

Data File : VX012249.D
Acq On : 10 Sep 2019 10:55
Operator : SY/SP
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 10 11:18:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 11:06:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	148042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	262755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	211540	95.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.90%	
35) Dibromofluoromethane	5.48	113	169367	96.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.36%	
50) Toluene-d8	8.71	98	621734	100.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.90%	
62) 4-Bromofluorobenzene	11.14	95	268005	93.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	110284	93.187	ug/l	98
3) Chloromethane	1.32	50	104552	91.666	ug/l	100
4) Vinyl Chloride	1.40	62	104630	95.785	ug/l	99
5) Bromomethane	1.63	94	41013	103.558	ug/l	97
6) Chloroethane	1.70	64	66918	97.583	ug/l	100
7) Trichlorofluoromethane	1.92	101	183366	98.682	ug/l	100
8) Diethyl Ether	2.18	74	66569	80.615	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130913	94.578	ug/l	100
10) Methyl Iodide	2.50	142	143169	105.316	ug/l	99
11) Tert butyl alcohol	3.04	59	100902	492.249	ug/l	100
12) 1,1-Dichloroethene	2.36	96	108523	93.087	ug/l	98
13) Acrolein	2.28	56	53310	428.987	ug/l	97
14) Allyl chloride	2.72	41	232023	96.438	ug/l	99
15) Acrylonitrile	3.13	53	214237	469.448	ug/l	99
16) Acetone	2.44	43	224778	482.405	ug/l	98
17) Carbon Disulfide	2.56	76	233500	97.320	ug/l	99
18) Methyl Acetate	2.76	43	102821	86.842	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	458129	95.531	ug/l	98
20) Methylene Chloride	2.84	84	150804	77.130	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	131140	92.932	ug/l	96
22) Diisopropyl ether	3.84	45	532704	94.966	ug/l	95
23) Vinyl Acetate	3.80	43	1695103	494.983	ug/l	98
24) 1,1-Dichloroethane	3.69	63	280985	93.843	ug/l	99
25) 2-Butanone	4.66	43	310603	486.219	ug/l	97
26) 2,2-Dichloropropane	4.57	77	260655	93.867	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	173315	93.220	ug/l	99
28) Bromochloromethane	5.00	49	137402	100.053	ug/l	98
29) Tetrahydrofuran	5.12	42	180894	466.906	ug/l	100
30) Chloroform	5.20	83	313818	91.601	ug/l	97
31) Cyclohexane	5.57	56	189010	93.863	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	270572	95.356	ug/l	99
36) 1,1-Dichloropropene	5.79	75	192804	95.371	ug/l	100
37) Ethyl Acetate	4.82	43	128258	96.051	ug/l	99
38) Carbon Tetrachloride	5.77	117	226820	97.964	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	209875	98.657	ug/l	98
40) Benzene	6.14	78	579872	94.540	ug/l	99
41) Methacrylonitrile	5.03	41	79314	96.230	ug/l	97
42) 1,2-Dichloroethane	6.18	62	233091	94.040	ug/l	99
43) Isopropyl Acetate	6.43	43	264250	95.585	ug/l	100
44) Trichloroethene	7.20	130	156662	94.708	ug/l	98
45) 1,2-Dichloropropane	7.51	63	162004	93.575	ug/l	99
46) Dibromomethane	7.65	93	92866	94.314	ug/l	99
47) Bromodichloromethane	7.89	83	251342	95.371	ug/l	98
48) Methyl methacrylate	7.76	41	129245	97.287	ug/l	99
49) 1,4-Dioxane	7.73	88	34761	1864.278	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	697435	484.878	ug/l	100
52) Toluene	8.78	92	385031	94.512	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	256394	97.583	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	276510	96.461	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	140869	94.264	ug/l	99
56) Ethyl methacrylate	9.17	69	201450	96.424	ug/l	99
57) 1,3-Dichloropropane	9.37	76	238862	93.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	501976	505.972	ug/l	100
59) 2-Hexanone	9.49	43	504744	493.904	ug/l	99
60) Dibromochloromethane	9.58	129	172846	97.515	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131205	94.162	ug/l	99
64) Tetrachloroethene	9.33	164	126467	93.000	ug/l	96
65) Chlorobenzene	10.14	112	447138	91.620	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	176556	94.480	ug/l	99
67) Ethyl Benzene	10.25	91	805777	94.131	ug/l	98
68) m/p-Xylenes	10.36	106	593368	187.946	ug/l	100
69) o-Xylene	10.70	106	291534	94.642	ug/l	99
70) Styrene	10.71	104	532536	96.140	ug/l	100
71) Bromoform	10.85	173	97357	99.922	ug/l #	99
73) Isopropylbenzene	11.01	105	810380	92.060	ug/l	100
74) N-amyl acetate	10.89	43	262094	93.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	183113	92.549	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	202527	118.017	ug/l	86
77) Bromobenzene	11.25	156	187241	88.986	ug/l	99
78) n-propylbenzene	11.35	91	979931	92.495	ug/l	100
79) 2-Chlorotoluene	11.42	91	601149	90.906	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	728537	91.435	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	58894	94.786	ug/l	97
82) 4-Chlorotoluene	11.51	91	723174	89.340	ug/l	100
83) tert-Butylbenzene	11.77	119	710811	92.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	755405	91.665	ug/l	98
85) sec-Butylbenzene	11.94	105	828725	91.266	ug/l	100
86) p-Isopropyltoluene	12.06	119	791363	93.998	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	378558	90.722	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	380830	91.012	ug/l	99
89) n-Butylbenzene	12.39	91	770855	95.442	ug/l	99
90) Hexachloroethane	12.59	117	151008	97.806	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	357453	91.546	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37375	95.291	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091019\
Quantitation Report (Not Reviewed)

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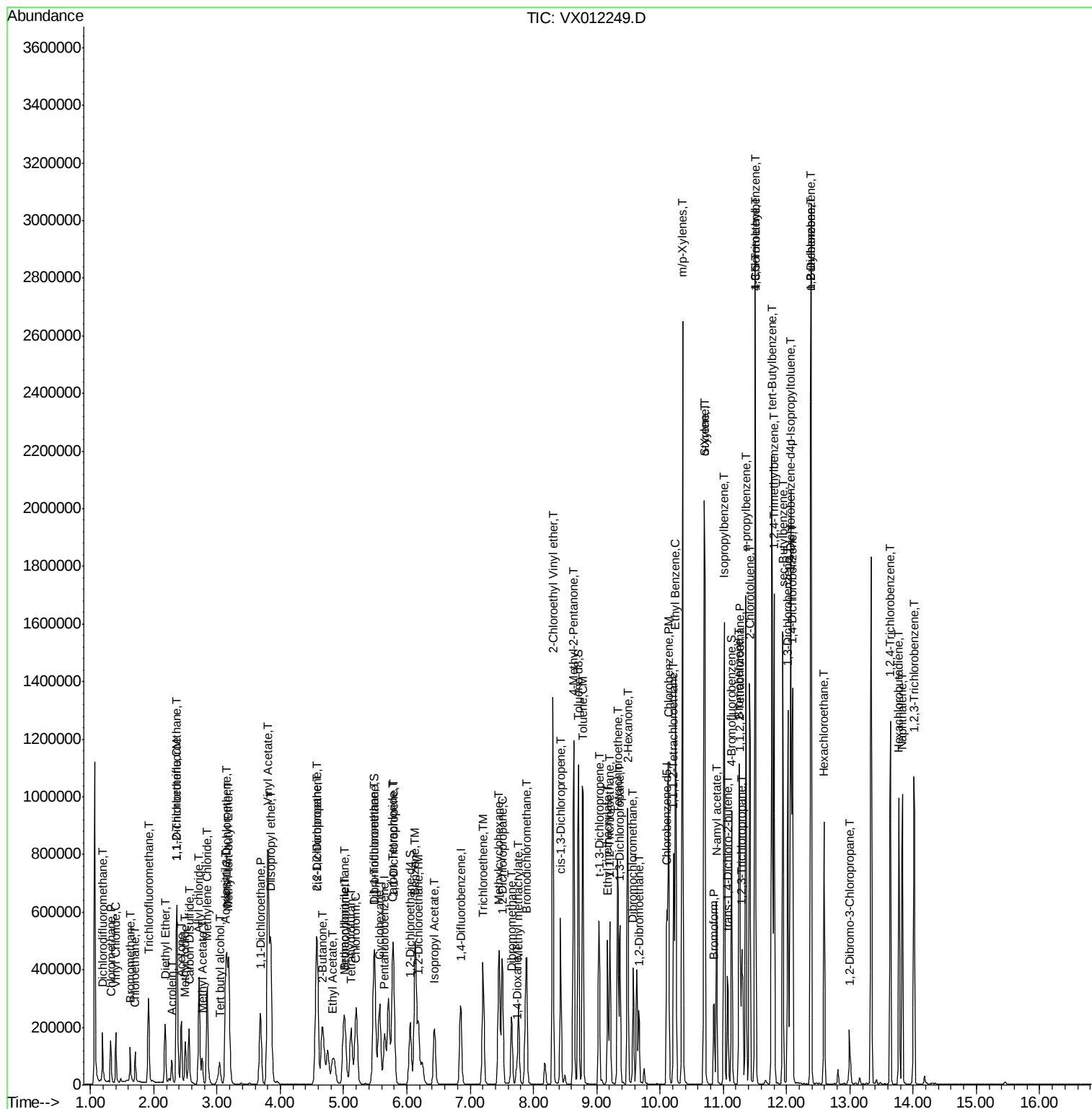
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	256801	99.460	ug/l	99
94) Hexachlorobutadiene	13.78	225	122467	98.045	ug/l	98
95) Naphthalene	13.83	128	574698	101.370	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	232460	102.960	ug/l	99

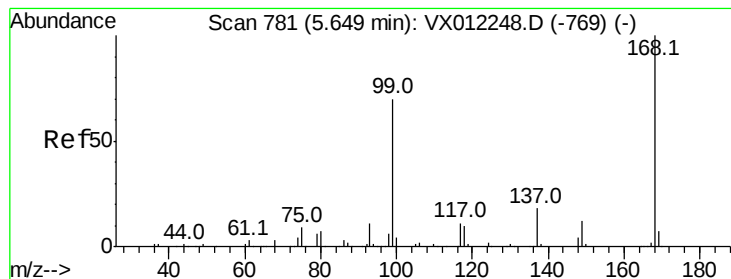
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VSTDICC100

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

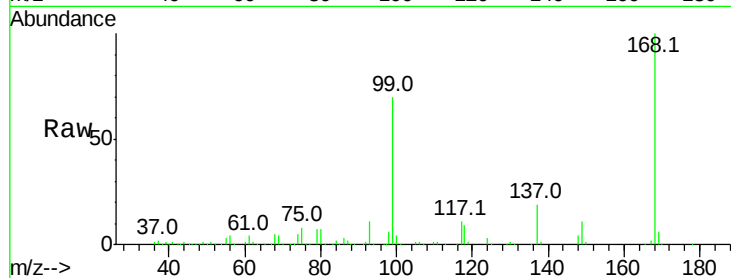
VSTDIC100

Tgt Ion:168 Resp: 148042

Ion Ratio Lower Upper

168 100

99 69.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

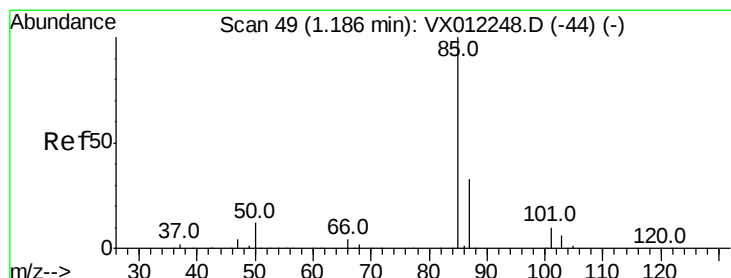
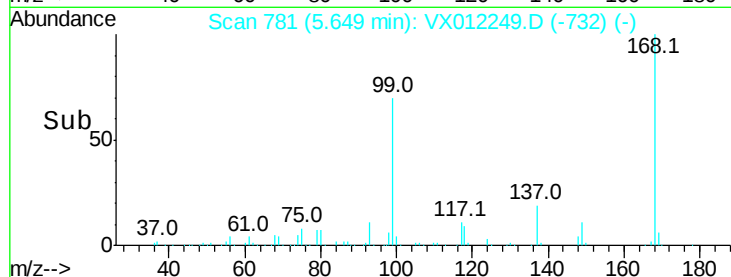
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 93.187 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012249.D

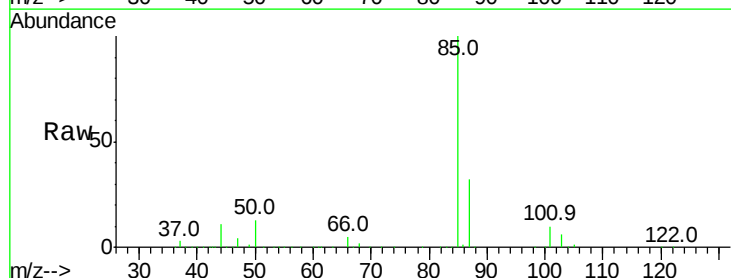
Acq: 10 Sep 2019 10:55

Tgt Ion: 85 Resp: 110284

Ion Ratio Lower Upper

85 100

87 32.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

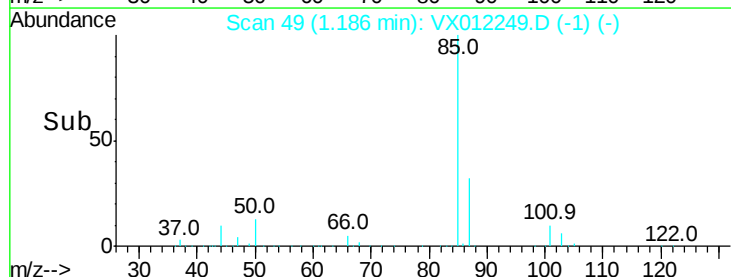
60000

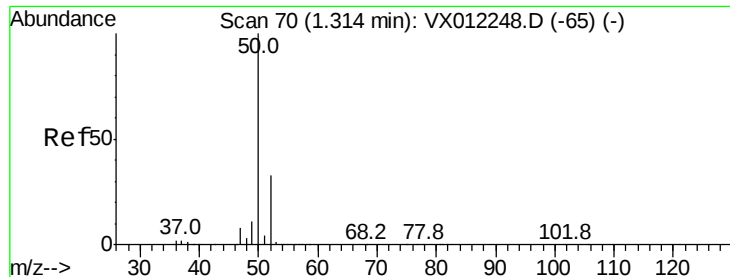
40000

20000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 91.666 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

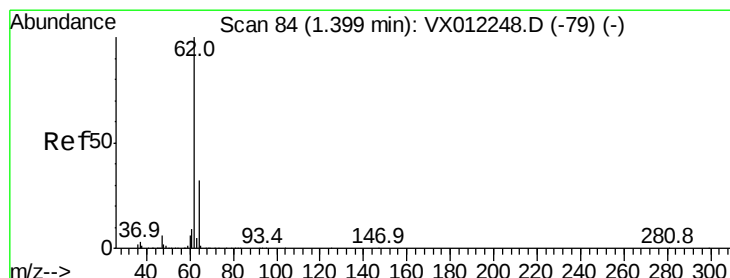
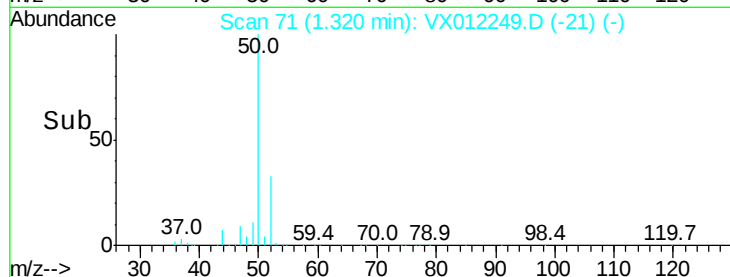
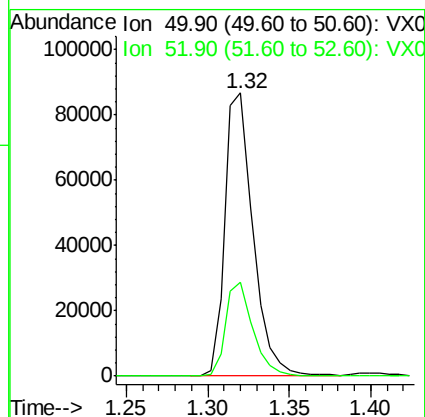
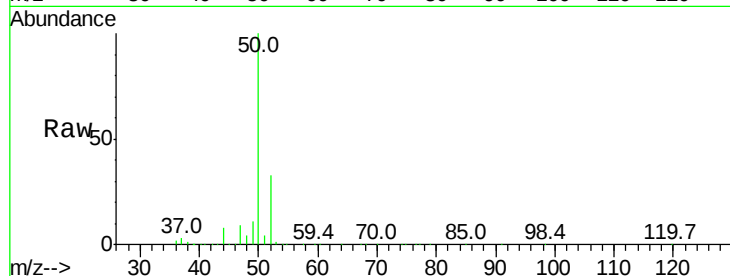
VSTDIC100

Tgt Ion: 50 Resp: 104552

Ion Ratio Lower Upper

50 100

52 33.2 26.7 40.1



#4

Vinyl Chloride

Concen: 95.785 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012249.D

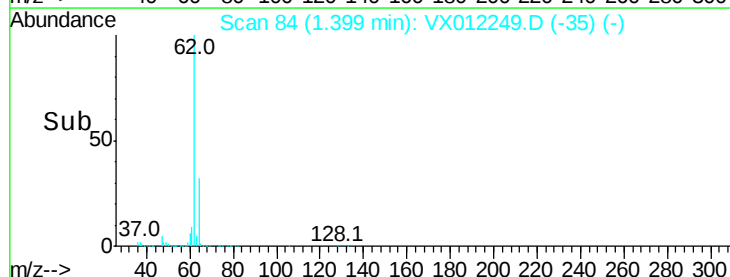
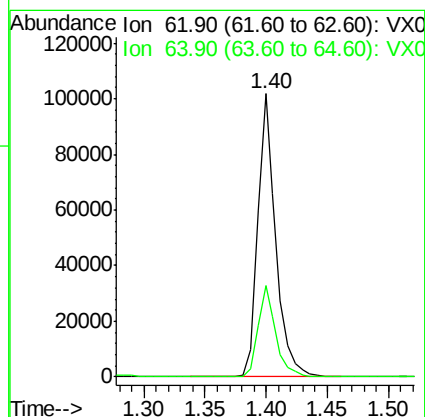
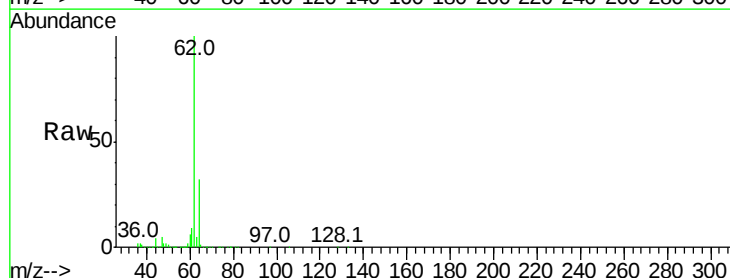
Acq: 10 Sep 2019 10:55

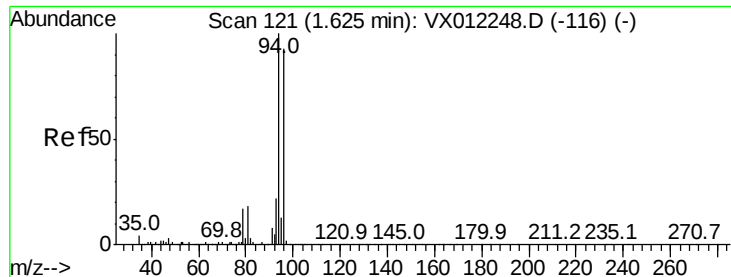
Tgt Ion: 62 Resp: 104630

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3





#5

Bromomethane

Concen: 103.558 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

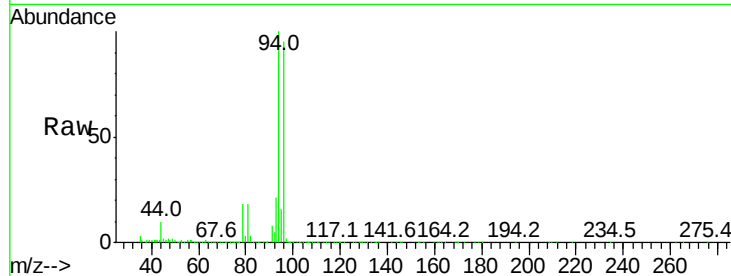
VSTDIC100

Tgt Ion: 94 Resp: 41013

Ion Ratio Lower Upper

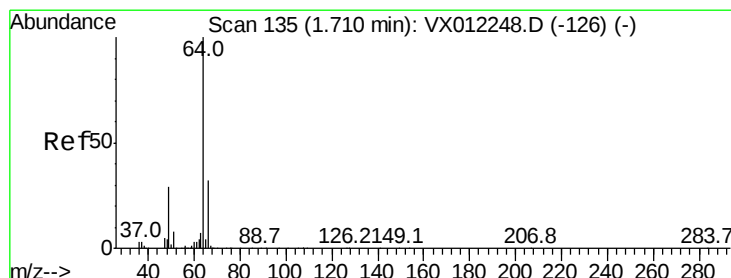
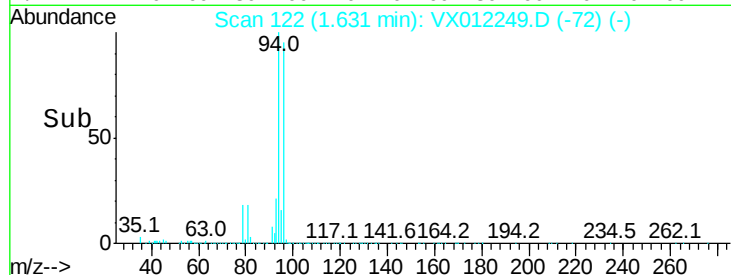
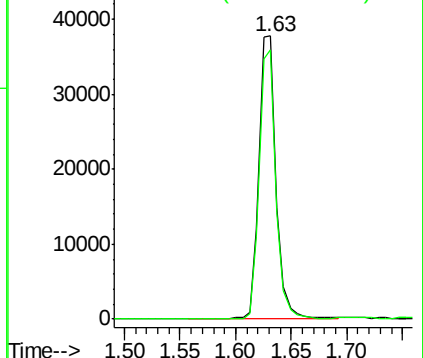
94 100

96 95.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 97.583 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012249.D

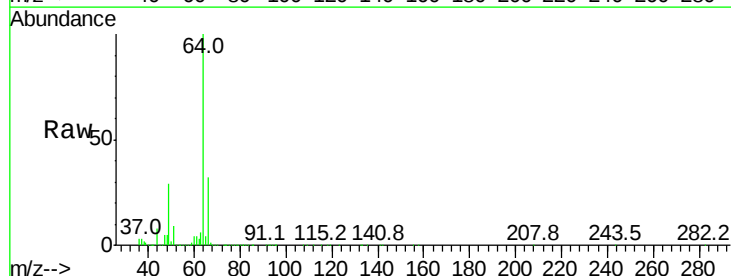
Acq: 10 Sep 2019 10:55

Tgt Ion: 64 Resp: 66918

Ion Ratio Lower Upper

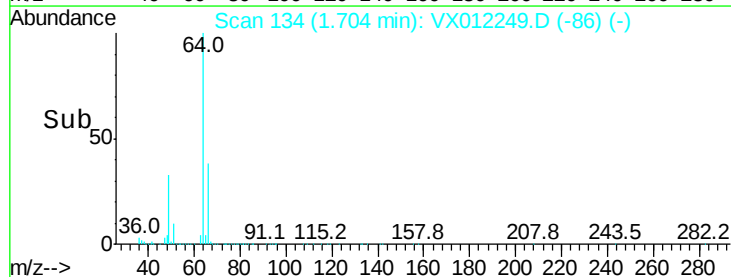
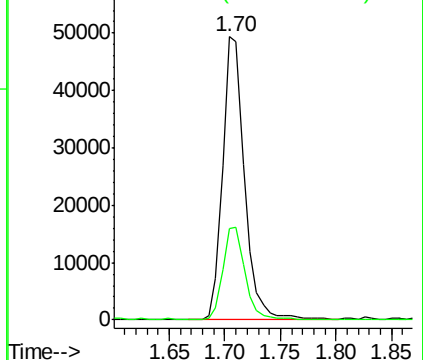
64 100

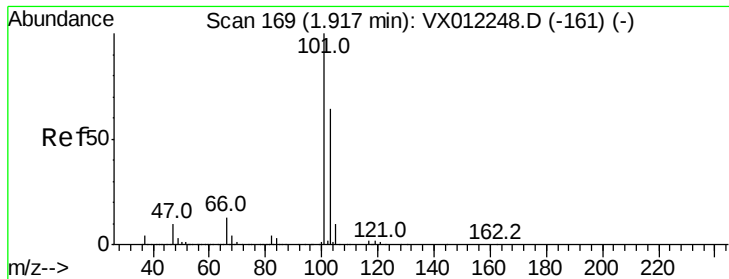
66 32.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



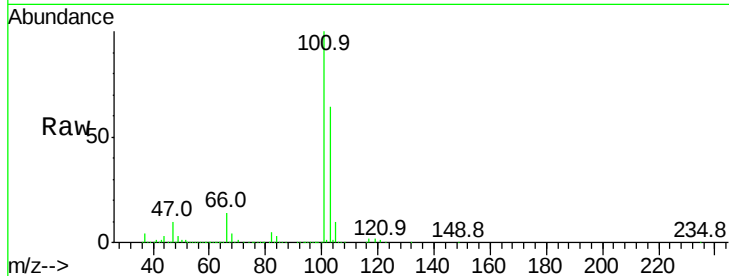


#7

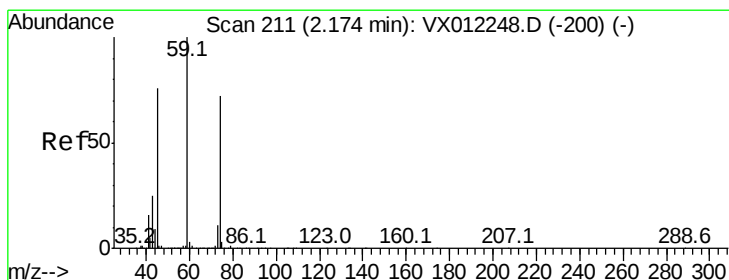
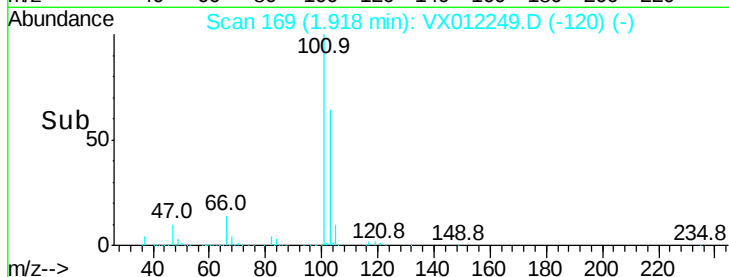
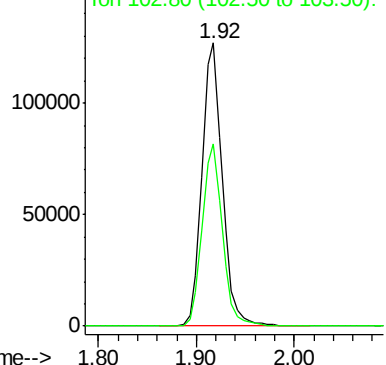
Trichlorofluoromethane
Concen: 98.682 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012249.D
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Instrument :
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Tgt Ion:101 Resp: 183366
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2



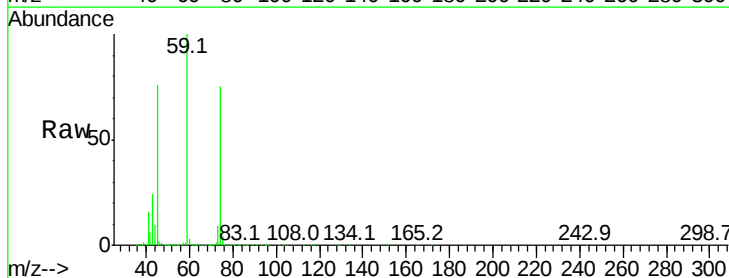
Abundance Ion 100.90 (100.60 to 101.60): V



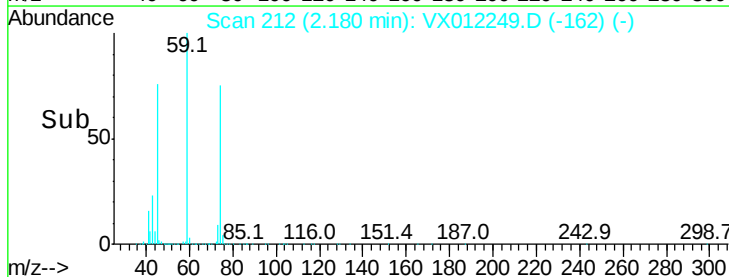
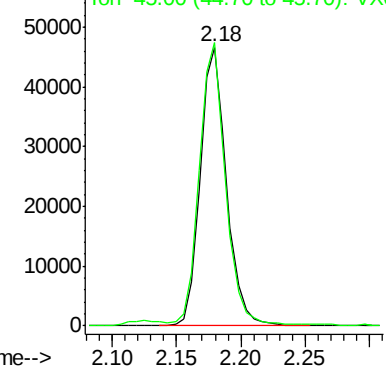
#8

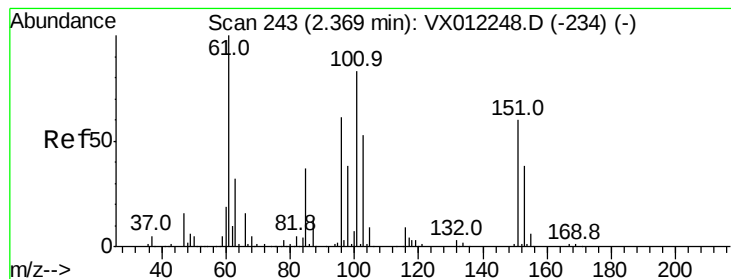
Diethyl Ether
Concen: 80.615 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX012249.D
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Tgt Ion: 74 Resp: 66569
Ion Ratio Lower Upper
74 100
45 100.5 51.3 153.9



Abundance Ion 74.00 (73.70 to 74.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.578 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

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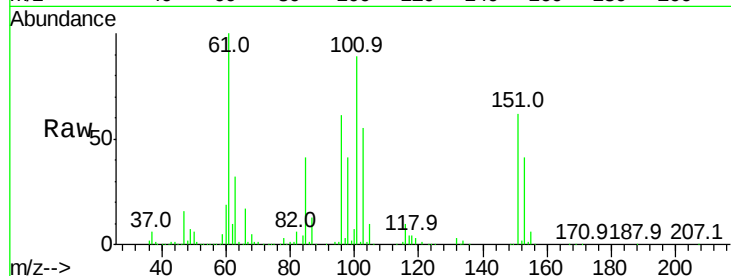
Tgt Ion:101 Resp: 130913

Ion Ratio Lower Upper

101 100

85 46.3 37.0 55.6

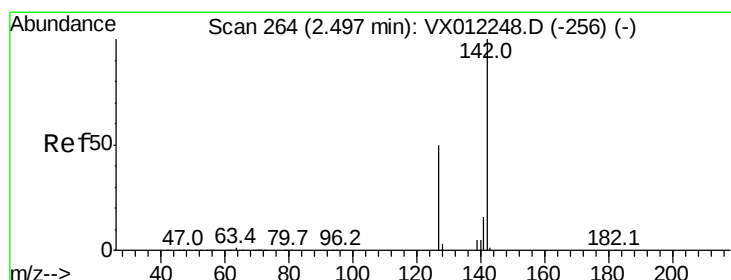
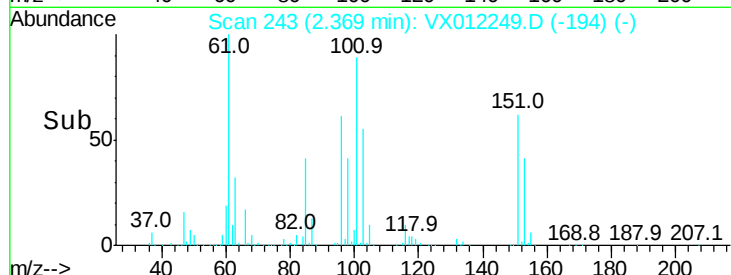
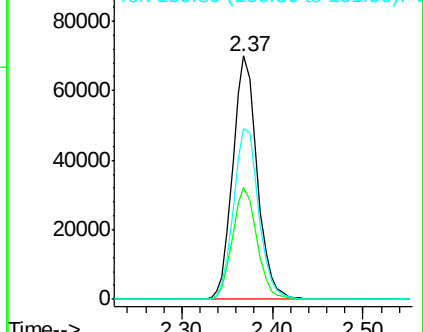
151 72.7 58.6 87.8



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: 105.316 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

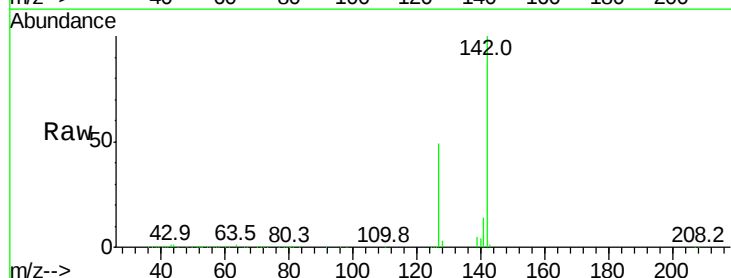
Tgt Ion:142 Resp: 143169

Ion Ratio Lower Upper

142 100

127 50.6 40.6 61.0

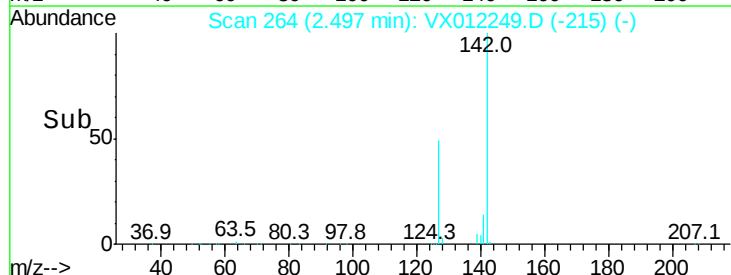
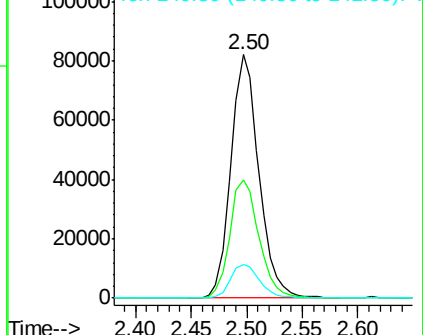
141 14.4 12.0 18.0

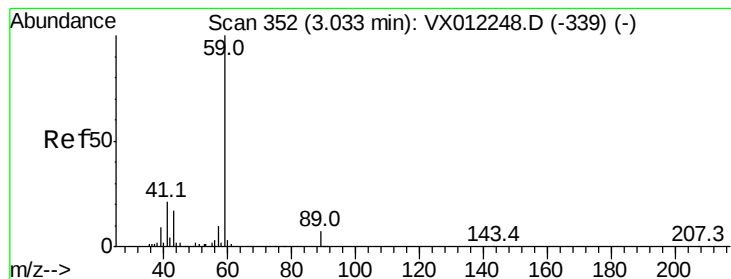


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



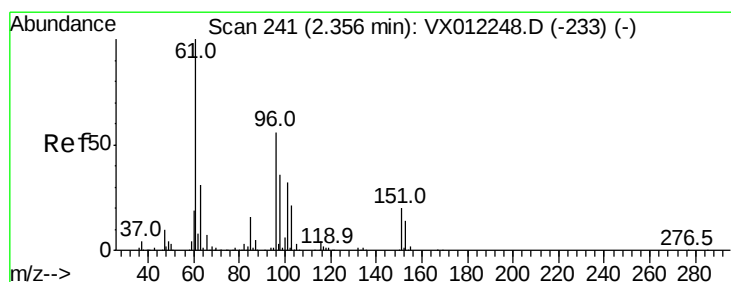
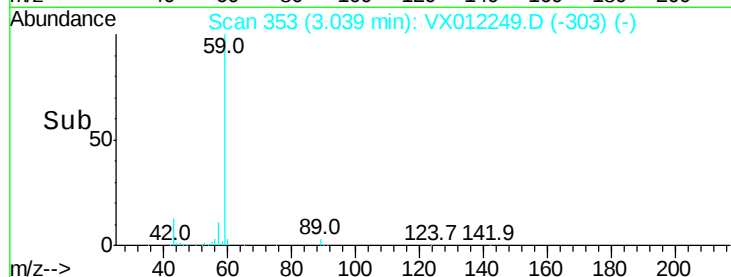
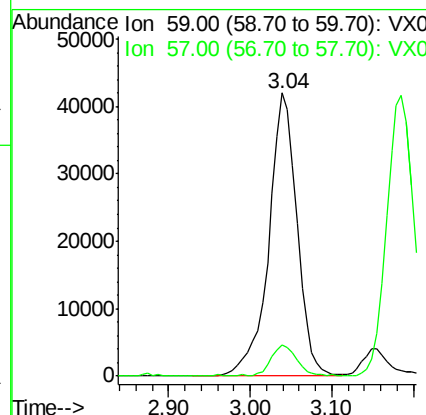
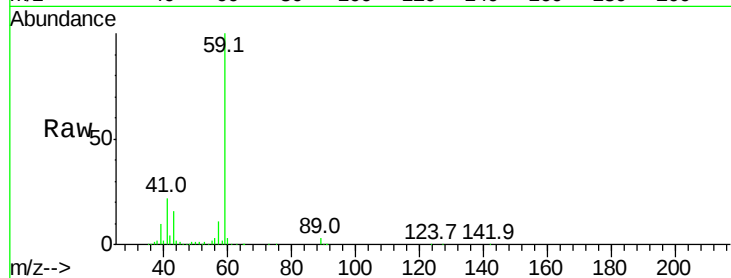


#11

Tert butyl alcohol
Concen: 492.249 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

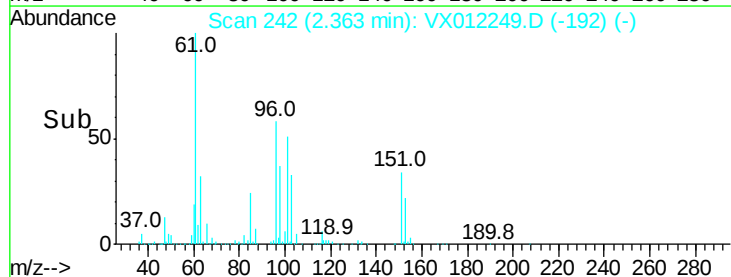
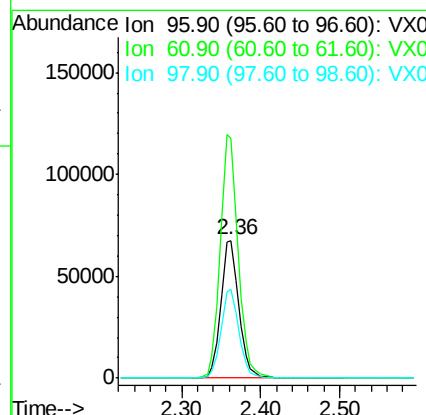
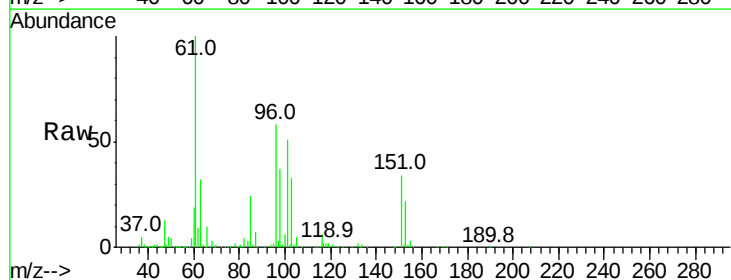
Tgt Ion: 59 Resp: 100902
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.6

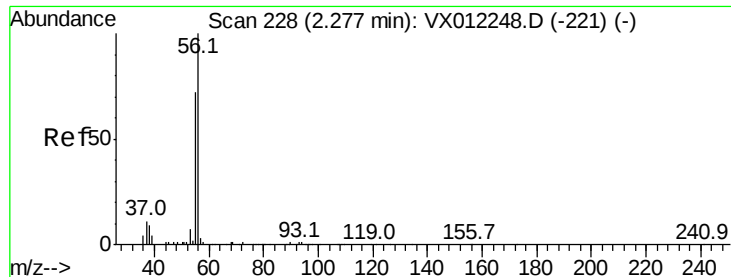


#12

1,1-Dichloroethene
Concen: 93.087 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion: 96 Resp: 108523
Ion Ratio Lower Upper
96 100
61 173.8 142.2 213.2
98 64.4 51.3 76.9





#13

Acrolein

Concen: 428.987 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

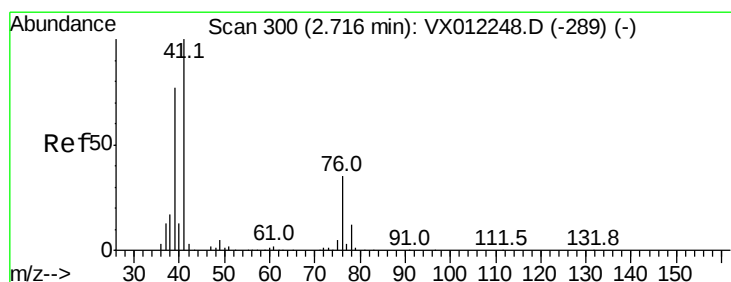
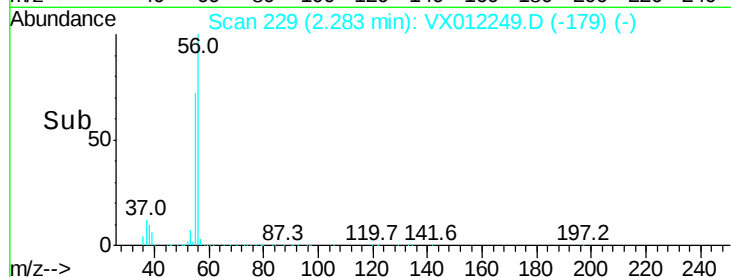
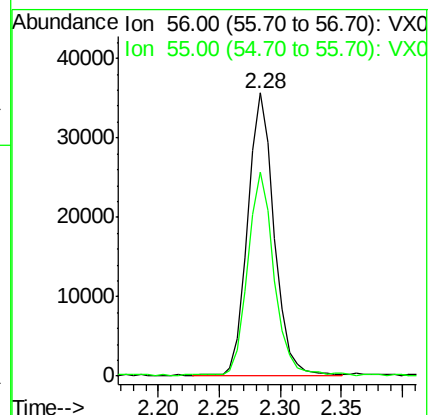
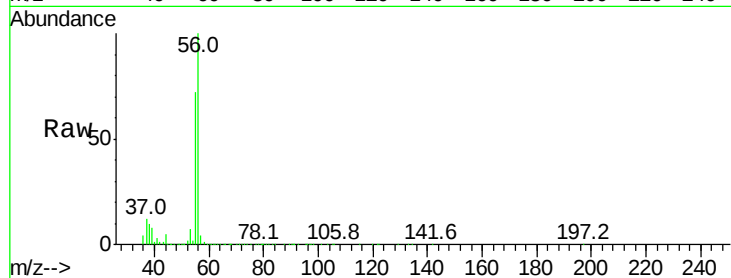
VSTDIC100

Tgt Ion: 56 Resp: 53310

Ion Ratio Lower Upper

56 100

55 71.8 59.8 89.6



#14

Allyl chloride

Concen: 96.438 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

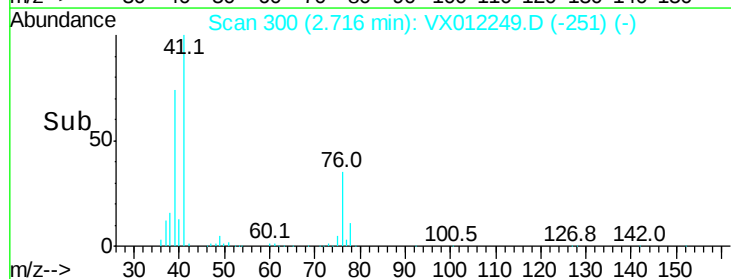
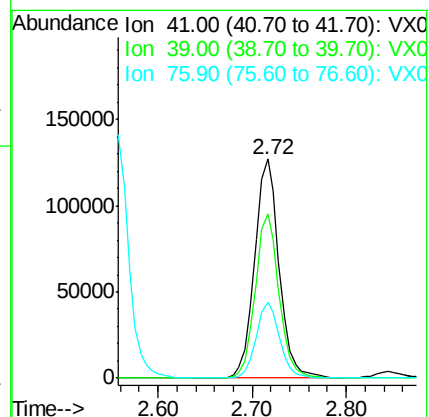
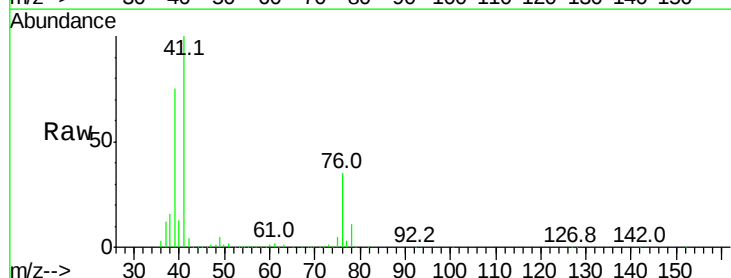
Tgt Ion: 41 Resp: 232023

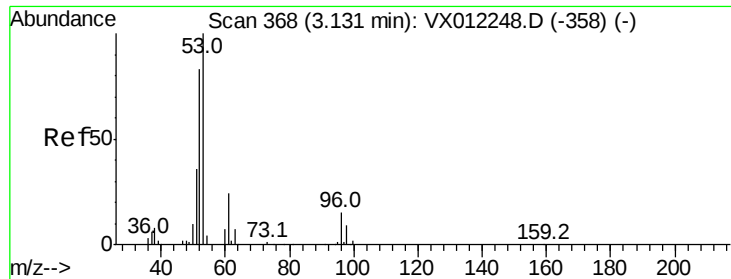
Ion Ratio Lower Upper

41 100

39 72.6 58.6 87.8

76 33.1 26.3 39.5





#15

Acrylonitrile

Concen: 469.448 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

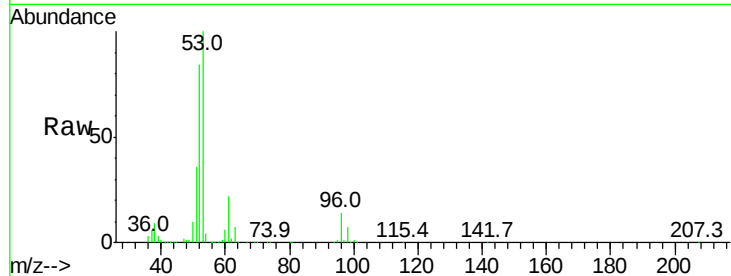
Tgt Ion: 53 Resp: 214237

Ion Ratio Lower Upper

53 100

52 82.4 66.8 100.2

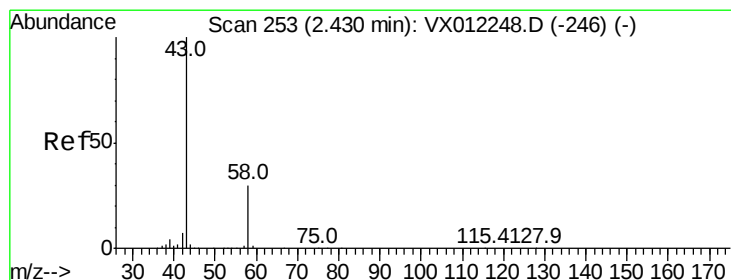
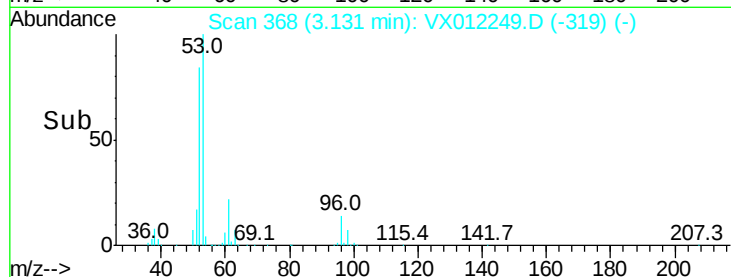
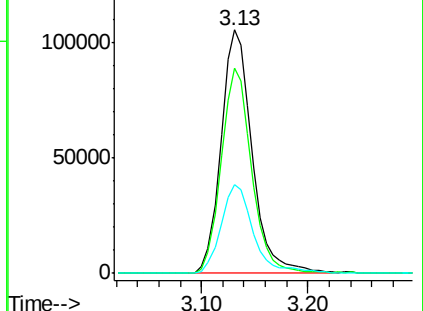
51 37.6 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 482.405 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012249.D

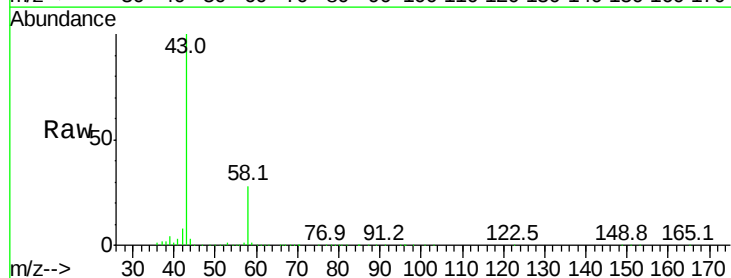
Acq: 10 Sep 2019 10:55

Tgt Ion: 43 Resp: 224778

Ion Ratio Lower Upper

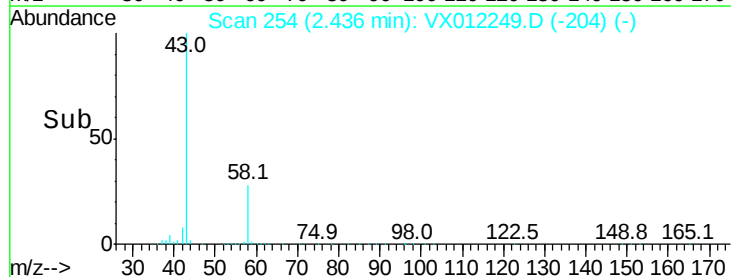
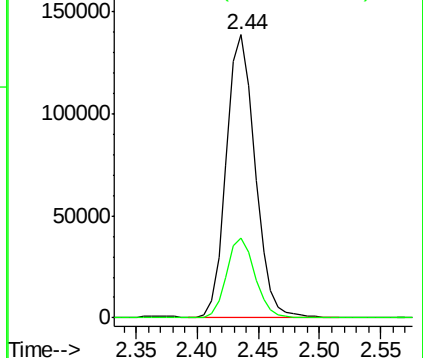
43 100

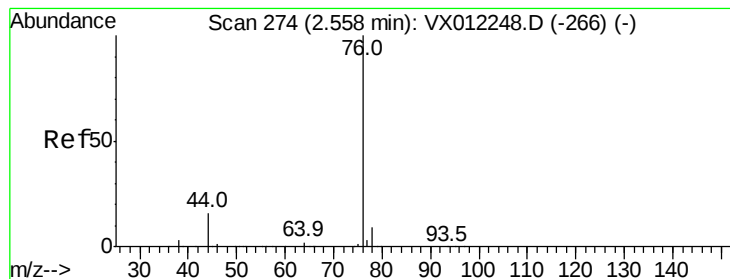
58 28.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 97.320 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

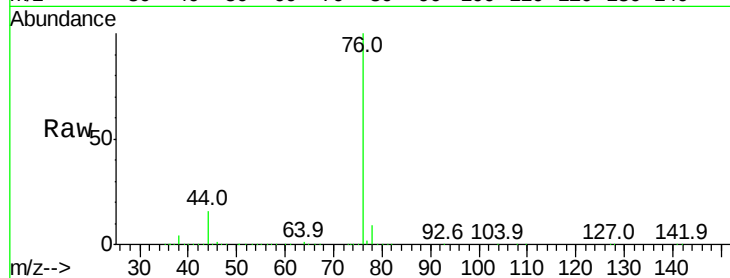
VSTDIC100

Tgt Ion: 76 Resp: 233500

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

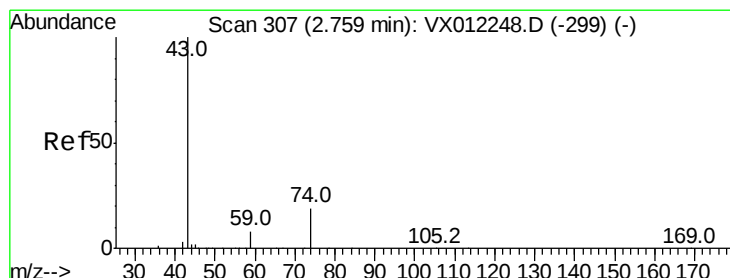
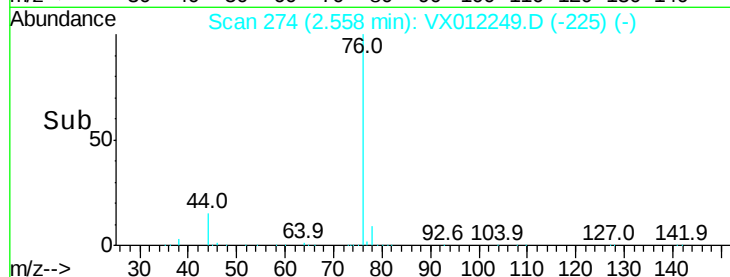
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 86.842 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX012249.D

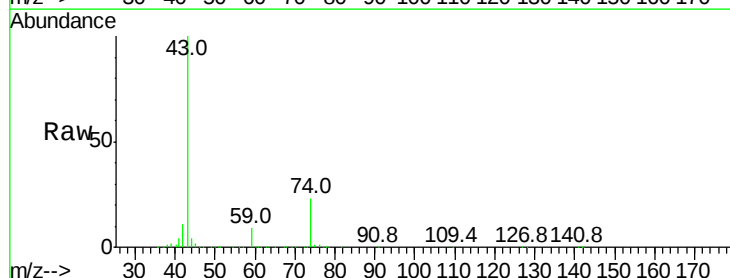
Acq: 10 Sep 2019 10:55

Tgt Ion: 43 Resp: 102821

Ion Ratio Lower Upper

43 100

74 21.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

60000

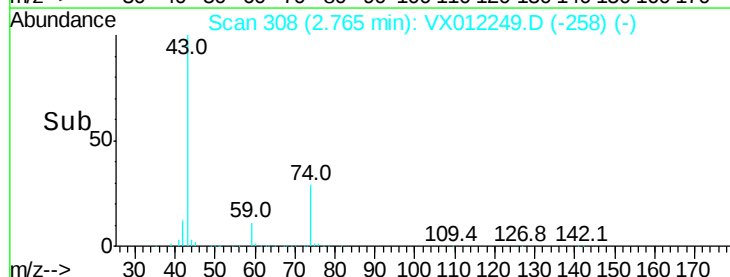
40000

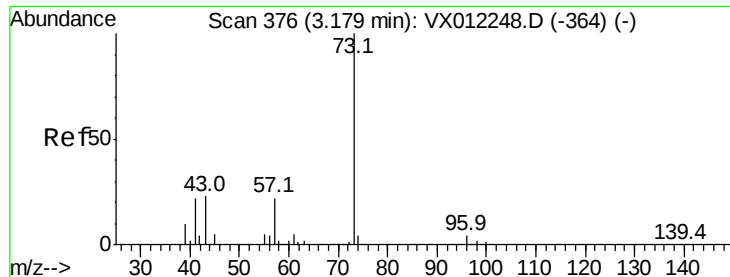
20000

0

2.70 2.80

Time-->





#19

Methyl tert-butyl Ether

Concen: 95.531 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.01 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

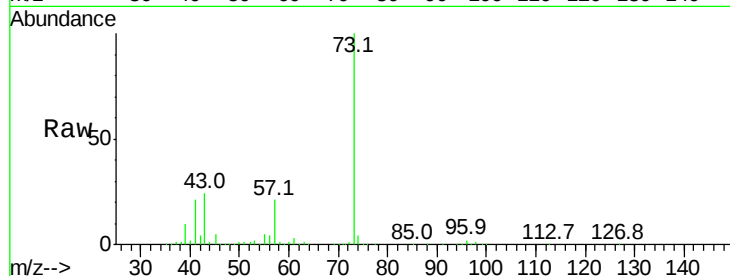
VSTDIC100

Tgt Ion: 73 Resp: 458129

Ion Ratio Lower Upper

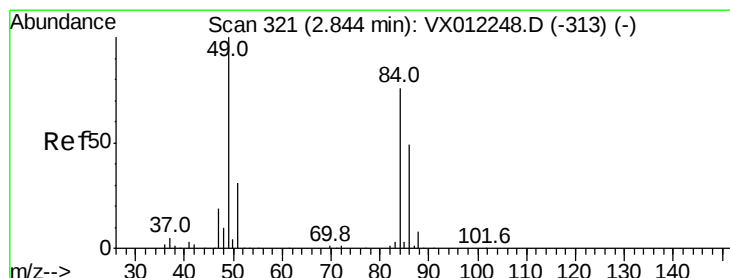
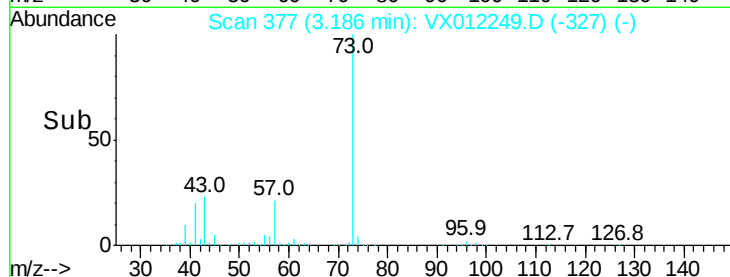
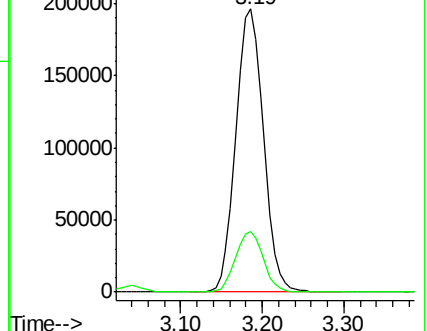
73 100

57 21.2 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 77.130 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Tgt Ion: 84 Resp: 150804

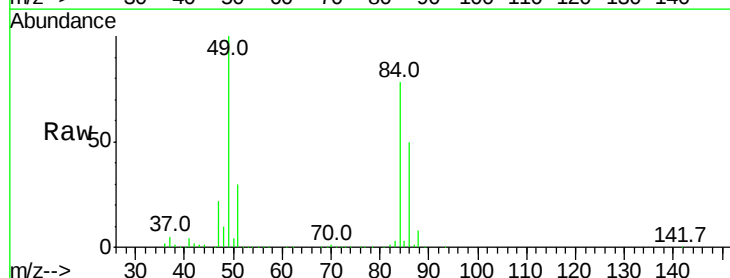
Ion Ratio Lower Upper

84 100

49 128.0 105.0 157.6

51 38.6 32.6 48.8

86 64.1 51.8 77.6

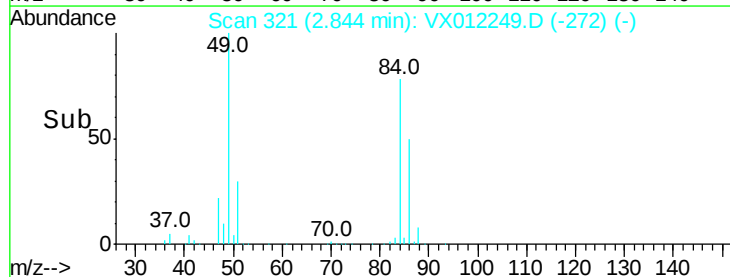
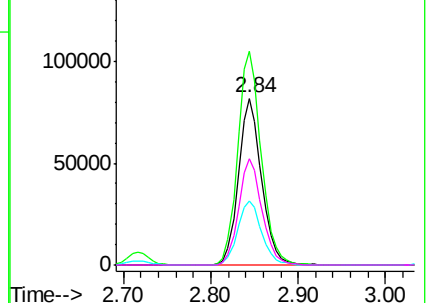


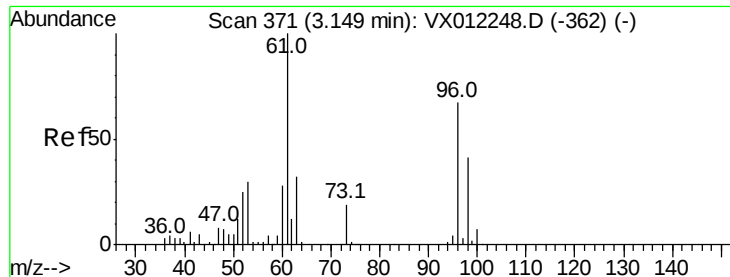
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 92.932 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

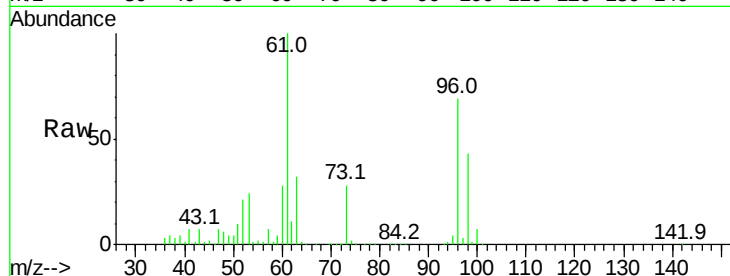
Tgt Ion: 96 Resp: 131140

Ion Ratio Lower Upper

96 100

61 144.1 119.4 179.2

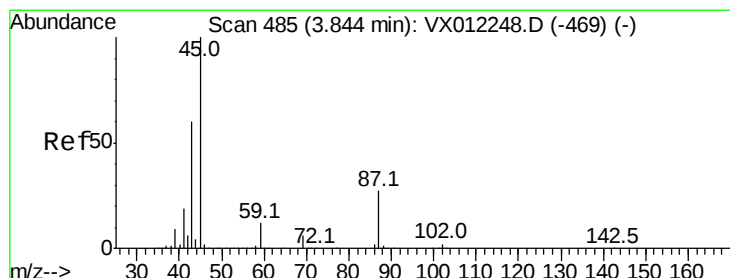
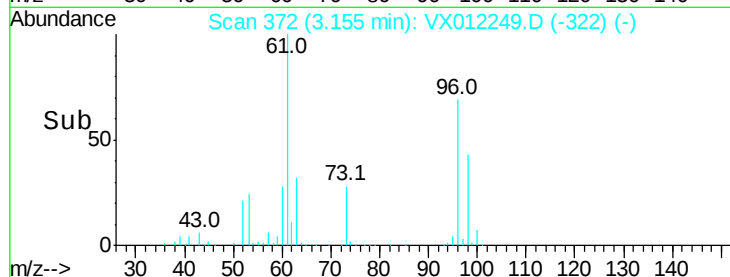
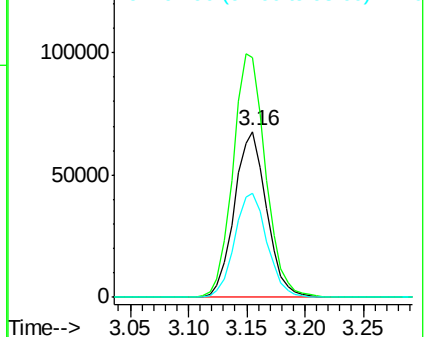
98 62.4 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 94.966 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Tgt Ion: 45 Resp: 532704

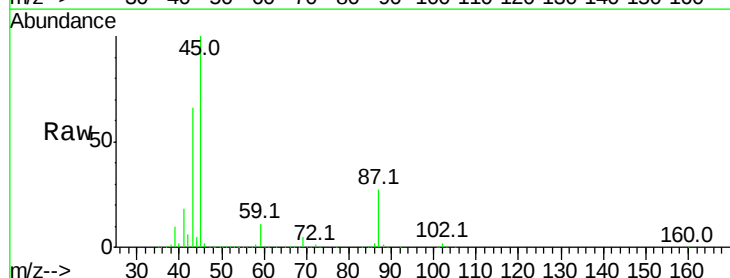
Ion Ratio Lower Upper

45 100

43 65.9 48.3 72.5

87 26.9 21.8 32.8

59 11.2 9.1 13.7

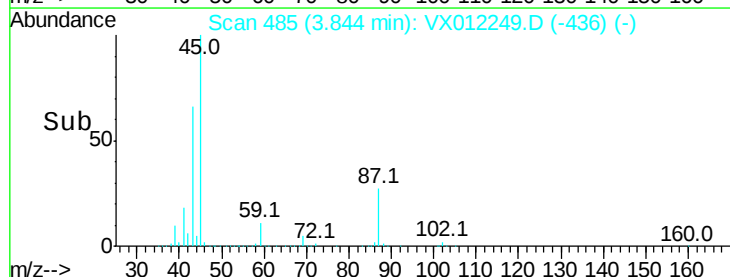
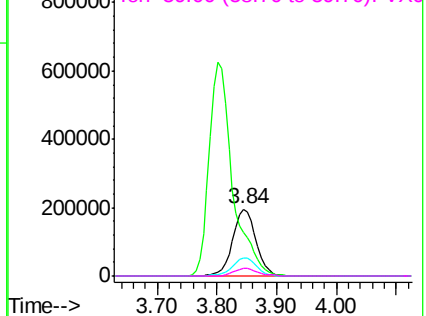


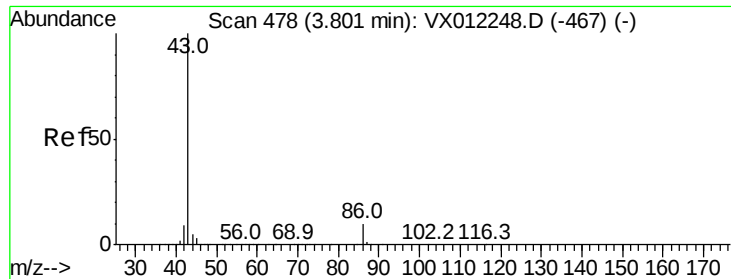
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

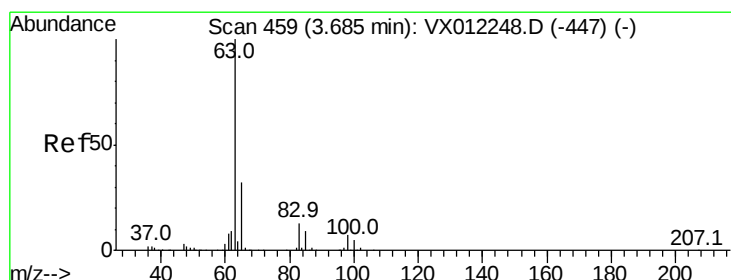
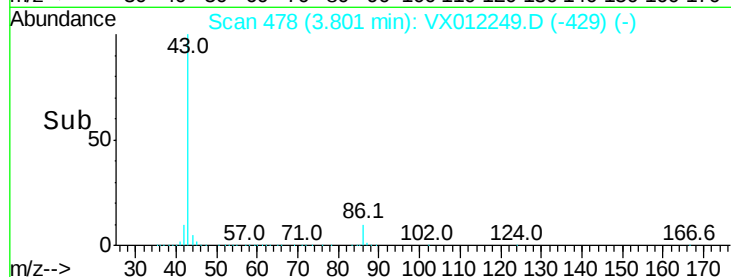
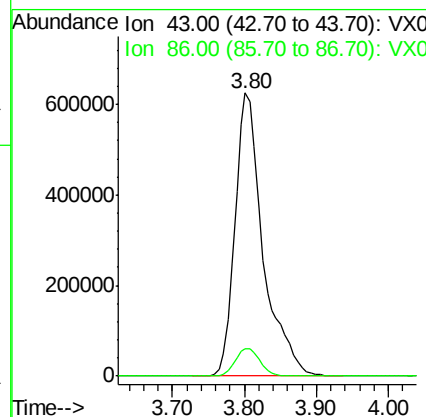
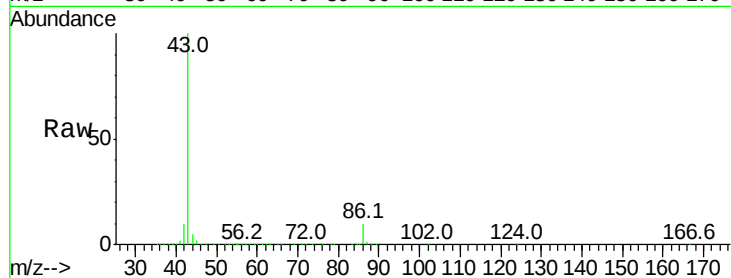




#23
 Vinyl Acetate
 Concen: 494.983 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

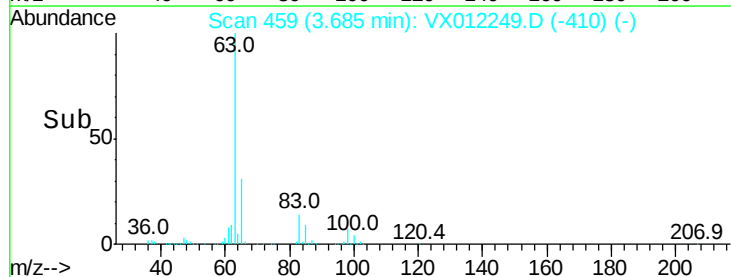
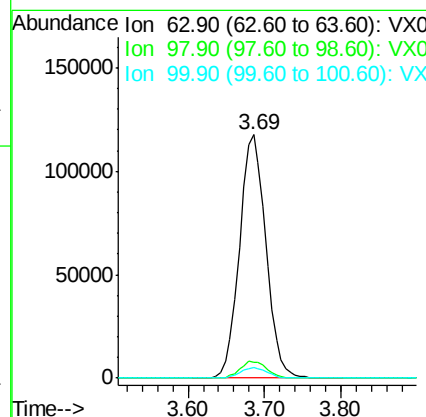
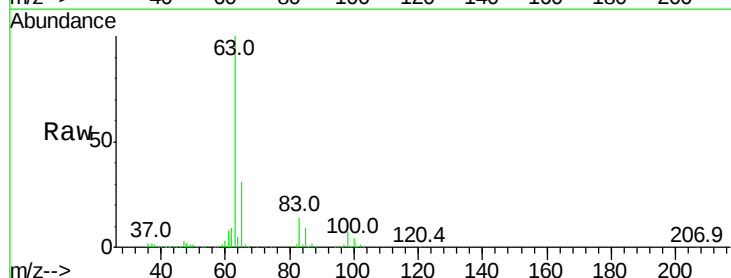
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

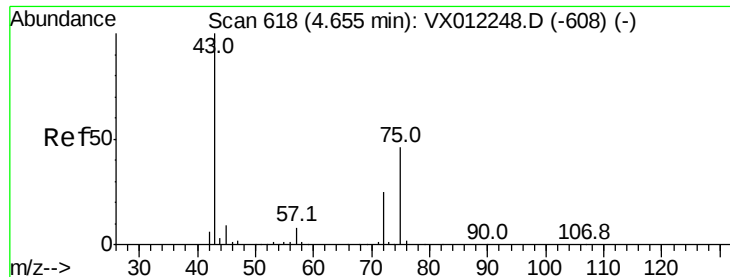
Tgt Ion: 43 Resp: 1695103
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 93.843 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

Tgt Ion: 63 Resp: 280985
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 486.219 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

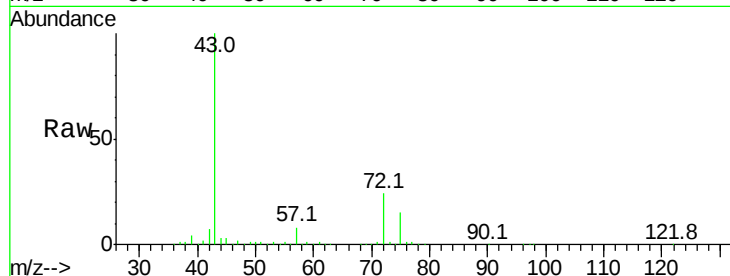
VSTDIC100

Tgt Ion: 43 Resp: 310603

Ion Ratio Lower Upper

43 100

72 23.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

120000

100000

80000

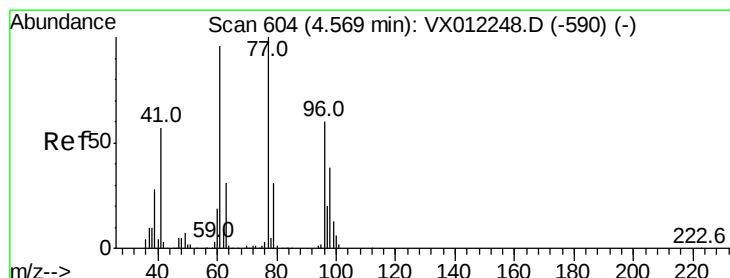
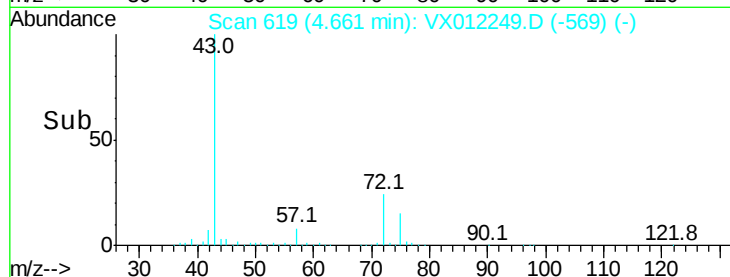
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 93.867 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012249.D

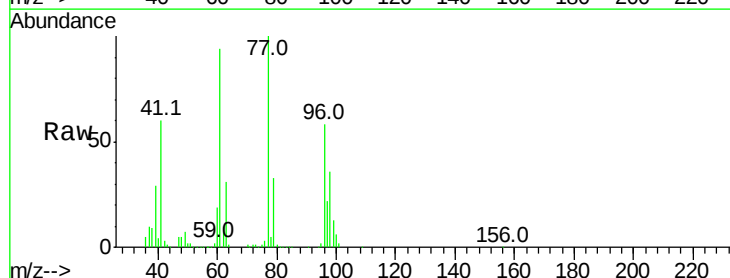
Acq: 10 Sep 2019 10:55

Tgt Ion: 77 Resp: 260655

Ion Ratio Lower Upper

77 100

97 21.0 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

80000

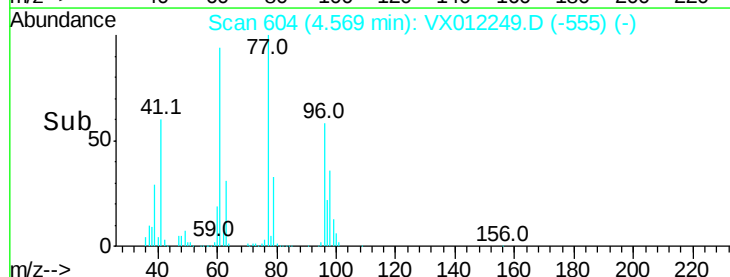
60000

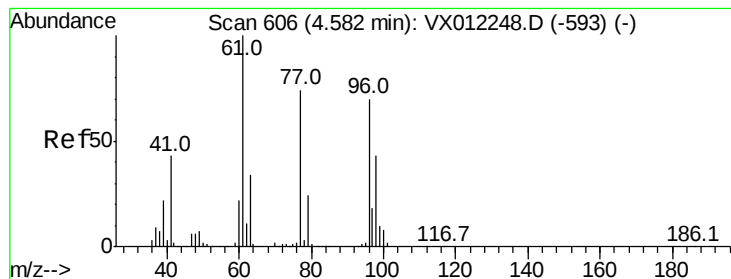
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 93.220 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

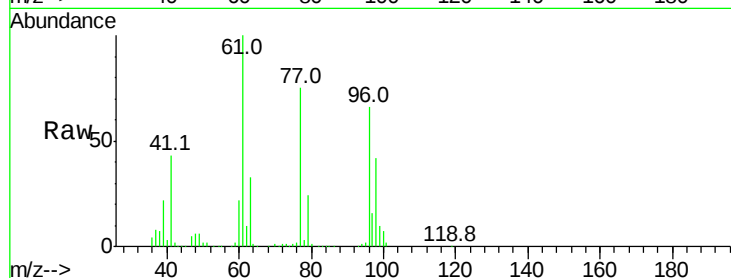
Tgt Ion: 96 Resp: 173315

Ion Ratio Lower Upper

96 100

61 154.3 0.0 310.4

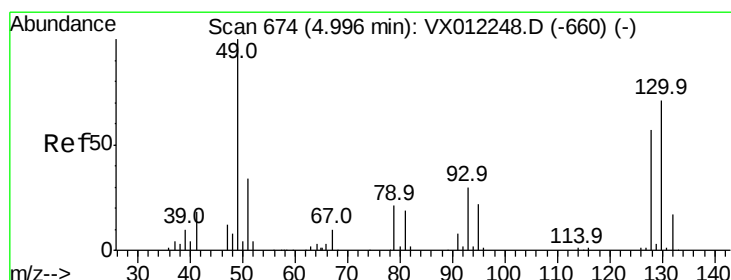
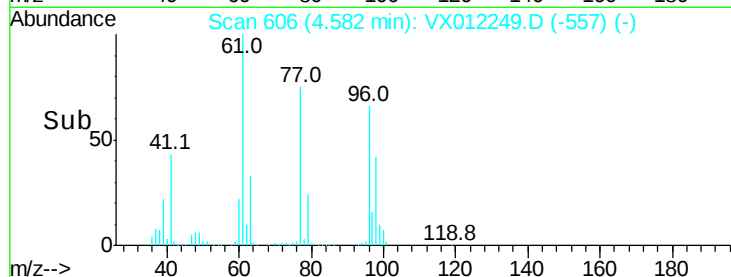
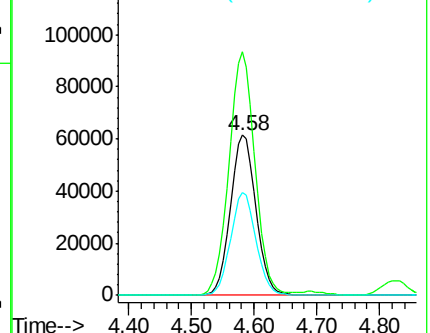
98 63.7 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 100.053 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

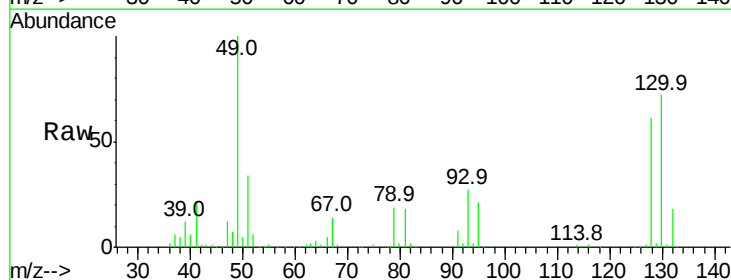
Tgt Ion: 49 Resp: 137402

Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.2

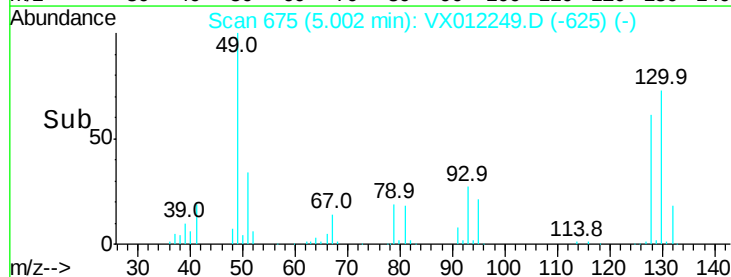
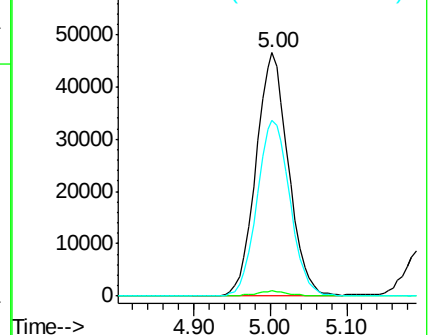
130 73.3 60.1 90.1

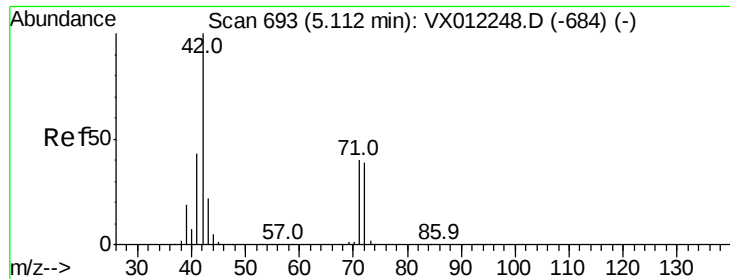


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 466.906 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

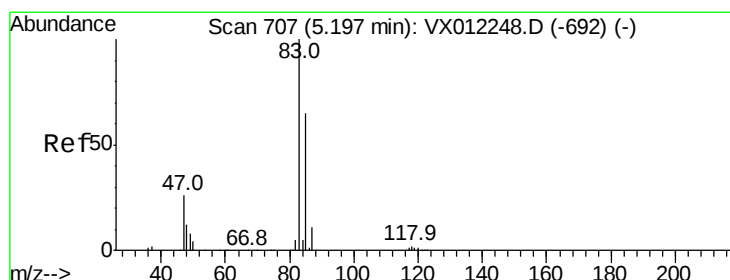
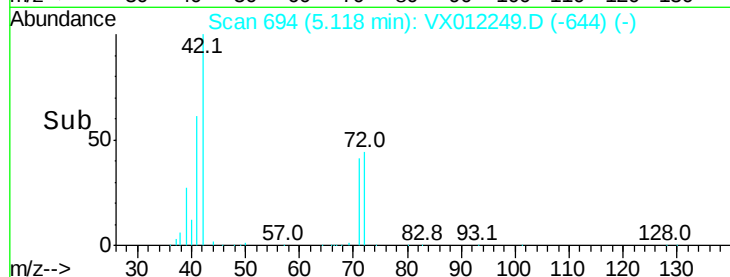
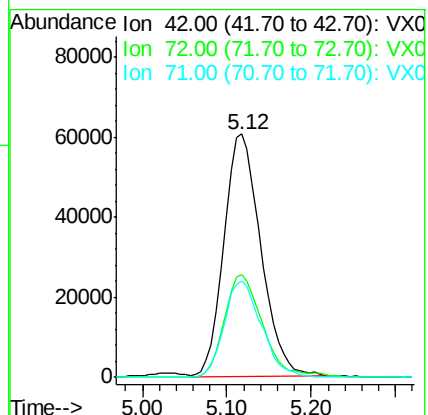
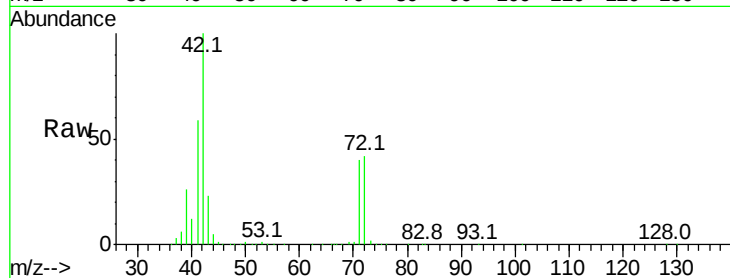
Tgt Ion: 42 Resp: 180894

Ion Ratio Lower Upper

42 100

72 44.4 35.2 52.8

71 40.6 32.5 48.7



#30

Chloroform

Concen: 91.601 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012249.D

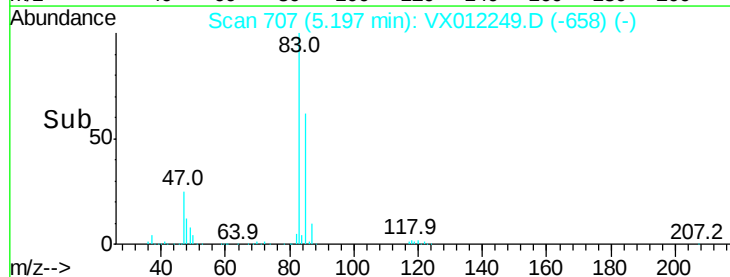
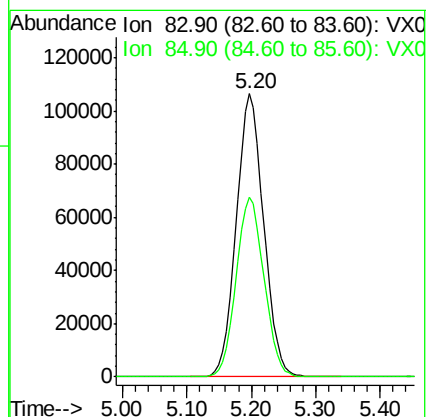
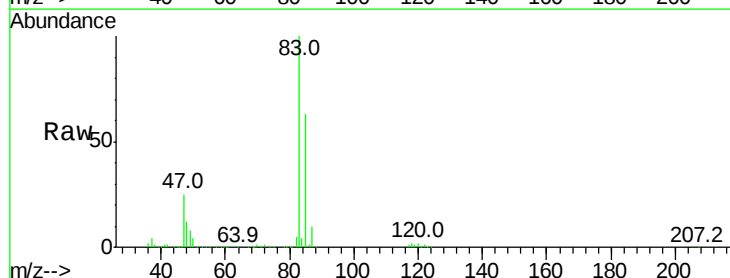
Acq: 10 Sep 2019 10:55

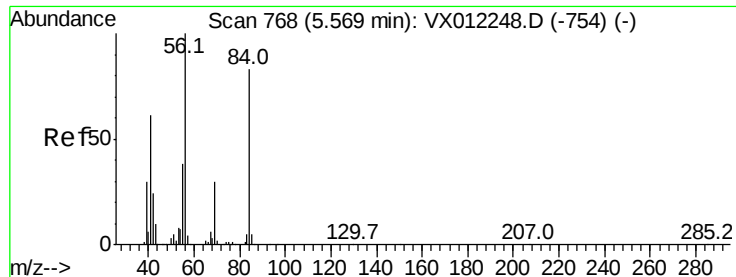
Tgt Ion: 83 Resp: 313818

Ion Ratio Lower Upper

83 100

85 63.4 52.3 78.5

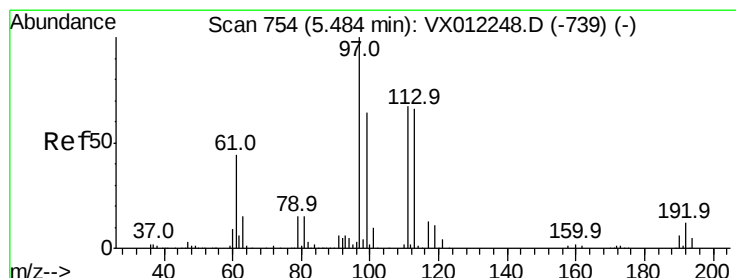
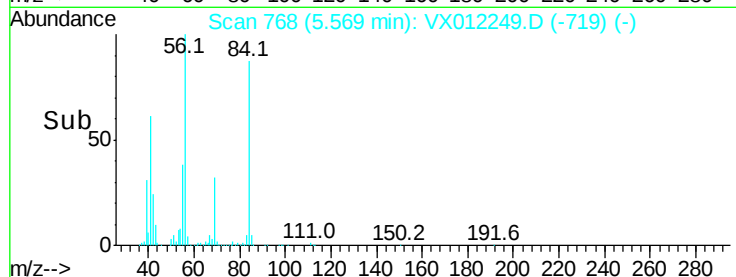
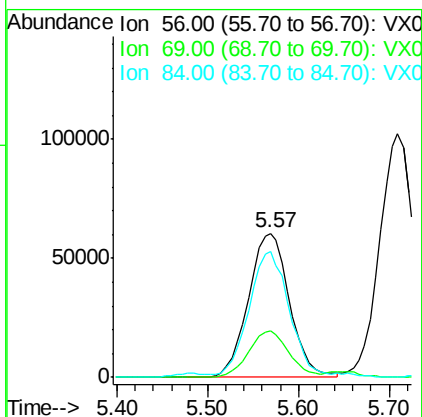
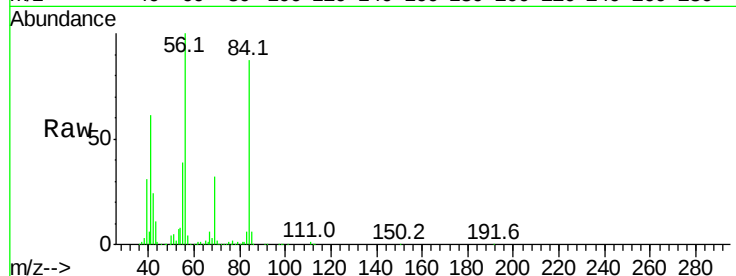




#31
Cyclohexane
Concen: 93.863 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

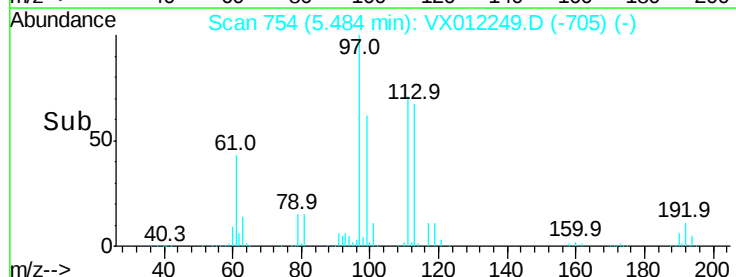
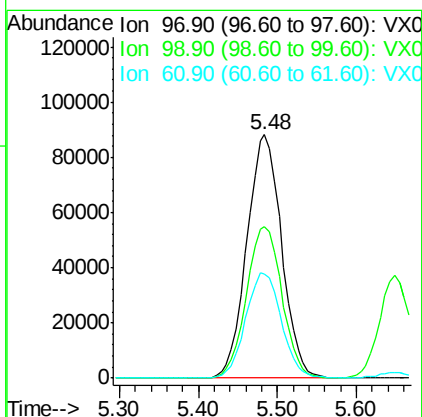
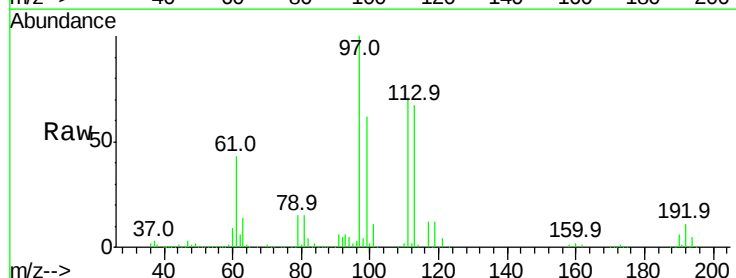
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

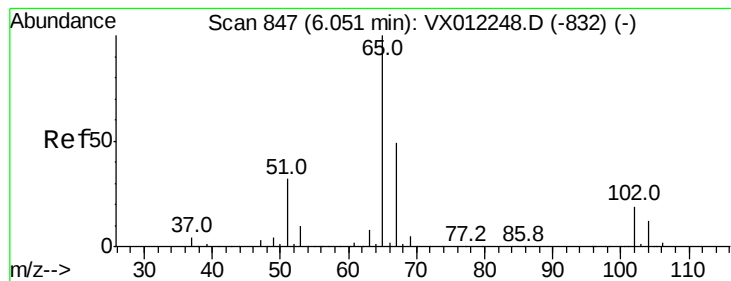
Tgt Ion: 56 Resp: 189010
Ion Ratio Lower Upper
56 100
69 32.2 23.8 35.6
84 84.4 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 95.356 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion: 97 Resp: 270572
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 44.6 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 95.951 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

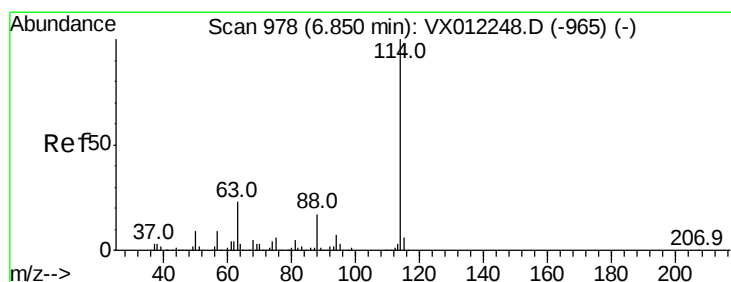
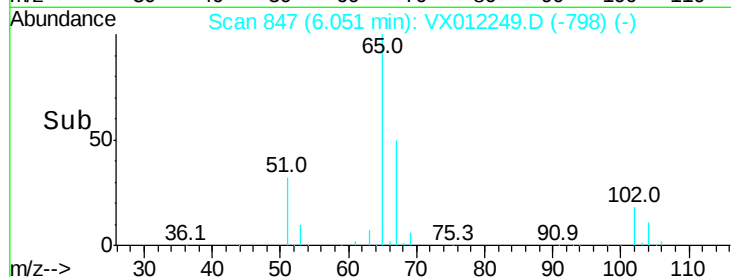
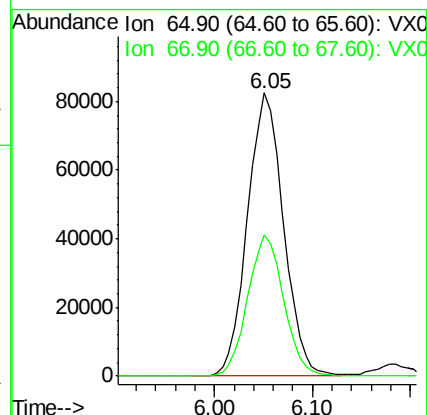
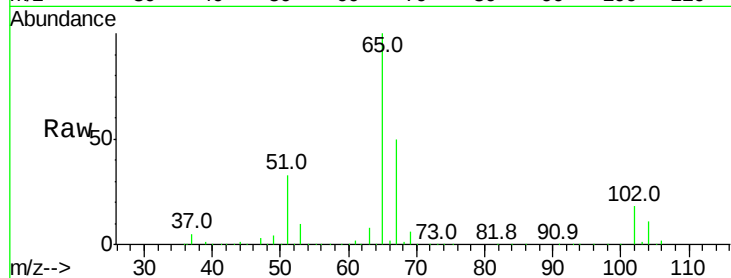
VSTDIC100

Tgt Ion: 65 Resp: 211540

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

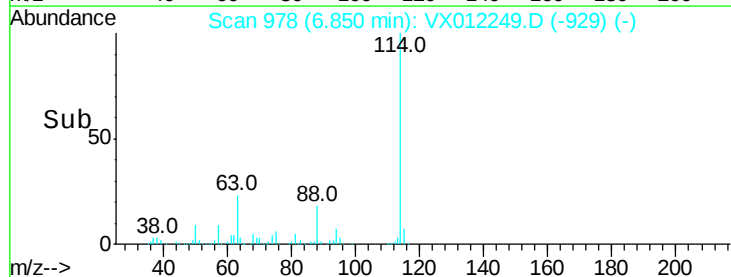
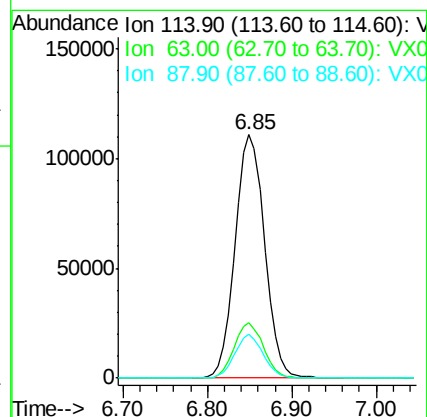
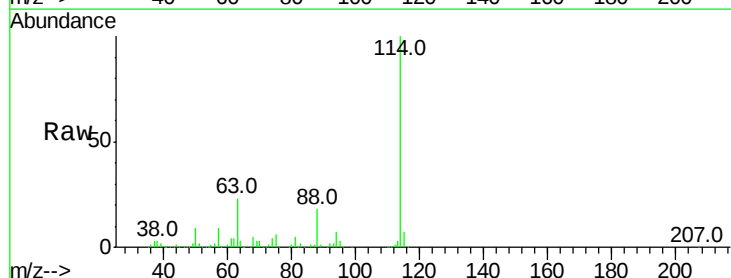
Tgt Ion: 114 Resp: 262755

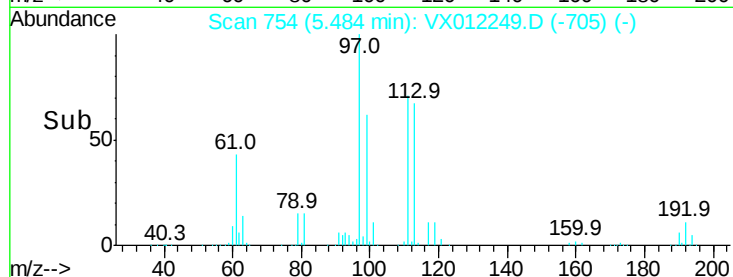
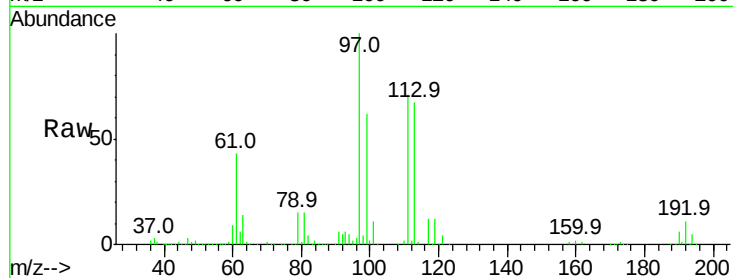
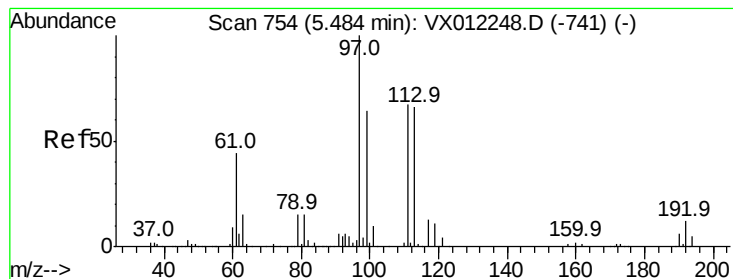
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

88 18.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 96.184 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

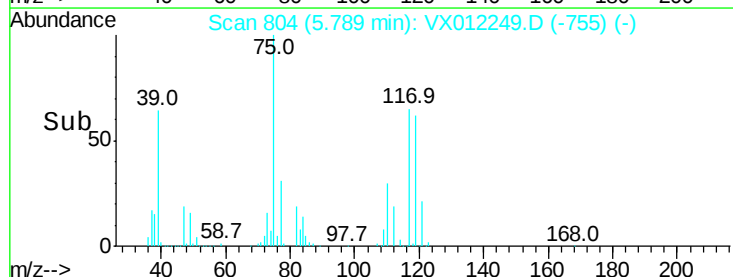
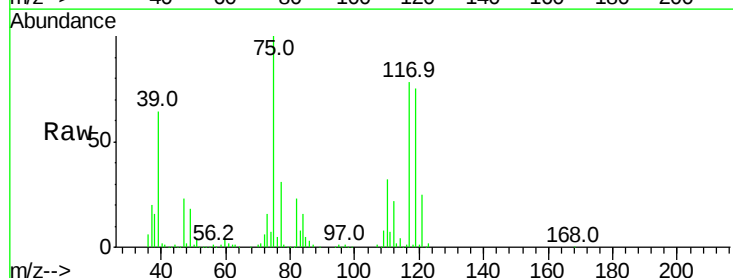
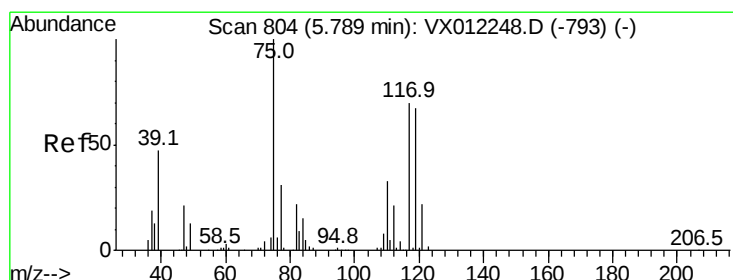
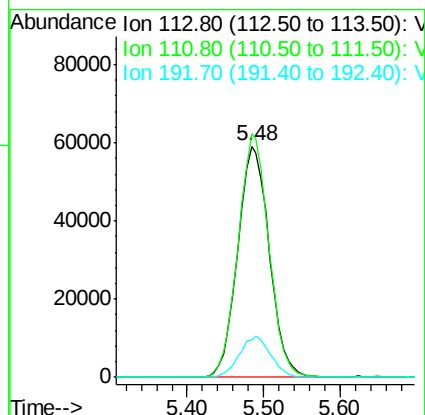
Tgt Ion:113 Resp: 169367

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 17.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 95.371 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

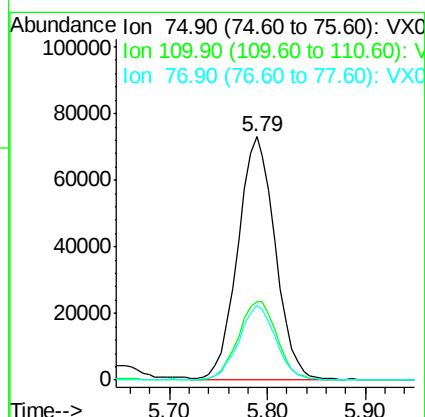
Tgt Ion: 75 Resp: 192804

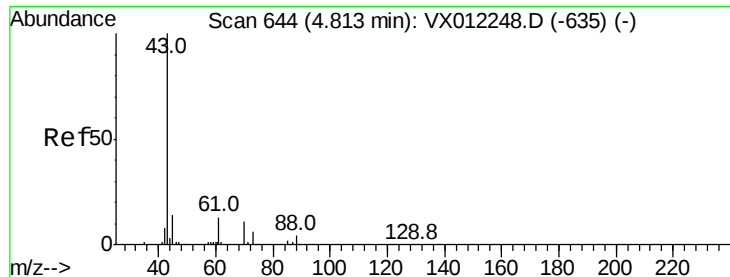
Ion Ratio Lower Upper

75 100

110 33.9 16.8 50.4

77 30.6 24.5 36.7





#37

Ethyl Acetate

Concen: 96.051 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

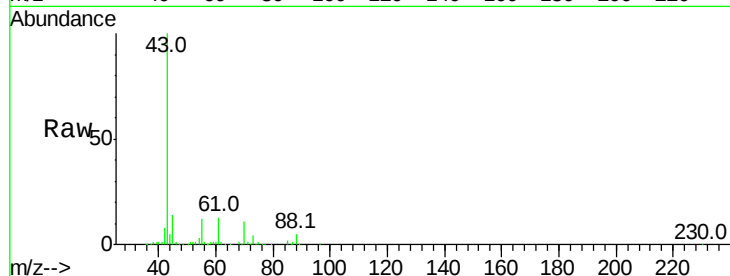
Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 128258

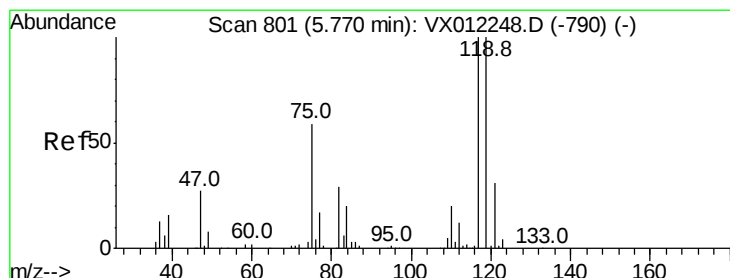
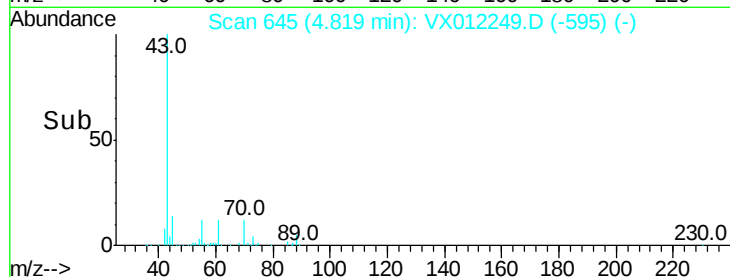
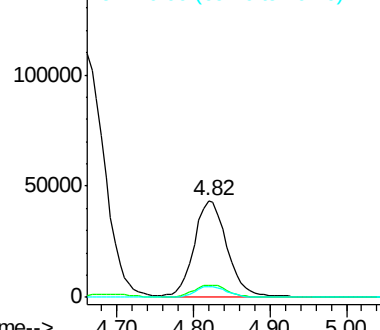
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.3	15.5
70	10.9	9.1	13.7



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: 97.964 ug/l

RT: 5.77 min Scan# 801

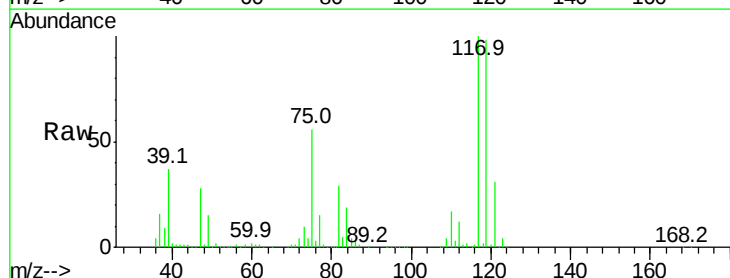
Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Tgt Ion: 117 Resp: 226820

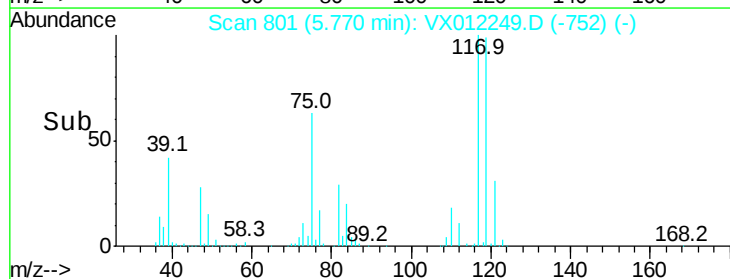
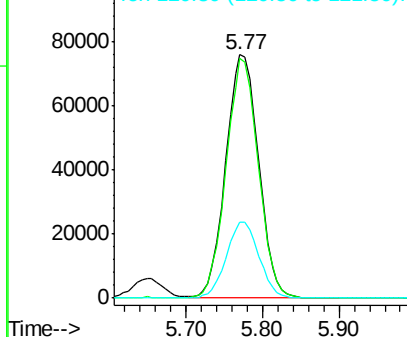
Ion	Ratio	Lower	Upper
117	100		
119	98.3	79.6	119.4
121	31.0	24.7	37.1

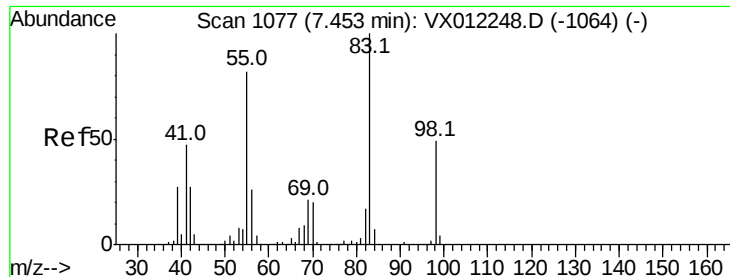


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

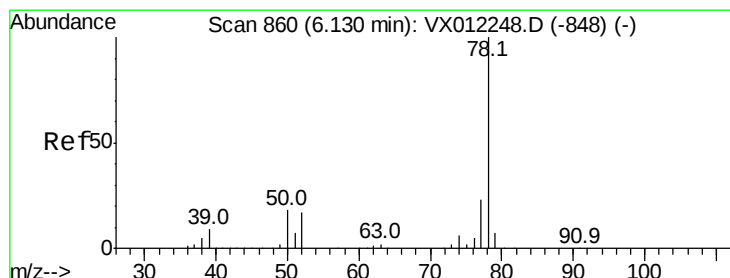
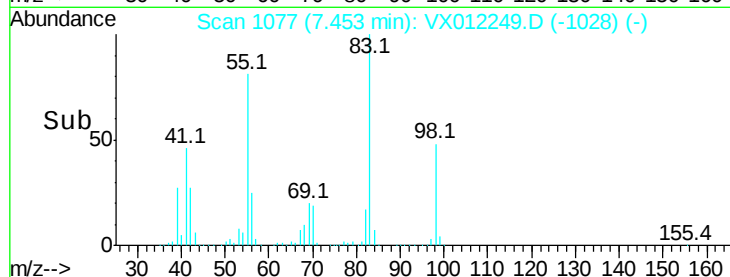
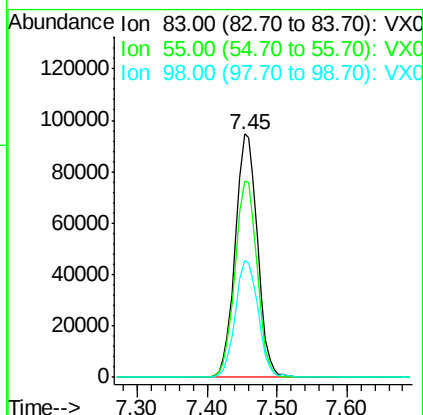
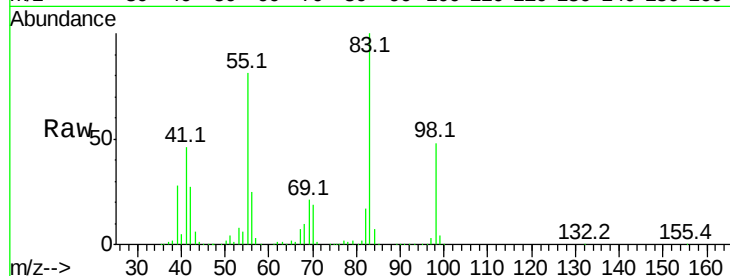




#39
Methylcyclohexane
Concen: 98.657 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

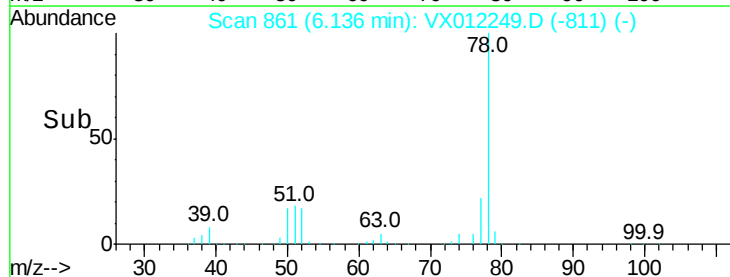
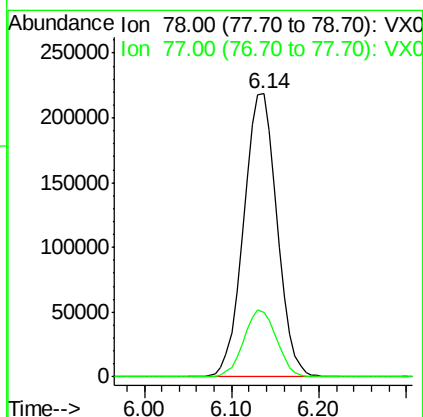
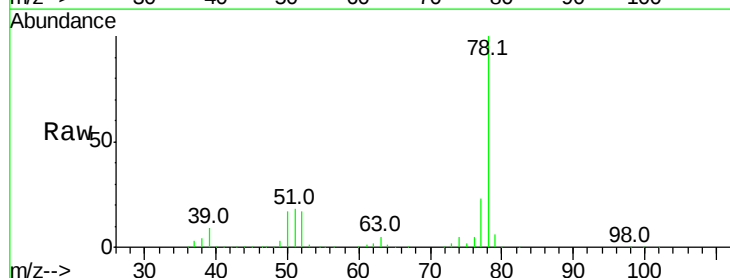
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

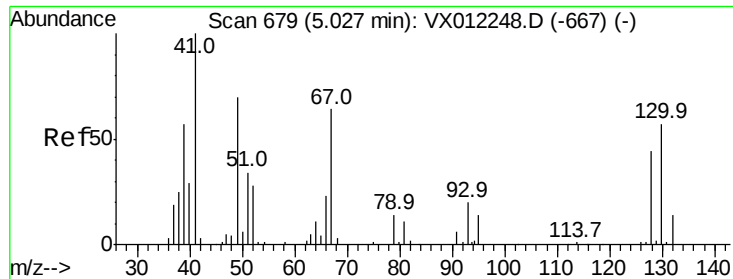
Tgt Ion: 83 Resp: 209875
Ion Ratio Lower Upper
83 100
55 80.5 65.4 98.2
98 47.9 39.6 59.4



#40
Benzene
Concen: 94.540 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion: 78 Resp: 579872
Ion Ratio Lower Upper
78 100
77 22.9 18.0 27.0





#41

Methacrylonitrile

Concen: 96.230 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 79314

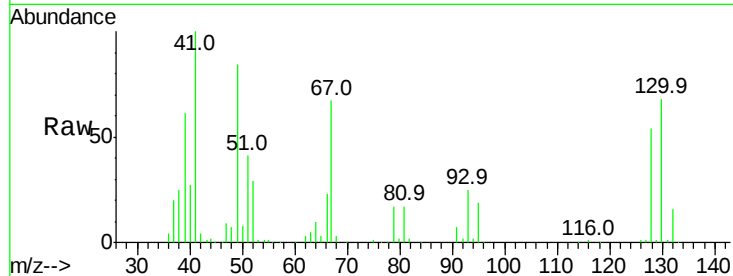
Ion Ratio Lower Upper

41 100

39 57.7 49.0 73.4

67 67.1 55.0 82.4

52 29.4 25.4 38.0

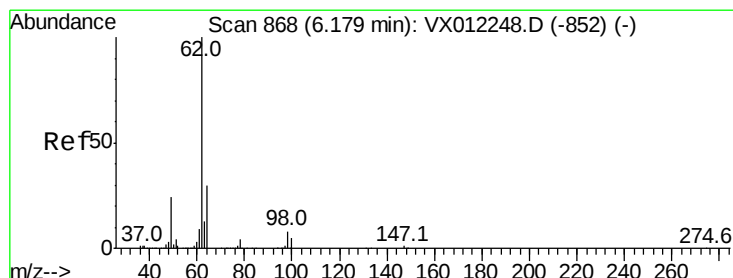
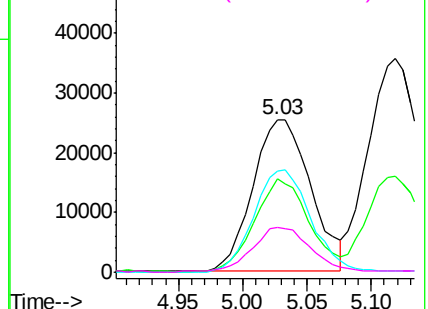
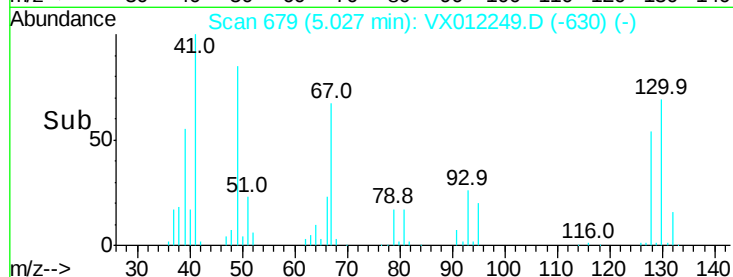


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 94.040 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX012249.D

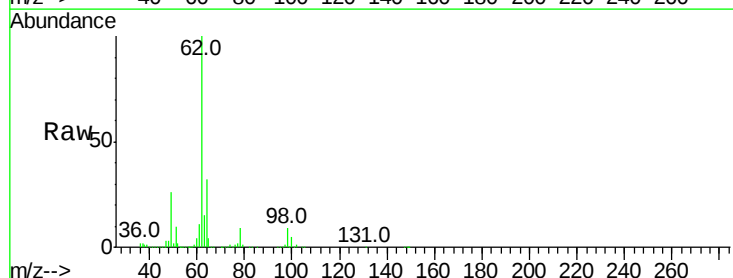
Acq: 10 Sep 2019 10:55

Tgt Ion: 62 Resp: 233091

Ion Ratio Lower Upper

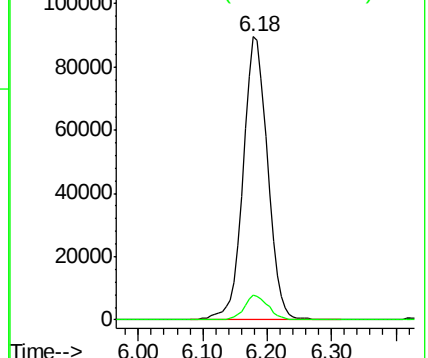
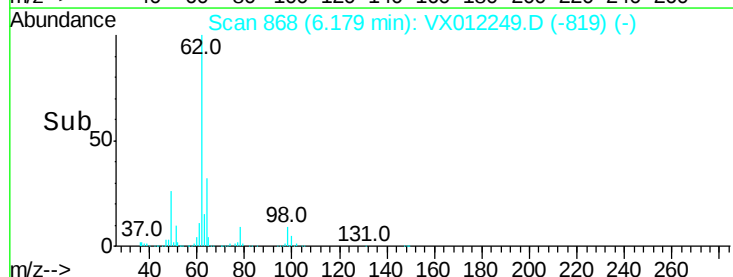
62 100

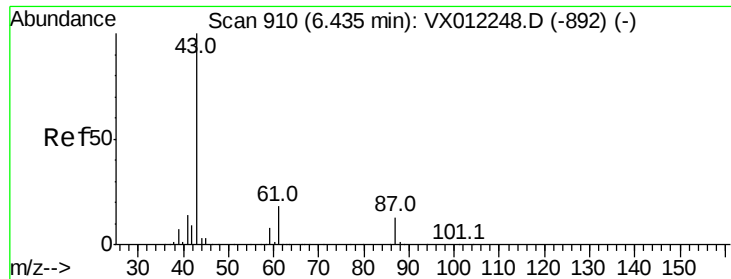
98 8.4 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 95.585 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

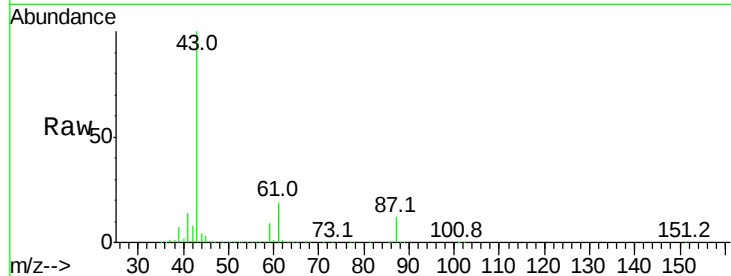
Tgt Ion: 43 Resp: 264250

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.2

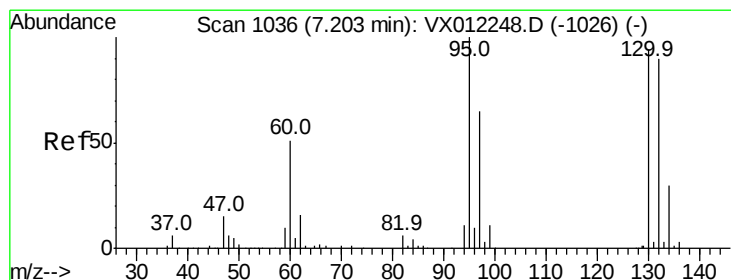
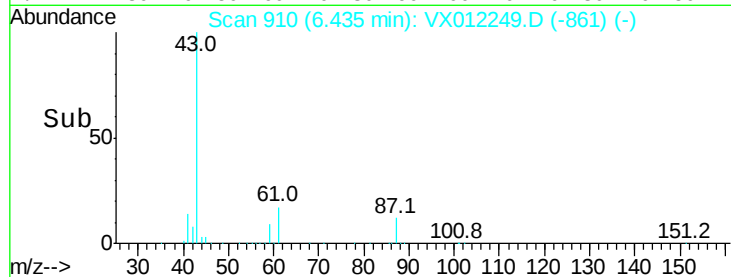
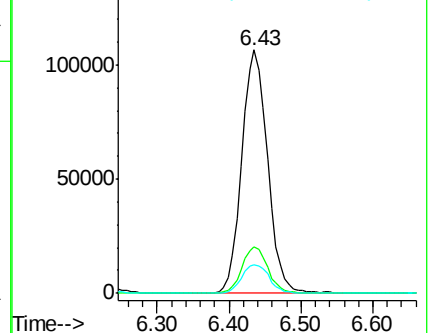
87 12.7 10.5 15.7



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: 94.708 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012249.D

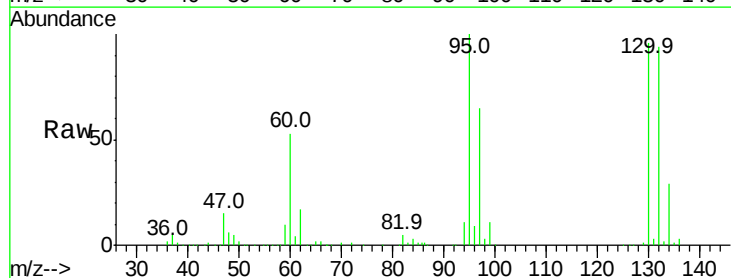
Acq: 10 Sep 2019 10:55

Tgt Ion: 130 Resp: 156662

Ion Ratio Lower Upper

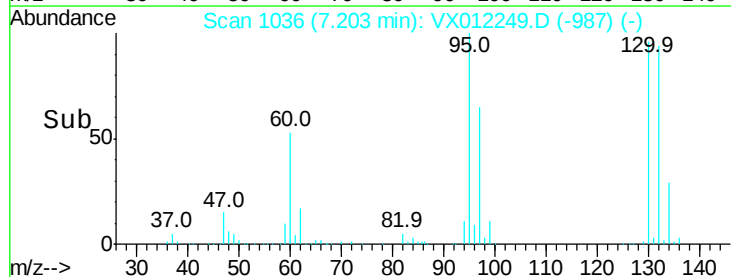
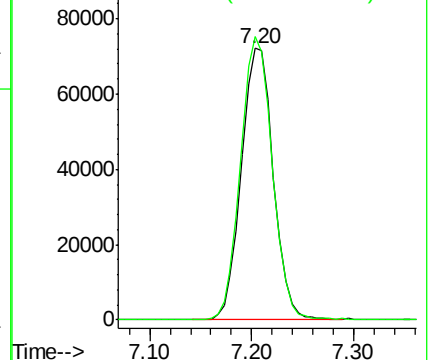
130 100

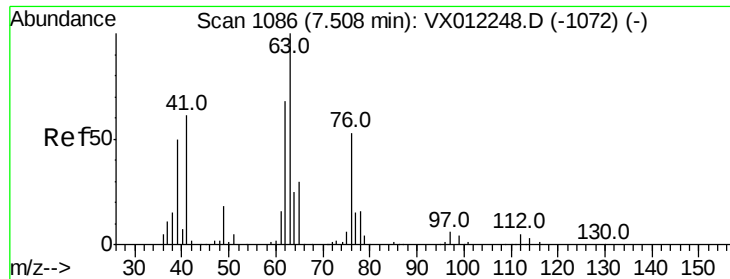
95 104.2 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 93.575 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

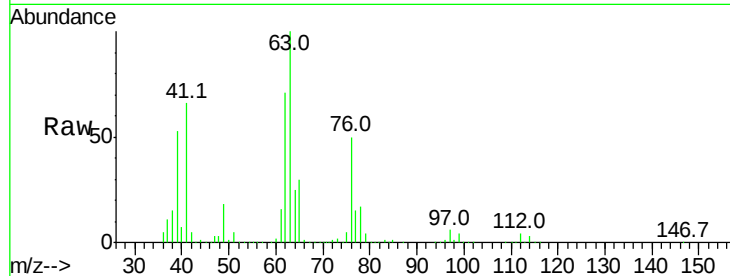
VSTDIC100

Tgt Ion: 63 Resp: 162004

Ion Ratio Lower Upper

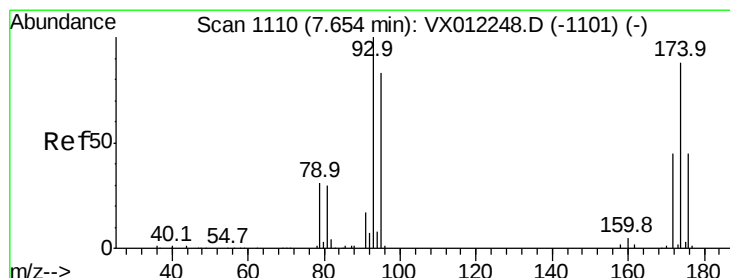
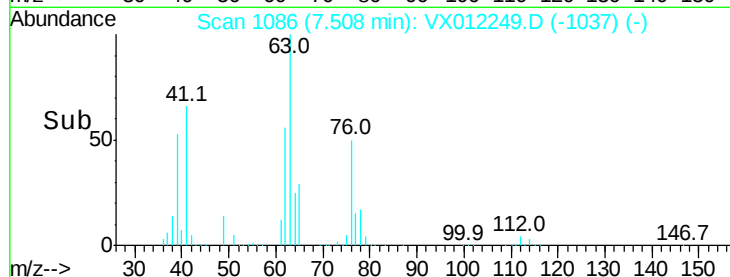
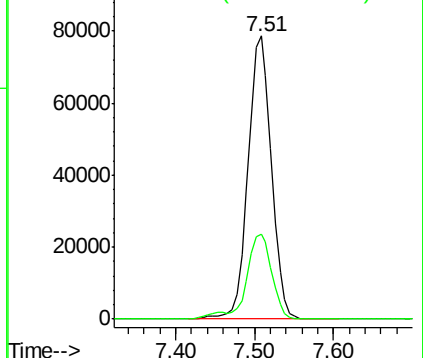
63 100

65 30.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 94.314 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

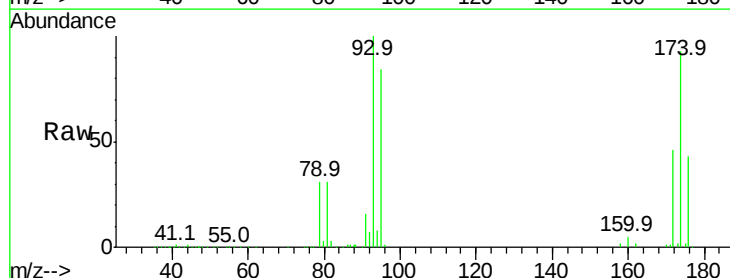
Tgt Ion: 93 Resp: 92866

Ion Ratio Lower Upper

93 100

95 83.3 65.7 98.5

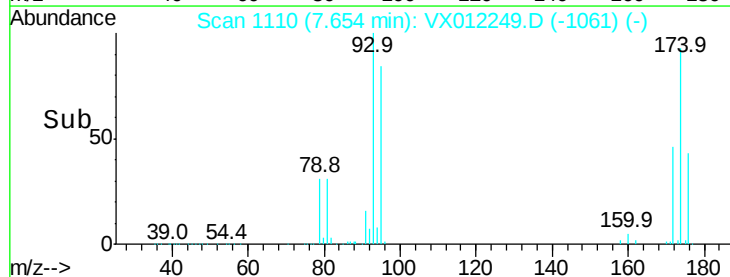
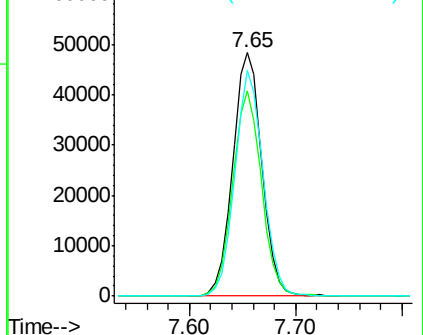
174 90.0 71.0 106.4

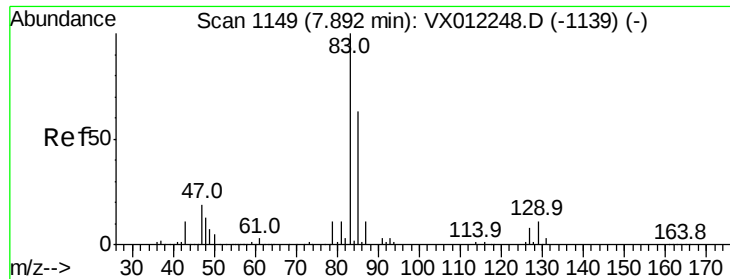


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 95.371 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

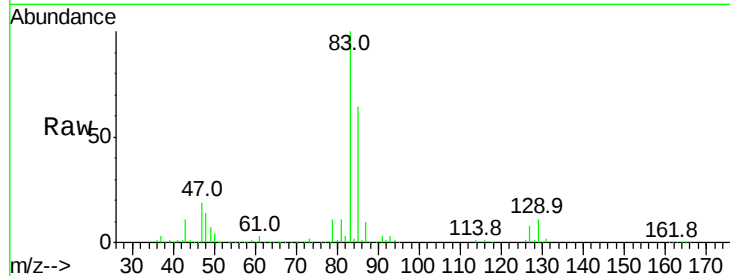
Tgt Ion: 83 Resp: 251342

Ion Ratio Lower Upper

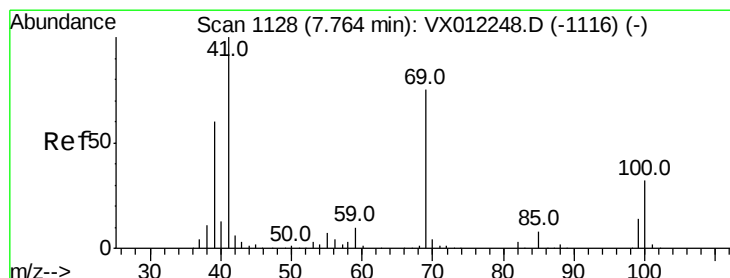
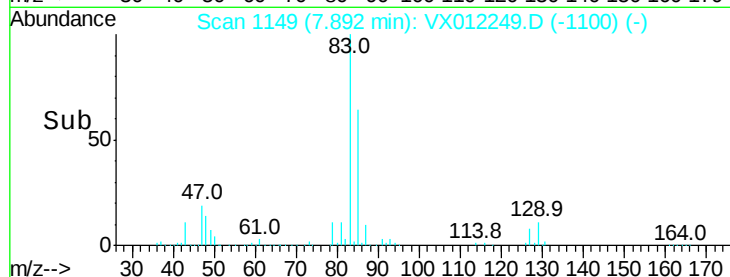
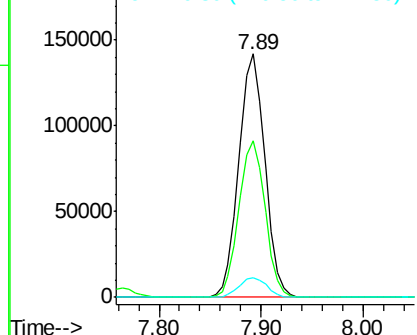
83 100

85 64.1 50.2 75.4

127 8.3 6.3 9.5



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: 97.287 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

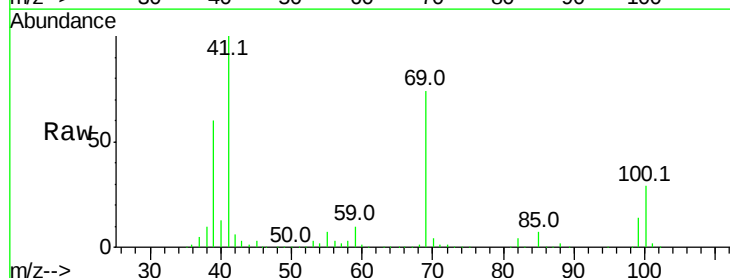
Tgt Ion: 41 Resp: 129245

Ion Ratio Lower Upper

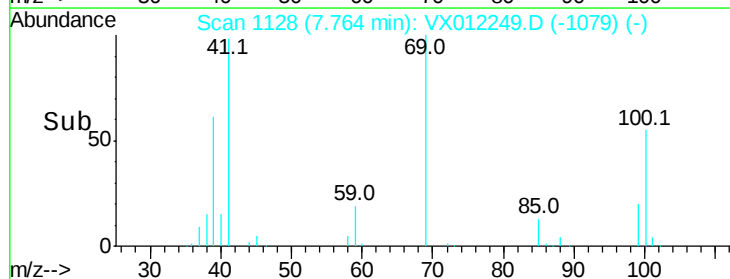
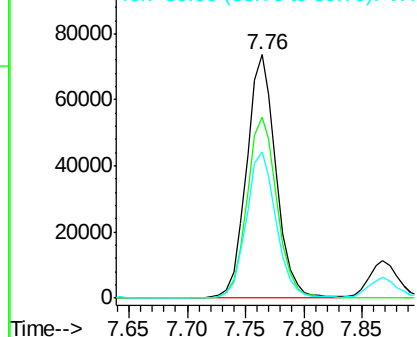
41 100

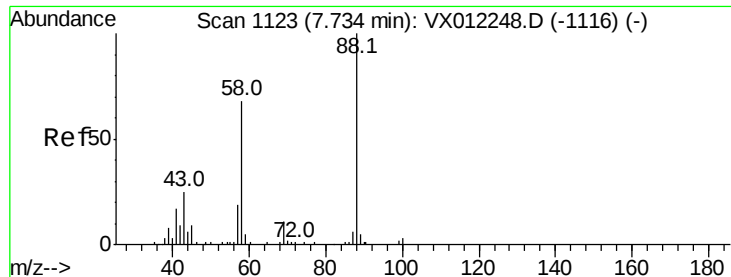
69 76.3 61.8 92.6

39 60.7 48.6 73.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1864.278 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

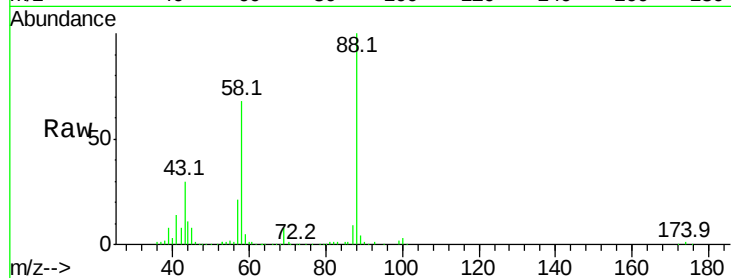
Tgt Ion: 88 Resp: 34761

Ion Ratio Lower Upper

88 100

43 38.2 31.0 46.4

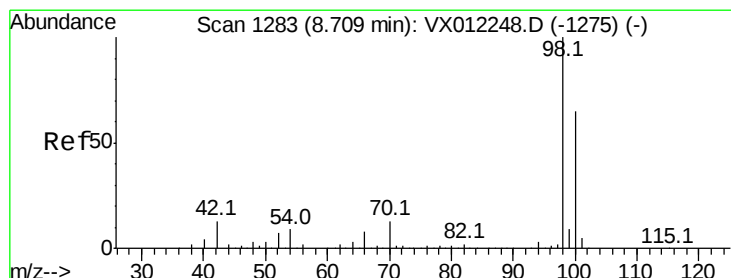
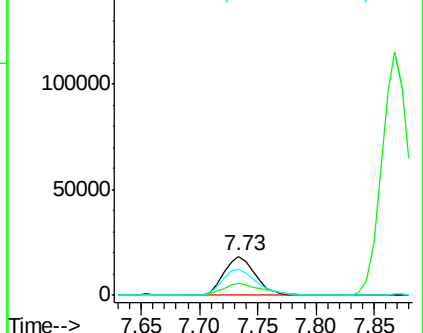
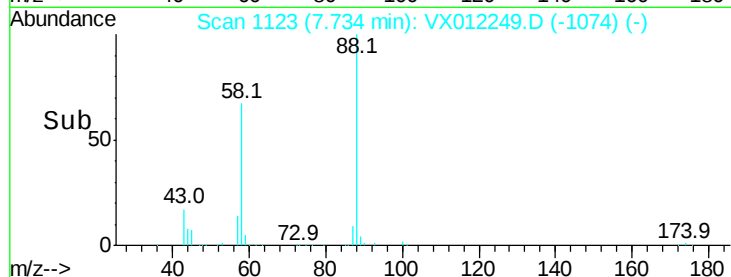
58 73.8 61.5 92.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 100.950 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012249.D

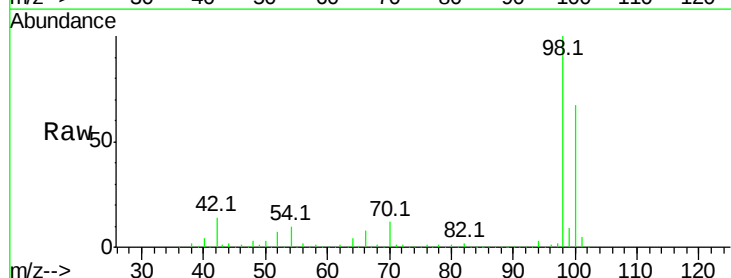
Acq: 10 Sep 2019 10:55

Tgt Ion: 98 Resp: 621734

Ion Ratio Lower Upper

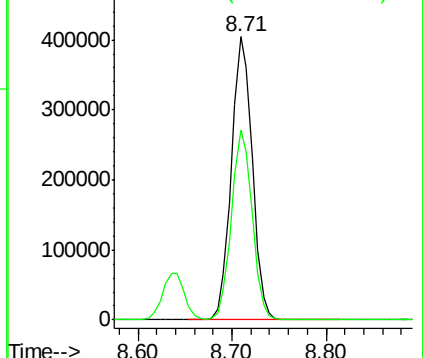
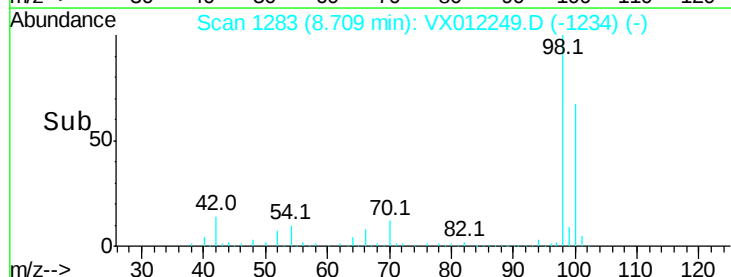
98 100

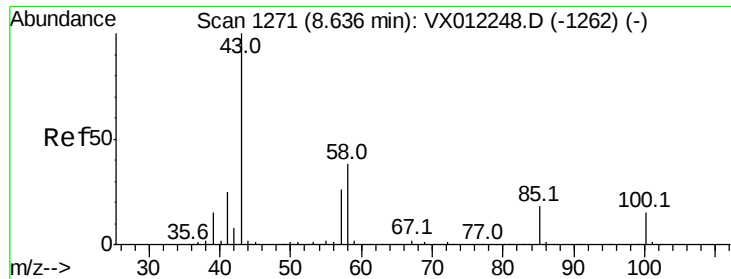
100 66.4 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 484.878 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

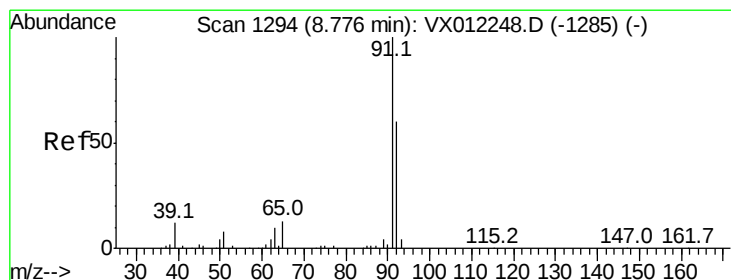
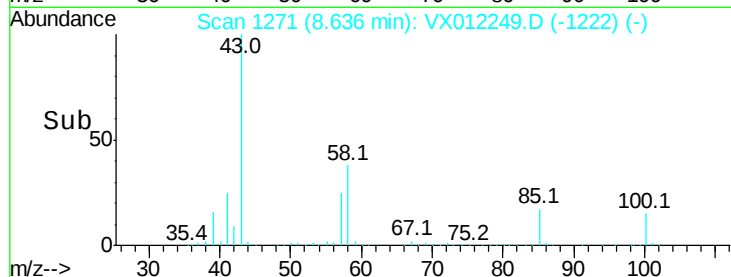
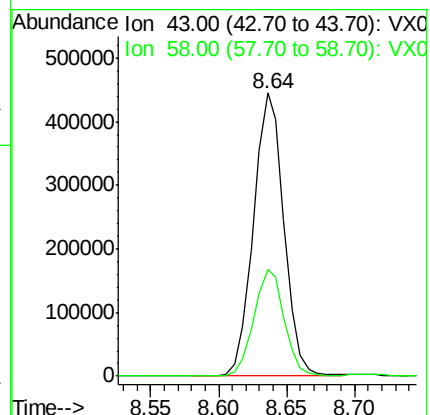
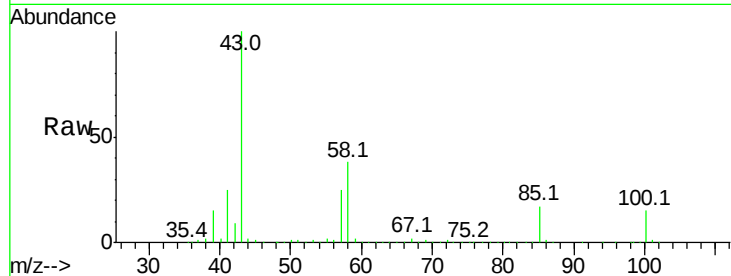
VSTDIC100

Tgt Ion: 43 Resp: 697435

Ion Ratio Lower Upper

43 100

58 37.7 30.1 45.1



#52

Toluene

Concen: 94.512 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX012249.D

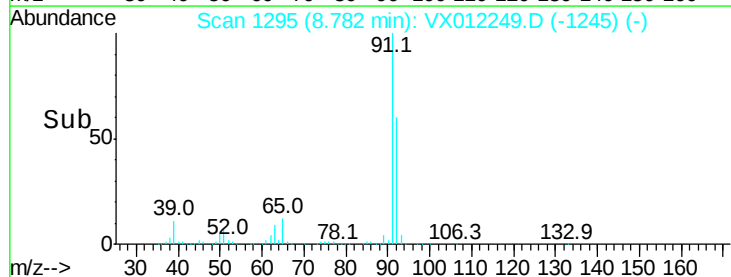
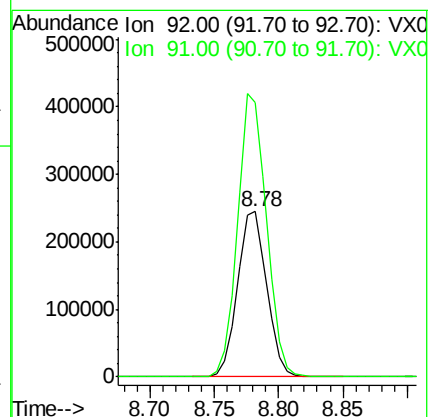
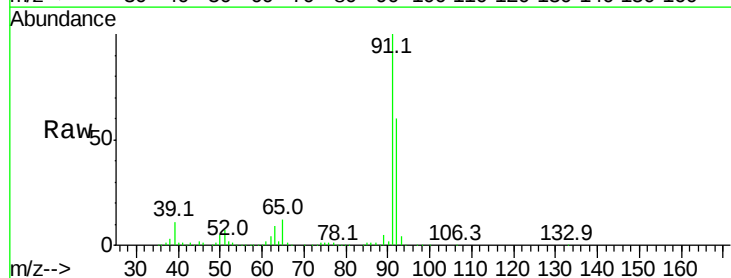
Acq: 10 Sep 2019 10:55

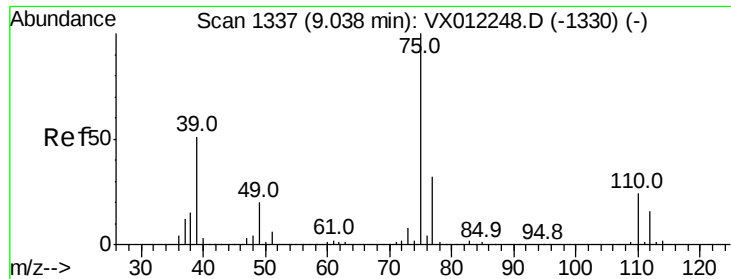
Tgt Ion: 92 Resp: 385031

Ion Ratio Lower Upper

92 100

91 169.8 133.6 200.4





#53

t-1,3-Dichloropropene

Concen: 97.583 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

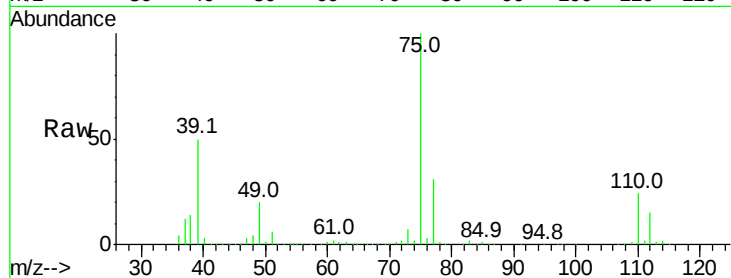
VSTDIC100

Tgt Ion: 75 Resp: 256394

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

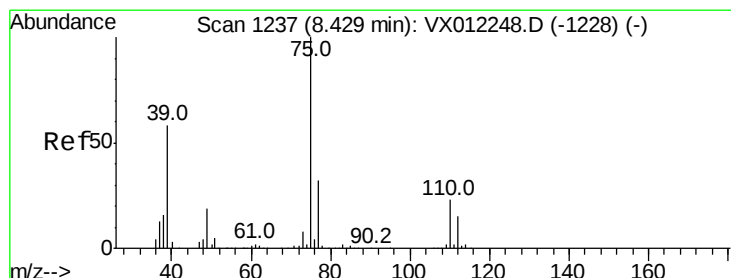
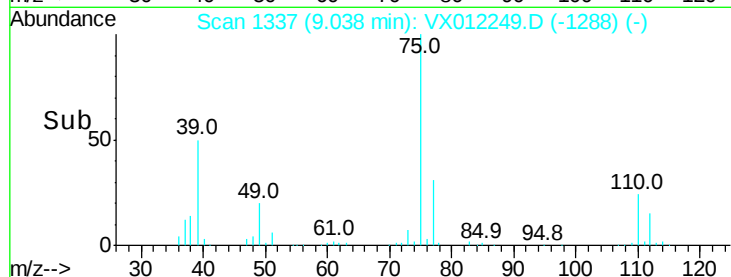
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 96.461 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

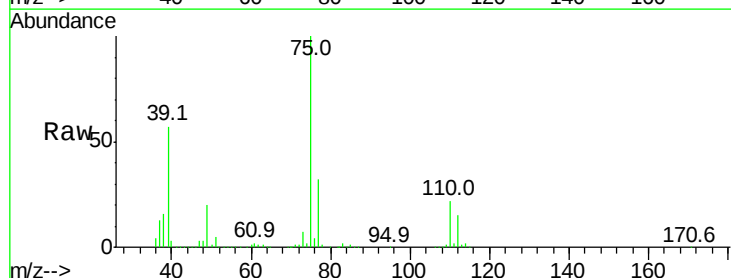
Tgt Ion: 75 Resp: 276510

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 57.3 46.5 69.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

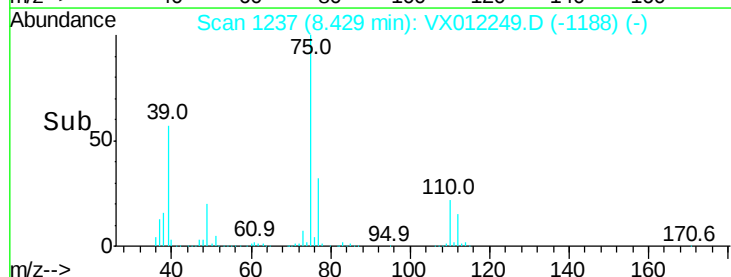
150000

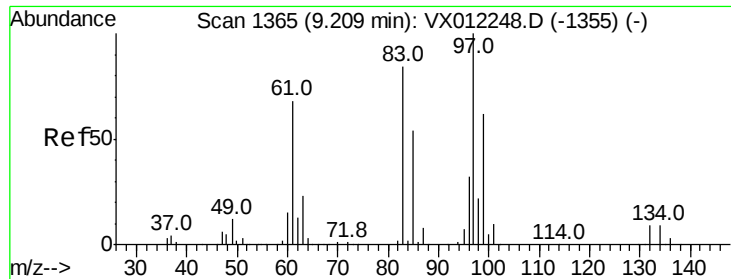
100000

50000

0

Time-->

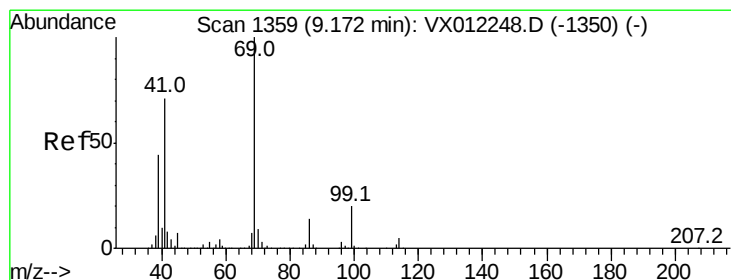
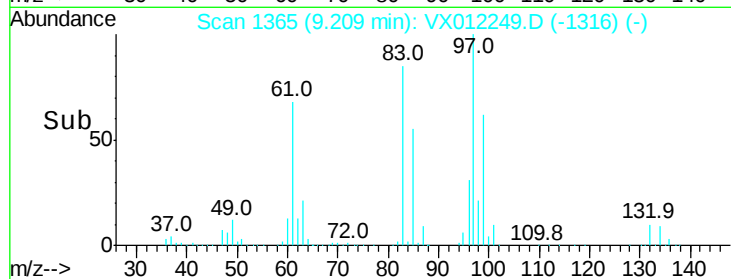
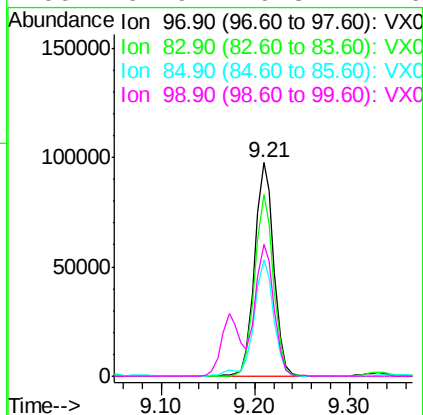
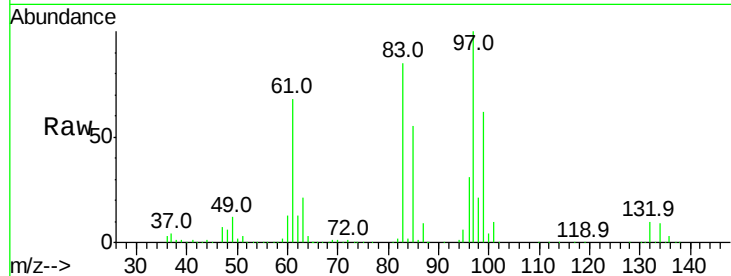




#55
 1,1,2-Trichloroethane
 Concen: 94.264 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

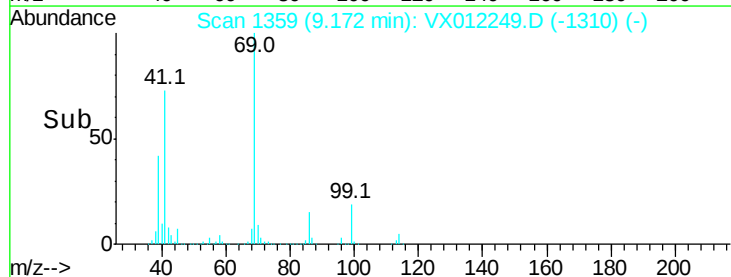
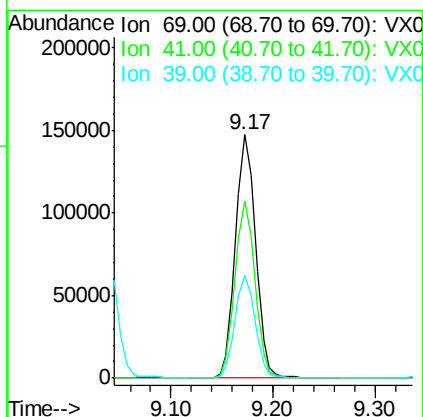
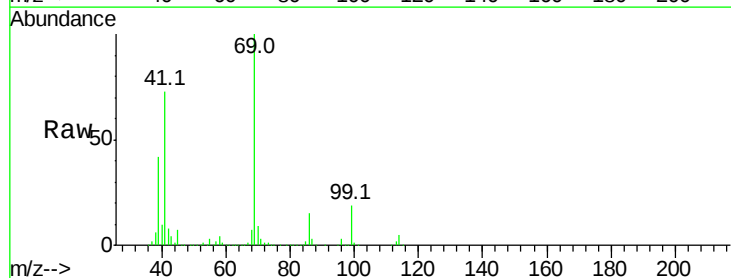
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

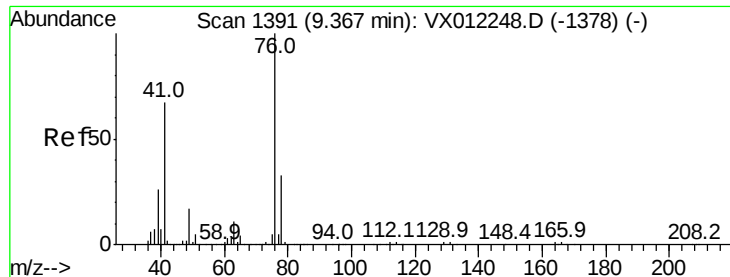
Tgt Ion:	97	Resp:	140869
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.4	101.2
85	54.5	43.4	65.2
99	61.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 96.424 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

Tgt Ion:	69	Resp:	201450
Ion	Ratio	Lower	Upper
69	100		
41	71.9	57.7	86.5
39	41.7	34.0	51.0





#57

1,3-Dichloropropane

Concen: 93.508 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

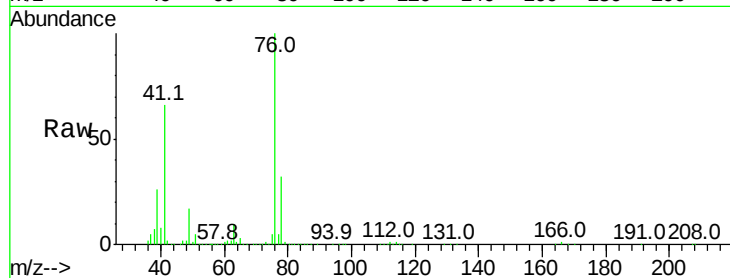
VSTDIC100

Tgt Ion: 76 Resp: 238862

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

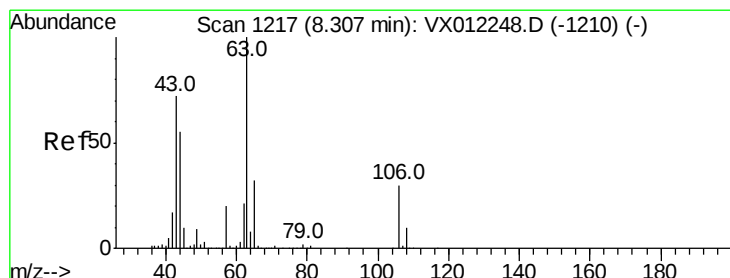
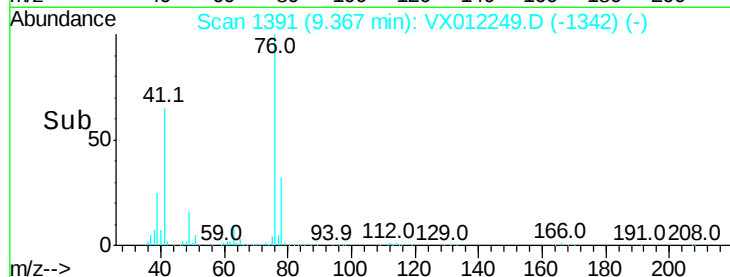
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 505.972 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012249.D

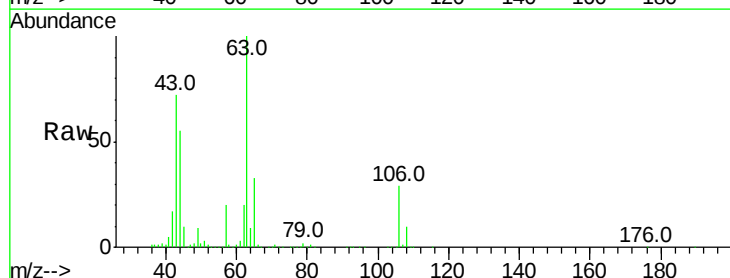
Acq: 10 Sep 2019 10:55

Tgt Ion: 63 Resp: 501976

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

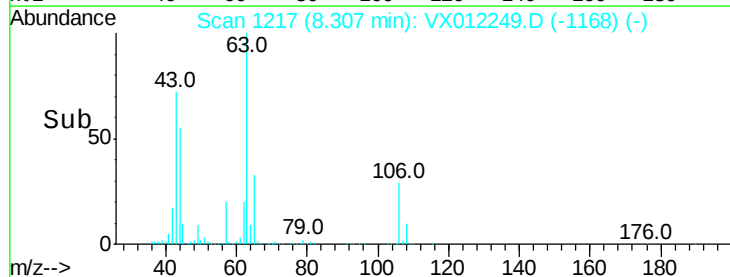
300000

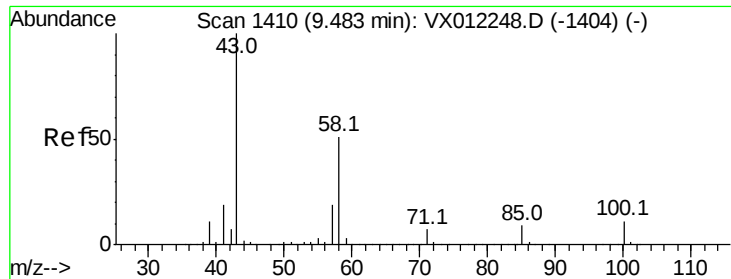
200000

100000

0

Time--> 8.20 8.30 8.40

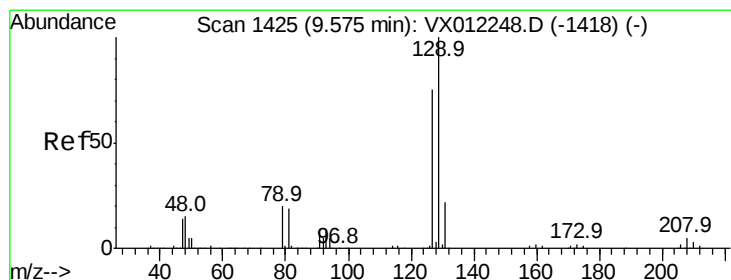
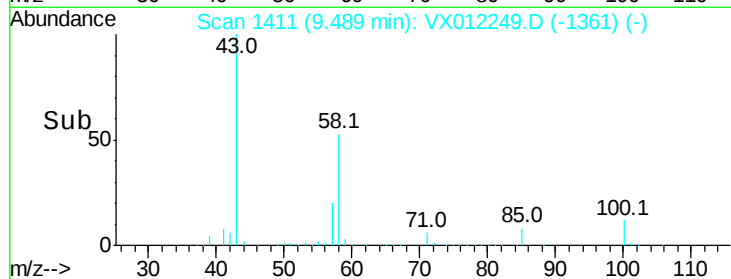
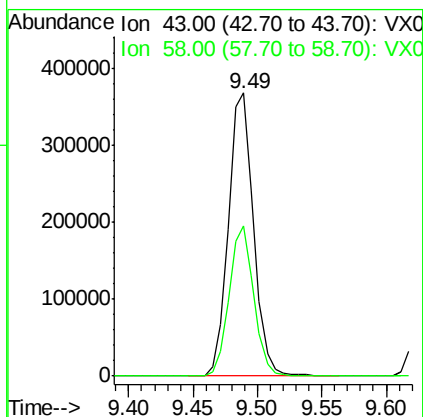
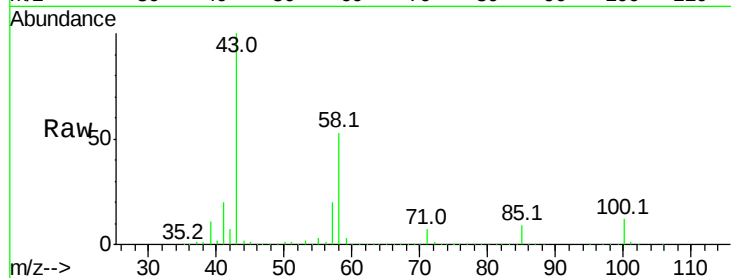




#59
2-Hexanone
Concen: 493.904 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

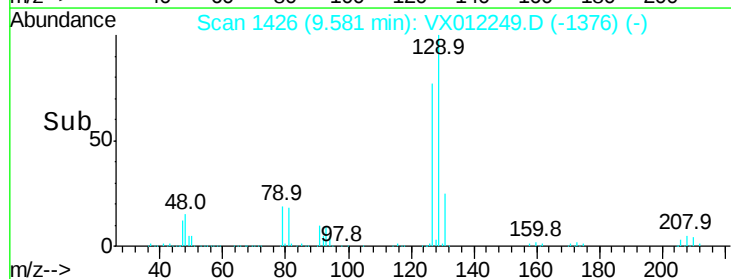
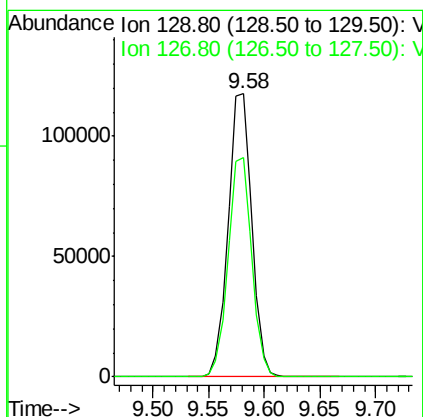
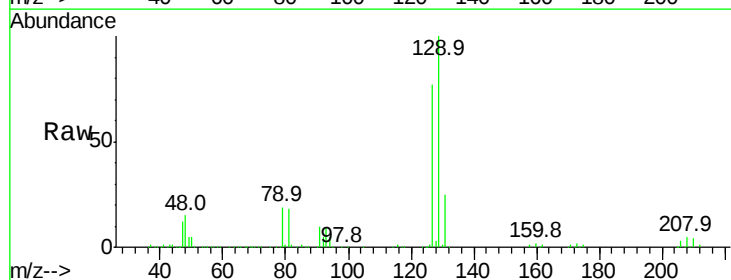
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

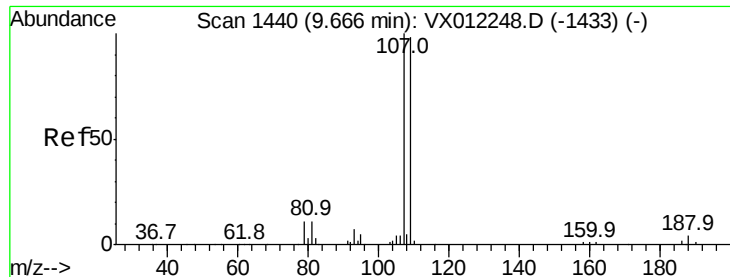
Tgt Ion: 43 Resp: 504744
Ion Ratio Lower Upper
43 100
58 52.0 25.8 77.3



#60
Dibromochloromethane
Concen: 97.515 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion: 129 Resp: 172846
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 94.162 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

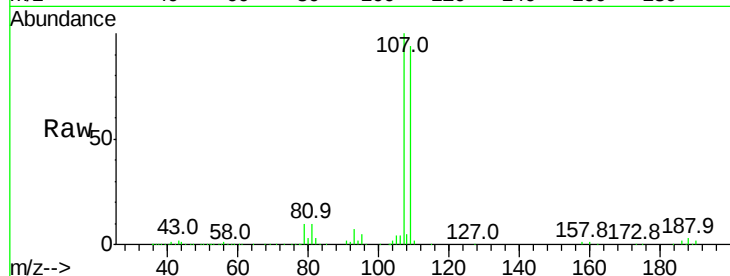
VSTDIC100

Tgt Ion: 107 Resp: 131205

Ion Ratio Lower Upper

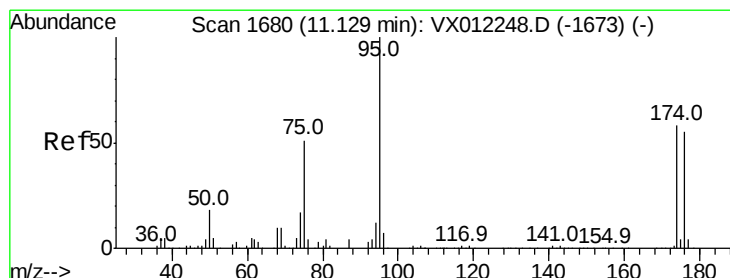
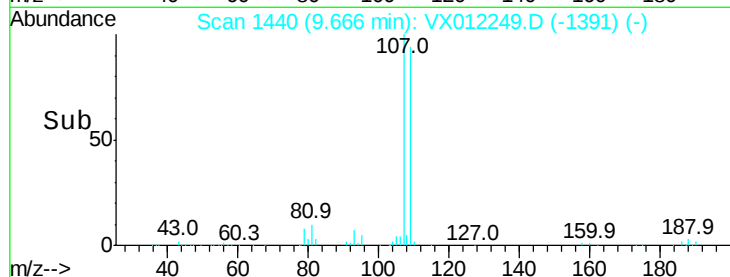
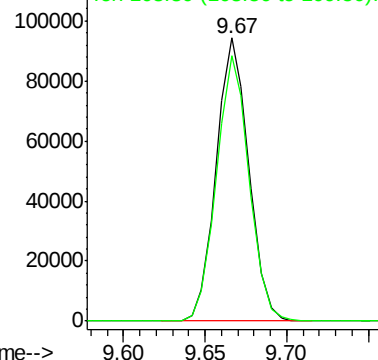
107 100

109 94.0 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 93.752 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

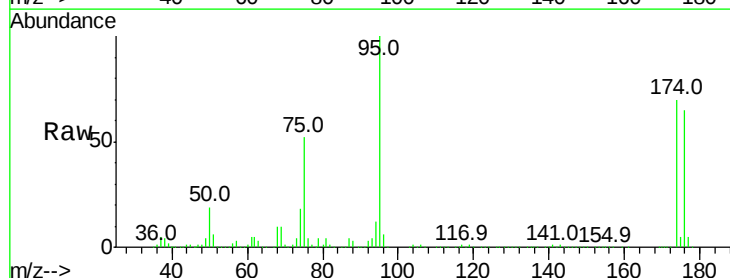
Tgt Ion: 95 Resp: 268005

Ion Ratio Lower Upper

95 100

174 66.4 0.0 127.0

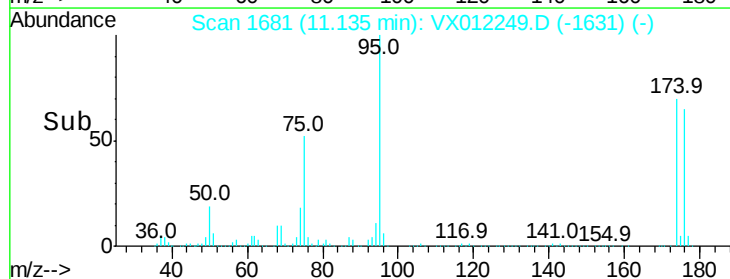
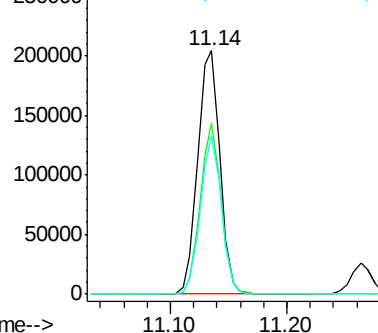
176 62.2 0.0 125.8

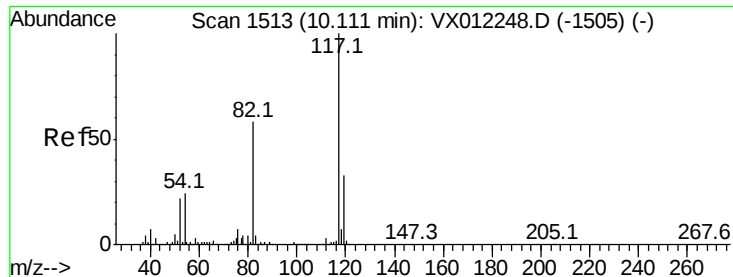


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

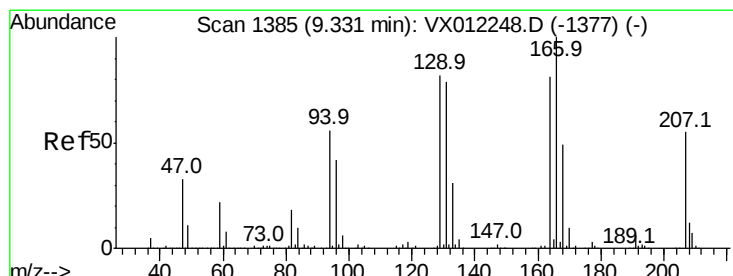
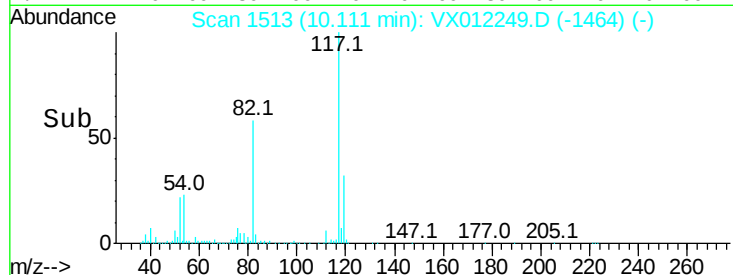
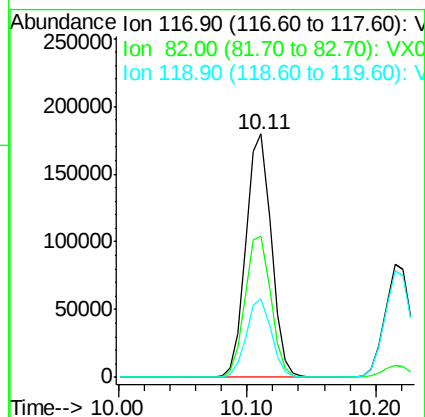
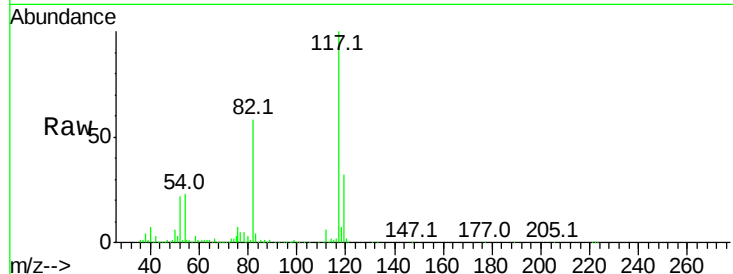




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

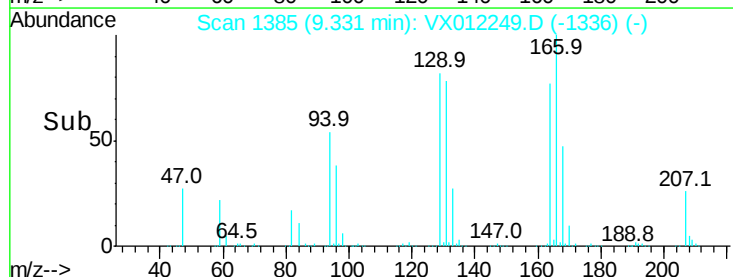
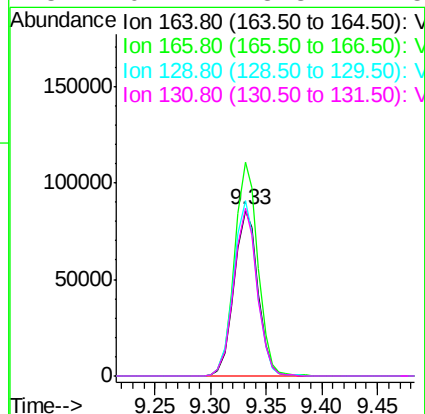
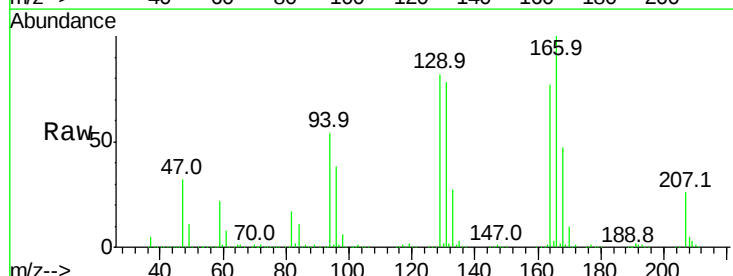
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

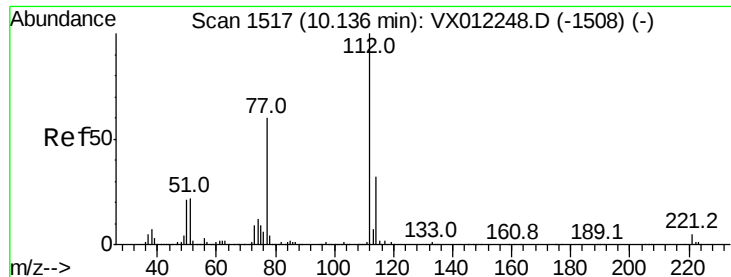
Tgt Ion:117 Resp: 243704
Ion Ratio Lower Upper
117 100
82 58.1 46.4 69.6
119 32.4 26.6 39.8



#64
Tetrachloroethene
Concen: 93.000 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion:164 Resp: 126467
Ion Ratio Lower Upper
164 100
166 129.2 99.4 149.0
129 105.9 81.8 122.8
131 101.4 78.3 117.5





#65

Chlorobenzene

Concen: 91.620 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

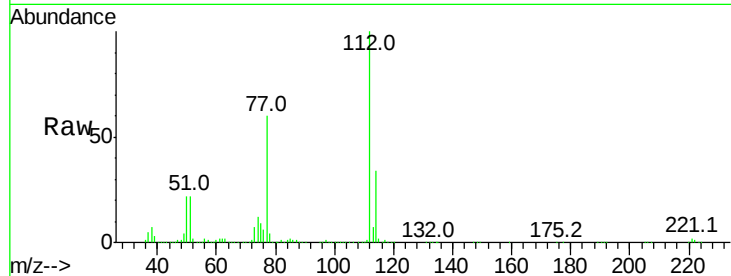
VSTDIC100

Tgt Ion:112 Resp: 447138

Ion Ratio Lower Upper

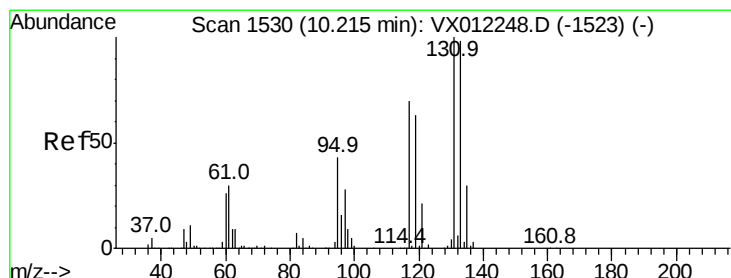
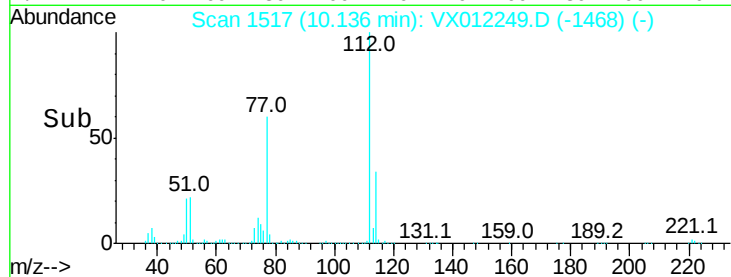
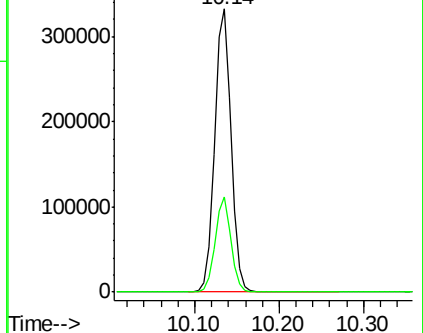
112 100

114 33.6 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 94.480 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

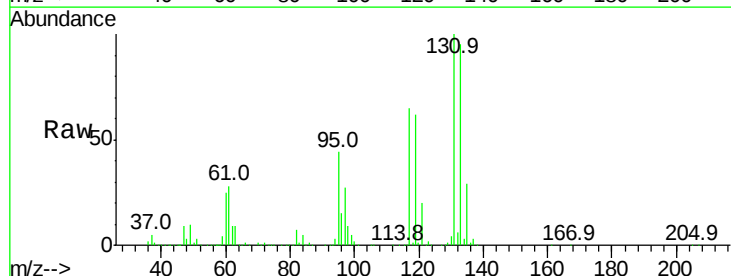
Tgt Ion:131 Resp: 176556

Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.2

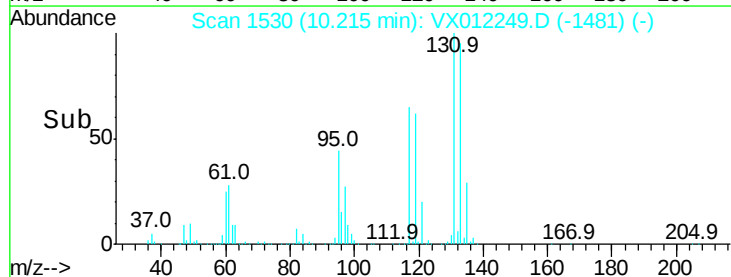
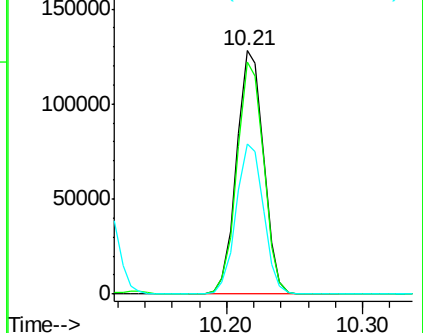
119 62.7 31.6 95.0

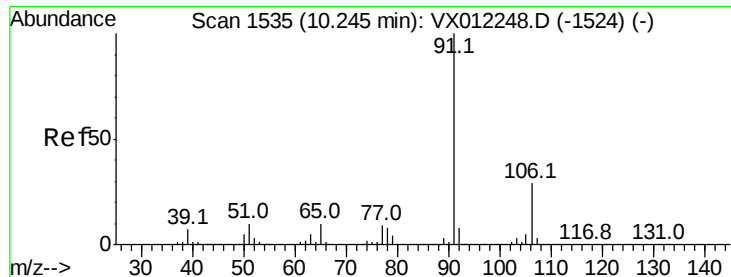


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

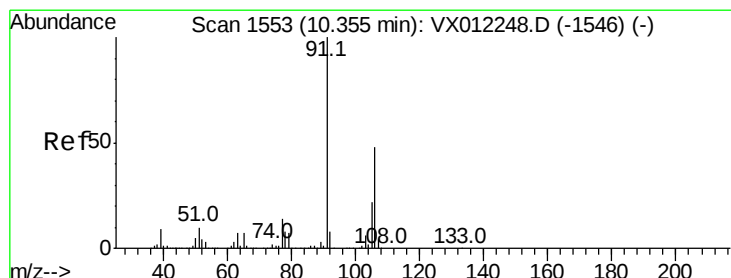
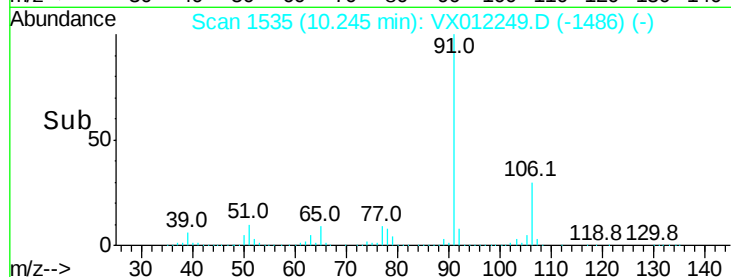
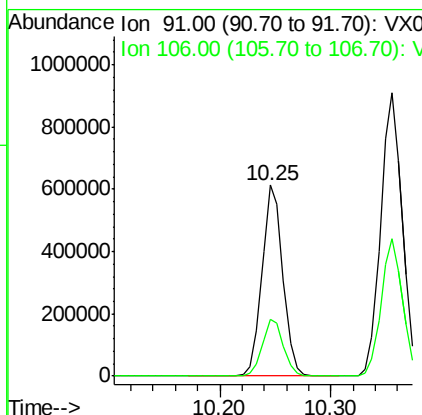
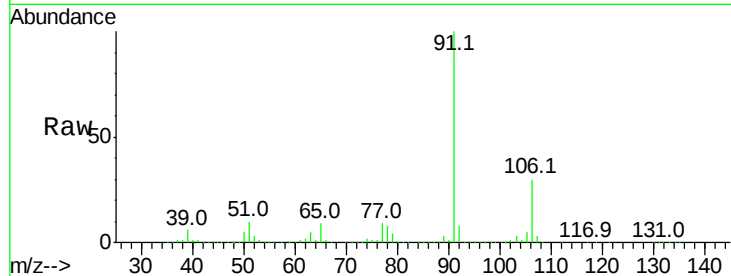




#67
Ethyl Benzene
Concen: 94.131 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

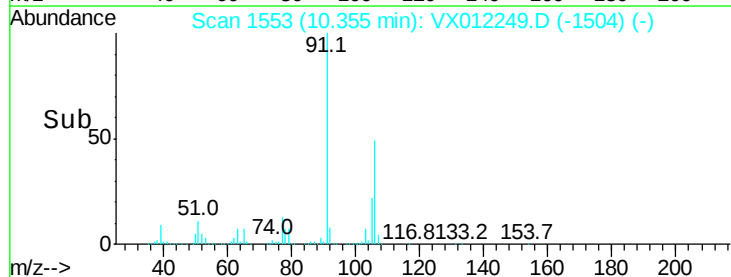
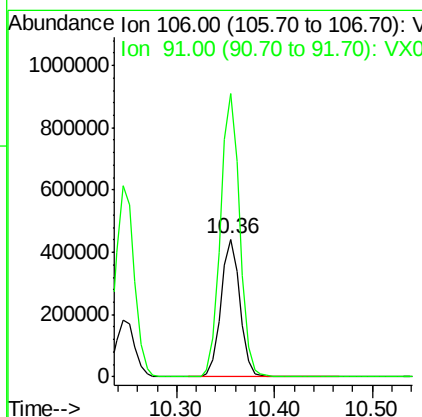
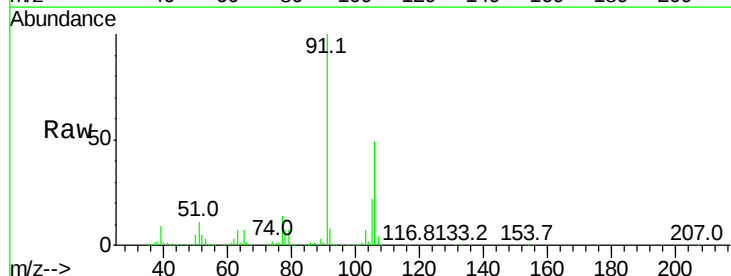
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

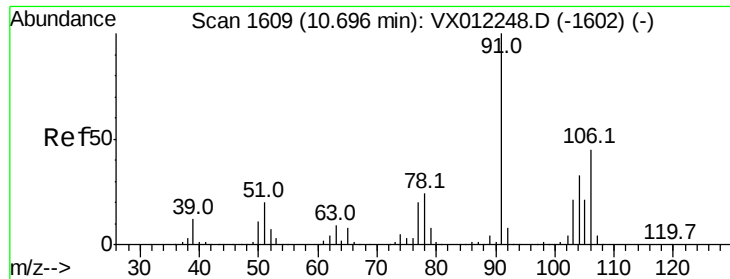
Tgt Ion: 91 Resp: 805777
Ion Ratio Lower Upper
91 100
106 29.7 23.1 34.7



#68
m/p-Xylenes
Concen: 187.946 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion: 106 Resp: 593368
Ion Ratio Lower Upper
106 100
91 208.5 167.0 250.6

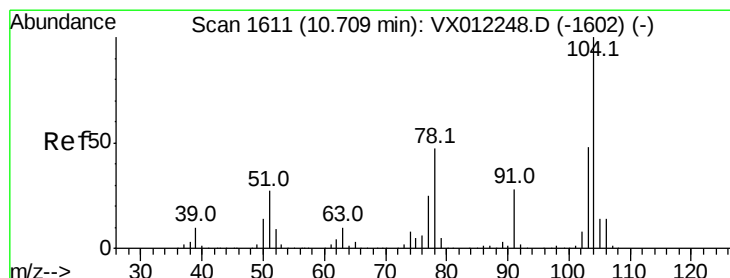
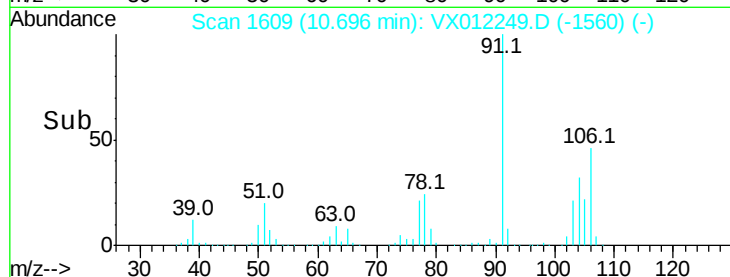
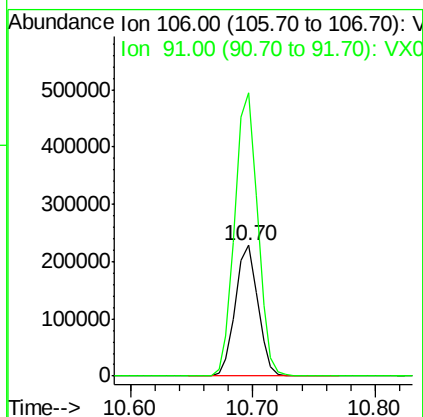
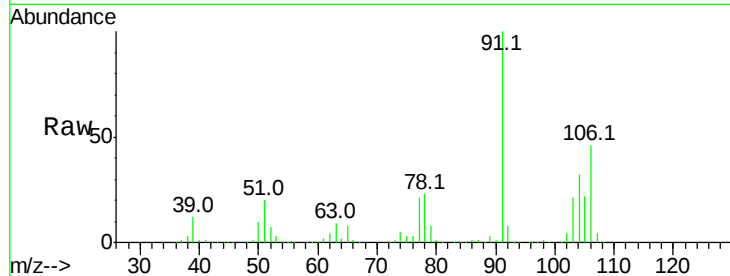




#69
o-Xylene
Concen: 94.642 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

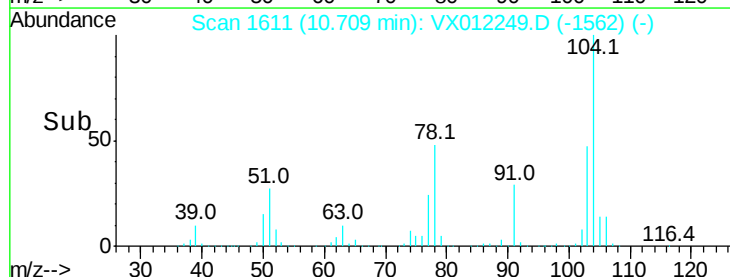
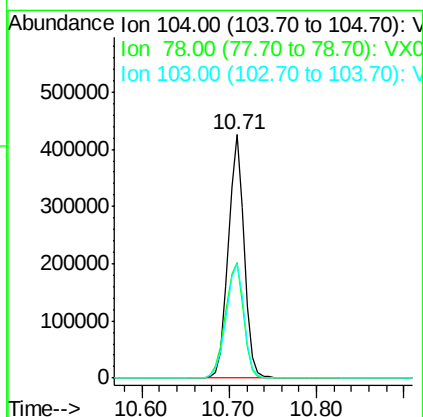
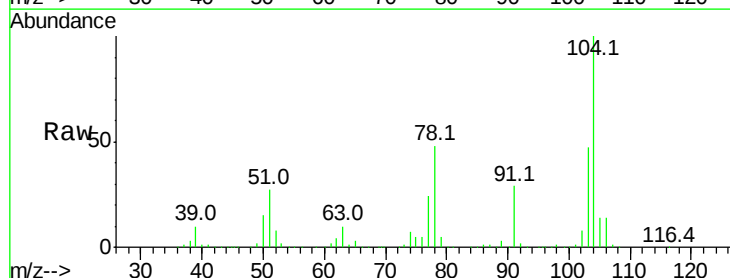
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

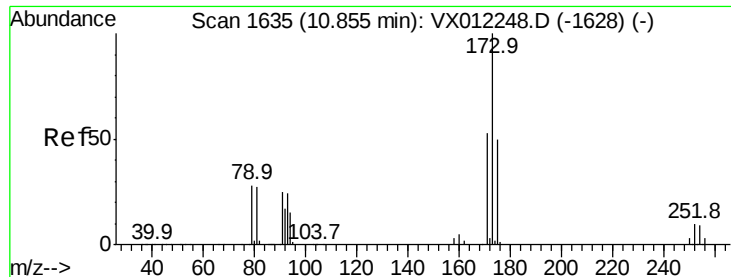
Tgt Ion:106 Resp: 291534
Ion Ratio Lower Upper
106 100
91 219.4 110.5 331.4



#70
Styrene
Concen: 96.140 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion:104 Resp: 532536
Ion Ratio Lower Upper
104 100
78 54.7 44.2 66.2
103 53.3 42.5 63.7





#71

Bromoform

Concen: 99.922 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

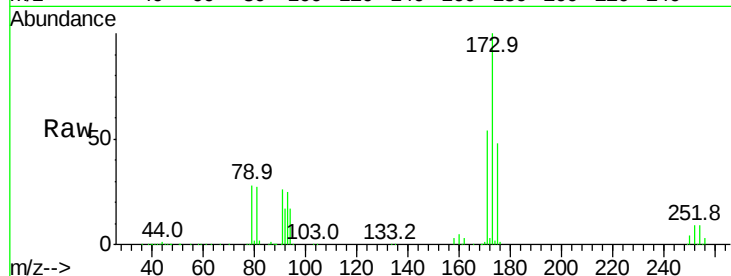
Tgt Ion:173 Resp: 97357

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

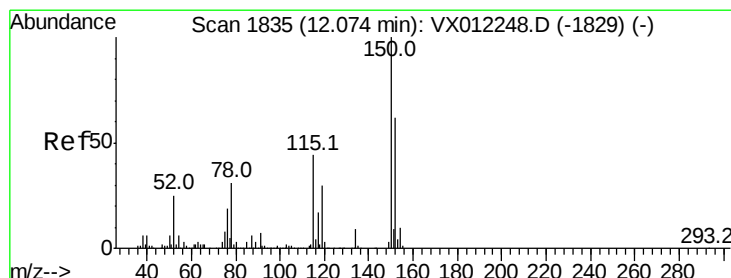
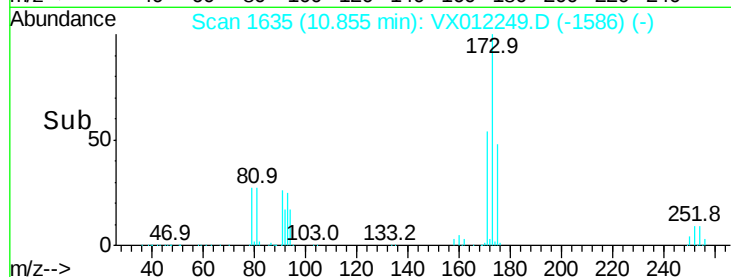
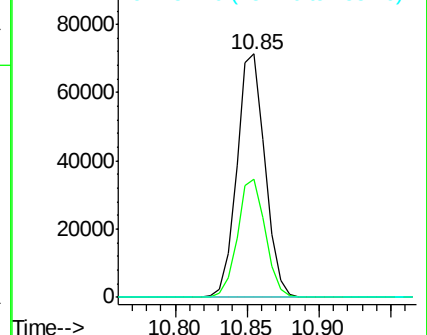
254 0.1 0.2 0.4#



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: VX012249.D

Acq: 10 Sep 2019 10:55

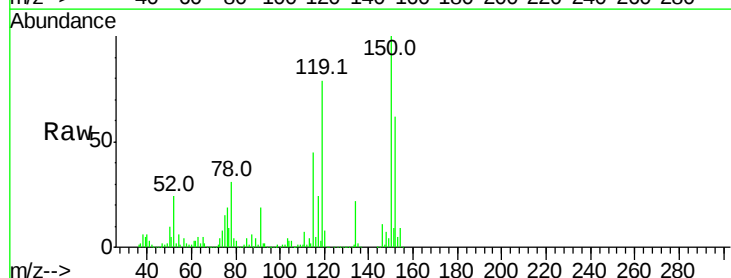
Tgt Ion:152 Resp: 122813

Ion Ratio Lower Upper

152 100

115 113.7 45.5 136.4

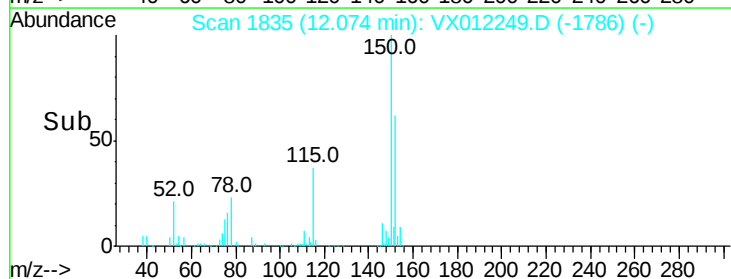
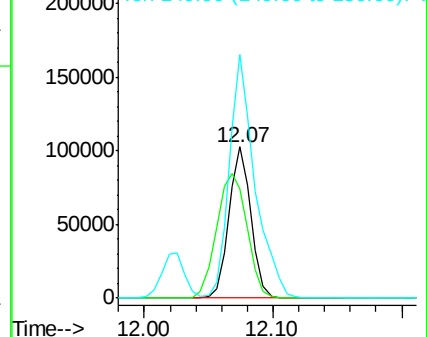
150 187.6 0.0 346.4

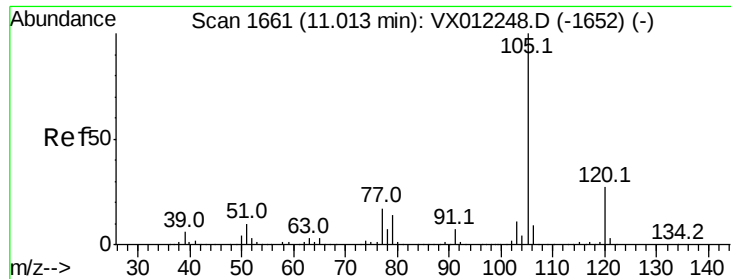


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 92.060 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

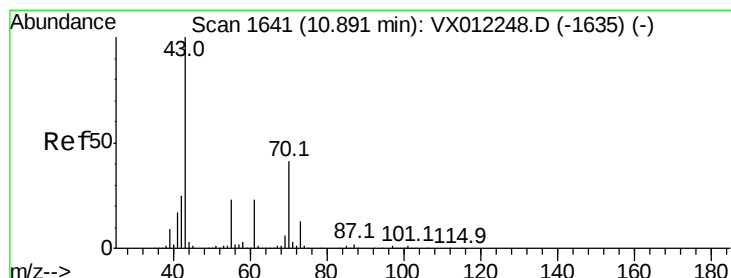
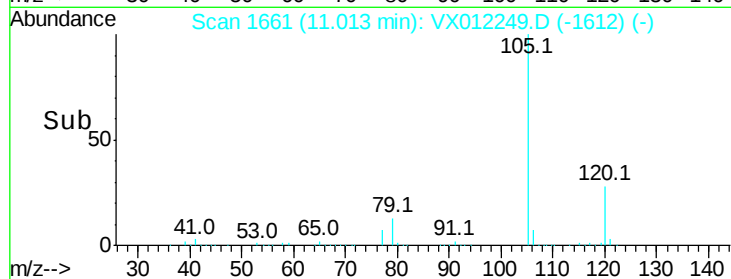
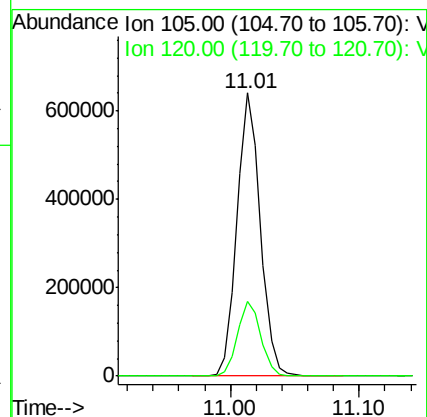
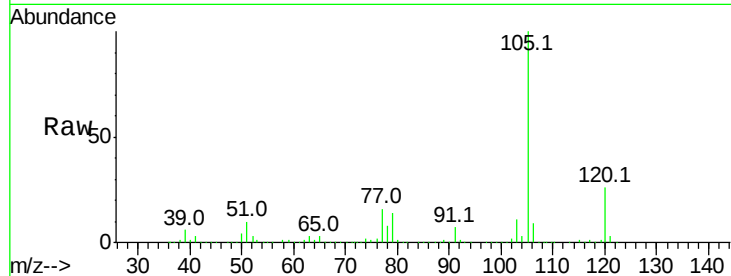
VSTDIC100

Tgt Ion:105 Resp: 810380

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 93.041 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Tgt Ion: 43 Resp: 262094

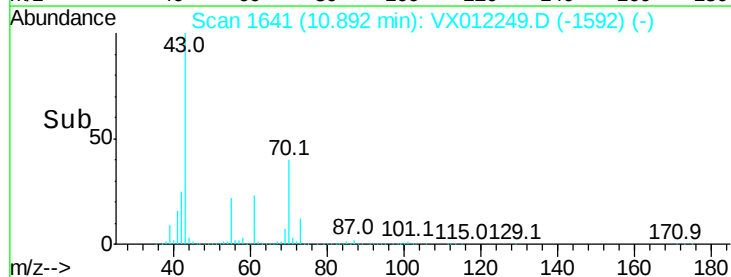
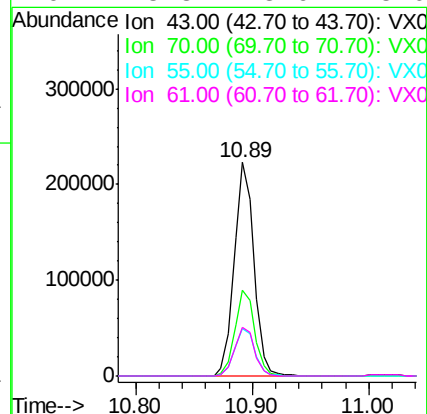
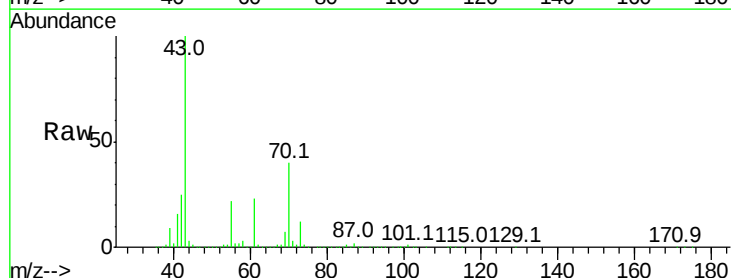
Ion Ratio Lower Upper

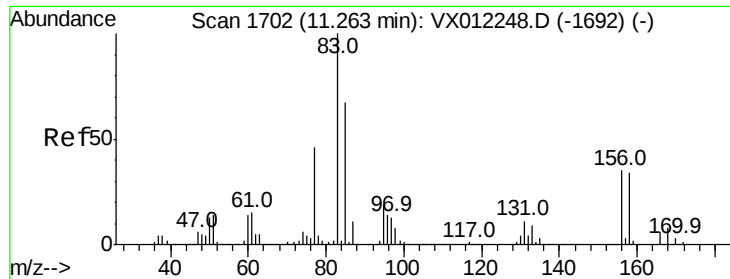
43 100

70 40.5 32.9 49.3

55 23.3 19.1 28.7

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 92.549 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

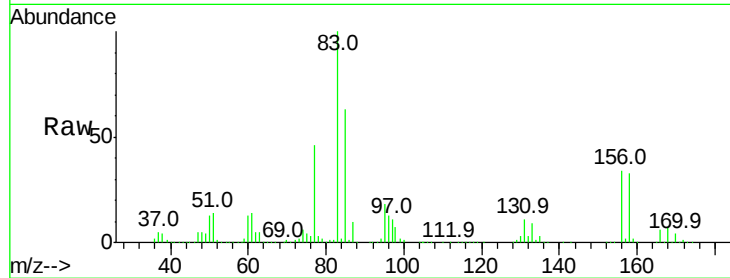
Tgt Ion: 83 Resp: 183113

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

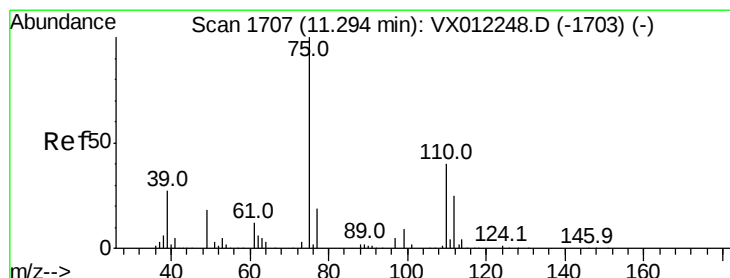
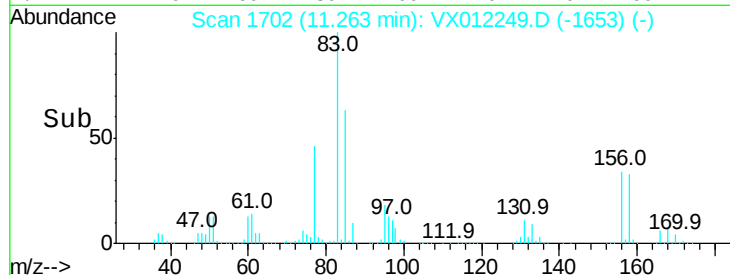
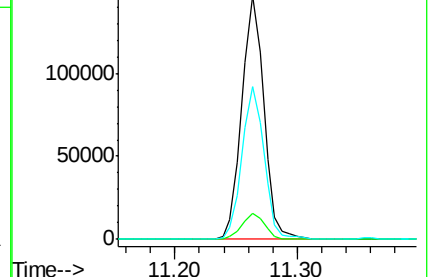
85 63.2 32.8 98.4



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: 118.017 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012249.D

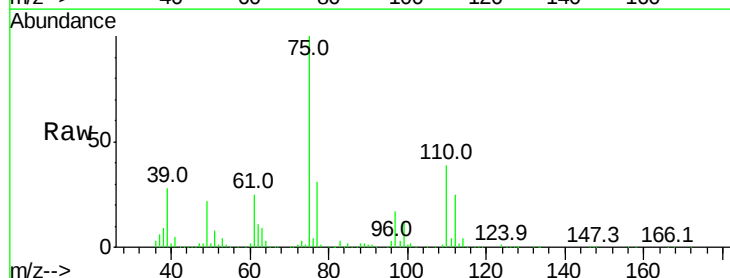
Acq: 10 Sep 2019 10:55

Tgt Ion: 75 Resp: 202527

Ion Ratio Lower Upper

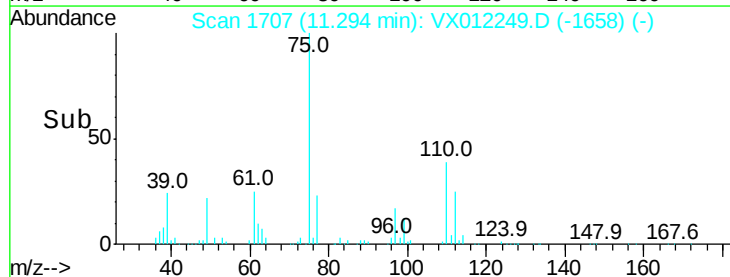
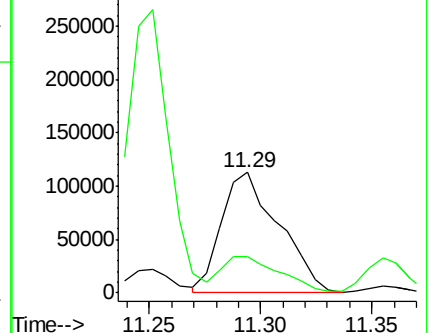
75 100

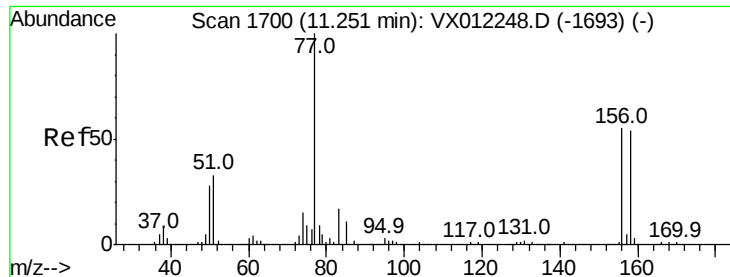
77 30.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 88.986 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

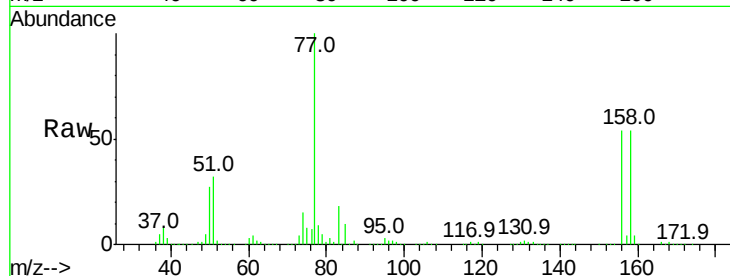
Tgt Ion:156 Resp: 187241

Ion Ratio Lower Upper

156 100

77 185.7 92.2 276.6

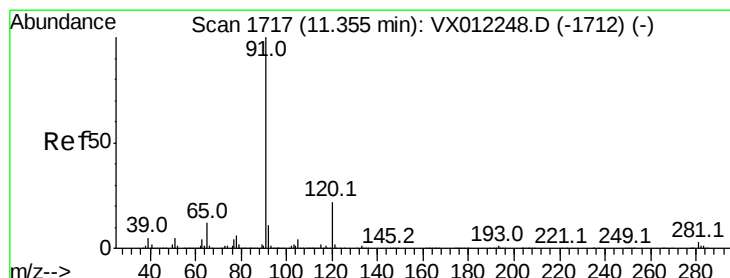
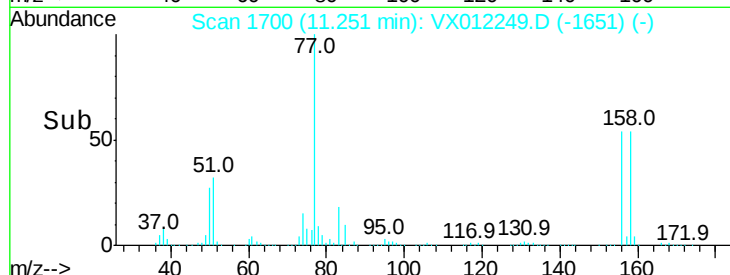
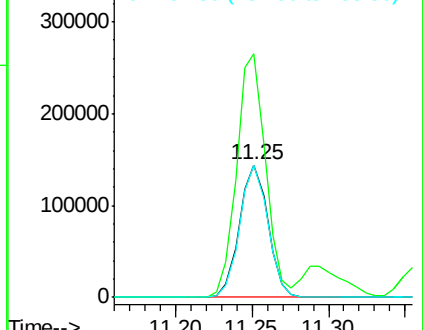
158 98.1 48.8 146.3



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: 92.495 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012249.D

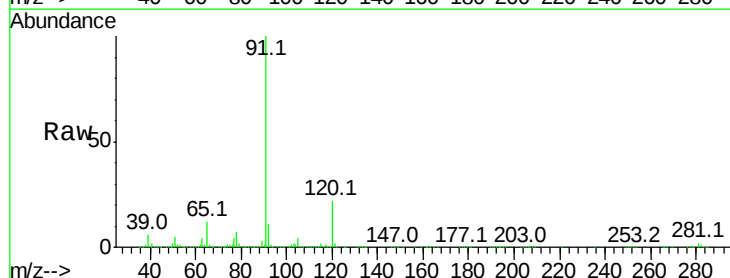
Acq: 10 Sep 2019 10:55

Tgt Ion: 91 Resp: 979931

Ion Ratio Lower Upper

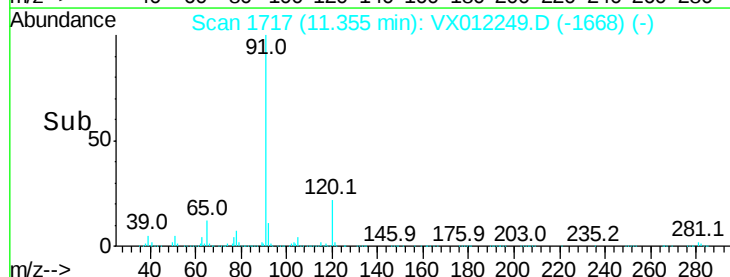
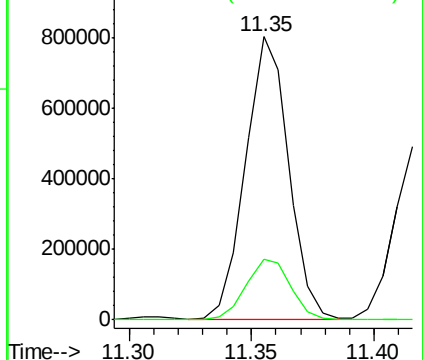
91 100

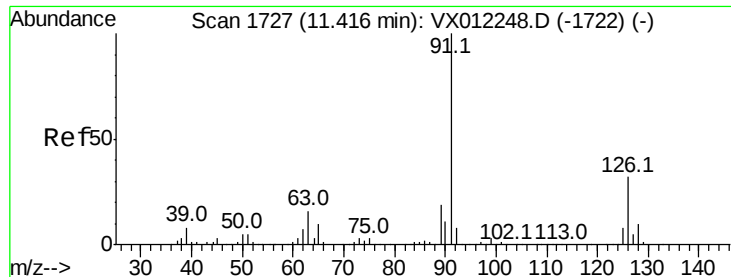
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

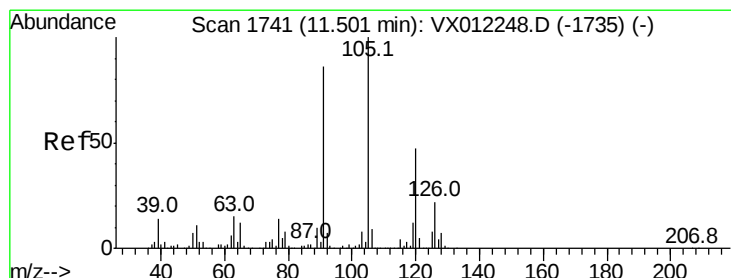
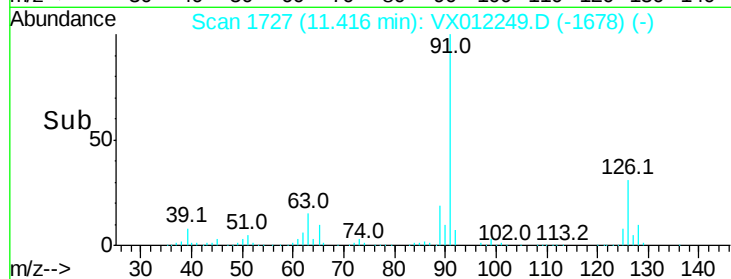
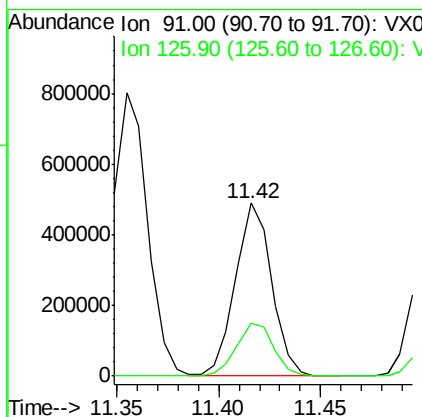
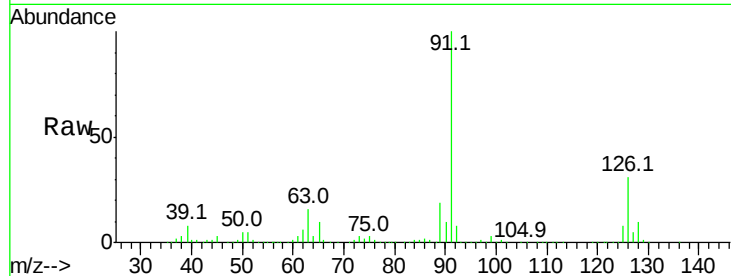




#79
2-Chlorotoluene
Concen: 90.906 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

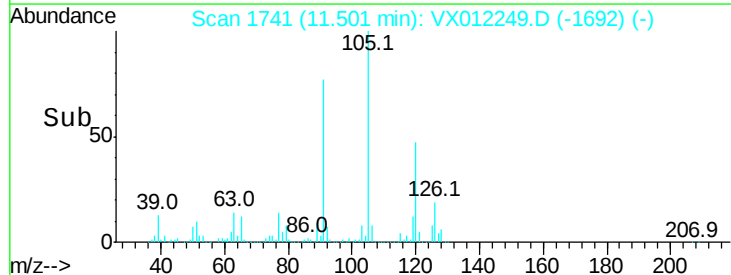
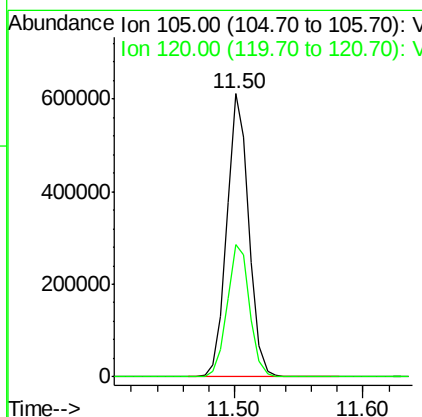
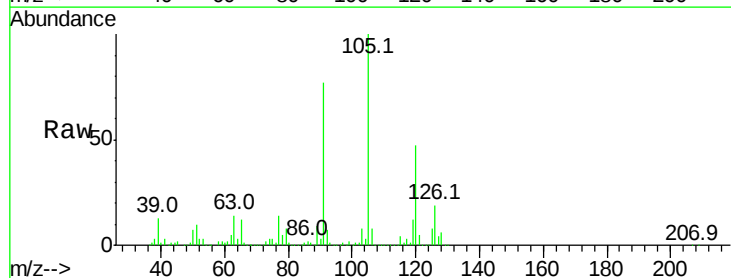
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

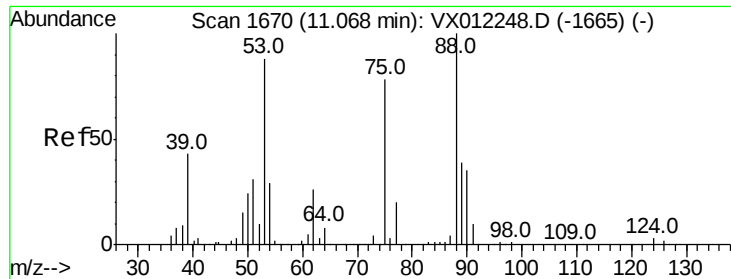
Tgt Ion: 91 Resp: 601149
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 91.435 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion: 105 Resp: 728537
Ion Ratio Lower Upper
105 100
120 48.0 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 94.786 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012249.D

Acq: 10 Sep 2019 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

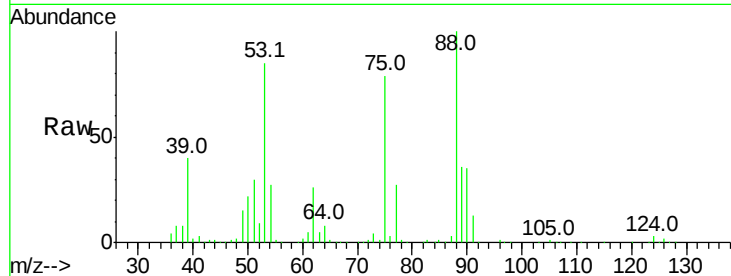
Tgt Ion: 75 Resp: 58894

Ion Ratio Lower Upper

75 100

53 106.5 88.1 132.1

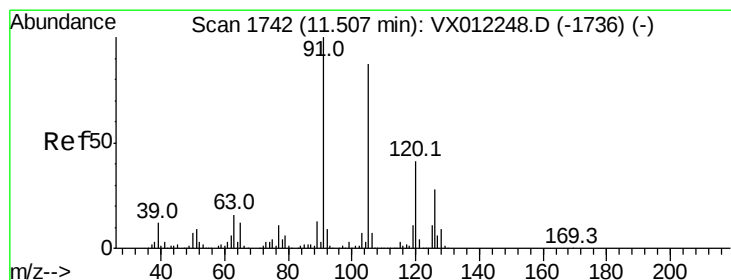
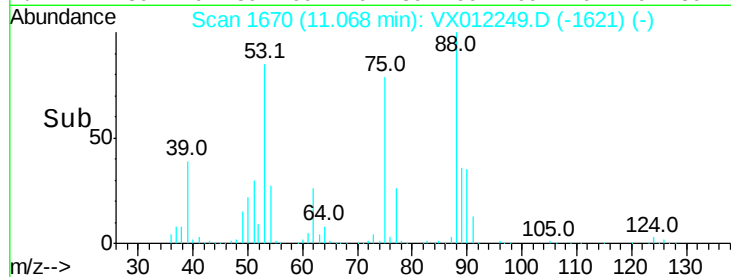
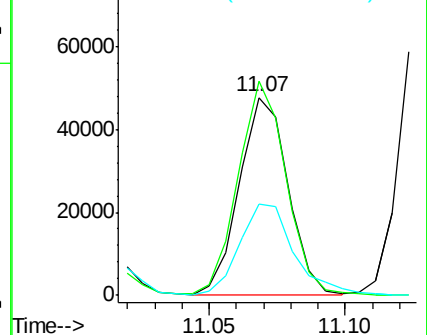
89 52.3 43.5 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 89.340 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012249.D

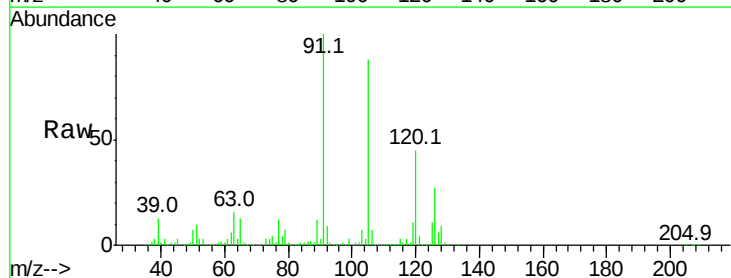
Acq: 10 Sep 2019 10:55

Tgt Ion: 91 Resp: 723174

Ion Ratio Lower Upper

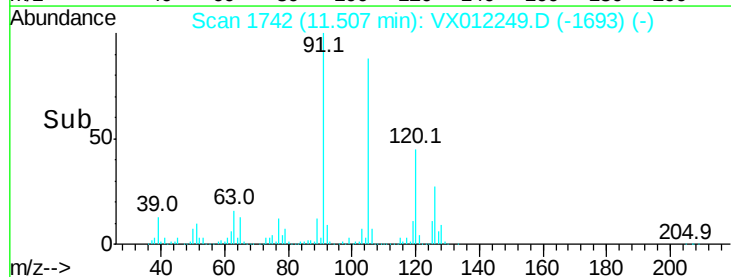
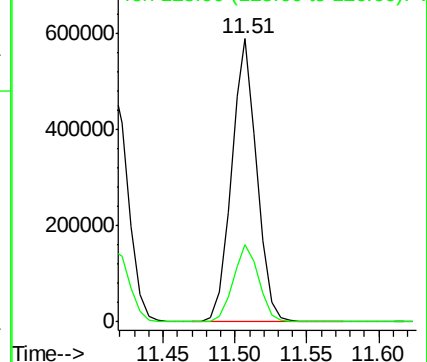
91 100

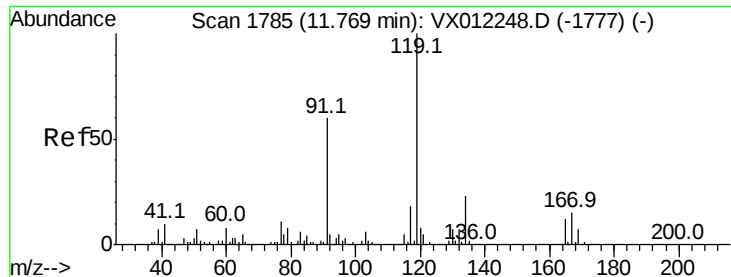
126 27.8 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

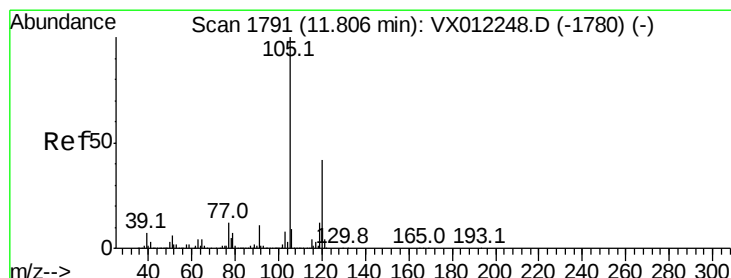
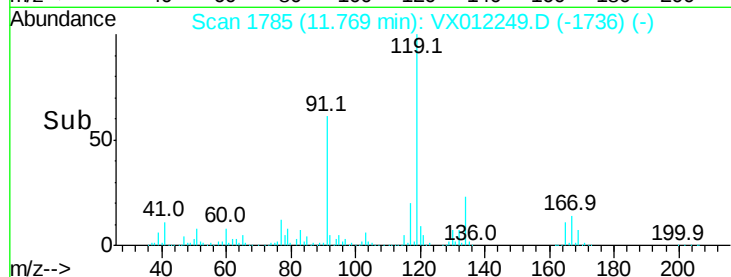
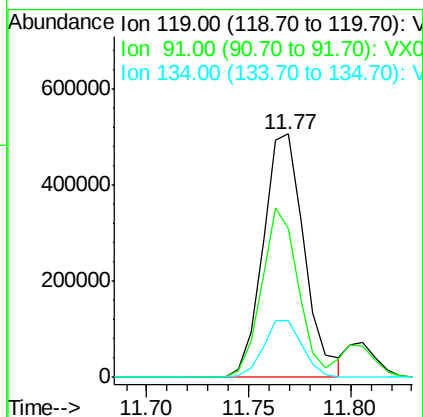
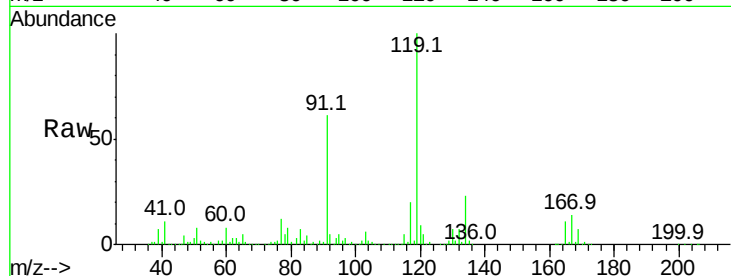




#83
tert-Butylbenzene
Concen: 92.013 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

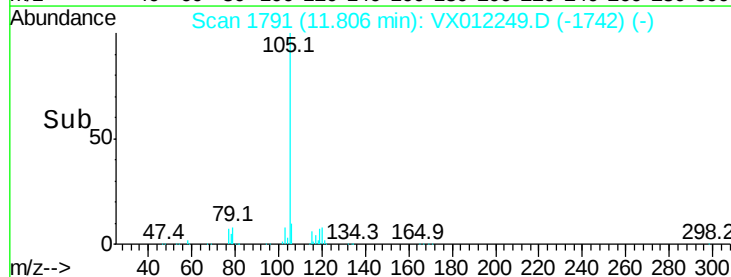
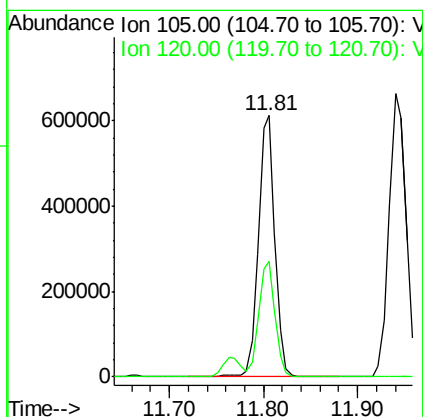
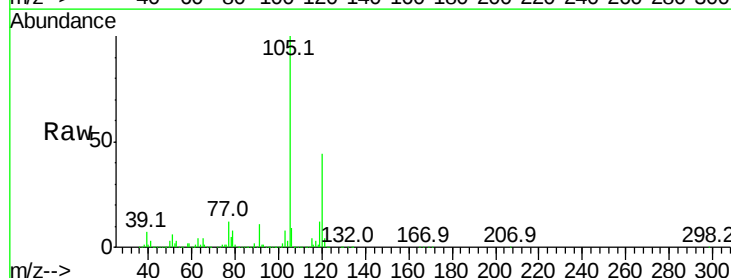
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

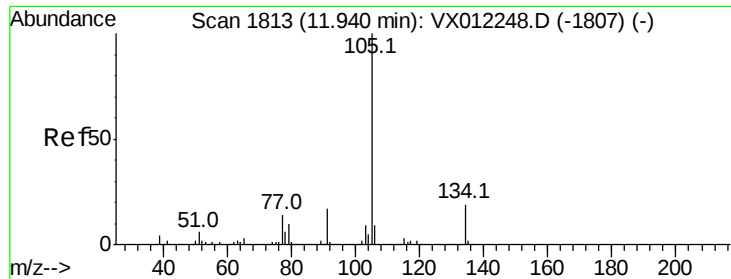
Tgt Ion:119 Resp: 710811
Ion Ratio Lower Upper
119 100
91 61.9 30.9 92.8
134 22.3 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 91.665 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion:105 Resp: 755405
Ion Ratio Lower Upper
105 100
120 43.9 21.3 63.9

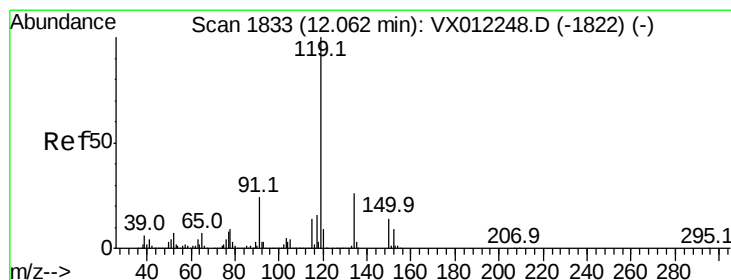
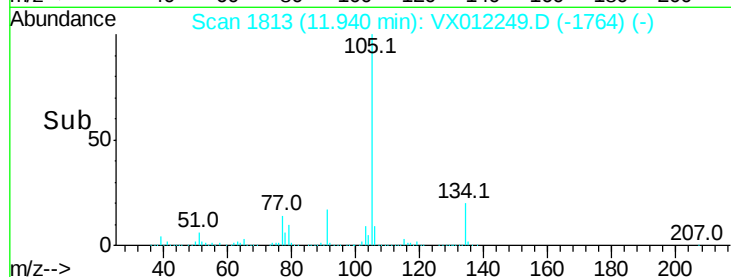
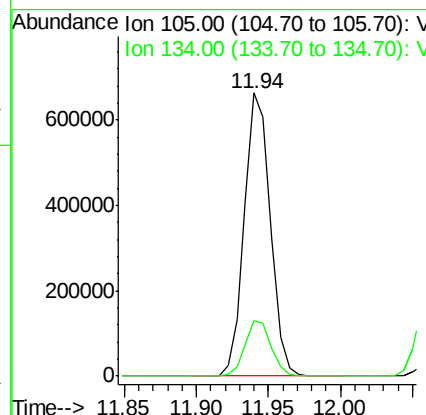
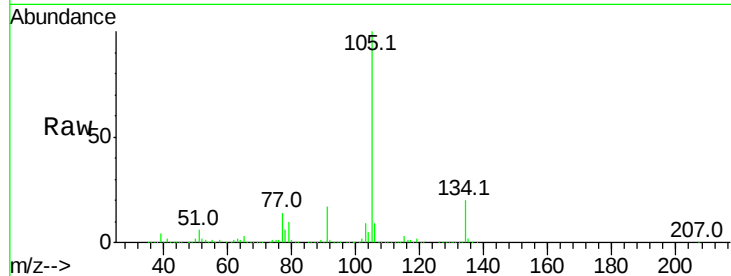




#85
 sec-Butylbenzene
 Concen: 91.266 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

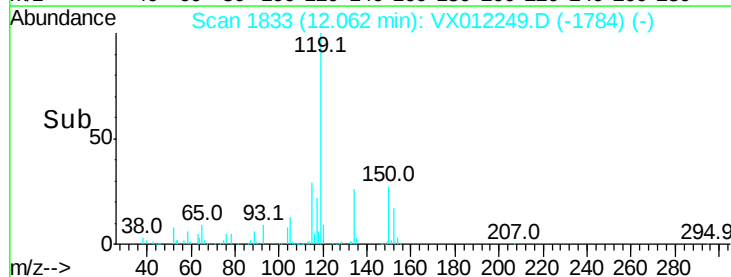
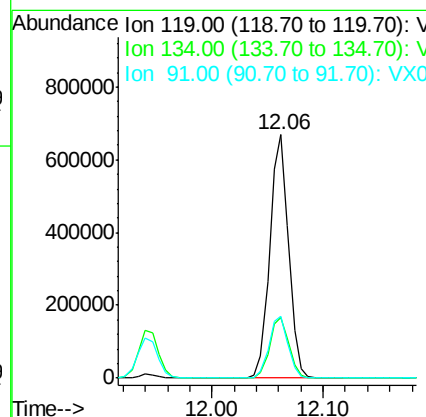
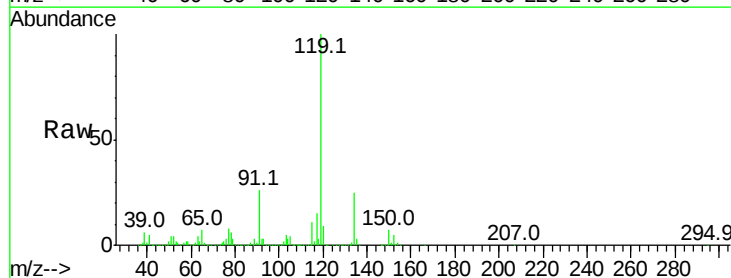
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

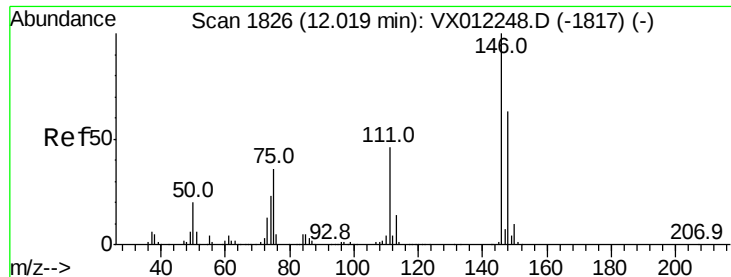
Tgt Ion:105 Resp: 828725
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 93.998 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

Tgt Ion:119 Resp: 791363
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 26.1 13.1 39.1

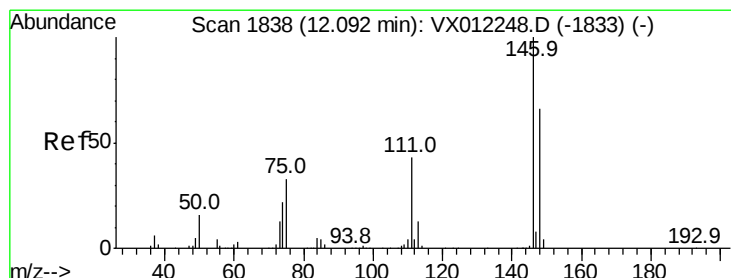
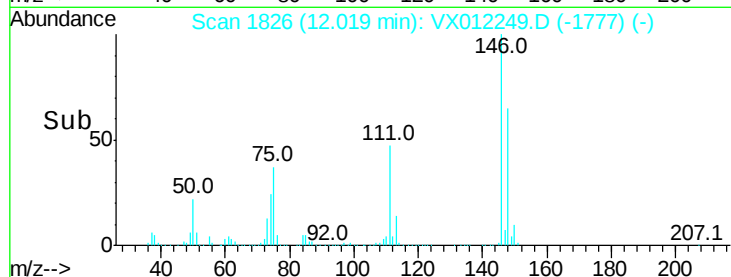
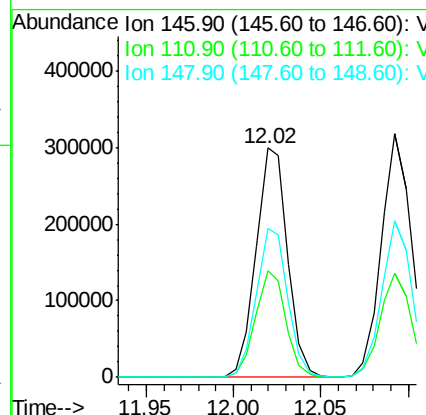
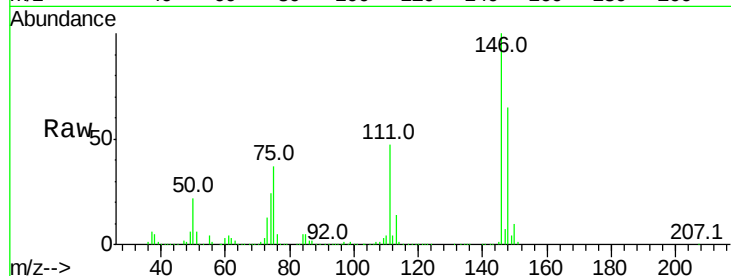




#87
 1,3-Dichlorobenzene
 Concen: 90.722 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

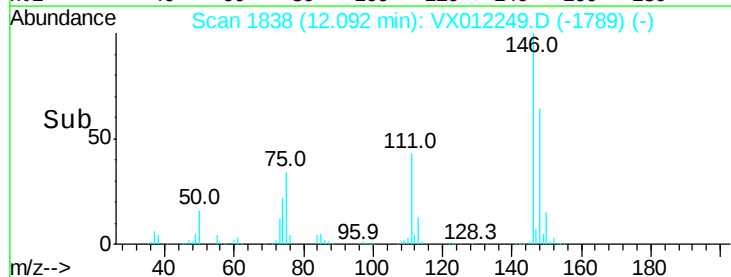
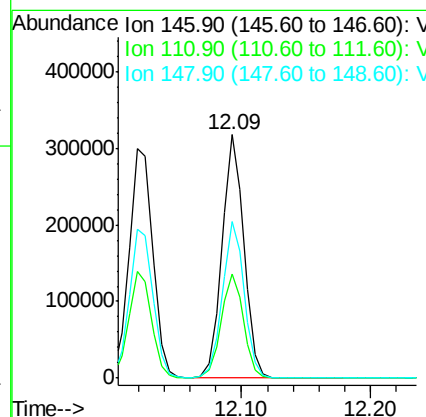
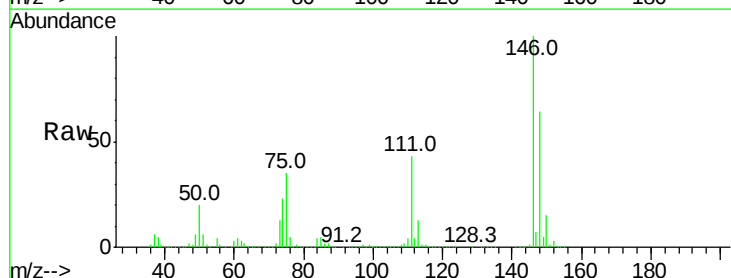
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

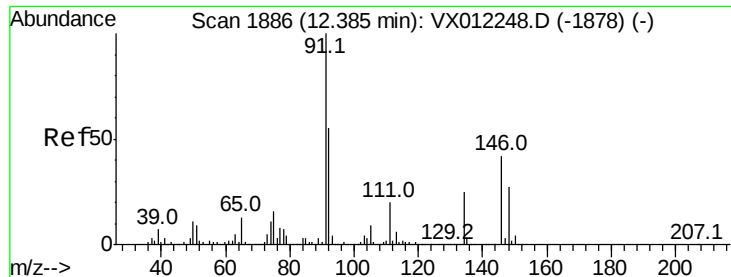
Tgt Ion:146 Resp: 378558
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.3 66.8
 148 64.6 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 91.012 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

Tgt Ion:146 Resp: 380830
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 64.8
 148 63.8 32.4 97.2

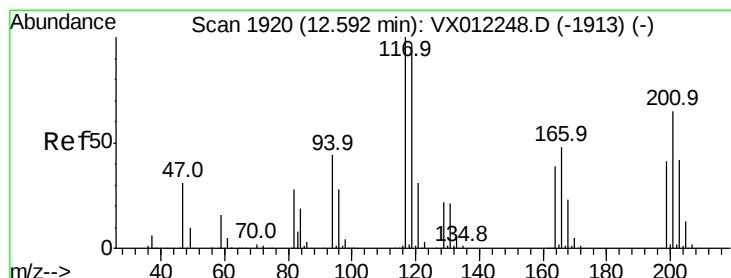
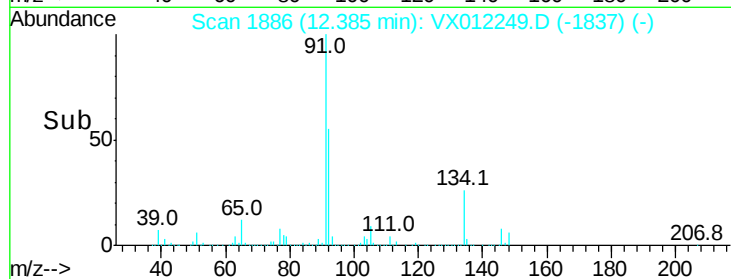
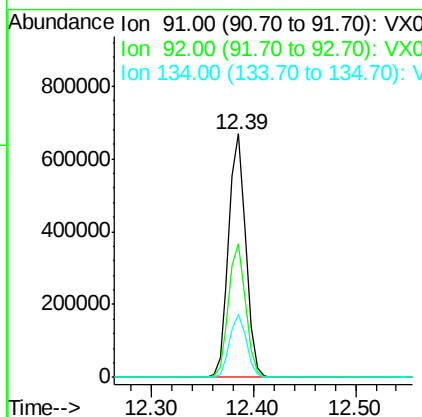
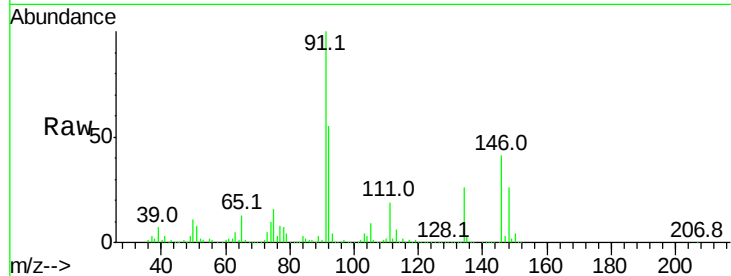




#89
n-Butylbenzene
Concen: 95.442 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

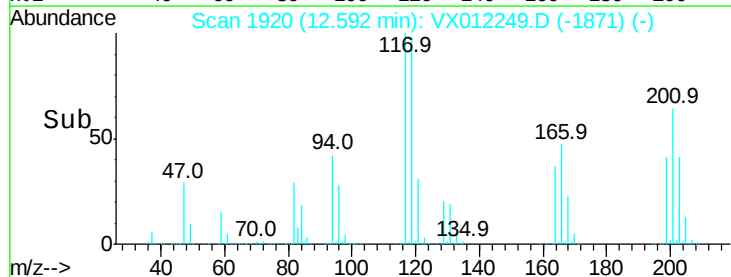
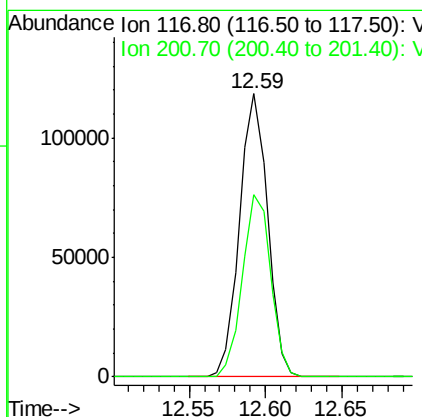
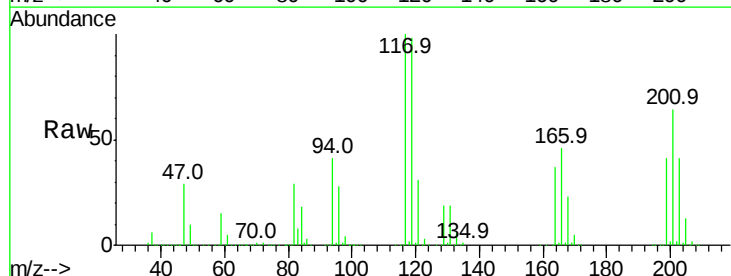
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

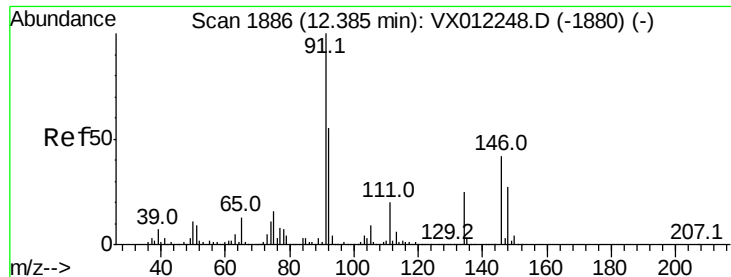
Tgt Ion: 91 Resp: 770855
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.7
134 25.3 12.5 37.5



#90
Hexachloroethane
Concen: 97.806 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion: 117 Resp: 151008
Ion Ratio Lower Upper
117 100
201 64.8 32.2 96.6

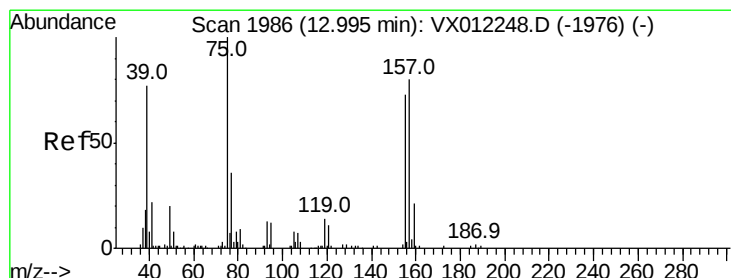
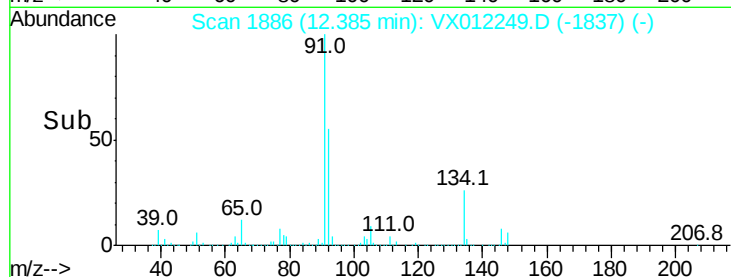
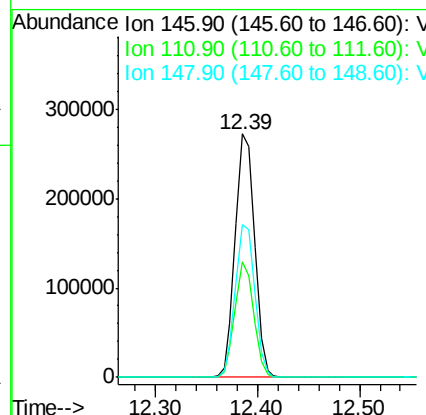
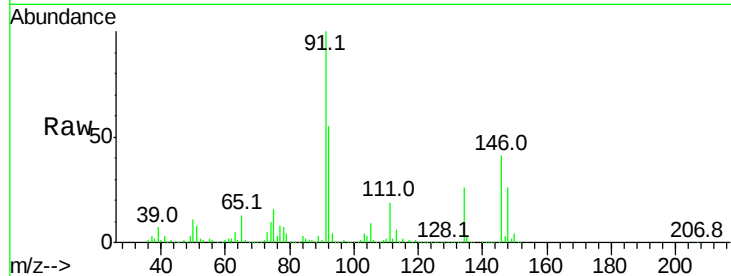




#91
 1,2-Dichlorobenzene
 Concen: 91.546 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

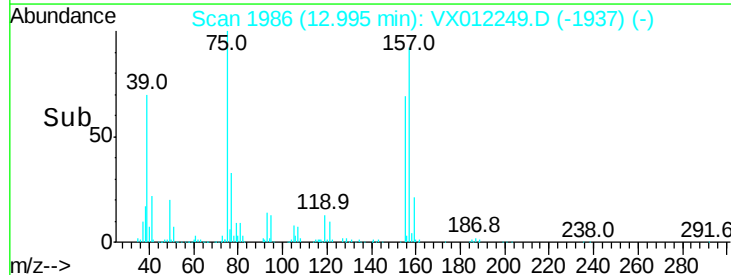
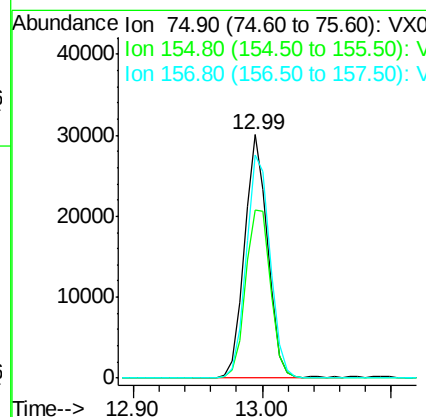
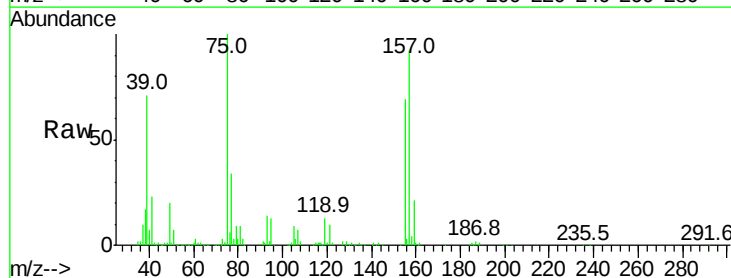
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

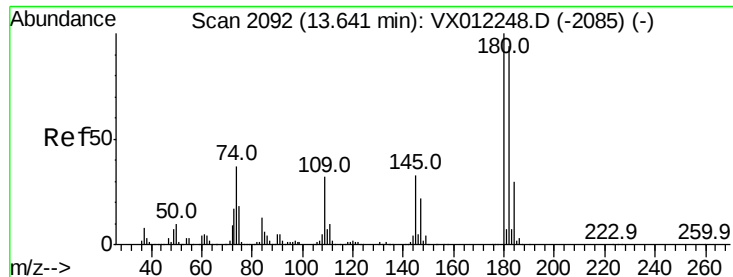
Tgt Ion:146 Resp: 357453
 Ion Ratio Lower Upper
 146 100
 111 46.0 23.2 69.6
 148 63.2 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.291 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012249.D
 Acq: 10 Sep 2019 10:55

Tgt Ion: 75 Resp: 37375
 Ion Ratio Lower Upper
 75 100
 155 74.1 35.3 105.7
 157 93.6 43.2 129.6

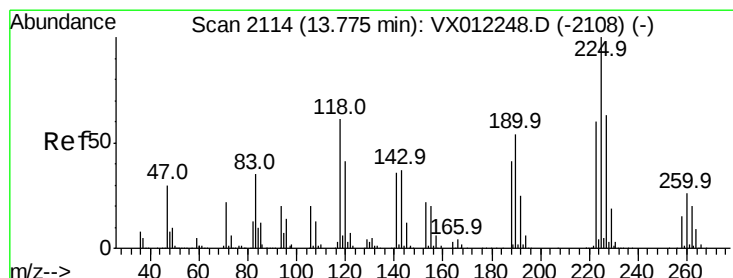
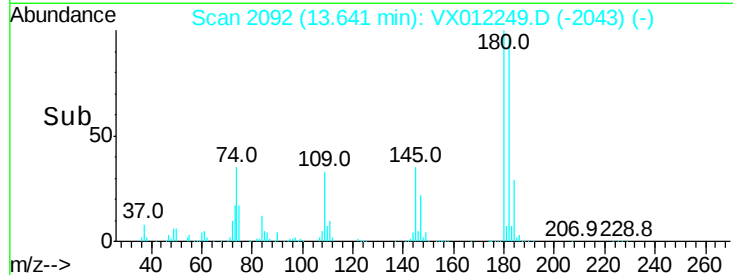
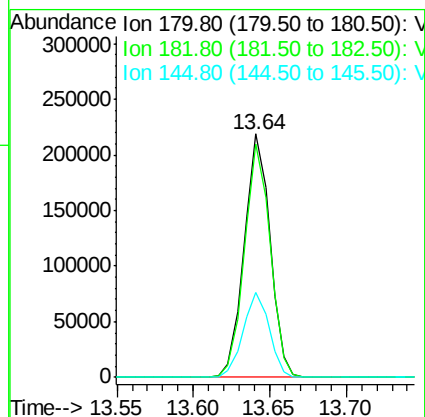
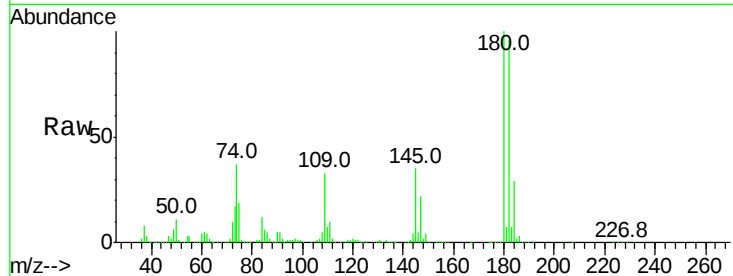




#93
1,2,4-Trichlorobenzene
Concen: 99.460 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

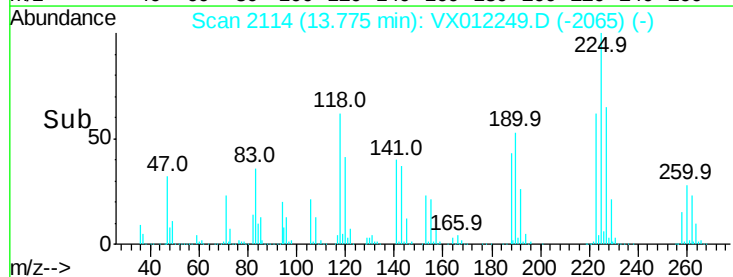
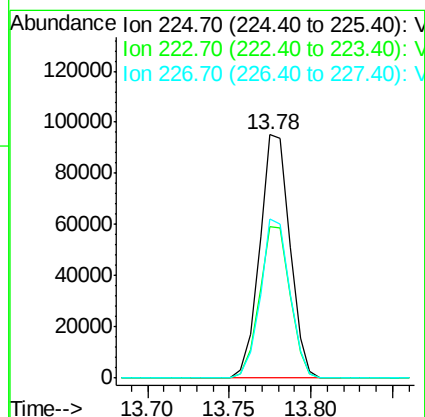
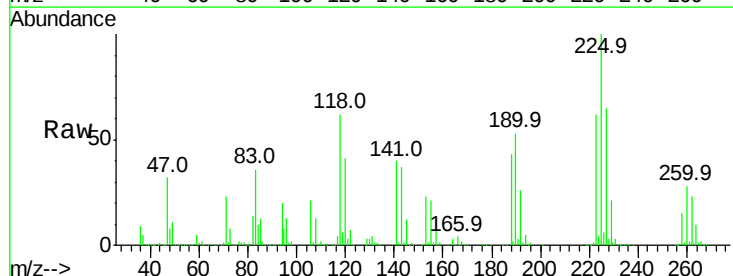
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

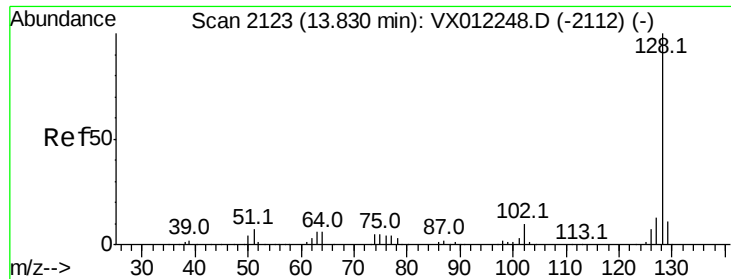
Tgt Ion:180 Resp: 256801
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.8
145 35.2 17.1 51.2



#94
Hexachlorobutadiene
Concen: 98.045 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion:225 Resp: 122467
Ion Ratio Lower Upper
225 100
223 62.8 32.1 96.5
227 63.3 32.5 97.5

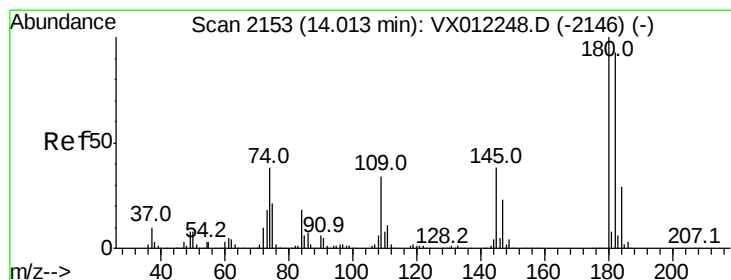
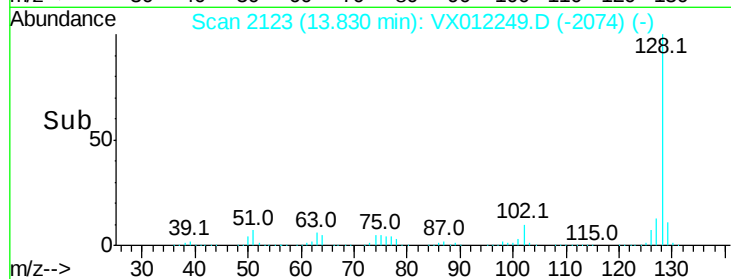
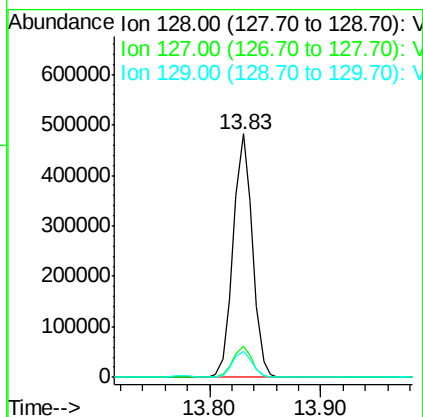
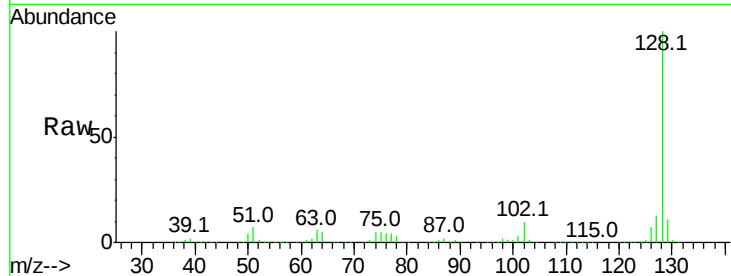




#95
Naphthalene
Concen: 101.370 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 574698
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 102.960 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012249.D
Acq: 10 Sep 2019 10:55

Tgt Ion:180 Resp: 232460
Ion Ratio Lower Upper
180 100
182 93.3 47.0 141.0
145 36.4 18.6 55.8

