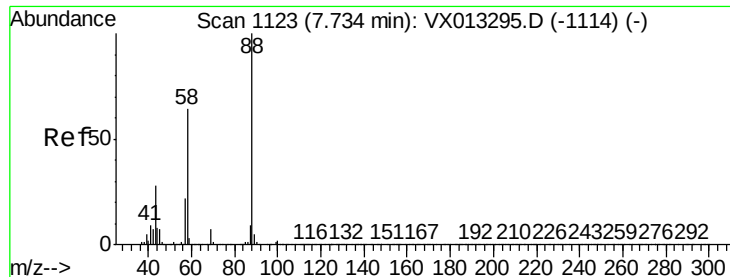


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 968.387 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

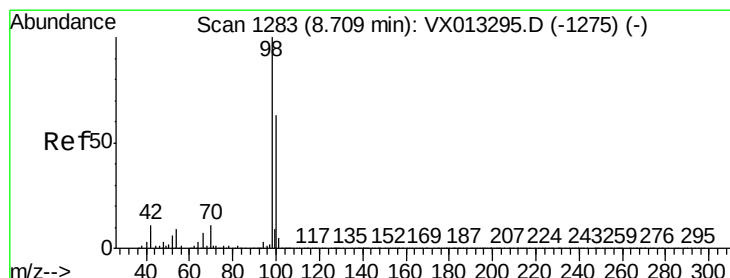
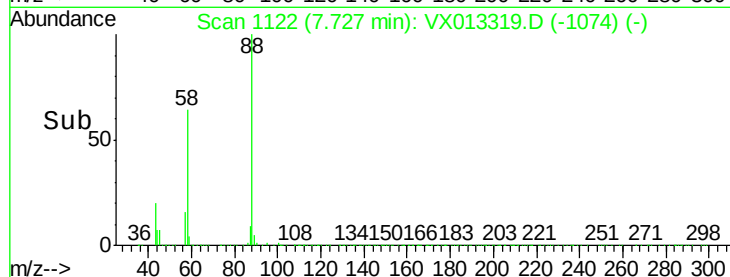
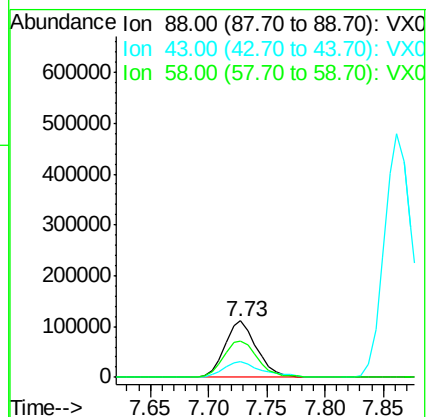
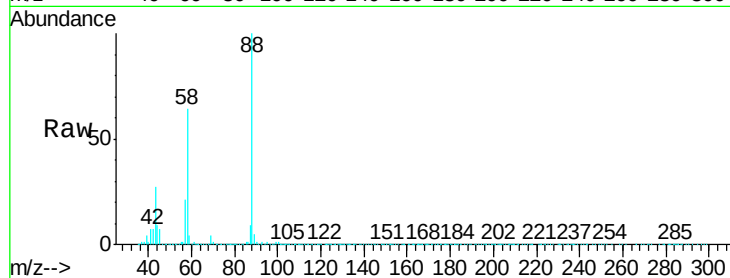
Tgt Ion: 88 Resp: 207749

Ion Ratio Lower Upper

88 100

43 32.7 26.6 39.8

58 69.4 55.0 82.6



#50

Toluene-d8

Concen: 49.499 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013319.D

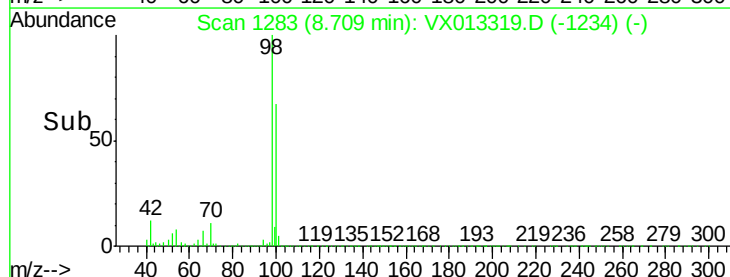
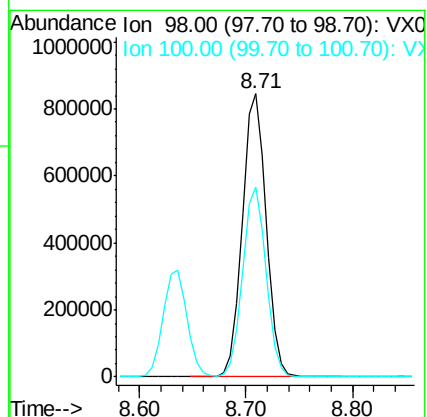
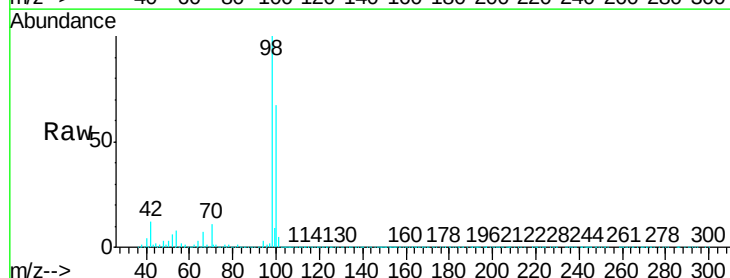
Acq: 04 Nov 2019 11:48

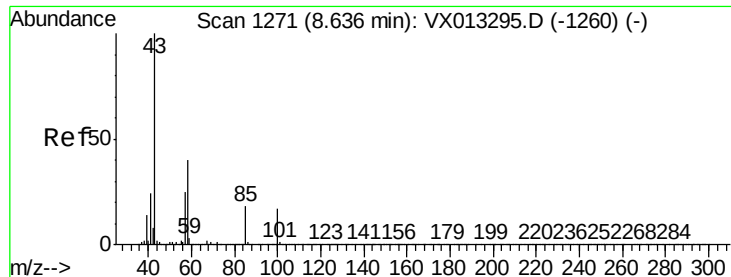
Tgt Ion: 98 Resp: 1330633

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2

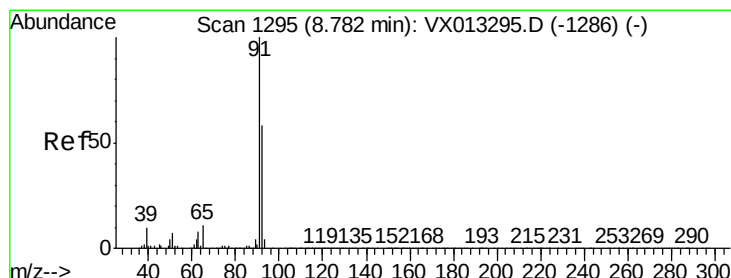
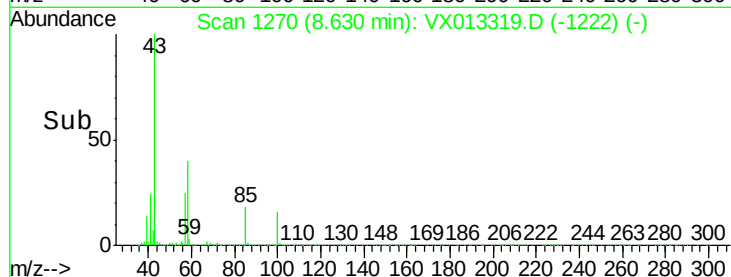
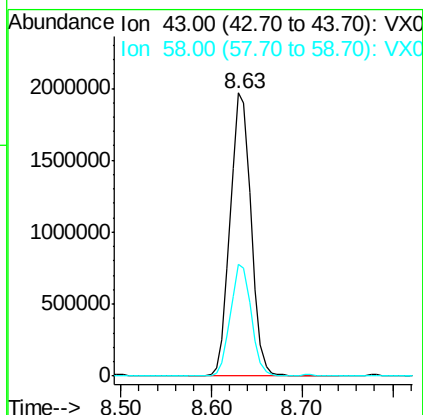
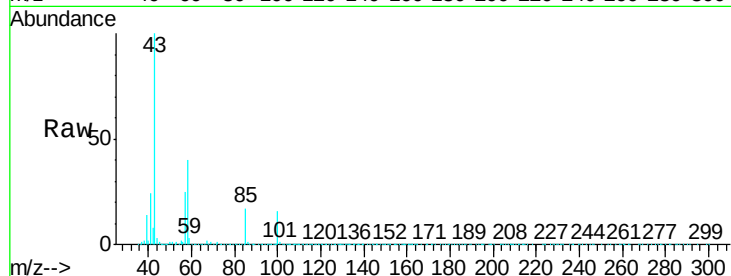




#51
 4-Methyl-2-Pentanone
 Concen: 255.803 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

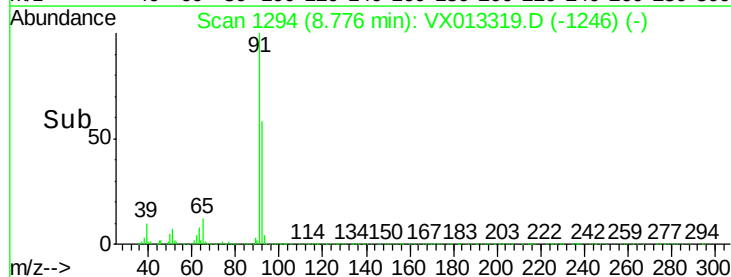
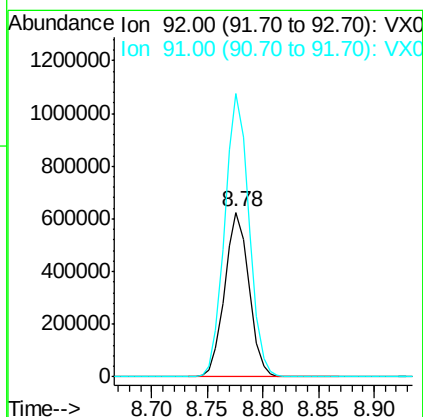
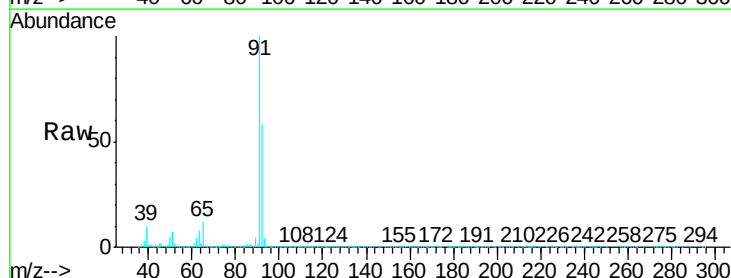
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

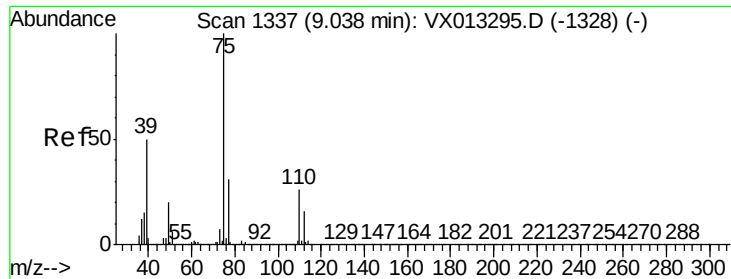
Tgt Ion: 43 Resp: 3149529
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.4 47.0



#52
 Toluene
 Concen: 50.003 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

Tgt Ion: 92 Resp: 941544
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.0 207.0

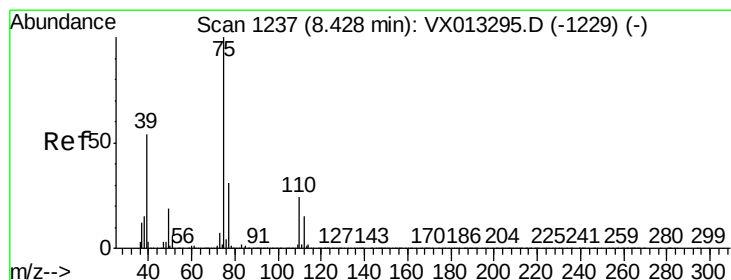
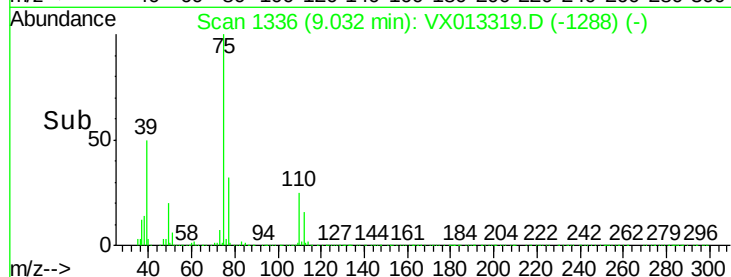
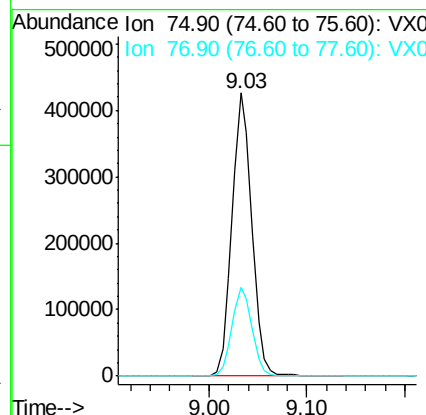
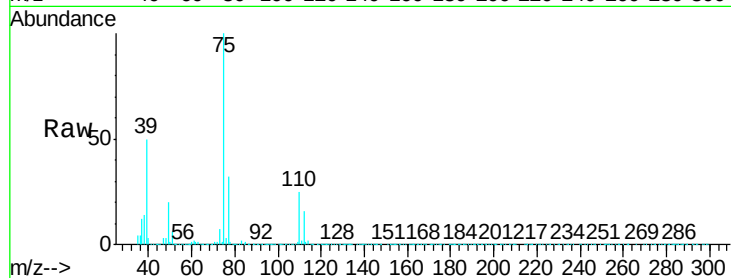




#53
t-1,3-Dichloropropene
Concen: 55.083 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

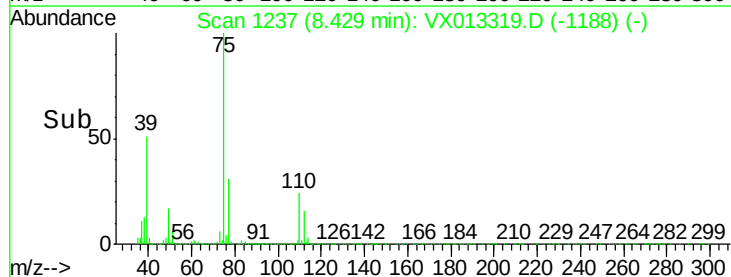
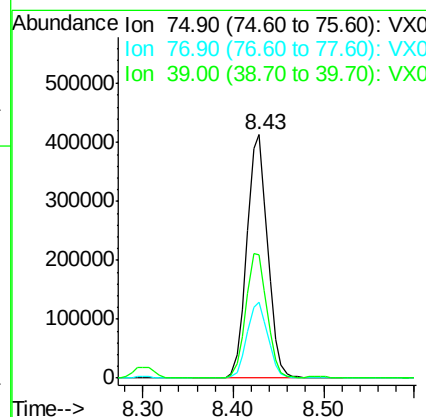
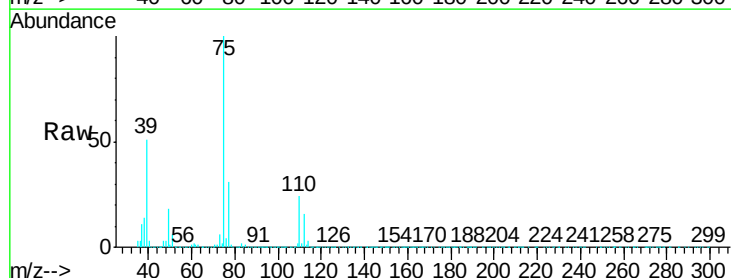
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

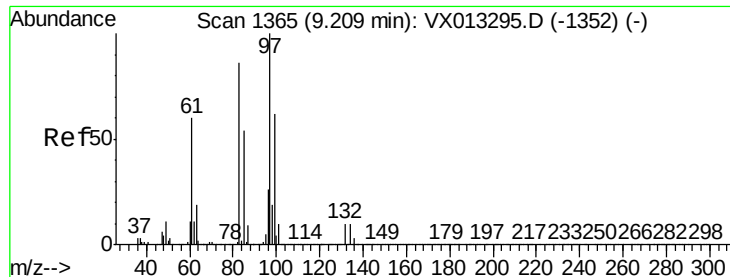
Tgt Ion: 75 Resp: 600299
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 53.760 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 75 Resp: 655377
Ion Ratio Lower Upper
75 100
77 31.1 24.7 37.1
39 50.6 43.0 64.6

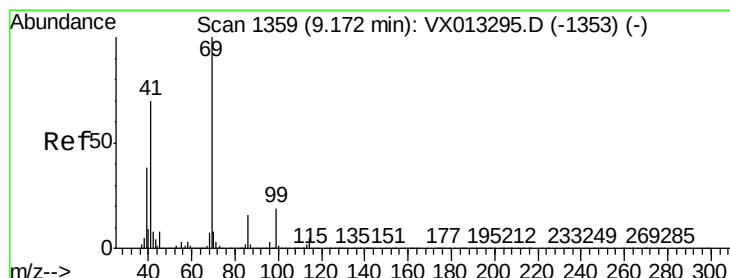
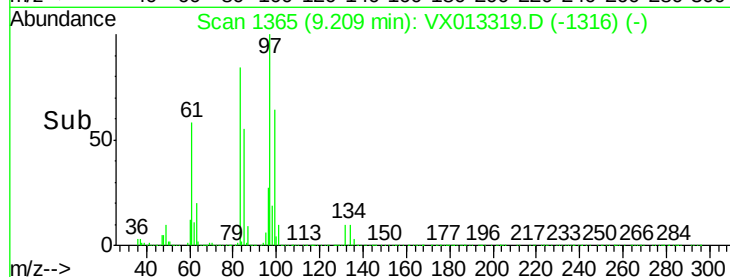
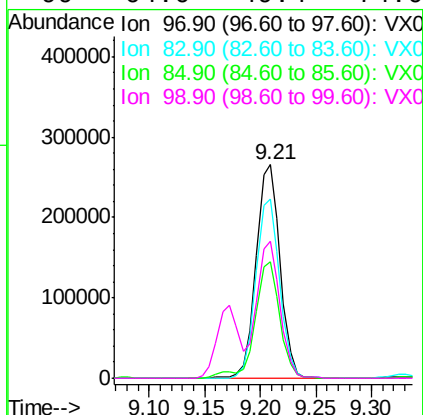
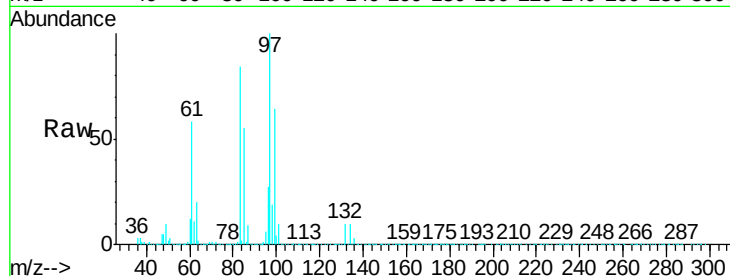




#55
 1,1,2-Trichloroethane
 Concen: 51.157 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

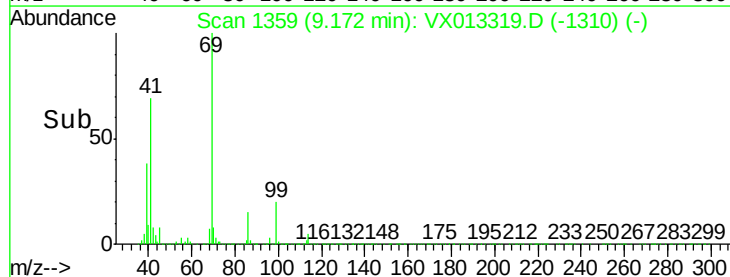
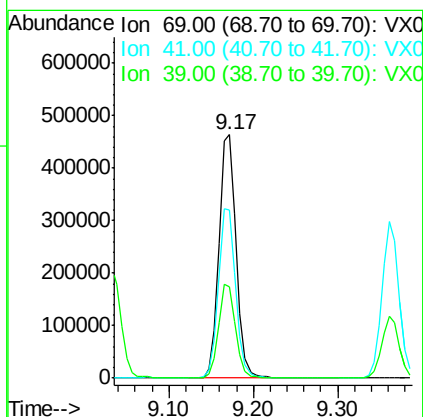
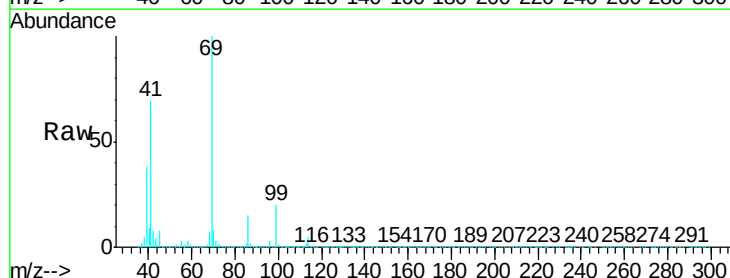
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

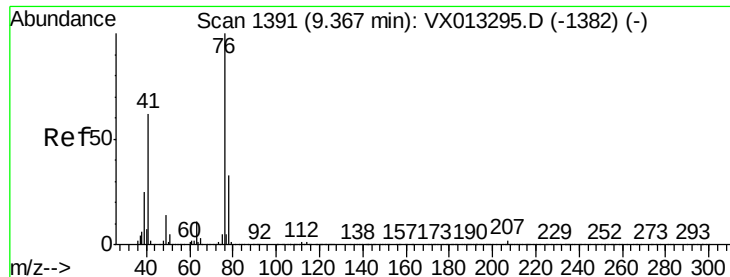
Tgt Ion:	97	Resp:	399264
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.6	103.0
85	54.7	43.1	64.7
99	64.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 49.342 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

Tgt Ion:	69	Resp:	657152
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.2	84.2
39	37.7	31.1	46.7





#57

1,3-Dichloropropane

Concen: 50.132 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

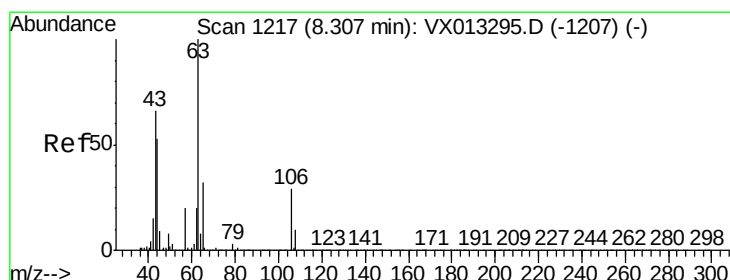
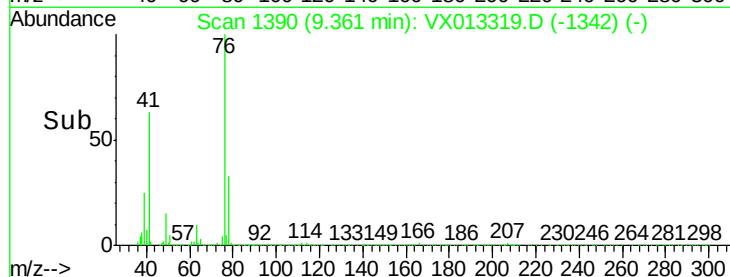
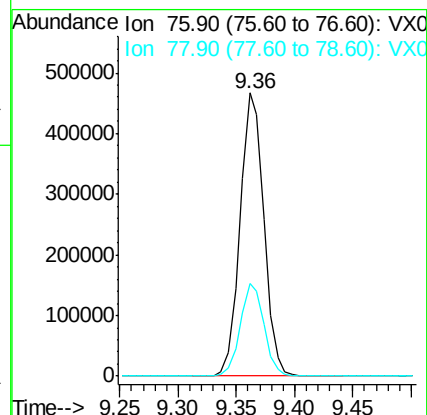
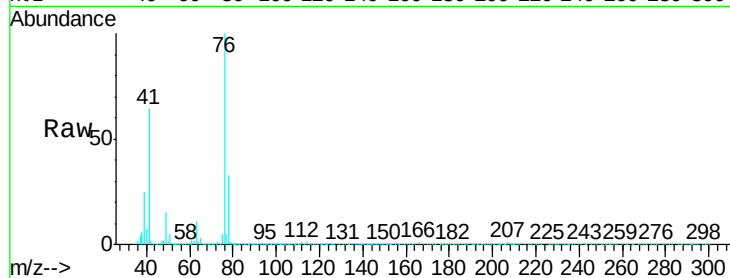
VSTDCCC050

Tgt Ion: 76 Resp: 664178

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 261.646 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013319.D

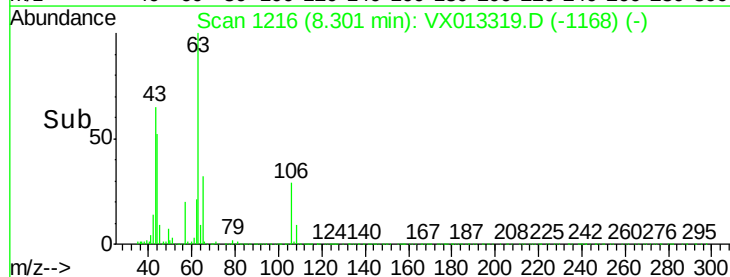
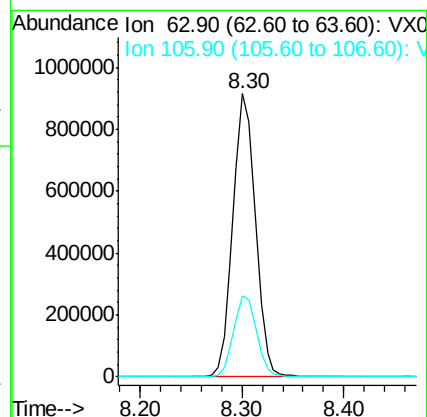
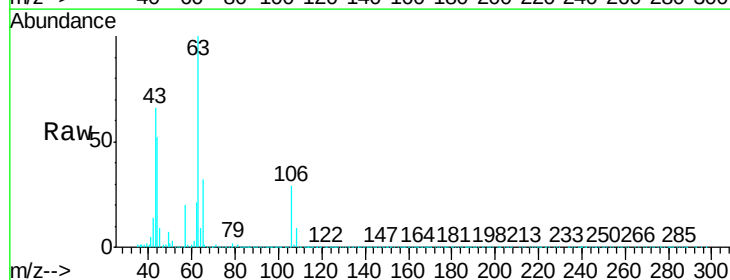
Acq: 04 Nov 2019 11:48

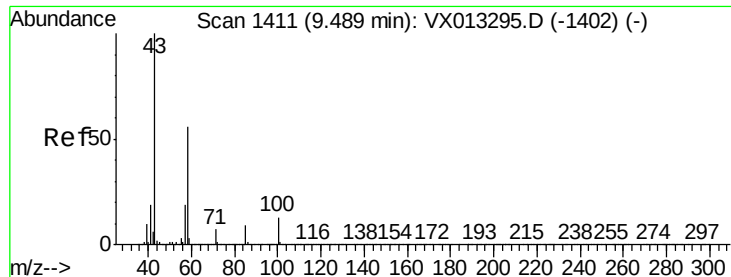
Tgt Ion: 63 Resp: 1396256

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2

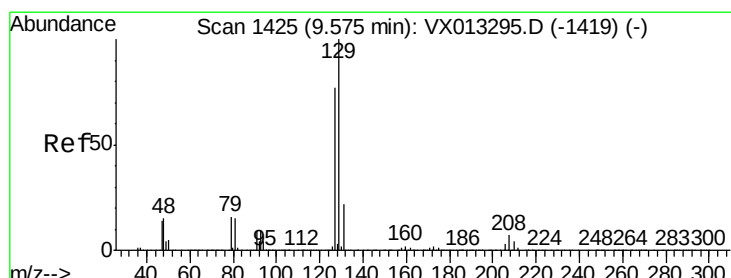
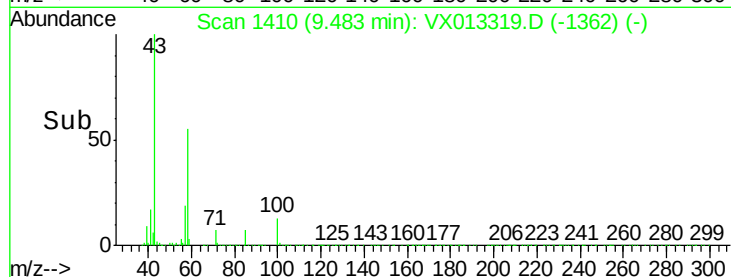
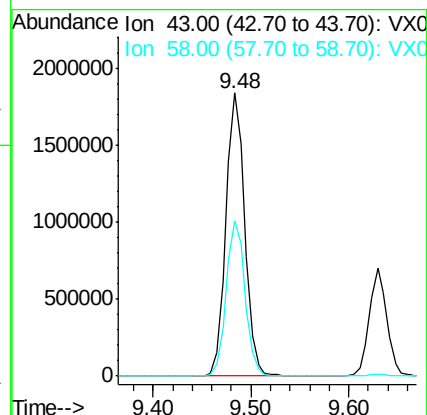
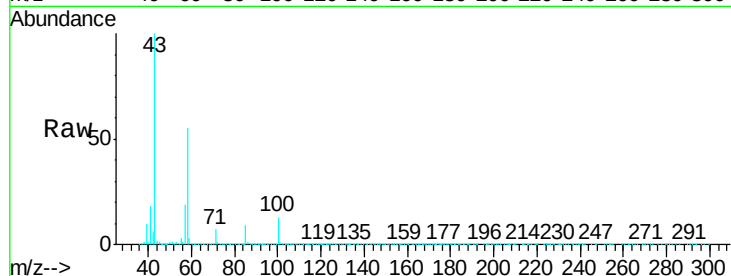




#59
2-Hexanone
Concen: 258.840 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

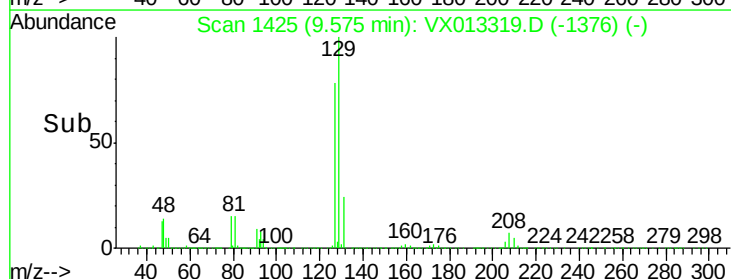
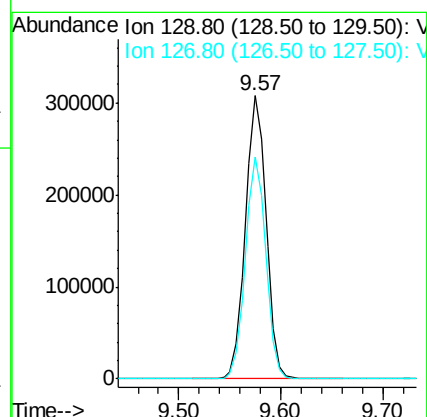
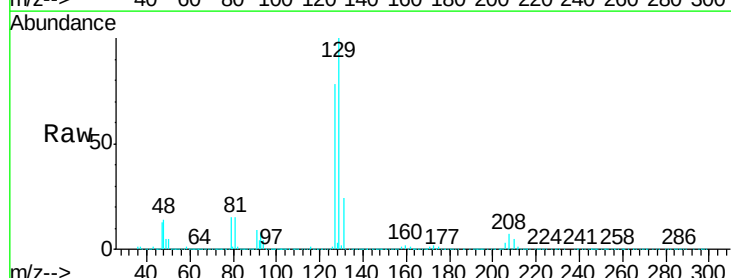
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

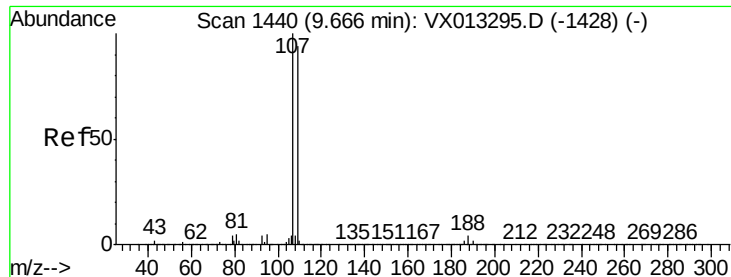
Tgt Ion: 43 Resp: 2462784
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 53.974 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 129 Resp: 430824
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

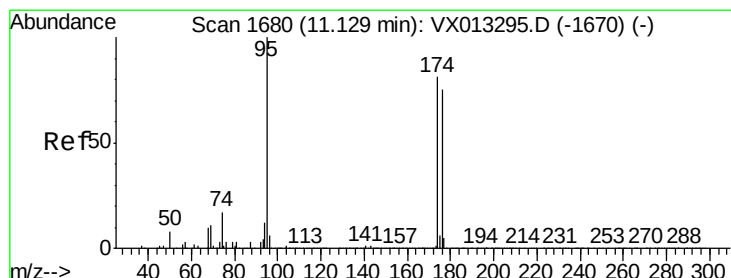
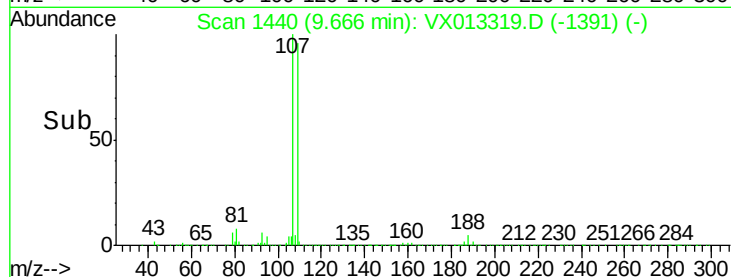
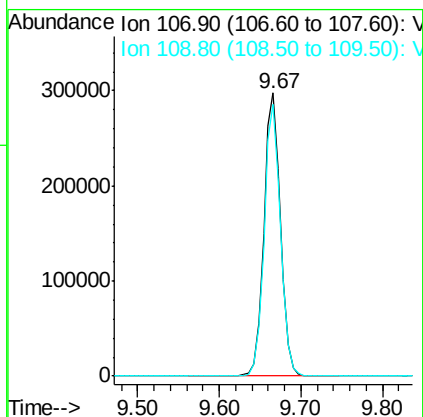
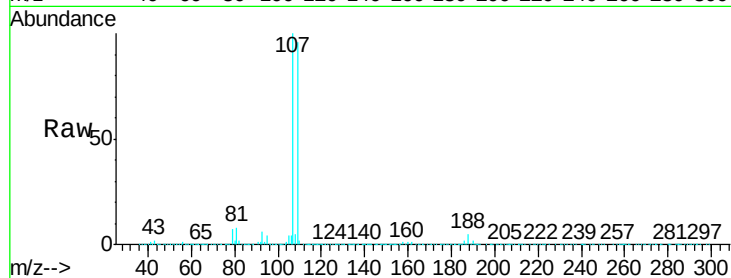




#61
 1,2-Dibromoethane
 Concen: 50.936 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

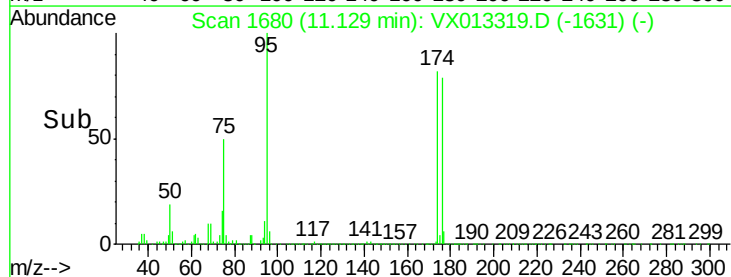
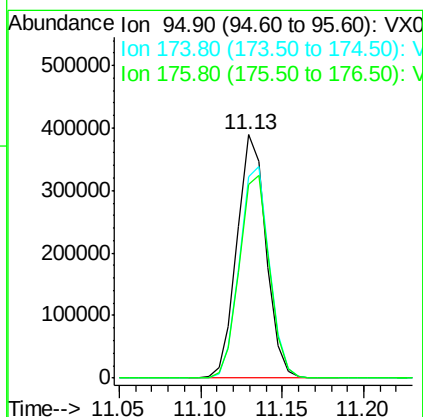
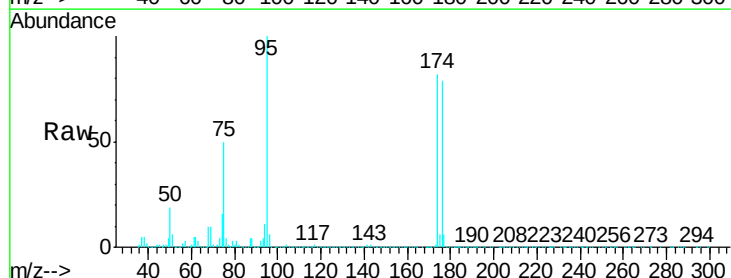
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

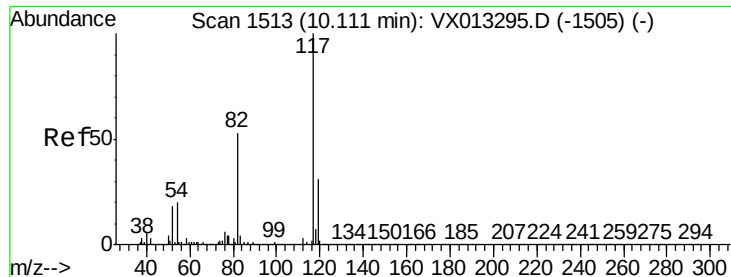
Tgt Ion: 107 Resp: 422134
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.834 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

Tgt Ion: 95 Resp: 483479
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 179.8
 176 86.6 0.0 173.0

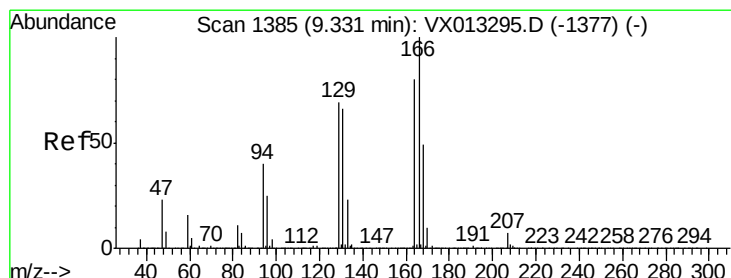
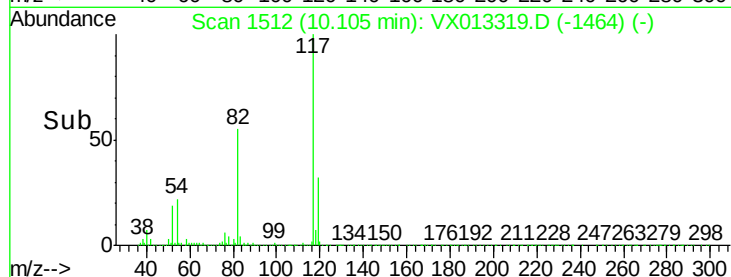
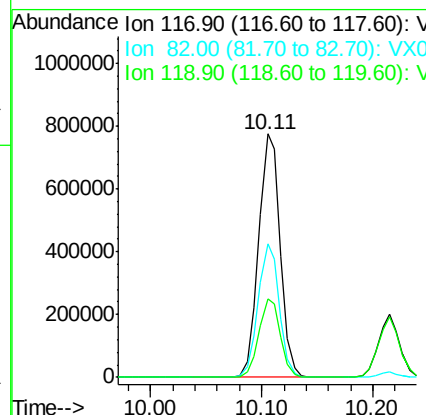
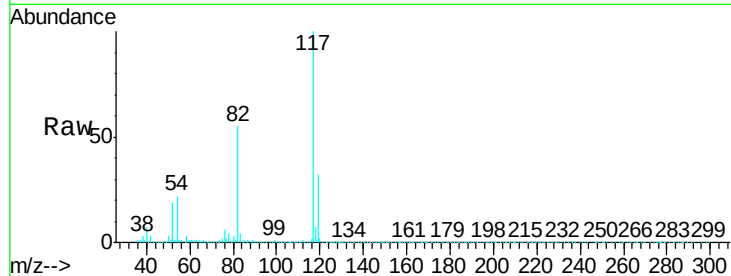




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

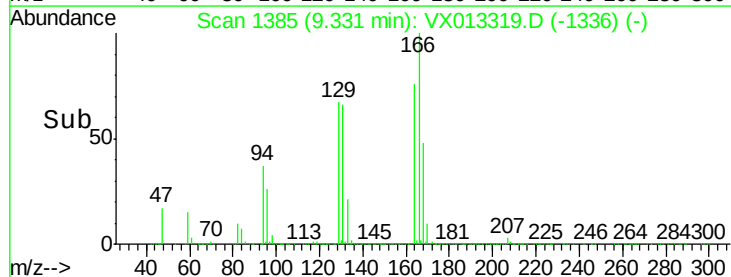
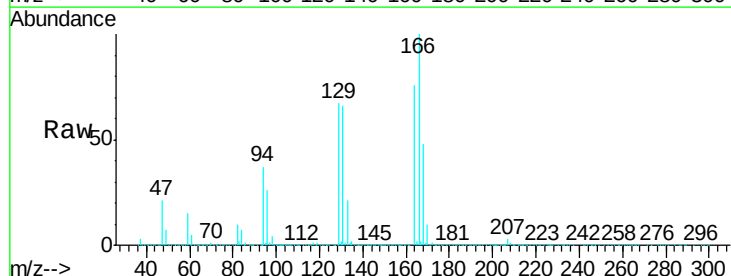
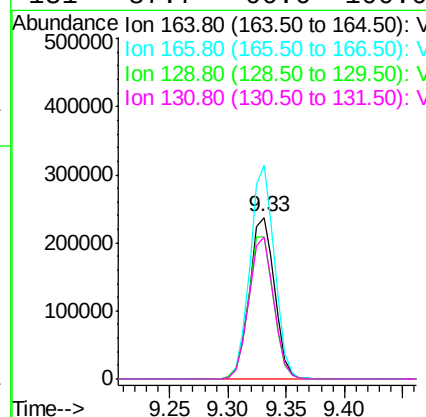
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

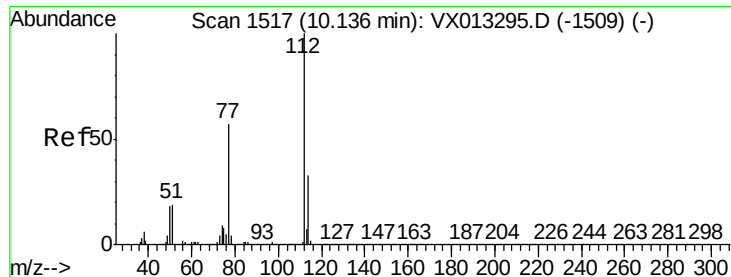
Tgt Ion:117 Resp: 1045022
Ion Ratio Lower Upper
117 100
82 54.7 42.6 64.0
119 32.3 24.8 37.2



#64
Tetrachloroethene
Concen: 47.993 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion:164 Resp: 359037
Ion Ratio Lower Upper
164 100
166 132.3 100.4 150.6
129 88.3 69.4 104.2
131 87.7 66.6 100.0

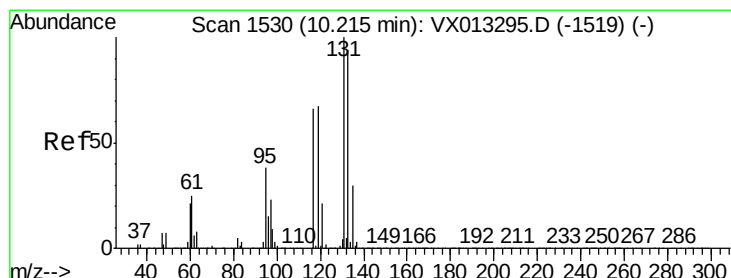
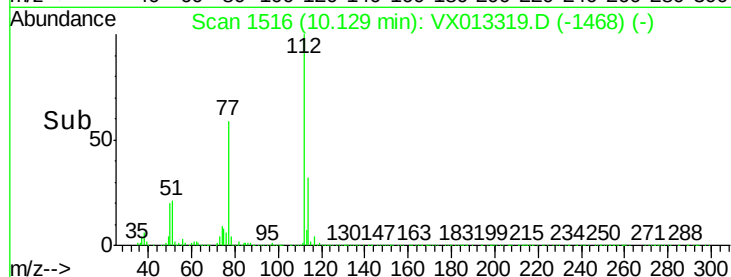
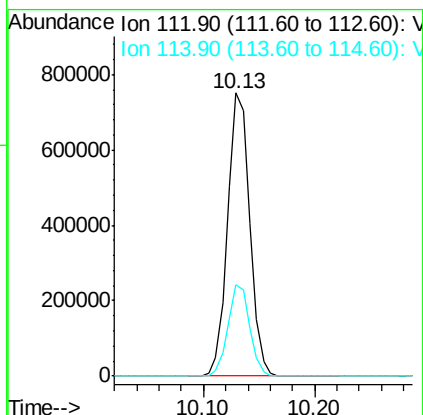
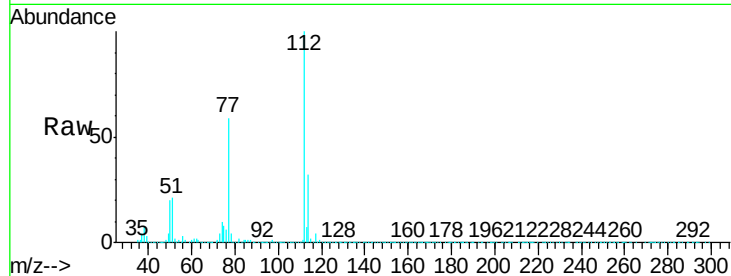




#65
Chlorobenzene
Concen: 48.752 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

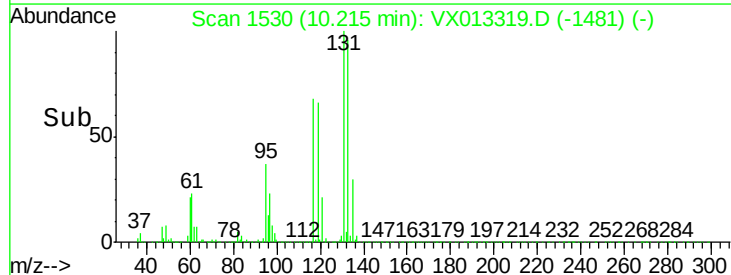
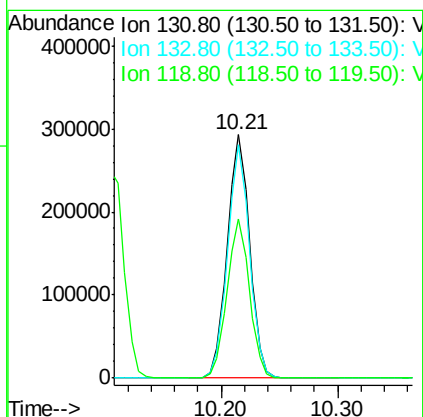
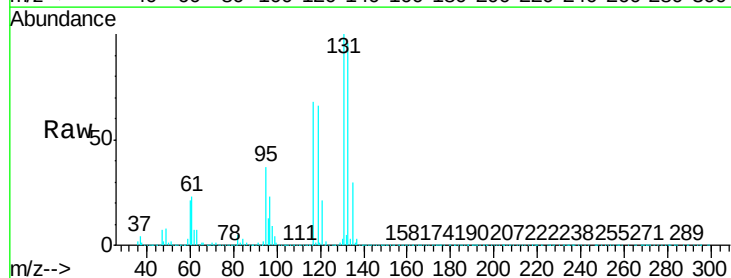
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

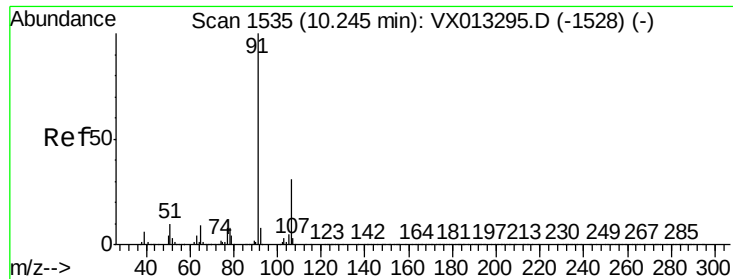
Tgt Ion:112 Resp: 1031437
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.561 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion:131 Resp: 392769
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 65.1 33.0 99.0

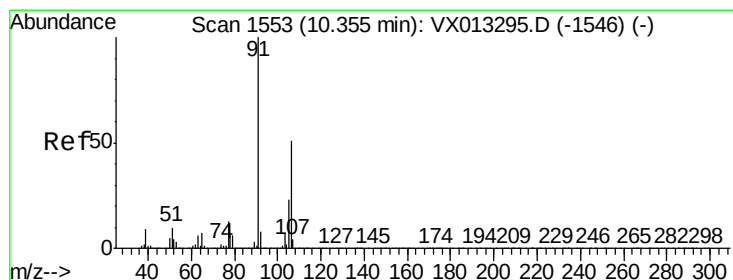
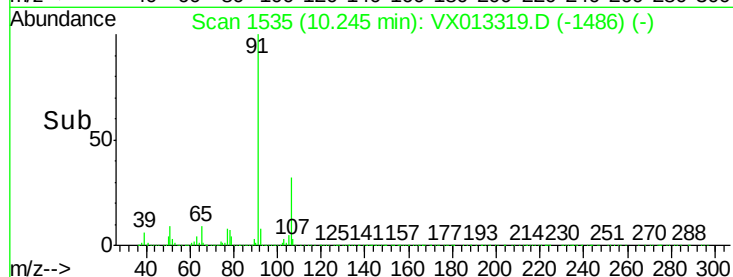
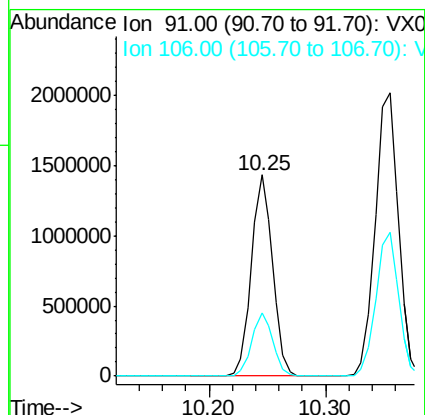
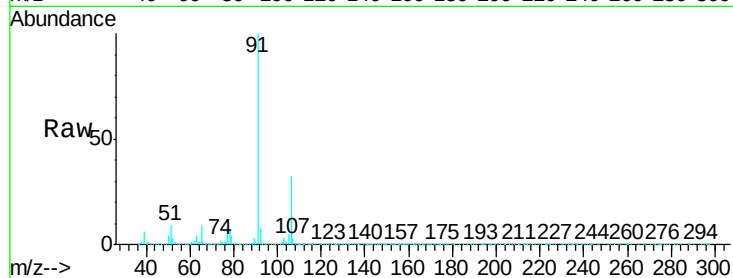




#67
Ethyl Benzene
Concen: 50.023 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

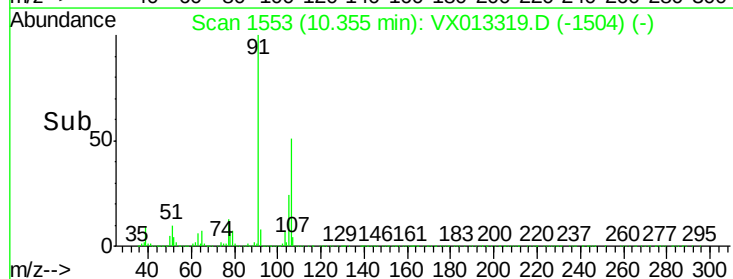
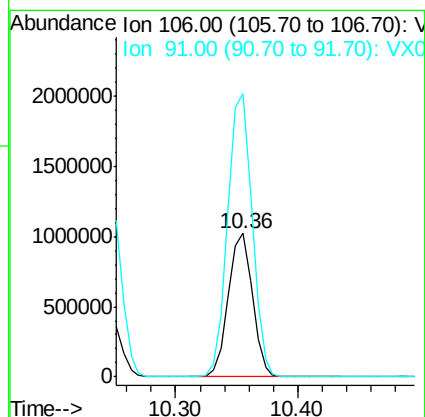
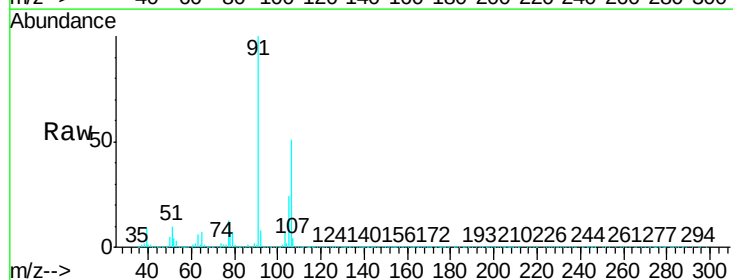
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

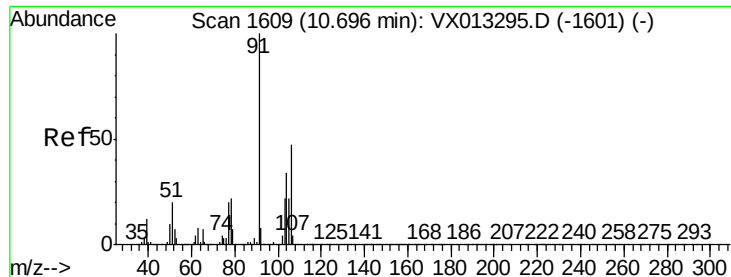
Tgt Ion: 91 Resp: 1826575
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 100.739 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 106 Resp: 1391157
Ion Ratio Lower Upper
106 100
91 200.1 159.3 238.9

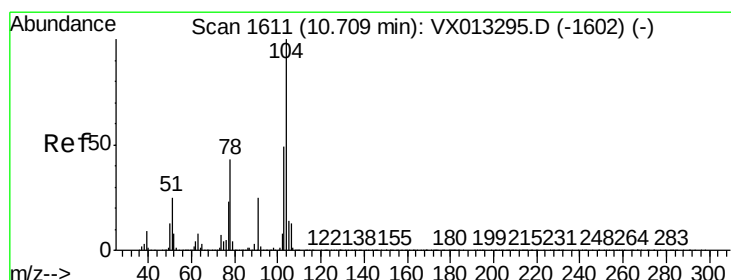
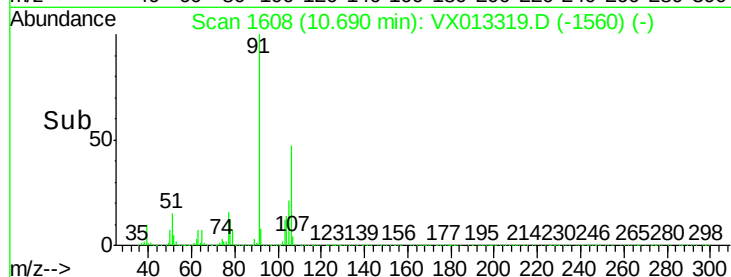
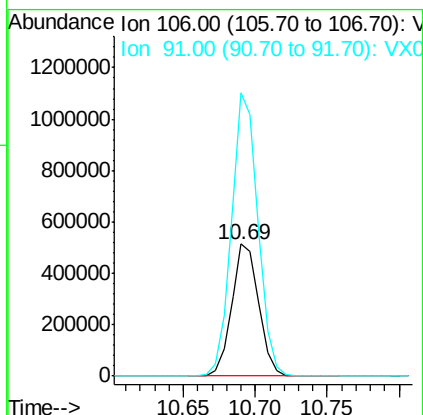
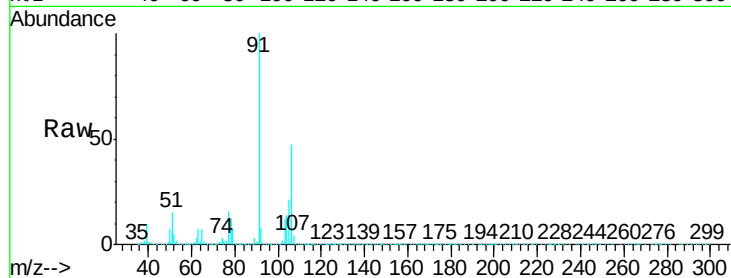




#69
o-Xylene
Concen: 49.740 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

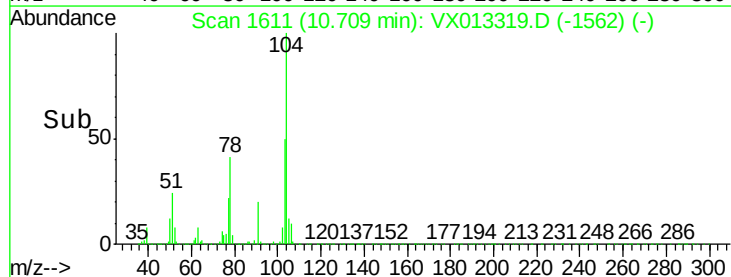
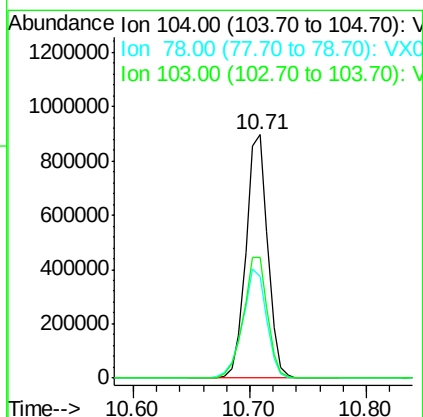
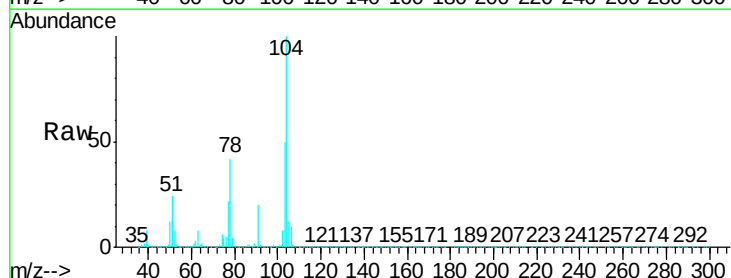
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

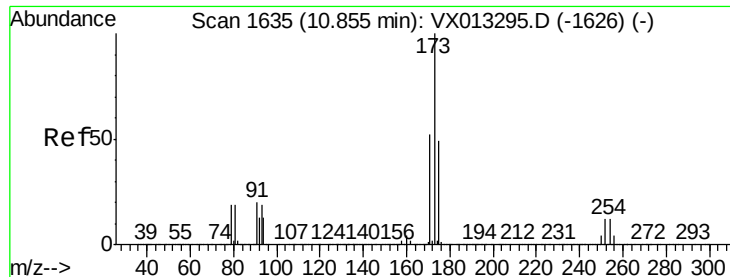
Tgt Ion:106 Resp: 672480
Ion Ratio Lower Upper
106 100
91 210.8 105.7 317.0



#70
Styrene
Concen: 51.862 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion:104 Resp: 1172094
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 54.7 44.1 66.1

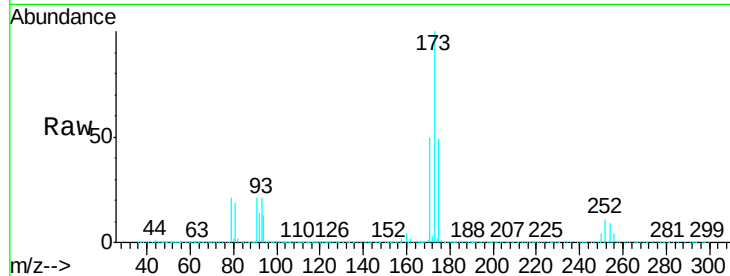




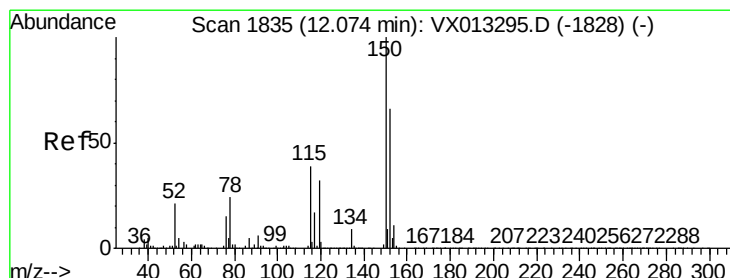
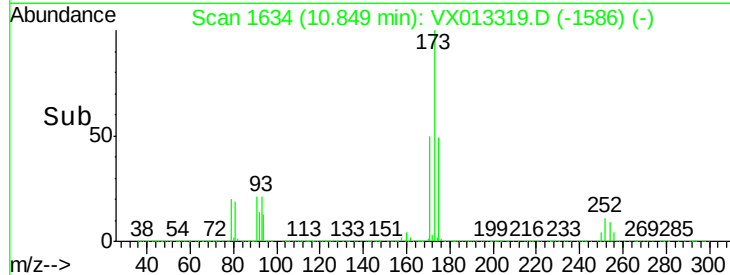
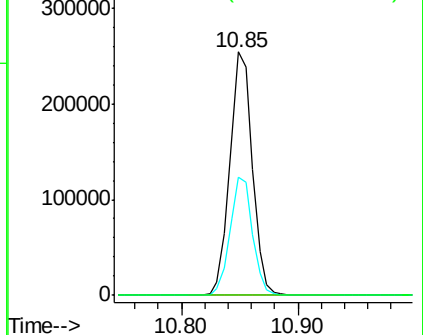
#71
Bromoform
Concen: 47.704 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 342471
Ion Ratio Lower Upper
173 100
175 48.4 24.8 74.4
254 0.2 0.2 0.2

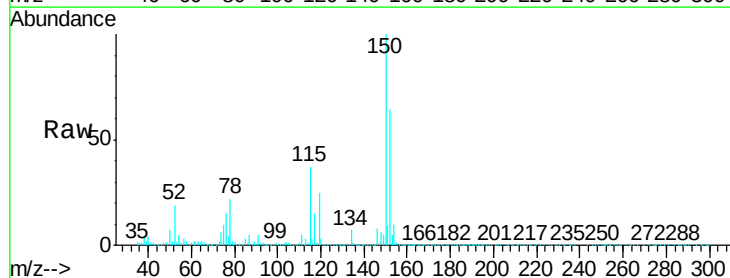


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

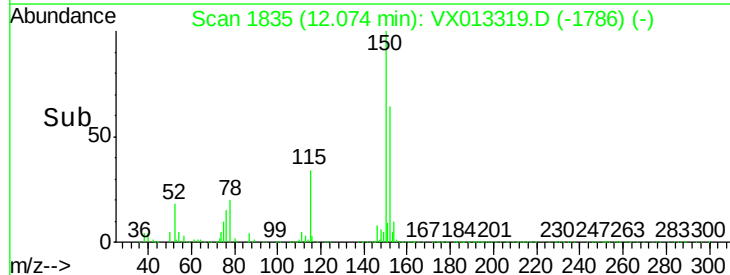
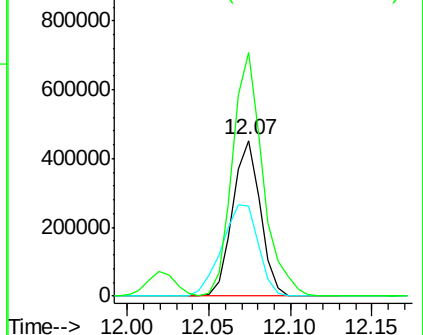


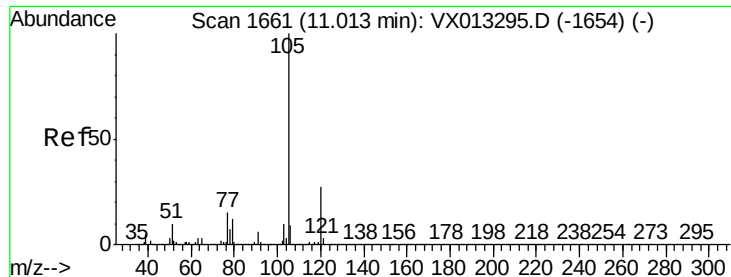
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion:152 Resp: 533951
Ion Ratio Lower Upper
152 100
115 77.7 39.5 118.3
150 171.5 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

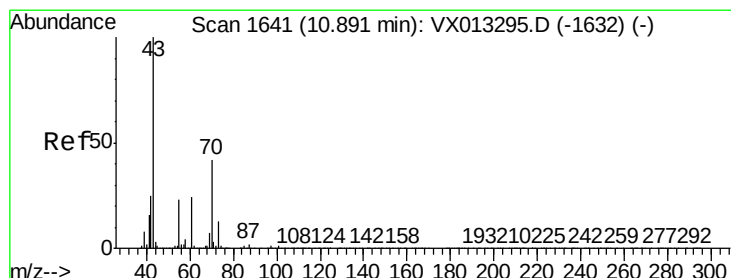
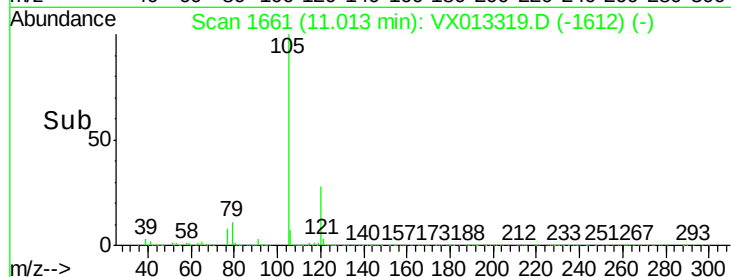
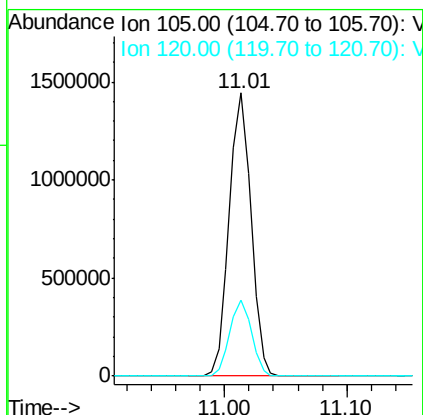
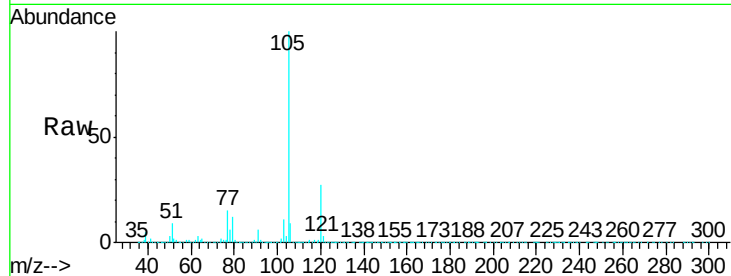




#73
Isopropylbenzene
Concen: 50.457 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

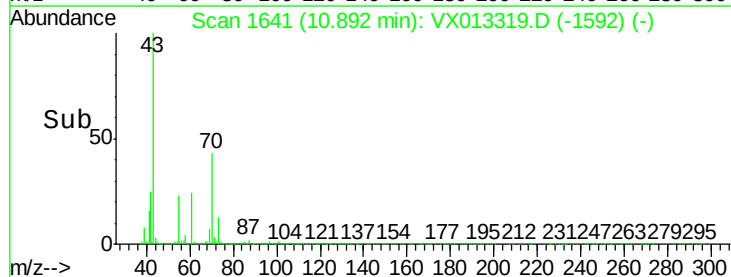
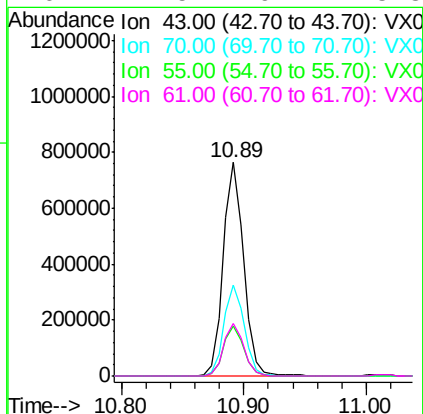
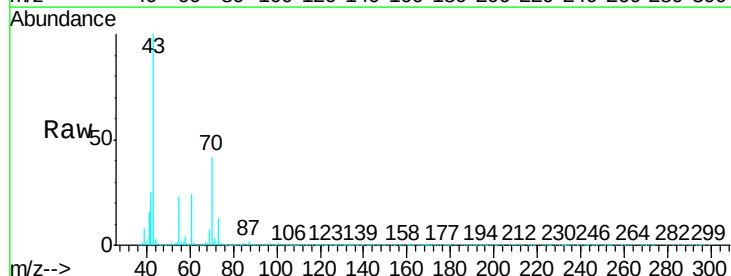
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

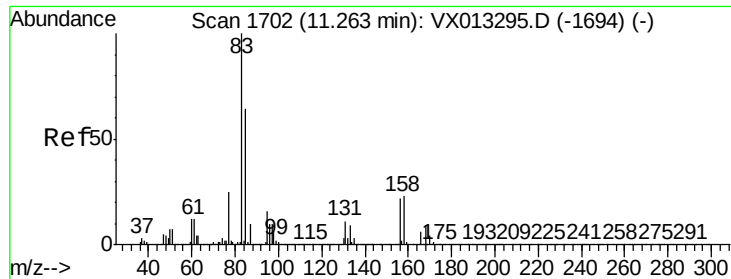
Tgt Ion: 105 Resp: 1786268
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 53.603 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 43 Resp: 879972
Ion Ratio Lower Upper
43 100
70 42.9 34.1 51.1
55 23.8 18.9 28.3
61 24.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.414 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

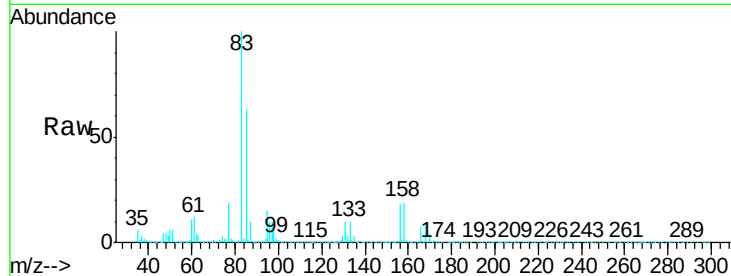
Tgt Ion: 83 Resp: 638190

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

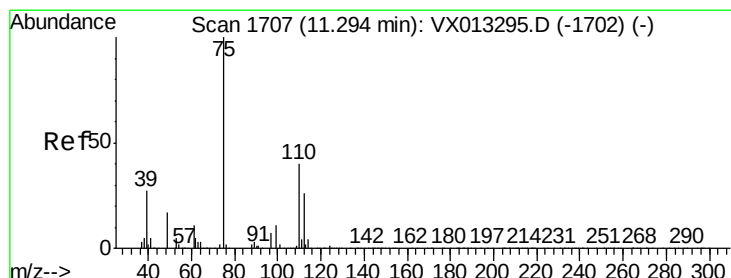
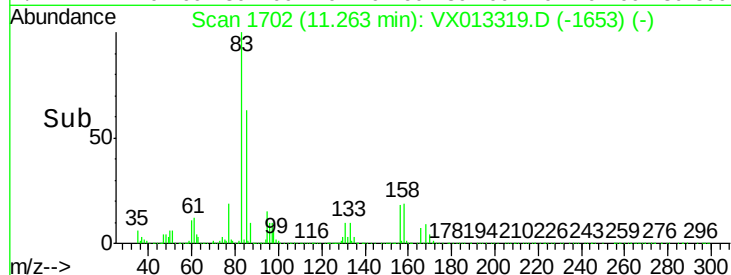
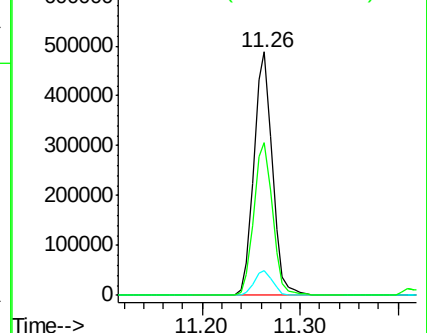
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.050 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013319.D

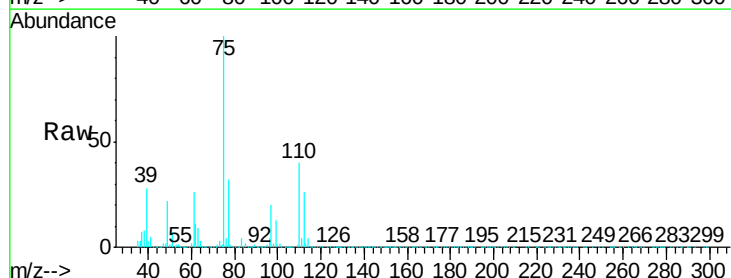
Acq: 04 Nov 2019 11:48

Tgt Ion: 75 Resp: 748859

Ion Ratio Lower Upper

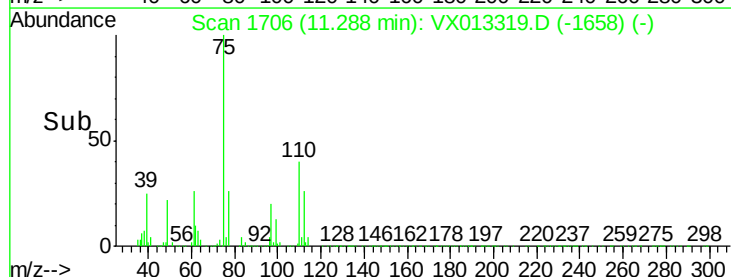
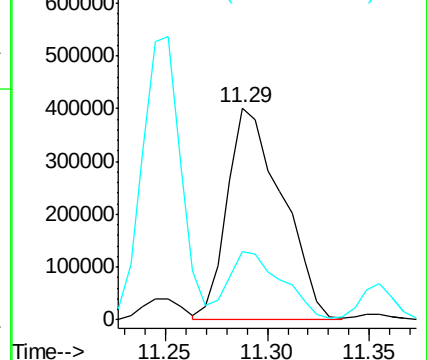
75 100

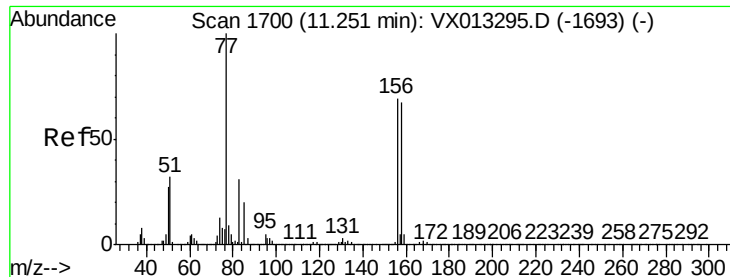
77 31.8 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

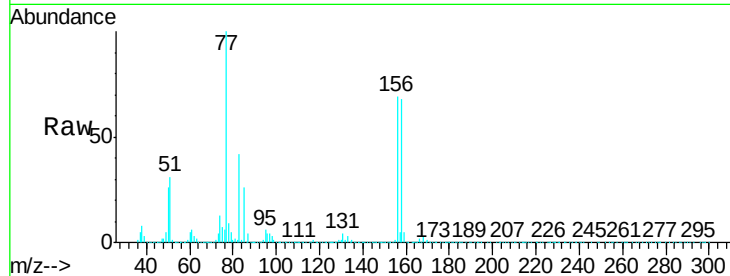




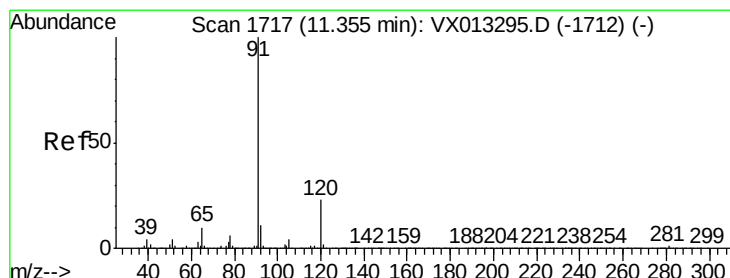
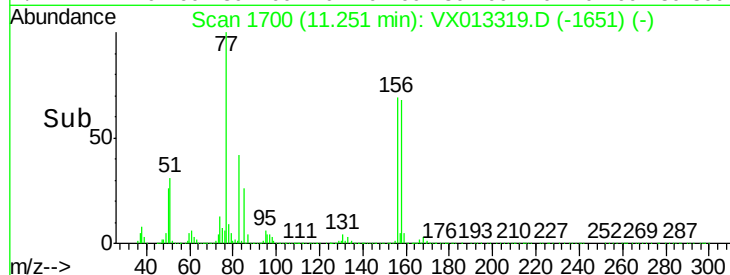
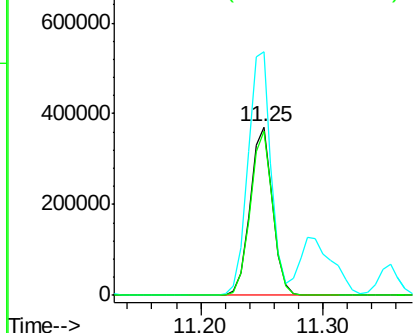
#77
Bromobenzene
Concen: 50.158 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 473373
Ion Ratio Lower Upper
156 100
77 148.1 75.8 227.4
158 97.7 47.6 142.8

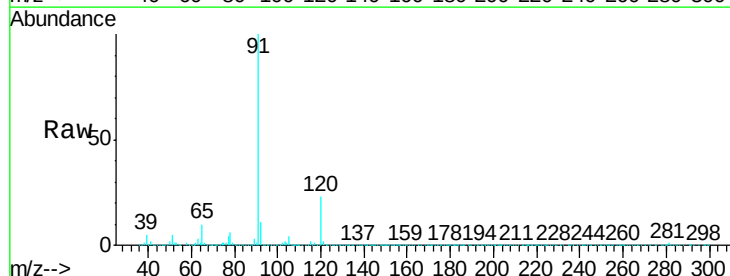


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

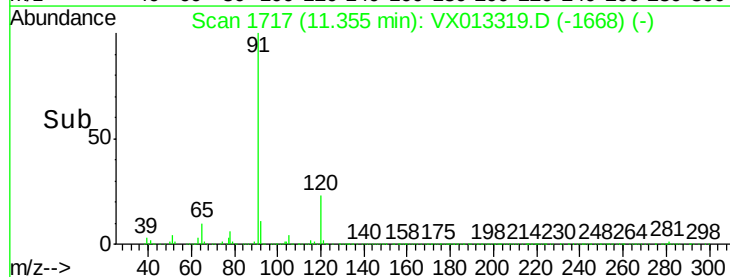
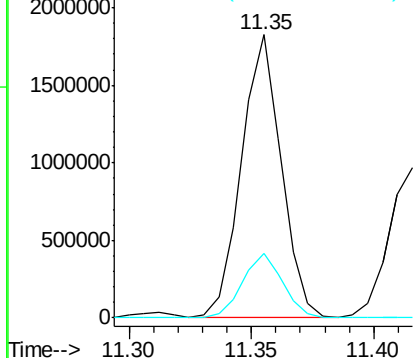


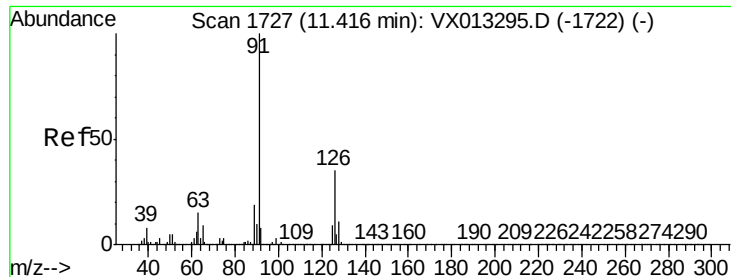
#78
n-propylbenzene
Concen: 52.237 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 91 Resp: 2059973
Ion Ratio Lower Upper
91 100
120 23.2 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: 50.288 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

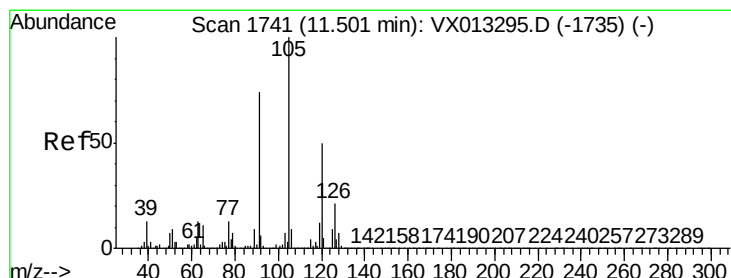
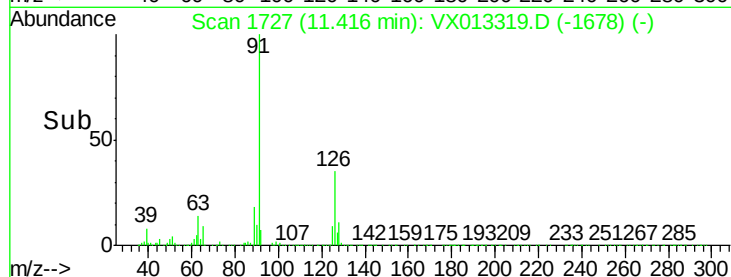
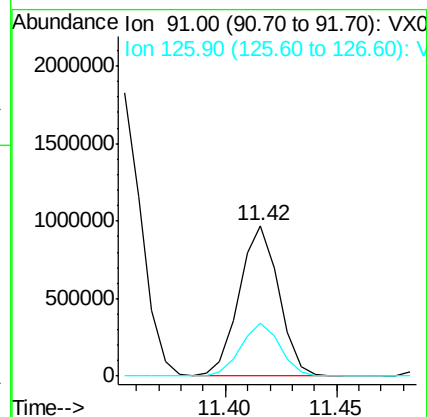
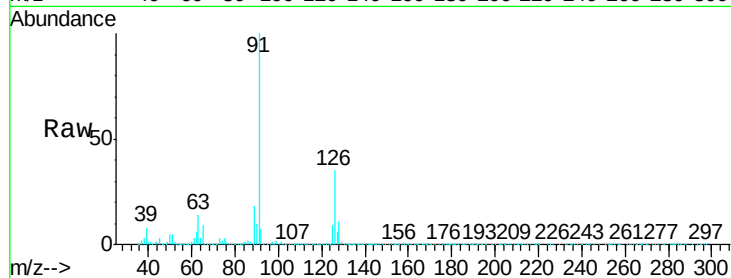
VSTDCCC050

Tgt Ion: 91 Resp: 1194838

Ion Ratio Lower Upper

91 100

126 34.9 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 51.660 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013319.D

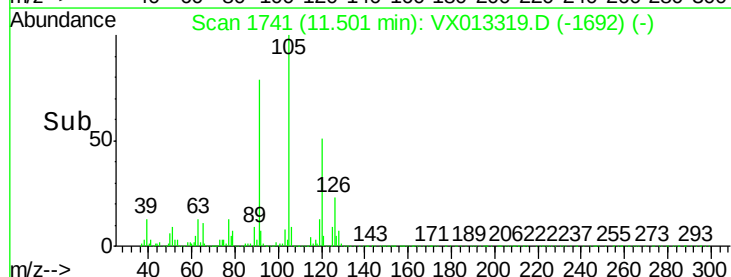
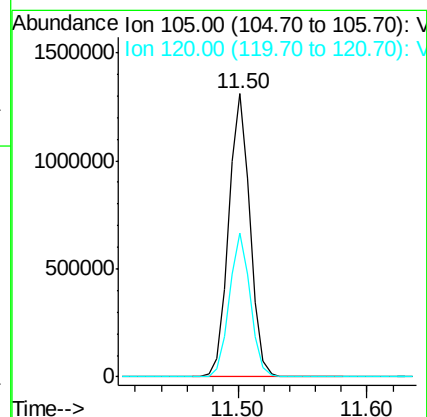
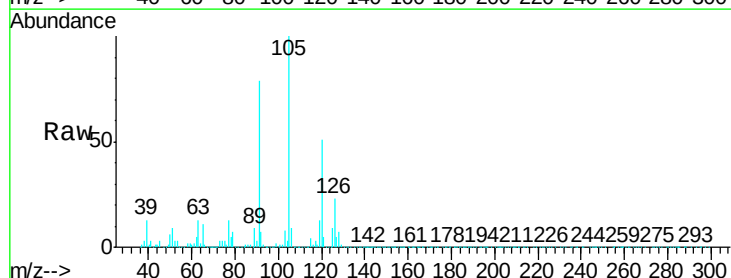
Acq: 04 Nov 2019 11:48

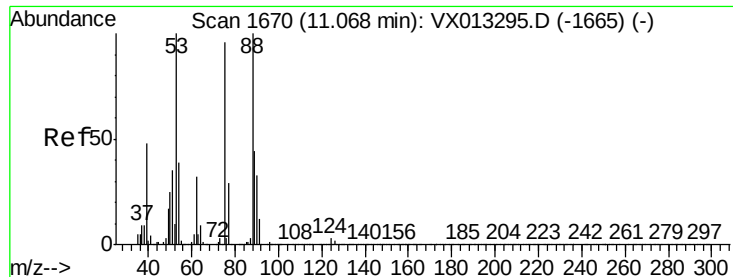
Tgt Ion: 105 Resp: 1523336

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.970 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

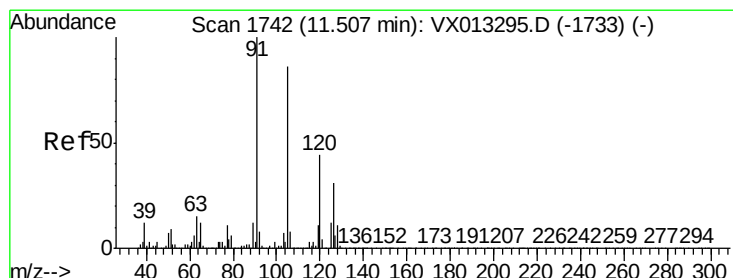
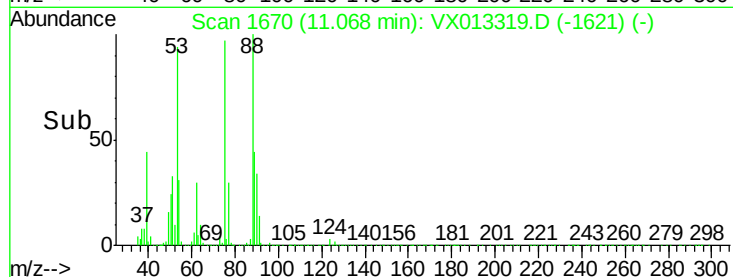
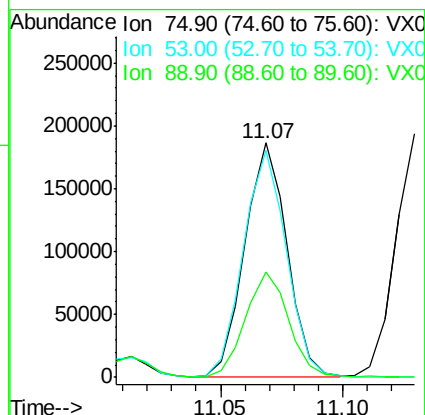
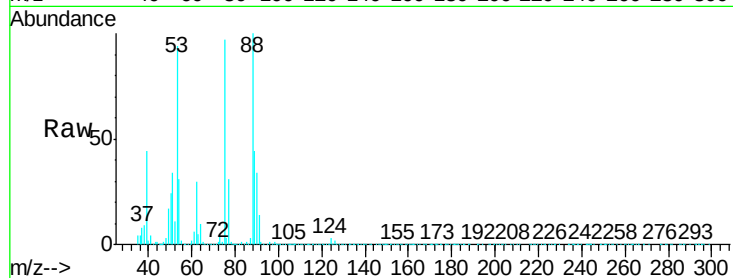
Tgt Ion: 75 Resp: 223186

Ion Ratio Lower Upper

75 100

53 99.2 81.0 121.6

89 46.8 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.130 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013319.D

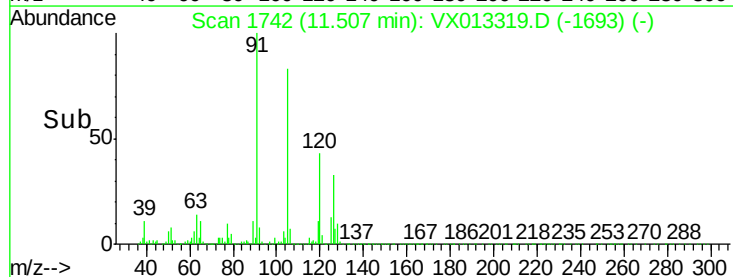
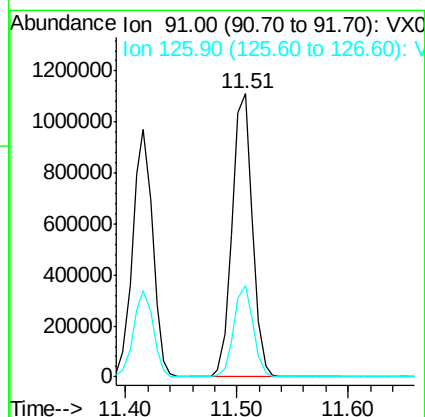
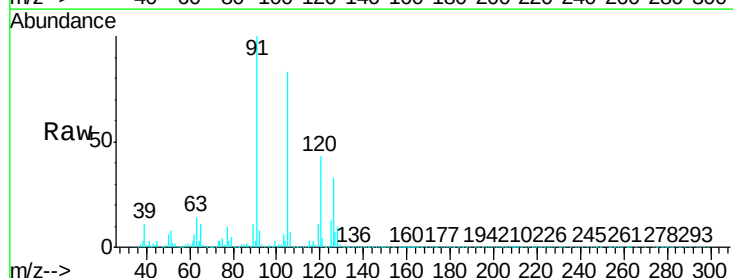
Acq: 04 Nov 2019 11:48

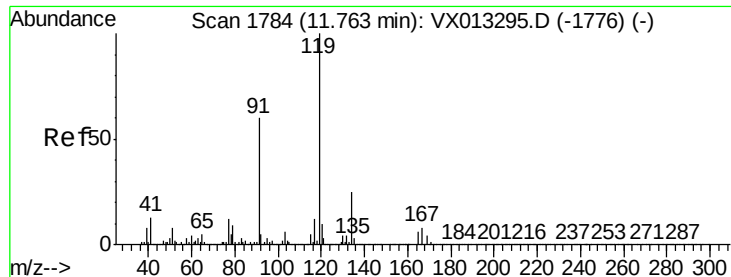
Tgt Ion: 91 Resp: 1394281

Ion Ratio Lower Upper

91 100

126 31.0 15.3 45.8





#83

tert-Butylbenzene

Concen: 52.192 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

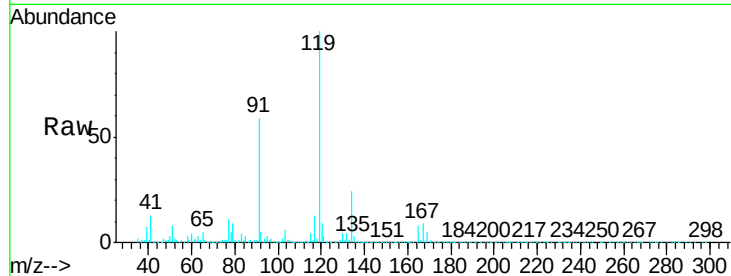
Tgt Ion:119 Resp: 1549248

Ion Ratio Lower Upper

119 100

91 53.8 26.9 80.7

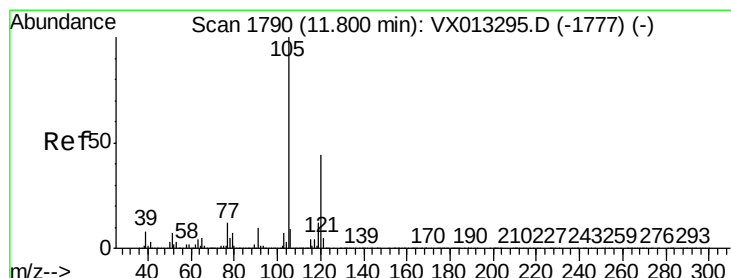
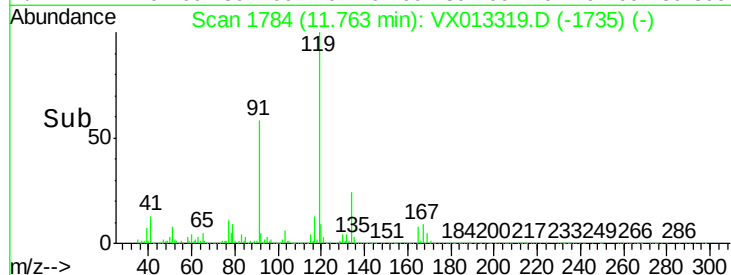
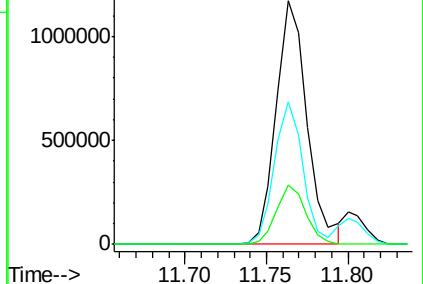
134 23.1 11.7 35.1



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: 51.981 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013319.D

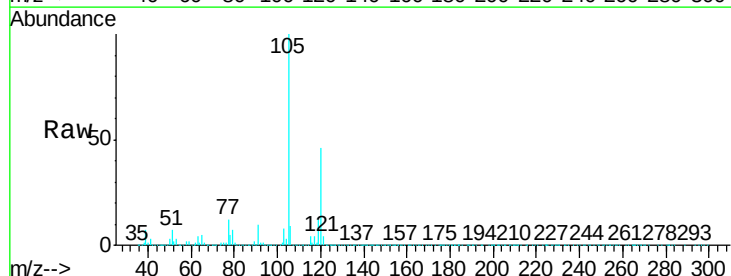
Acq: 04 Nov 2019 11:48

Tgt Ion:105 Resp: 1537638

Ion Ratio Lower Upper

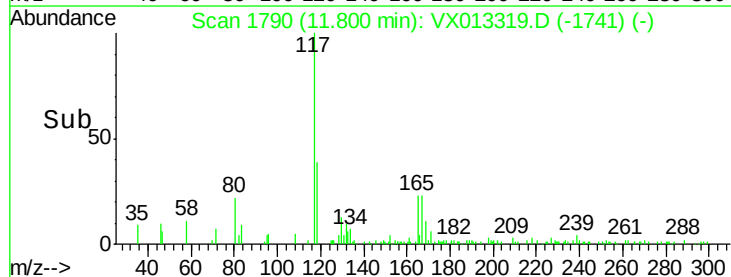
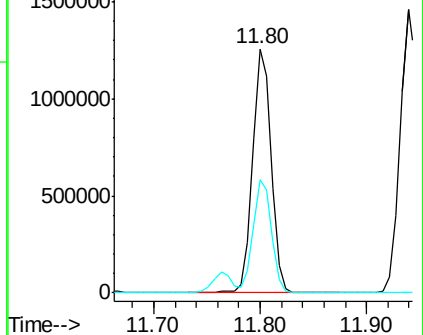
105 100

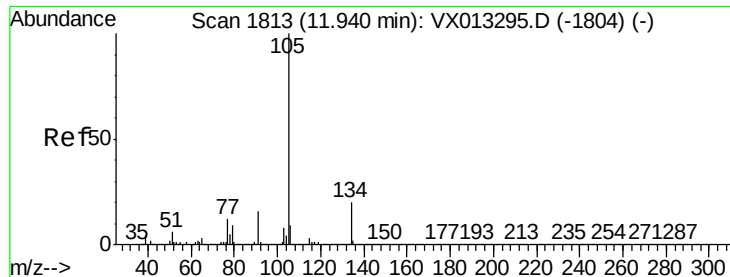
120 45.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.500 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

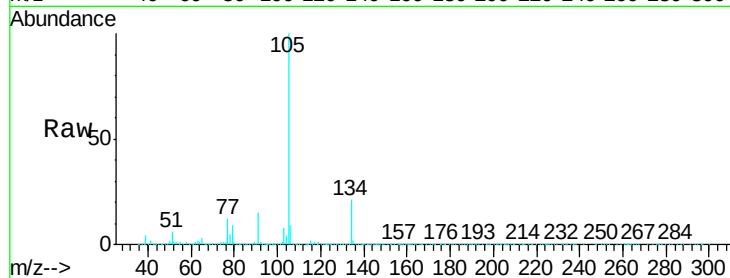
VSTDCCC050

Tgt Ion:105 Resp: 1756954

Ion Ratio Lower Upper

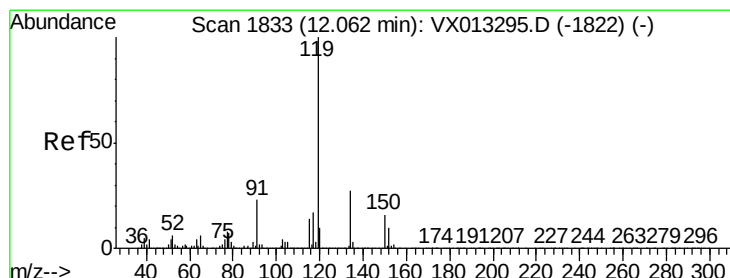
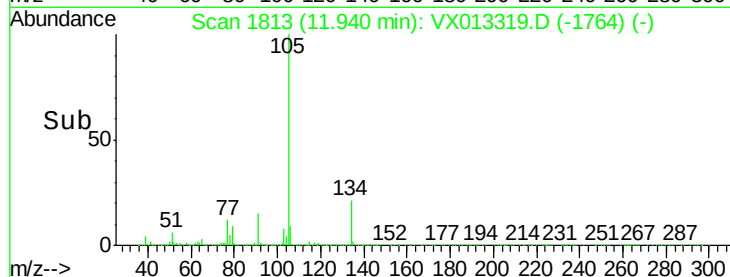
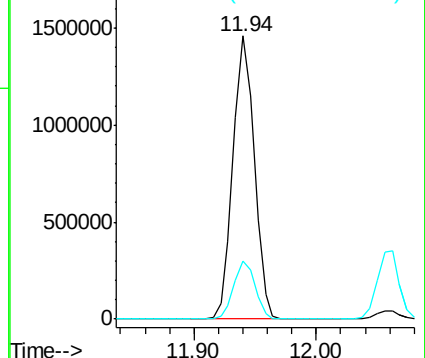
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.586 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

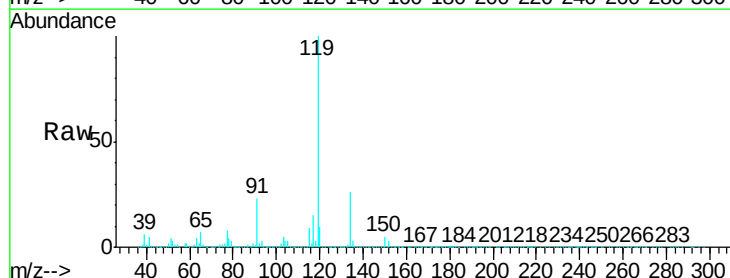
Tgt Ion:119 Resp: 1651941

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

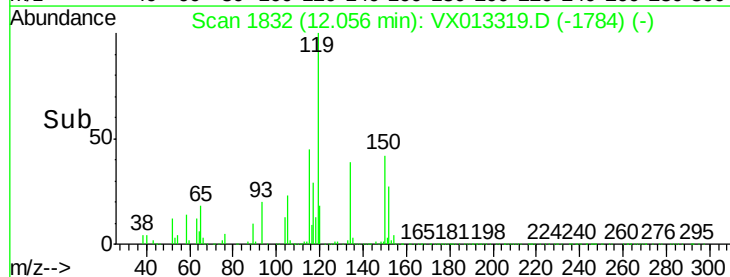
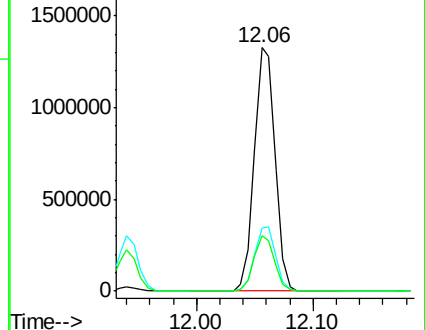
91 22.6 11.5 34.4

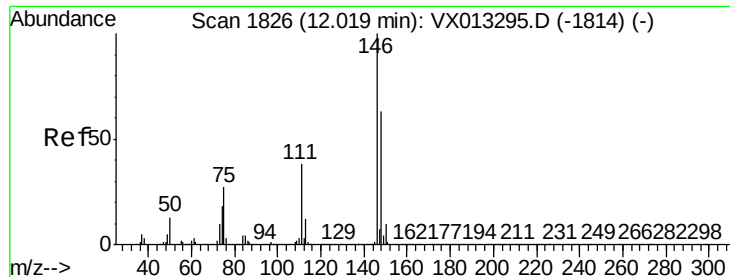


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

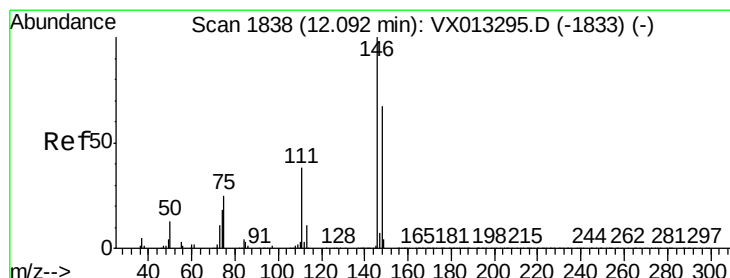
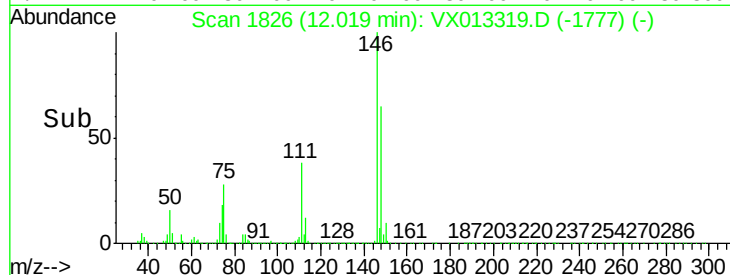
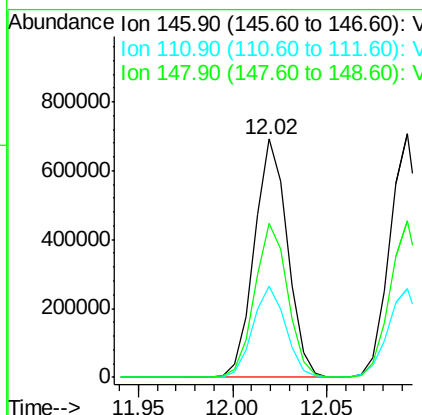
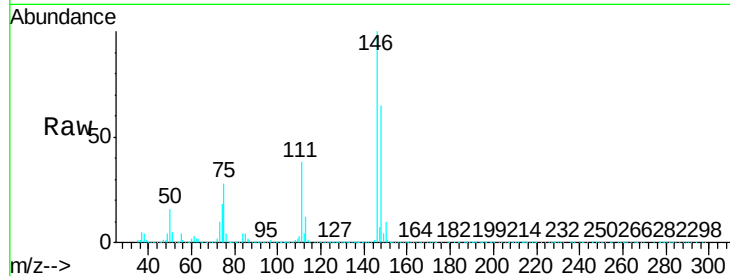




#87
 1,3-Dichlorobenzene
 Concen: 50.149 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

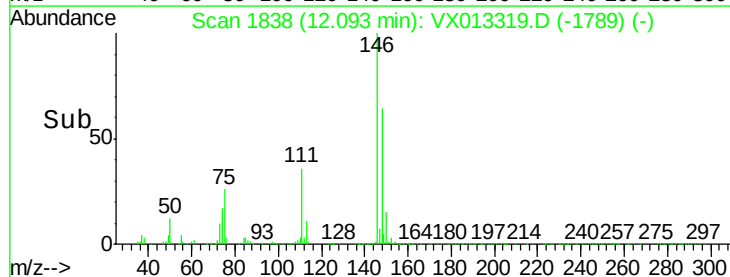
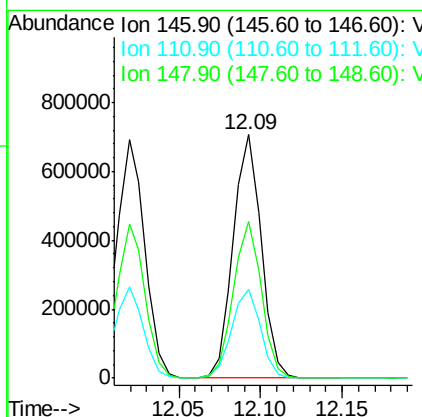
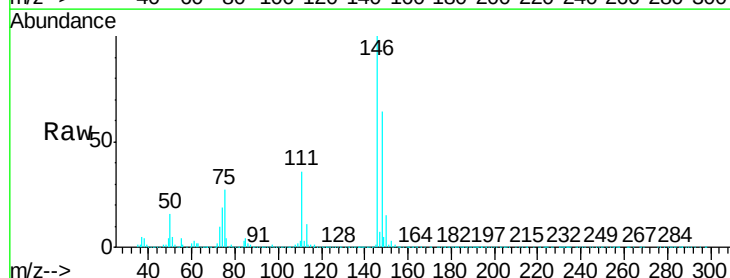
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

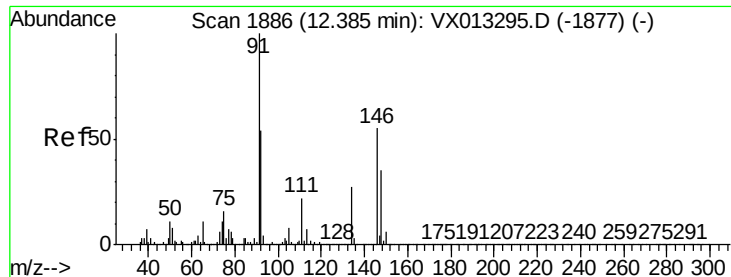
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.235 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013319.D
 Acq: 04 Nov 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	64.1	32.4	97.0





#89

n-Butylbenzene

Concen: 52.746 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

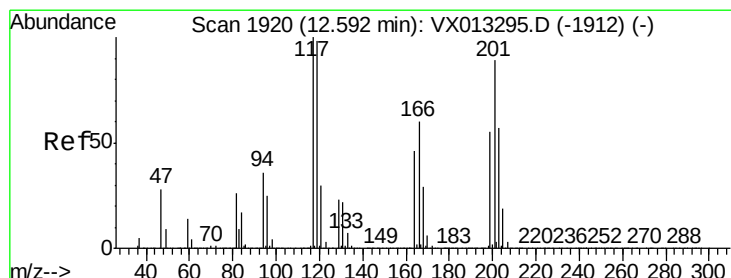
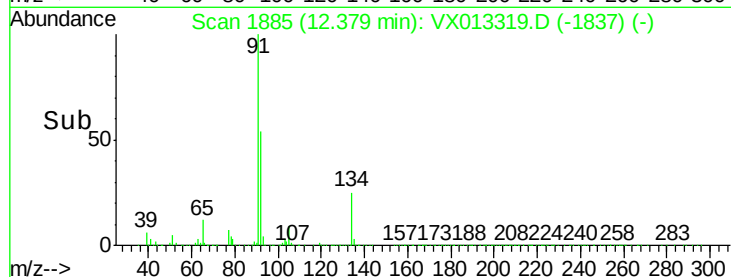
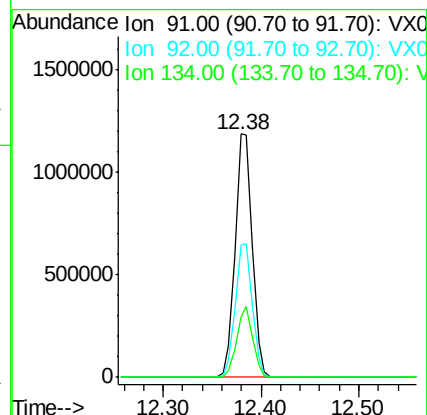
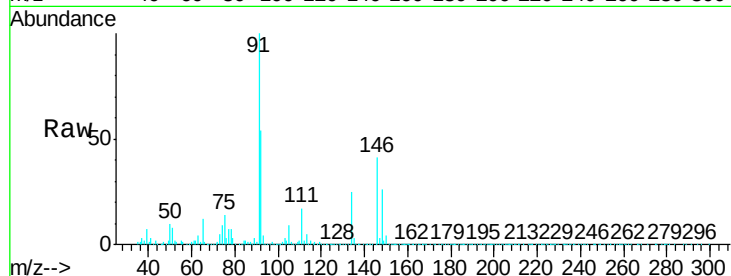
Tgt Ion: 91 Resp: 1445835

Ion Ratio Lower Upper

91 100

92 54.7 27.3 81.8

134 27.0 13.5 40.5



#90

Hexachloroethane

Concen: 53.061 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013319.D

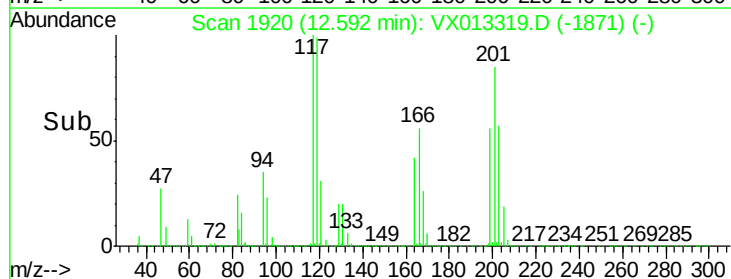
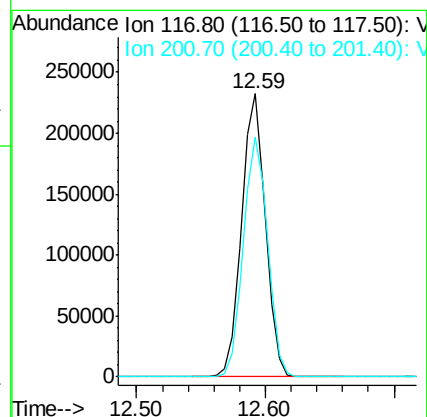
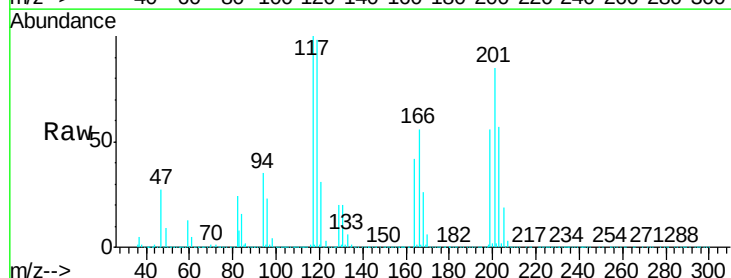
Acq: 04 Nov 2019 11:48

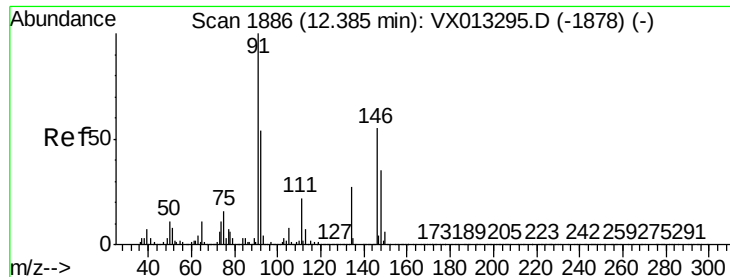
Tgt Ion: 117 Resp: 296989

Ion Ratio Lower Upper

117 100

201 86.5 43.9 131.7

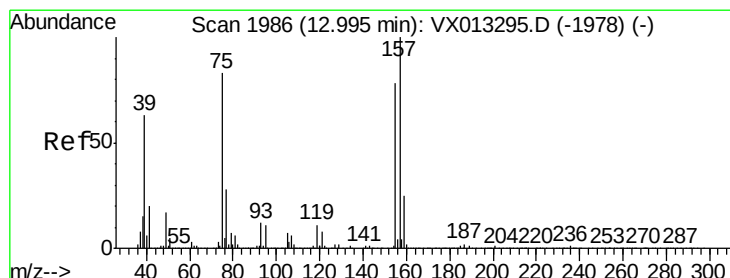
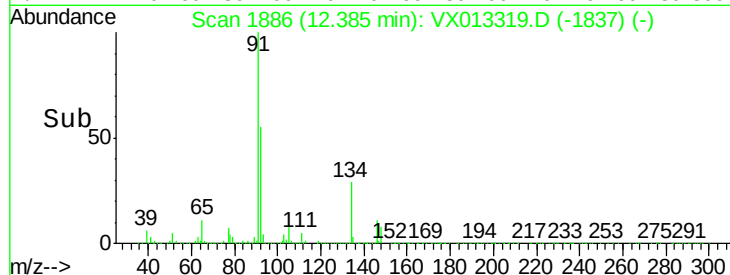
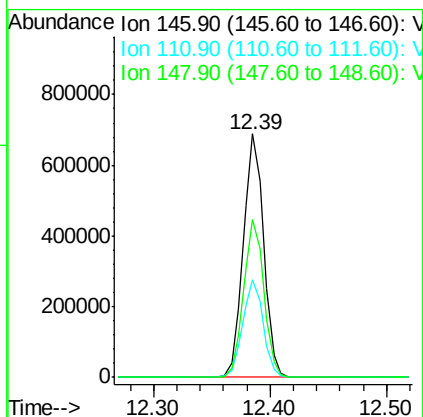
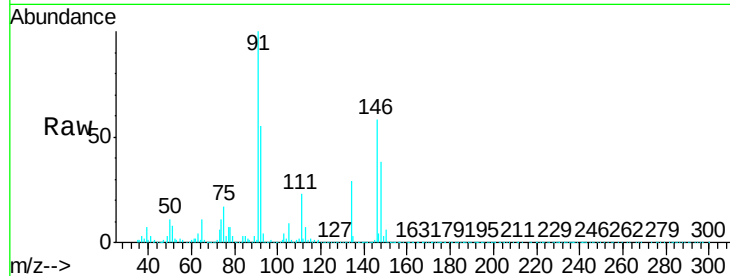




#91
1,2-Dichlorobenzene
Concen: 50.230 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

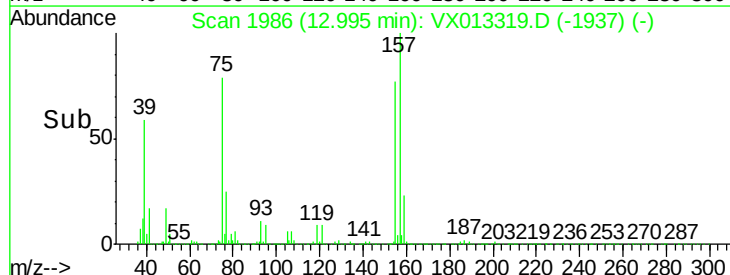
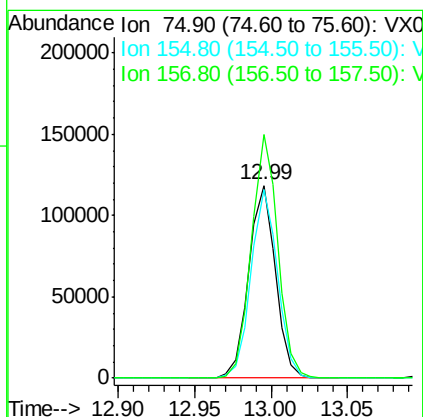
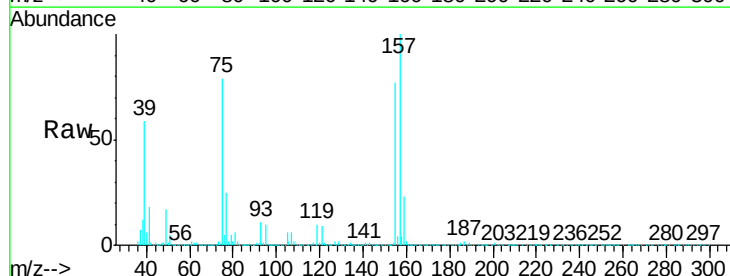
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

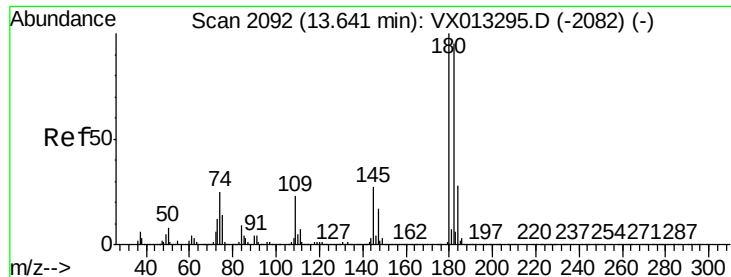
Tgt Ion: 146 Resp: 844669
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.2
148 64.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.410 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX013319.D
Acq: 04 Nov 2019 11:48

Tgt Ion: 75 Resp: 142885
Ion Ratio Lower Upper
75 100
155 97.6 47.1 141.4
157 126.1 61.3 183.8





#93

1,2,4-Trichlorobenzene

Concen: 51.634 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

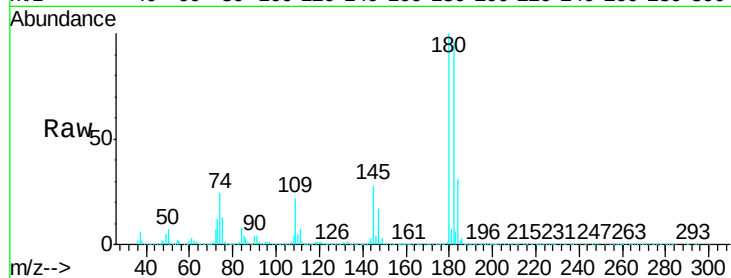
Tgt Ion:180 Resp: 605664

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.0

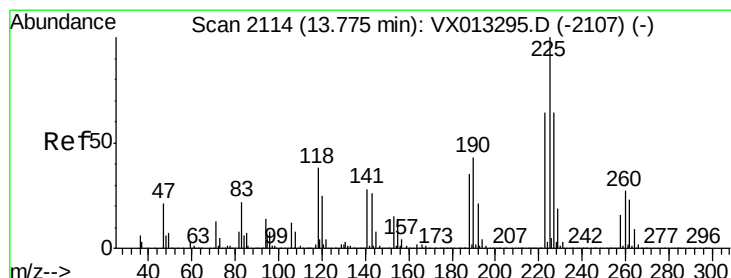
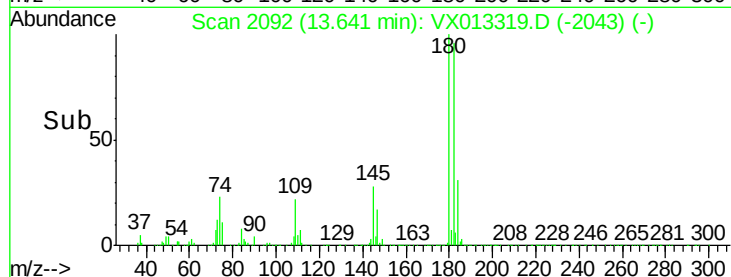
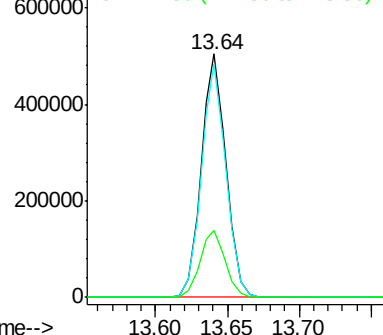
145 27.9 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.266 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

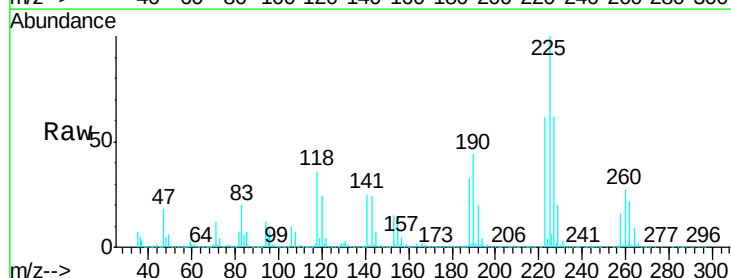
Tgt Ion:225 Resp: 294197

Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.7

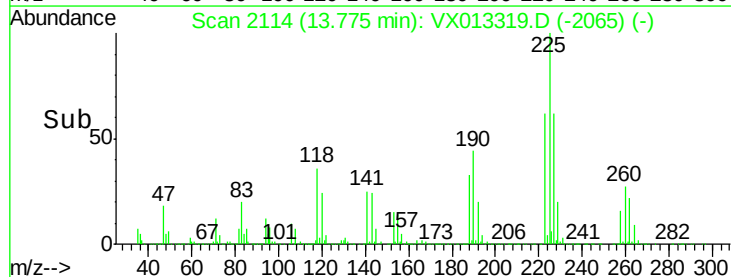
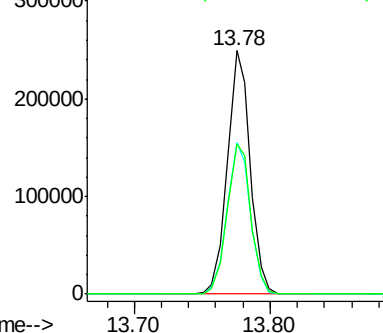
227 64.0 31.9 95.9

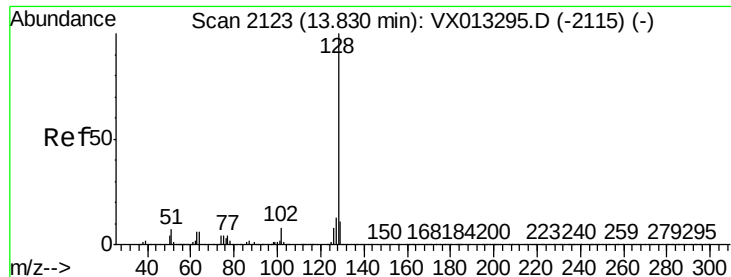


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.048 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Instrument :

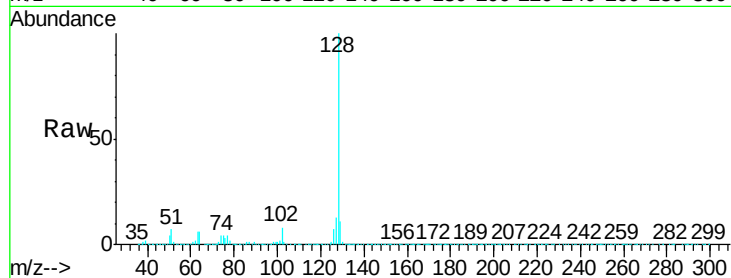
MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 1915501

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.5	12.7

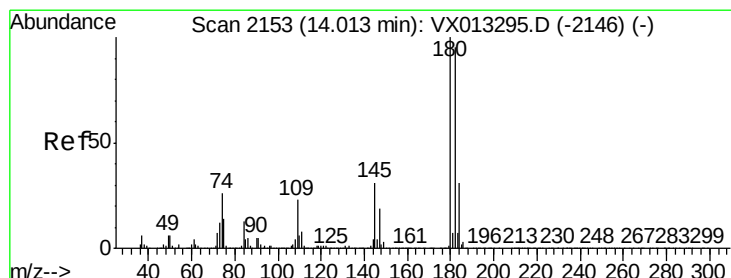
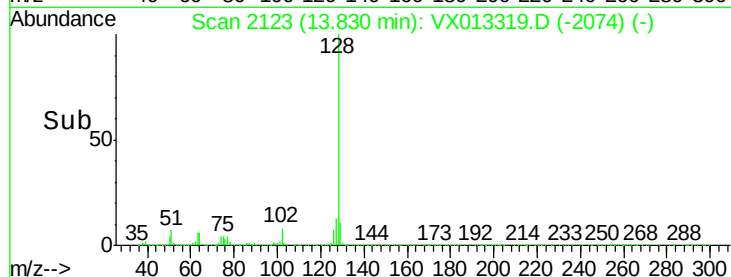
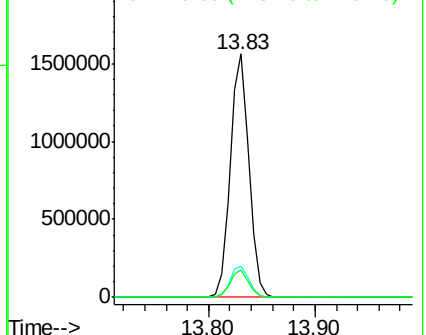


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.508 ug/l

RT: 14.01 min Scan# 2153

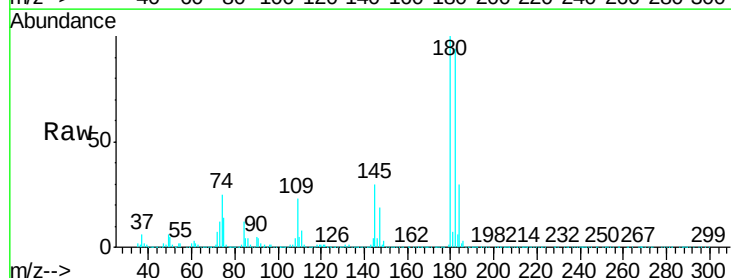
Delta R.T. 0.00 min

Lab File: VX013319.D

Acq: 04 Nov 2019 11:48

Tgt Ion:180 Resp: 605915

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	29.8	15.4	46.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

