

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013367.D
 Acq On : 11 Nov 2019 16:29
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 12 01:03:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	126917	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	714641	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	631942	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	275580	28.08	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.60%
60) 4-Bromofluorobenzene	11.13	95	301194	27.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.87%
63) Toluene-d8	8.71	98	879564	31.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	40137	4.406	ug/l 93
3) Chloromethane	1.31	50	47854	5.710	ug/l 99
4) Vinyl Chloride	1.40	62	52289	5.907	ug/l 99
5) Bromomethane	1.62	94	36122	7.804	ug/l 97
6) Chloroethane	1.71	64	33689	6.242	ug/l 95
7) Trichlorofluoromethane	1.92	101	64131	4.955	ug/l 98
8) Diethyl Ether	2.17	74	28536	6.077	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37475	4.710	ug/l 94
10) 1,1-Dichloroethene	2.36	96	37863	4.910	ug/l 98
11) Methyl Iodide	2.50	142	37393	3.793	ug/l 97
12) Methyl Acetate	2.76	43	62411	5.890	ug/l 96
13) Acrolein	2.28	56	37975	26.100	ug/l 90
14) Acrylonitrile	3.12	53	120980	28.172	ug/l 100
15) Acetone	2.43	58	35854	25.318	ug/l 97
16) Carbon Disulfide	2.56	76	101319	4.872	ug/l 99
17) Allyl chloride	2.72	41	67603	5.349	ug/l 98
18) Methylene Chloride	2.84	84	46358	5.217	ug/l 93
19) trans-1,2-Dichloroethene	3.15	96	41216	5.040	ug/l 96
20) Diisopropyl ether	3.84	45	137281	5.648	ug/l 94
21) 1,1-Dichloroethane	3.69	63	74231	5.126	ug/l 96
22) cis-1,2-Dichloroethene	4.58	96	46583	5.005	ug/l 97
23) tert-Butyl Alcohol	3.03	59	63856	29.004	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	125543	4.746	ug/l 97
25) Chloroform	5.20	83	75415	5.021	ug/l 99
26) Cyclohexane	5.56	56	68629	5.365	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	55526	5.100	ug/l 88
30) 2-Butanone	4.65	43	176755	29.180	ug/l 99
31) 2,2-Dichloropropane	4.57	77	58821	4.683	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	60380	4.618	ug/l 98
33) Carbon Tetrachloride	5.77	117	51352	4.550	ug/l 96
34) Benzene	6.13	78	167625	5.266	ug/l 98
35) Methacrylonitrile	5.03	41	32964	5.342	ug/l 94
36) 1,2-Dichloroethane	6.18	62	60002	5.057	ug/l 99
37) Trichloroethene	7.21	130	44382	5.067	ug/l 96
38) Methylcyclohexane	7.45	83	67850	5.055	ug/l 98
39) 1,2-Dichloropropane	7.50	63	43574	5.527	ug/l 100
40) Dibromomethane	7.65	93	29769	5.357	ug/l 97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 12 01:03:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	53336	4.771	ug/l	98
42) Vinyl Acetate	3.80	43	581751	28.461	ug/l	99
43) Ethyl Acetate	4.82	43	63593	5.738	ug/l	98
44) Isopropyl Acetate	6.43	43	103127	5.663	ug/l	98
45) 1,4-Dioxane	7.73	88	22683	101.858	ug/l	98
46) Methyl methacrylate	7.76	41	50178	5.597	ug/l	98
47) n-amyl Acetate	10.89	43	83196	5.342	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	57523	4.684	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	63110	4.713	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	42428	5.151	ug/l	97
51) Ethyl methacrylate	9.17	69	65595	5.054	ug/l	96
52) 1,3-Dichloropropane	9.37	76	73413	5.285	ug/l	99
53) Dibromochloromethane	9.57	129	41125	4.649	ug/l	99
54) 1,2-Dibromoethane	9.67	107	45027	5.123	ug/l	95
55) 2-Chloroethyl vinyl ether	8.30	63	157590	29.315	ug/l	99
56) Bromoform	10.85	173	30972	4.829	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	329694	29.921	ug/l	100
59) 2-Hexanone	9.48	43	257168	29.628	ug/l	99
61) Tetrachloroethene	9.33	164	42538	5.258	ug/l	99
62) Toluene	8.78	91	184232	5.406	ug/l	99
64) Chlorobenzene	10.14	112	112390	5.181	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	41037	5.068	ug/l	97
66) Ethyl Benzene	10.25	91	196586	5.056	ug/l	99
67) m/p-Xylenes	10.35	106	152449	10.328	ug/l	98
68) o-Xylene	10.69	106	71834	5.061	ug/l	98
69) Styrene	10.71	104	117557	4.840	ug/l	98
70) Isopropylbenzene	11.01	105	194420	5.042	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	67058	5.482	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	74548	7.351	ug/l	82
73) Bromobenzene	11.25	156	50732	5.370	ug/l	99
74) n-propylbenzene	11.35	91	215614	5.060	ug/l	99
75) 2-Chlorotoluene	11.42	91	132168	5.011	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	159034	4.893	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	18661	4.530	ug/l	97
78) 4-Chlorotoluene	11.51	91	147941	4.897	ug/l	99
79) tert-butylbenzene	11.76	119	157442	4.960	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	157679	4.861	ug/l	99
81) sec-Butylbenzene	11.94	105	180855	4.868	ug/l	100
82) p-Isopropyltoluene	12.06	119	164278	4.816	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	87597	5.129	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	87363	5.171	ug/l	99
85) n-Butylbenzene	12.38	91	132520	4.560	ug/l	99
86) Hexachloroethane	12.59	117	28351	4.740	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	87557	5.271	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	12.99	75	13594	4.673	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	54457	5.148	ug/l	97
90) Hexachlorobutadiene	13.78	225	28545	5.339	ug/l	96
91) Naphthalene	13.83	128	167258	4.889	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	56882	5.256	ug/l	97

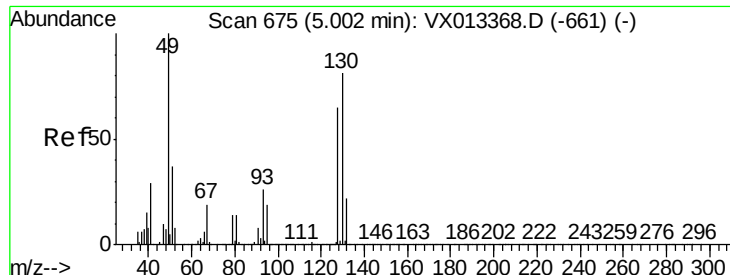
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
Data File : VX013367.D
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Nov 12 01:03:30 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:01:06 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

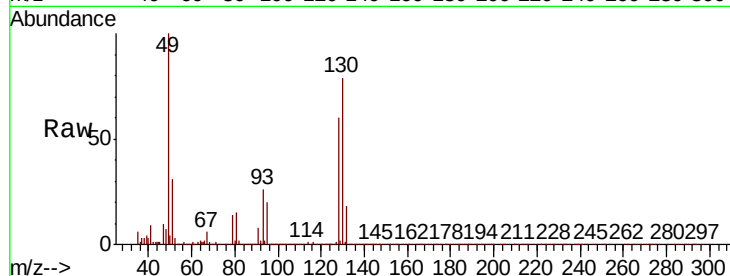
Tot Ion:128 Resp: 126917

Ion Ratio Lower Upper

128 100

49 159.8 0.0 388.3

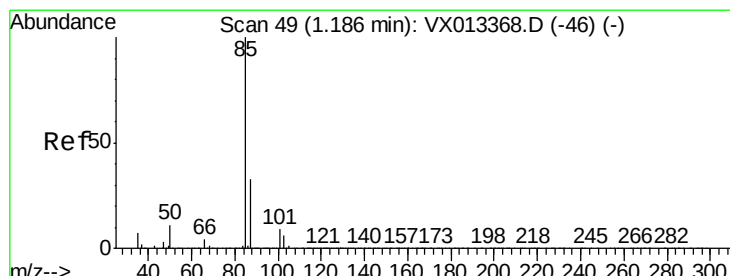
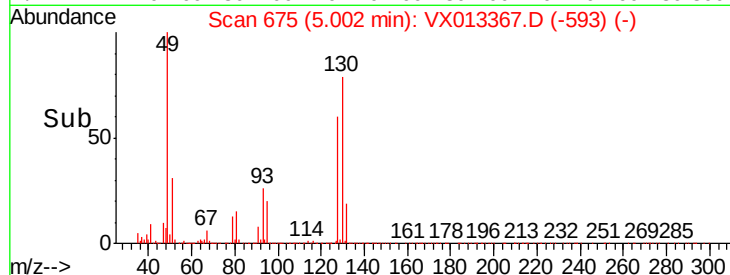
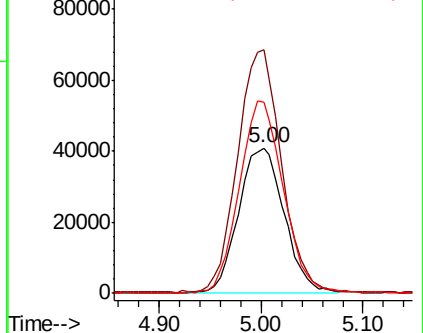
130 127.8 0.0 318.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 4.406 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013367.D

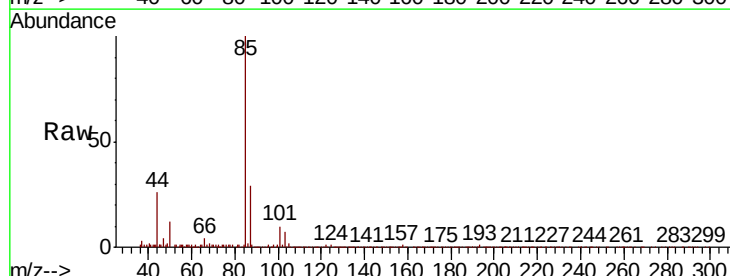
Acq: 11 Nov 2019 16:29

Tgt Ion: 85 Resp: 40137

Ion Ratio Lower Upper

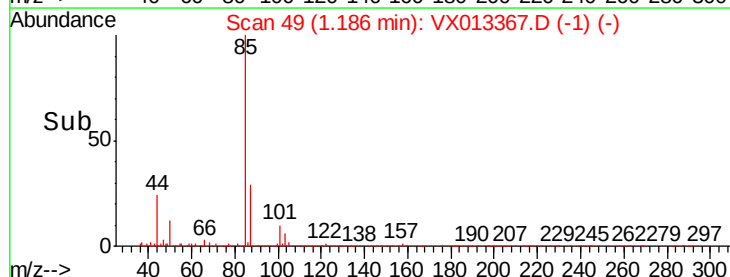
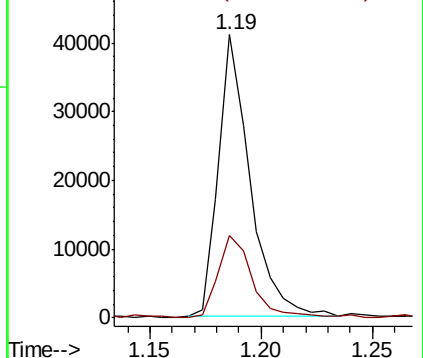
85 100

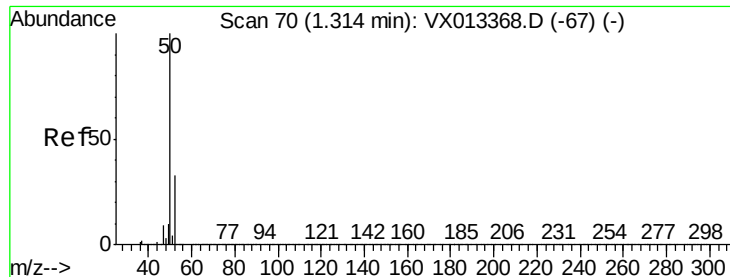
87 29.2 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

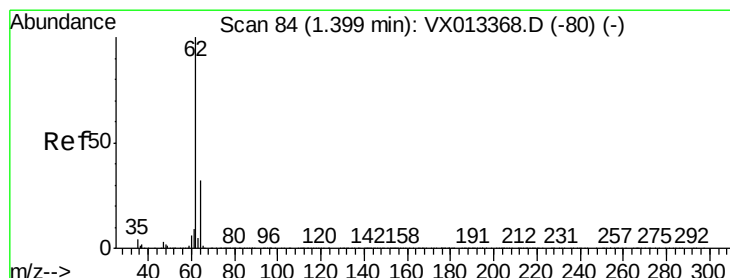
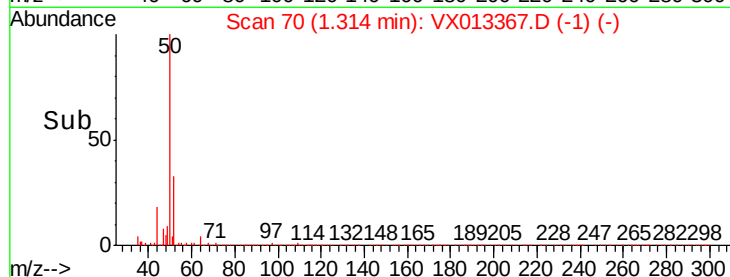
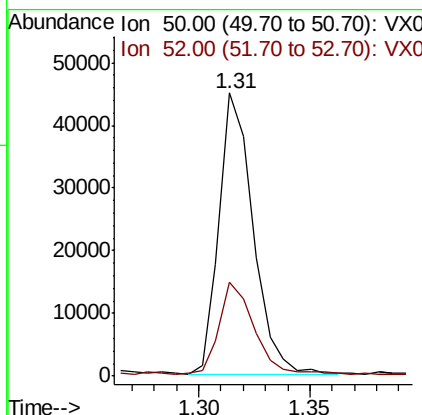
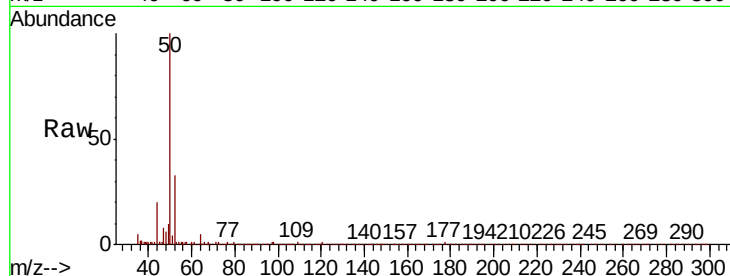




#3
Chloromethane
Concen: 5.710 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

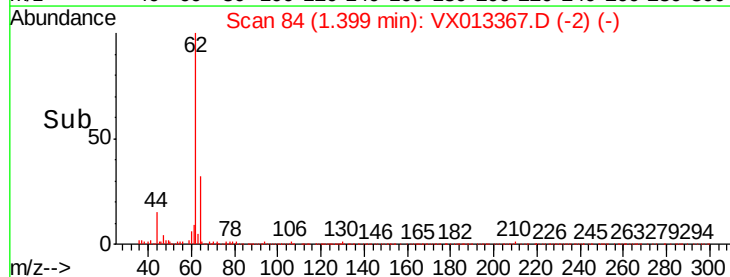
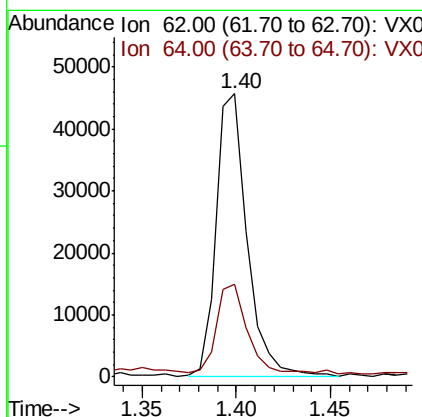
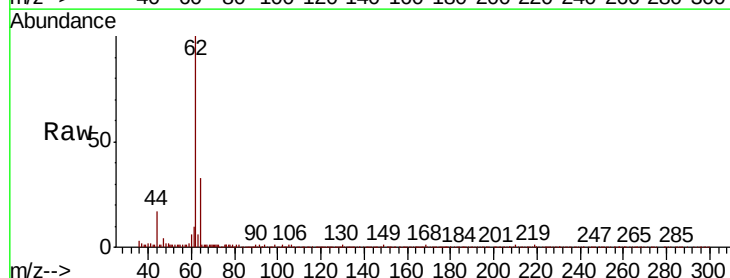
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

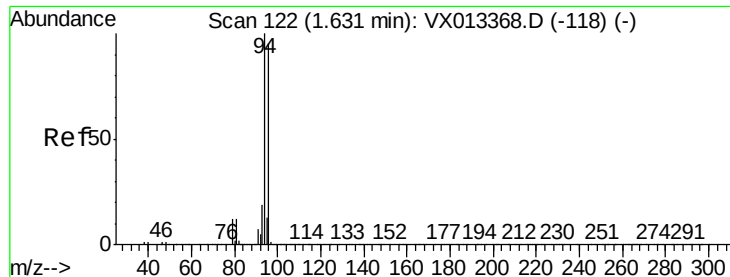
Tot Ion: 50 Resp: 47854
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 5.907 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion: 62 Resp: 52289
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2





#5

Bromomethane

Concen: 7.804 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

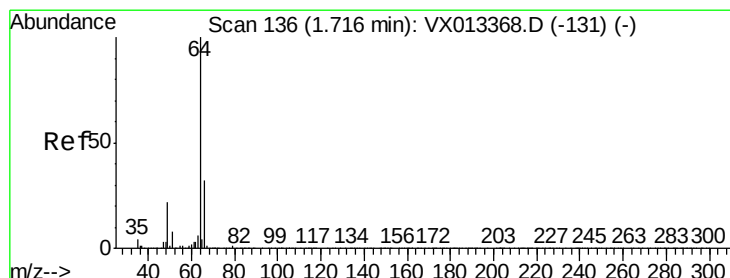
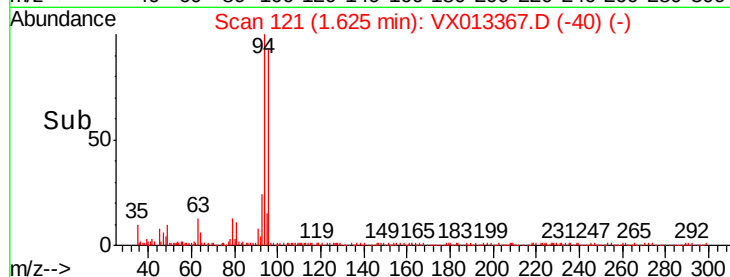
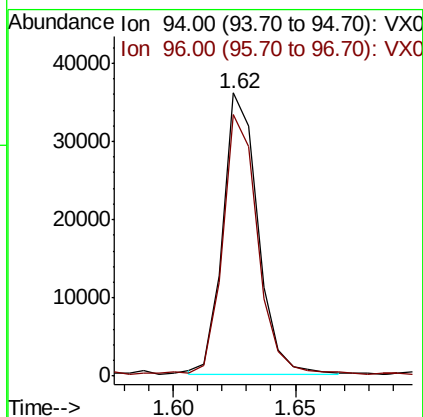
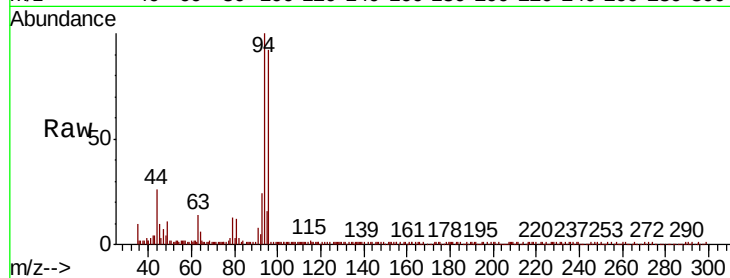
VSTDIC005

Tot Ion: 94 Resp: 36122

Ion Ratio Lower Upper

94 100

96 92.0 75.7 113.5



#6

Chloroethane

Concen: 6.242 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX013367.D

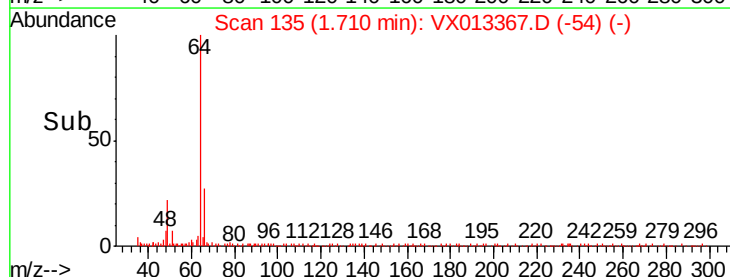
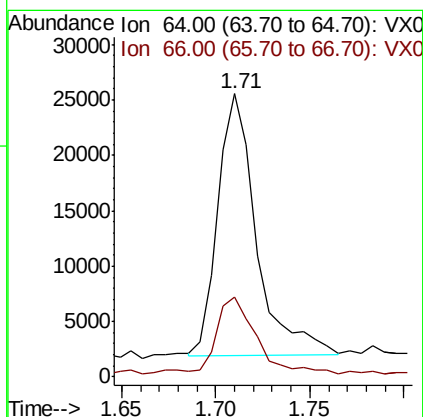
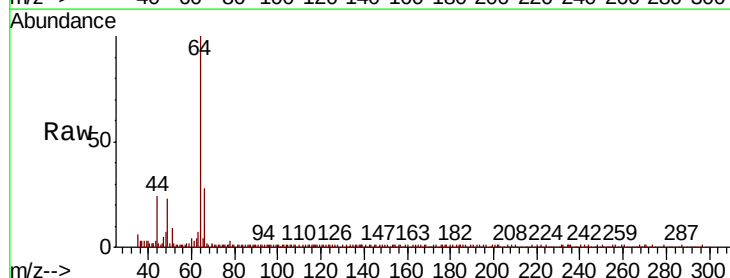
Acq: 11 Nov 2019 16:29

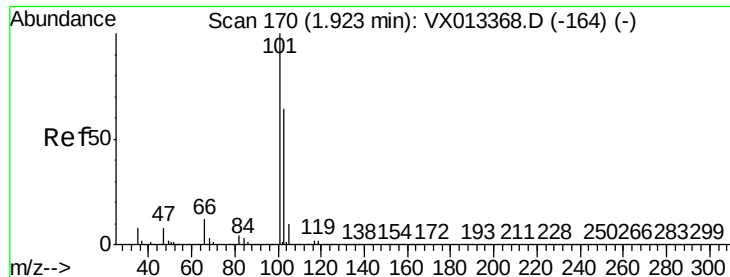
Tgt Ion: 64 Resp: 33689

Ion Ratio Lower Upper

64 100

66 28.9 25.5 38.3



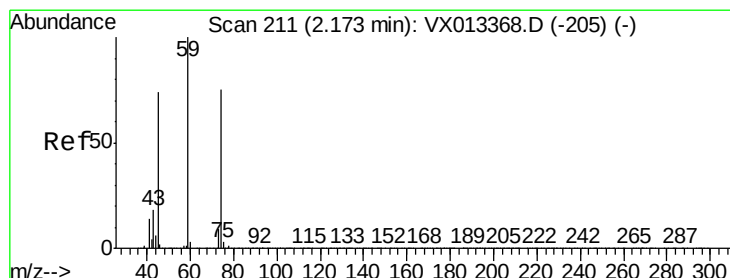
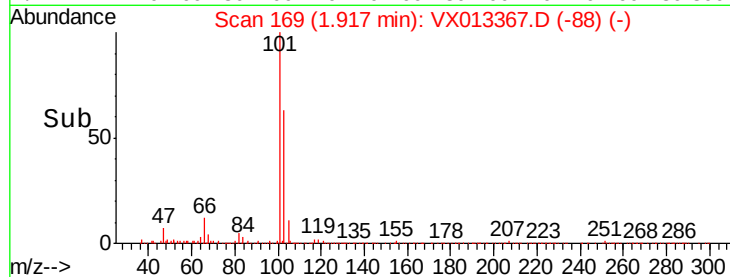
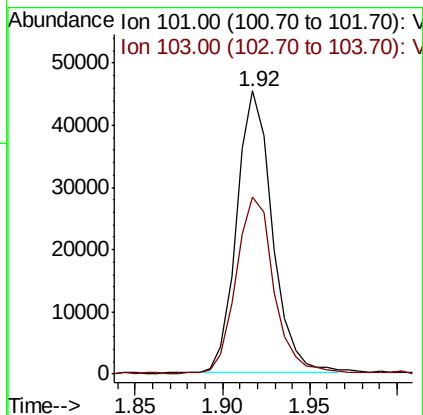
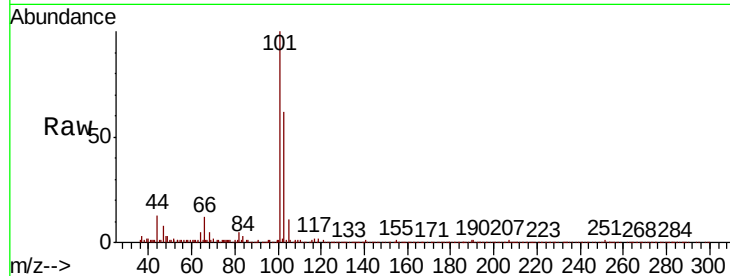


#7

Trichlorofluoromethane
Concen: 4.955 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

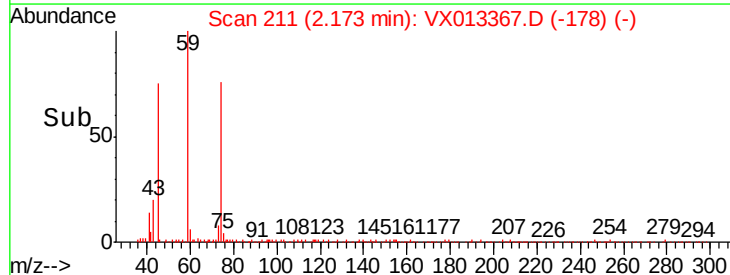
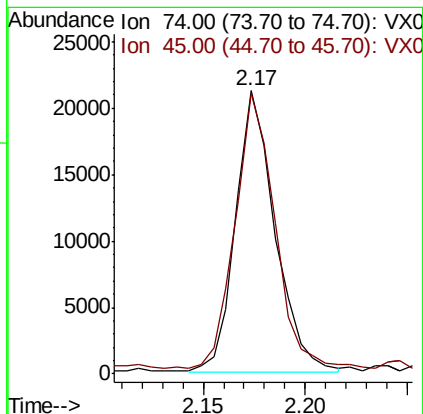
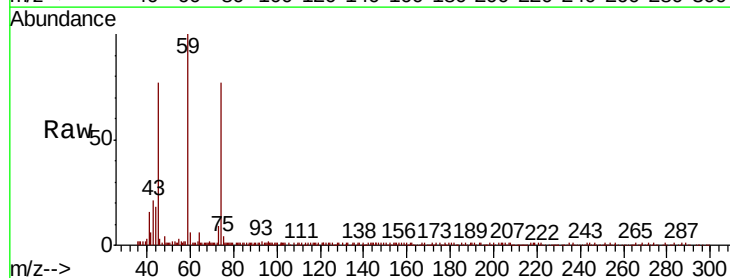
Tot Ion:101 Resp: 64131
Ion Ratio Lower Upper
101 100
103 62.2 51.2 76.8

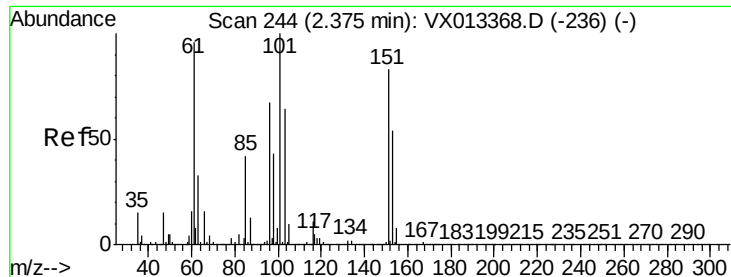


#8

Diethyl Ether
Concen: 6.077 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion: 74 Resp: 28536
Ion Ratio Lower Upper
74 100
45 97.5 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.710 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

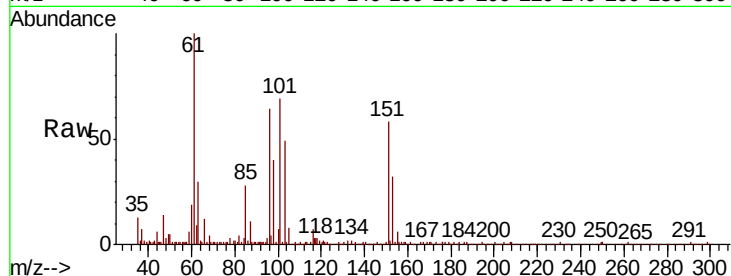
Tot Ion:101 Resp: 37475

Ion Ratio Lower Upper

101 100

85 45.0 0.0 83.2

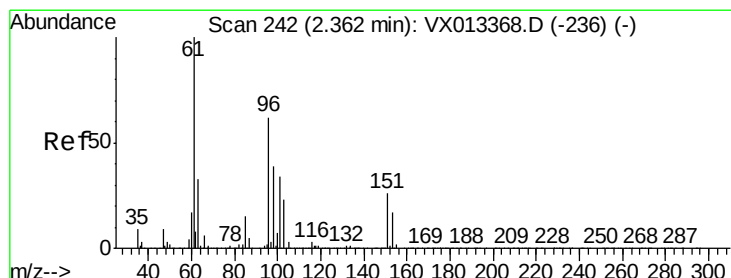
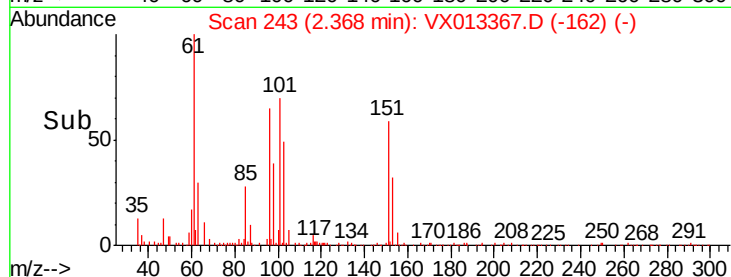
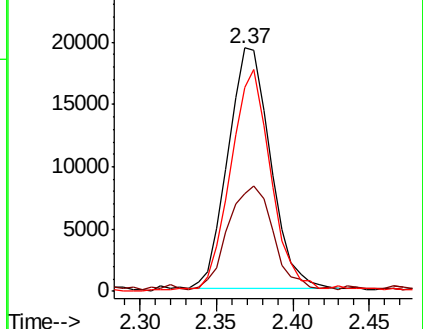
151 87.0 0.0 163.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 4.910 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

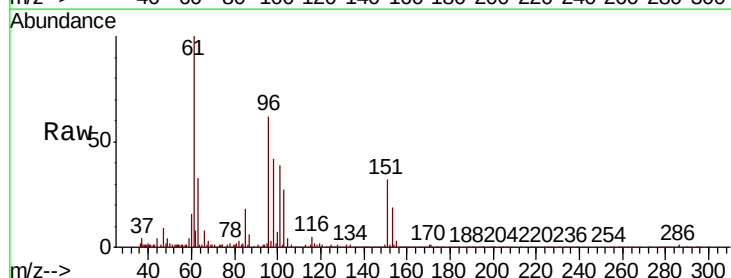
Tgt Ion: 96 Resp: 37863

Ion Ratio Lower Upper

96 100

61 162.1 128.9 193.3

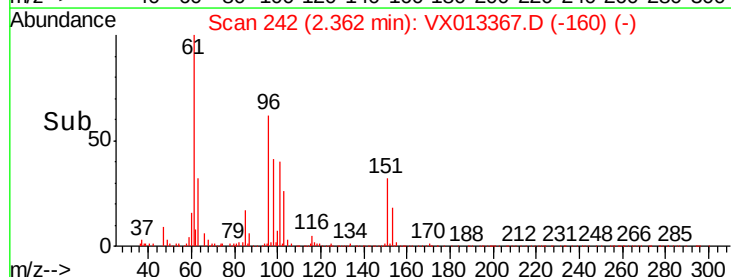
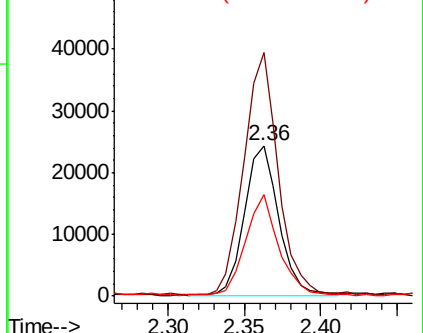
98 67.3 49.7 74.5

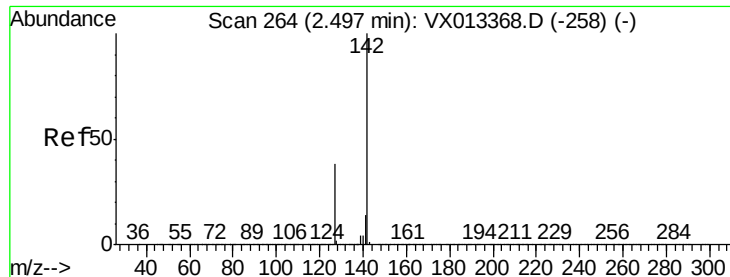


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

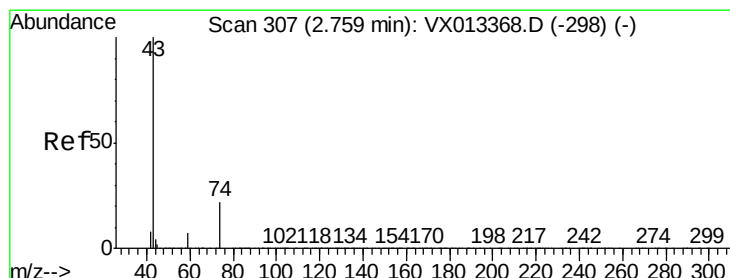
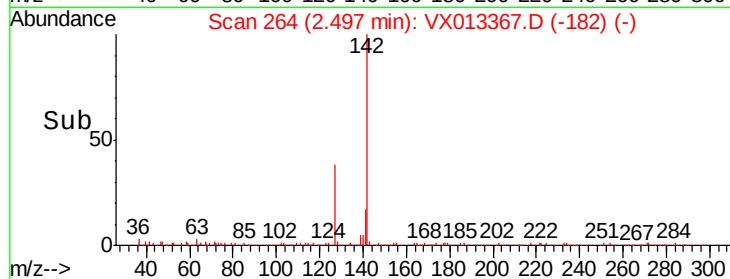
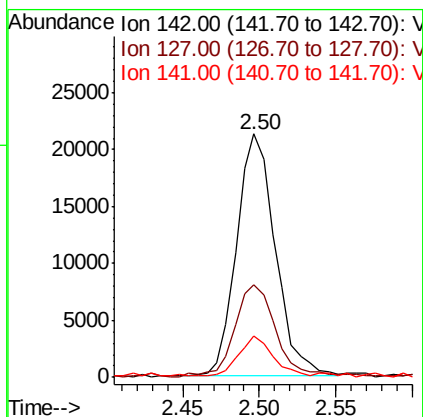
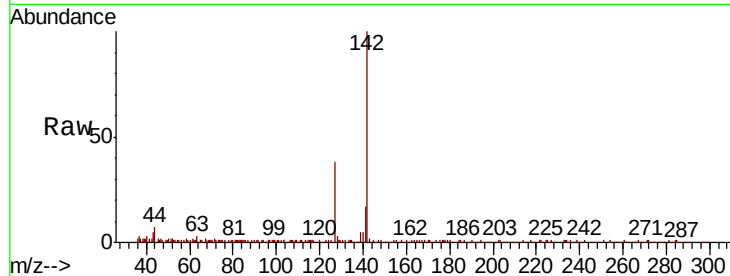




#11
Methvl Iodide
Concen: 3.793 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

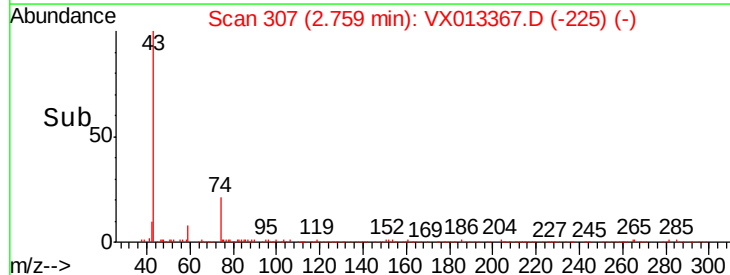
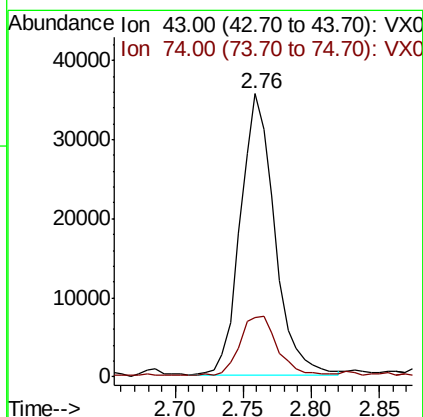
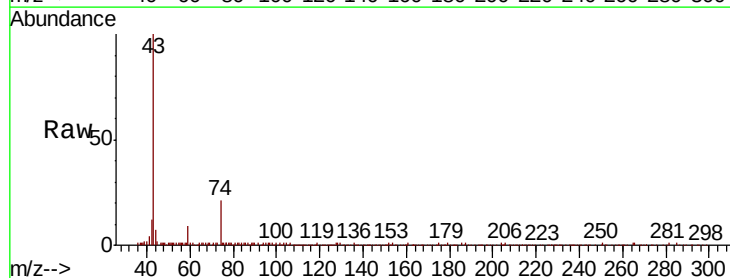
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

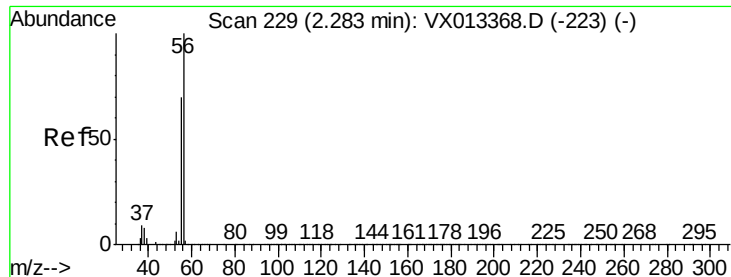
Tot Ion:142 Resp: 37393
Ion Ratio Lower Upper
142 100
127 37.1 19.1 57.5
141 16.5 7.0 21.0



#12
Methyl Acetate
Concen: 5.890 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion: 43 Resp: 62411
Ion Ratio Lower Upper
43 100
74 20.6 18.0 27.0





#13

Acrolein

Concen: 26.100 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

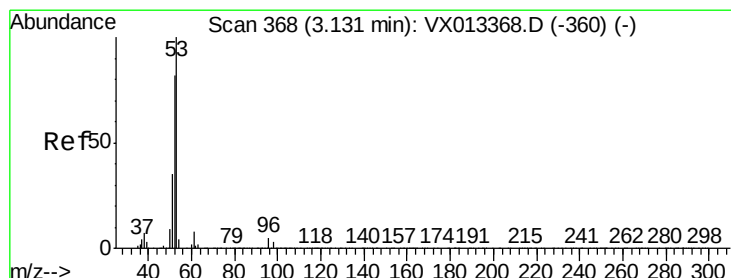
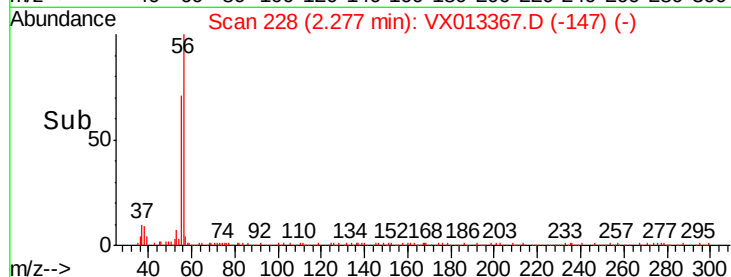
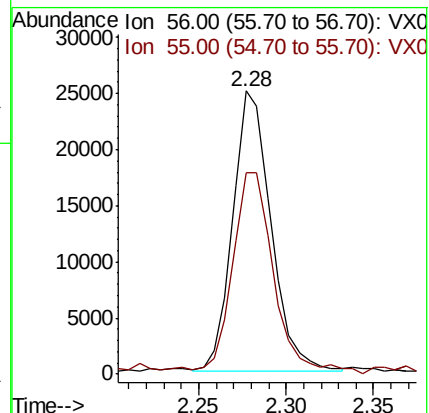
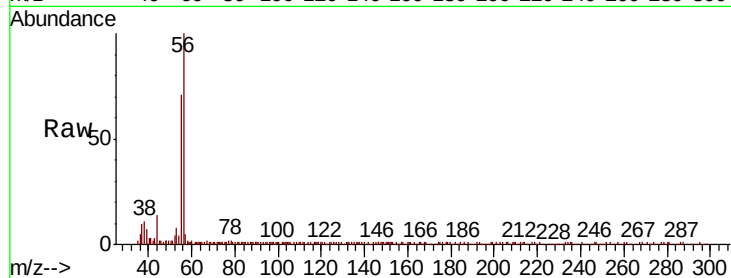
VSTDIC005

Tot Ion: 56 Resp: 37975

Ion Ratio Lower Upper

56 100

55 77.9 55.8 83.8



#14

Acrylonitrile

Concen: 28.172 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

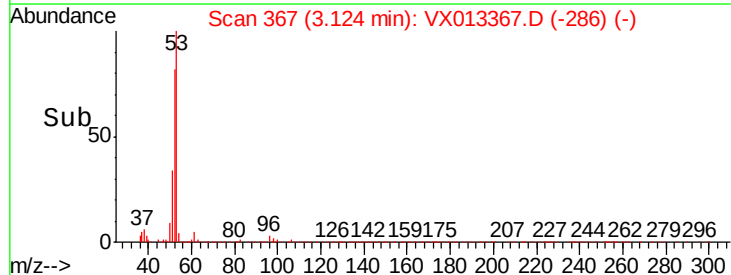
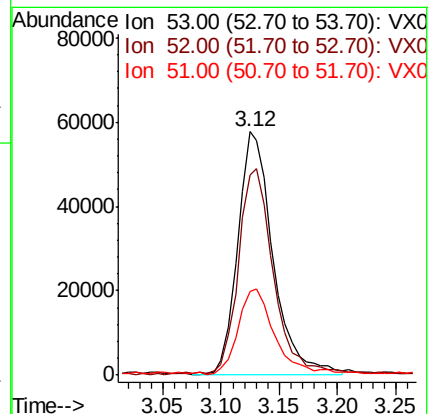
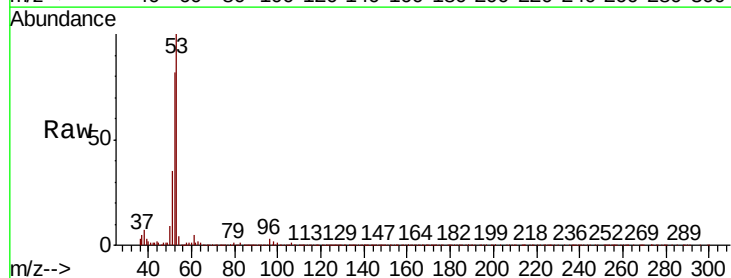
Tgt Ion: 53 Resp: 120980

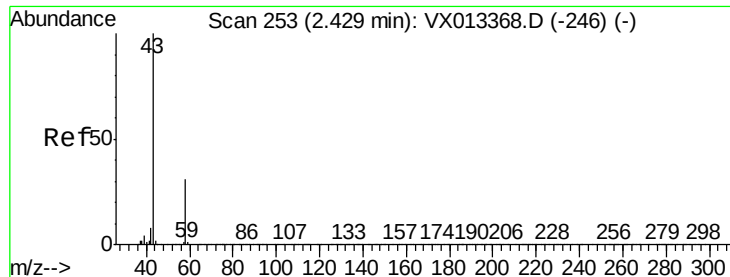
Ion Ratio Lower Upper

53 100

52 82.2 41.0 123.0

51 35.2 17.3 51.9





#15

Acetone

Concen: 25.318 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

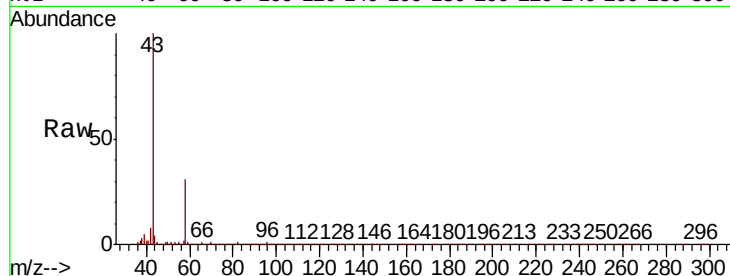
VSTDIC005

Tot Ion: 58 Resp: 35854

Ion Ratio Lower Upper

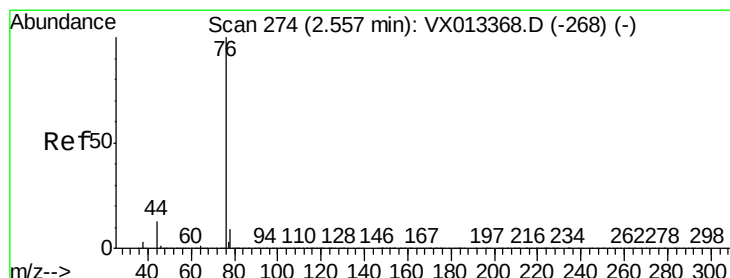
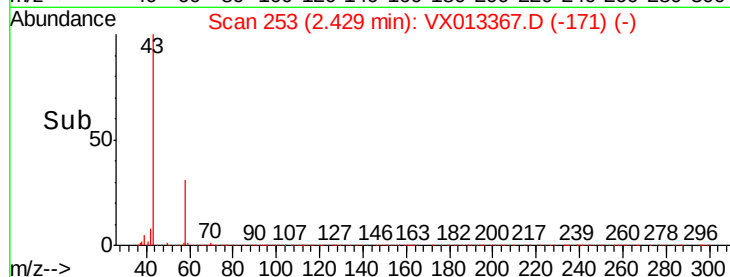
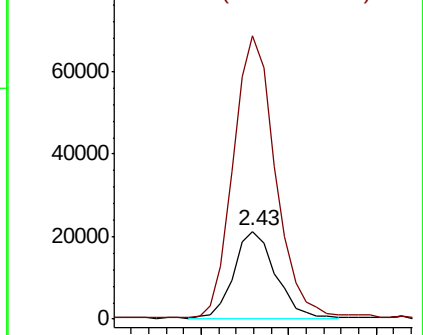
58 100

43 320.4 261.4 392.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 4.872 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013367.D

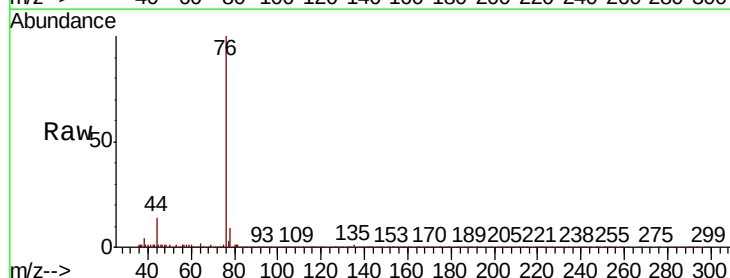
Acq: 11 Nov 2019 16:29

Tgt Ion: 76 Resp: 101319

Ion Ratio Lower Upper

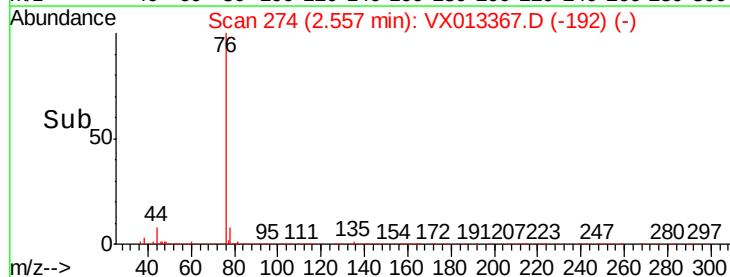
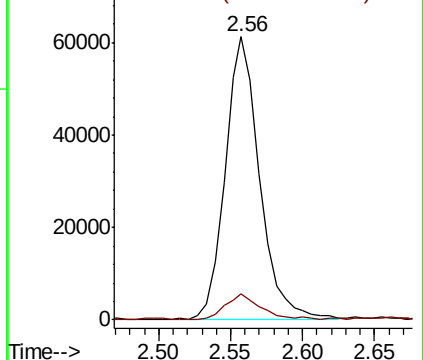
76 100

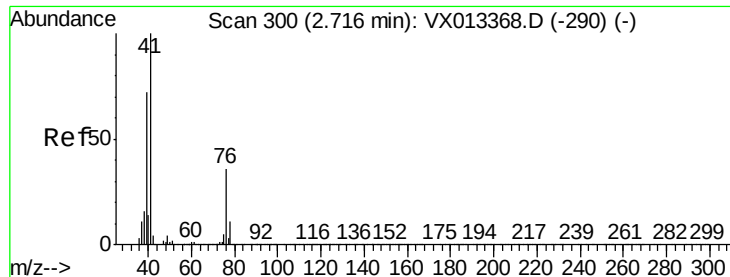
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

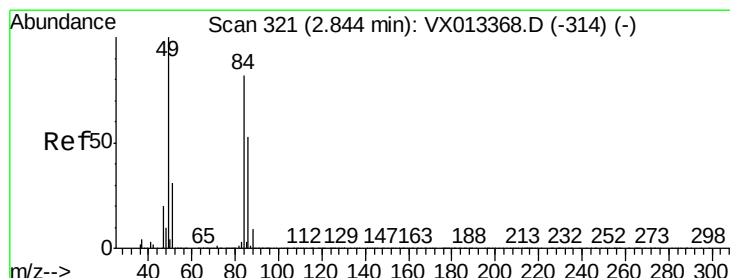
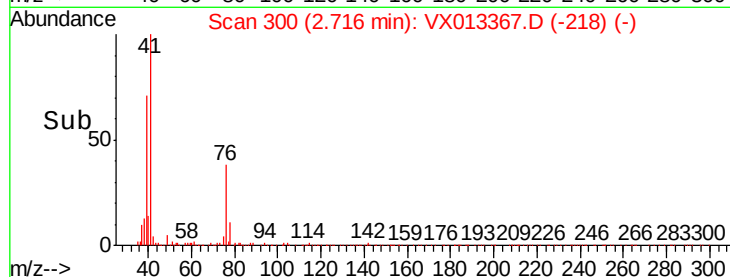
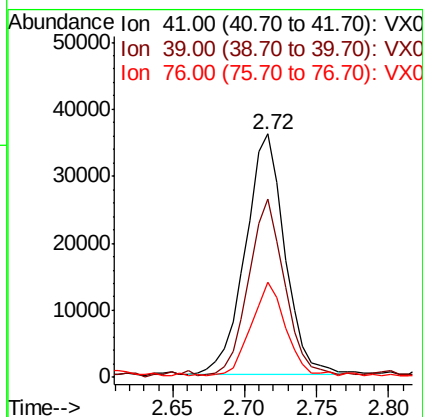
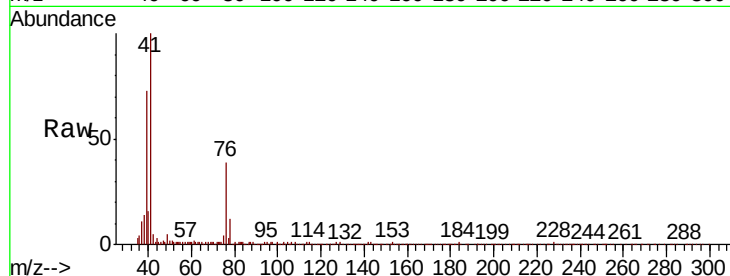




#17
Allvl chloride
Concen: 5.349 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

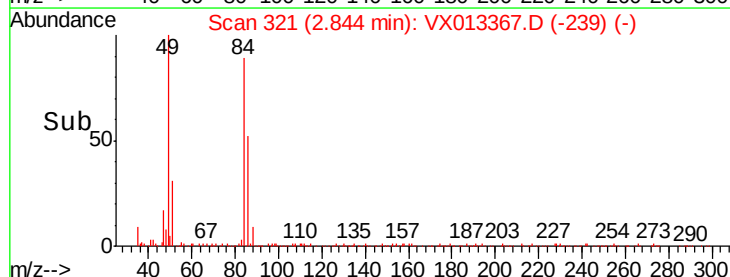
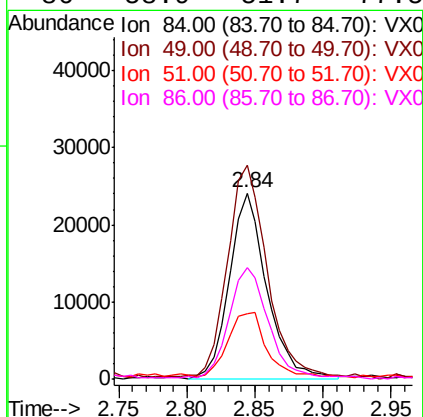
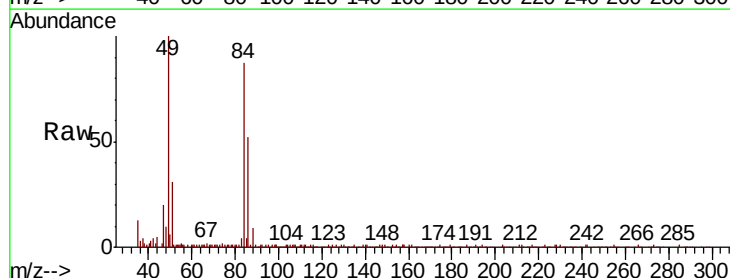
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

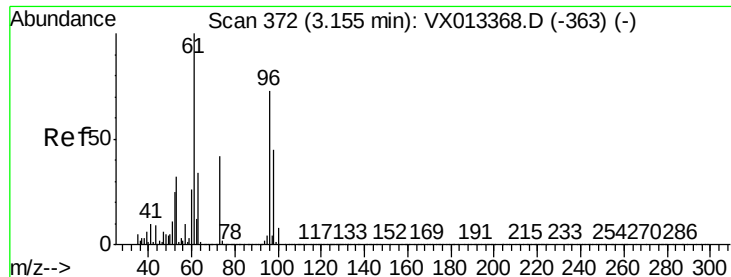
Tot Ion: 41 Resp: 67603
Ion Ratio Lower Upper
41 100
39 72.9 36.1 108.3
76 39.0 18.1 54.4



#18
Methylene Chloride
Concen: 5.217 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion: 84 Resp: 46358
Ion Ratio Lower Upper
84 100
49 112.5 96.8 145.2
51 34.0 30.0 45.0
86 58.9 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 5.040 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

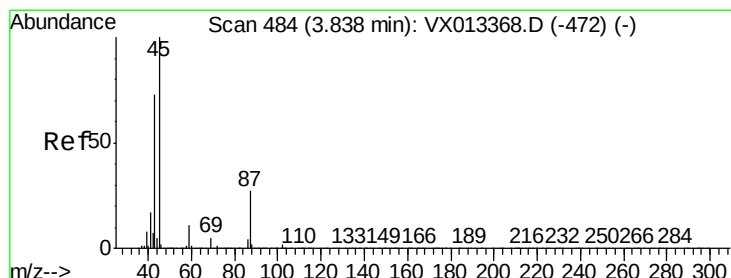
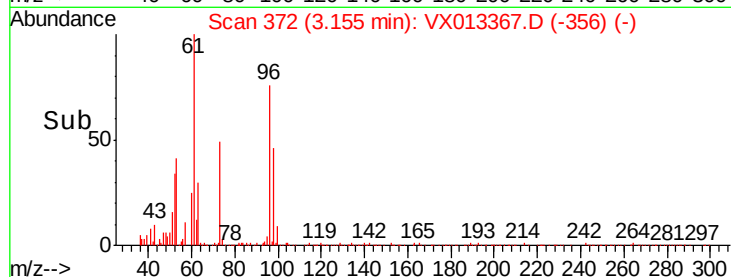
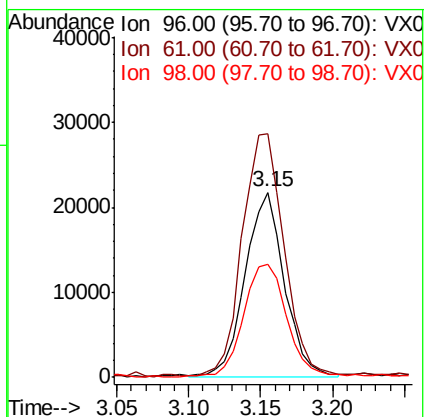
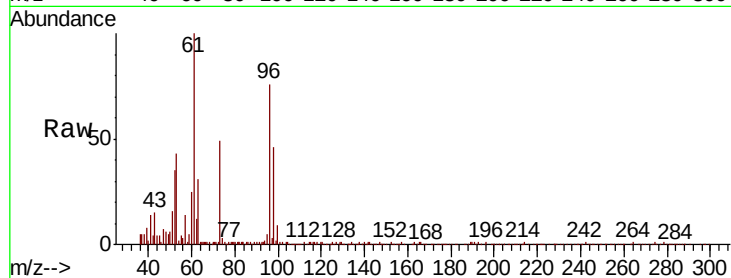
Tot Ion: 96 Resp: 41216

Ion Ratio Lower Upper

96 100

61 131.9 109.9 164.9

98 60.5 49.7 74.5



#20

Diisopropyl ether

Concen: 5.648 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Tgt Ion: 45 Resp: 137281

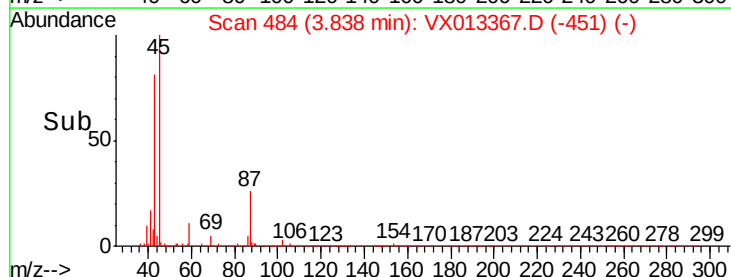
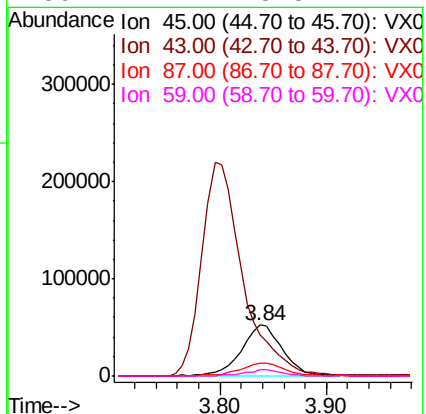
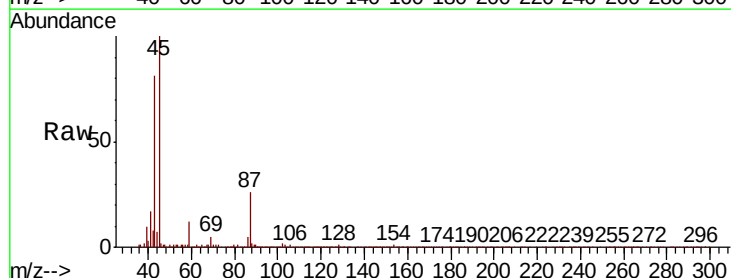
Ion Ratio Lower Upper

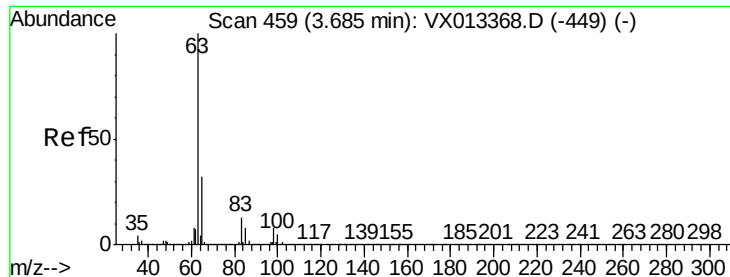
45 100

43 78.2 67.7 101.5

87 25.7 21.5 32.3

59 11.7 8.5 12.7





#21

1,1-Dichloroethane

Concen: 5.126 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

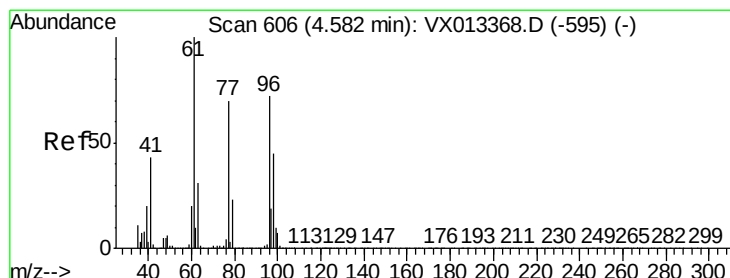
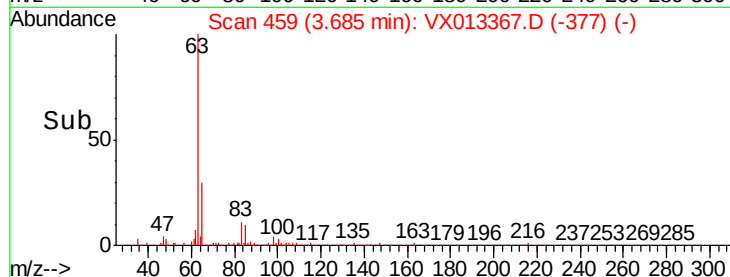
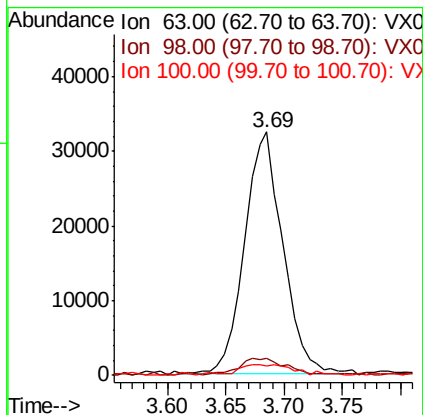
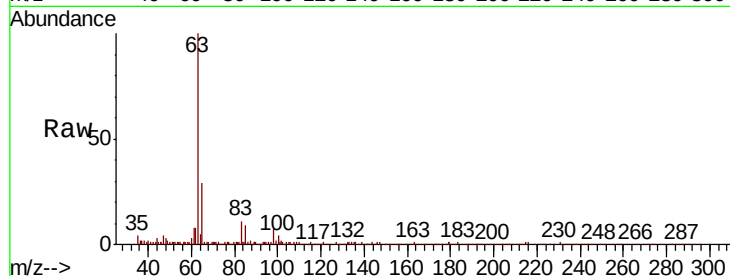
Tot Ion: 63 Resp: 74231

Ion Ratio Lower Upper

63 100

98 6.4 4.0 11.9

100 3.4 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 5.005 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

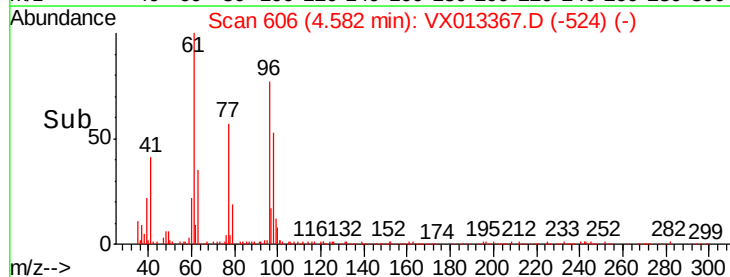
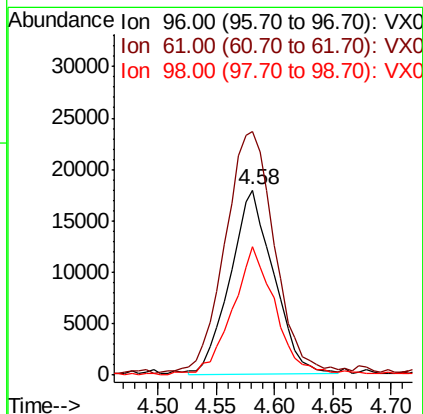
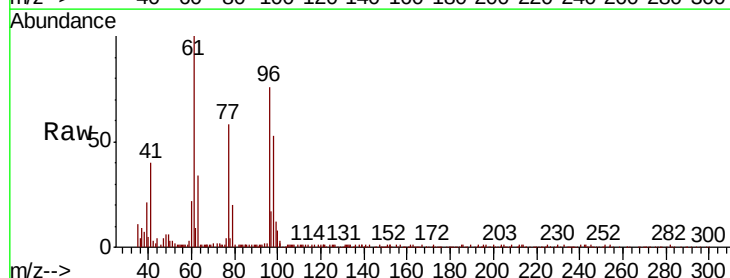
Tgt Ion: 96 Resp: 46583

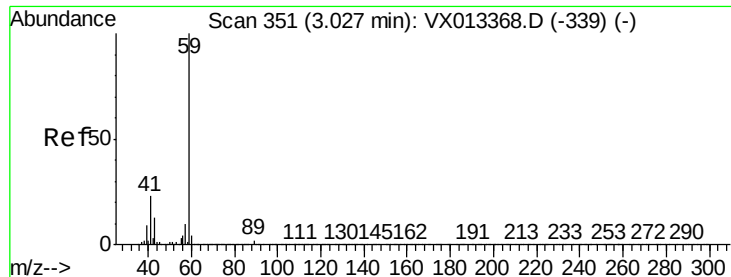
Ion Ratio Lower Upper

96 100

61 150.3 117.0 175.6

98 67.1 51.1 76.7



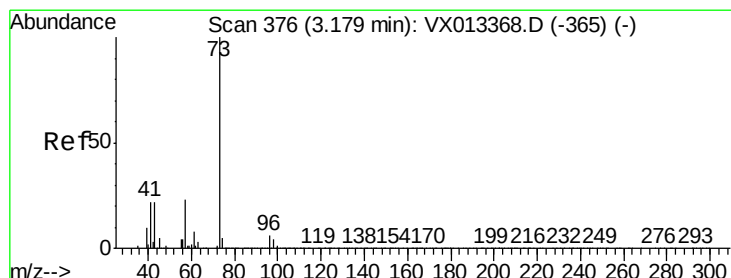
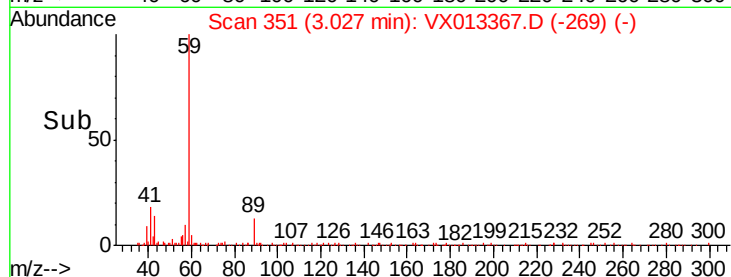
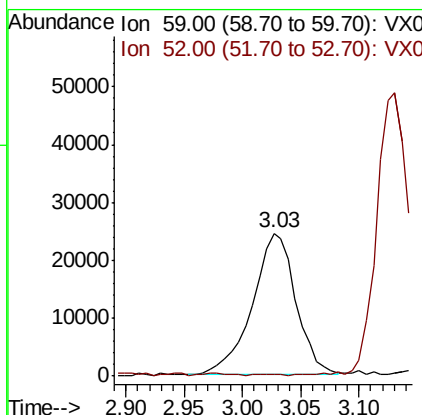
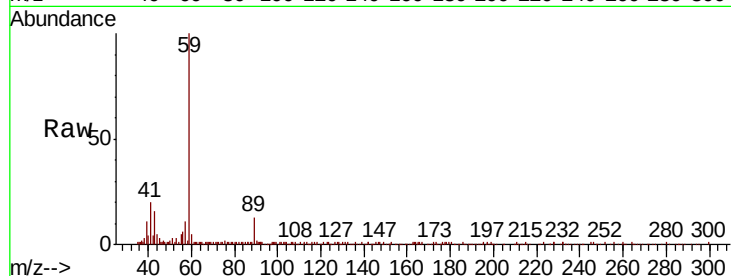


#23

tert-Butyl Alcohol
Concen: 29.004 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

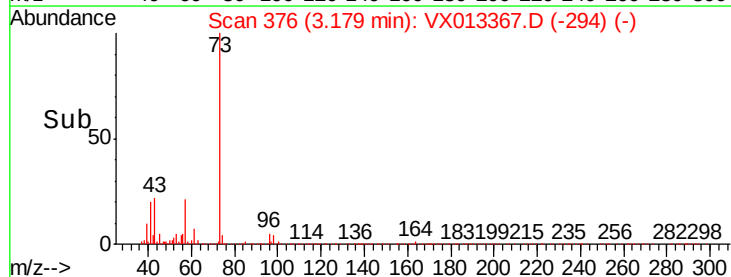
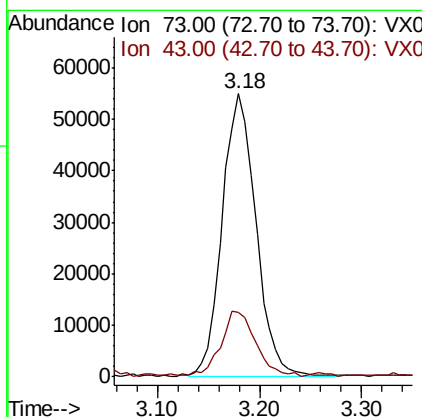
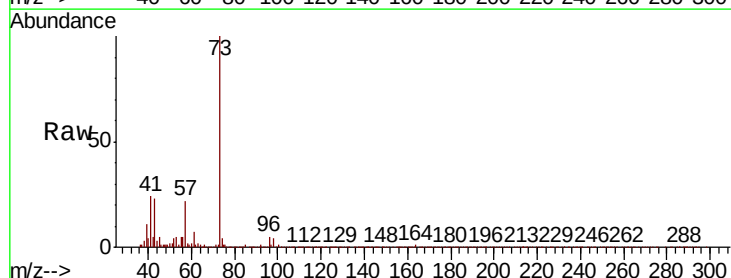
Tot Ion: 59 Resp: 63856
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1#

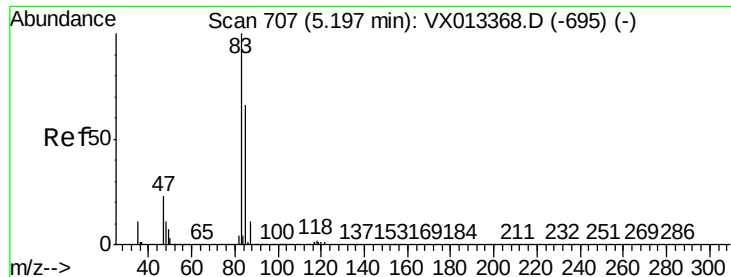


#24

Methyl tert-Butyl Ether
Concen: 4.746 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion: 73 Resp: 125543
Ion Ratio Lower Upper
73 100
43 22.6 17.0 25.6

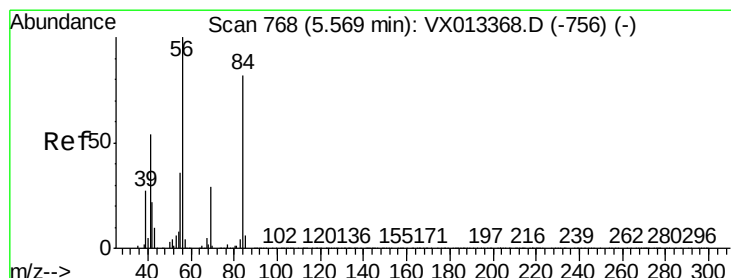
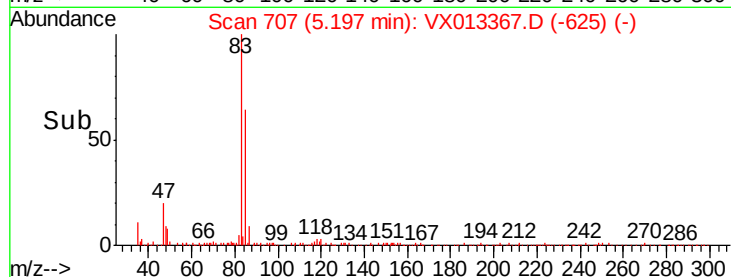
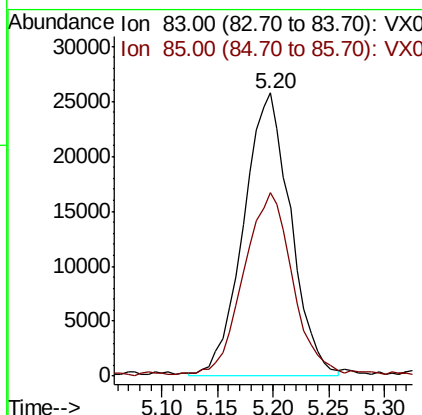
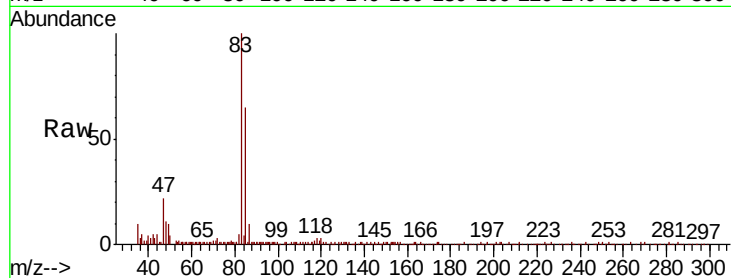




#25
Chloroform
Concen: 5.021 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

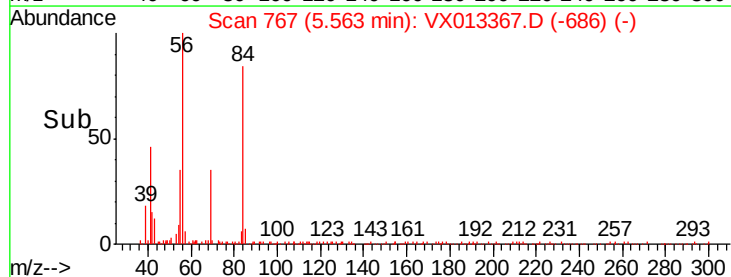
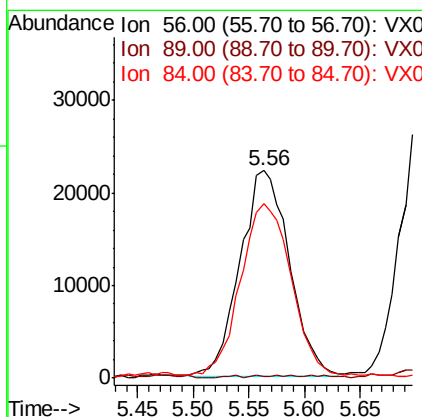
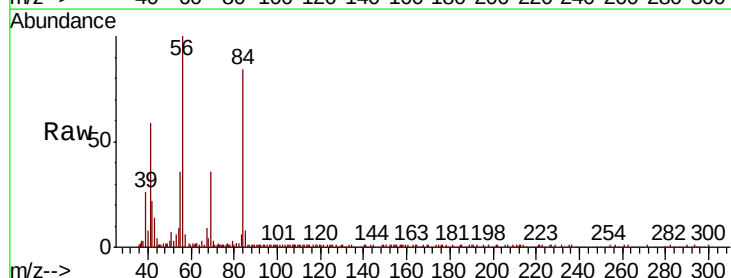
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

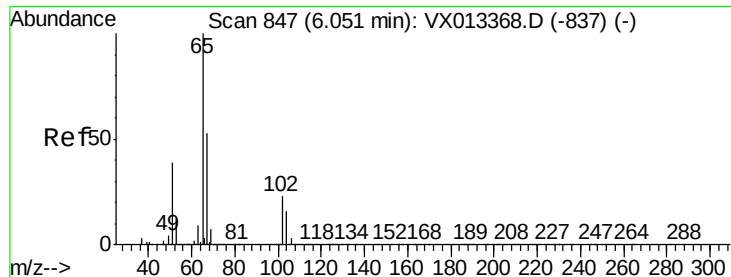
Tot Ion: 83 Resp: 75415
Ion Ratio Lower Upper
83 100
85 64.4 52.4 78.6



#26
Cyclohexane
Concen: 5.365 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion: 56 Resp: 68629
Ion Ratio Lower Upper
56 100
89 0.3 0.0 0.0#
84 86.6 70.5 105.7

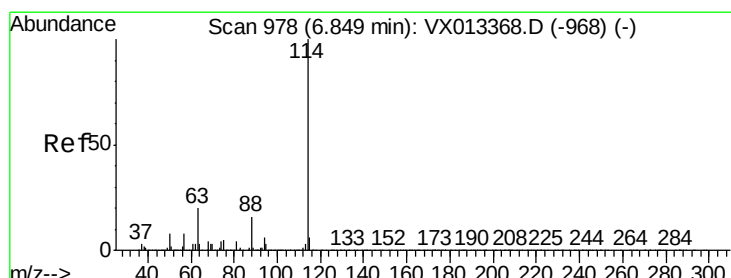
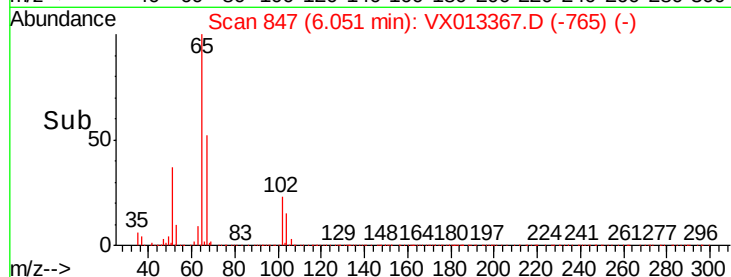
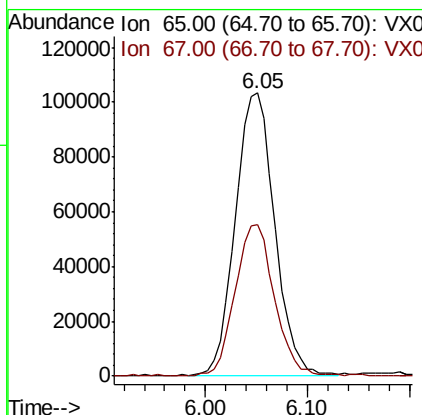
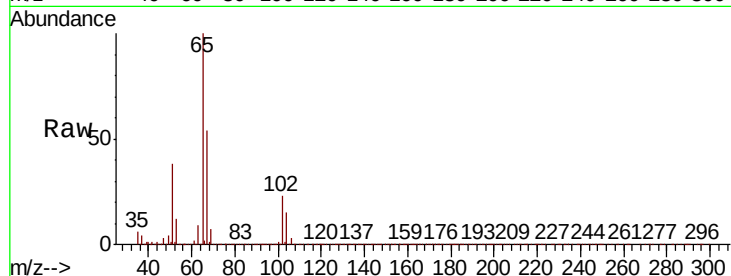




#27
 1,2-Dichloroethane-d4
 Concen: 28.075 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

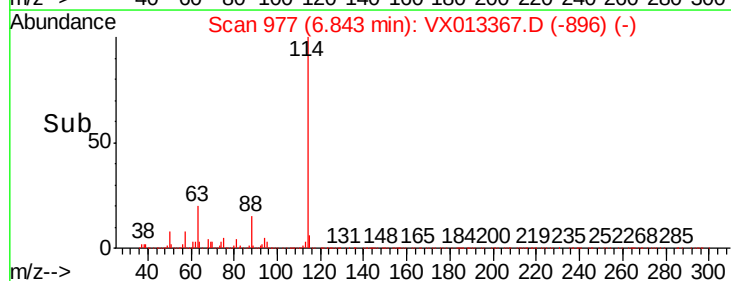
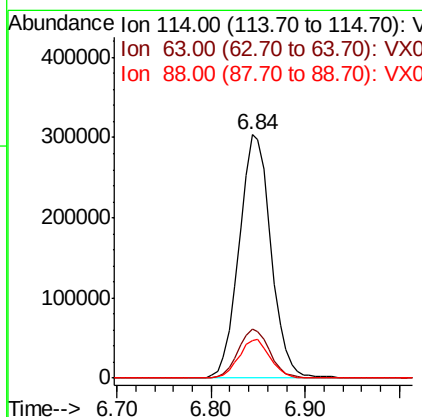
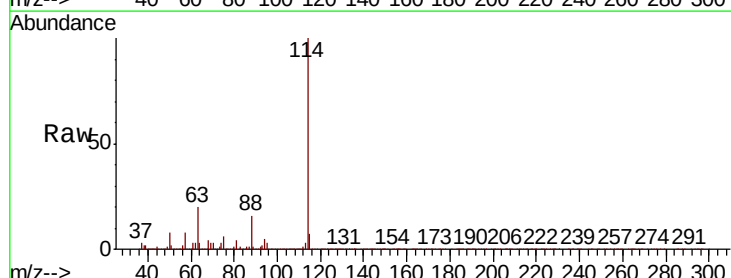
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

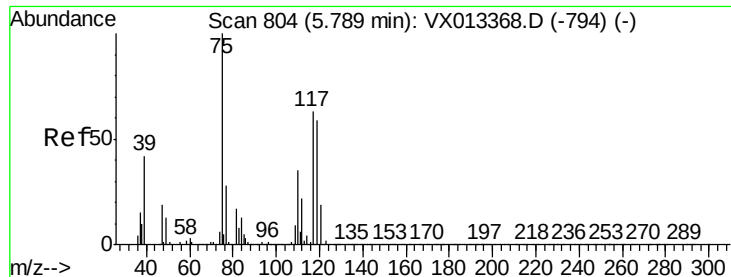
Tot Ion: 65 Resp: 275580
 Ion Ratio Lower Upper
 65 100
 67 53.0 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion: 114 Resp: 714641
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.1 24.1
 88 15.6 12.3 18.5





#29

1,1-Dichloropropene

Concen: 5.100 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

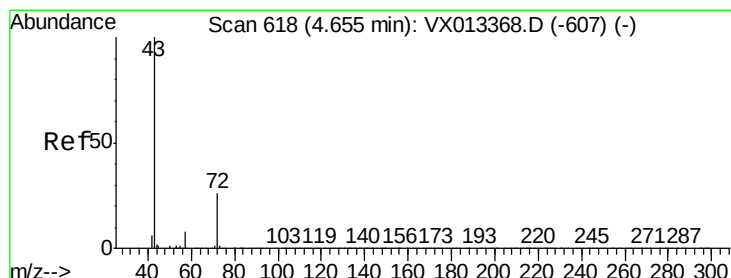
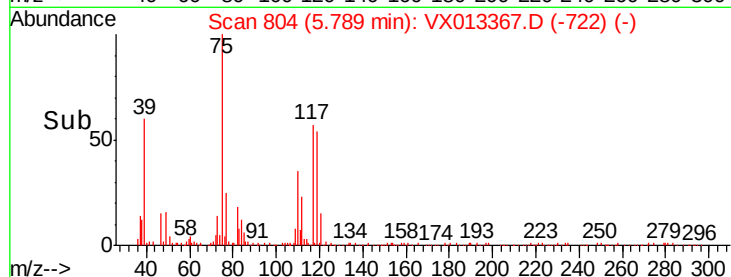
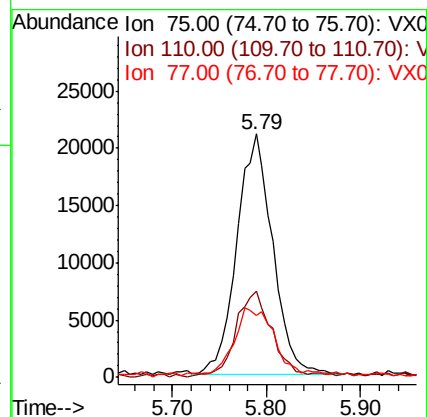
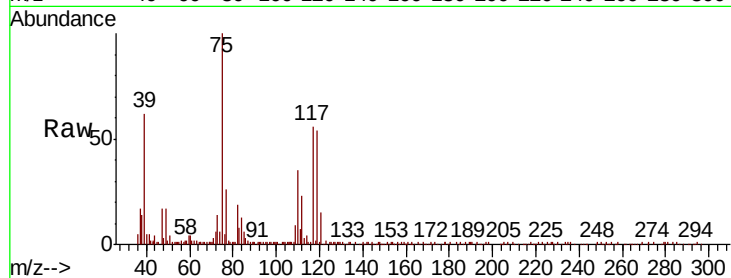
Tot Ion: 75 Resp: 55526

Ion Ratio Lower Upper

75 100

110 36.3 0.0 74.6

77 17.3 0.0 62.6



#30

2-Butanone

Concen: 29.180 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

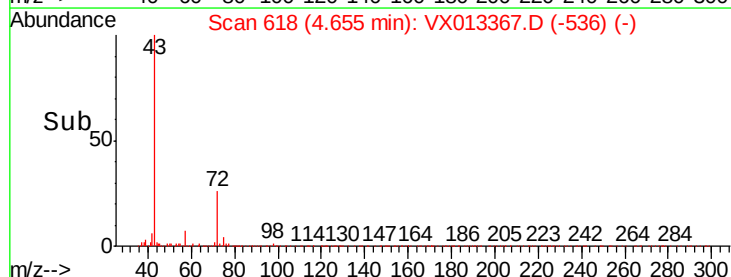
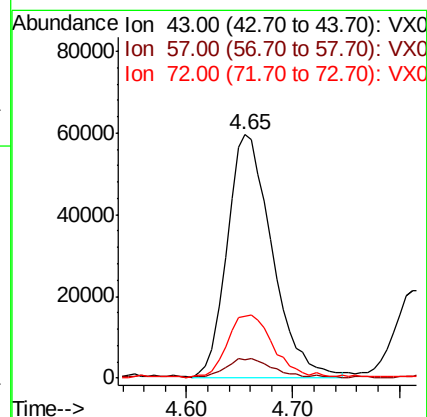
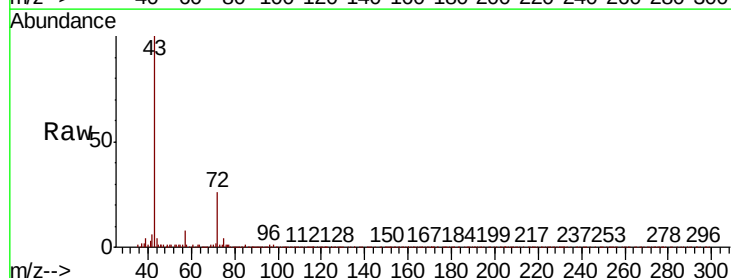
Tgt Ion: 43 Resp: 176755

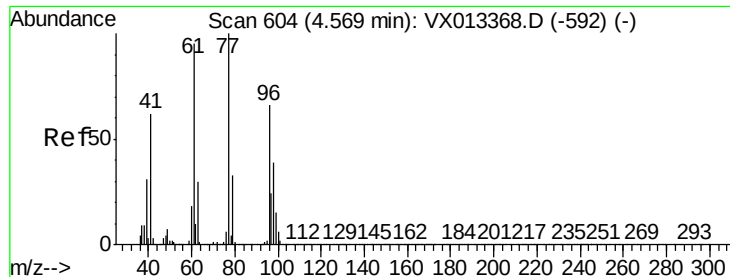
Ion Ratio Lower Upper

43 100

57 7.9 6.1 9.1

72 25.4 20.5 30.7

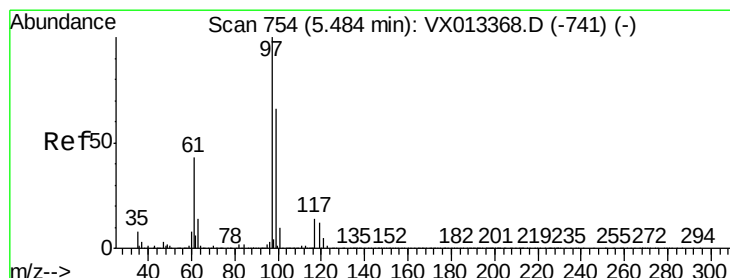
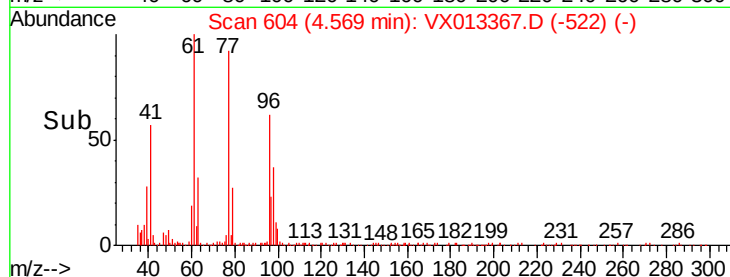
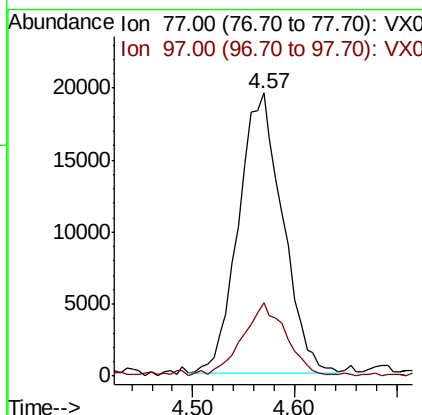
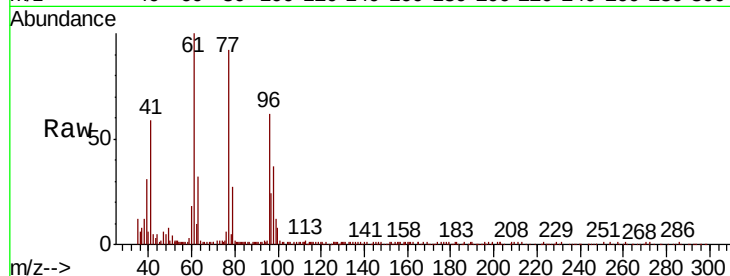




#31
 2,2-Dichloropropane
 Concen: 4.683 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

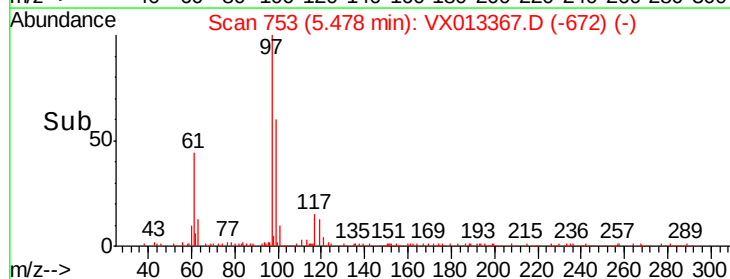
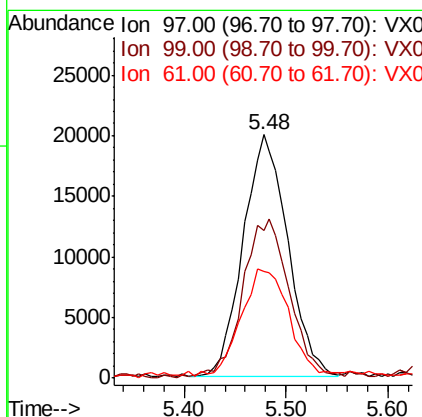
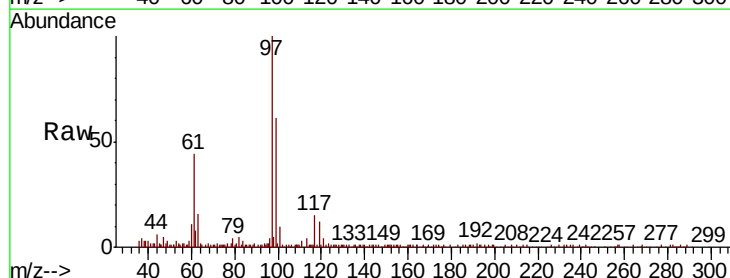
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

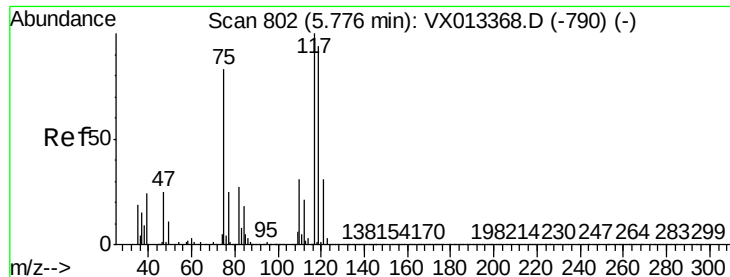
Tot Ion: 77 Resp: 58821
 Ion Ratio Lower Upper
 77 100
 97 23.7 19.2 28.8



#32
 1,1,1-Trichloroethane
 Concen: 4.618 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion: 97 Resp: 60380
 Ion Ratio Lower Upper
 97 100
 99 67.3 52.5 78.7
 61 46.7 36.1 54.1





#33

Carbon Tetrachloride

Concen: 4.550 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

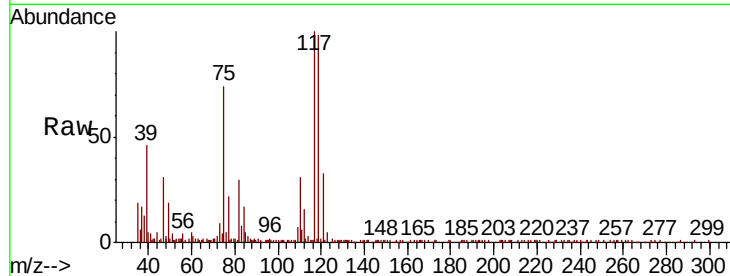
Tot Ion:117 Resp: 51352

Ion Ratio Lower Upper

117 100

119 98.6 75.0 112.6

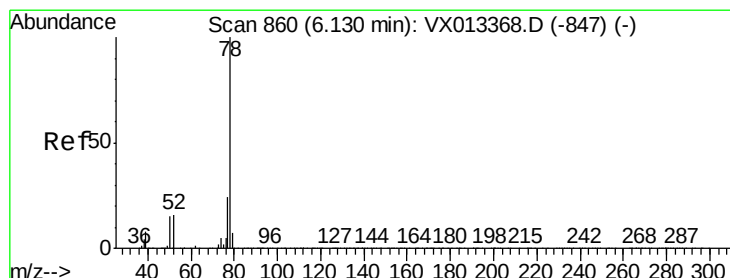
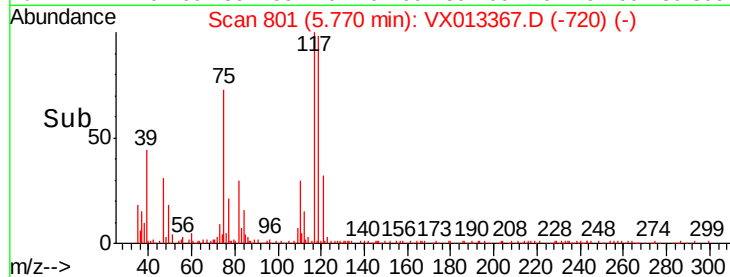
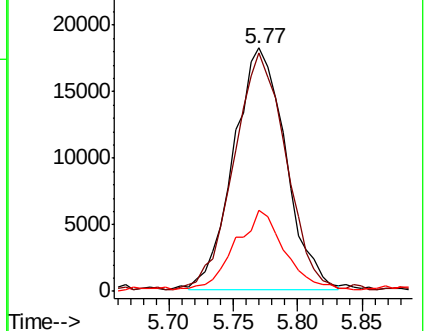
121 32.3 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 5.266 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

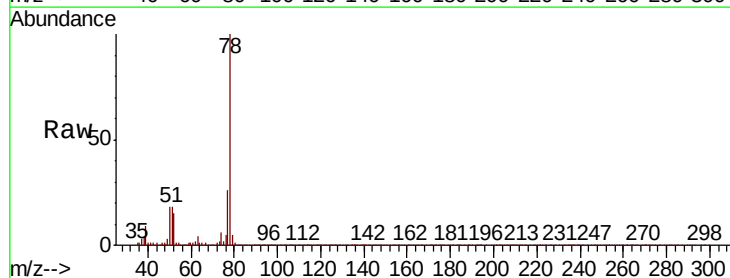
Tgt Ion: 78 Resp: 167625

Ion Ratio Lower Upper

78 100

77 25.3 19.3 28.9

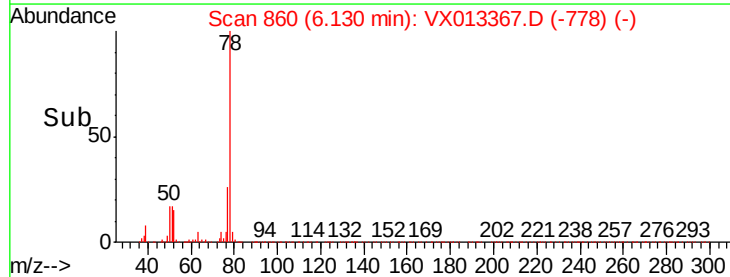
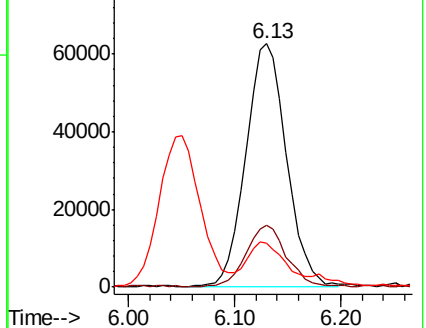
51 15.3 12.2 18.4

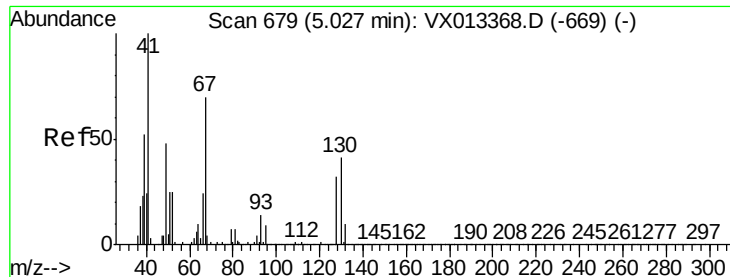


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

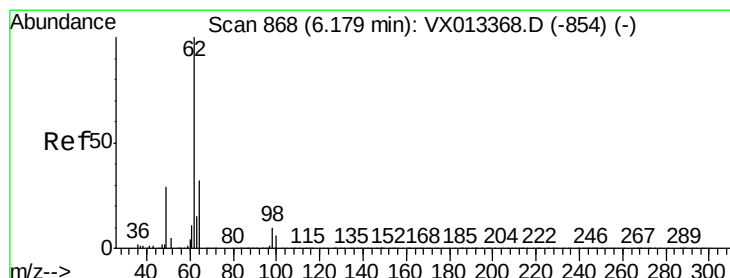
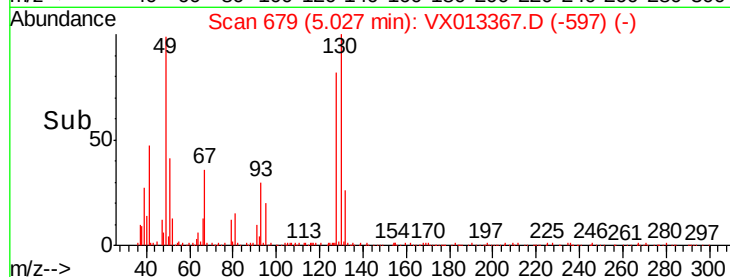
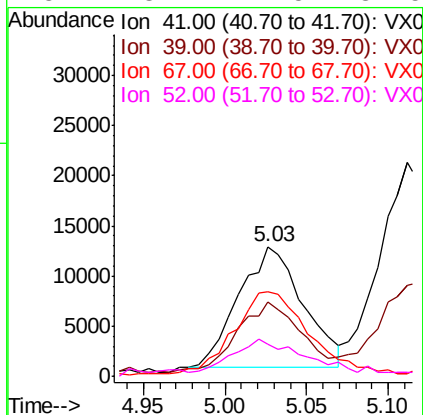
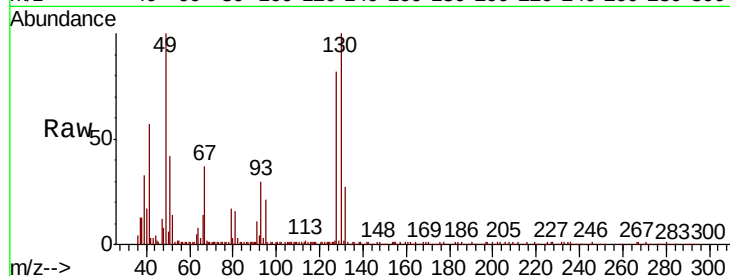




#35
Methacrylonitrile
Concen: 5.342 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

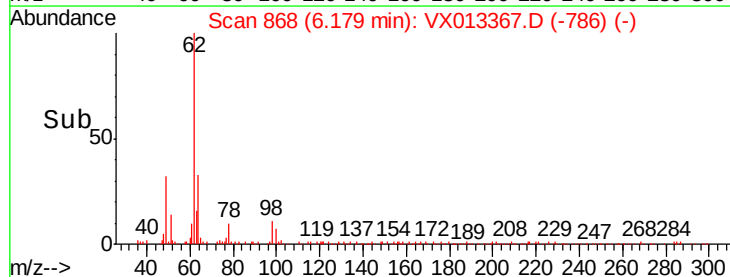
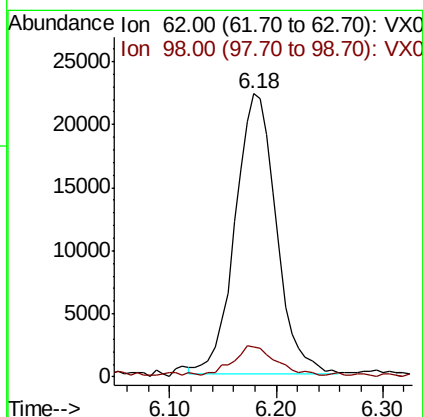
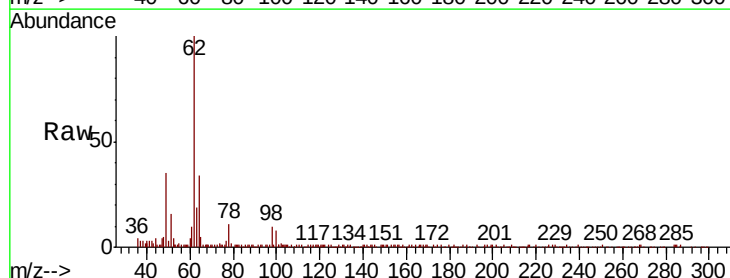
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

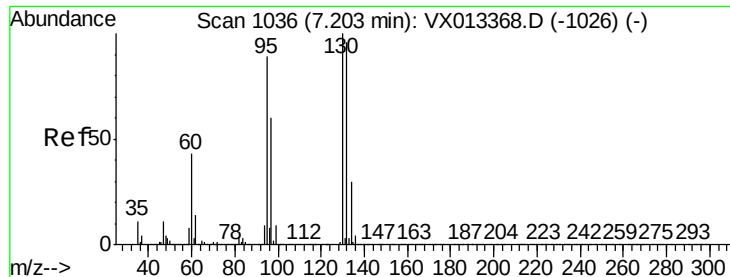
Tot Ion:	41	Resp:	32964
Ion	Ratio	Lower	Upper
41	100		
39	55.2	25.9	77.8
67	63.9	35.1	105.5
52	23.2	12.5	37.5



#36
1,2-Dichloroethane
Concen: 5.057 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion:	62	Resp:	60002
Ion	Ratio	Lower	Upper
62	100		
98	10.5	8.2	12.2





#37

Trichloroethene

Concen: 5.067 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

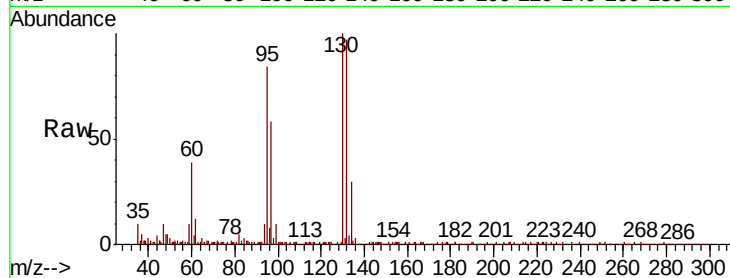
VSTDIC005

Tot Ion:130 Resp: 44382

Ion Ratio Lower Upper

130 100

95 85.0 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

25000

20000

15000

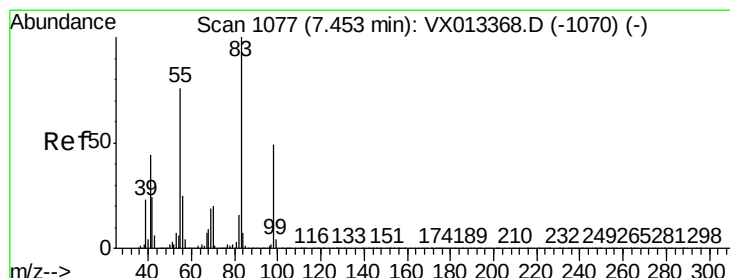
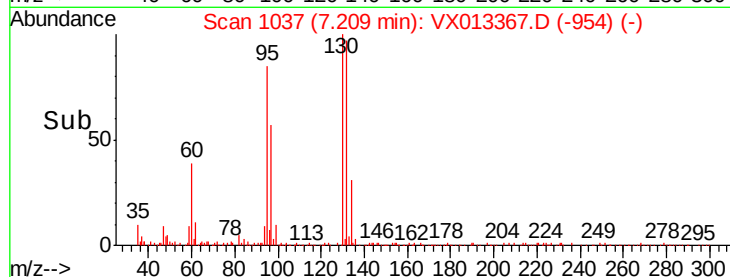
10000

5000

0

7.15 7.20 7.25

Time-->



#38

Methylcyclohexane

Concen: 5.055 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

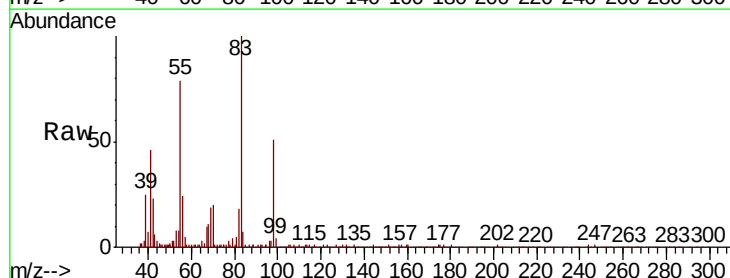
Tgt Ion: 83 Resp: 67850

Ion Ratio Lower Upper

83 100

55 77.7 37.9 113.7

98 51.7 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

40000

30000

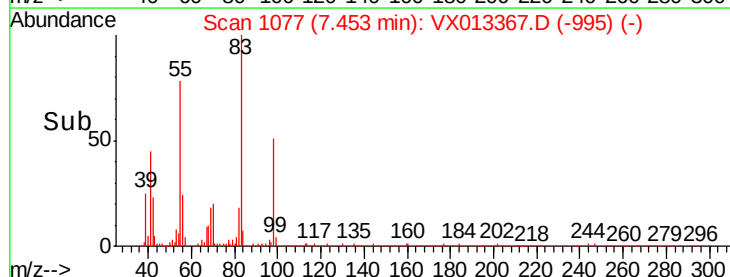
20000

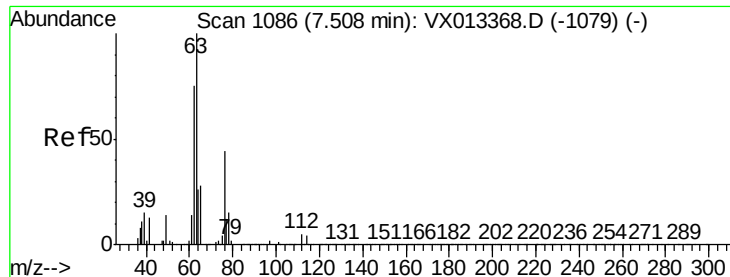
10000

0

7.40 7.45 7.50

Time-->





#39

1,2-Dichloropropane

Concen: 5.527 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

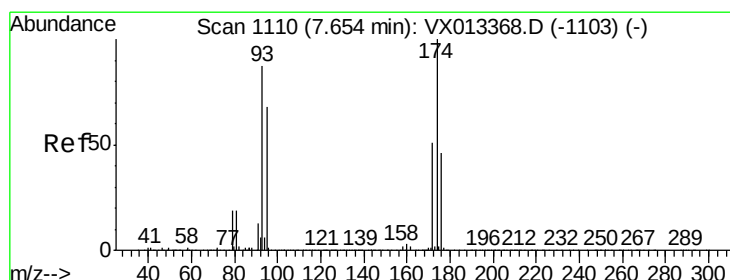
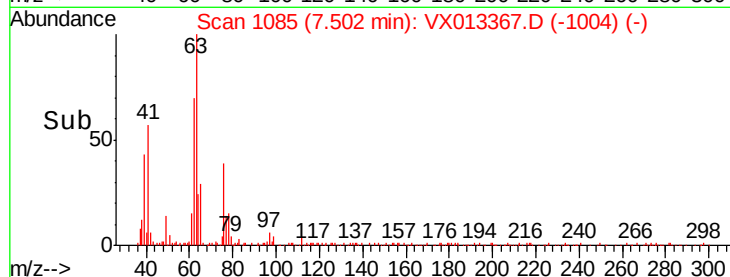
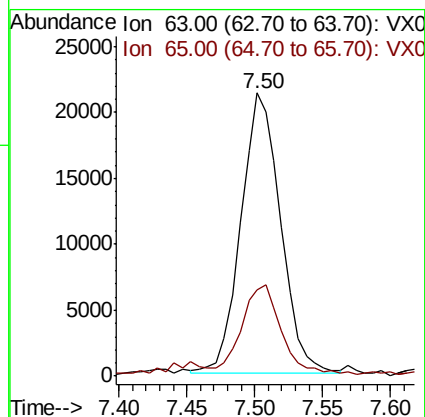
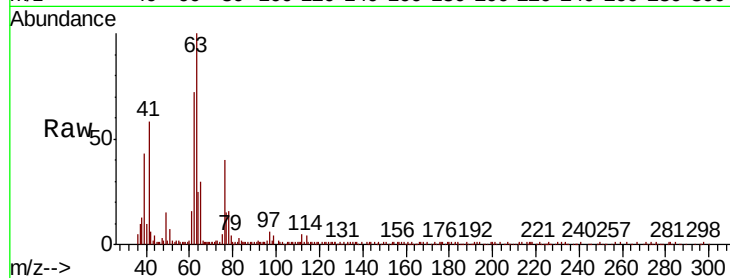
VSTDIC005

Tot Ion: 63 Resp: 43574

Ion Ratio Lower Upper

63 100

65 29.6 23.8 35.8



#40

Dibromomethane

Concen: 5.357 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

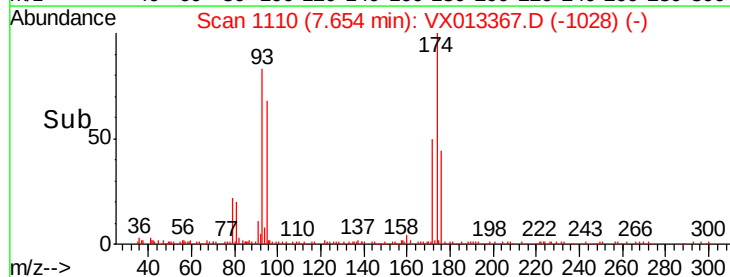
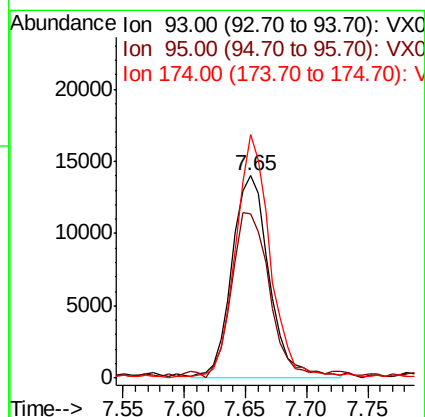
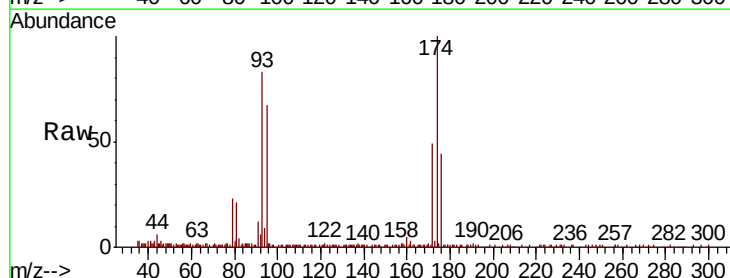
Tgt Ion: 93 Resp: 29769

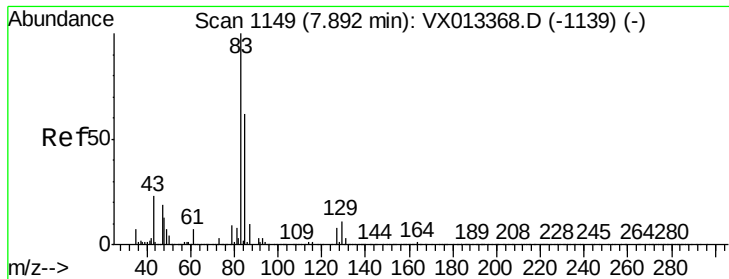
Ion Ratio Lower Upper

93 100

95 82.7 0.0 160.8

174 110.1 0.0 228.8





#41

Bromodichloromethane

Concen: 4.771 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

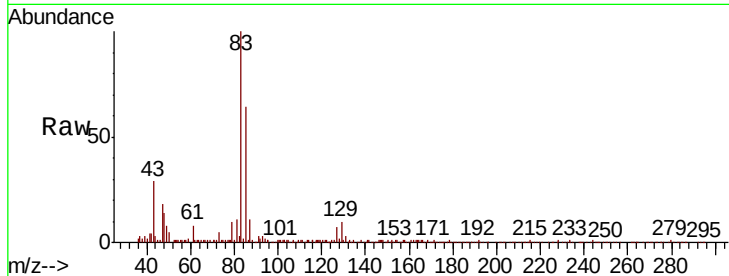
Tot Ion: 83 Resp: 53336

Ion Ratio Lower Upper

83 100

85 63.0 49.3 73.9

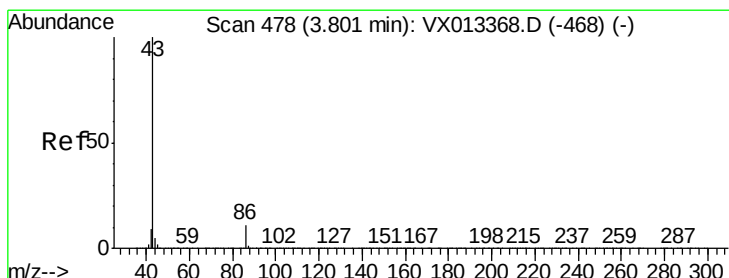
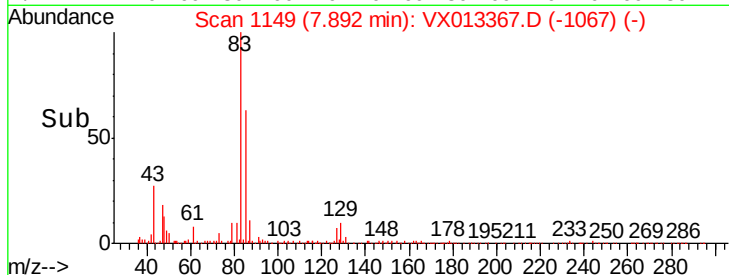
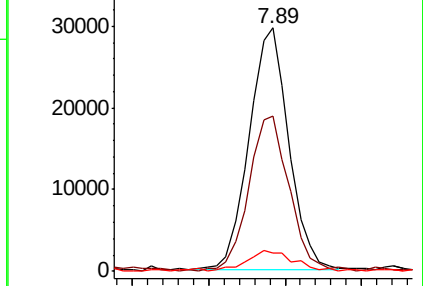
127 7.1 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 28.461 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013367.D

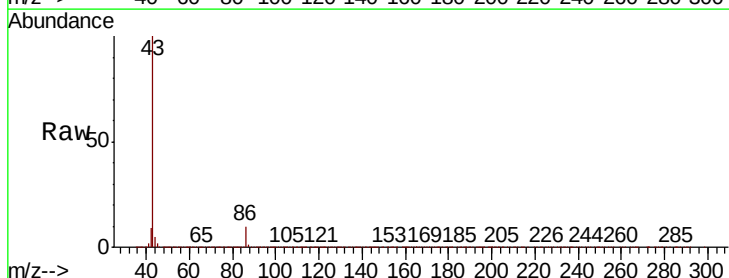
Acq: 11 Nov 2019 16:29

Tgt Ion: 43 Resp: 581751

Ion Ratio Lower Upper

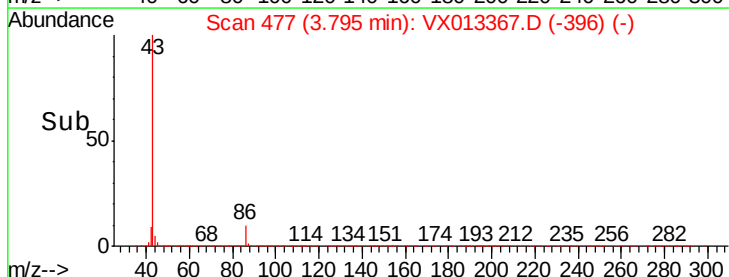
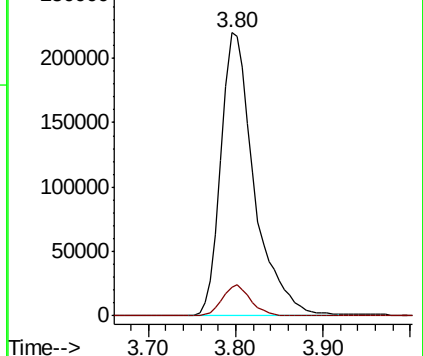
43 100

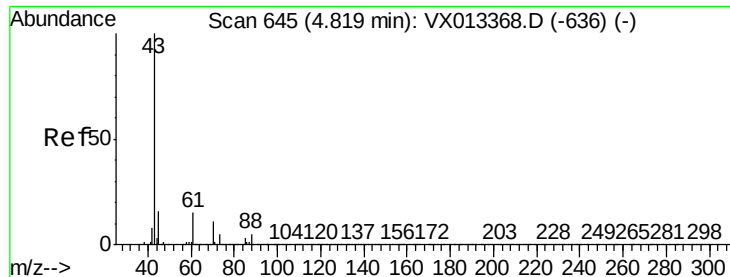
86 9.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

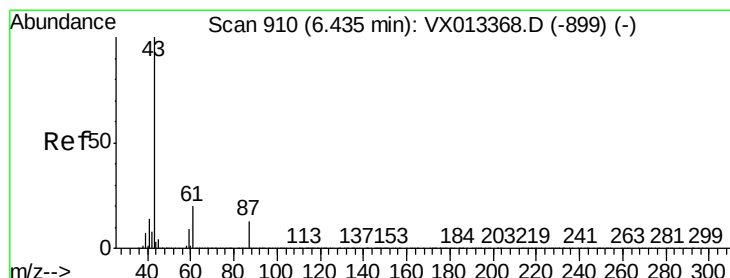
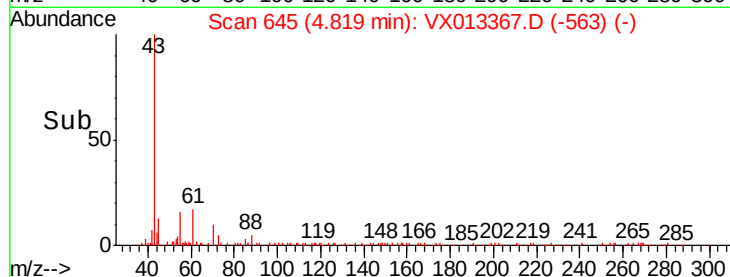
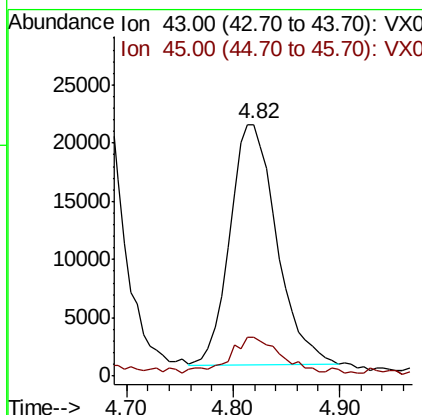
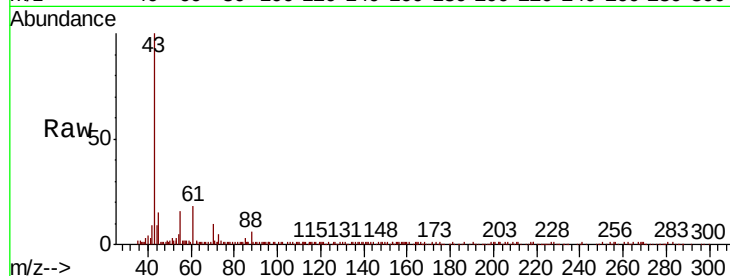




#43
Ethyl Acetate
Concen: 5.738 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

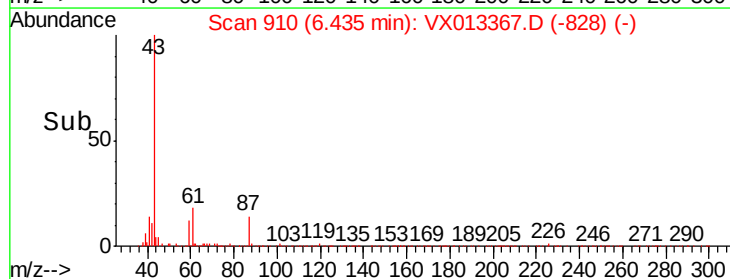
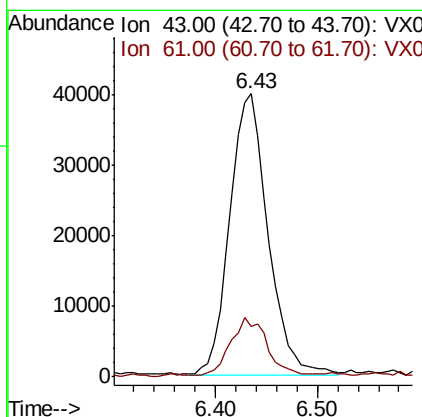
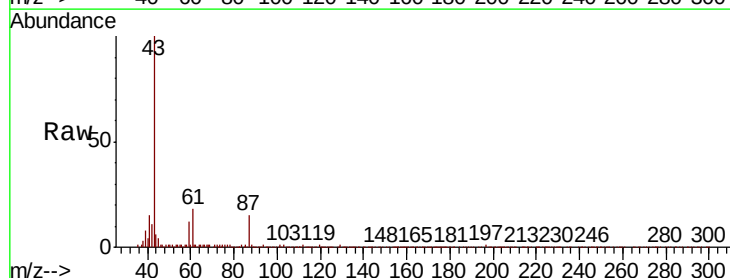
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

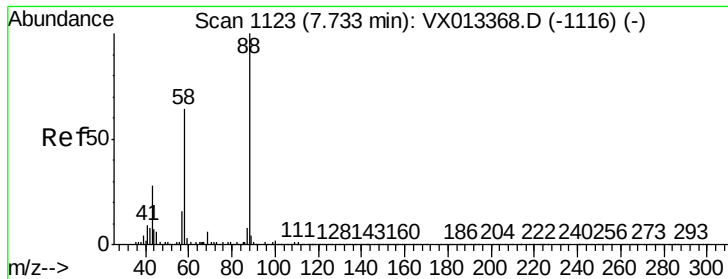
Tot Ion: 43 Resp: 63593
Ion Ratio Lower Upper
43 100
45 14.4 10.9 16.3



#44
Isopropyl Acetate
Concen: 5.663 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion: 43 Resp: 103127
Ion Ratio Lower Upper
43 100
61 18.9 15.8 23.8





#45

1,4-Dioxane

Concen: 101.858 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

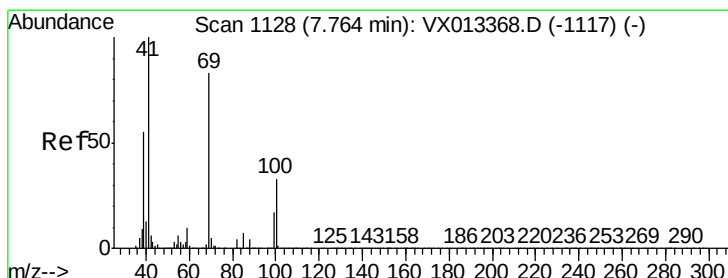
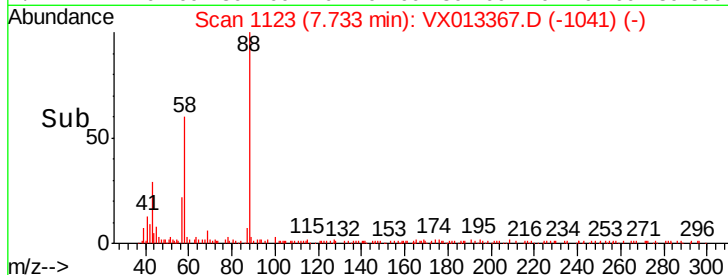
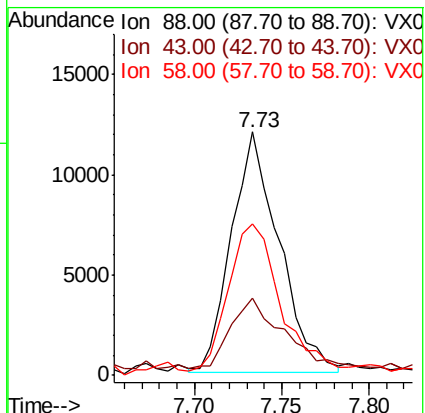
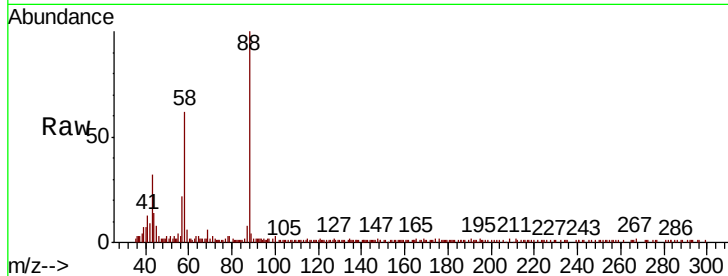
Tot Ion: 88 Resp: 22683

Ion Ratio Lower Upper

88 100

43 30.7 26.1 39.1

58 68.2 55.8 83.8



#46

Methyl methacrylate

Concen: 5.597 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

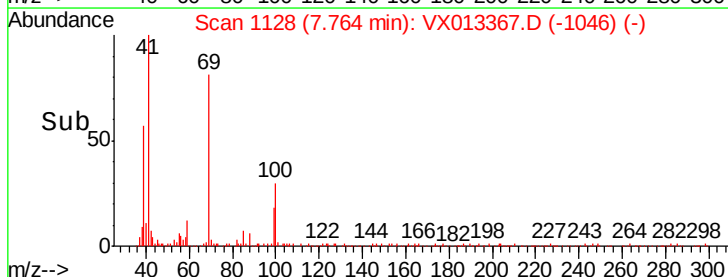
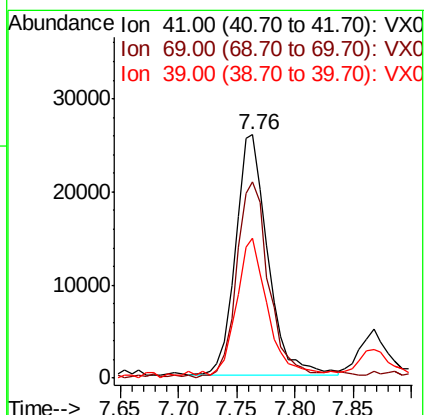
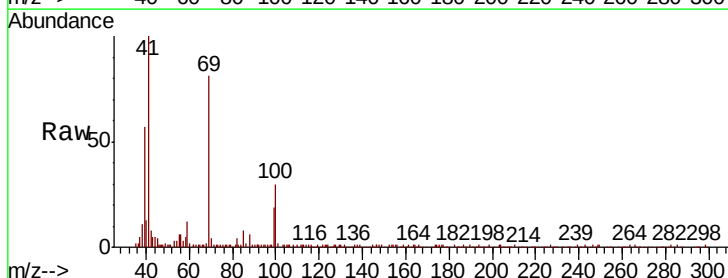
Tgt Ion: 41 Resp: 50178

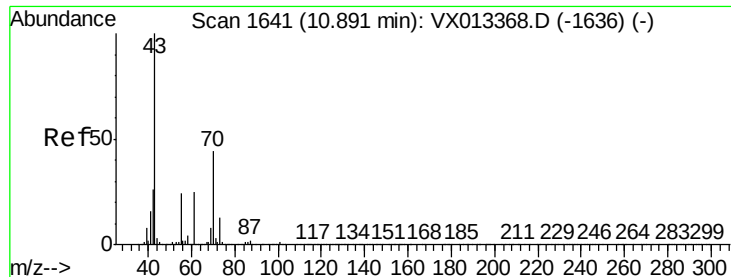
Ion Ratio Lower Upper

41 100

69 80.5 41.4 124.4

39 55.7 27.9 83.6

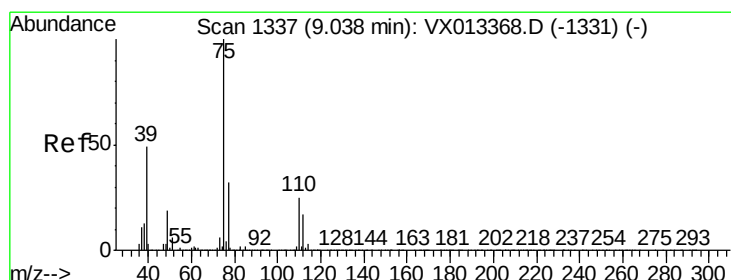
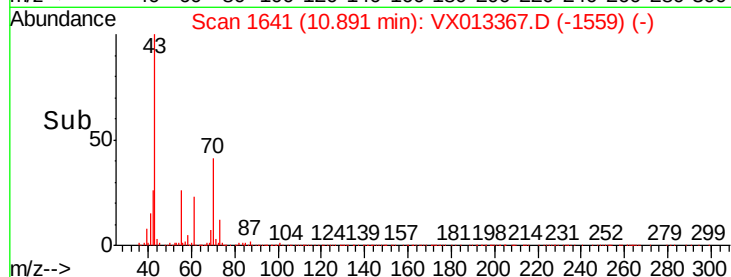
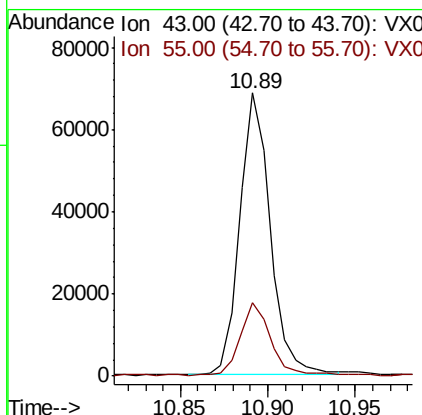
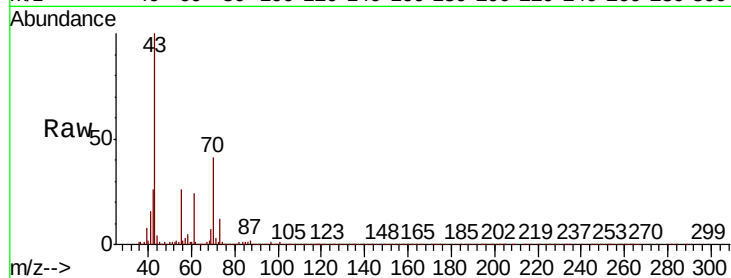




#47
n-amvl Acetate
Concen: 5.342 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

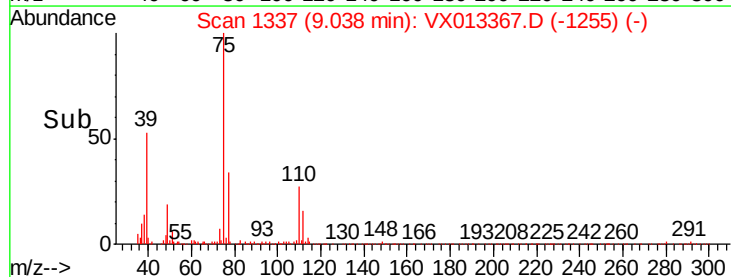
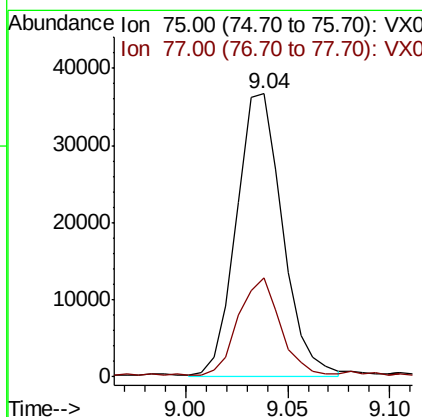
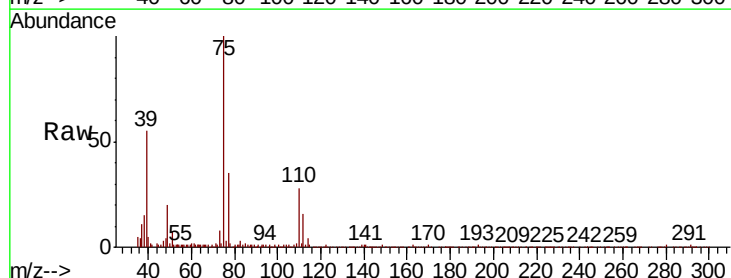
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

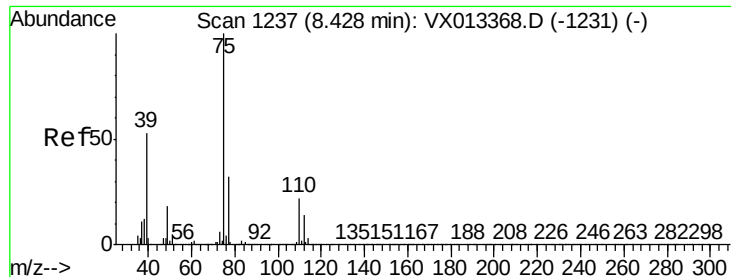
Tot Ion: 43 Resp: 83196
Ion Ratio Lower Upper
43 100
55 24.8 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 4.684 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion: 75 Resp: 57523
Ion Ratio Lower Upper
75 100
77 34.6 25.3 37.9



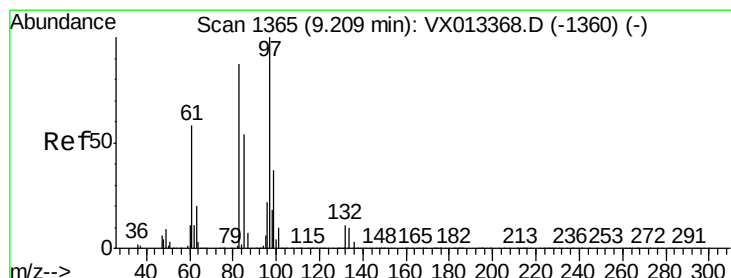
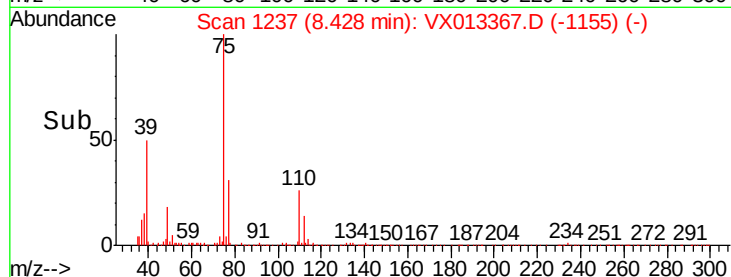
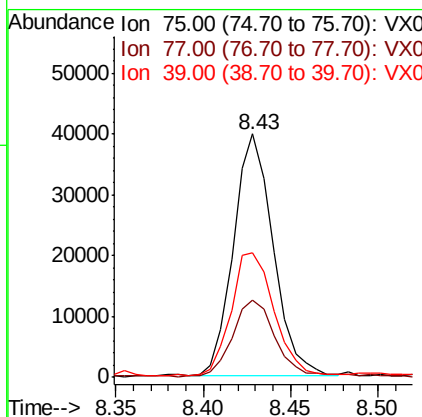
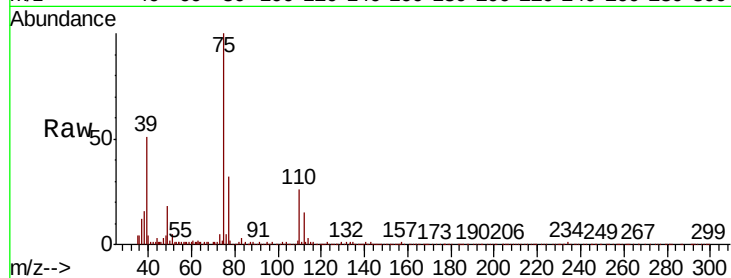


#49

cis-1,3-Dichloropropene
Concen: 4.713 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

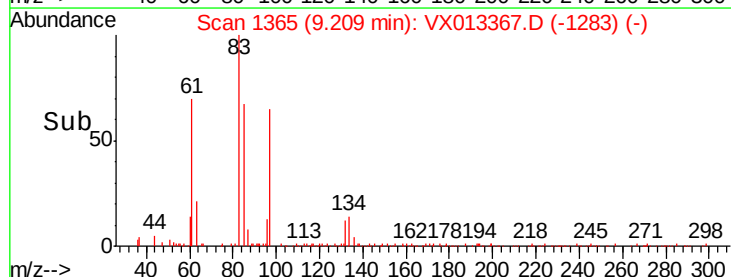
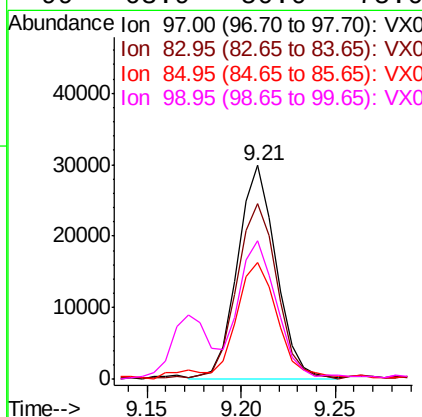
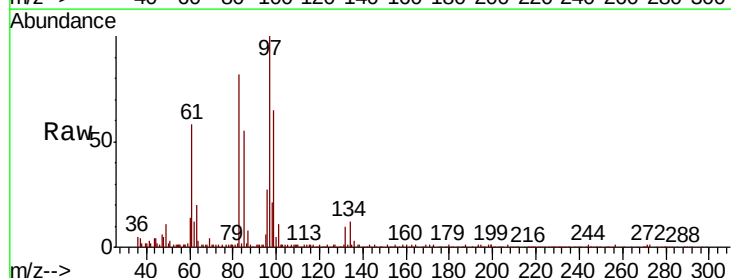
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.8
39	50.5	42.2	63.4

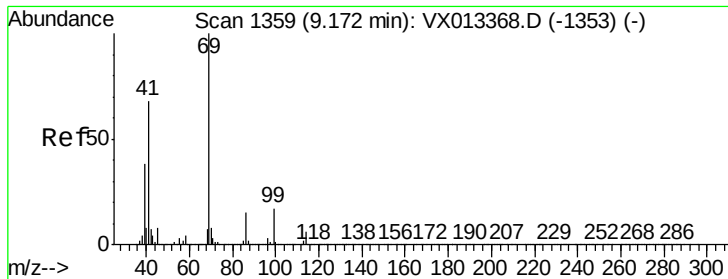


#50

1,1,2-Trichloroethane
Concen: 5.151 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.6	104.4
85	54.2	45.5	68.3
99	63.9	50.0	75.0





#51

Ethyl methacrylate

Concen: 5.054 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

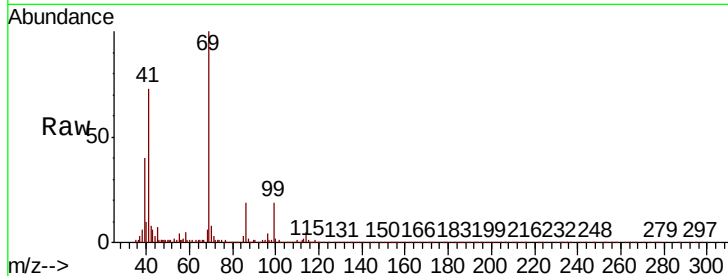
Tot Ion: 69 Resp: 65595

Ion Ratio Lower Upper

69 100

41 71.9 33.9 101.6

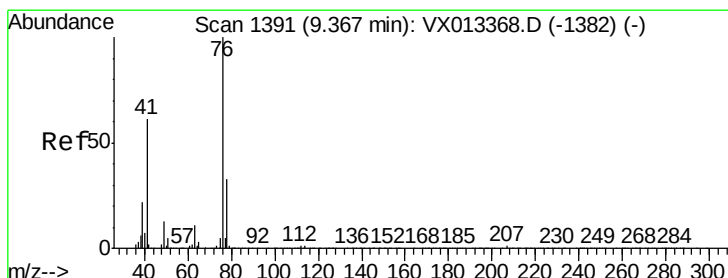
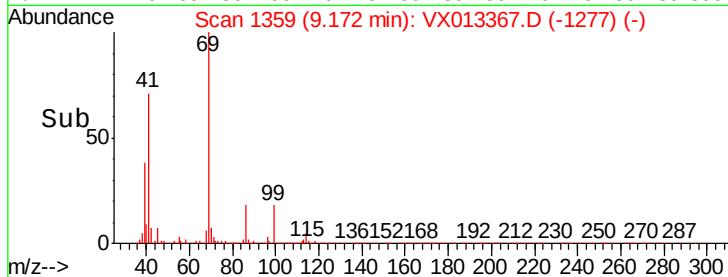
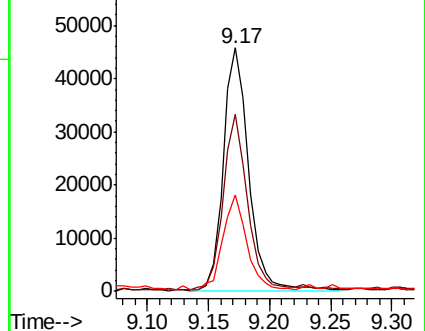
39 38.8 18.8 56.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 5.285 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013367.D

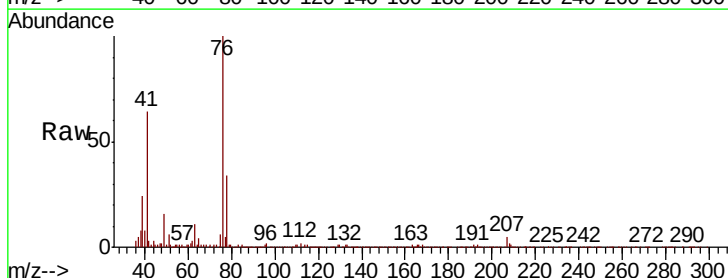
Acq: 11 Nov 2019 16:29

Tgt Ion: 76 Resp: 73413

Ion Ratio Lower Upper

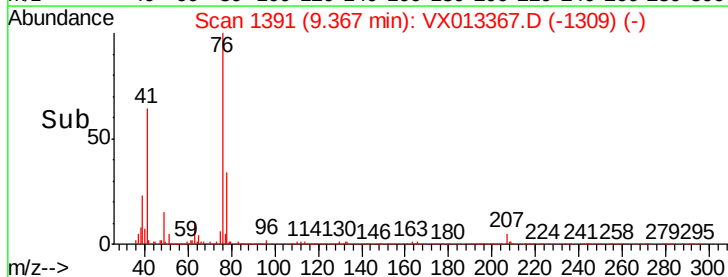
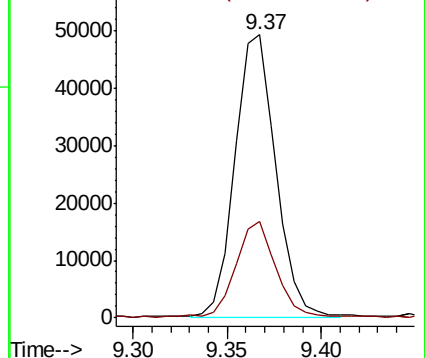
76 100

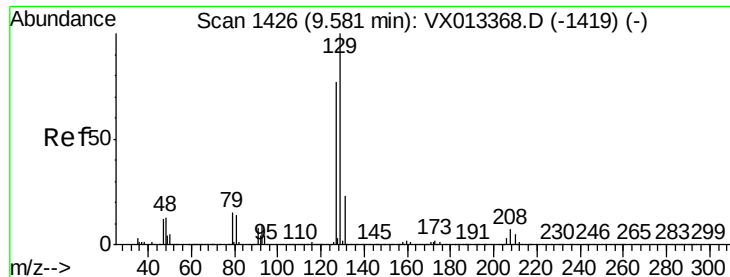
78 32.4 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 4.649 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

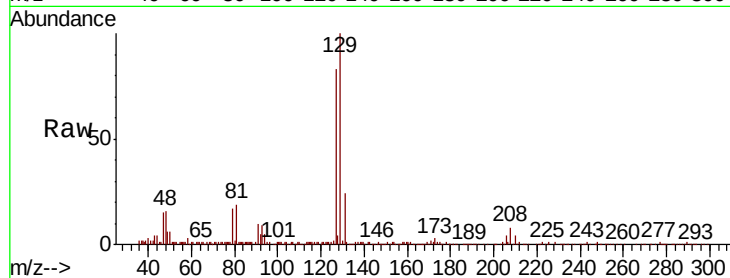
VSTDIC005

Tot Ion:129 Resp: 41125

Ion Ratio Lower Upper

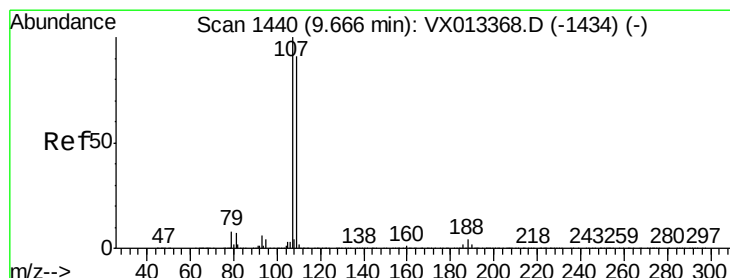
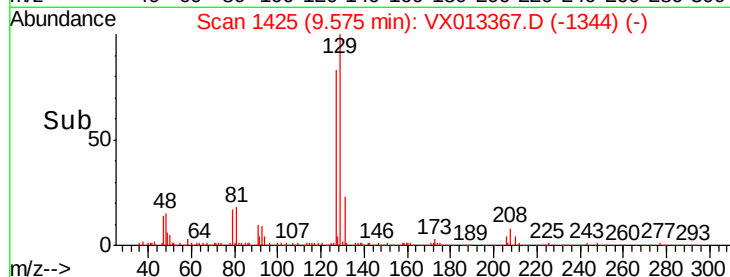
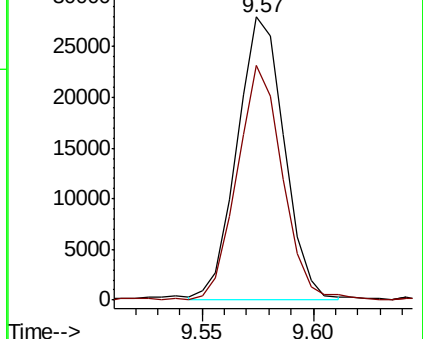
129 100

127 80.0 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 5.123 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013367.D

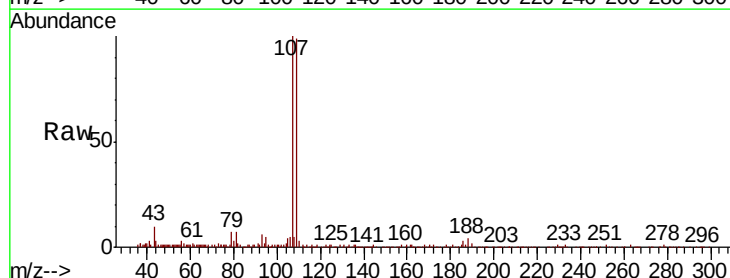
Acq: 11 Nov 2019 16:29

Tgt Ion:107 Resp: 45027

Ion Ratio Lower Upper

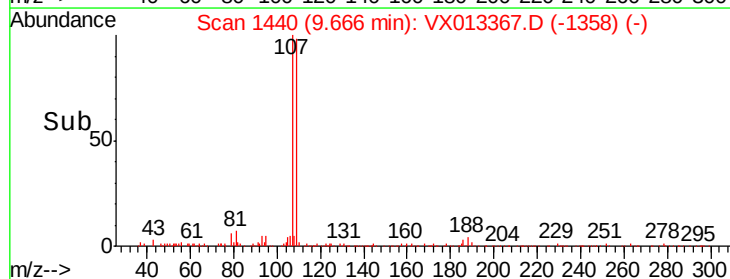
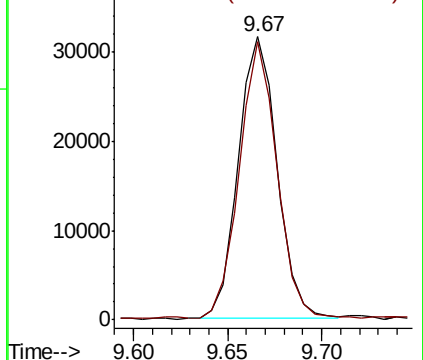
107 100

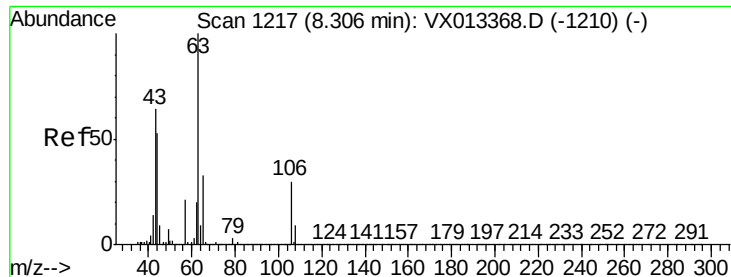
109 96.9 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 29.315 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

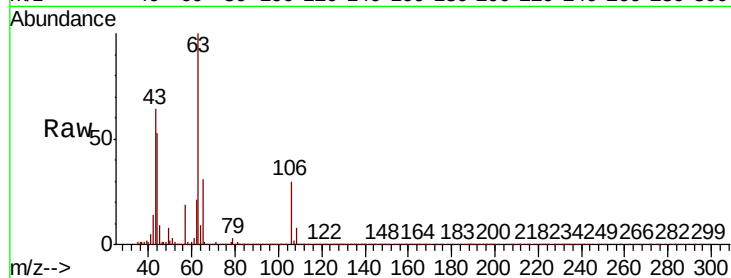
Tot Ion: 63 Resp: 157590

Ion Ratio Lower Upper

63 100

65 31.7 26.0 39.0

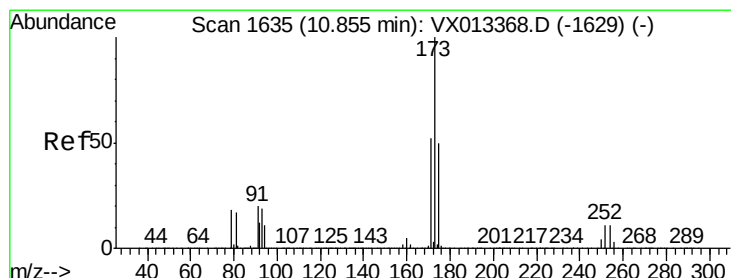
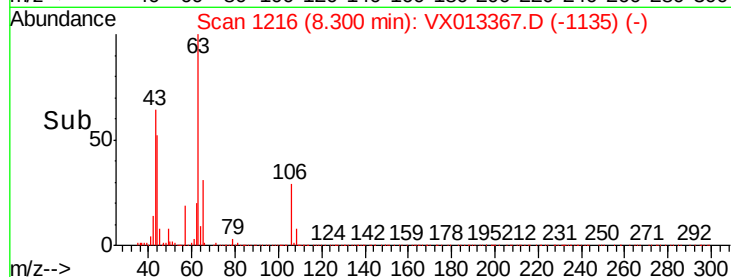
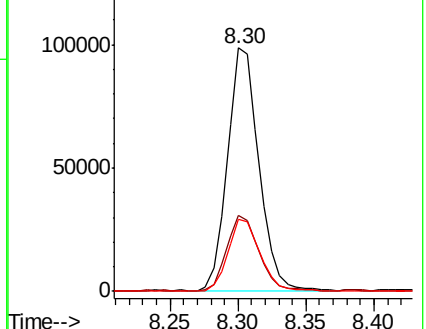
106 29.4 23.5 35.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V



#56

Bromoform

Concen: 4.829 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

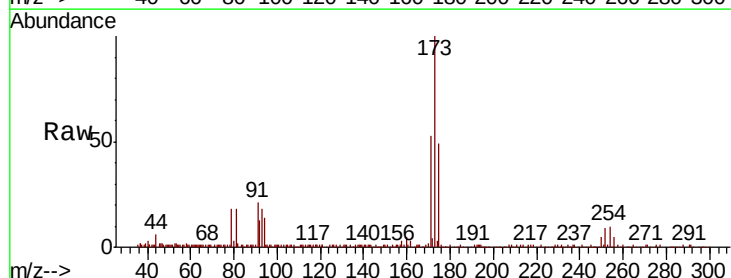
Tgt Ion: 173 Resp: 30972

Ion Ratio Lower Upper

173 100

175 49.7 39.4 59.0

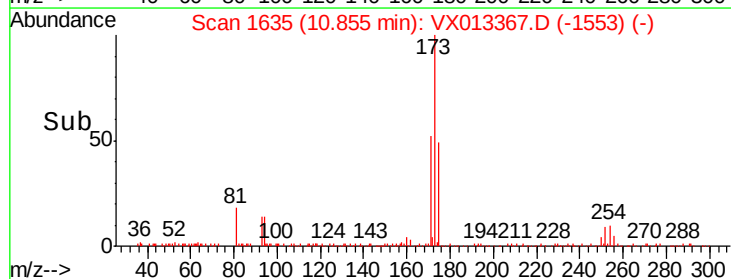
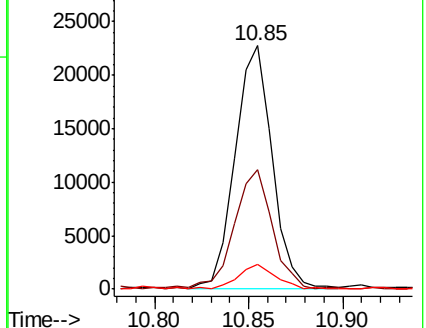
254 10.2 8.6 12.8

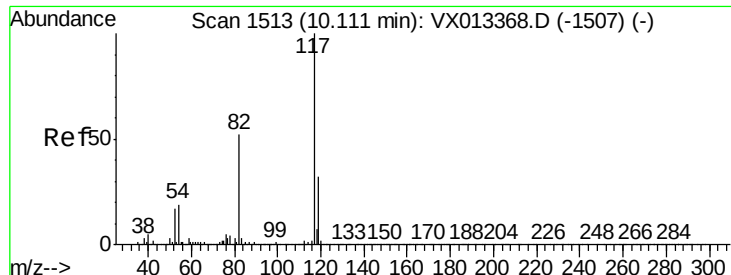


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

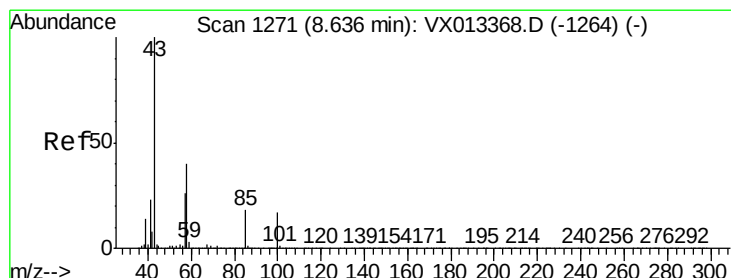
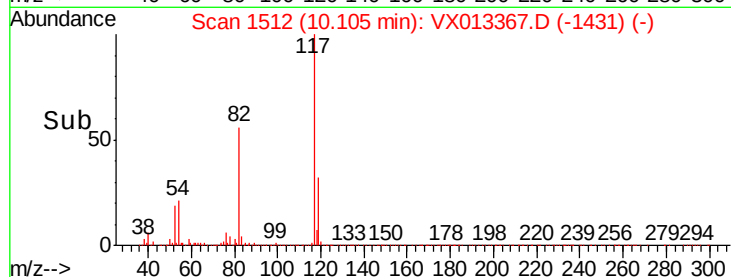
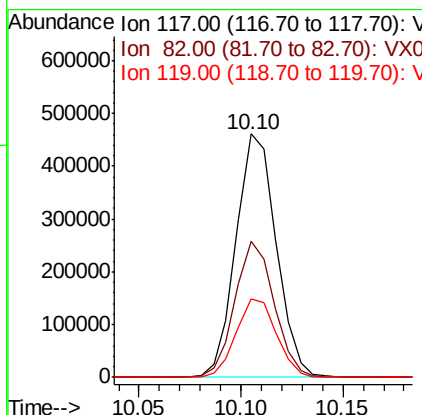
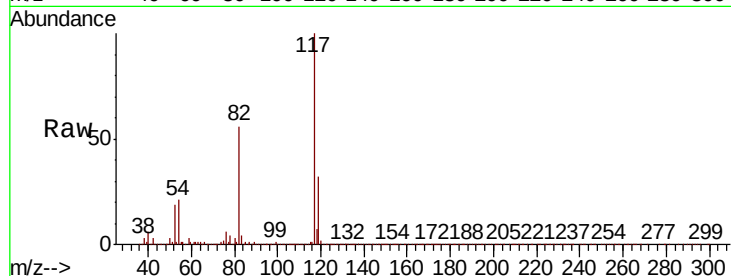




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

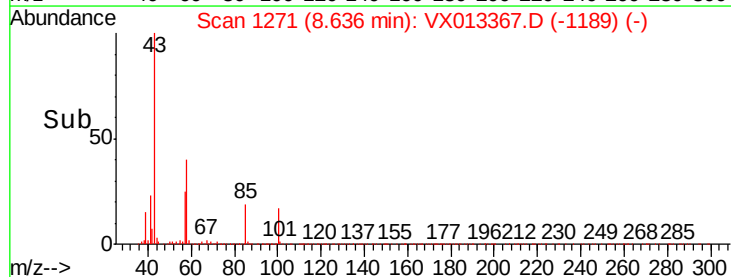
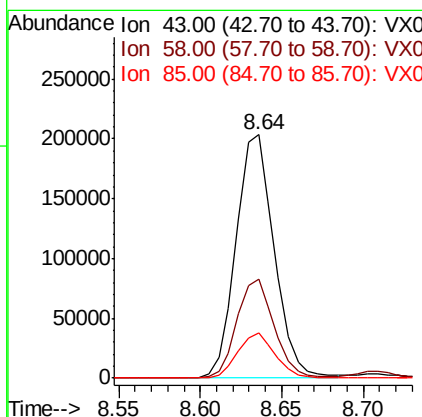
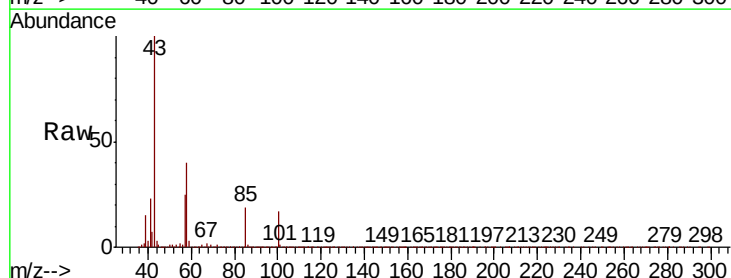
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

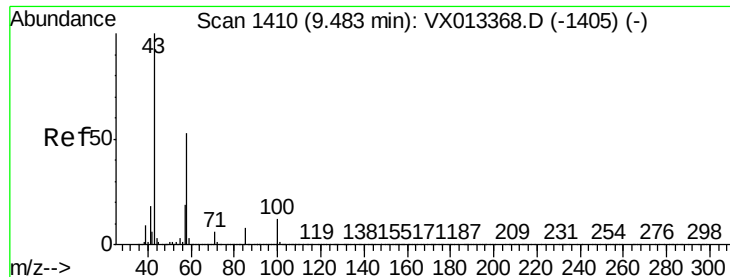
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.7	65.5
119	32.2	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 29.921 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.6	47.4
85	17.7	14.2	21.2

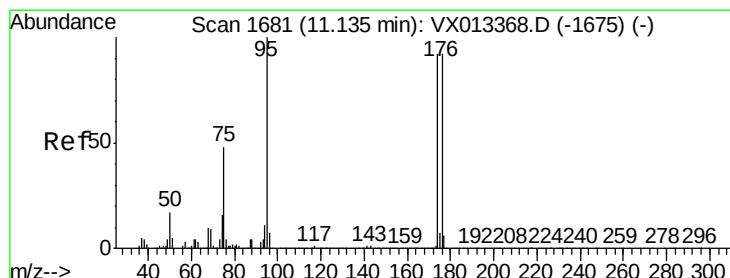
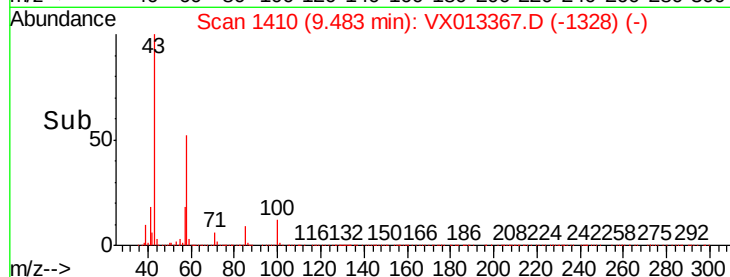
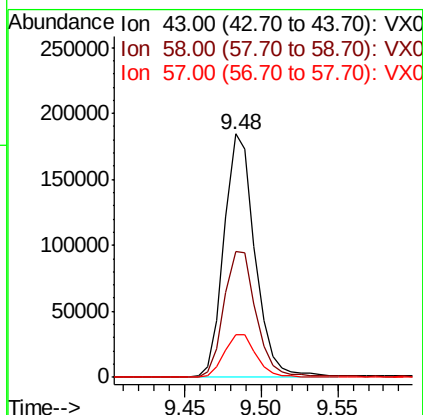
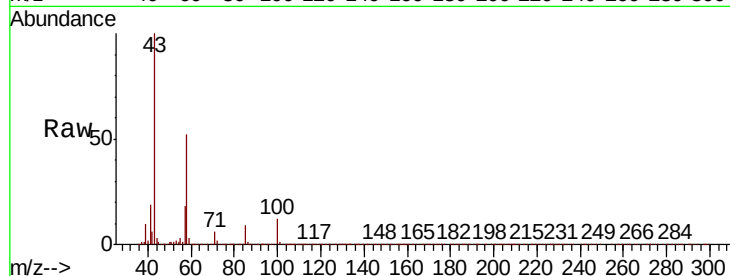




#59
2-Hexanone
Concen: 29.628 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

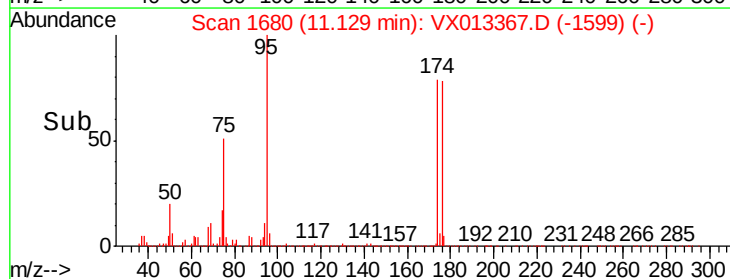
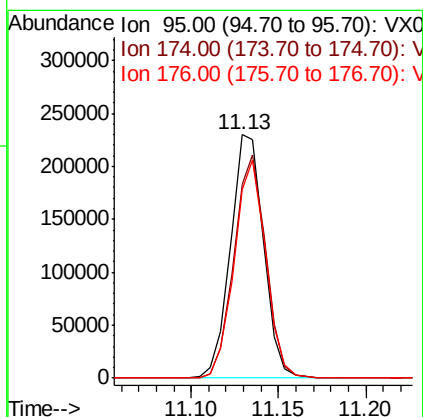
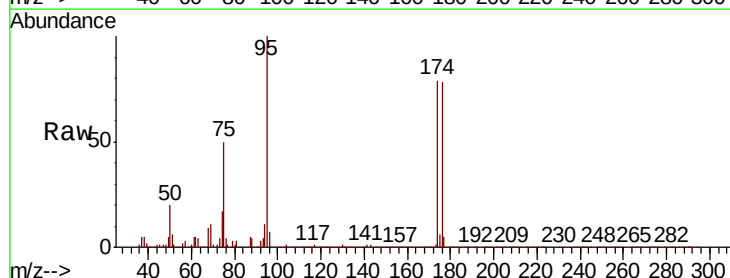
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

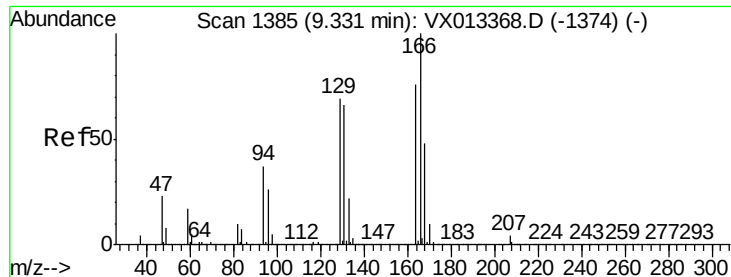
Tot Ion	Ratio	Lower	Upper
43	100		
58	53.9	43.8	65.6
57	18.6	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 27.863 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.5	70.2	105.2
176	86.1	68.3	102.5





#61

Tetrachloroethene

Concen: 5.258 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 42538

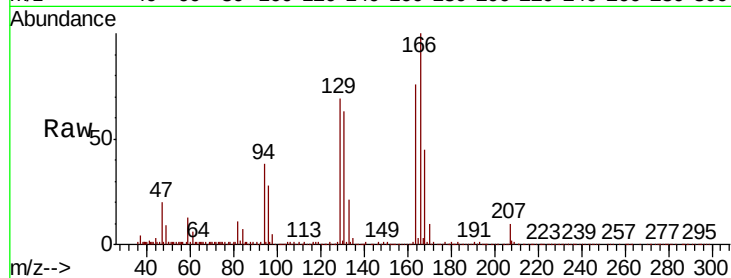
Ion Ratio Lower Upper

164 100

166 131.4 104.9 157.3

129 89.7 72.3 108.5

131 82.8 69.0 103.6



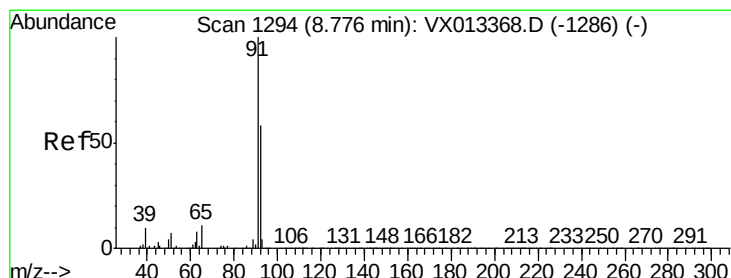
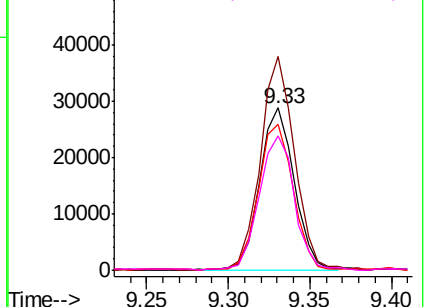
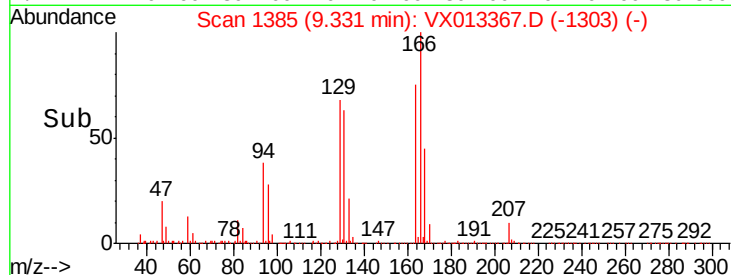
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.406 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX013367.D

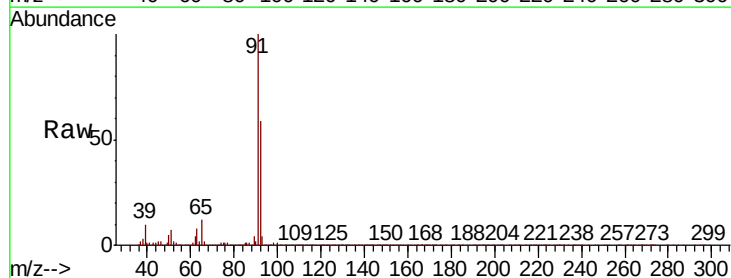
Acq: 11 Nov 2019 16:29

Tgt Ion: 91 Resp: 184232

Ion Ratio Lower Upper

91 100

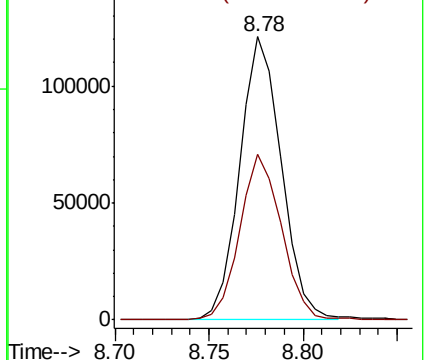
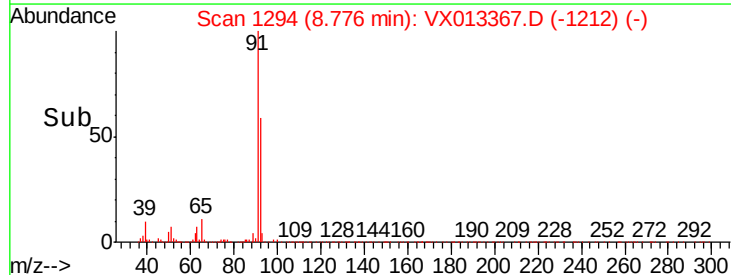
92 58.8 46.6 69.8

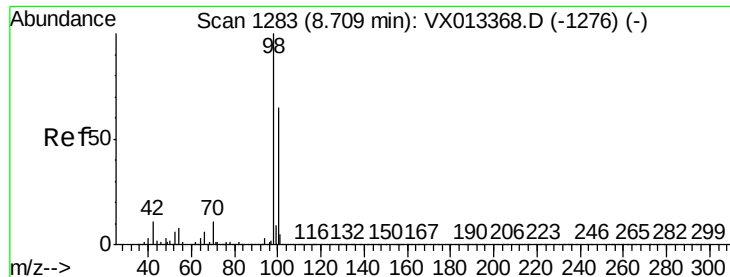


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.292 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

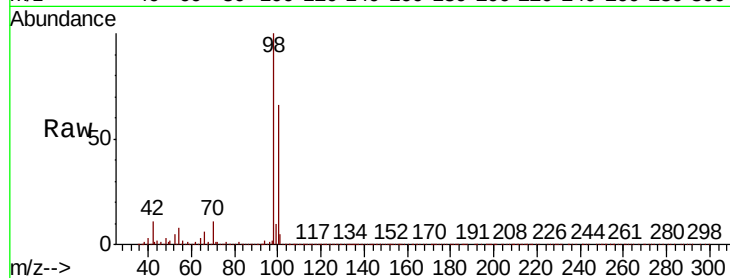
VSTDIC005

Tot Ion: 98 Resp: 879564

Ion Ratio Lower Upper

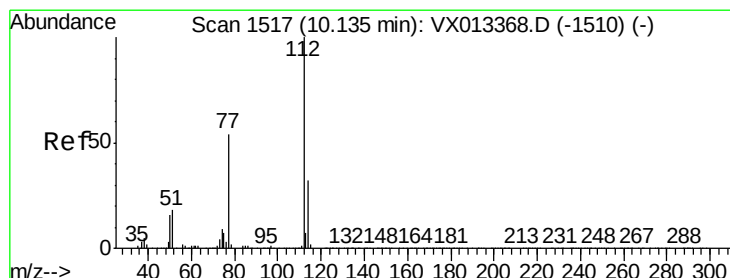
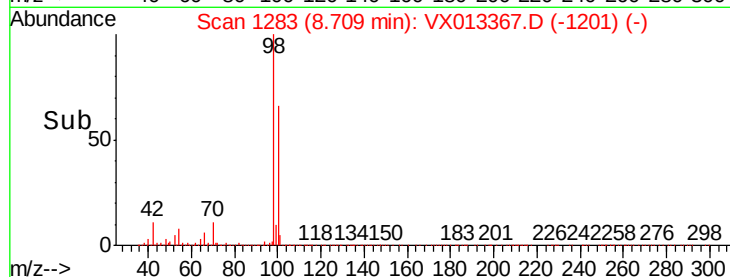
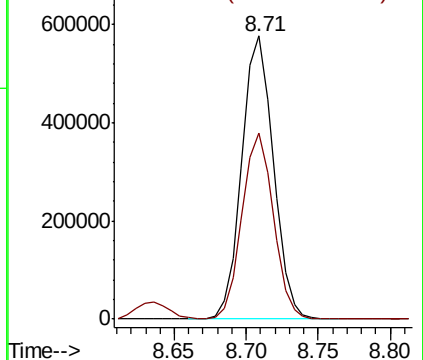
98 100

100 65.1 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 5.181 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013367.D

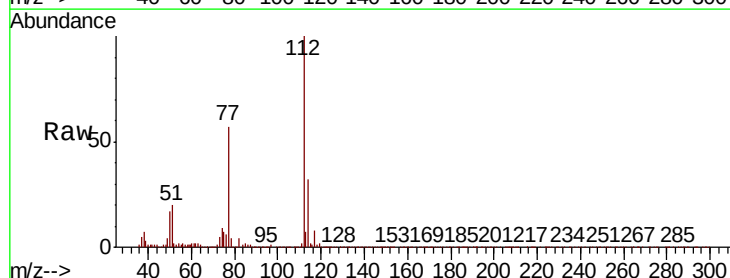
Acq: 11 Nov 2019 16:29

Tgt Ion: 112 Resp: 112390

Ion Ratio Lower Upper

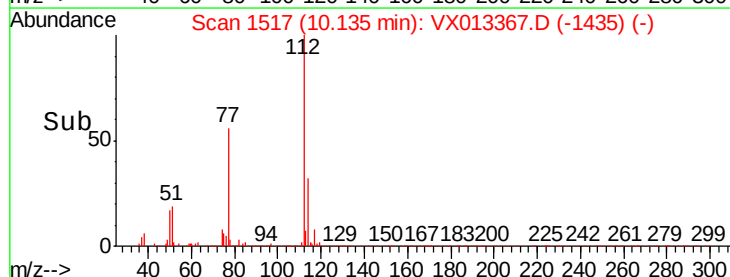
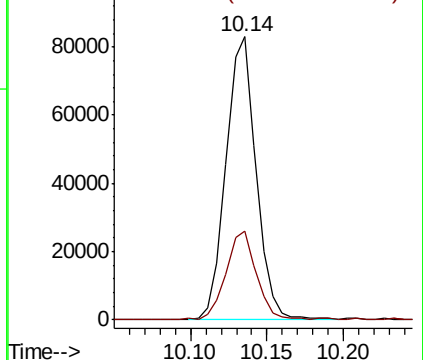
112 100

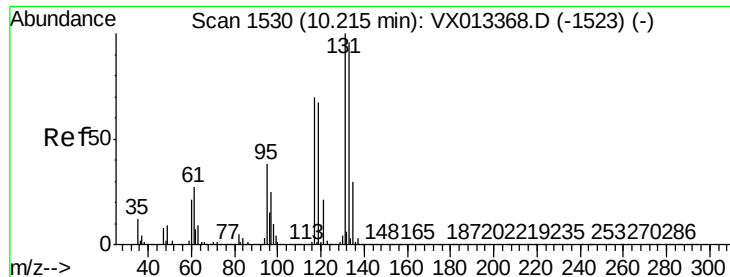
114 31.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

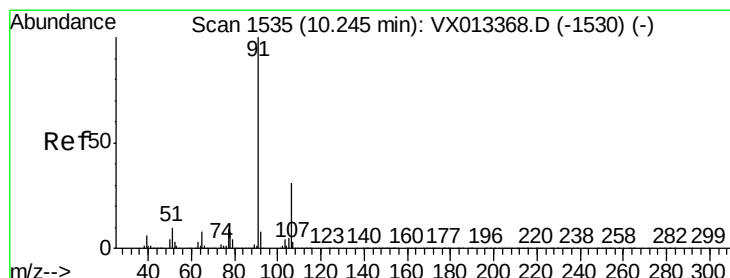
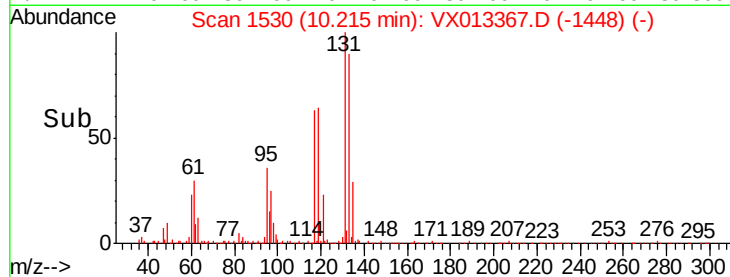
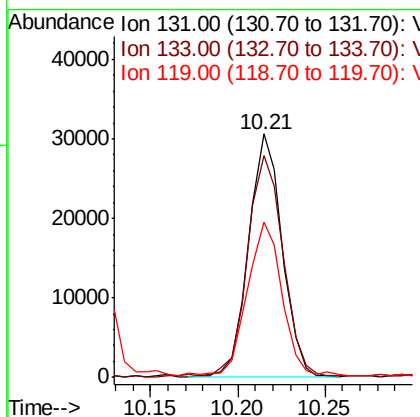
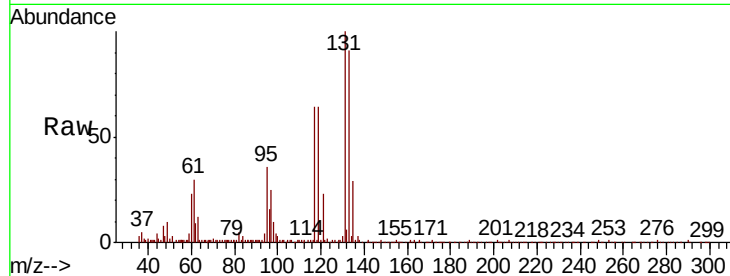




#65
 1,1,1,2-Tetrachloroethane
 Concen: 5.068 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

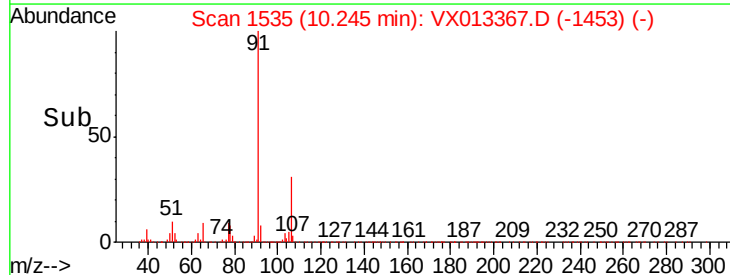
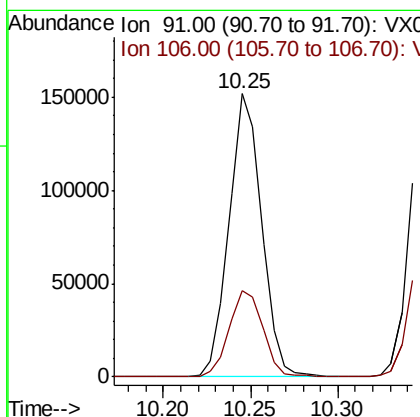
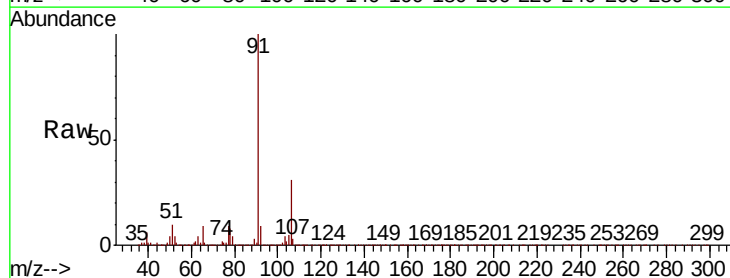
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

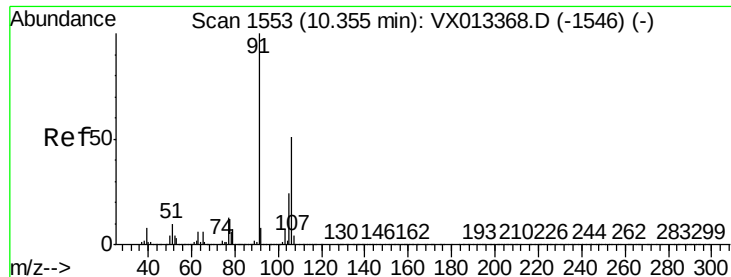
Tot Ion:131 Resp: 41037
 Ion Ratio Lower Upper
 131 100
 133 94.5 0.0 192.2
 119 64.0 0.0 134.4



#66
 Ethyl Benzene
 Concen: 5.056 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion: 91 Resp: 196586
 Ion Ratio Lower Upper
 91 100
 106 30.4 25.0 37.4

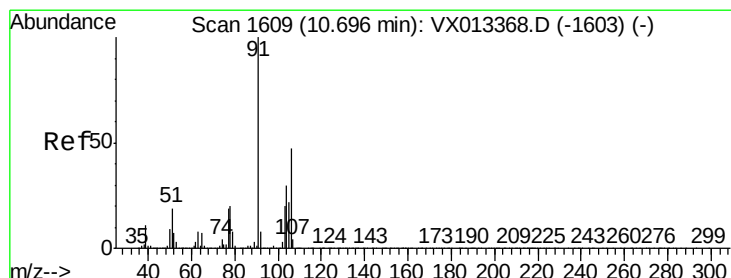
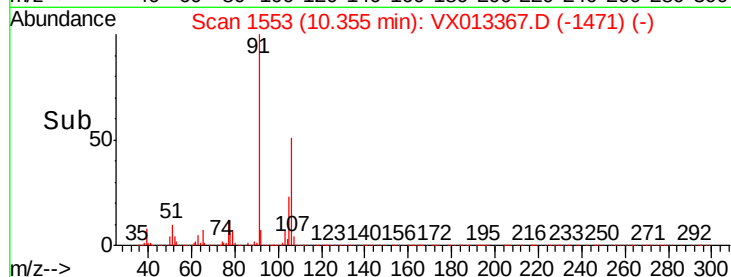
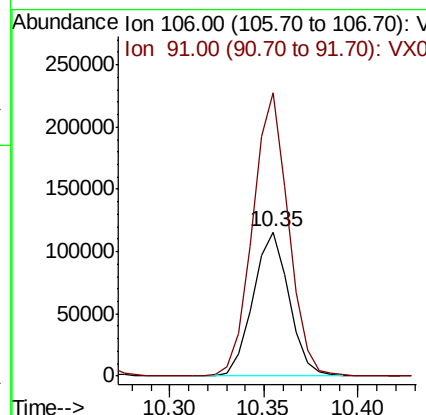
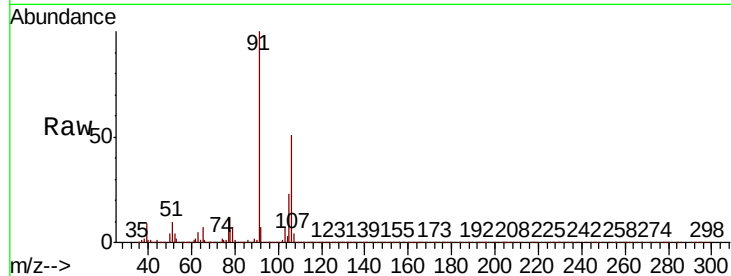




#67
m/p-Xylenes
Concen: 10.328 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

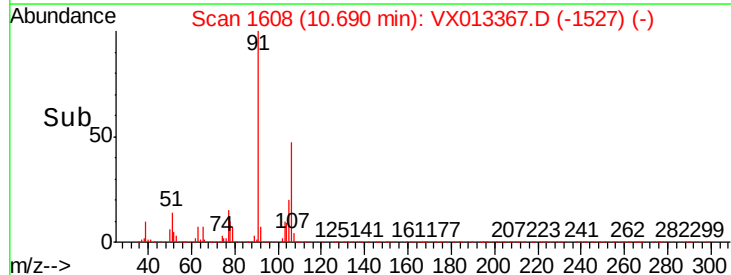
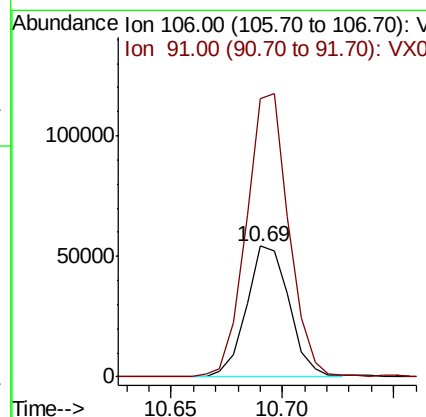
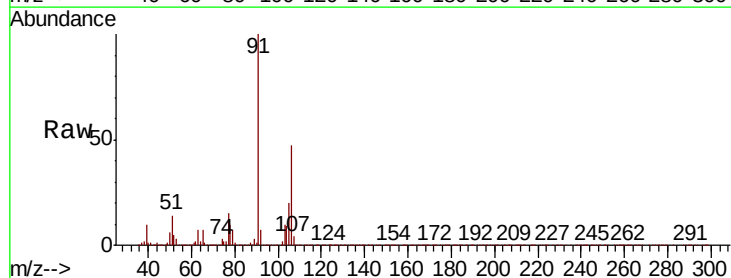
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

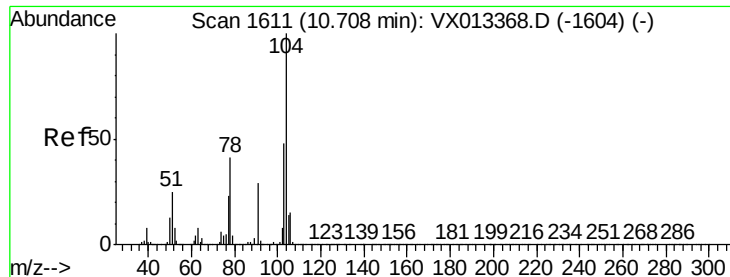
Tot Ion:106 Resp: 152449
Ion Ratio Lower Upper
106 100
91 195.3 158.4 237.6



#68
o-Xylene
Concen: 5.061 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion:106 Resp: 71834
Ion Ratio Lower Upper
106 100
91 216.4 106.4 319.2

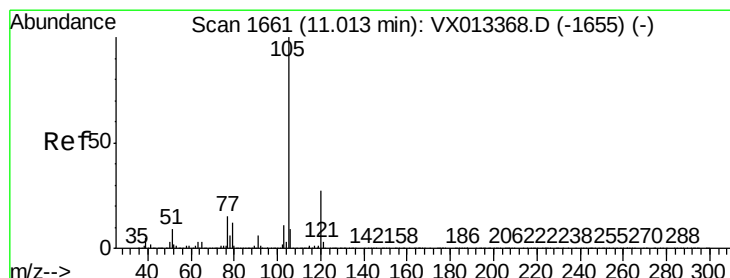
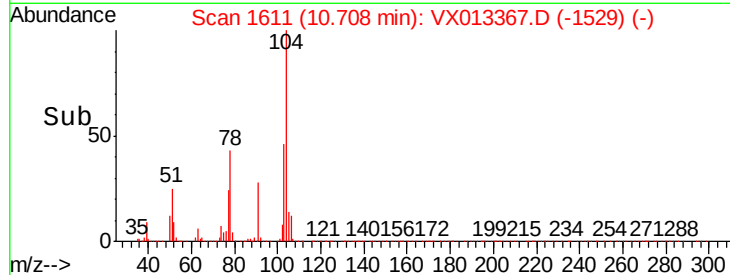
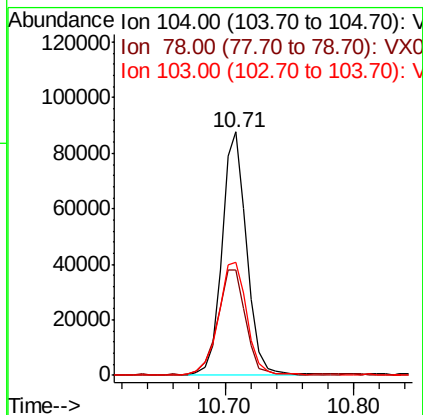
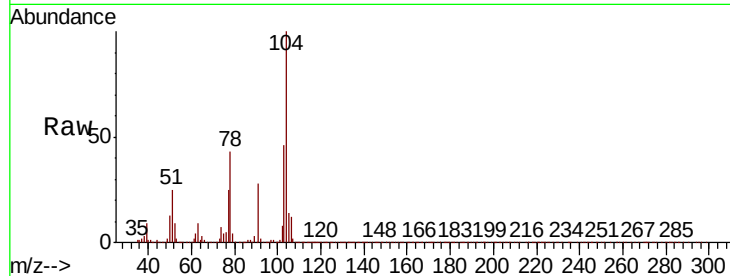




#69
Stvrene
Concen: 4.840 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

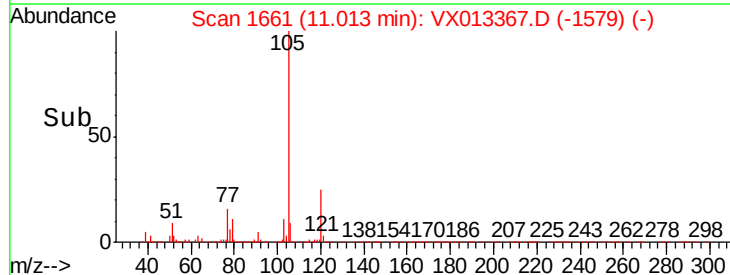
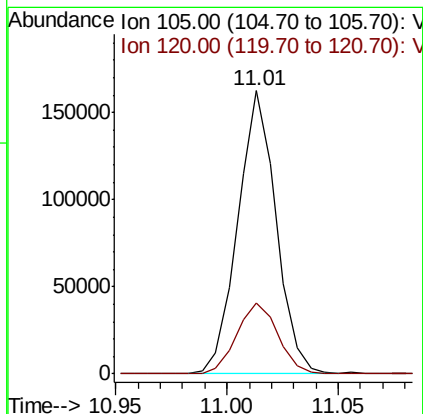
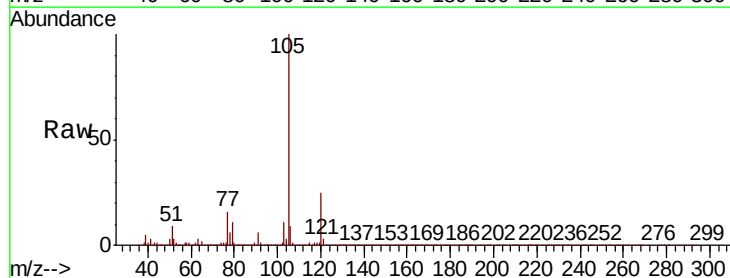
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

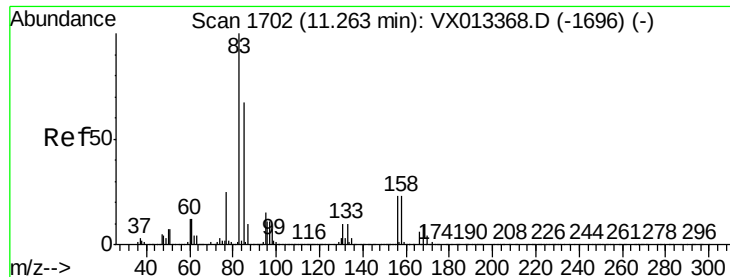
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.2	57.4
103	53.1	43.2	64.8



#70
Isopropylbenzene
Concen: 5.042 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 5.482 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

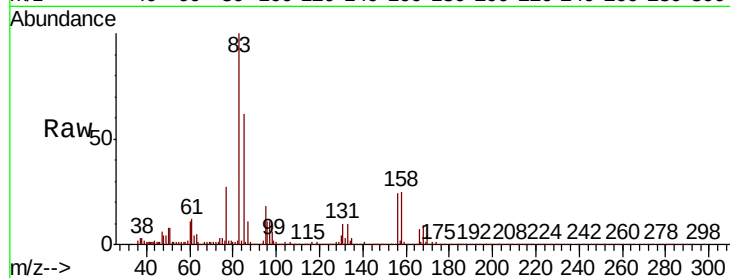
Tot Ion: 83 Resp: 67058

Ion Ratio Lower Upper

83 100

131 11.1 4.7 14.1

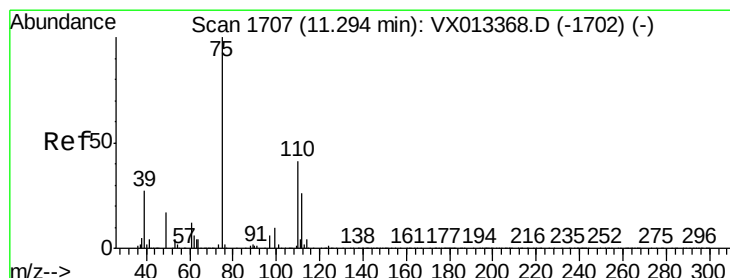
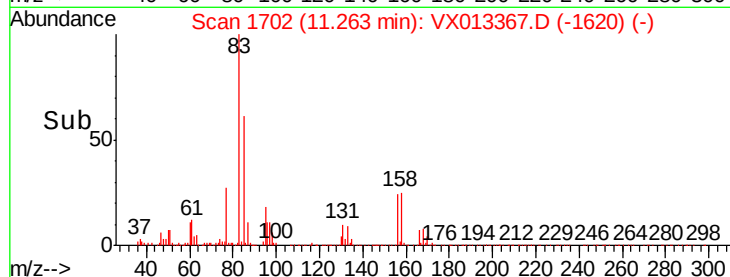
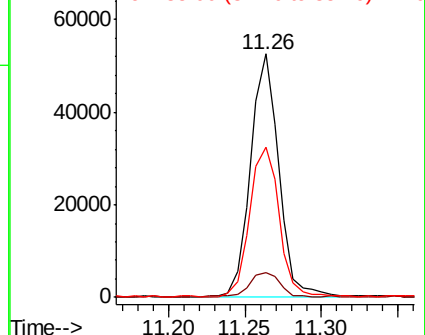
85 65.2 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 7.351 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013367.D

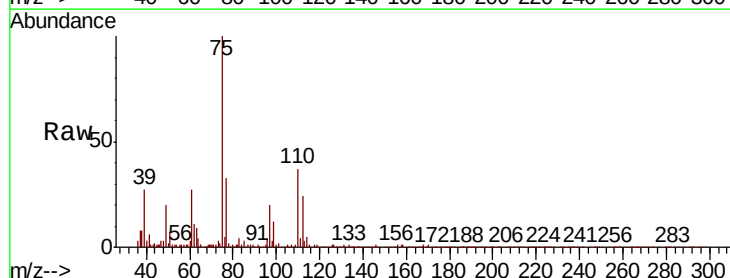
Acq: 11 Nov 2019 16:29

Tgt Ion: 75 Resp: 74548

Ion Ratio Lower Upper

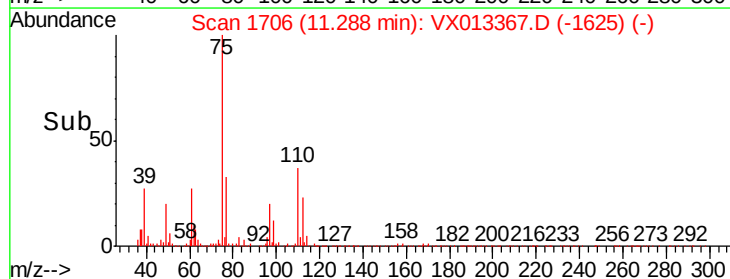
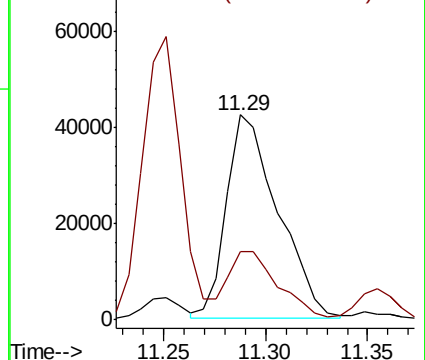
75 100

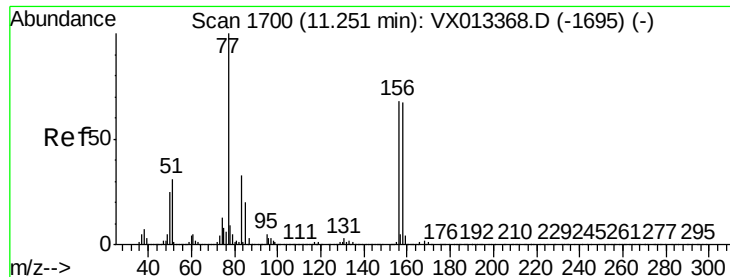
77 31.3 0.0 86.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 5.370 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

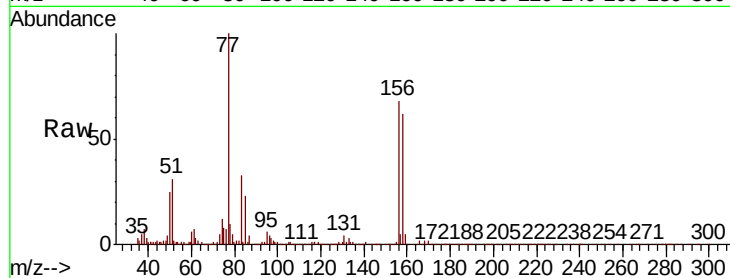
Tot Ion:156 Resp: 50732

Ion Ratio Lower Upper

156 100

77 154.1 0.0 308.8

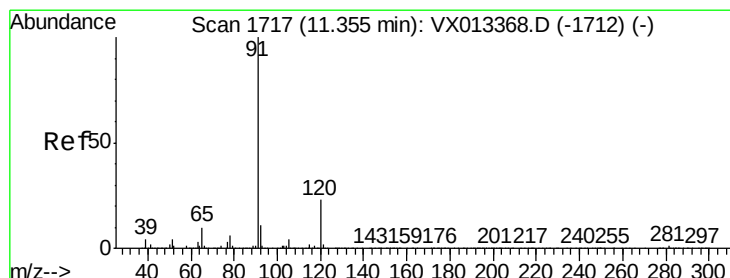
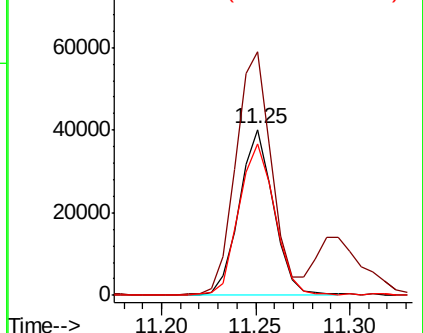
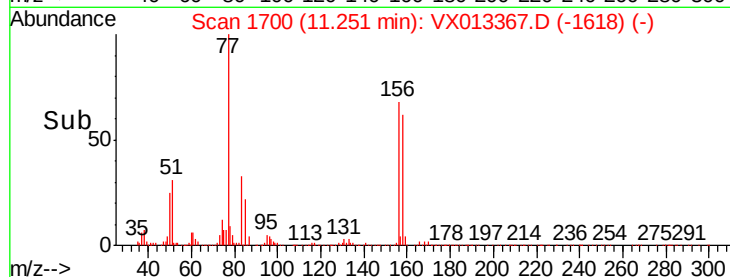
158 96.7 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 5.060 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013367.D

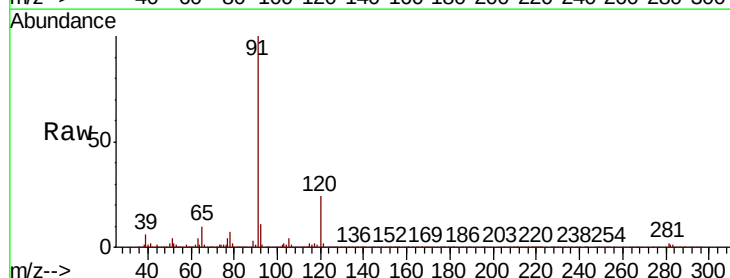
Acq: 11 Nov 2019 16:29

Tgt Ion: 91 Resp: 215614

Ion Ratio Lower Upper

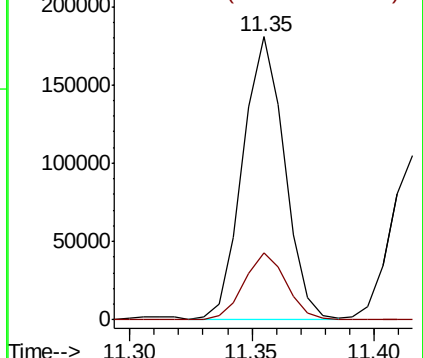
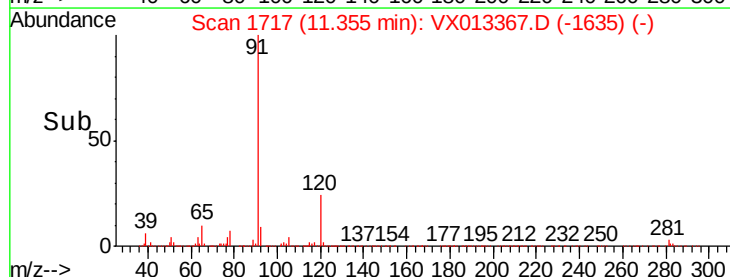
91 100

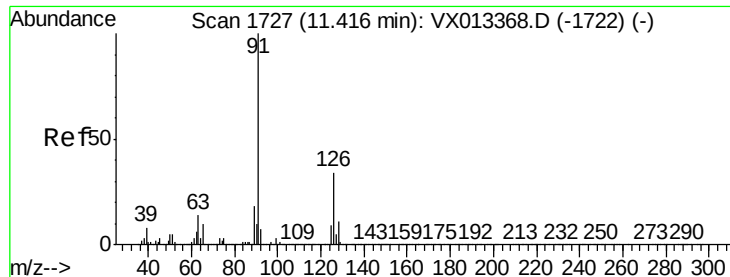
120 23.7 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.011 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

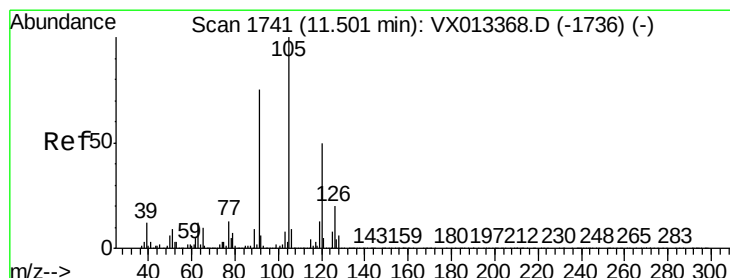
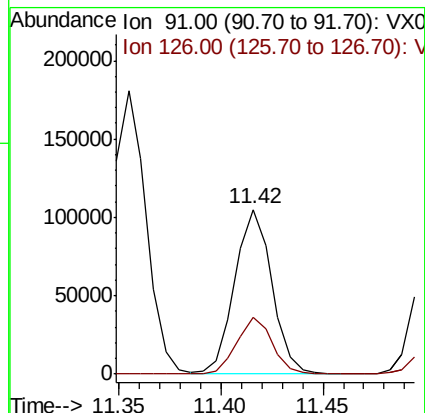
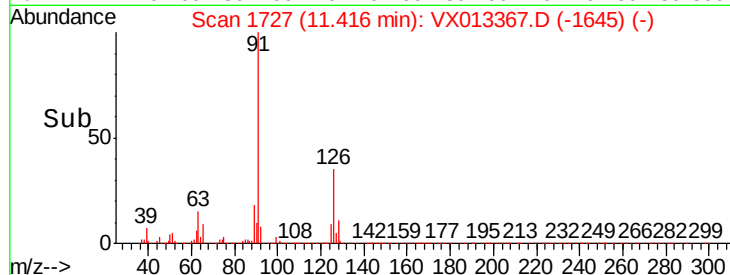
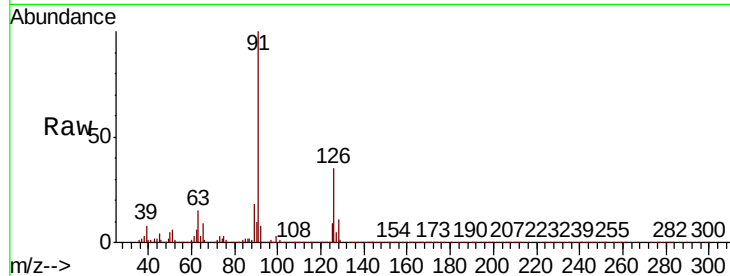
VSTDIC005

Tot Ion: 91 Resp: 132168

Ion Ratio Lower Upper

91 100

126 33.2 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 4.893 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013367.D

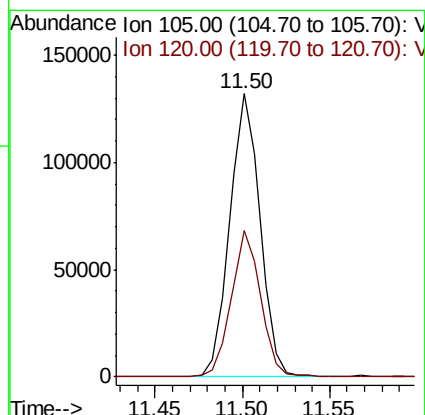
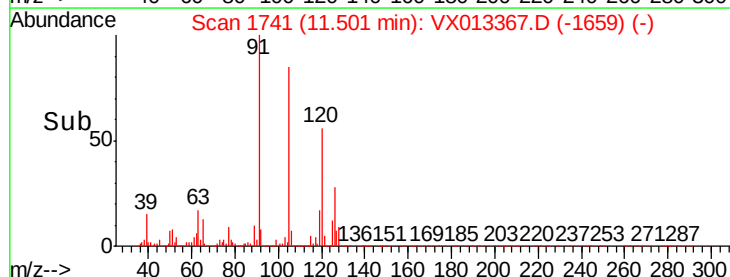
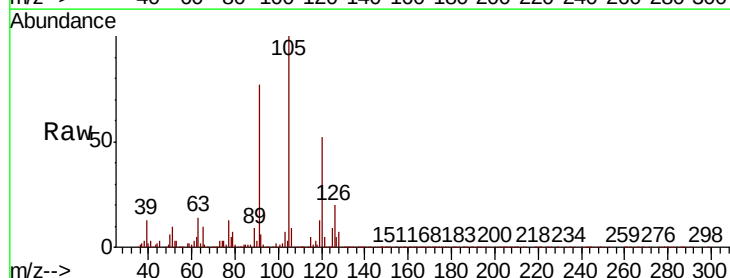
Acq: 11 Nov 2019 16:29

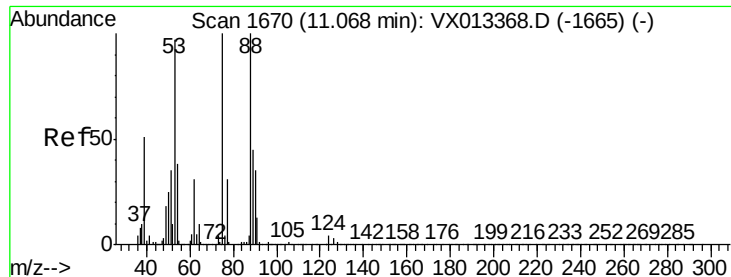
Tgt Ion: 105 Resp: 159034

Ion Ratio Lower Upper

105 100

120 50.3 0.0 100.0

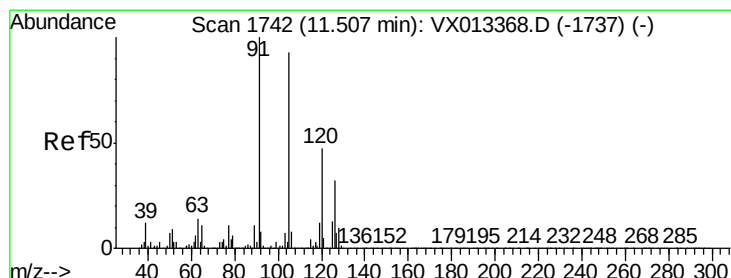
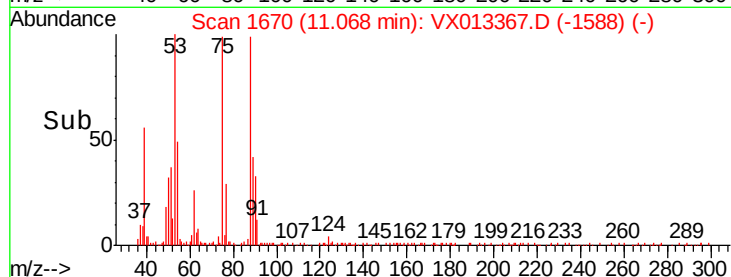
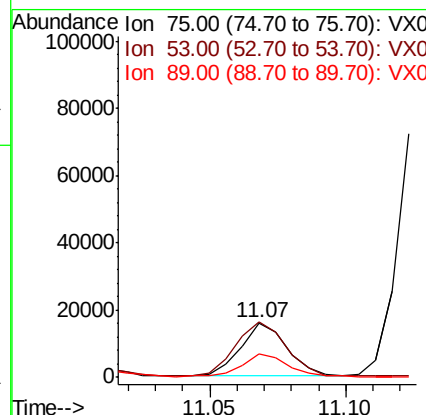
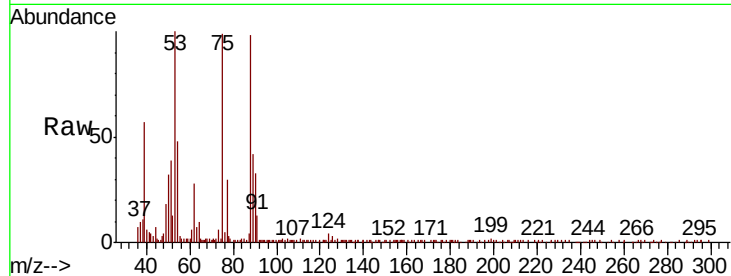




#77
t-1,4-Dichloro-2-butene
Concen: 4.530 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

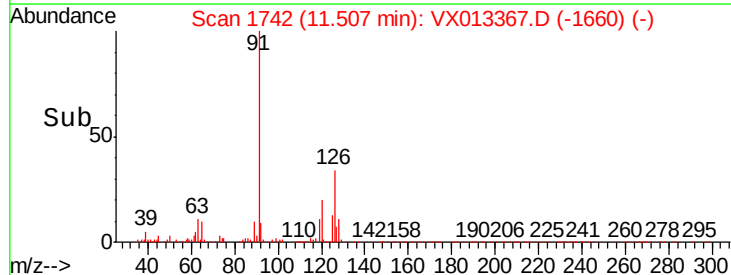
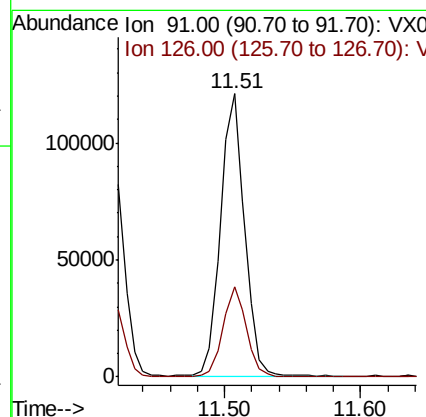
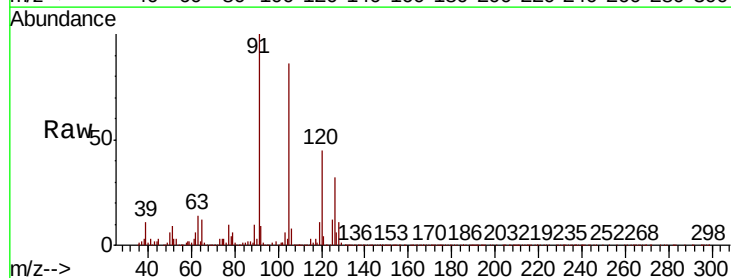
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

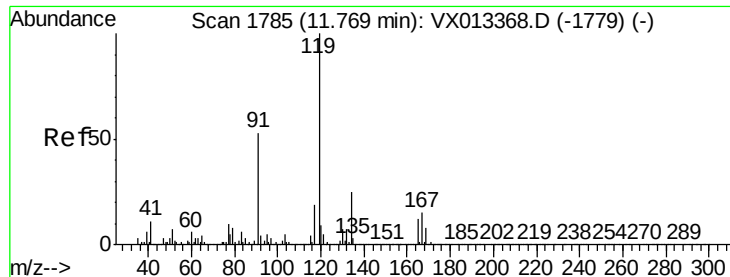
Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	48.8	146.3
89	41.8	22.3	66.8



#78
4-Chlorotoluene
Concen: 4.897 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	61.0





#79

tert-butylbenzene

Concen: 4.960 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

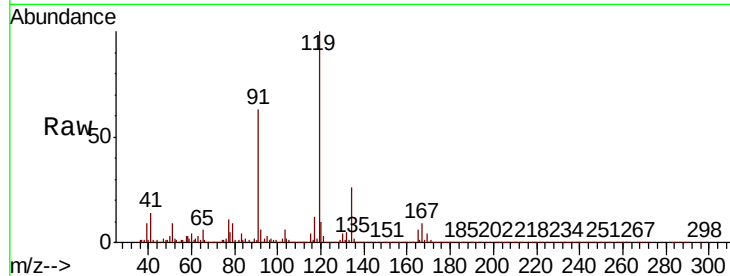
Tot Ion:119 Resp: 157442

Ion Ratio Lower Upper

119 100

91 57.8 0.0 109.6

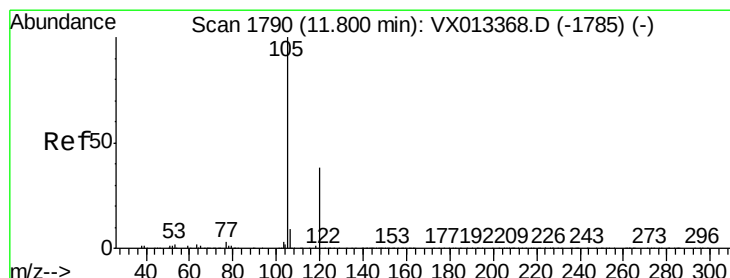
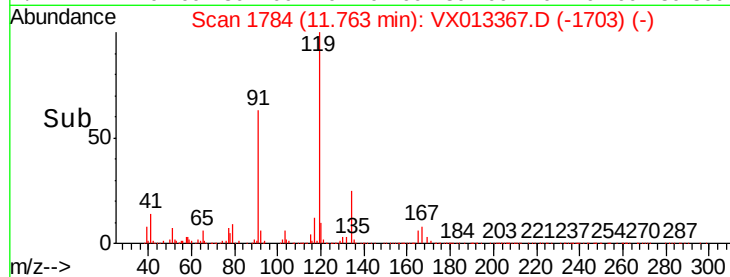
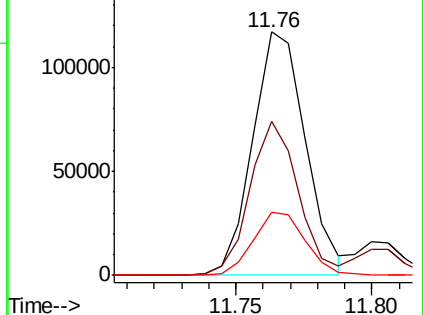
134 26.0 0.0 47.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 4.861 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX013367.D

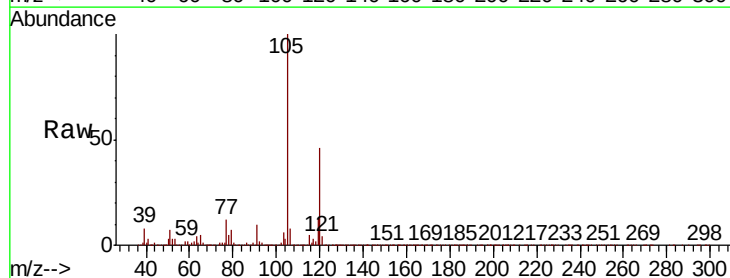
Acq: 11 Nov 2019 16:29

Tgt Ion:105 Resp: 157679

Ion Ratio Lower Upper

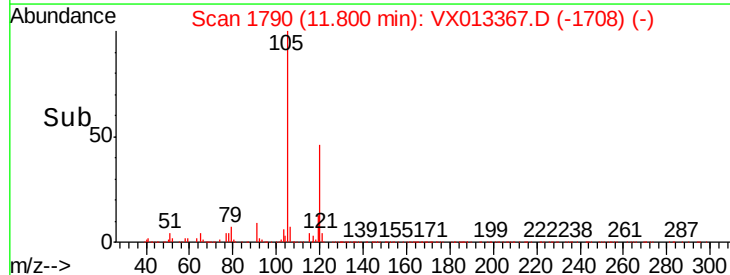
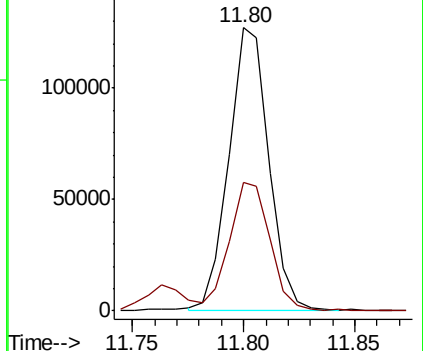
105 100

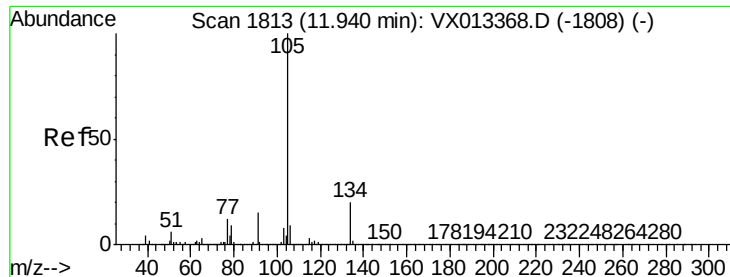
120 46.1 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

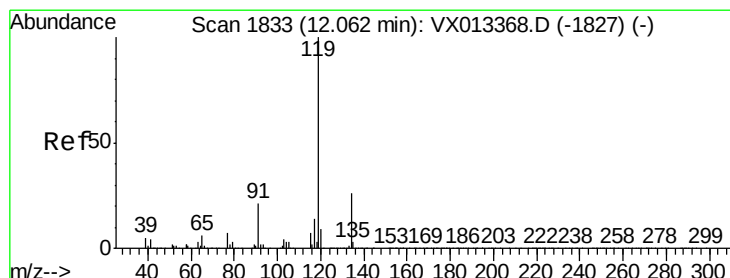
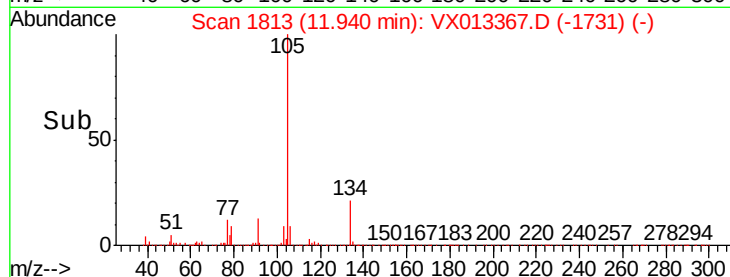
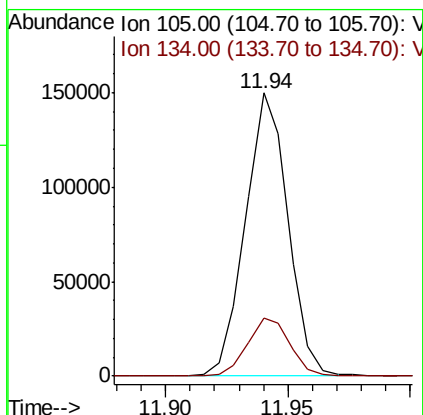
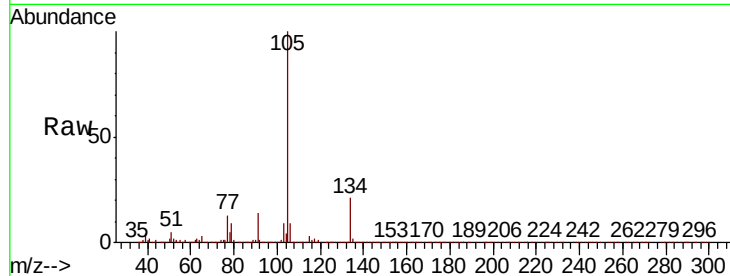




#81
 sec-Butylbenzene
 Concen: 4.868 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

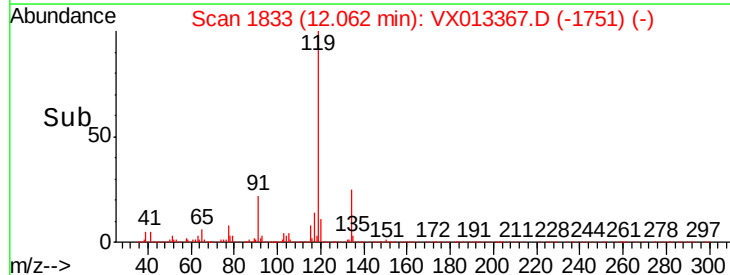
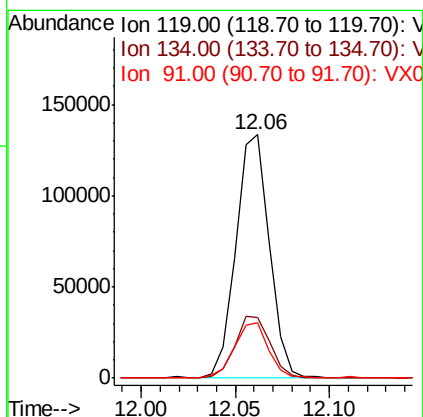
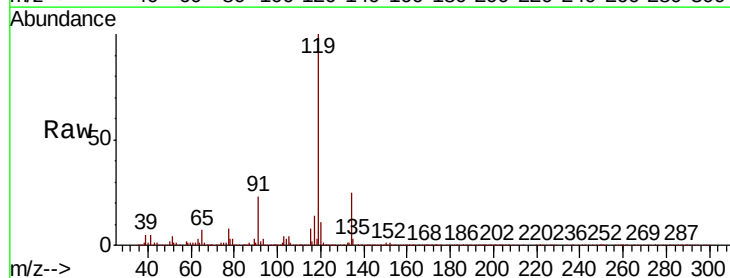
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

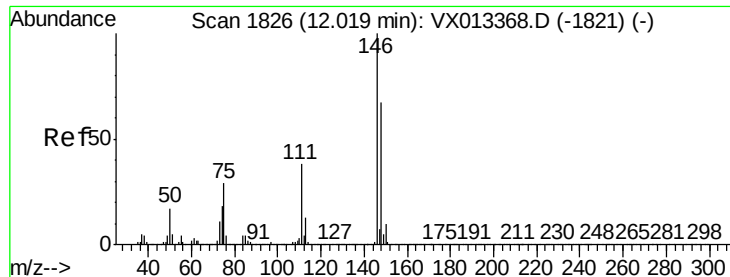
Tot Ion:105 Resp: 180855
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 4.816 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion:119 Resp: 164278
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.6
 91 23.1 0.0 44.2





#83

1,3-Dichlorobenzene

Concen: 5.129 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

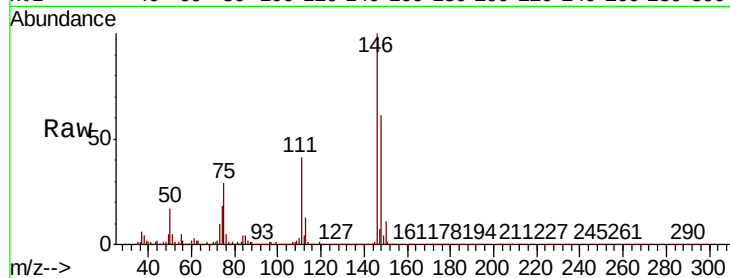
Tot Ion:146 Resp: 87597

Ion Ratio Lower Upper

146 100

111 38.3 18.8 56.3

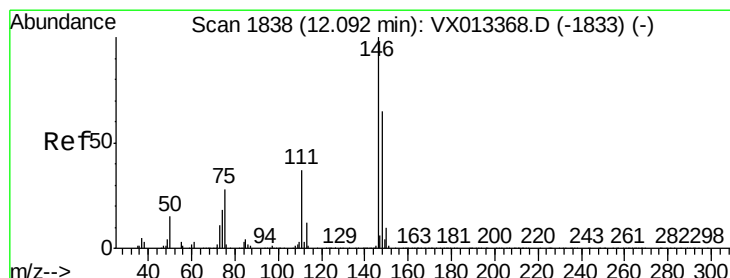
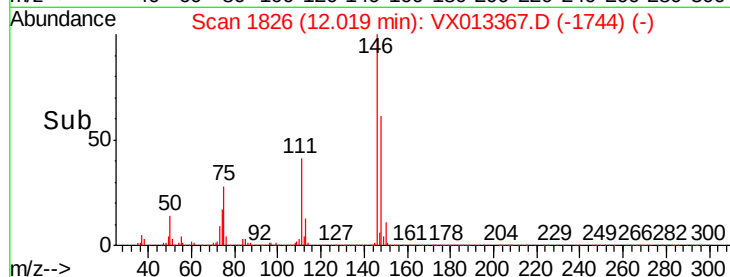
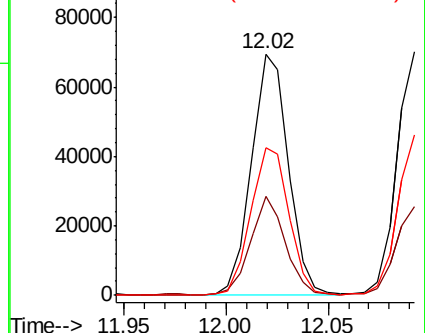
148 62.9 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 5.171 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

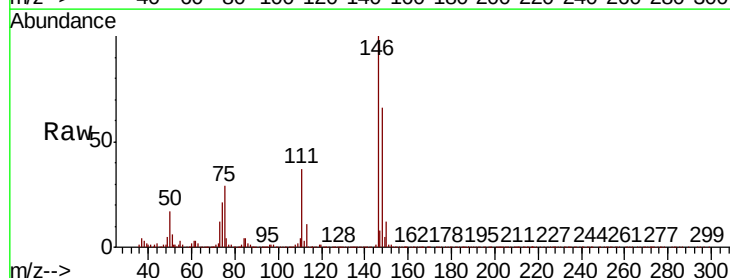
Tgt Ion:146 Resp: 87363

Ion Ratio Lower Upper

146 100

111 36.5 18.6 55.6

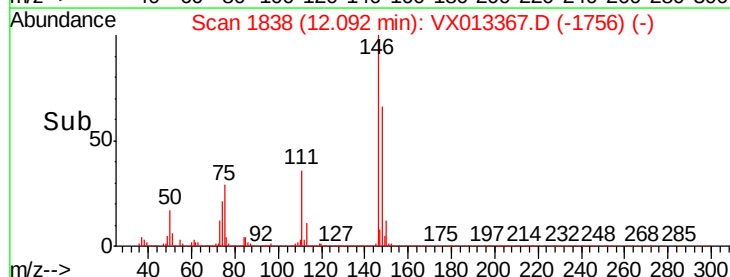
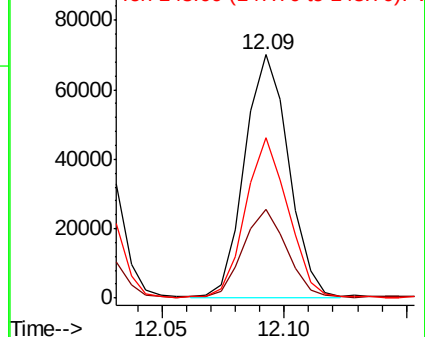
148 64.6 32.5 97.4

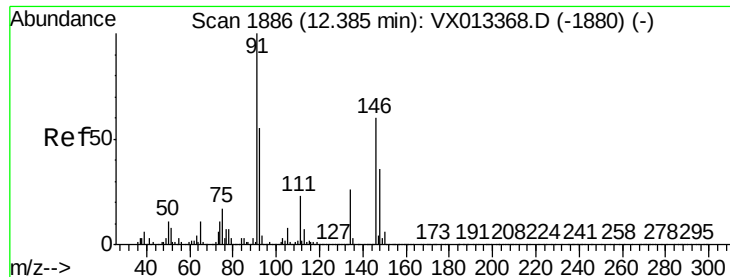


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

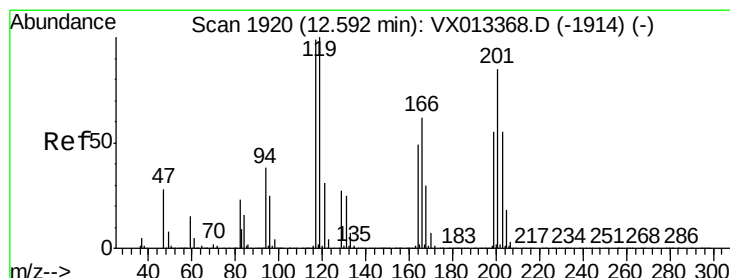
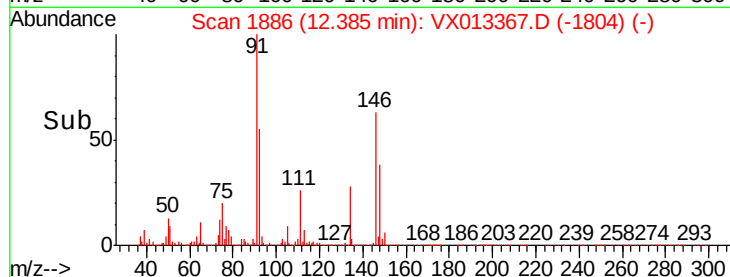
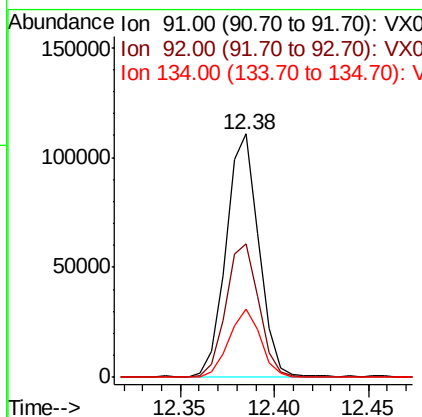
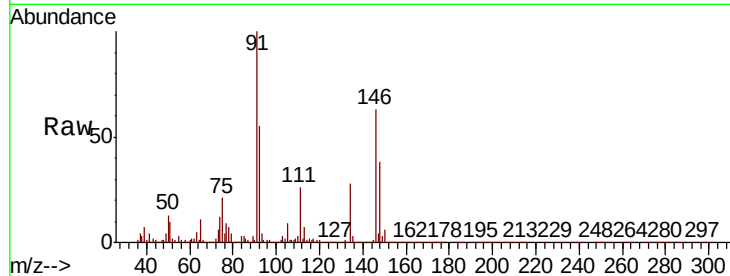




#85
n-Butylbenzene
Concen: 4.560 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

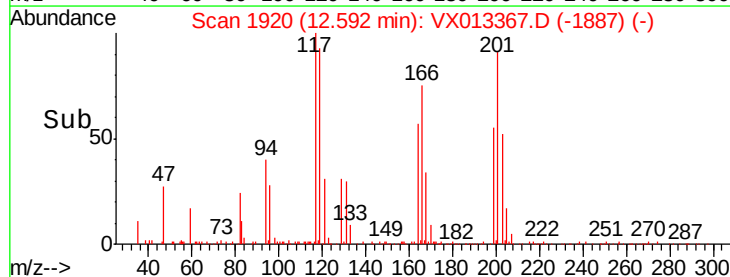
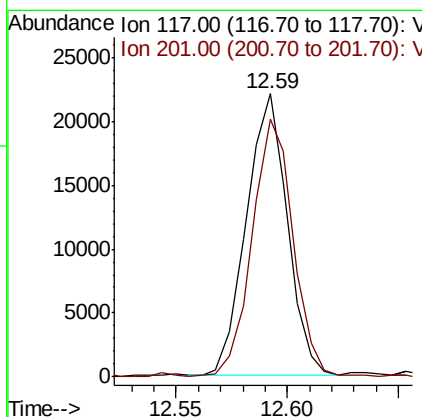
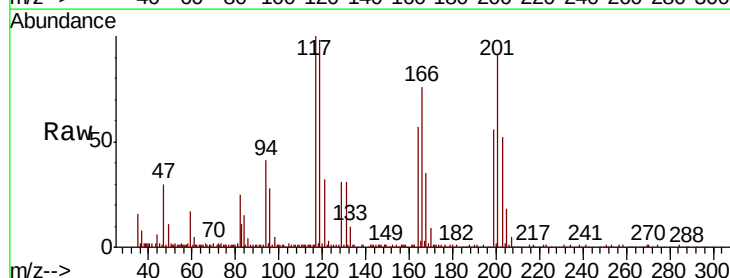
Instrument :
MSVOA_X
ClientSampleID :
VSTDIC005

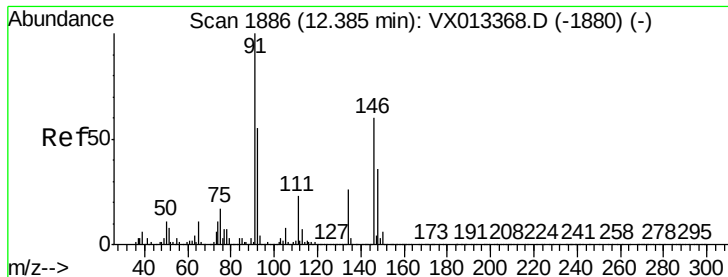
Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	0.0	109.0
134	27.1	0.0	53.0



#86
Hexachloroethane
Concen: 4.740 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	44.5	133.3

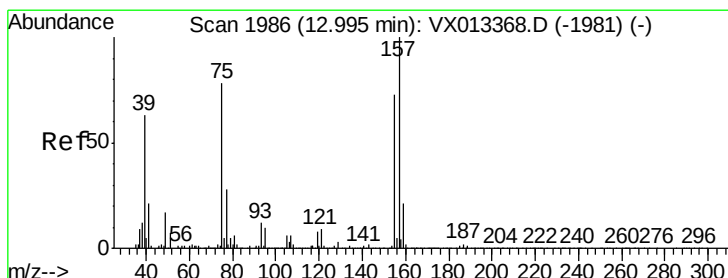
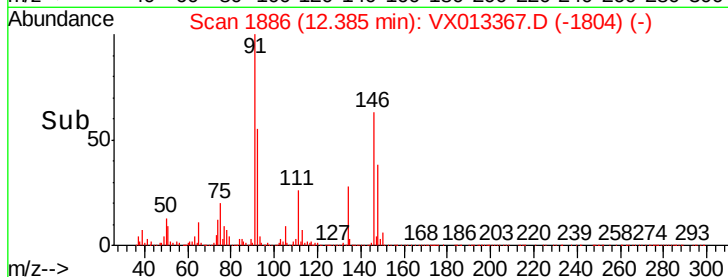
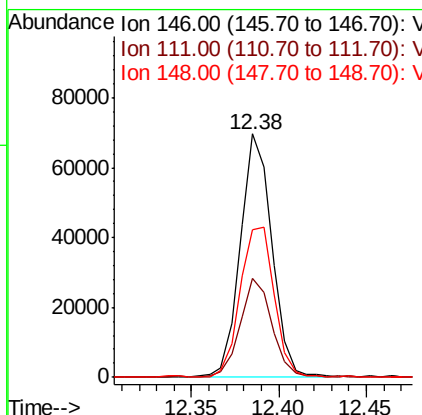
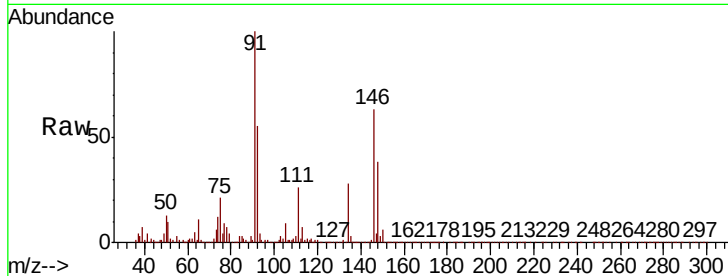




#87
 1,2-Dichlorobenzene
 Concen: 5.271 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

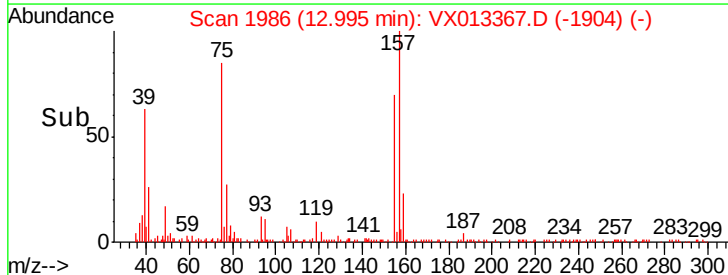
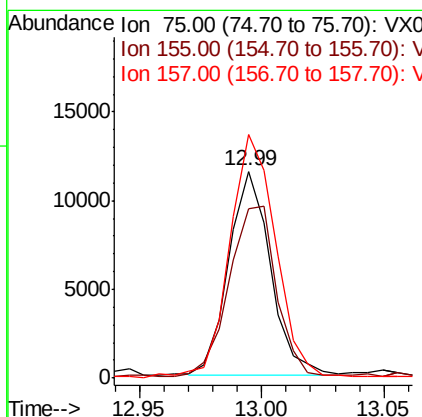
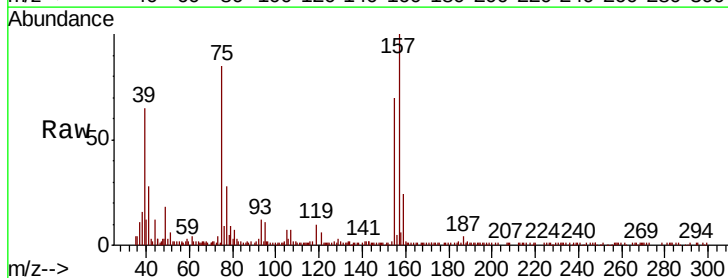
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

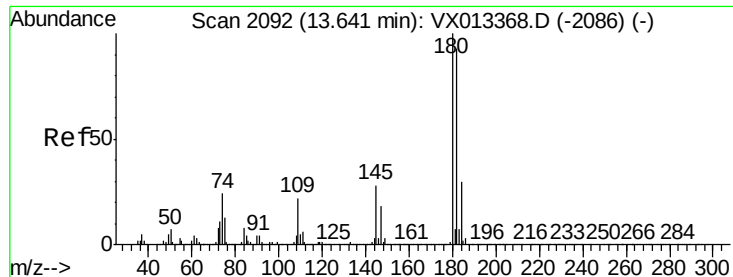
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.7
148	66.6	31.6	94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.673 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	76.9	115.3
157	132.8	101.2	151.8

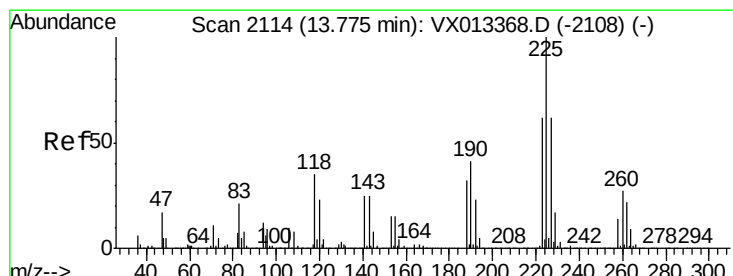
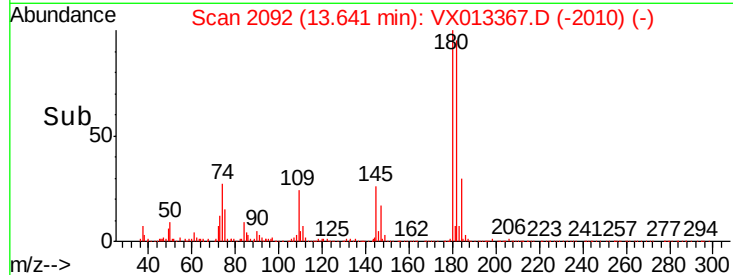
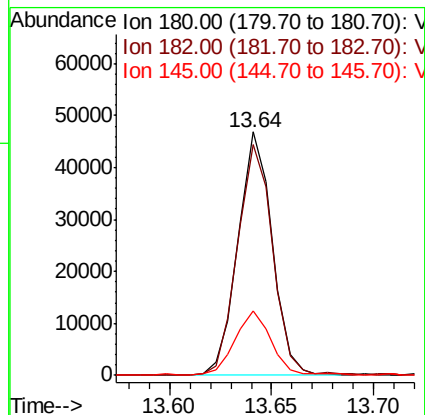
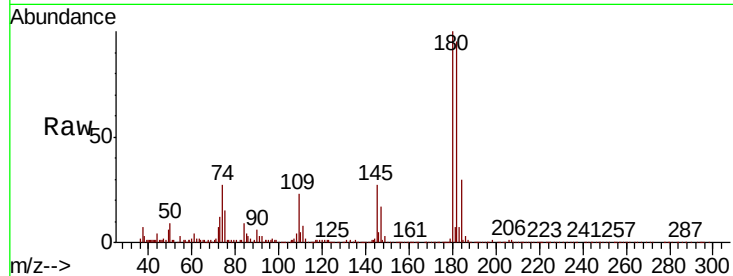




#89
 1,2,4-Trichlorobenzene
 Concen: 5.148 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

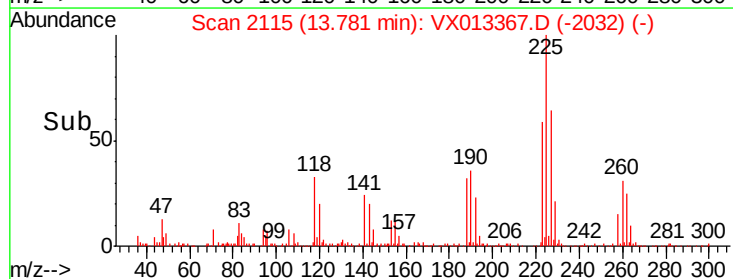
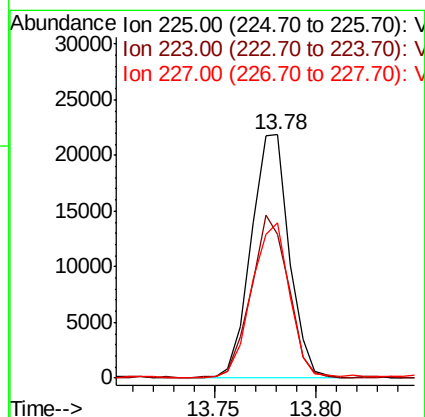
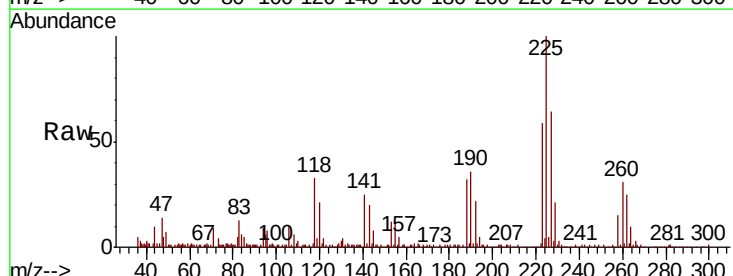
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

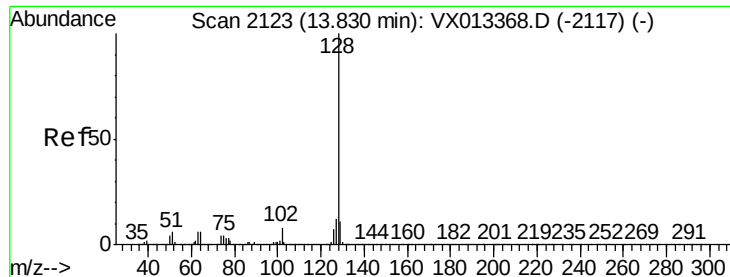
Tot Ion:180 Resp: 54457
 Ion Ratio Lower Upper
 180 100
 182 96.8 74.7 112.1
 145 27.1 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 5.339 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion:225 Resp: 28545
 Ion Ratio Lower Upper
 225 100
 223 65.0 0.0 123.0
 227 63.5 0.0 121.8

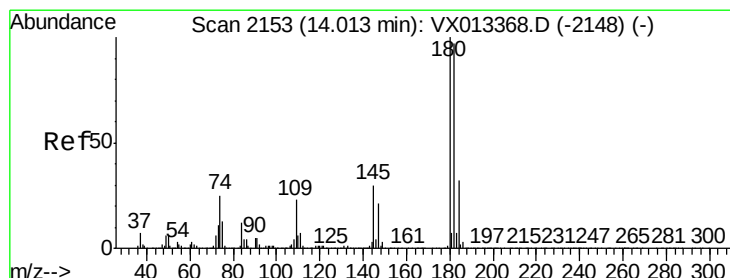
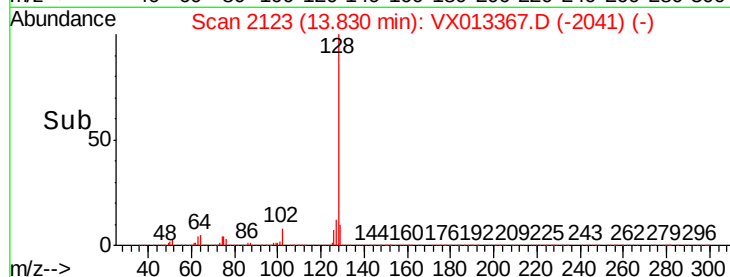
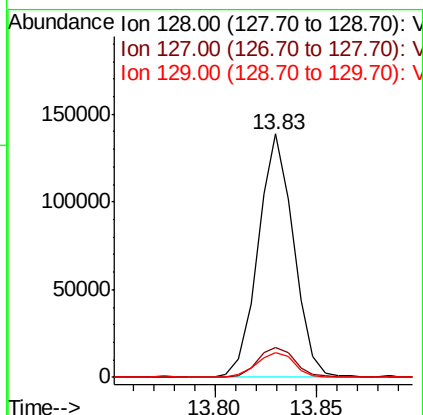
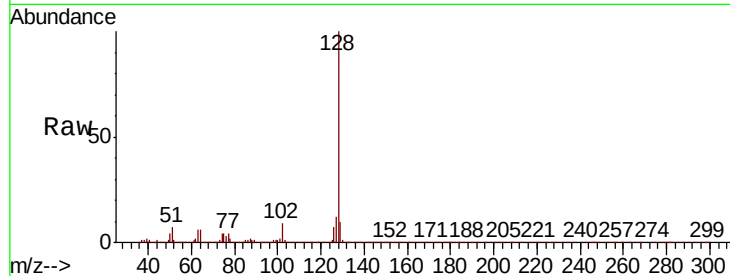




#91
Naphthalene
Concen: 4.889 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 167258
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.7 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 5.256 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion:180 Resp: 56882
Ion Ratio Lower Upper
180 100
182 92.0 0.0 191.0
145 29.6 0.0 59.0

