

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013370.D
 Acq On : 11 Nov 2019 17:39
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 12 01:05:47 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	5.01	128	110273	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	677049	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	612467	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	257515	30.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.63%
60) 4-Bromofluorobenzene	11.13	95	294555	28.12	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.73%
63) Toluene-d8	8.71	98	824061	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	880573	111.251	ug/l 99
3) Chloromethane	1.31	50	941922	129.357	ug/l 98
4) Vinyl Chloride	1.40	62	1086744	141.308	ug/l 99
5) Bromomethane	1.62	94	657560	163.506	ug/l 100
6) Chloroethane	1.70	64	569472	121.443	ug/l 99
7) Trichlorofluoromethane	1.91	101	1141587	101.522	ug/l 98
8) Diethyl Ether	2.18	74	528562	129.557	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	682606	98.734	ug/l 99
10) 1,1-Dichloroethene	2.36	96	724394	108.120	ug/l 100
11) Methyl Iodide	2.50	142	961205	112.202	ug/l 100
12) Methyl Acetate	2.76	43	1275390	138.536	ug/l 97
13) Acrolein	2.28	56	655484	518.513	ug/l 100
14) Acrylonitrile	3.13	53	2322667	622.493	ug/l 99
15) Acetone	2.44	58	673398	547.291	ug/l 97
16) Carbon Disulfide	2.56	76	2043077	113.075	ug/l 100
17) Allyl chloride	2.72	41	1348168	122.766	ug/l 97
18) Methylene Chloride	2.84	84	798348	103.408	ug/l 99
19) trans-1,2-Dichloroethene	3.15	96	767101	107.967	ug/l 98
20) Diisopropyl ether	3.84	45	2529685	119.792	ug/l # 84
21) 1,1-Dichloroethane	3.69	63	1393272	110.744	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	881075	108.957	ug/l 98
23) tert-Butyl Alcohol	2.76	59	109266	57.121	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	2375787	103.363	ug/l 100
25) Chloroform	5.20	83	1337268	102.472	ug/l 99
26) Cyclohexane	5.57	56	1248652	112.355	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	1031568	100.001	ug/l 100
30) 2-Butanone	4.66	43	3406946	593.676	ug/l 99
31) 2,2-Dichloropropane	4.57	77	1129465	94.906	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	1156852	93.384	ug/l 99
33) Carbon Tetrachloride	5.77	117	1016869	95.111	ug/l 99
34) Benzene	6.13	78	3147725	104.383	ug/l 99
35) Methacrylonitrile	5.03	41	705949	120.749	ug/l 98
36) 1,2-Dichloroethane	6.18	62	1090270	96.997	ug/l 99
37) Trichloroethene	7.20	130	854344	102.948	ug/l 97
38) Methylcyclohexane	7.45	83	1273322	100.130	ug/l 99
39) 1,2-Dichloropropane	7.51	63	819366	109.698	ug/l 99
40) Dibromomethane	7.65	93	531121	100.883	ug/l 97

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 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	1078322	101.807	ug/l	97
42) Vinyl Acetate	3.80	43	10774219	556.373	ug/l	99
43) Ethyl Acetate	4.82	43	1264985	120.486	ug/l	97
44) Isopropyl Acetate	6.43	43	2038865	118.177	ug/l	99
45) 1,4-Dioxane	7.73	88	450293	2134.302	ug/l	100
46) Methyl methacrylate	7.76	41	1019788	120.073	ug/l	100
47) n-amyl Acetate	10.89	43	1842979	124.907	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	1245185	107.021	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	1349208	106.349	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	794067	101.764	ug/l	99
51) Ethyl methacrylate	9.17	69	1366122	111.104	ug/l	98
52) 1,3-Dichloropropane	9.37	76	1362613	103.534	ug/l	99
53) Dibromochloromethane	9.58	129	885080	105.615	ug/l	97
54) 1,2-Dibromoethane	9.67	107	853922	102.540	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	2782369	546.322	ug/l	100
56) Bromoform	10.85	173	722418	118.881	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	6388697	598.236	ug/l	99
59) 2-Hexanone	9.49	43	5040269	599.145	ug/l	98
61) Tetrachloroethene	9.33	164	735086	93.750	ug/l	96
62) Toluene	8.78	91	3369772	102.022	ug/l	99
64) Chlorobenzene	10.14	112	2135076	101.555	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	805295	102.610	ug/l	99
66) Ethyl Benzene	10.24	91	3755668	99.657	ug/l	99
67) m/p-Xylenes	10.35	106	2884627	201.630	ug/l	99
68) o-Xylene	10.70	106	1412686	102.686	ug/l	97
69) Styrene	10.71	104	2434455	103.414	ug/l	99
70) Isopropylbenzene	11.01	105	3686985	98.654	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	1312526	110.720	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	1552011	157.913	ug/l	80
73) Bromobenzene	11.25	156	976117	106.617	ug/l	97
74) n-propylbenzene	11.35	91	4212298	101.994	ug/l	99
75) 2-Chlorotoluene	11.42	91	2476763	96.884	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	3118033	98.978	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	495839	124.193	ug/l	93
78) 4-Chlorotoluene	11.51	91	2868835	97.972	ug/l	100
79) tert-butylbenzene	11.77	119	3158784	102.676	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	3118557	99.196	ug/l	99
81) sec-Butylbenzene	11.94	105	3592916	99.793	ug/l	99
82) p-Isopropyltoluene	12.06	119	3343683	101.142	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1726023	104.271	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	1731162	105.727	ug/l	99
85) n-Butylbenzene	12.38	91	2969280	105.421	ug/l	99
86) Hexachloroethane	12.59	117	627841	108.296	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	1737890	107.956	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	310647	110.188	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	1242122	121.158	ug/l	99
90) Hexachlorobutadiene	13.78	225	577524	111.450	ug/l	97
91) Naphthalene	13.83	128	3939694	118.812	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	1232310	117.491	ug/l	98

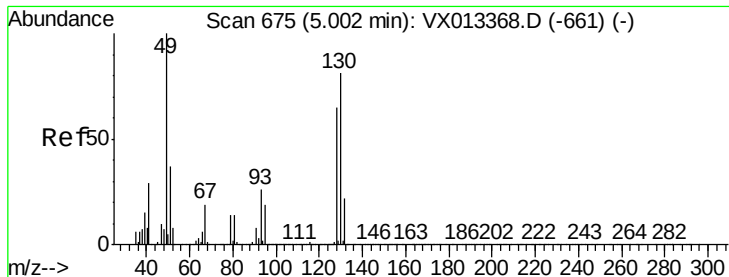
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QLast Update : Tue Nov 12 01:01:06 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

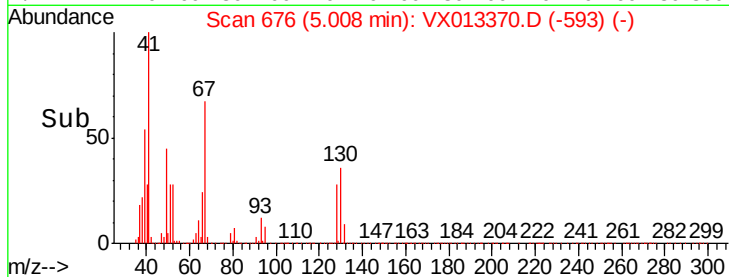
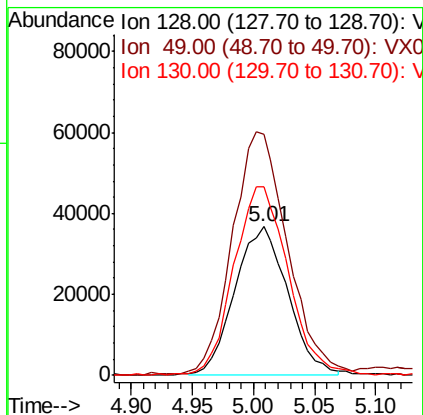
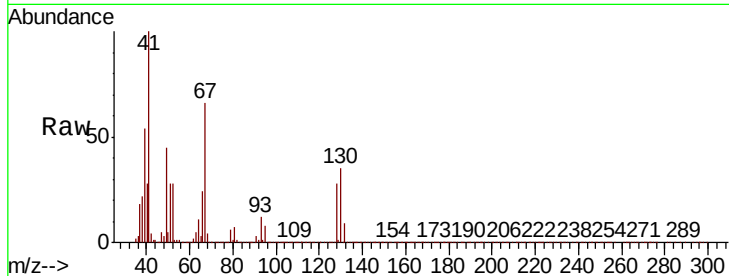


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

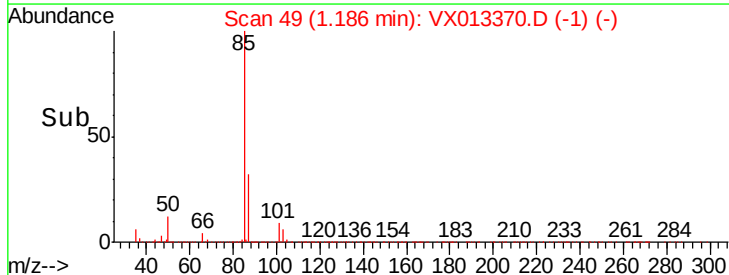
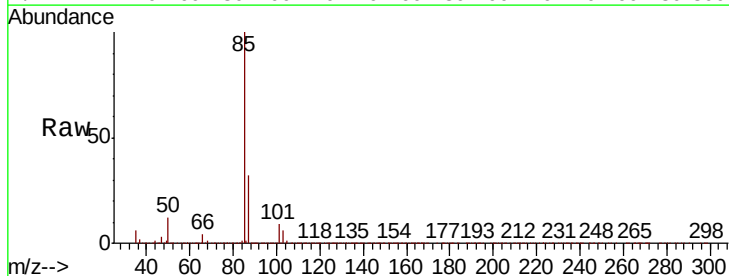
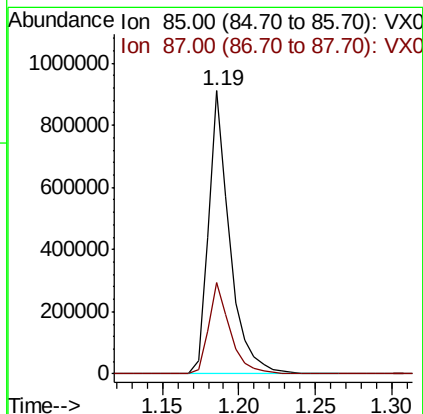
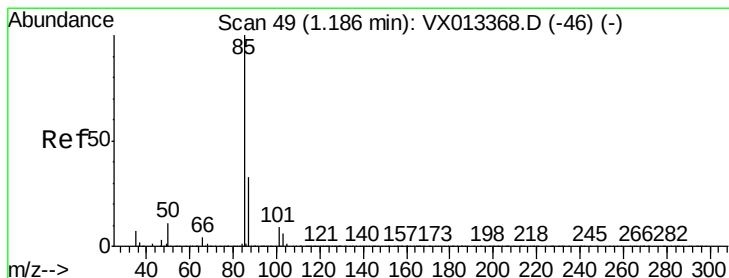
Tot Ion	Ratio	Lower	Upper
128	100		
49	169.4	0.0	388.3
130	129.6	0.0	318.5

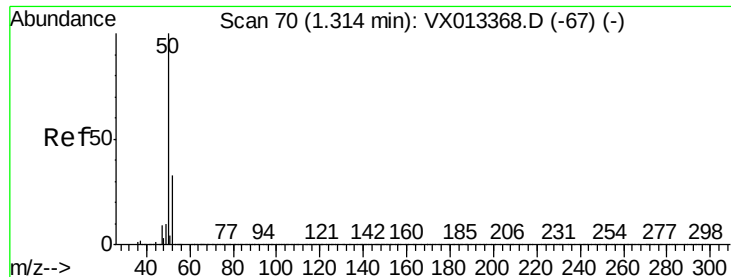


#2

Dichlorodifluoromethane
 Concen: 111.251 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.6	49.7

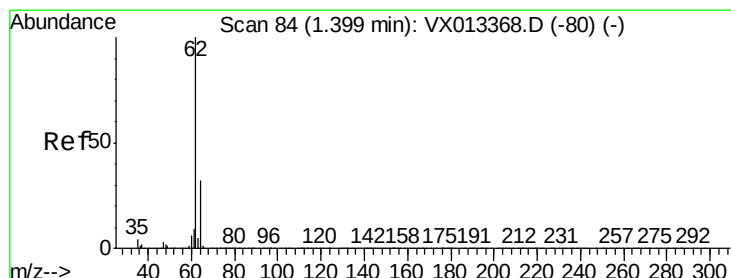
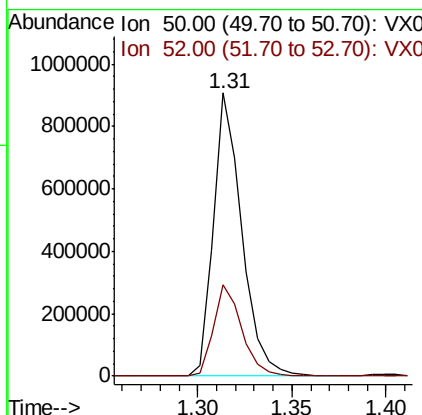
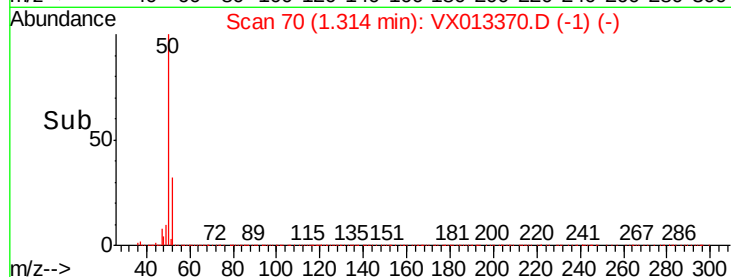
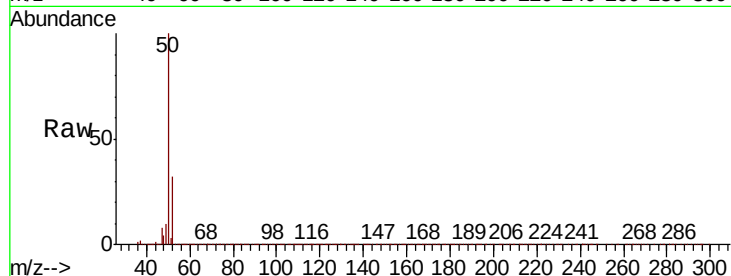




#3
Chloromethane
Concen: 129.357 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

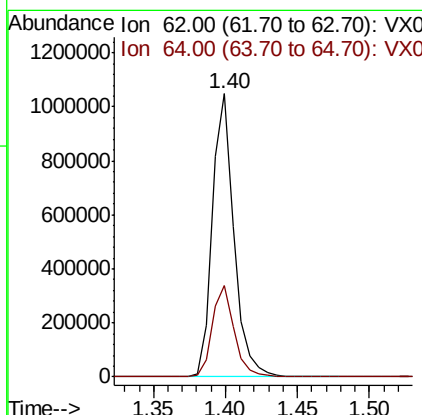
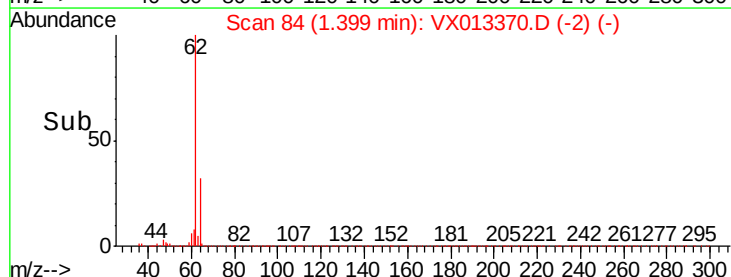
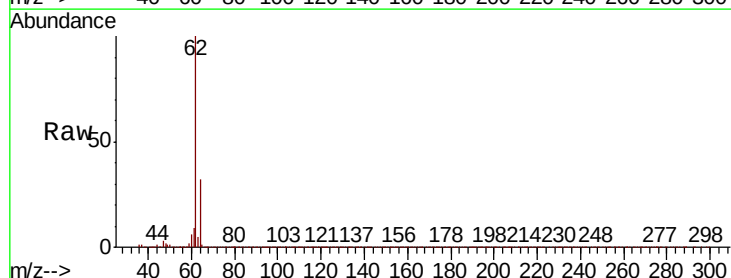
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

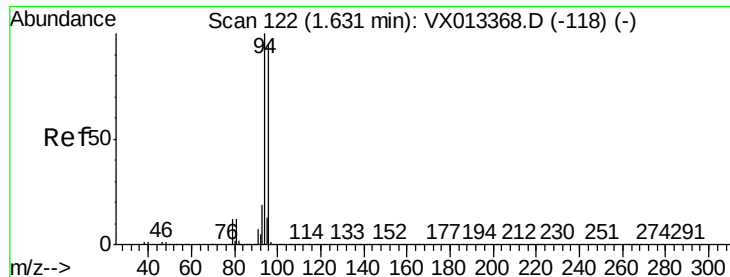
Tot Ion: 50 Resp: 941922
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0



#4
Vinyl Chloride
Concen: 141.308 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 62 Resp: 1086744
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 163.506 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

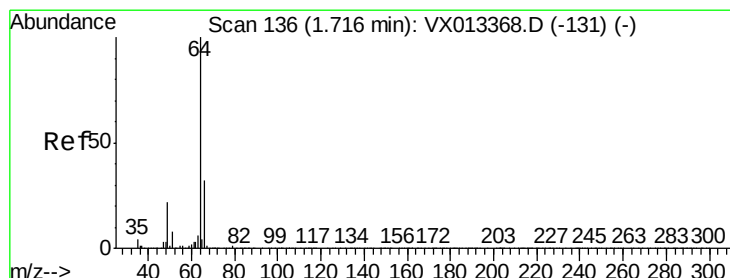
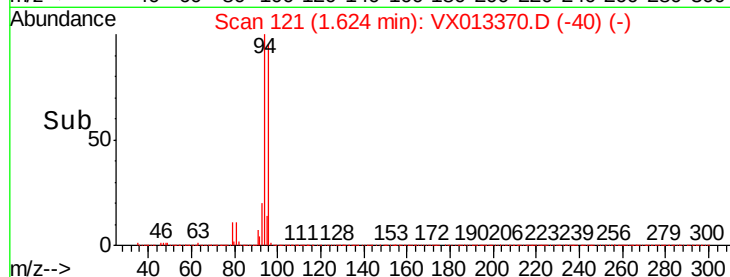
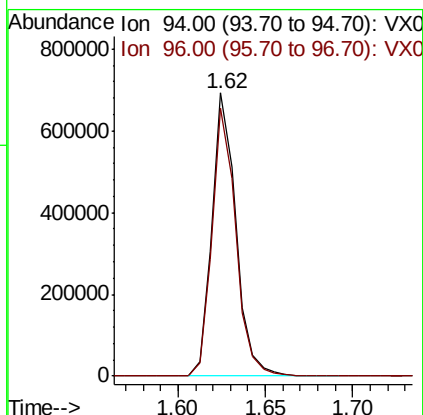
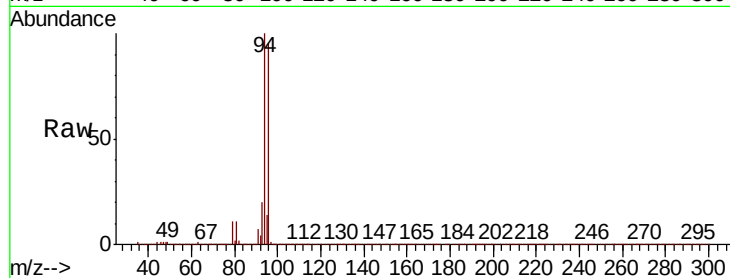
VSTDIC100

Tot Ion: 94 Resp: 657560

Ion Ratio Lower Upper

94 100

96 94.7 75.7 113.5



#6

Chloroethane

Concen: 121.443 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013370.D

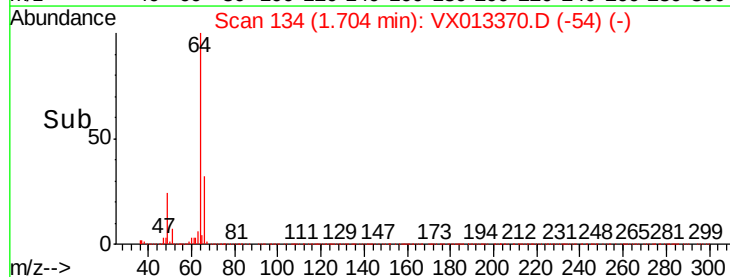
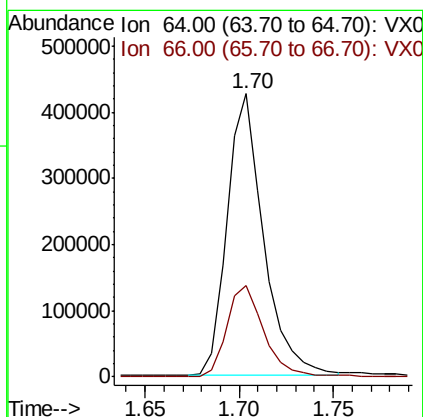
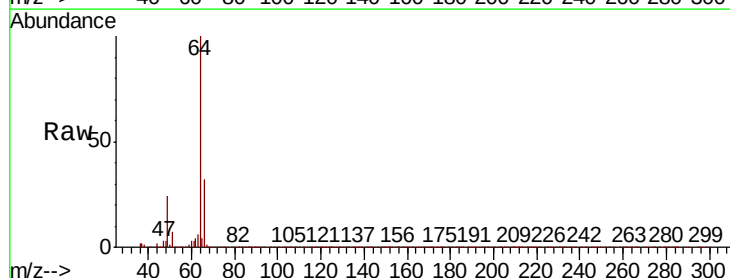
Acq: 11 Nov 2019 17:39

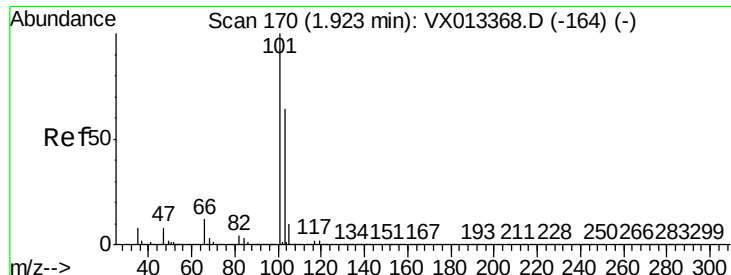
Tgt Ion: 64 Resp: 569472

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



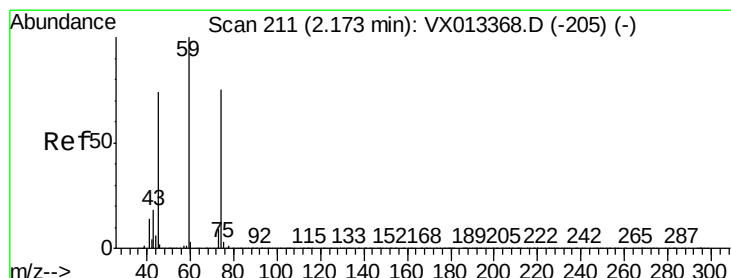
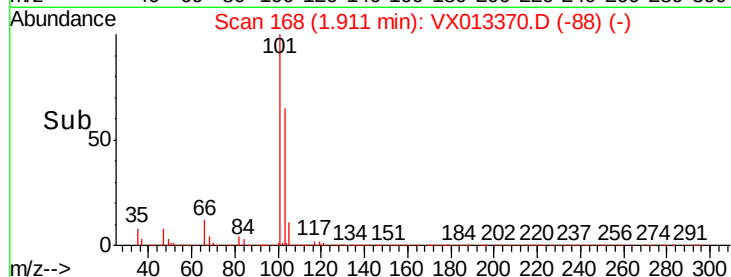
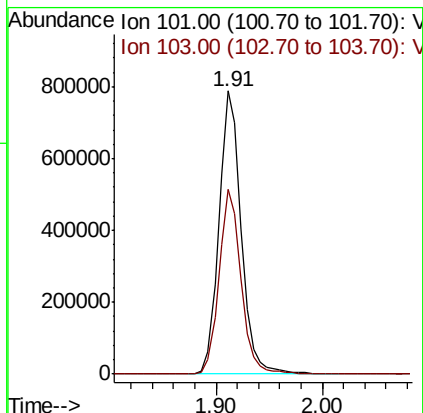
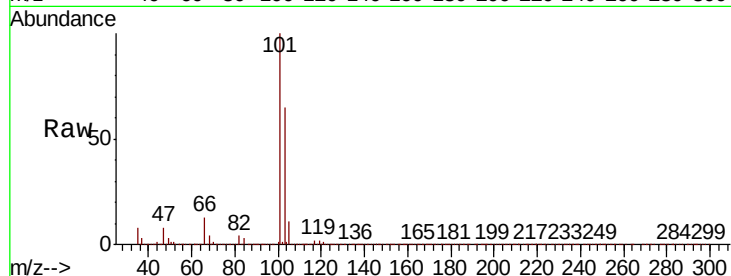


#7

Trichlorofluoromethane
Concen: 101.522 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

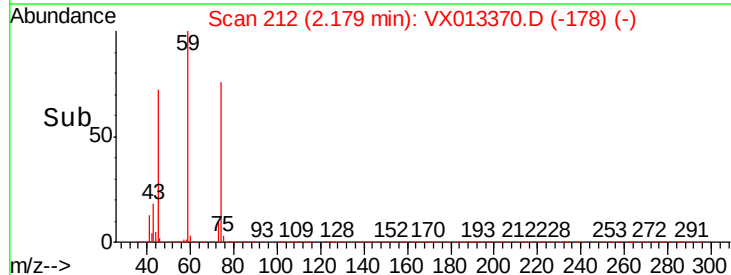
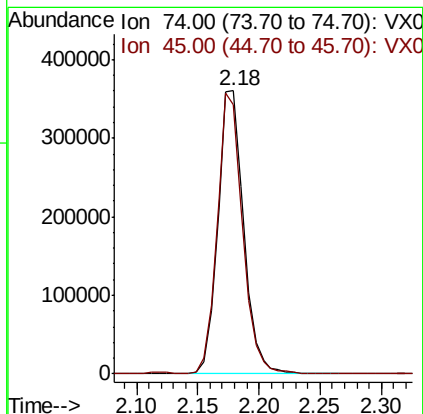
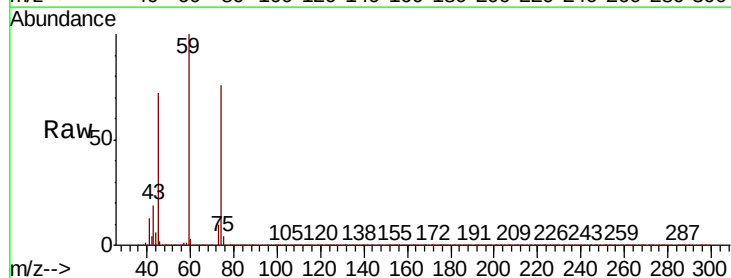
Tot Ion:101 Resp: 1141587
Ion Ratio Lower Upper
101 100
103 65.3 51.2 76.8

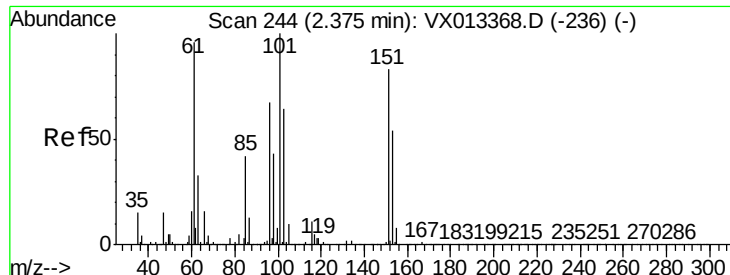


#8

Diethyl Ether
Concen: 129.557 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 74 Resp: 528562
Ion Ratio Lower Upper
74 100
45 97.1 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.734 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

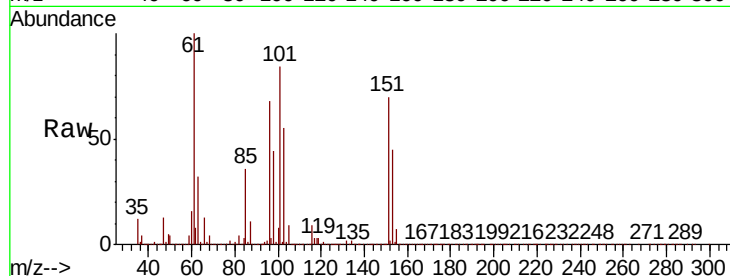
Tot Ion:101 Resp: 682606

Ion Ratio Lower Upper

101 100

85 42.7 0.0 83.2

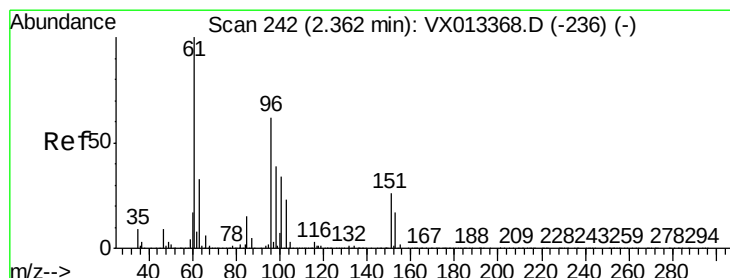
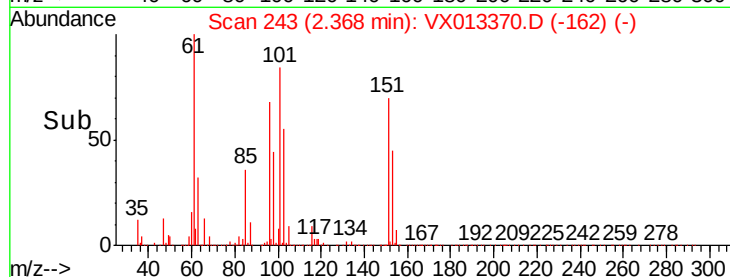
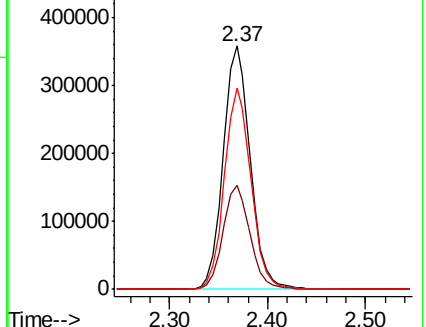
151 82.2 0.0 163.8



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: 108.120 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

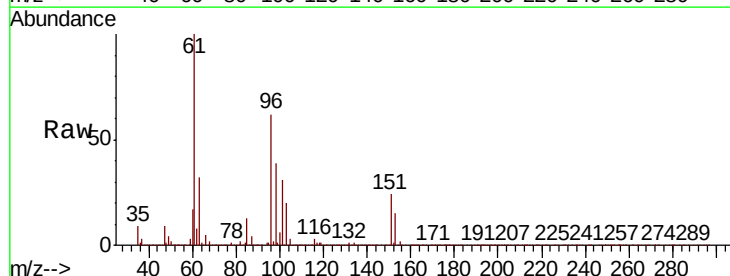
Tgt Ion: 96 Resp: 724394

Ion Ratio Lower Upper

96 100

61 161.2 128.9 193.3

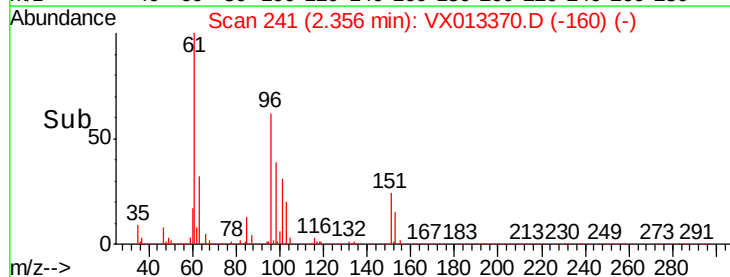
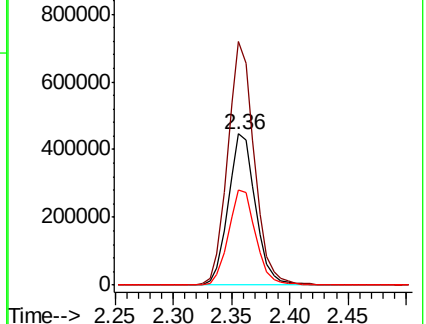
98 63.3 49.7 74.5

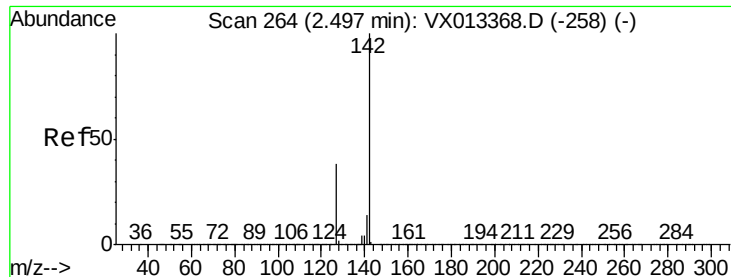


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

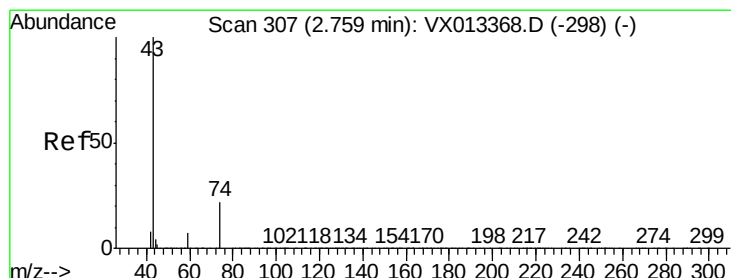
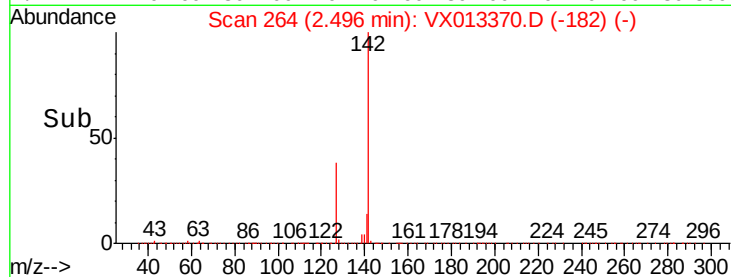
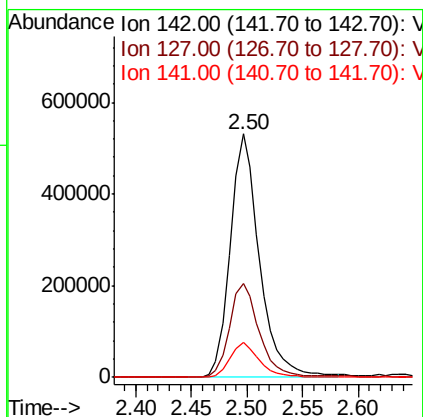
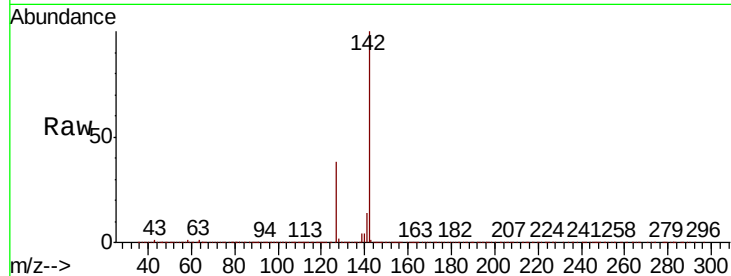




#11
Methvl Iodide
Concen: 112.202 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

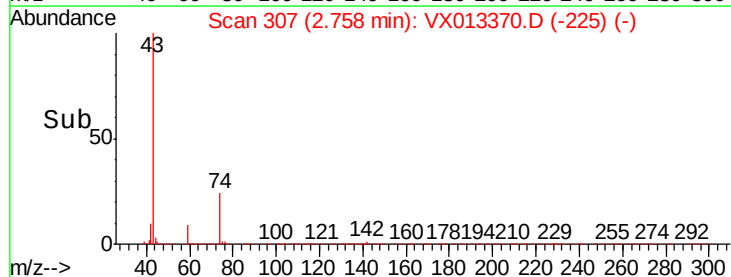
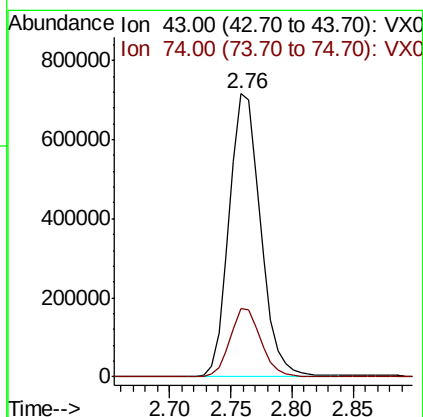
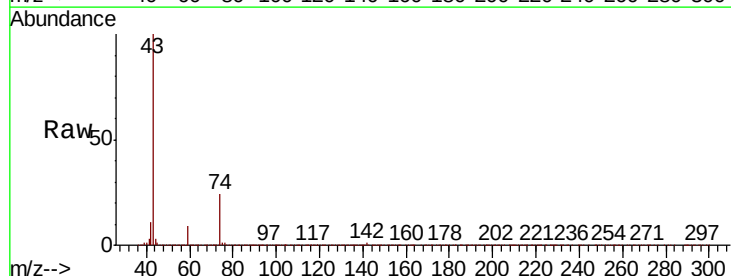
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

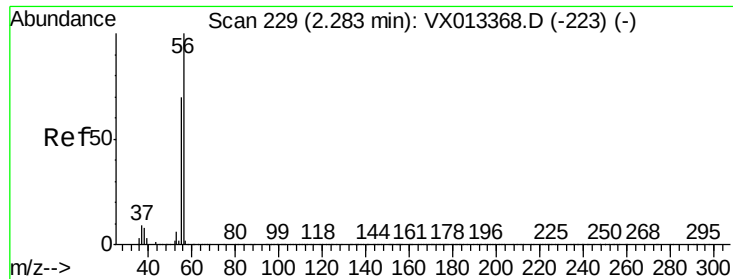
Tot Ion:142 Resp: 961205
Ion Ratio Lower Upper
142 100
127 38.4 19.1 57.5
141 14.1 7.0 21.0



#12
Methyl Acetate
Concen: 138.536 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 43 Resp: 1275390
Ion Ratio Lower Upper
43 100
74 23.8 18.0 27.0

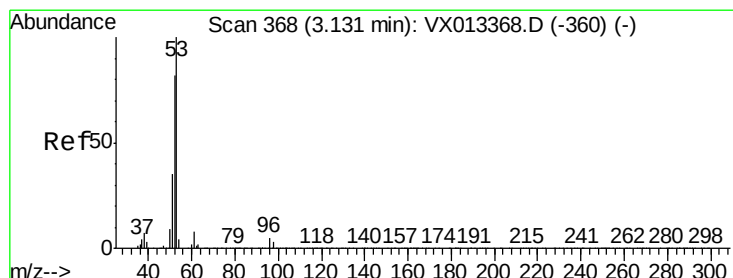
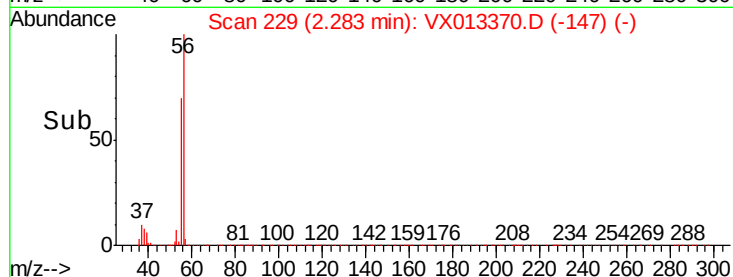
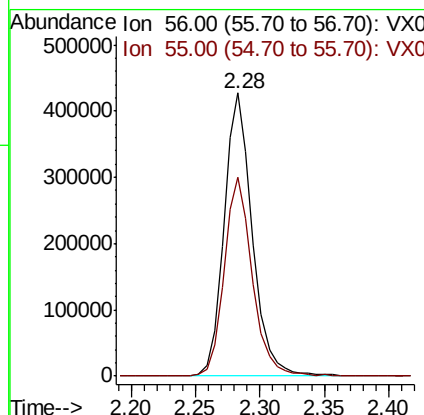
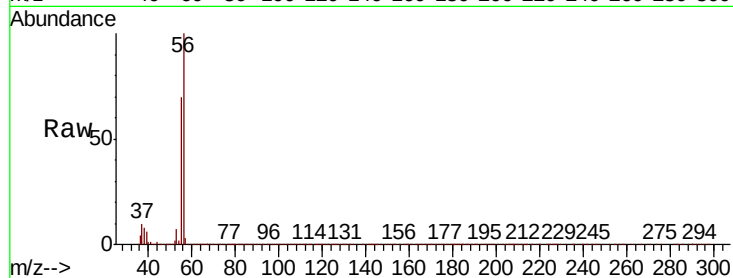




#13
Acrolein
Concen: 518.513 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

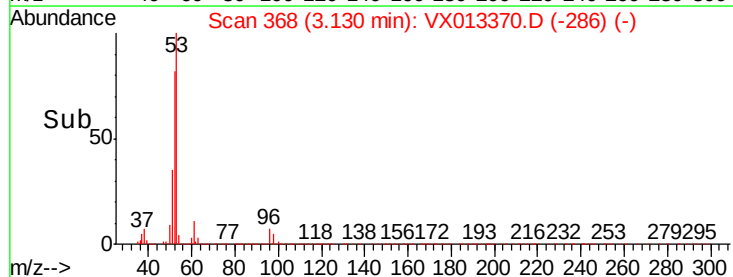
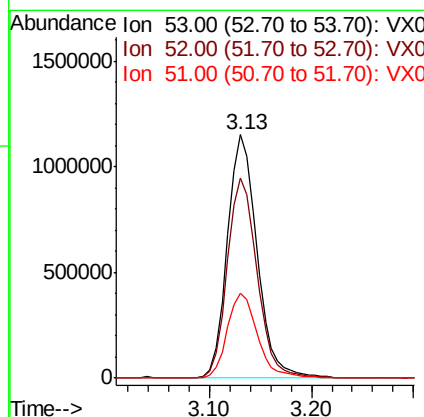
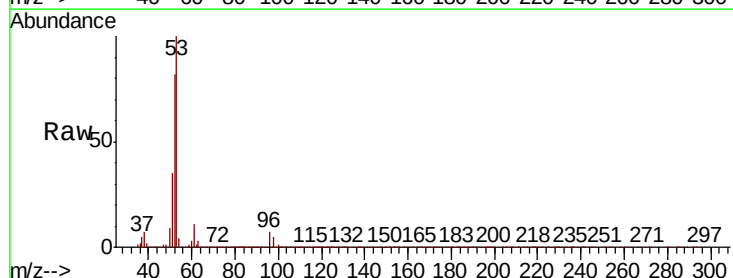
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

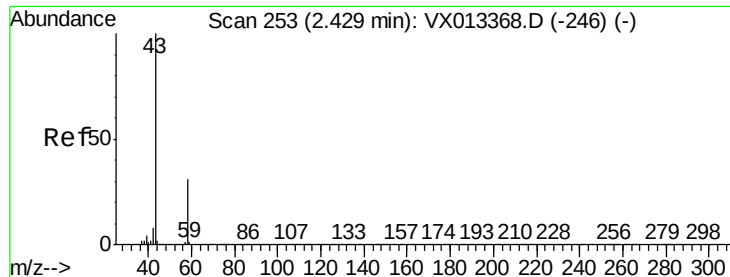
Tot Ion: 56 Resp: 655484
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.8



#14
Acrylonitrile
Concen: 622.493 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 53 Resp: 2322667
Ion Ratio Lower Upper
53 100
52 82.8 41.0 123.0
51 35.6 17.3 51.9

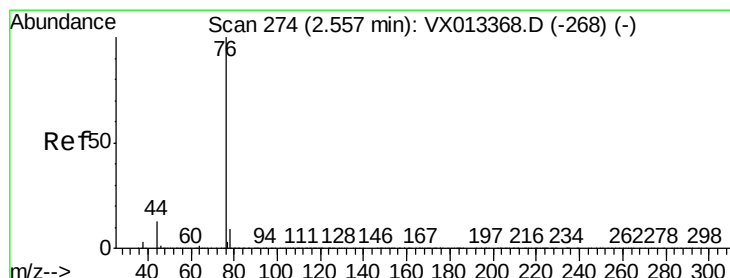
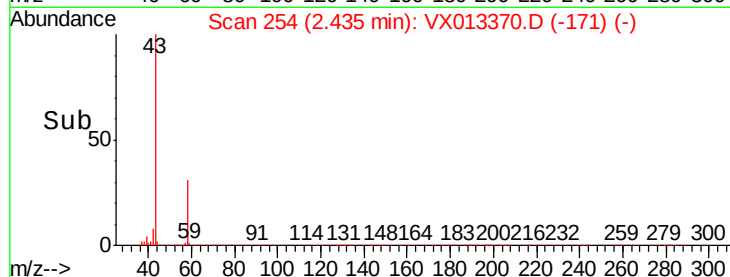
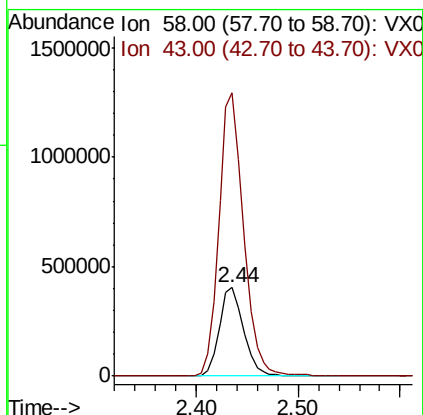
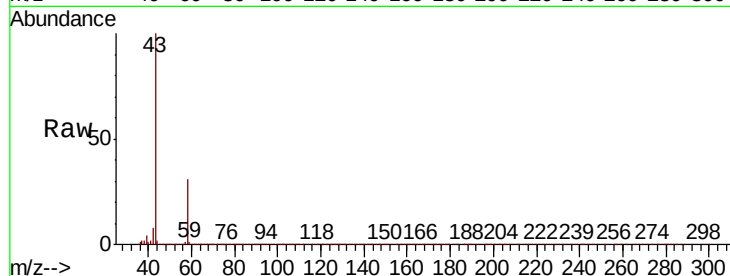




#15
Acetone
Concen: 547.291 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

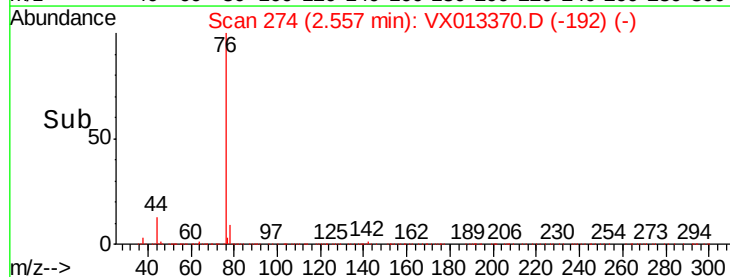
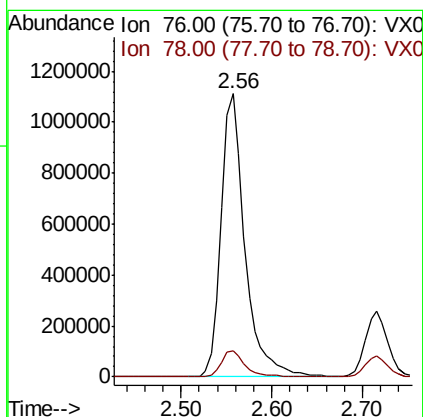
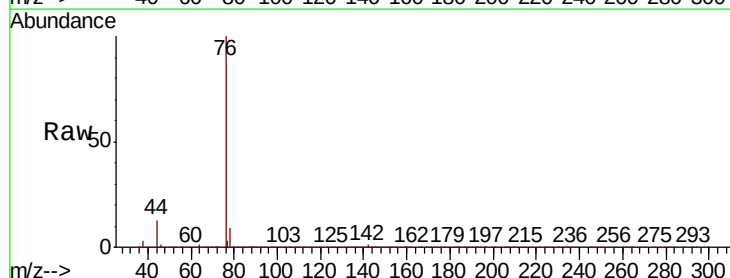
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

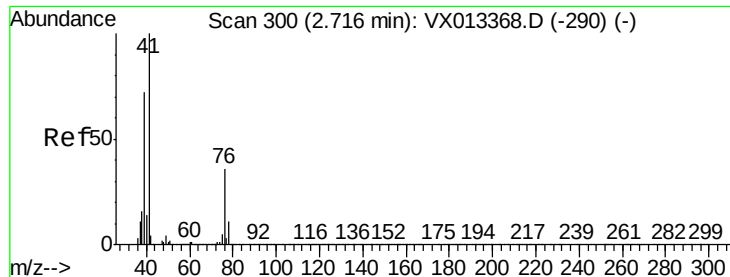
Tot Ion: 58 Resp: 673398
Ion Ratio Lower Upper
58 100
43 319.6 261.4 392.2



#16
Carbon Disulfide
Concen: 113.075 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 76 Resp: 2043077
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

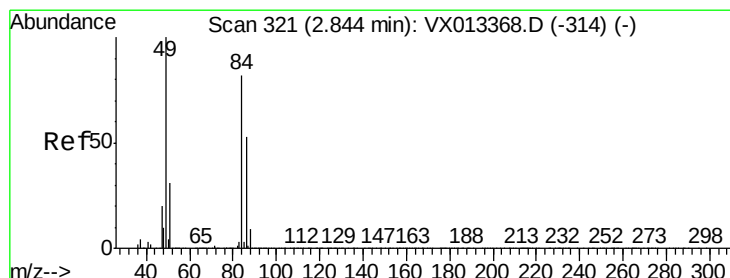
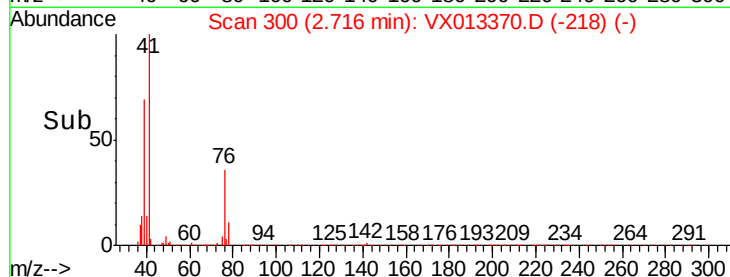
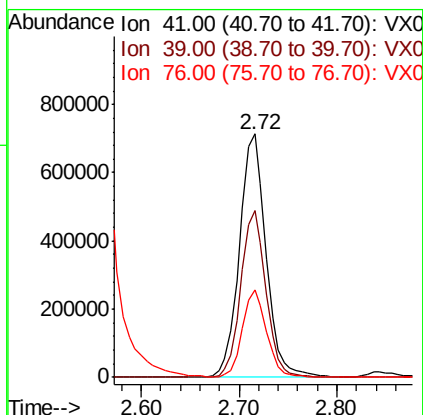
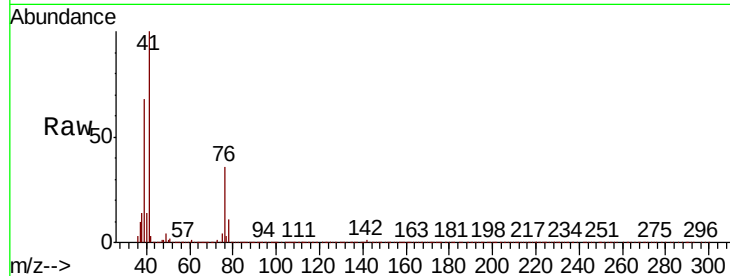




#17
Allvl chloride
Concen: 122.766 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

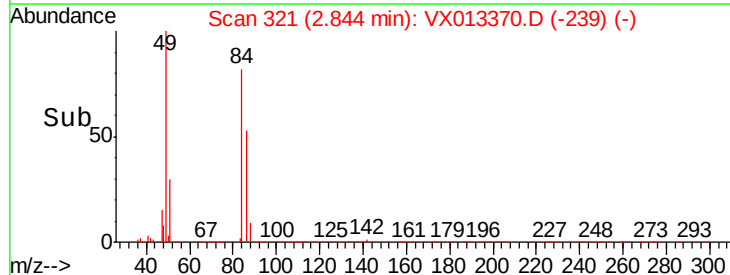
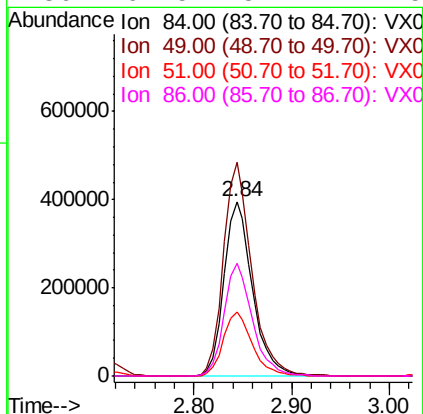
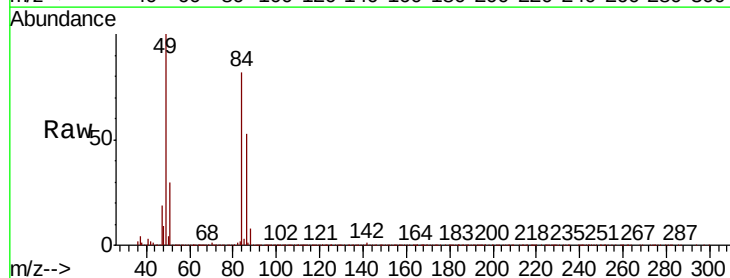
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

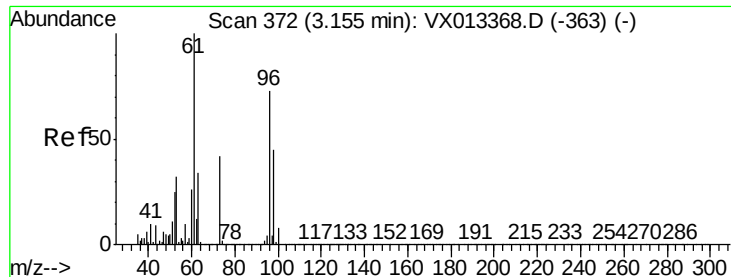
Tot Ion: 41 Resp: 1348168
Ion Ratio Lower Upper
41 100
39 68.4 36.1 108.3
76 36.0 18.1 54.4



#18
Methylene Chloride
Concen: 103.408 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 84 Resp: 798348
Ion Ratio Lower Upper
84 100
49 122.4 96.8 145.2
51 36.8 30.0 45.0
86 64.5 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 107.967 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

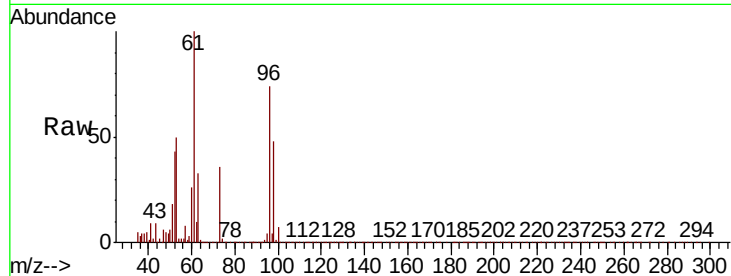
Tot Ion: 96 Resp: 767101

Ion Ratio Lower Upper

96 100

61 135.7 109.9 164.9

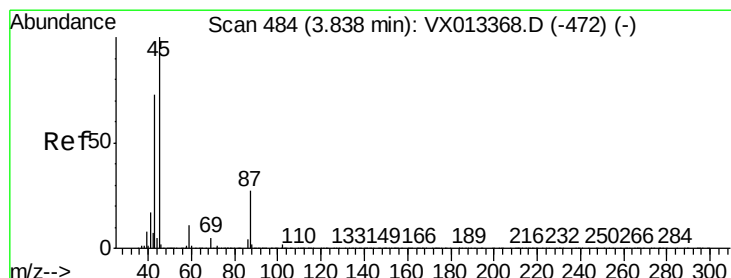
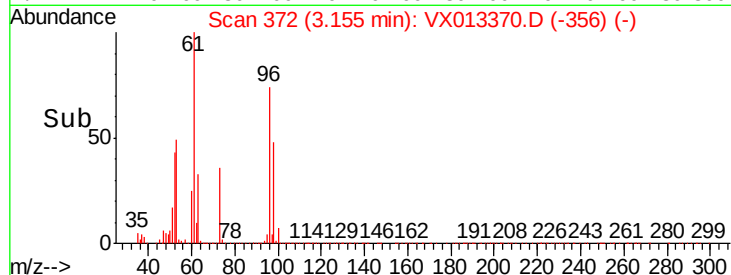
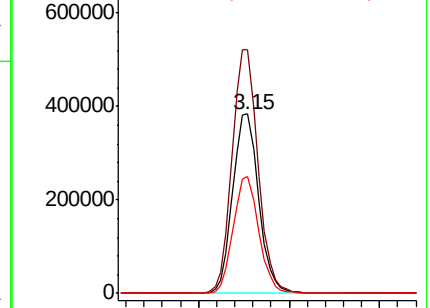
98 65.4 49.7 74.5



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



#20

Diisopropyl ether

Concen: 119.792 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Tgt Ion: 45 Resp: 2529685

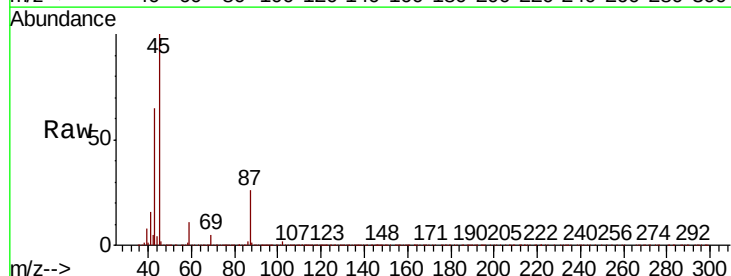
Ion Ratio Lower Upper

45 100

43 64.0 67.7 101.5#

87 25.7 21.5 32.3

59 11.2 8.5 12.7

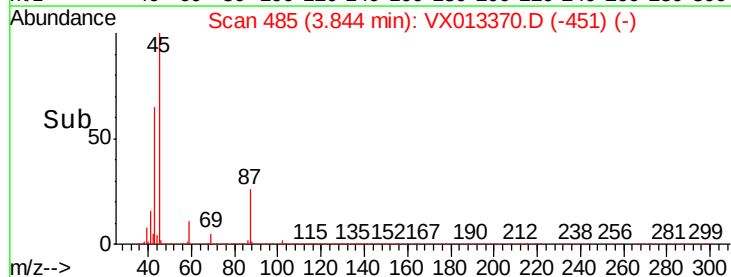
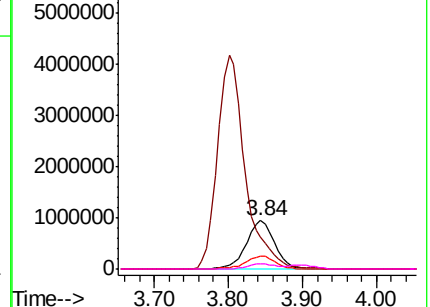


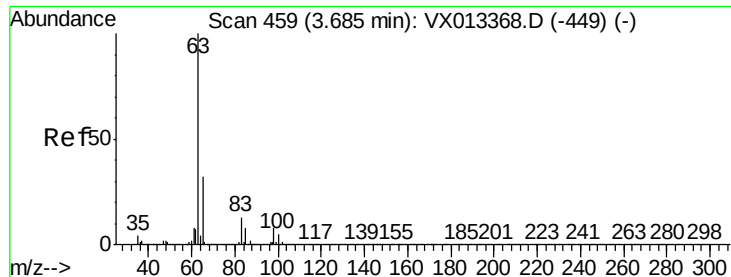
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 110.744 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

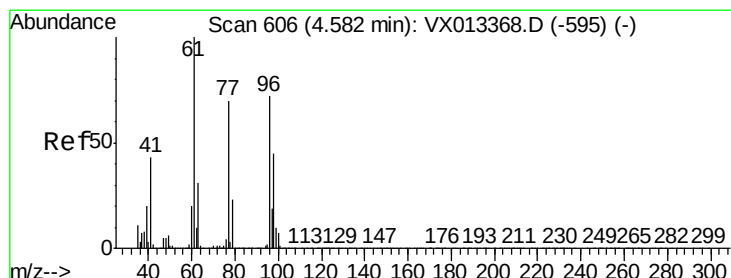
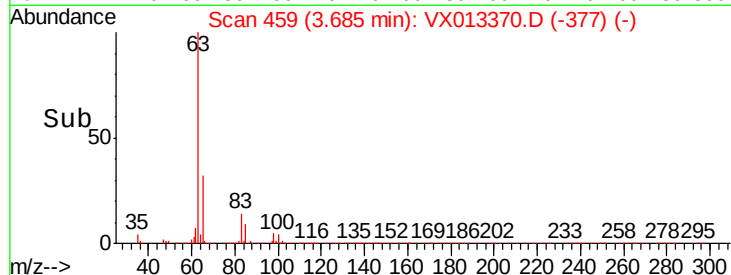
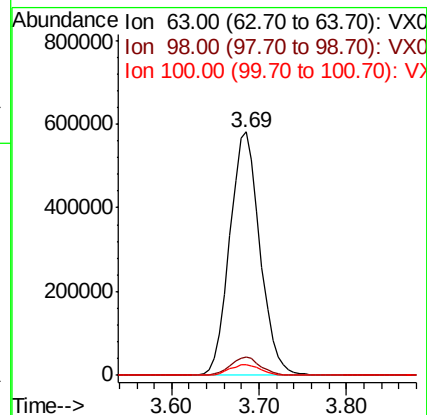
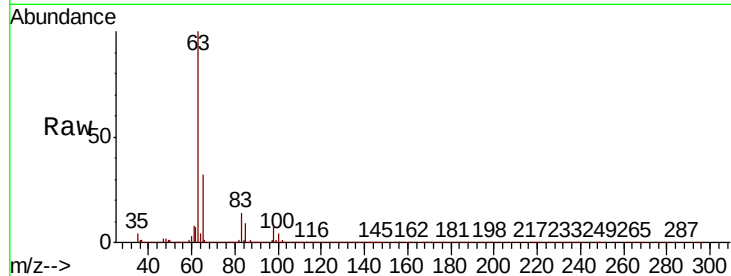
Tot Ion: 63 Resp: 1393272

Ion Ratio Lower Upper

63 100

98 7.3 4.0 11.9

100 4.3 2.5 7.5



#22

cis-1,2-Dichloroethene

Concen: 108.957 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

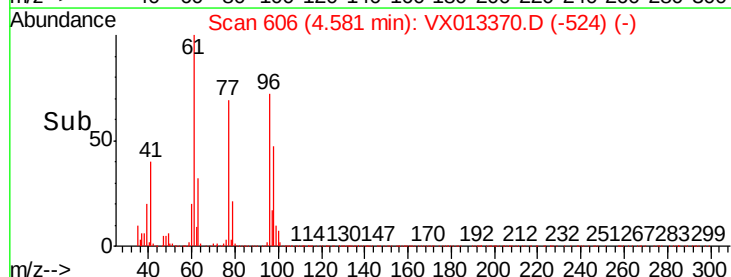
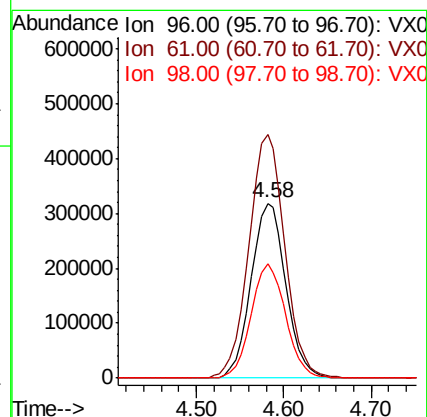
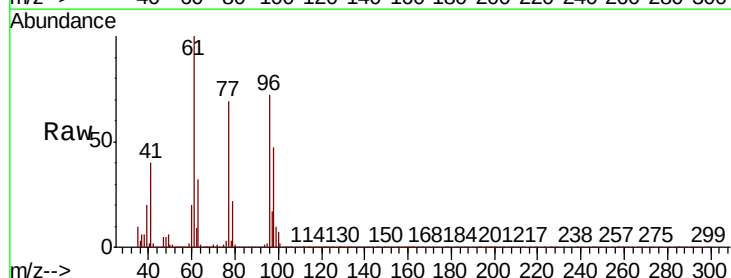
Tgt Ion: 96 Resp: 881075

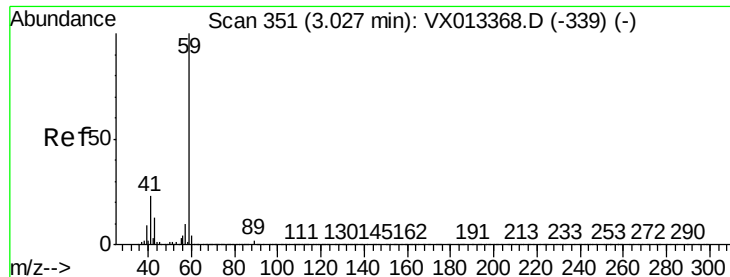
Ion Ratio Lower Upper

96 100

61 143.5 117.0 175.6

98 64.5 51.1 76.7



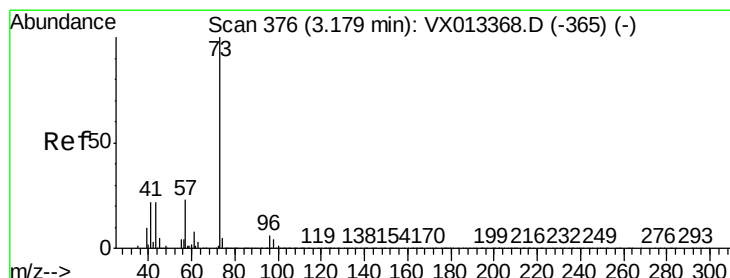
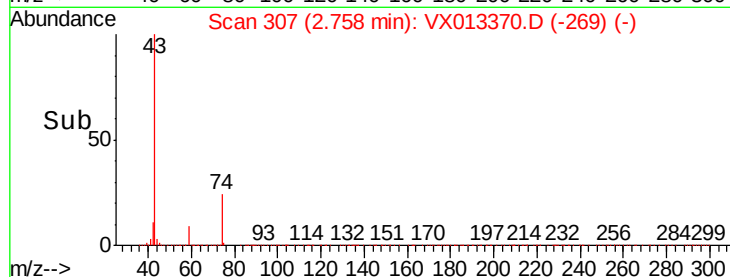
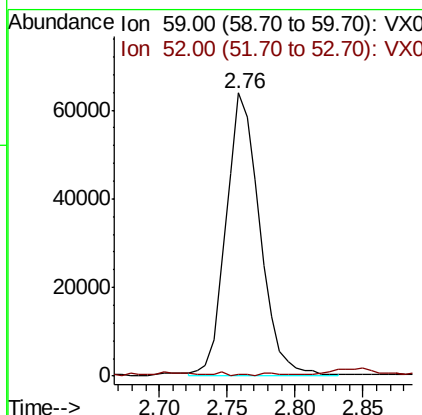
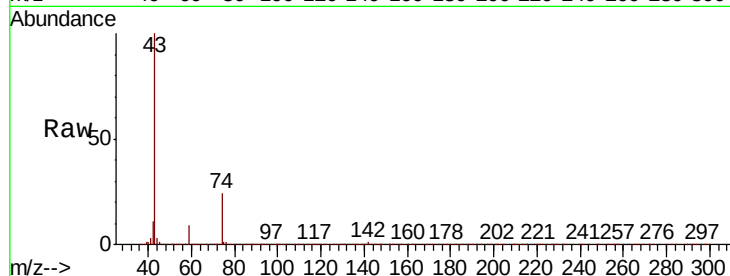


#23

tert-Butyl Alcohol
 Concen: 57.121 ug/l
 RT: 2.76 min Scan# 307
 Delta R.T. -0.27 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

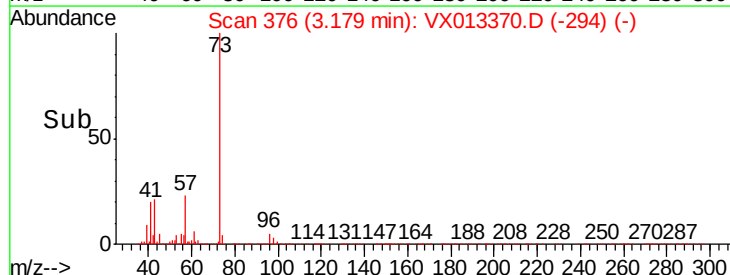
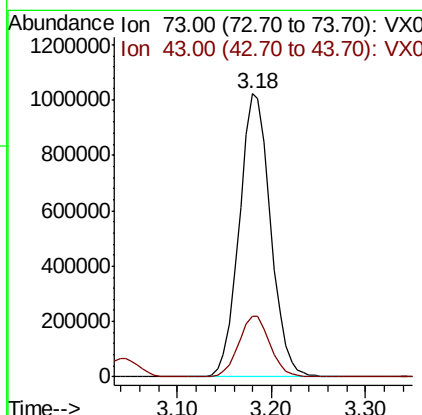
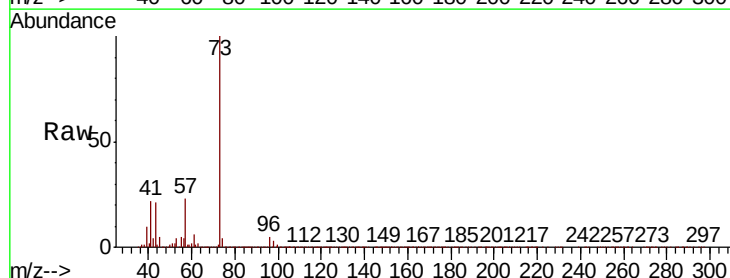
Tot Ion: 59 Resp: 109266
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1

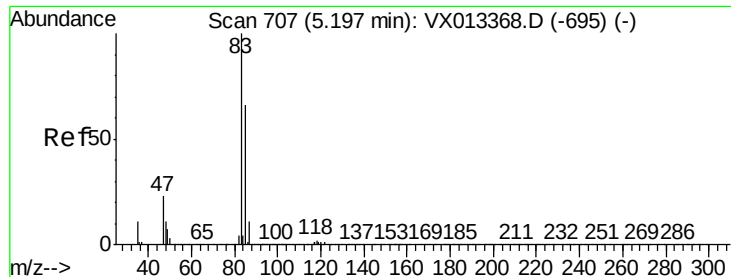


#24

Methyl tert-Butyl Ether
 Concen: 103.363 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Tgt Ion: 73 Resp: 2375787
 Ion Ratio Lower Upper
 73 100
 43 21.5 17.0 25.6





#25

Chloroform

Concen: 102.472 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

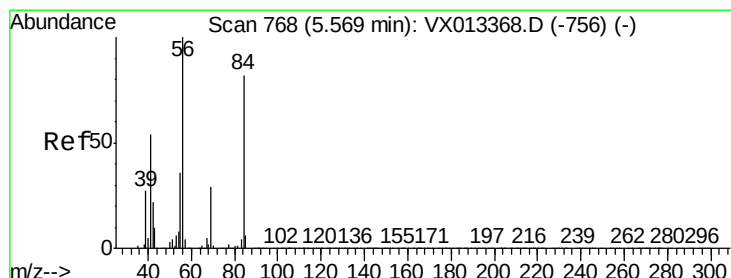
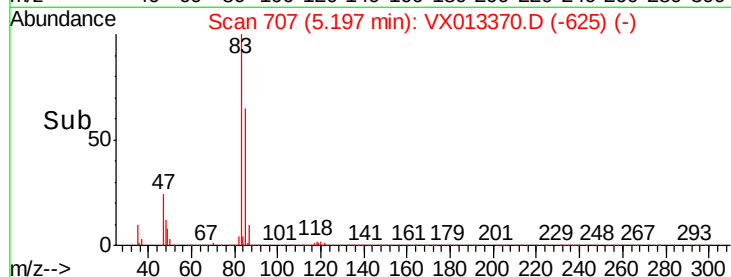
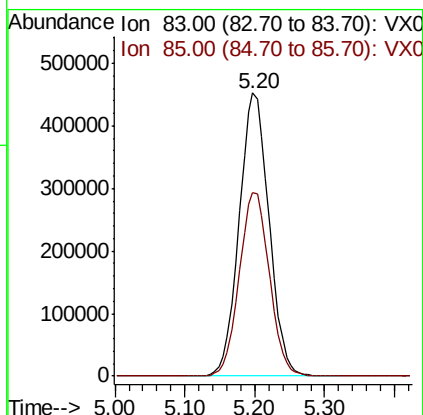
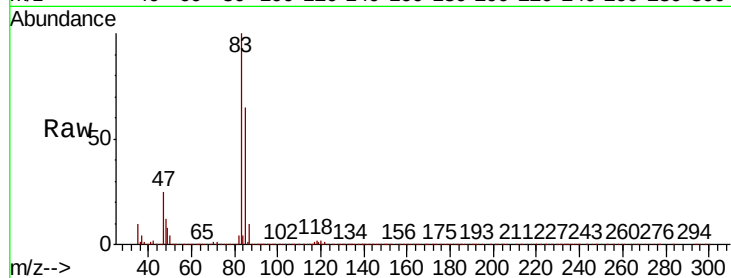
VSTDIC100

Tot Ion: 83 Resp: 1337268

Ion Ratio Lower Upper

83 100

85 64.8 52.4 78.6



#26

Cyclohexane

Concen: 112.355 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

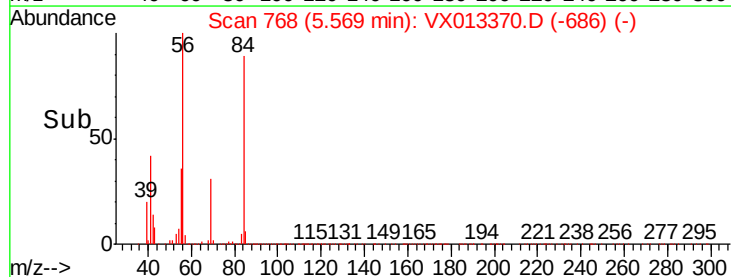
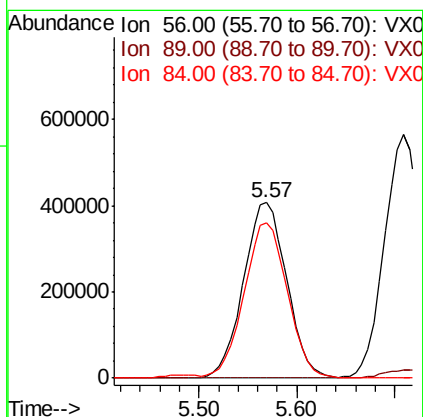
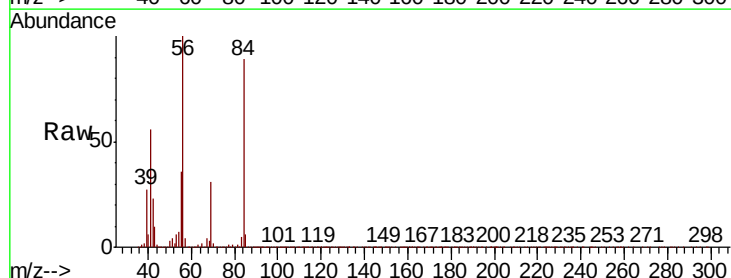
Tgt Ion: 56 Resp: 1248652

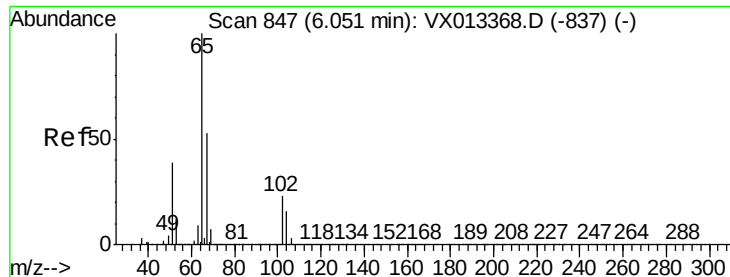
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 88.8 70.5 105.7

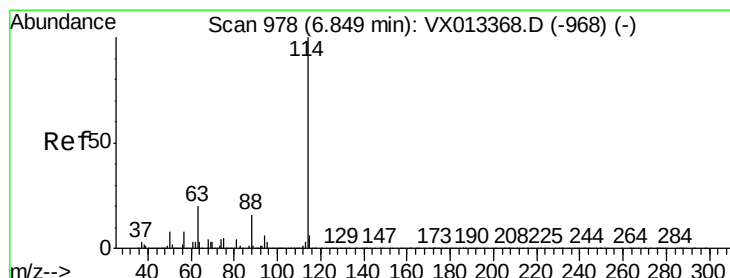
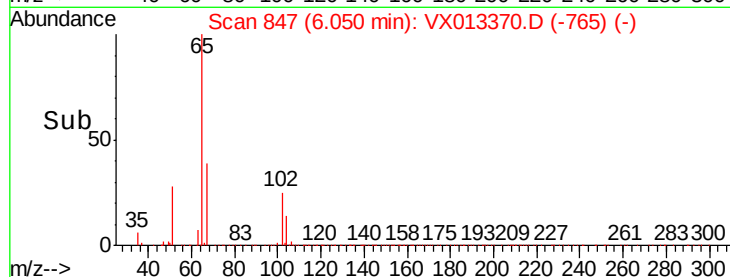
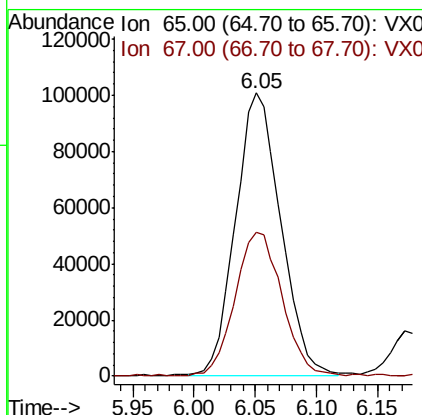
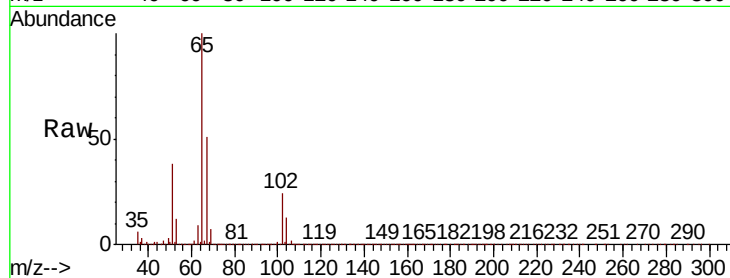




#27
 1,2-Dichloroethane-d4
 Concen: 30.194 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

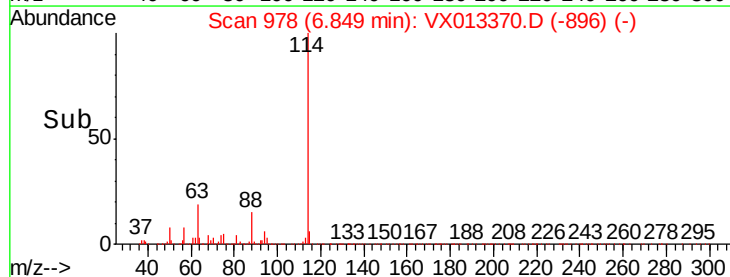
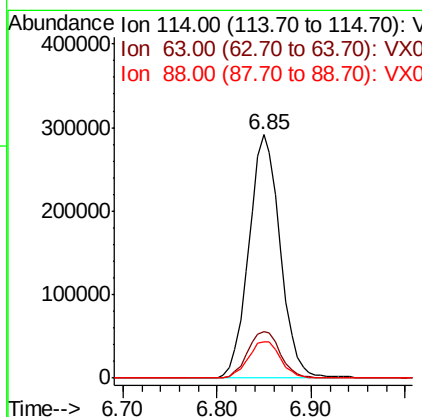
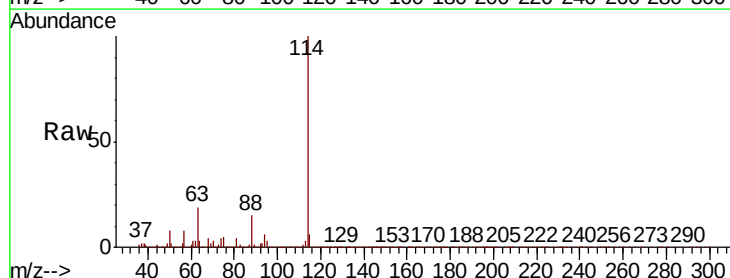
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

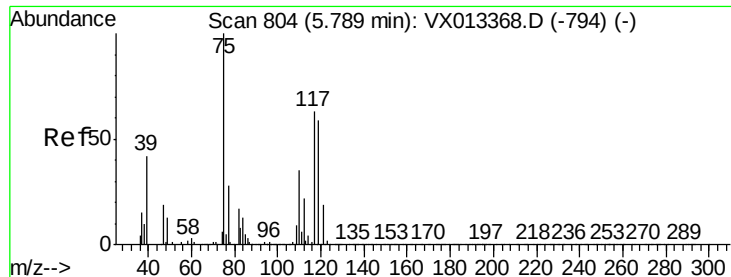
Tot Ion: 65 Resp: 257515
 Ion Ratio Lower Upper
 65 100
 67 52.2 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Tgt Ion: 114 Resp: 677049
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.1 24.1
 88 15.6 12.3 18.5





#29

1,1-Dichloropropene

Concen: 100.001 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

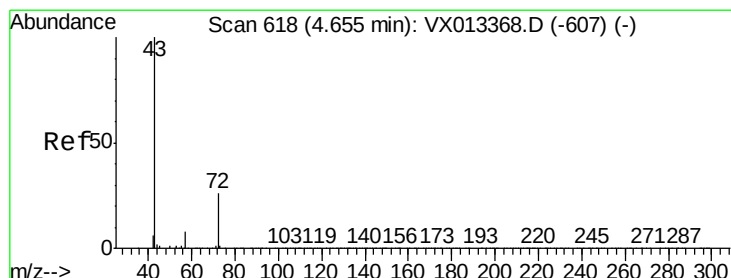
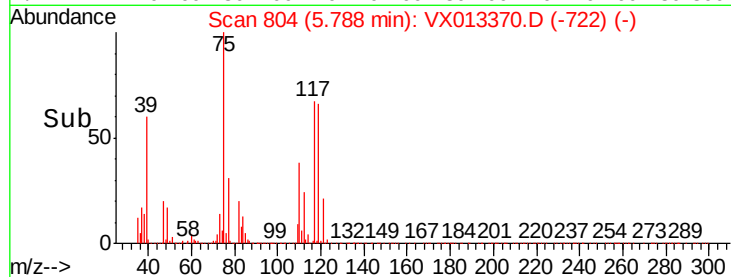
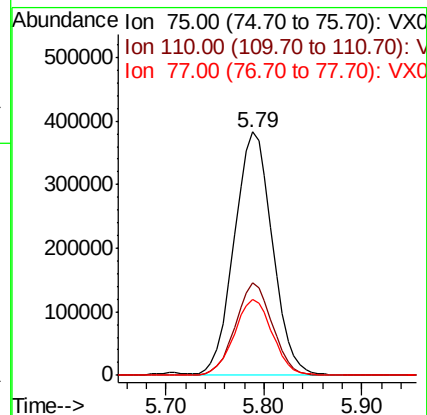
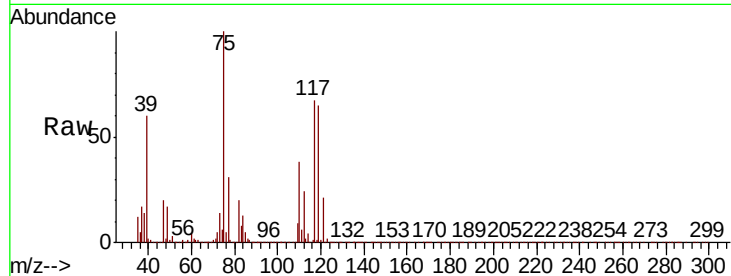
Tot Ion: 75 Resp: 1031568

Ion Ratio Lower Upper

75 100

110 37.0 0.0 74.6

77 31.2 0.0 62.6



#30

2-Butanone

Concen: 593.676 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

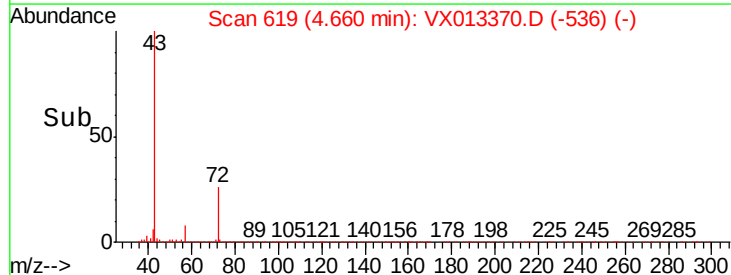
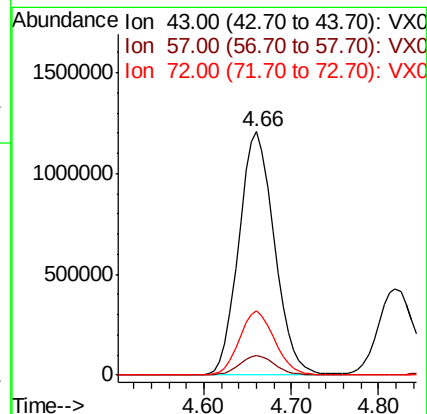
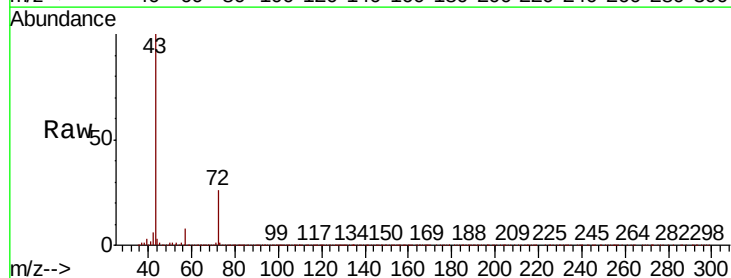
Tgt Ion: 43 Resp: 3406946

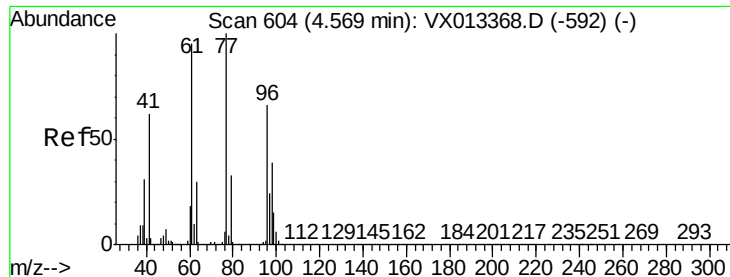
Ion Ratio Lower Upper

43 100

57 8.0 6.1 9.1

72 26.0 20.5 30.7





#31

2,2-Dichloropropane

Concen: 94.906 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

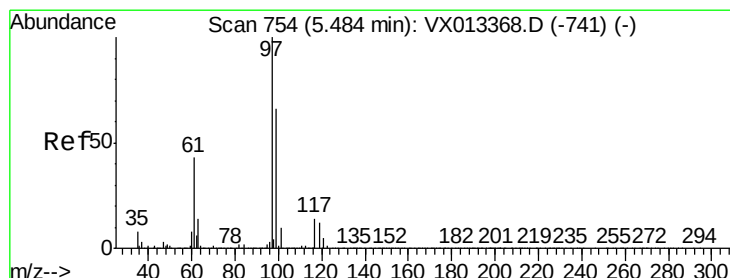
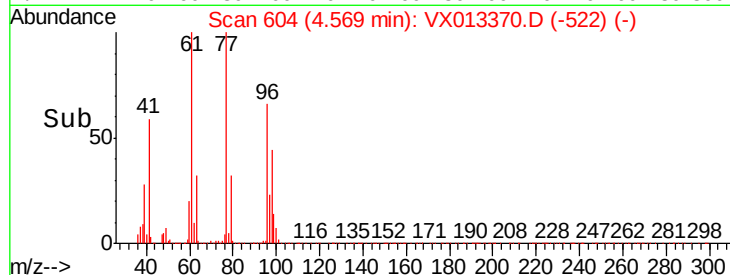
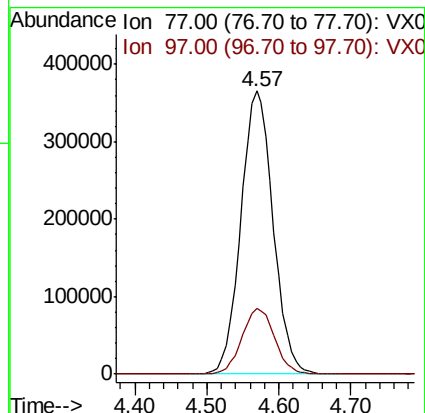
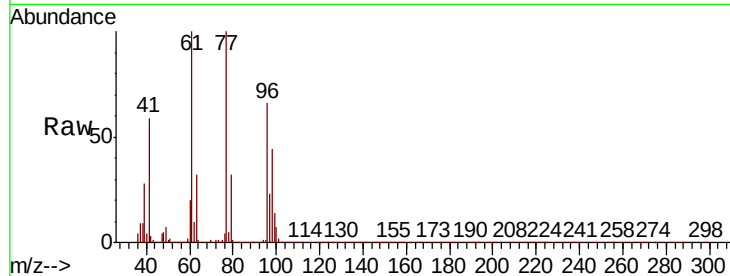
VSTDIC100

Tot Ion: 77 Resp: 1129465

Ion Ratio Lower Upper

77 100

97 23.8 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 93.384 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

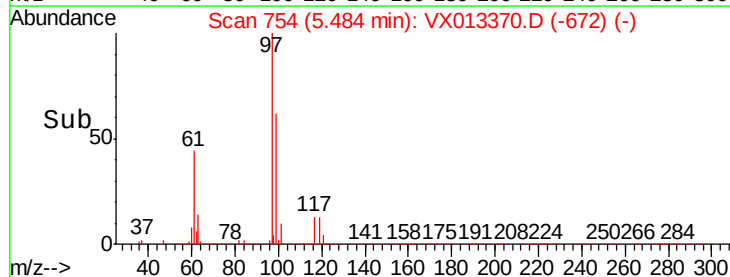
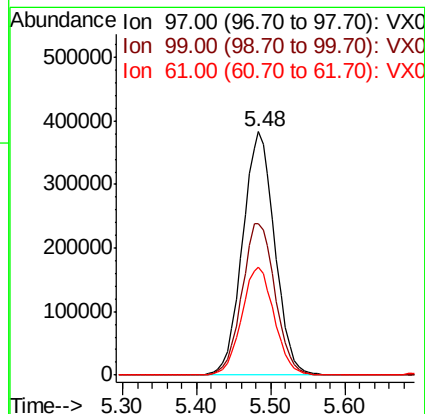
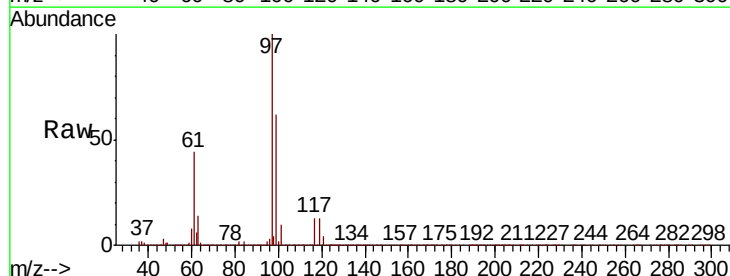
Tgt Ion: 97 Resp: 1156852

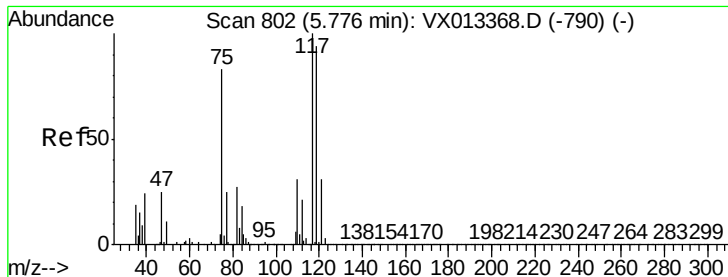
Ion Ratio Lower Upper

97 100

99 64.4 52.5 78.7

61 44.9 36.1 54.1





#33

Carbon Tetrachloride

Concen: 95.111 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

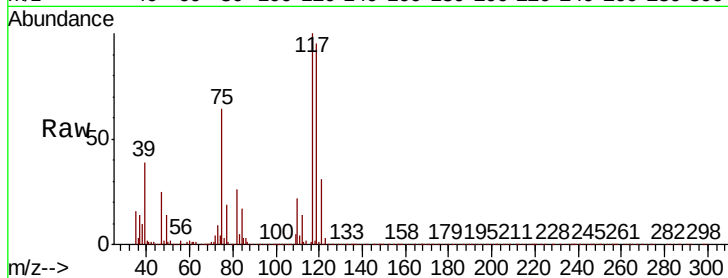
Tot Ion:117 Resp: 1016869

Ion Ratio Lower Upper

117 100

119 94.8 75.0 112.6

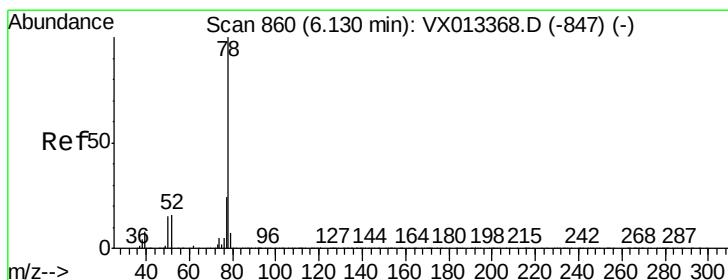
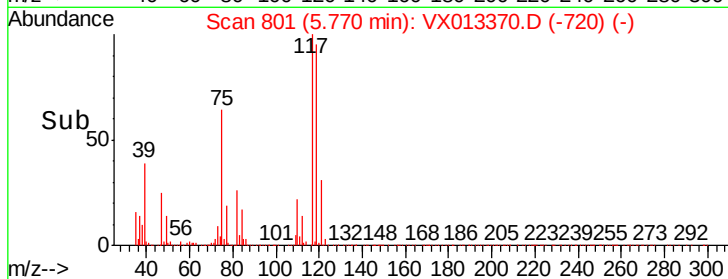
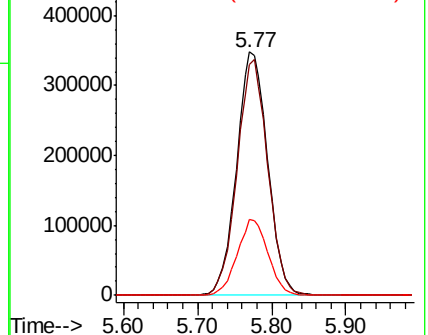
121 31.1 24.9 37.3



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: 104.383 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

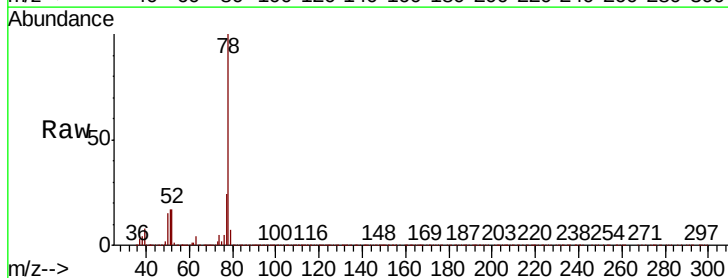
Tgt Ion: 78 Resp: 3147725

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

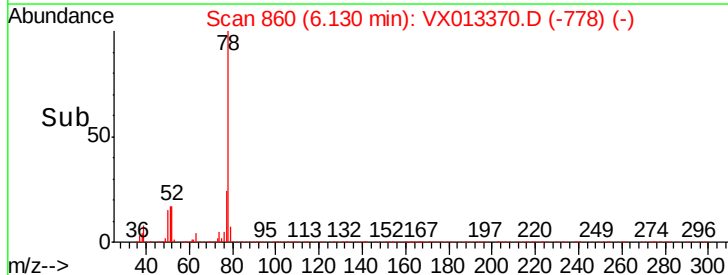
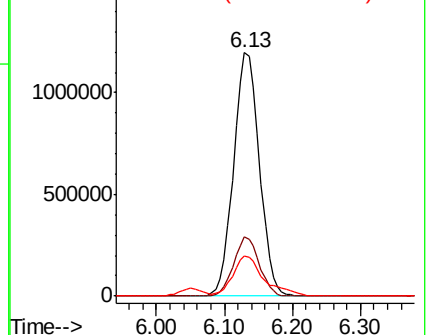
51 16.6 12.2 18.4

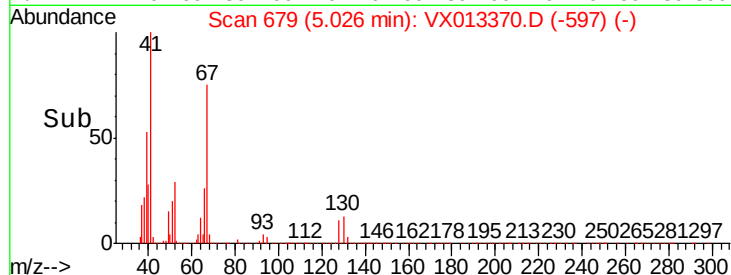
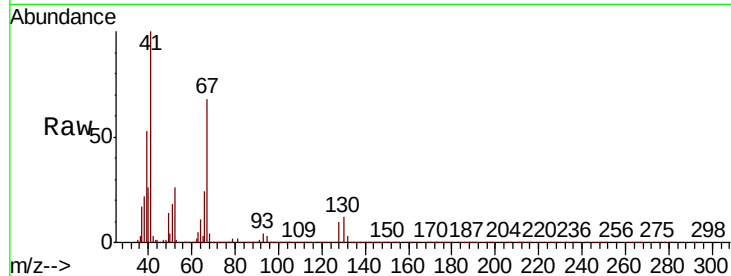
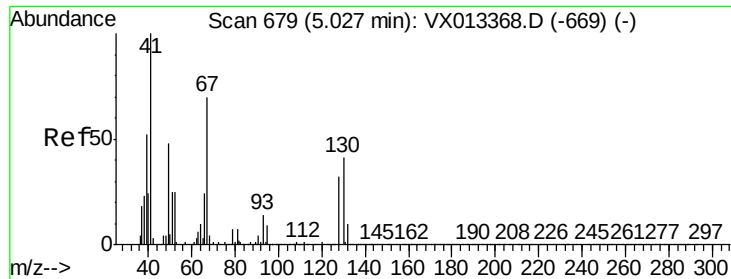


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

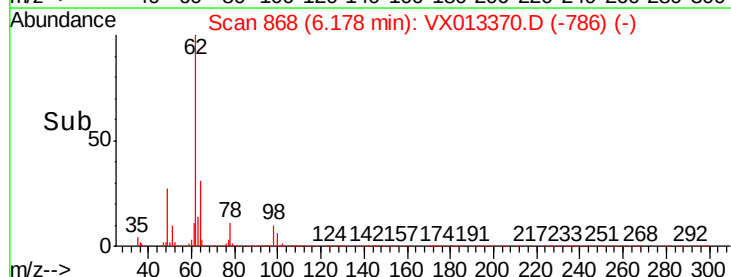
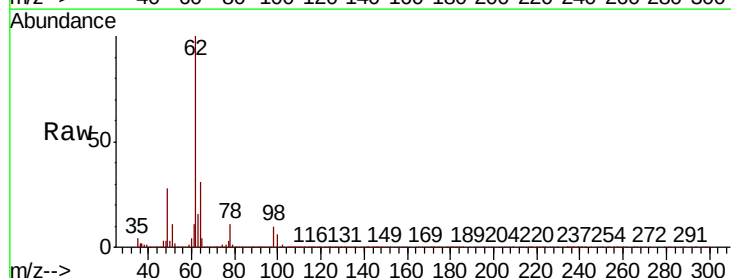
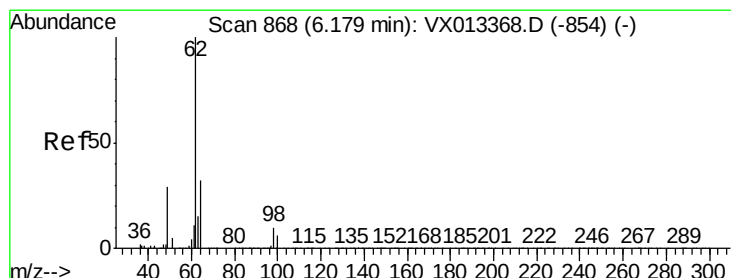
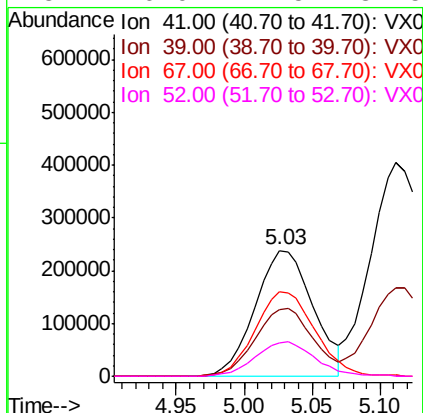




#35
Methacrylonitrile
Concen: 120.749 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

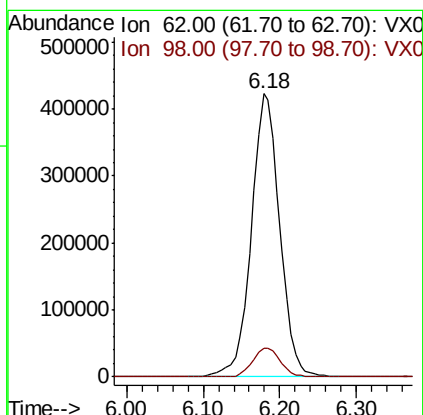
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

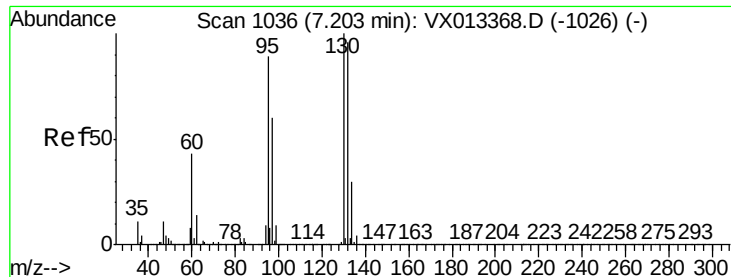
Tot Ion:	41	Resp:	705949
Ion	Ratio	Lower	Upper
41	100		
39	52.6	25.9	77.8
67	67.6	35.1	105.5
52	26.0	12.5	37.5



#36
1,2-Dichloroethane
Concen: 96.997 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion:	62	Resp:	1090270
Ion	Ratio	Lower	Upper
62	100		
98	9.9	8.2	12.2





#37

Trichloroethene

Concen: 102.948 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

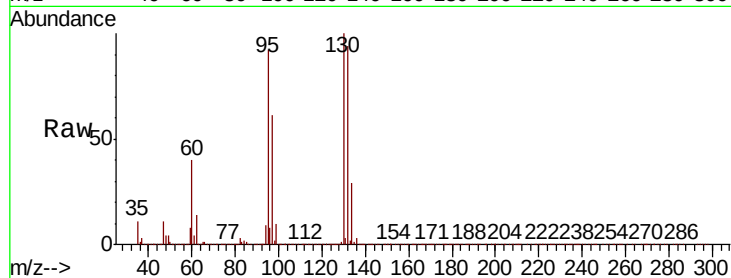
VSTDIC100

Tot Ion:130 Resp: 854344

Ion Ratio Lower Upper

130 100

95 92.2 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

400000

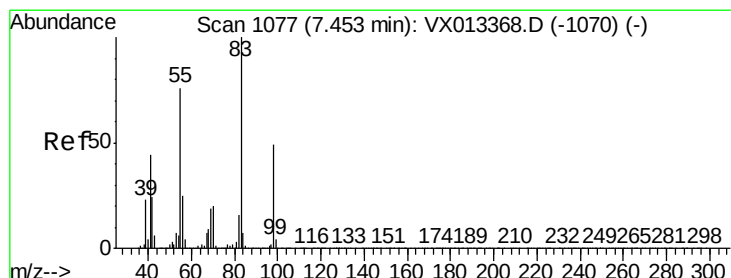
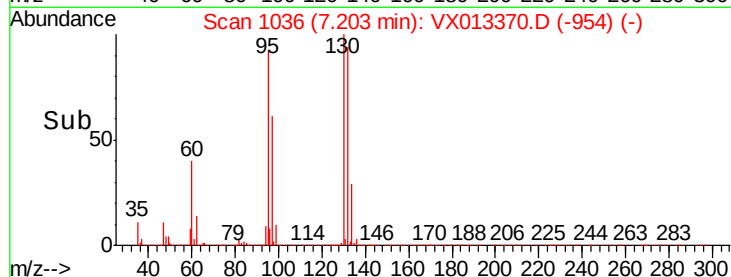
300000

200000

100000

0

Time-->



#38

Methylcyclohexane

Concen: 100.130 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

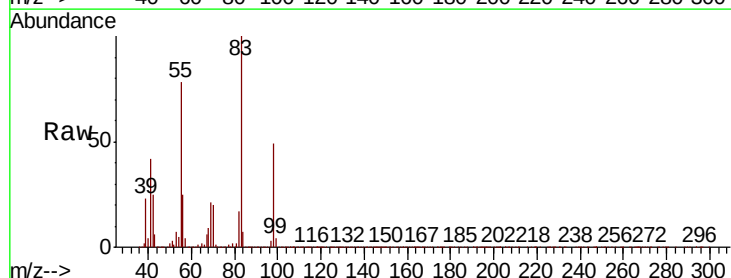
Tgt Ion: 83 Resp: 1273322

Ion Ratio Lower Upper

83 100

55 76.7 37.9 113.7

98 49.8 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

800000

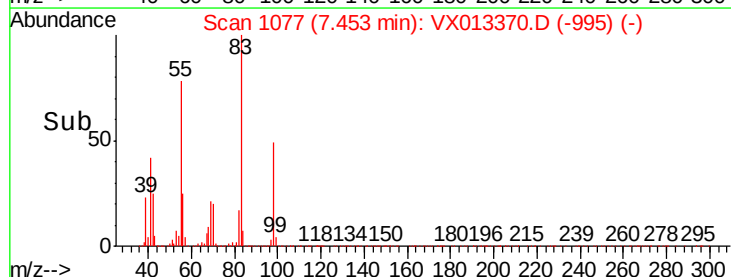
600000

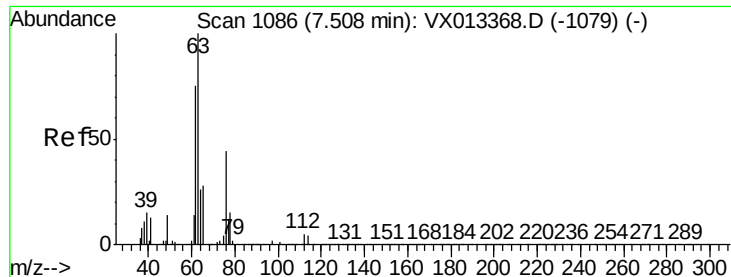
400000

200000

0

Time-->

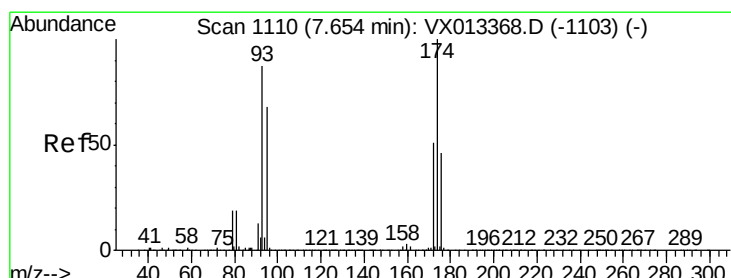
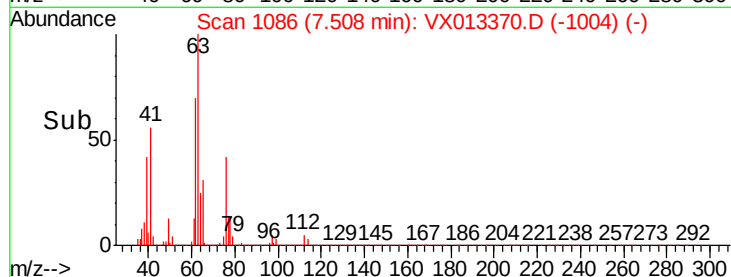
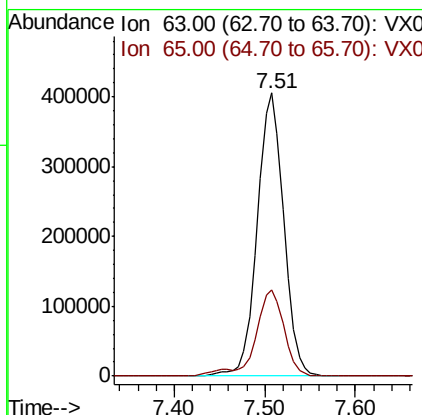
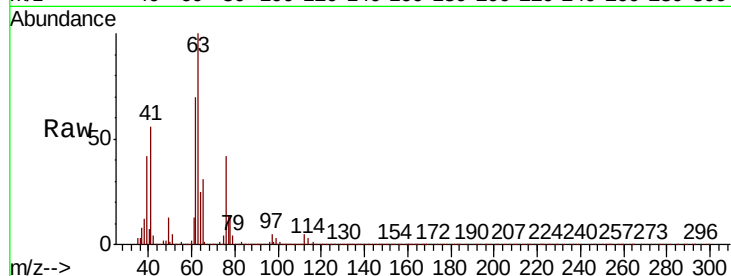




#39
 1,2-Dichloropropane
 Concen: 109.698 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

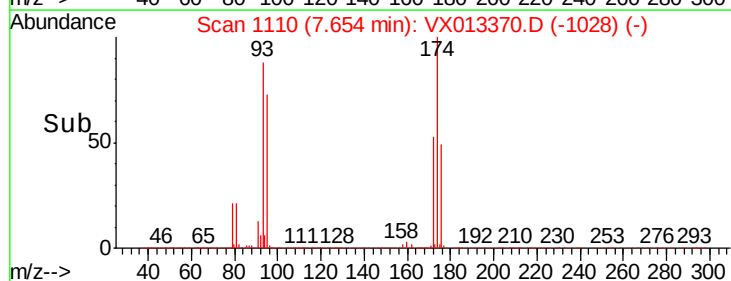
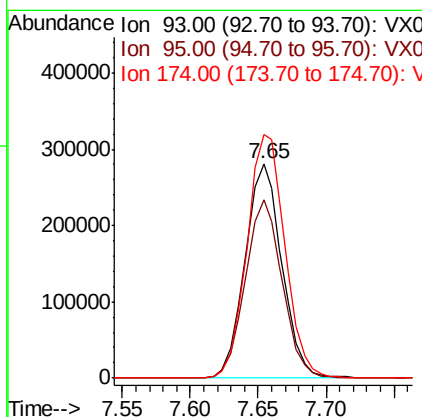
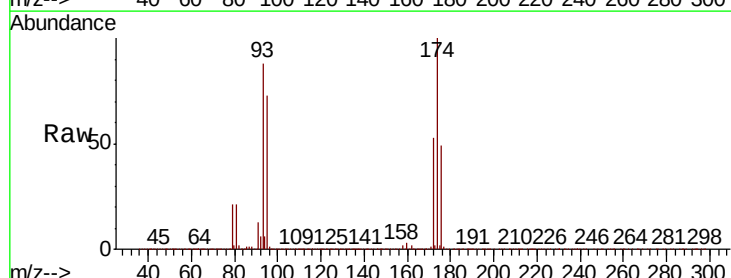
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

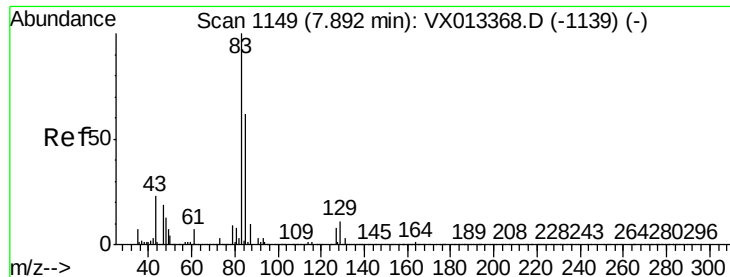
Tot Ion: 63 Resp: 819366
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.8



#40
 Dibromomethane
 Concen: 100.883 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Tgt Ion: 93 Resp: 531121
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 160.8
 174 117.5 0.0 228.8





#41

Bromodichloromethane

Concen: 101.807 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

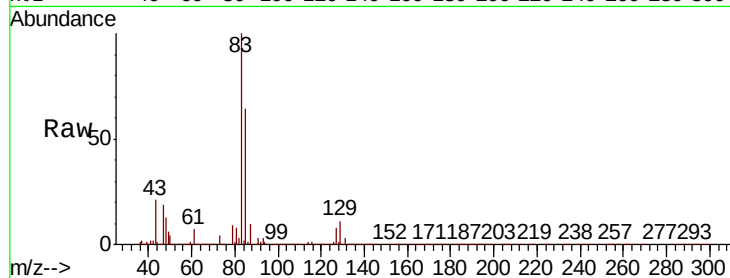
Tot Ion: 83 Resp: 1078322

Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.3	73.9
127	8.2	6.6	10.0

83 100

85 64.2 49.3 73.9

127 8.2 6.6 10.0

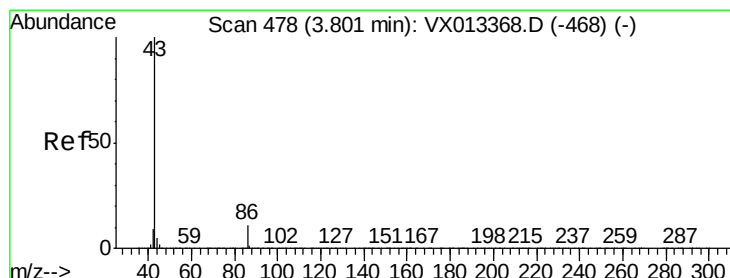
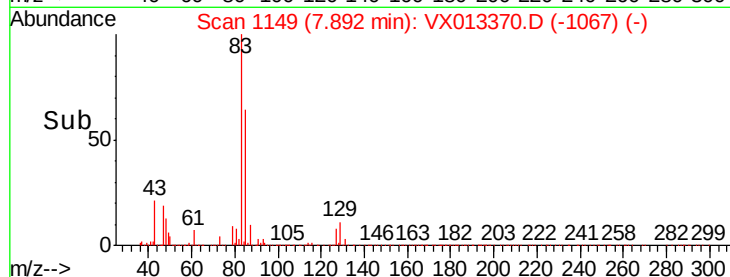
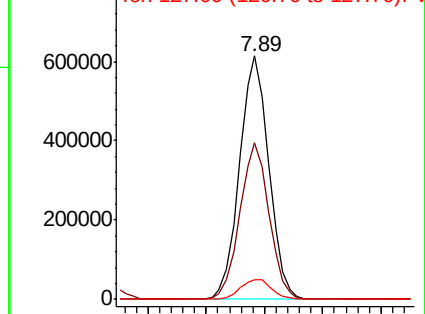


Abundance

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: 556.373 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013370.D

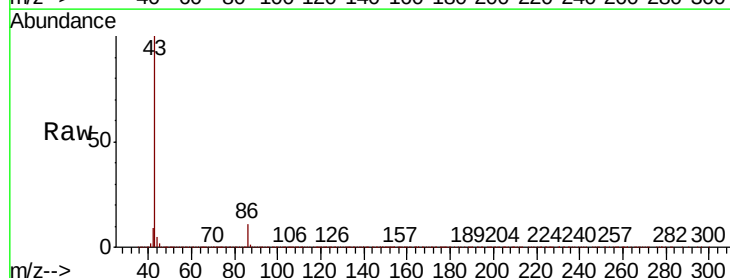
Acq: 11 Nov 2019 17:39

Tgt Ion: 43 Resp: 10774219

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.6	11.4

43 100

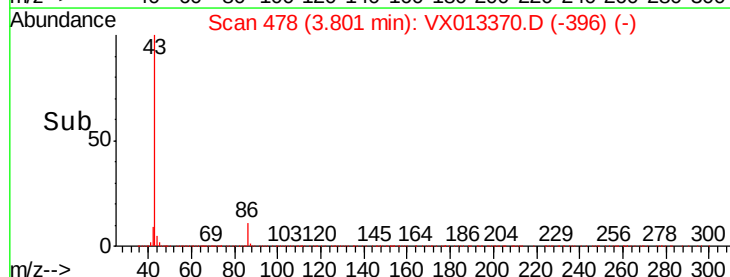
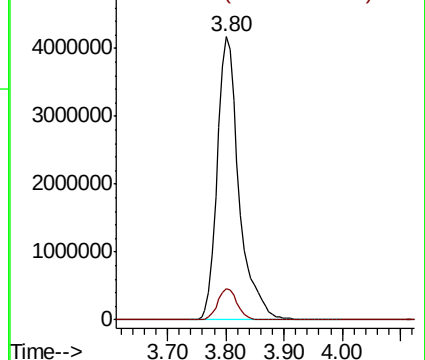
86 9.8 7.6 11.4

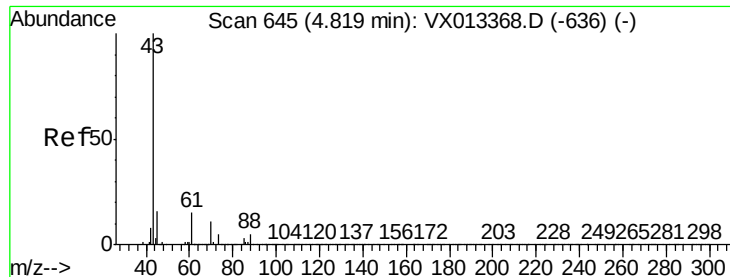


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 120.486 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

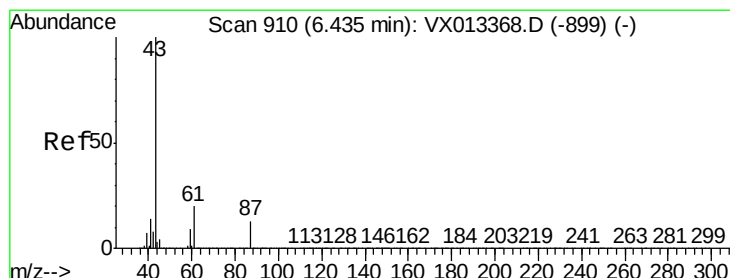
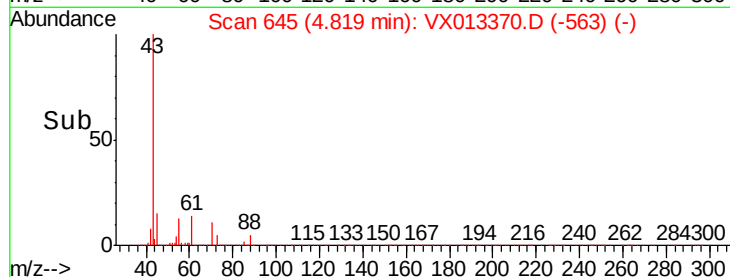
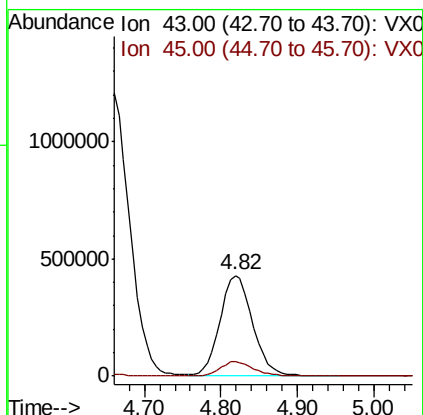
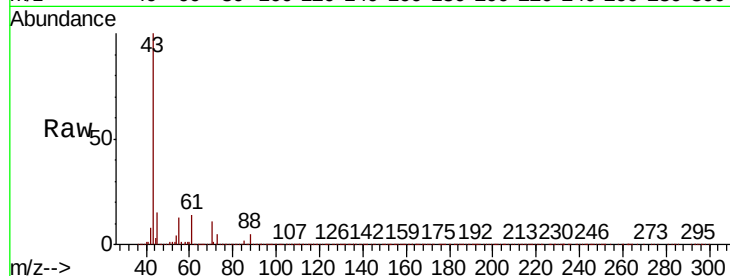
VSTDIC100

Tot Ion: 43 Resp: 1264985

Ion Ratio Lower Upper

43 100

45 14.9 10.9 16.3



#44

Isopropyl Acetate

Concen: 118.177 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013370.D

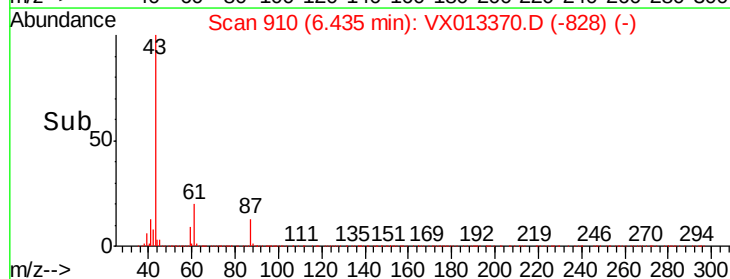
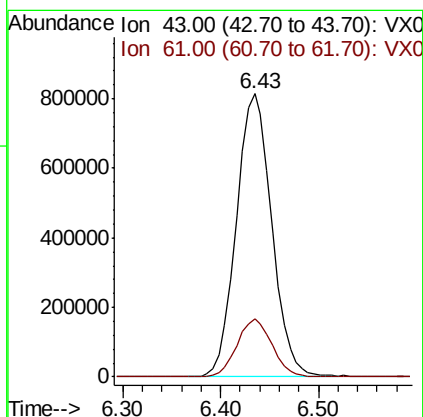
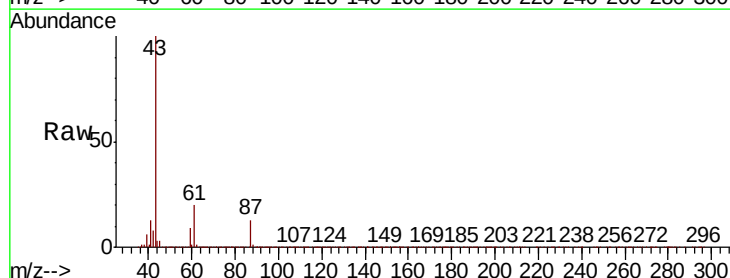
Acq: 11 Nov 2019 17:39

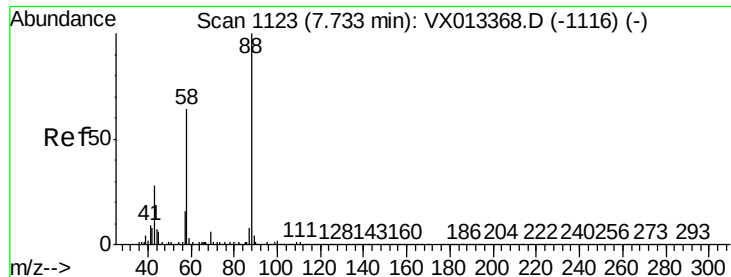
Tgt Ion: 43 Resp: 2038865

Ion Ratio Lower Upper

43 100

61 20.4 15.8 23.8

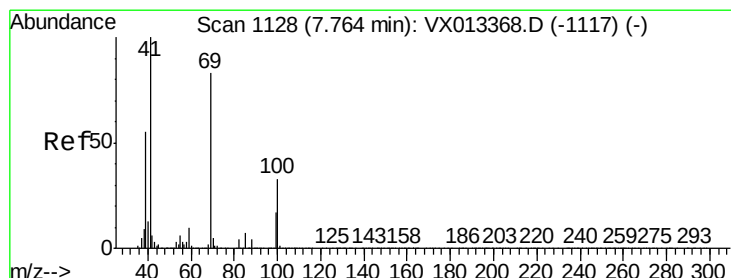
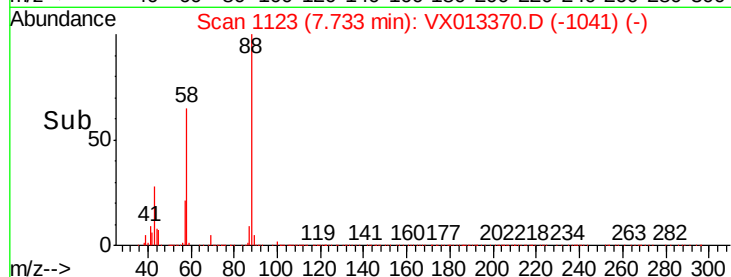
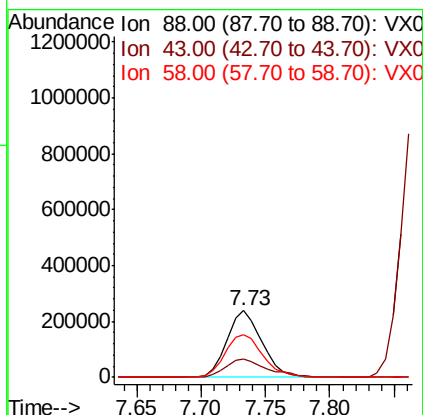
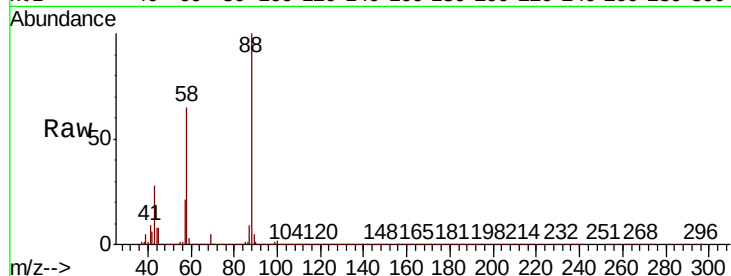




#45
1,4-Dioxane
Concen: 2134.302 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

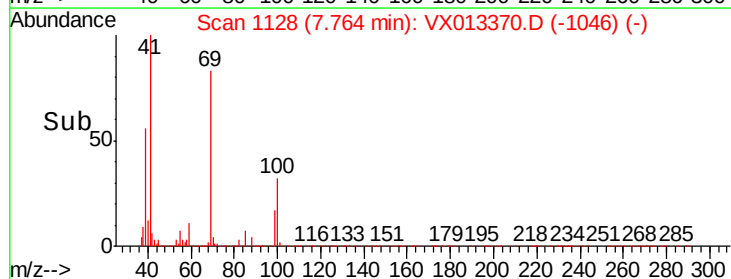
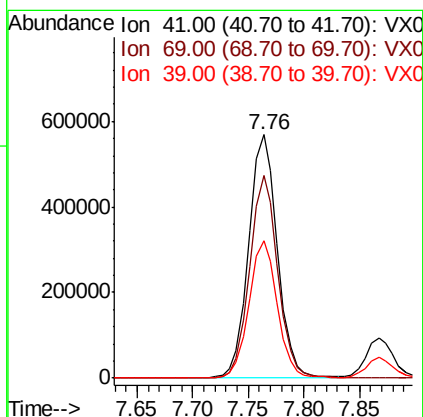
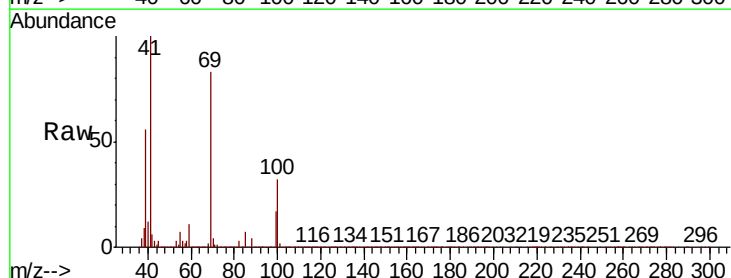
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

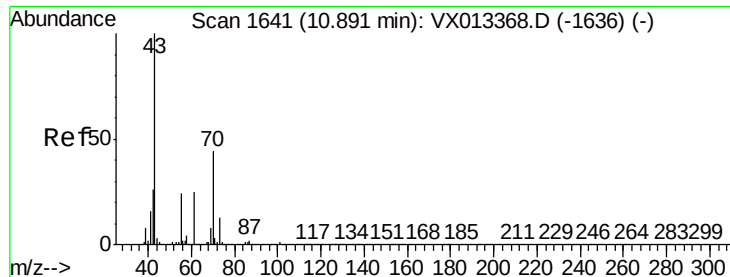
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	26.1	39.1
58	69.6	55.8	83.8



#46
Methyl methacrylate
Concen: 120.073 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.1	41.4	124.4
39	56.2	27.9	83.6

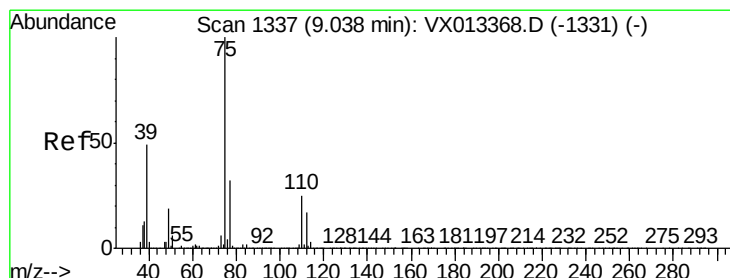
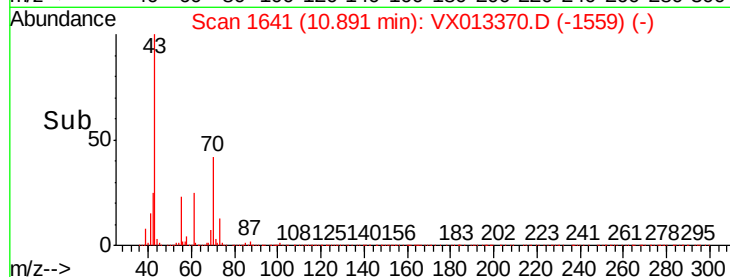
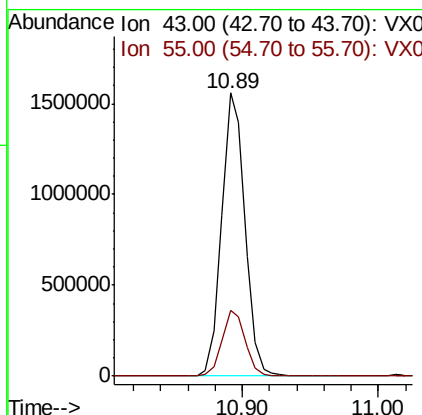
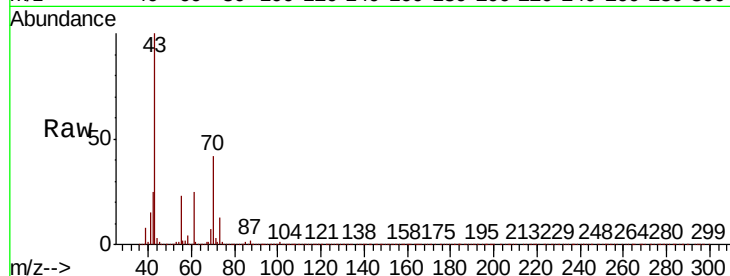




#47
n-amvl Acetate
Concen: 124.907 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

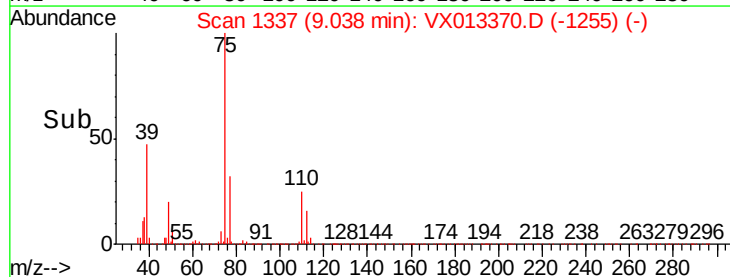
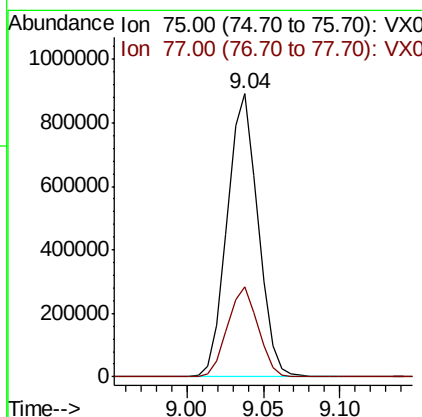
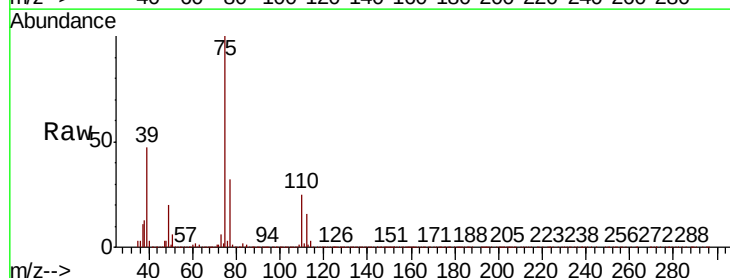
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

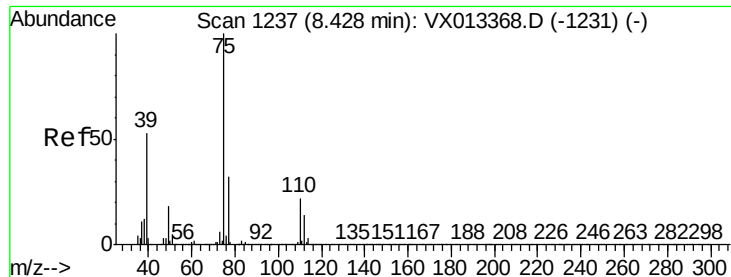
Tot Ion: 43 Resp: 1842979
Ion Ratio Lower Upper
43 100
55 23.3 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 107.021 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 75 Resp: 1245185
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9



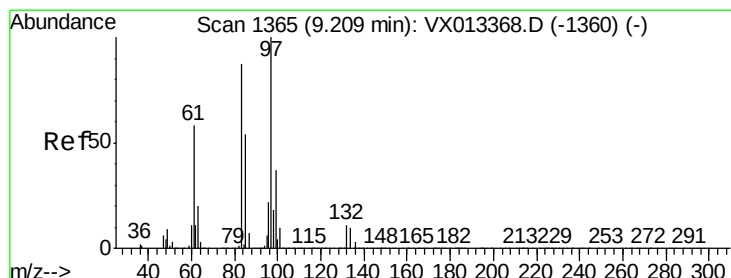
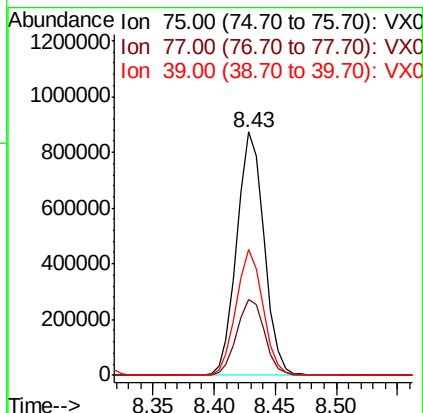
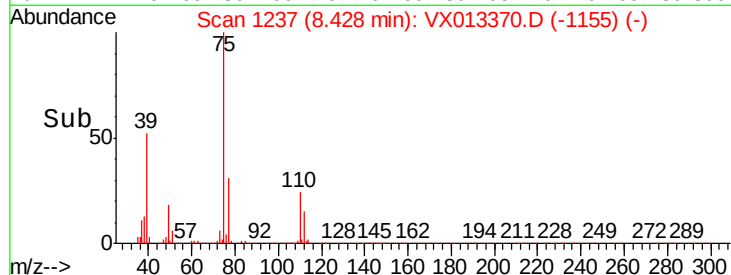
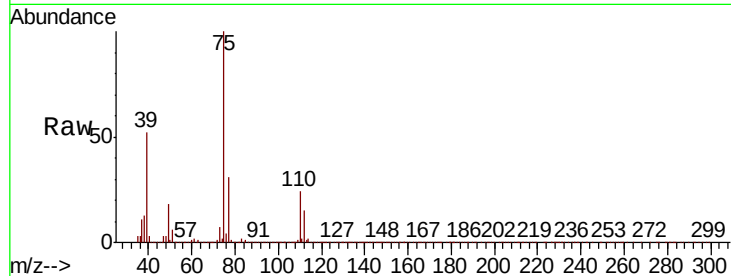


#49

cis-1,3-Dichloropropene
Concen: 106.349 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

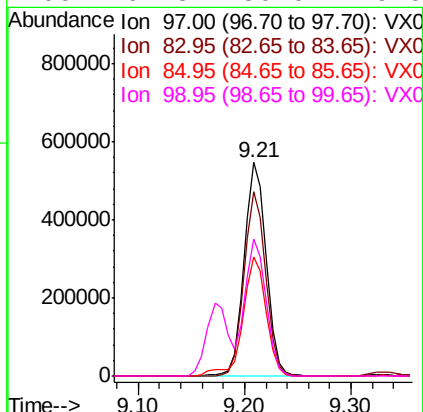
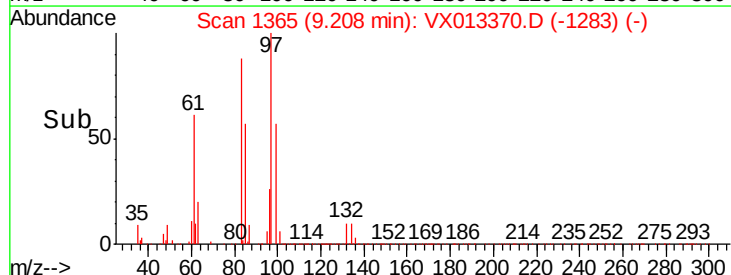
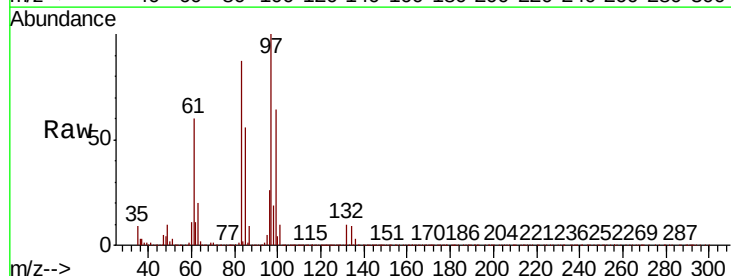
Tot Ion: 75 Resp: 1349208
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 51.6 42.2 63.4

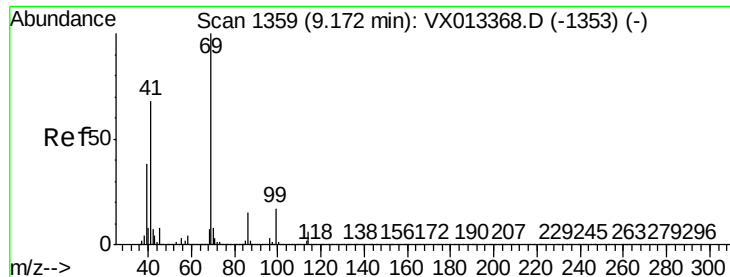


#50

1,1,2-Trichloroethane
Concen: 101.764 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 97 Resp: 794067
Ion Ratio Lower Upper
97 100
83 86.6 69.6 104.4
85 55.9 45.5 68.3
99 64.3 50.0 75.0





#51

Ethyl methacrylate

Concen: 111.104 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

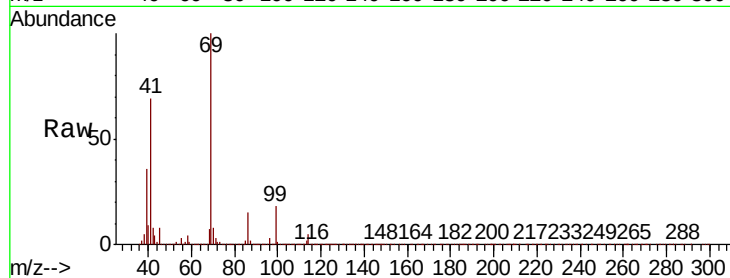
Tot Ion: 69 Resp: 1366122

Ion	Ratio	Lower	Upper
69	100		
41	69.4	33.9	101.6
39	36.4	18.8	56.4

69 100

41 69.4 33.9 101.6

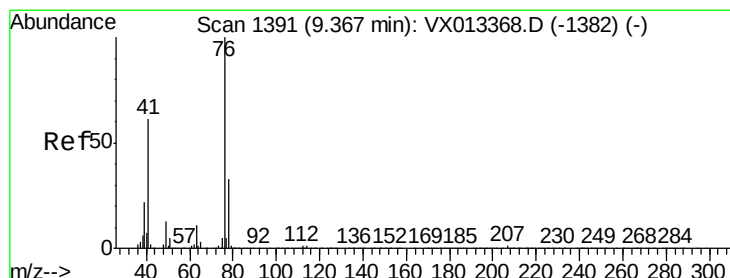
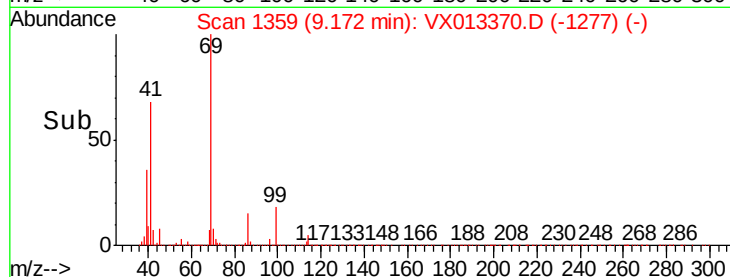
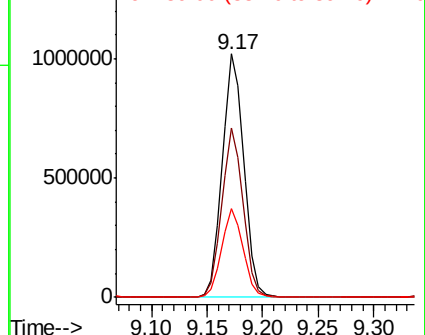
39 36.4 18.8 56.4



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: 103.534 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013370.D

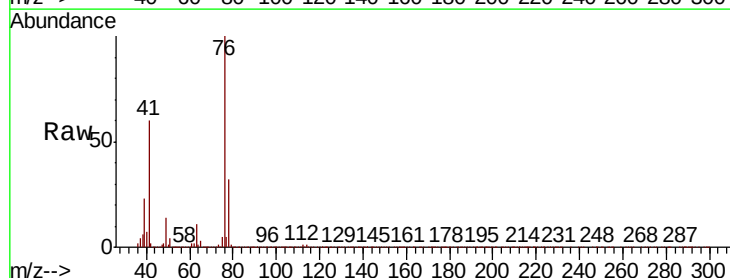
Acq: 11 Nov 2019 17:39

Tgt Ion: 76 Resp: 1362613

Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	63.6

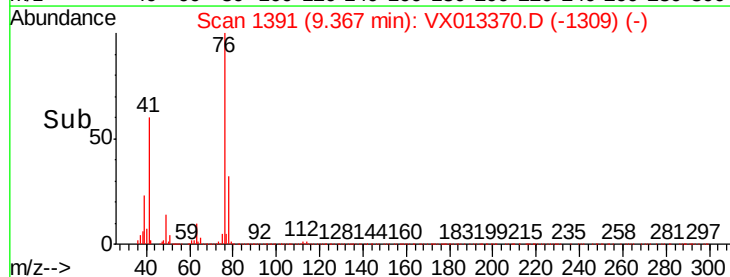
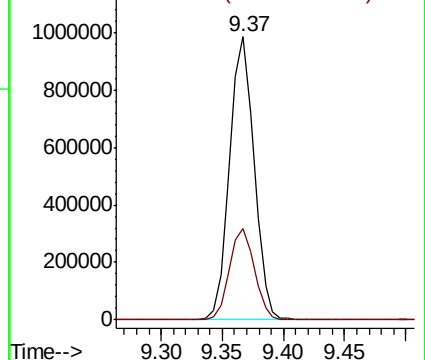
76 100

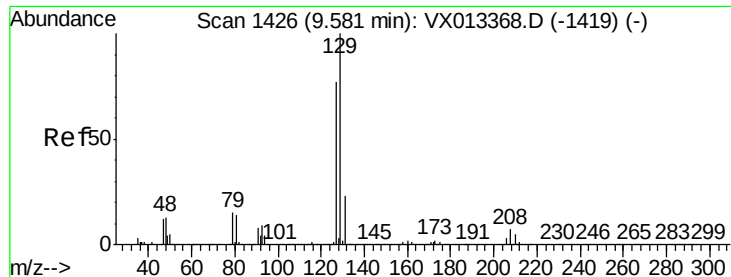
78 32.6 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 105.615 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

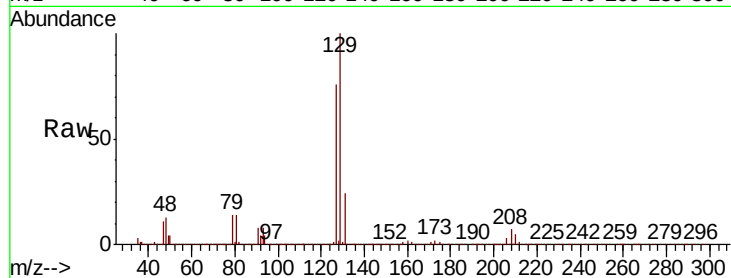
VSTDIC100

Tot Ion:129 Resp: 885080

Ion Ratio Lower Upper

129 100

127 76.7 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.58

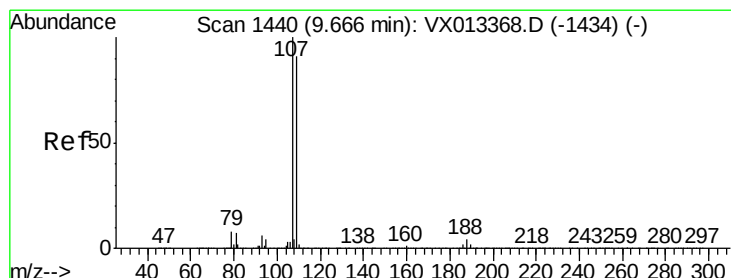
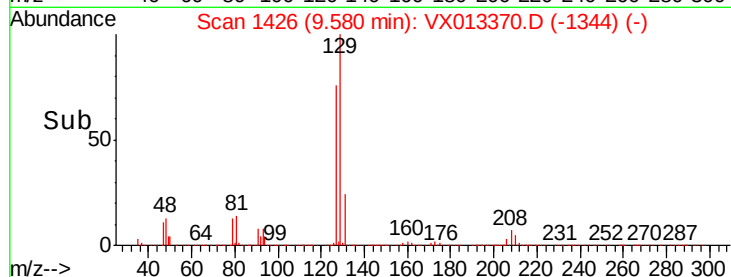
600000

400000

200000

0

Time-->



#54

1,2-Dibromoethane

Concen: 102.540 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013370.D

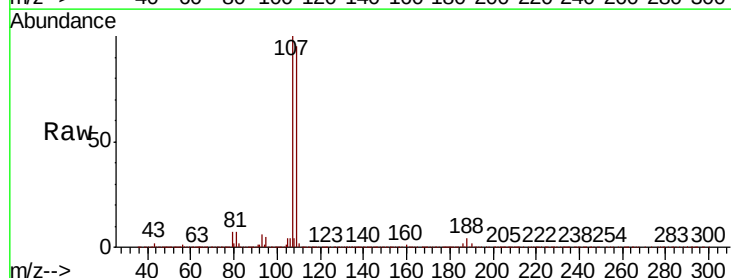
Acq: 11 Nov 2019 17:39

Tgt Ion:107 Resp: 853922

Ion Ratio Lower Upper

107 100

109 94.4 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

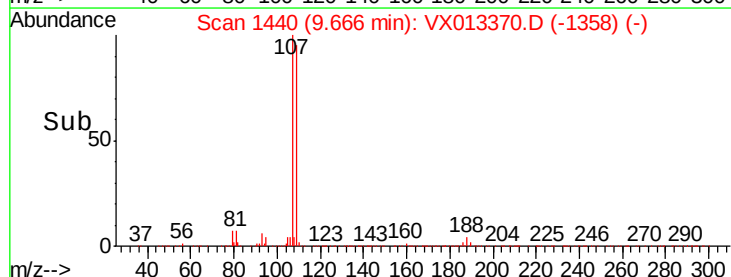
600000

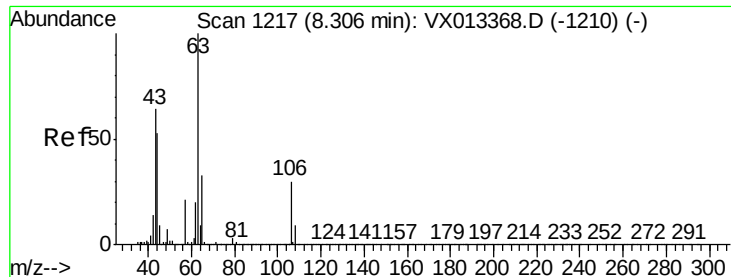
400000

200000

0

Time-->



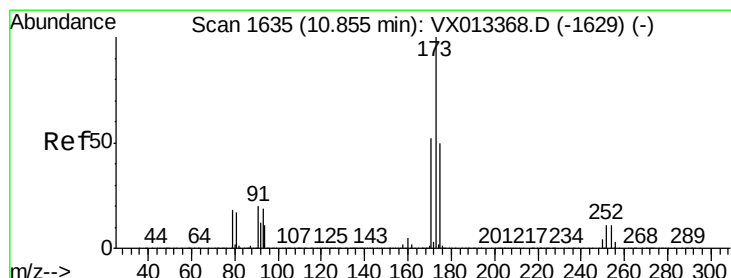
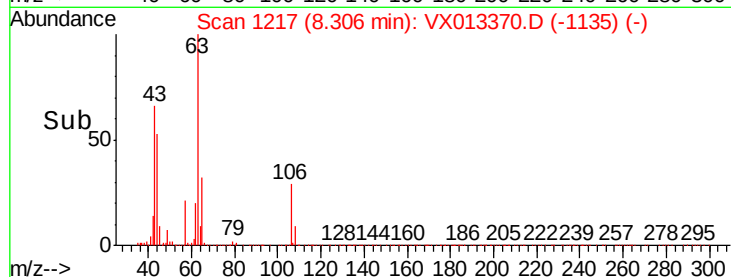
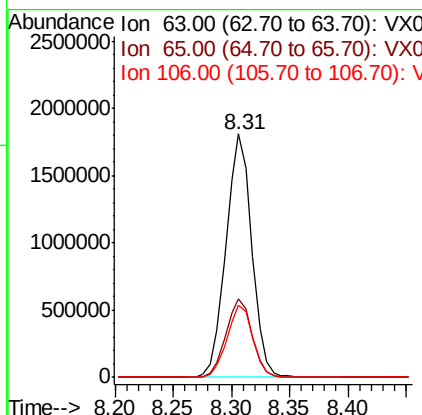
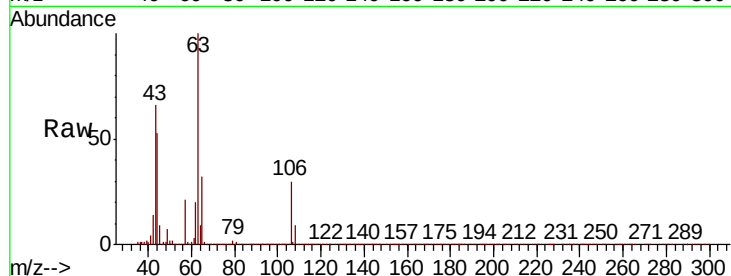


#55
2-Chloroethyl vinyl ether
Concen: 546.322 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 63 Resp: 2782369

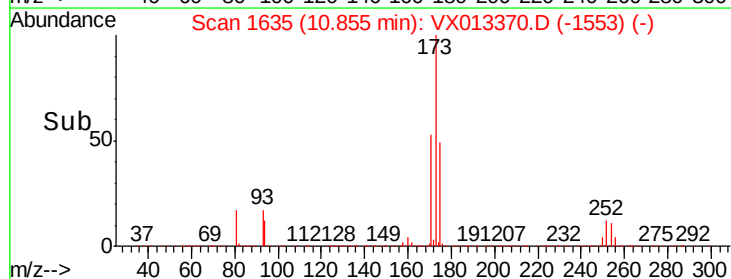
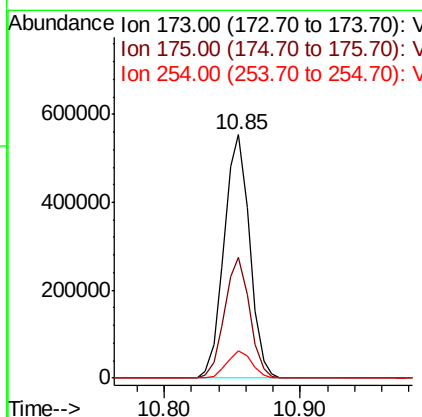
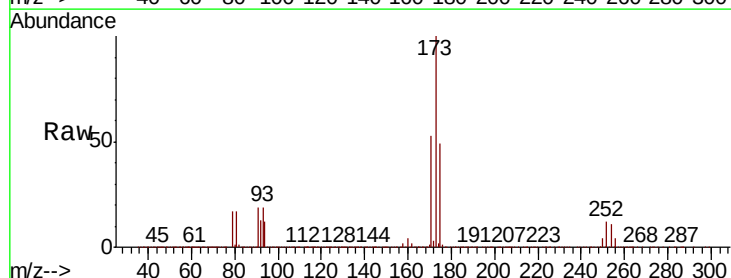
Ion	Ratio	Lower	Upper
63	100		
65	32.5	26.0	39.0
106	29.5	23.5	35.3

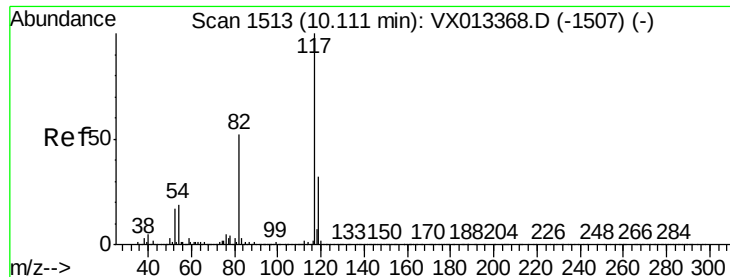


#56
Bromoform
Concen: 118.881 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 173 Resp: 722418

Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.0
254	11.1	8.6	12.8

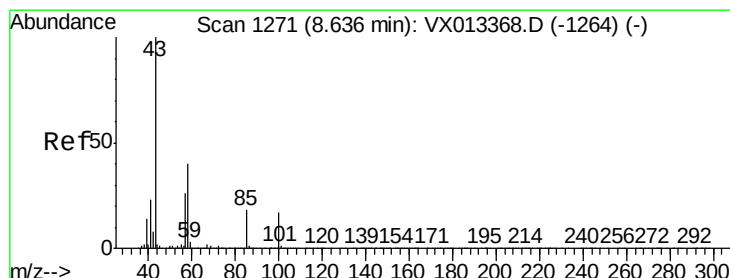
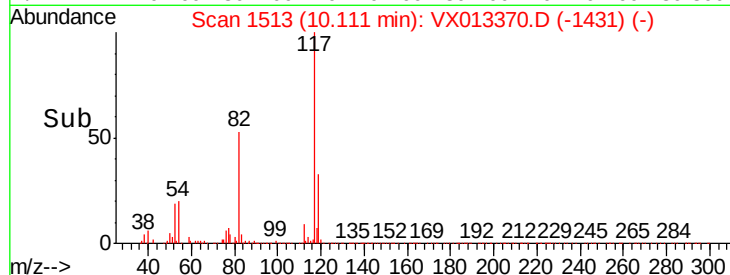
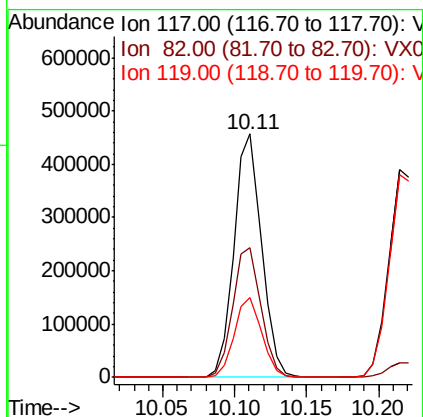
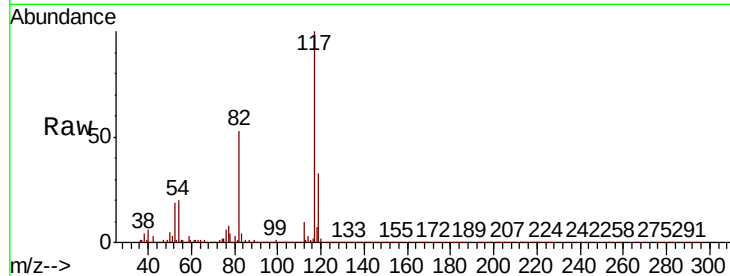




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

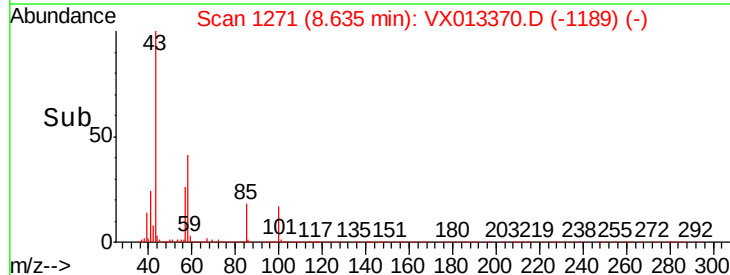
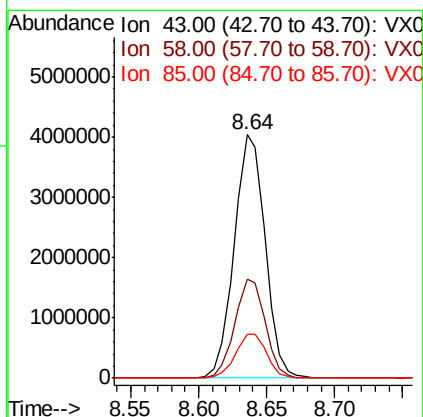
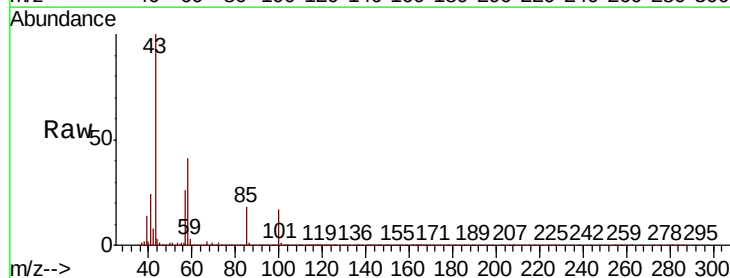
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

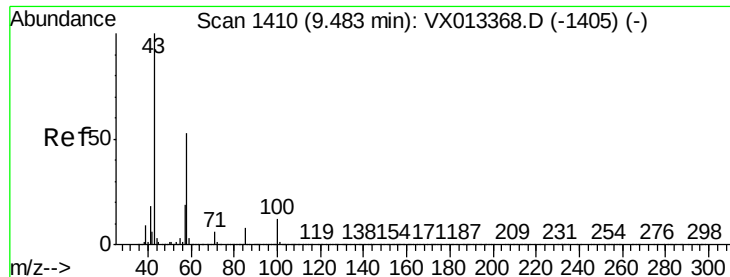
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.7	65.5
119	32.5	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 598.236 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.6	47.4
85	18.3	14.2	21.2

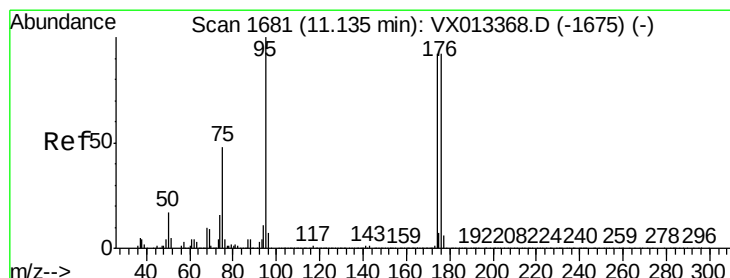
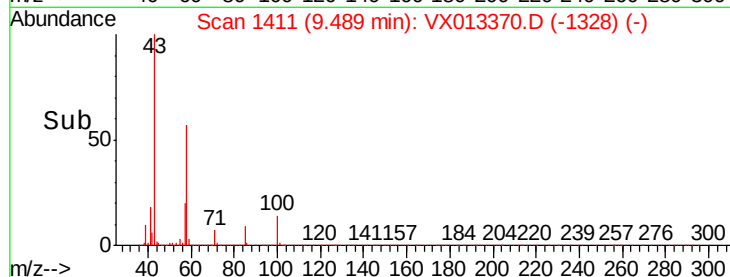
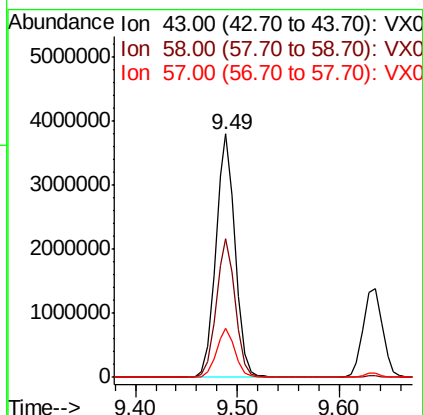
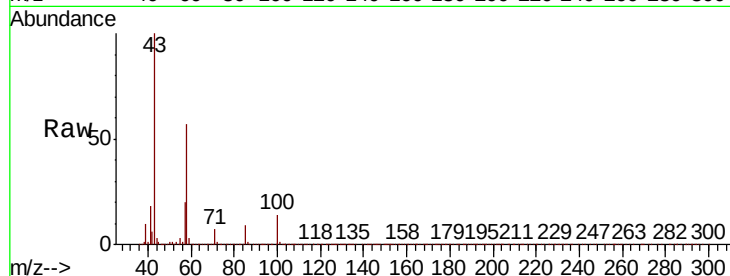




#59
2-Hexanone
Concen: 599.145 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

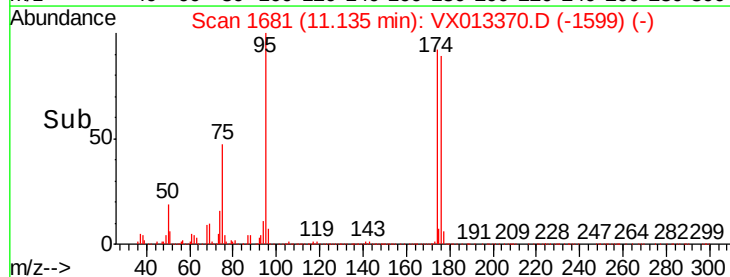
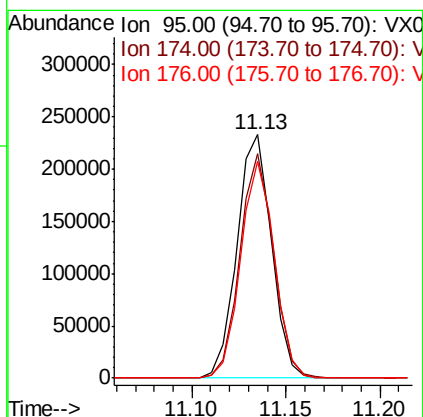
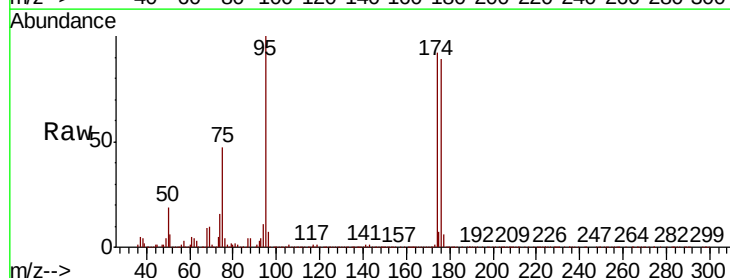
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

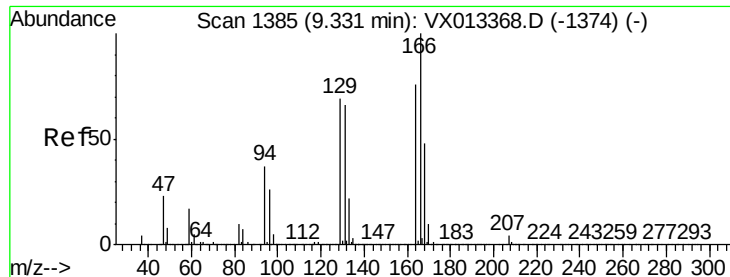
Tot Ion: 43 Resp: 5040269
Ion Ratio Lower Upper
43 100
58 56.4 43.8 65.6
57 19.5 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 28.116 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion: 95 Resp: 294555
Ion Ratio Lower Upper
95 100
174 90.1 70.2 105.2
176 87.1 68.3 102.5





#61

Tetrachloroethene

Concen: 93.750 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 735086

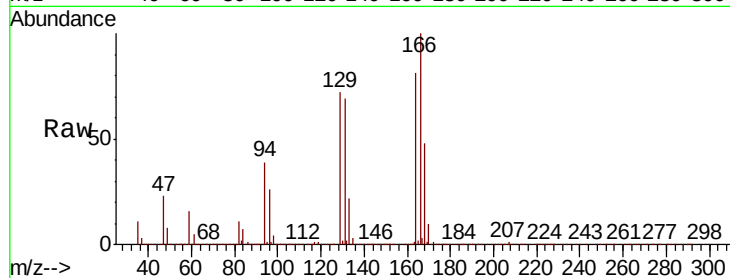
Ion Ratio Lower Upper

164 100

166 123.8 104.9 157.3

129 88.6 72.3 108.5

131 84.8 69.0 103.6

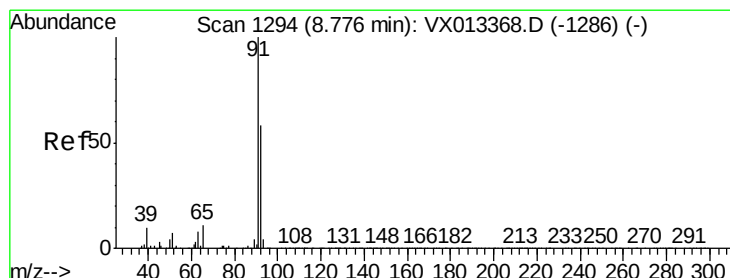
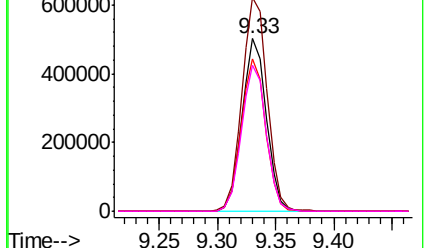
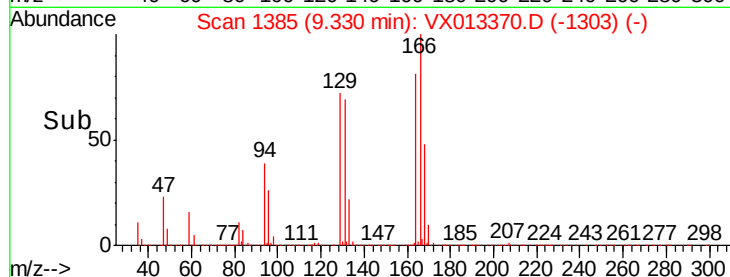


Abundance Ion 163.85 (163.55 to 164.55): V

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: 102.022 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013370.D

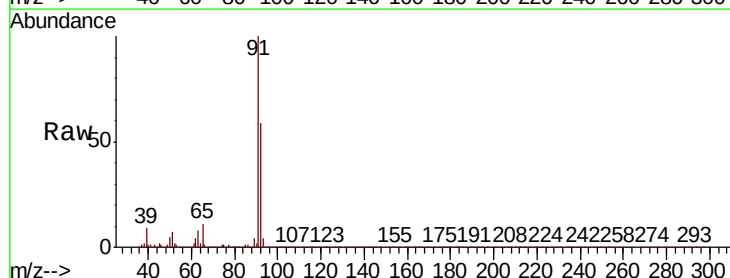
Acq: 11 Nov 2019 17:39

Tgt Ion: 91 Resp: 3369772

Ion Ratio Lower Upper

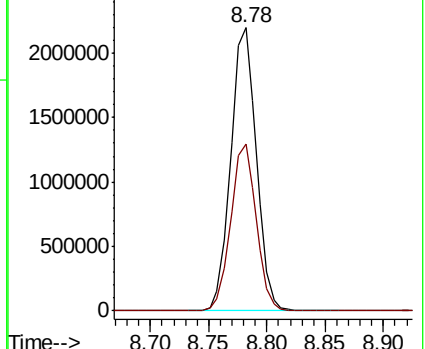
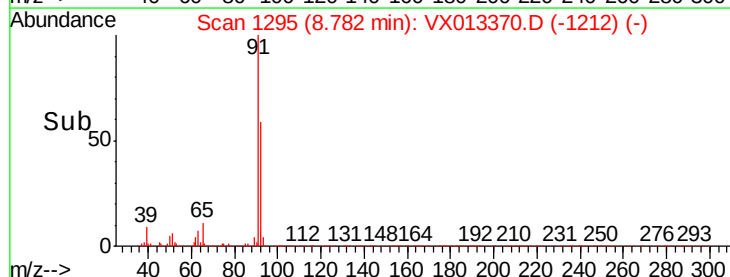
91 100

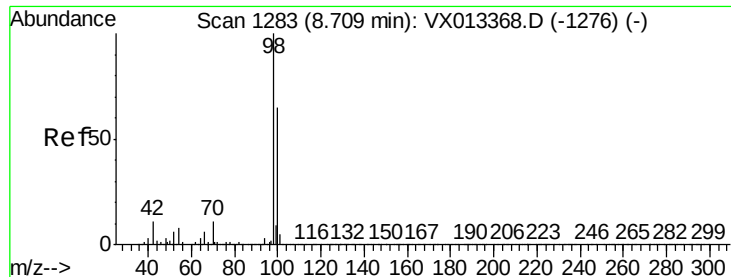
92 58.7 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.250 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

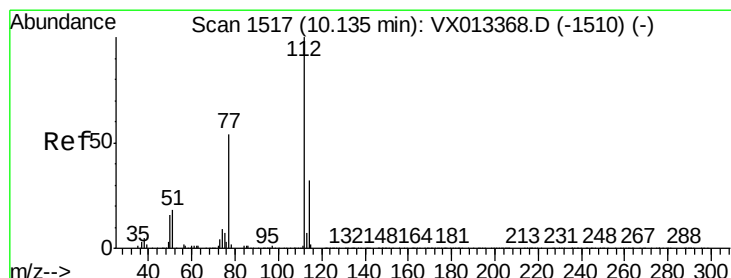
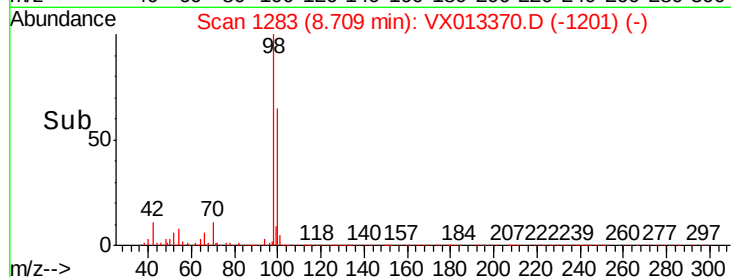
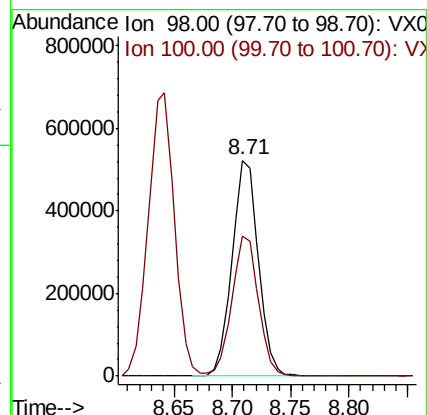
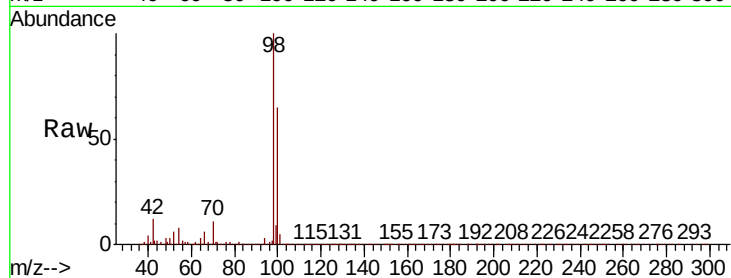
VSTDIC100

Tot Ion: 98 Resp: 824061

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#64

Chlorobenzene

Concen: 101.555 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013370.D

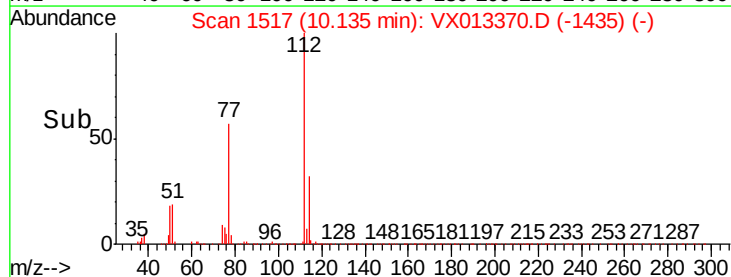
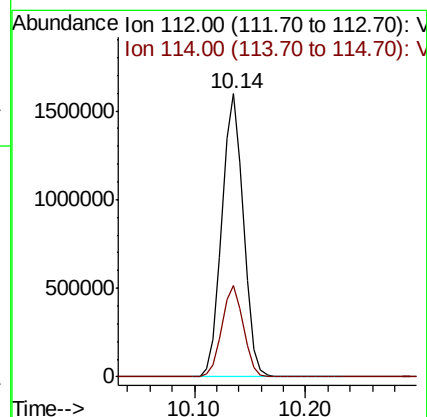
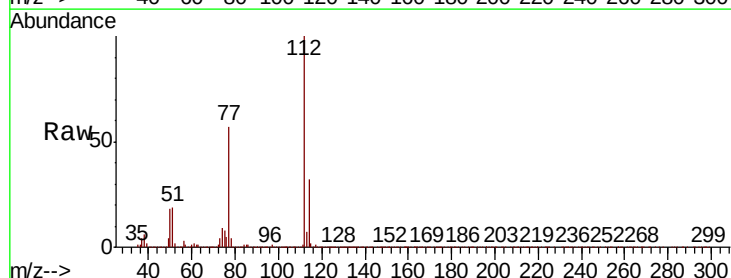
Acq: 11 Nov 2019 17:39

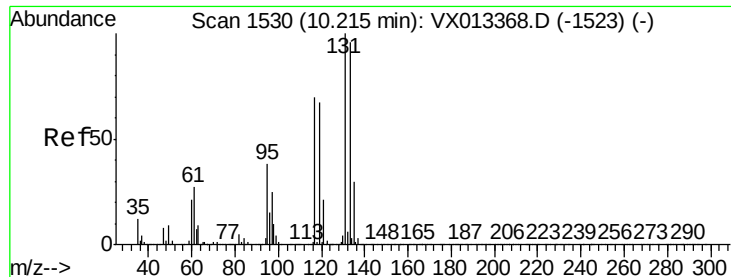
Tgt Ion: 112 Resp: 2135076

Ion Ratio Lower Upper

112 100

114 32.2 25.7 38.5

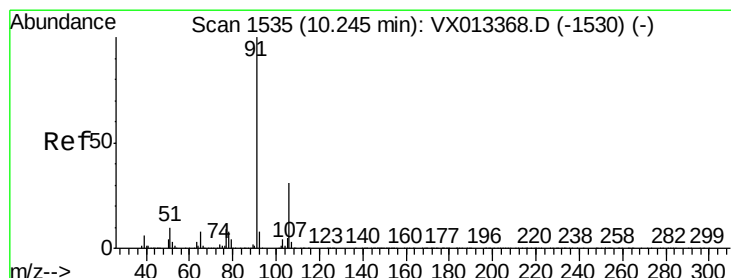
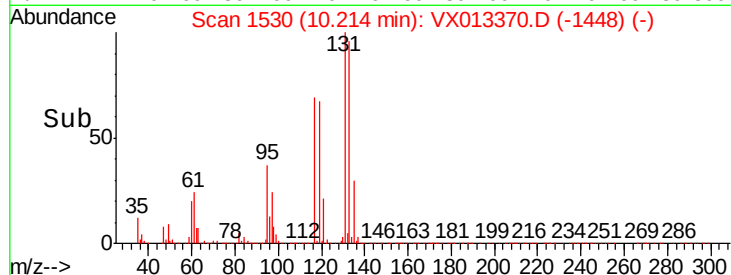
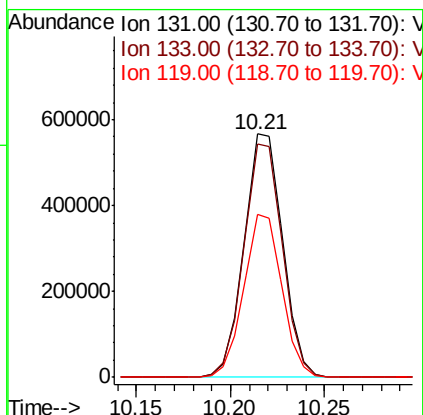
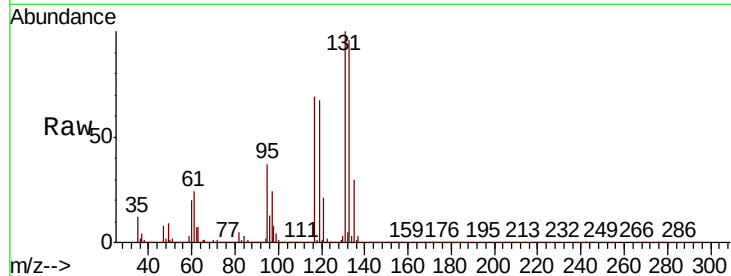




#65
 1,1,1,2-Tetrachloroethane
 Concen: 102.610 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

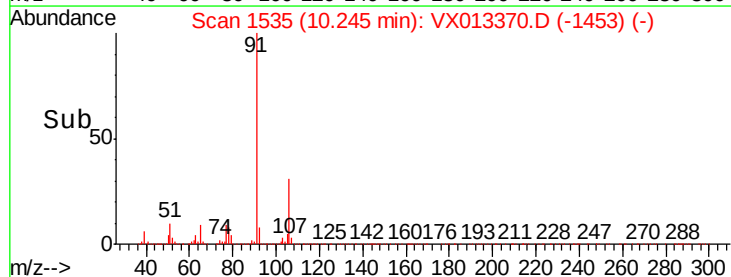
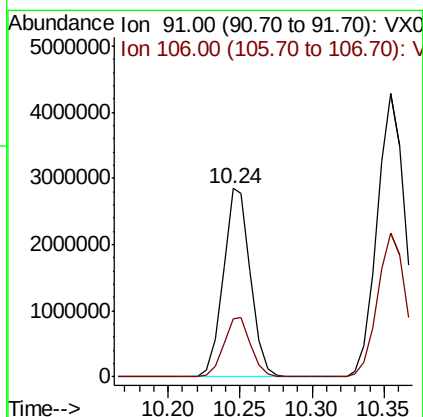
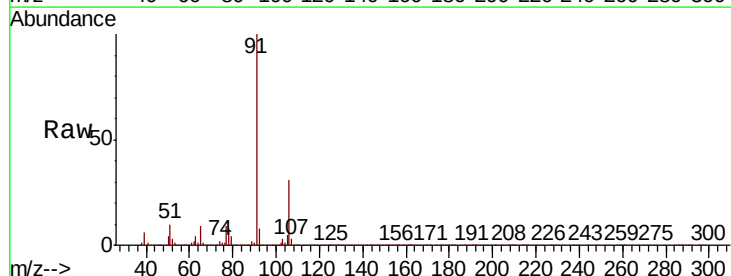
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

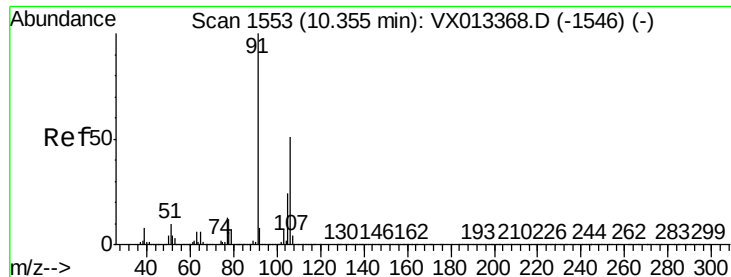
Tot Ion	Ratio	Lower	Upper
131	100		
133	96.0	0.0	192.2
119	66.0	0.0	134.4



#66
 Ethyl Benzene
 Concen: 99.657 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.0	37.4

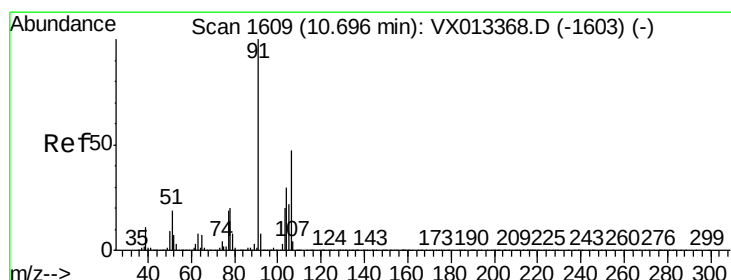
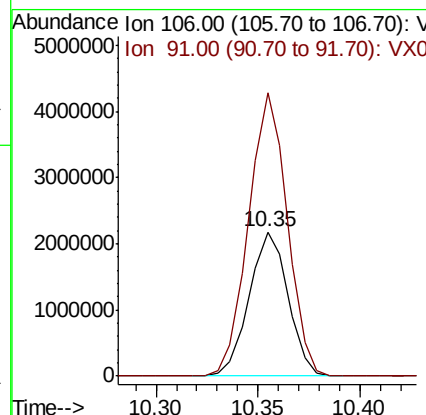
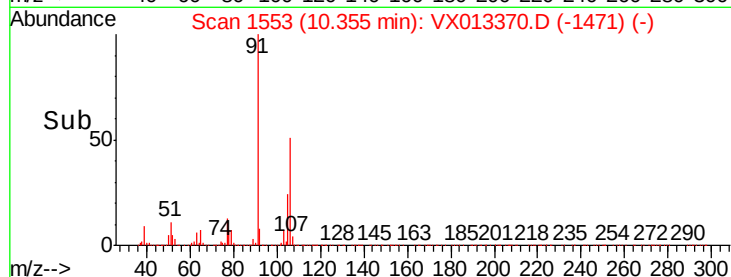
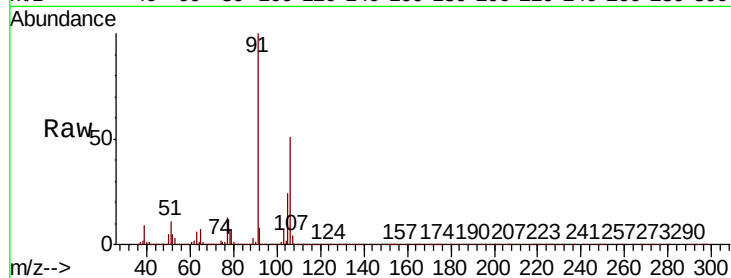




#67
m/p-Xylenes
Concen: 201.630 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

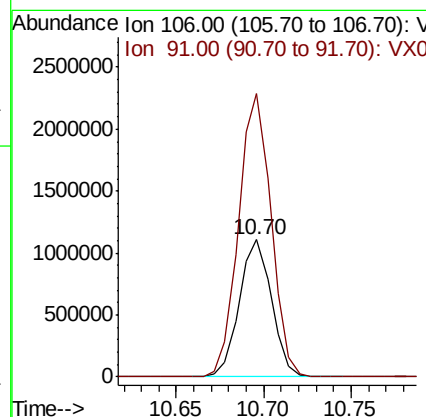
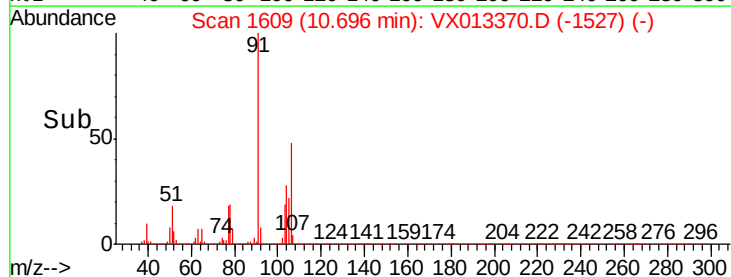
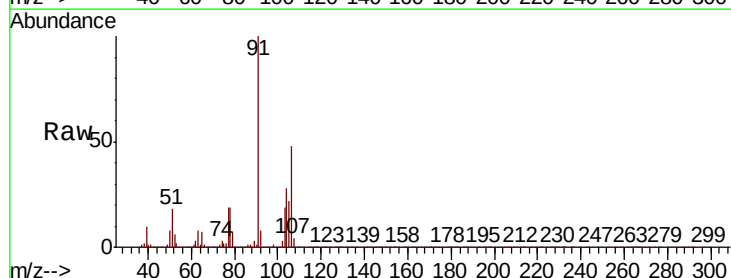
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

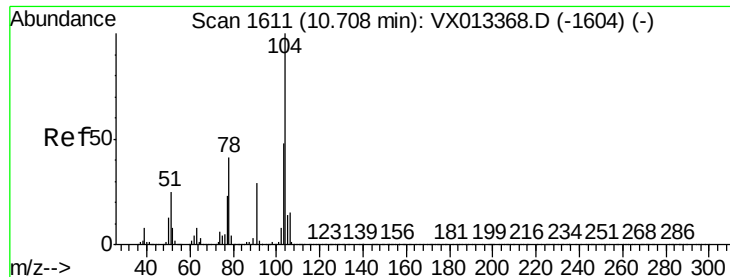
Tot Ion:106 Resp: 2884627
Ion Ratio Lower Upper
106 100
91 196.1 158.4 237.6



#68
o-Xylene
Concen: 102.686 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion:106 Resp: 1412686
Ion Ratio Lower Upper
106 100
91 208.3 106.4 319.2

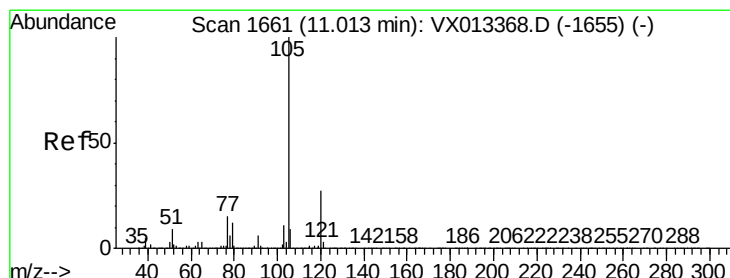
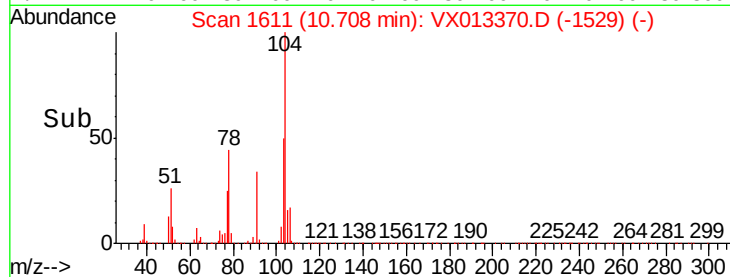
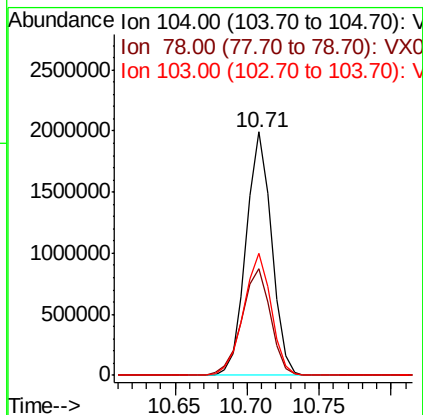
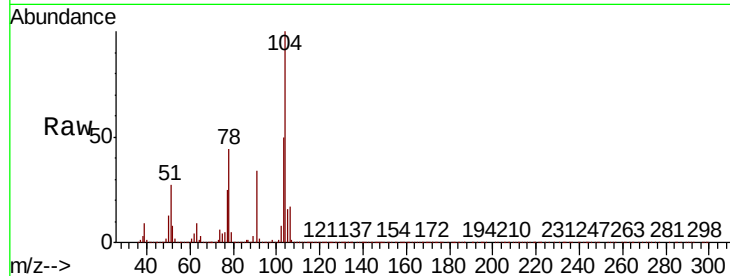




#69
Stvrene
Concen: 103.414 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

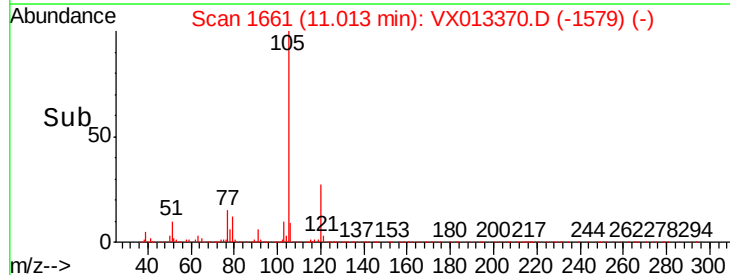
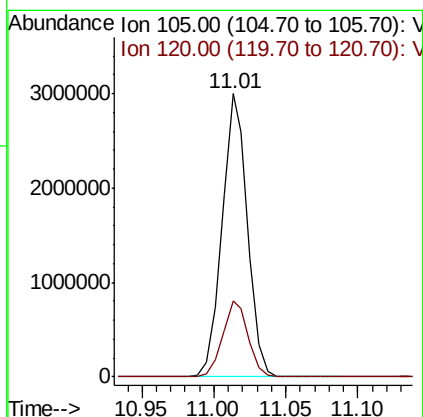
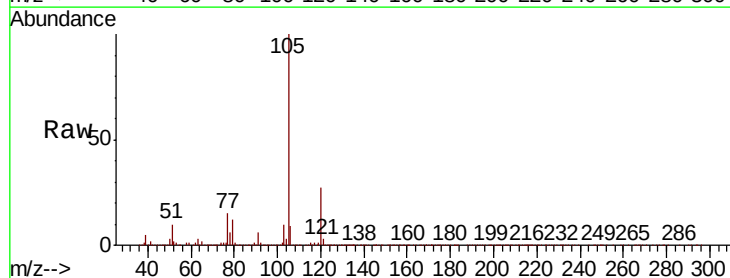
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

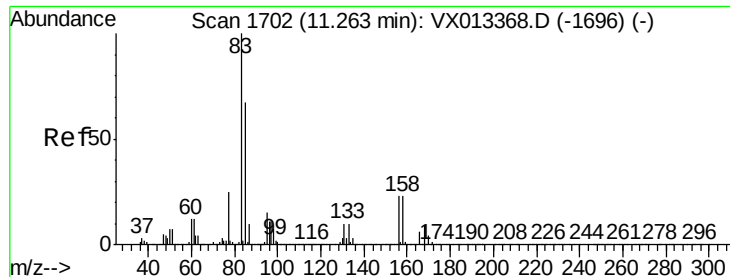
Tot Ion:104 Resp: 2434455
Ion Ratio Lower Upper
104 100
78 49.1 38.2 57.4
103 54.4 43.2 64.8



#70
Isopropylbenzene
Concen: 98.654 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion:105 Resp: 3686985
Ion Ratio Lower Upper
105 100
120 27.1 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 110.720 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

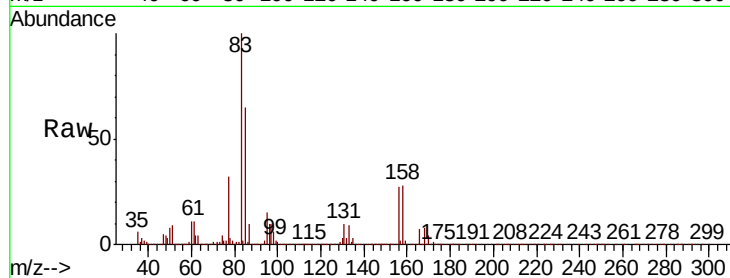
Tot Ion: 83 Resp: 1312526

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

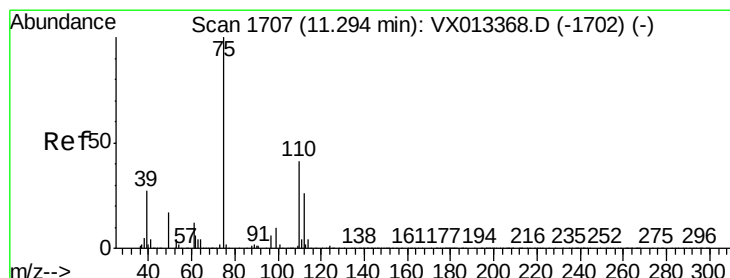
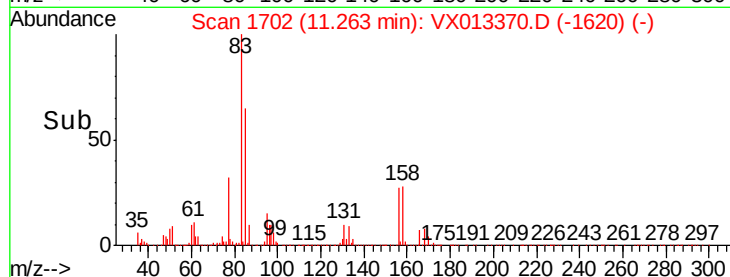
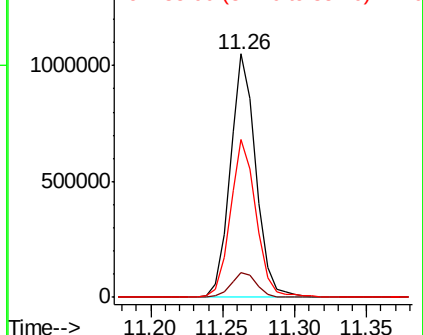
85 65.0 32.6 97.7



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: 157.913 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013370.D

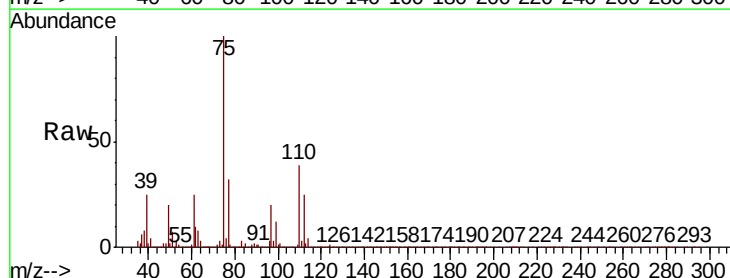
Acq: 11 Nov 2019 17:39

Tgt Ion: 75 Resp: 1552011

Ion Ratio Lower Upper

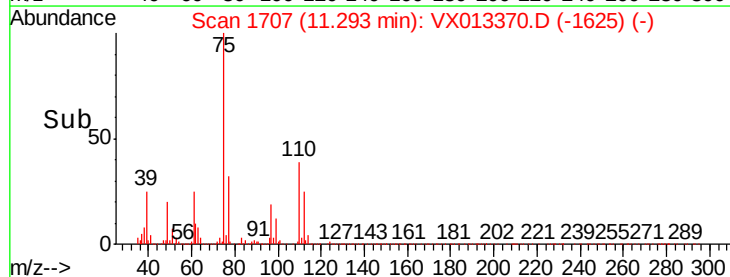
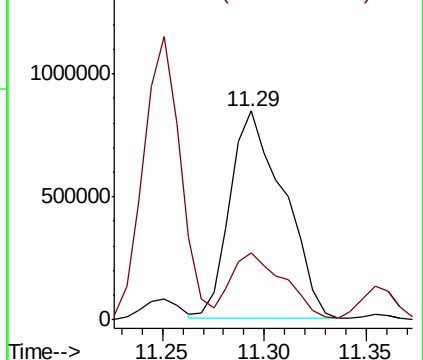
75 100

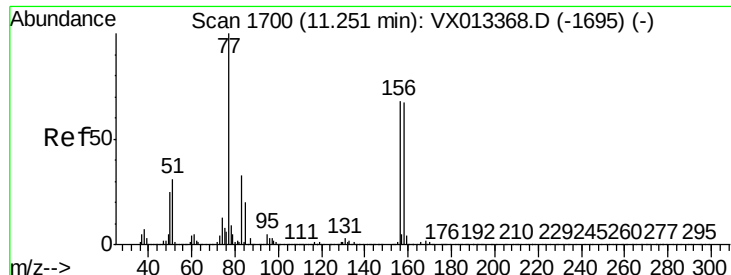
77 30.1 0.0 86.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 106.617 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

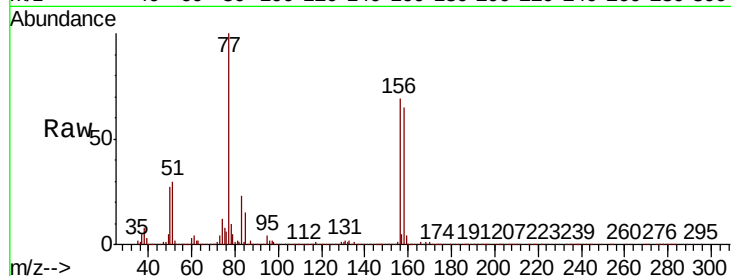
Tot Ion:156 Resp: 976117

Ion Ratio Lower Upper

156 100

77 149.6 0.0 308.8

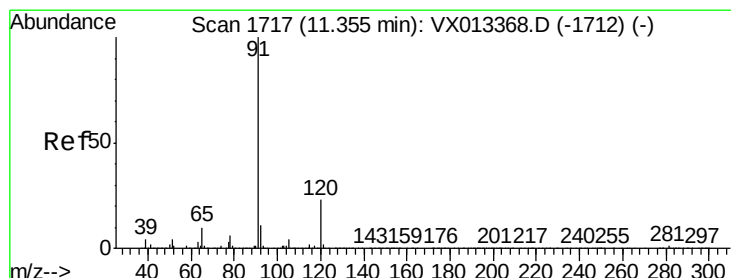
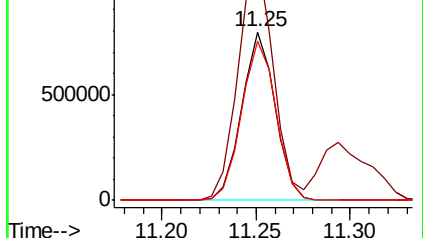
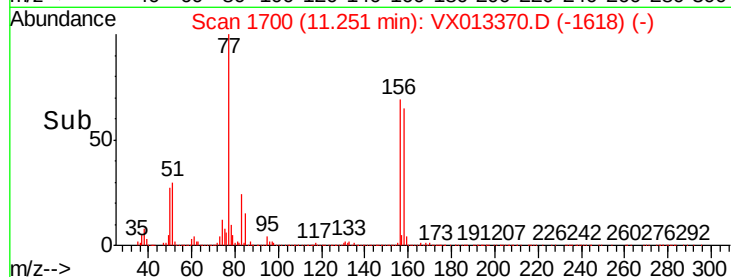
158 97.6 0.0 197.0



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: 101.994 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013370.D

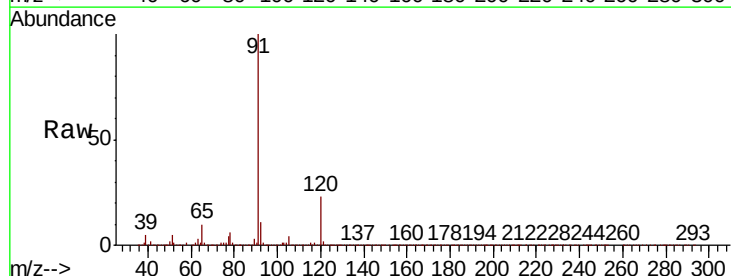
Acq: 11 Nov 2019 17:39

Tgt Ion: 91 Resp: 4212298

Ion Ratio Lower Upper

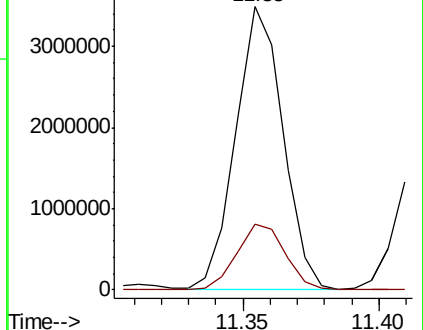
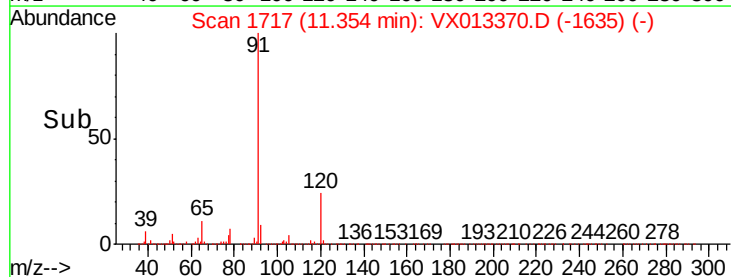
91 100

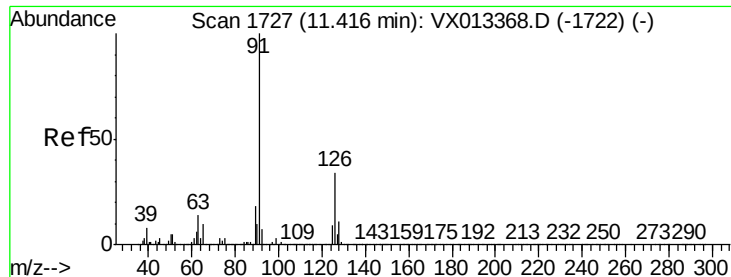
120 23.7 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 96.884 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

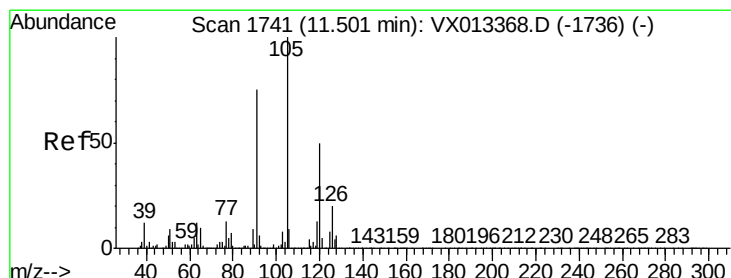
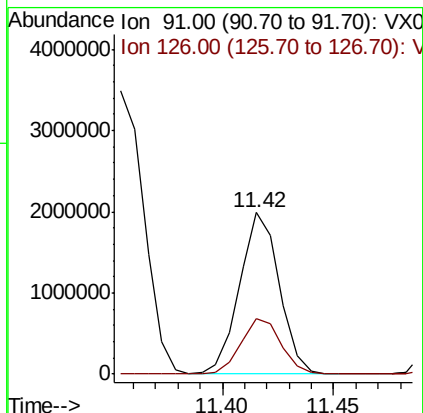
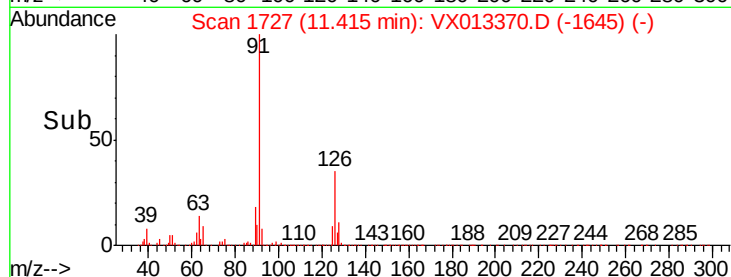
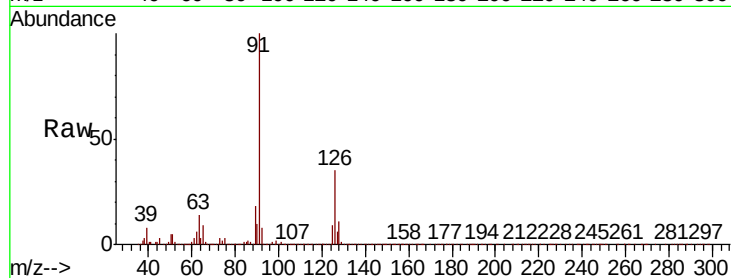
VSTDIC100

Tot Ion: 91 Resp: 2476763

Ion Ratio Lower Upper

91 100

126 34.9 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 98.978 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013370.D

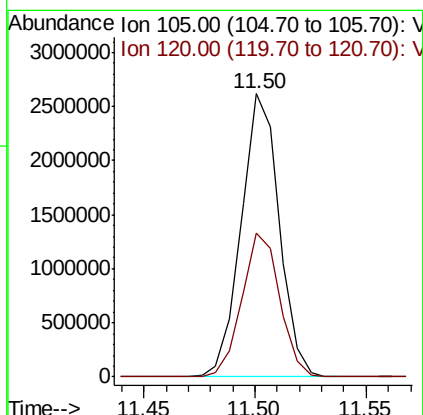
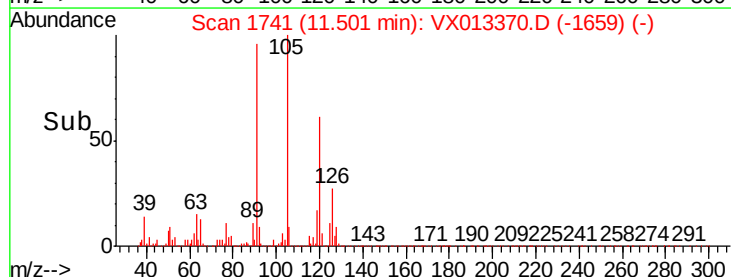
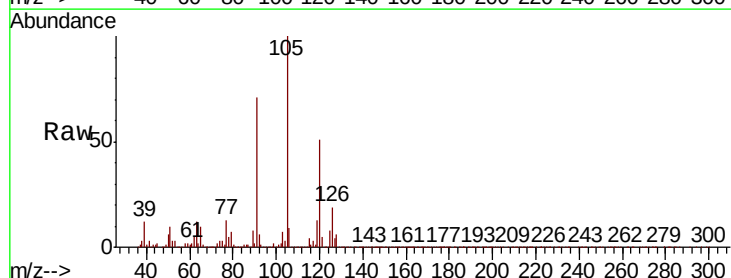
Acq: 11 Nov 2019 17:39

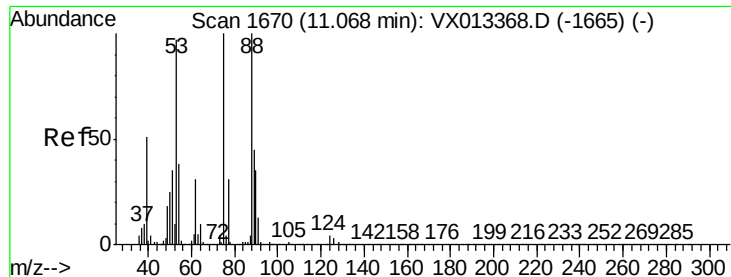
Tgt Ion: 105 Resp: 3118033

Ion Ratio Lower Upper

105 100

120 50.6 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 124.193 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

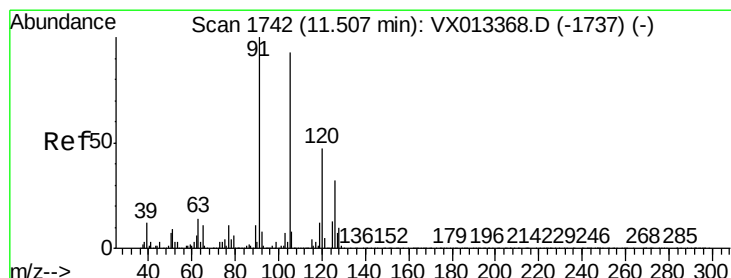
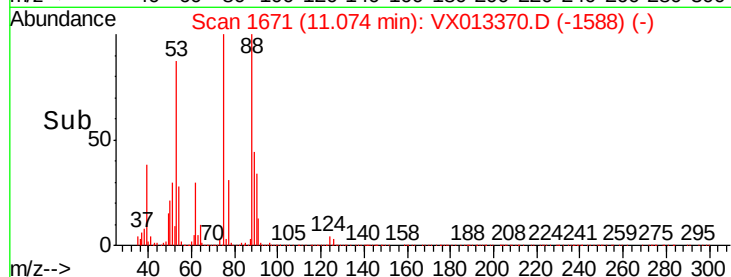
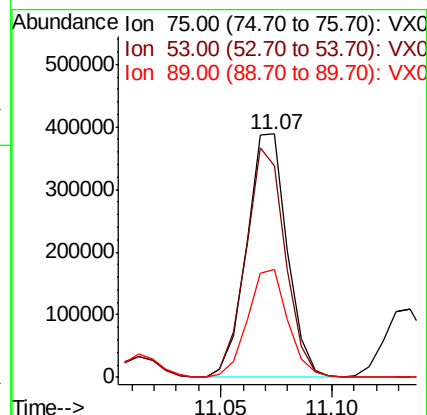
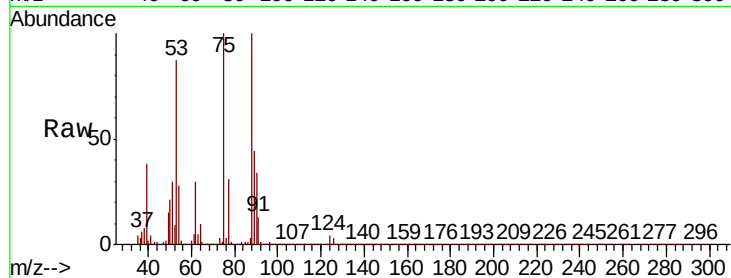
Tot Ion: 75 Resp: 495839

Ion Ratio Lower Upper

75 100

53 87.0 48.8 146.3

89 44.1 22.3 66.8



#78

4-Chlorotoluene

Concen: 97.972 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013370.D

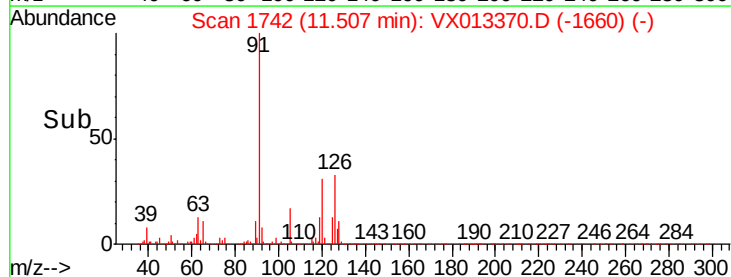
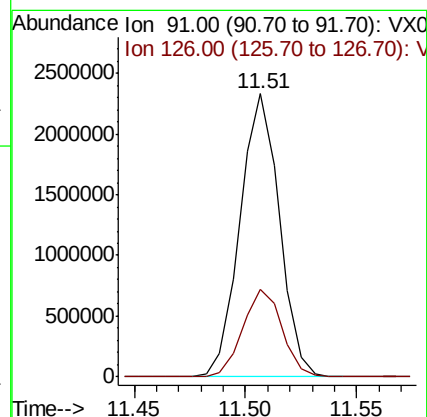
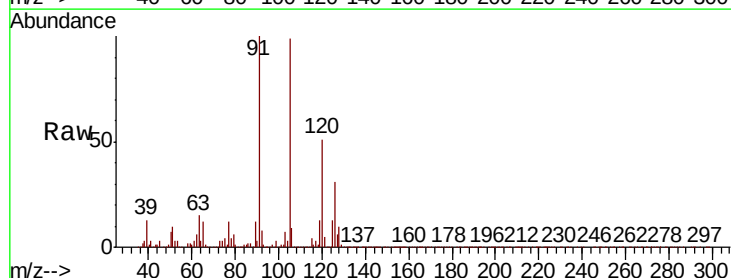
Acq: 11 Nov 2019 17:39

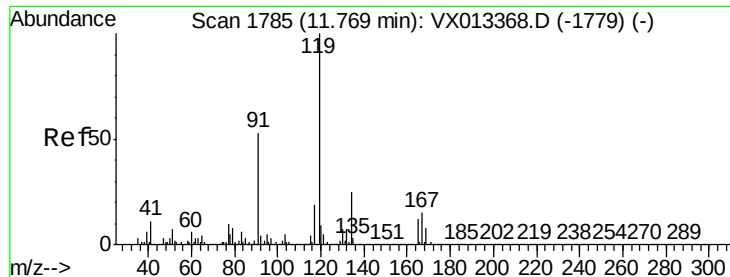
Tgt Ion: 91 Resp: 2868835

Ion Ratio Lower Upper

91 100

126 30.8 0.0 61.0

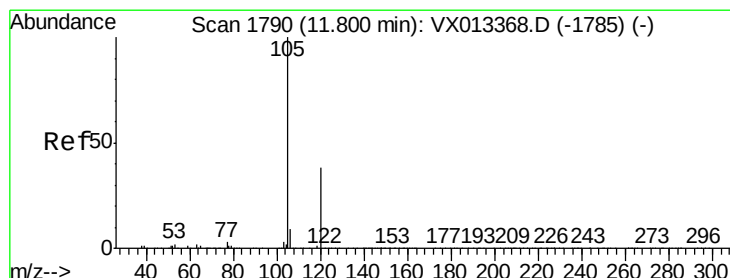
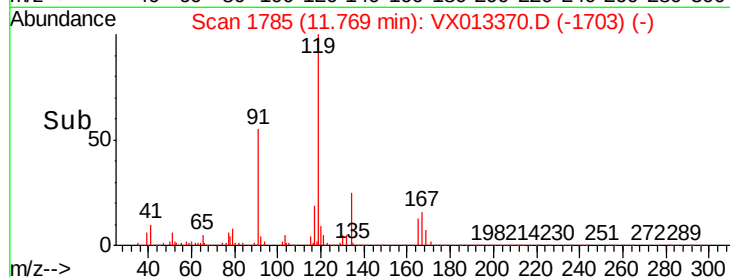
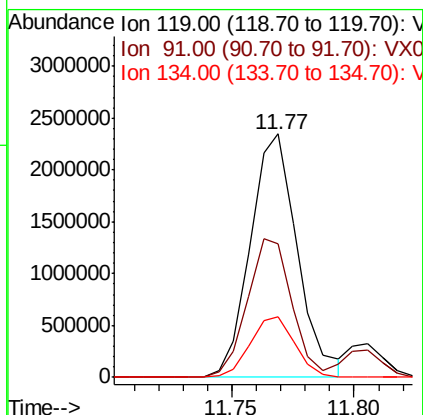
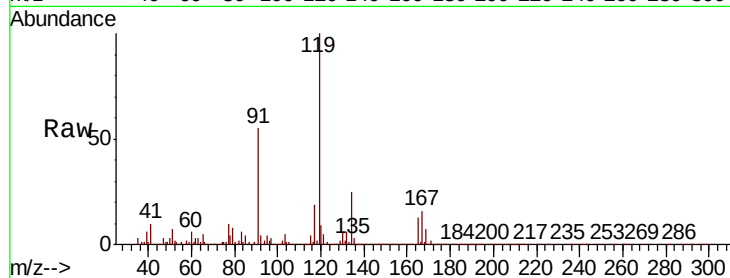




#79
tert-butylbenzene
Concen: 102.676 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

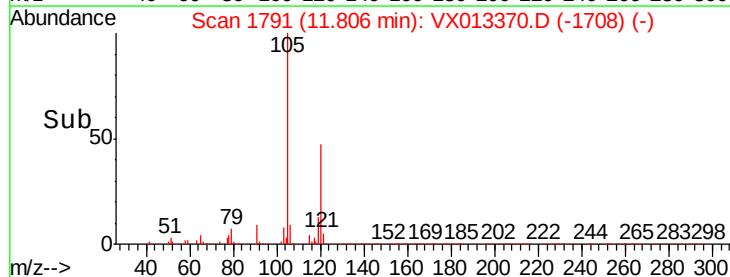
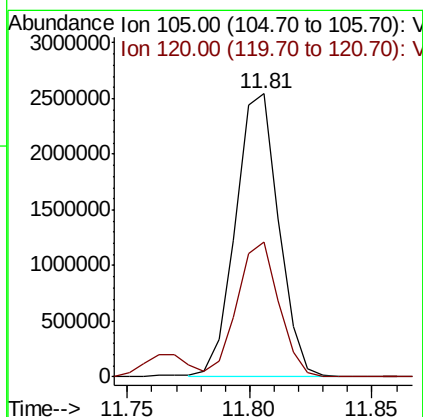
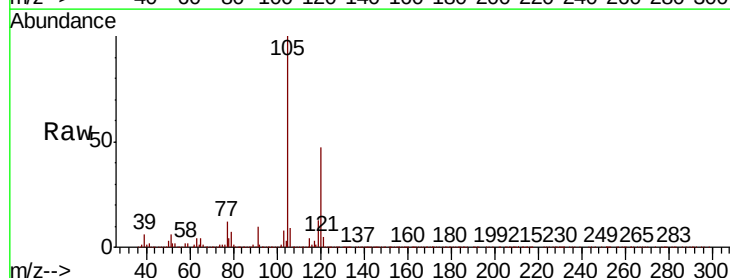
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

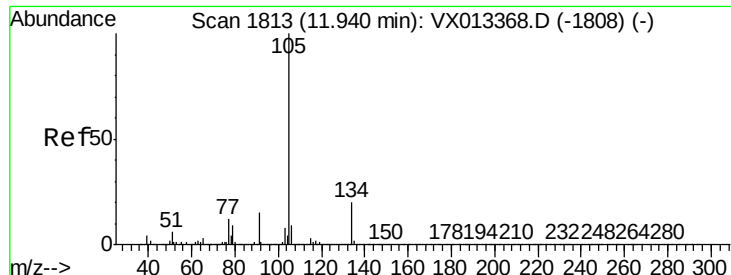
Tot Ion:119 Resp: 3158784
Ion Ratio Lower Upper
119 100
91 53.6 0.0 109.6
134 23.7 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 99.196 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013370.D
Acq: 11 Nov 2019 17:39

Tgt Ion:105 Resp: 3118557
Ion Ratio Lower Upper
105 100
120 46.2 0.0 94.0





#81

sec-Butylbenzene

Concen: 99.793 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

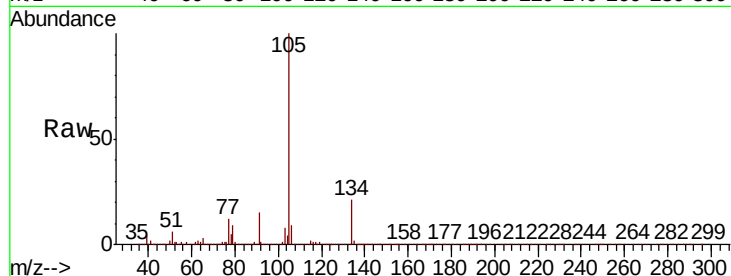
VSTDIC100

Tot Ion:105 Resp: 3592916

Ion Ratio Lower Upper

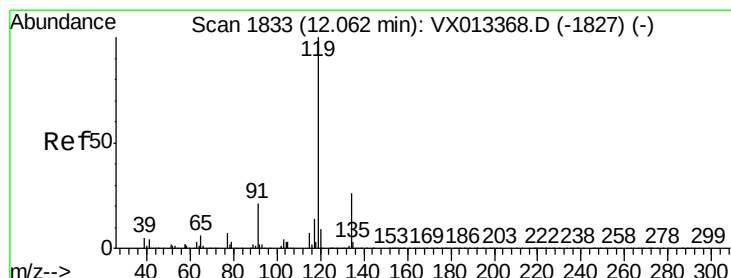
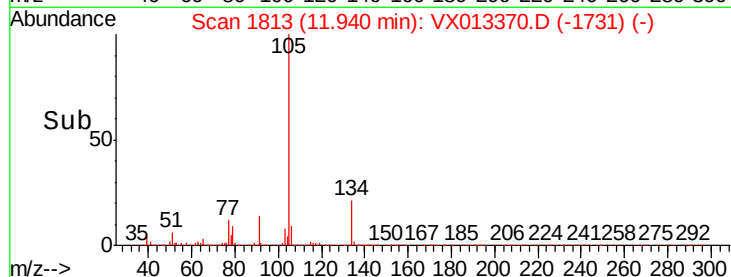
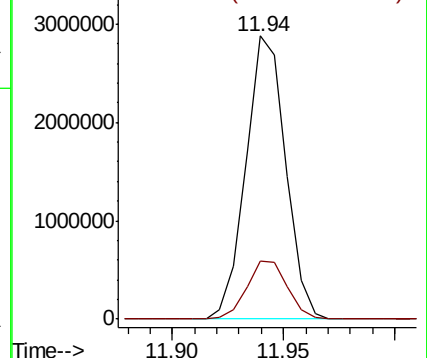
105 100

134 21.0 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 101.142 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

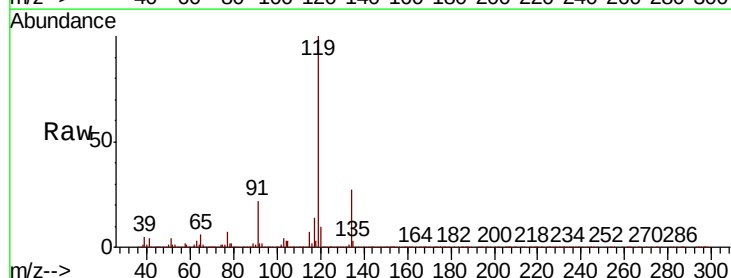
Tgt Ion:119 Resp: 3343683

Ion Ratio Lower Upper

119 100

134 26.7 0.0 51.6

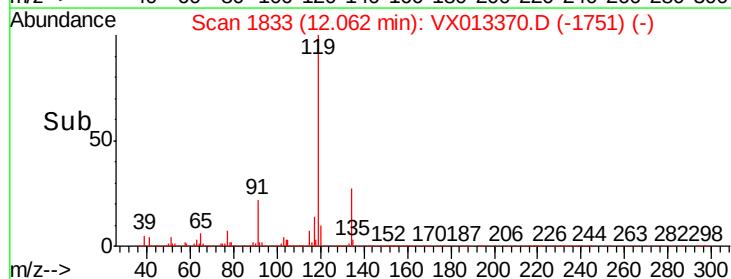
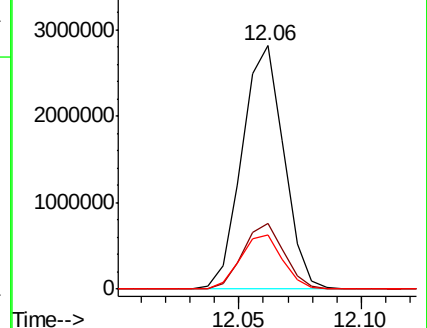
91 22.6 0.0 44.2

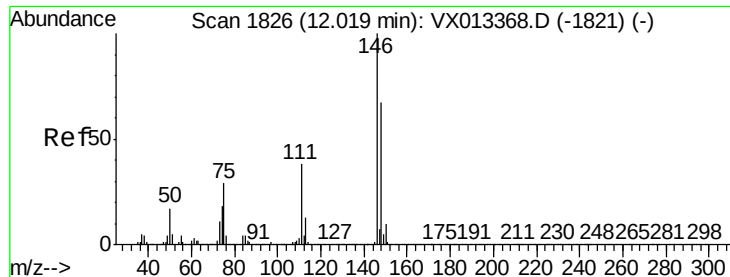


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 104.271 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

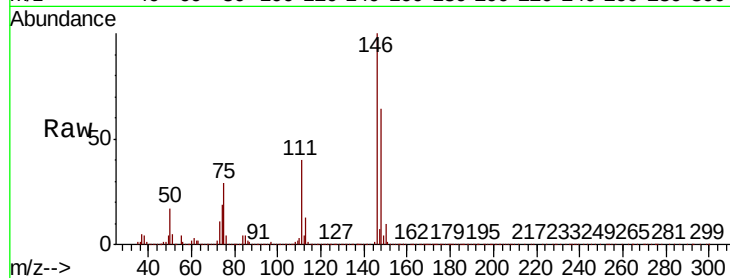
Tot Ion:146 Resp: 1726023

Ion Ratio Lower Upper

146 100

111 38.5 18.8 56.3

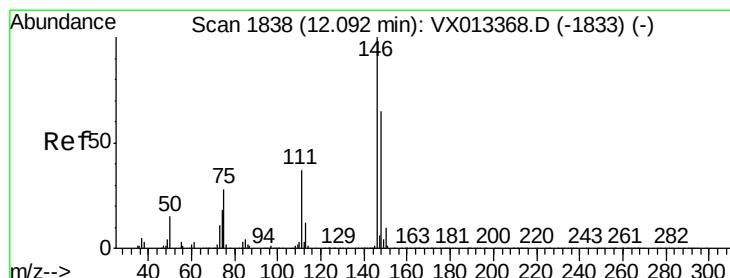
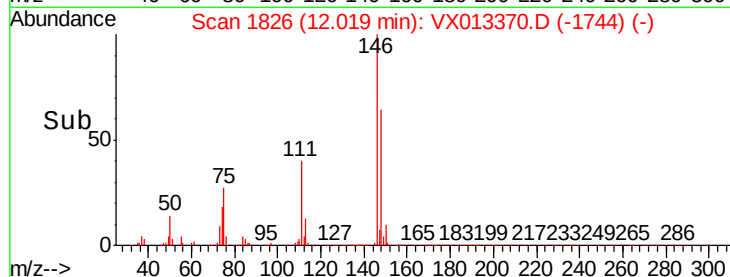
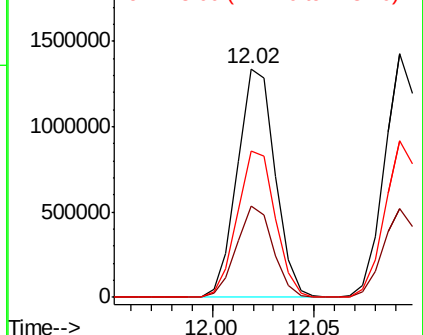
148 64.3 32.3 96.9



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: 105.727 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

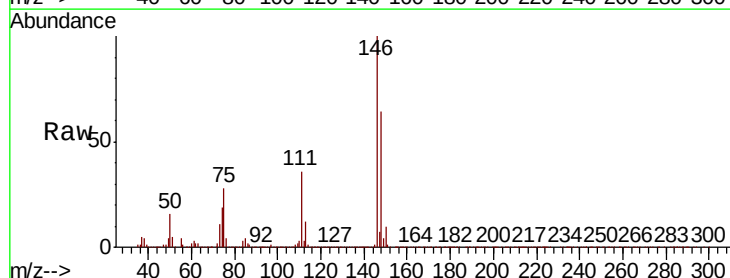
Tgt Ion:146 Resp: 1731162

Ion Ratio Lower Upper

146 100

111 36.4 18.6 55.6

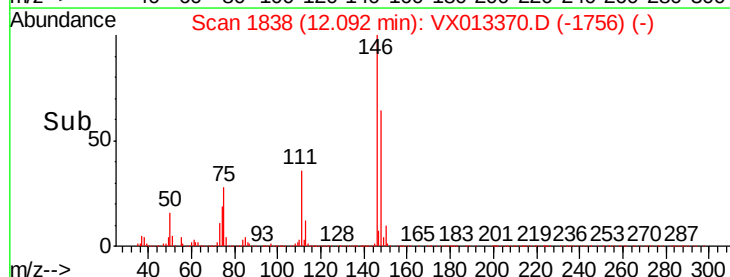
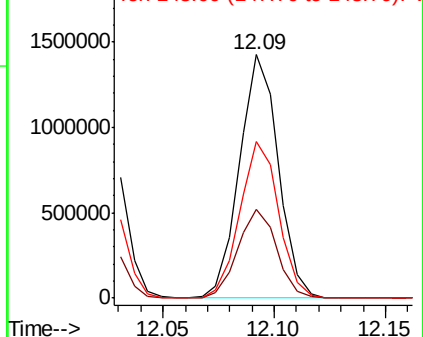
148 64.3 32.5 97.4

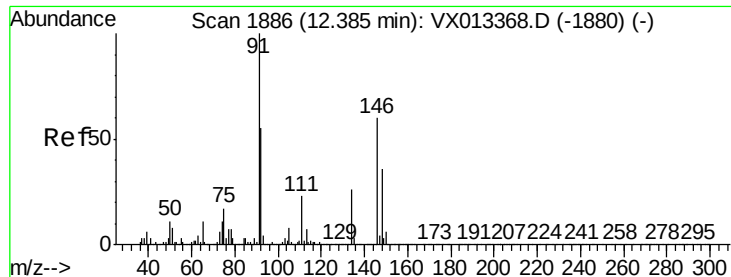


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 105.421 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

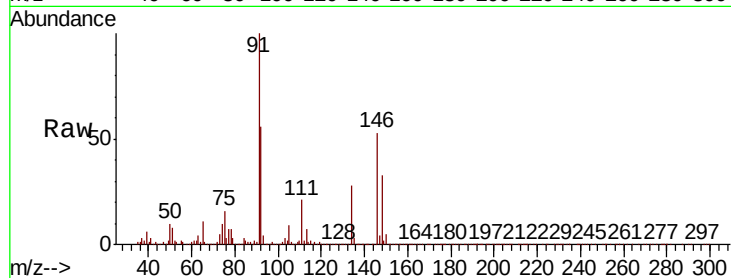
Tot Ion: 91 Resp: 2969280

Ion	Ratio	Lower	Upper
91	100		
92	55.3	0.0	109.0
134	27.4	0.0	53.0

91 100

92 55.3 0.0 109.0

134 27.4 0.0 53.0

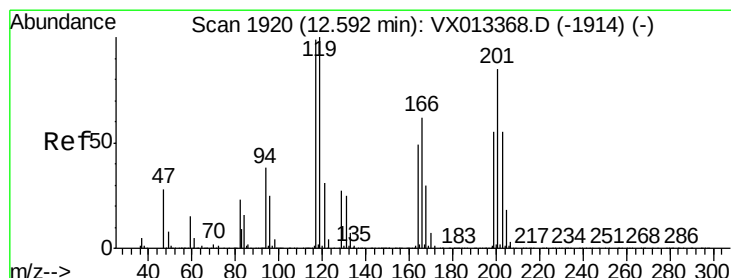
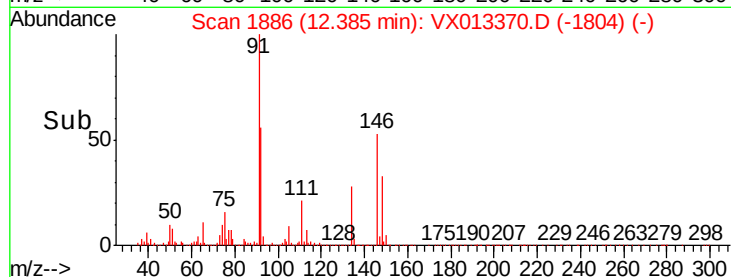
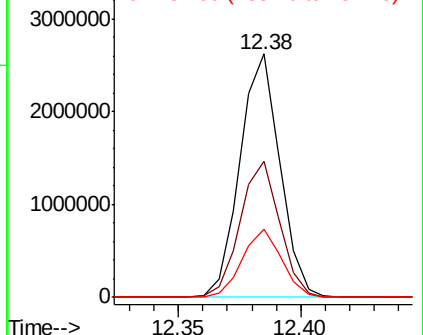


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 108.296 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013370.D

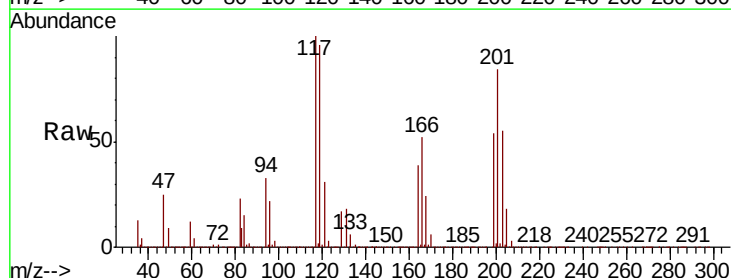
Acq: 11 Nov 2019 17:39

Tgt Ion: 117 Resp: 627841

Ion	Ratio	Lower	Upper
117	100		
201	87.1	44.5	133.3

117 100

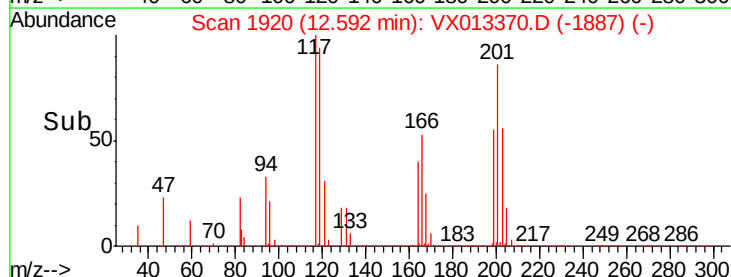
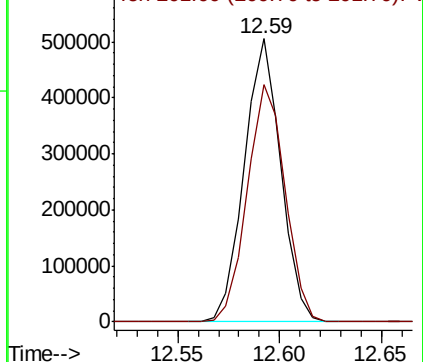
201 87.1 44.5 133.3

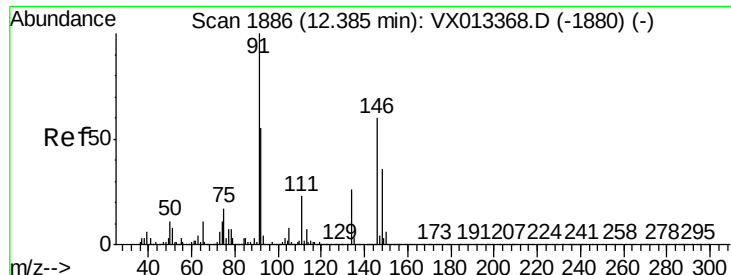


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

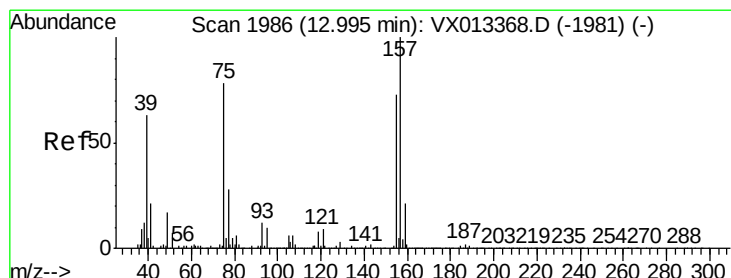
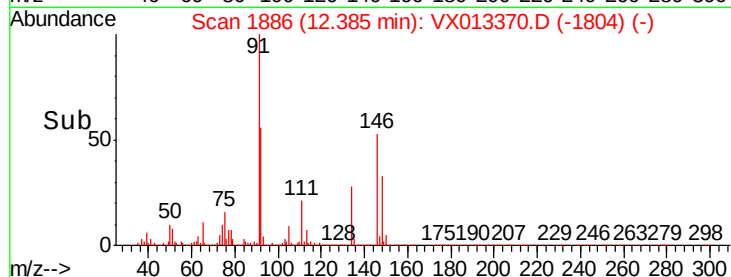
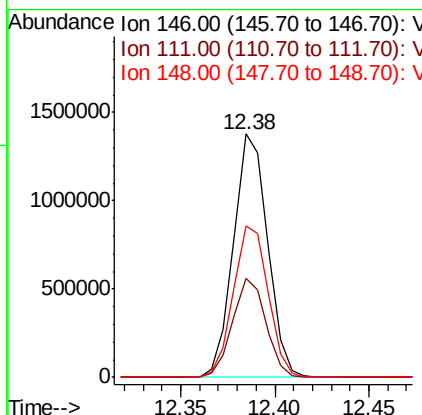
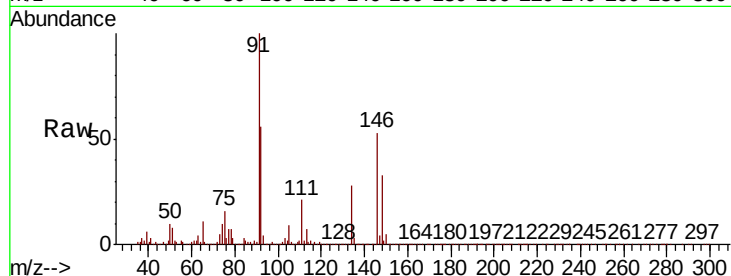




#87
 1,2-Dichlorobenzene
 Concen: 107.956 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

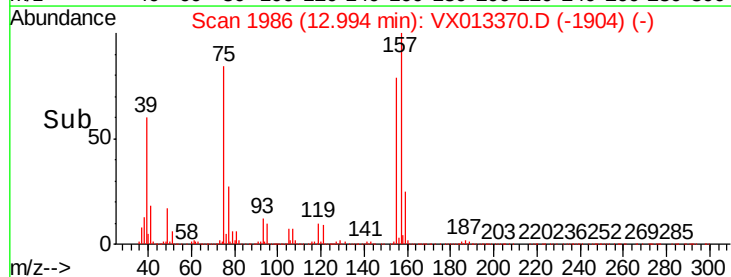
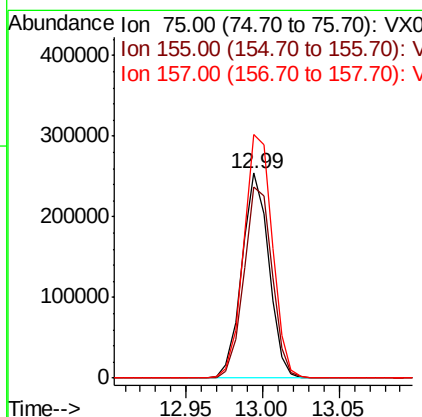
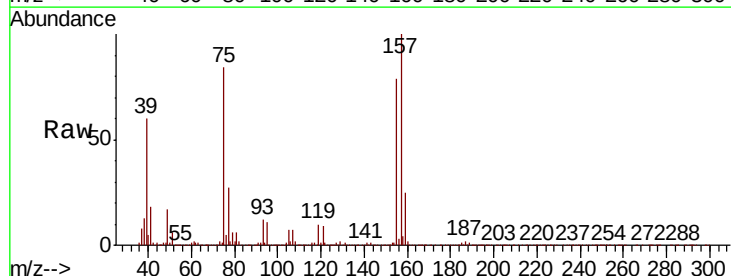
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

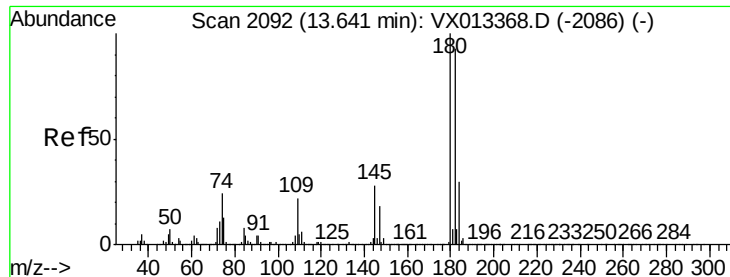
Tot Ion:146 Resp: 1737890
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.7
 148 63.5 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 110.188 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Tgt Ion: 75 Resp: 310647
 Ion Ratio Lower Upper
 75 100
 155 97.5 76.9 115.3
 157 125.7 101.2 151.8

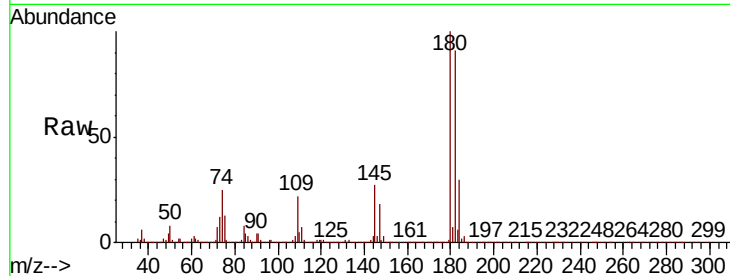




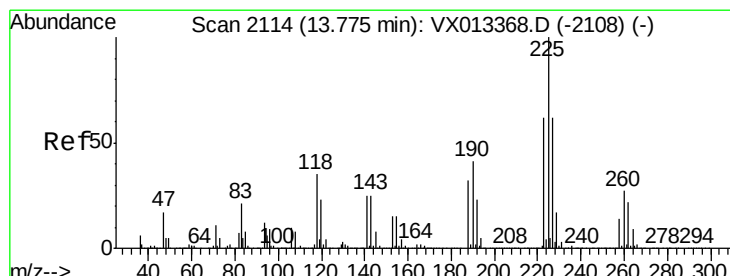
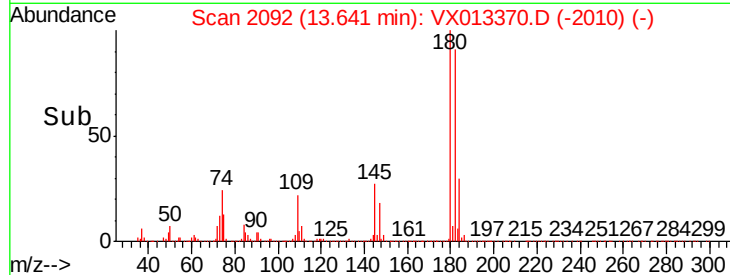
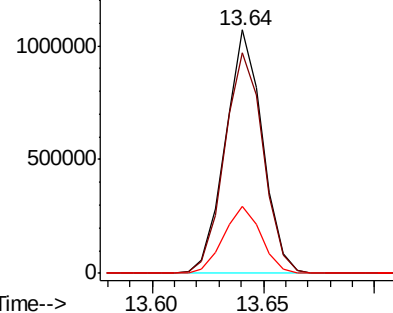
#89
 1,2,4-Trichlorobenzene
 Concen: 121.158 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion:180 Resp: 1242122
 Ion Ratio Lower Upper
 180 100
 182 94.4 74.7 112.1
 145 27.8 22.1 33.1

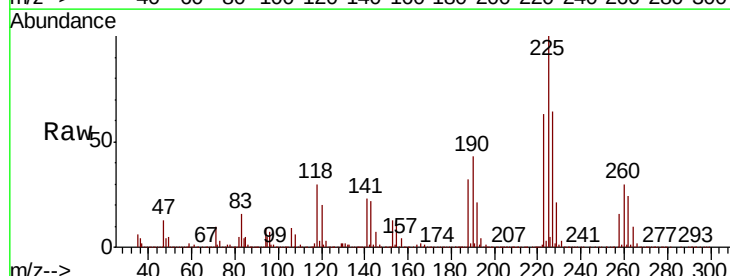


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

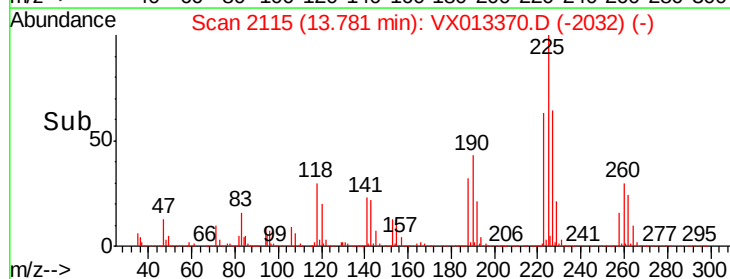
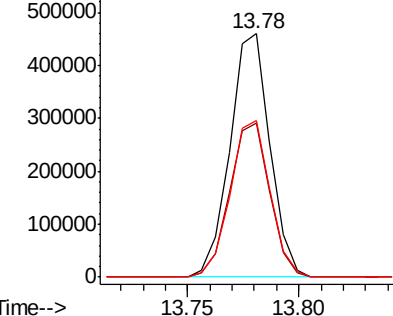


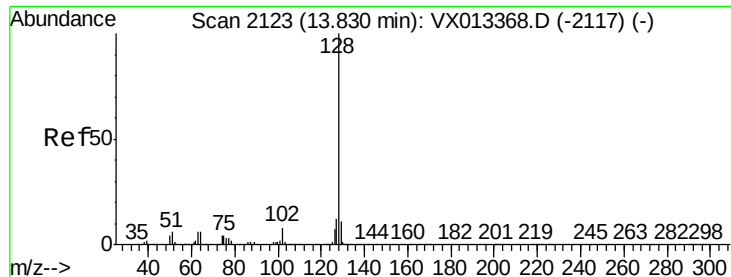
#90
 Hexachlorobutadiene
 Concen: 111.450 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013370.D
 Acq: 11 Nov 2019 17:39

Tgt Ion:225 Resp: 577524
 Ion Ratio Lower Upper
 225 100
 223 63.3 0.0 123.0
 227 64.1 0.0 121.8



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 118.812 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

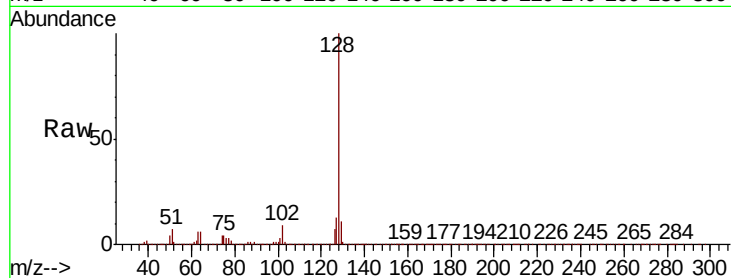
Tot Ion:128 Resp: 3939694

Ion Ratio Lower Upper

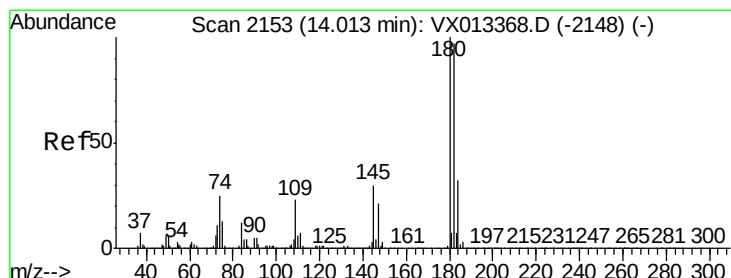
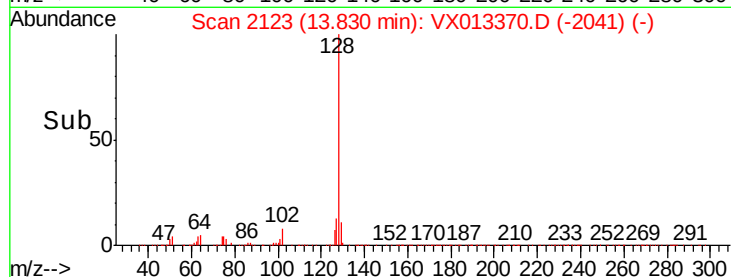
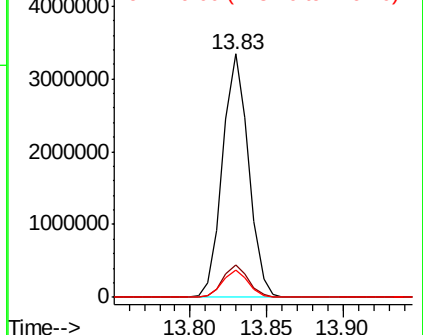
128 100

127 13.1 10.2 15.2

129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 117.491 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX013370.D

Acq: 11 Nov 2019 17:39

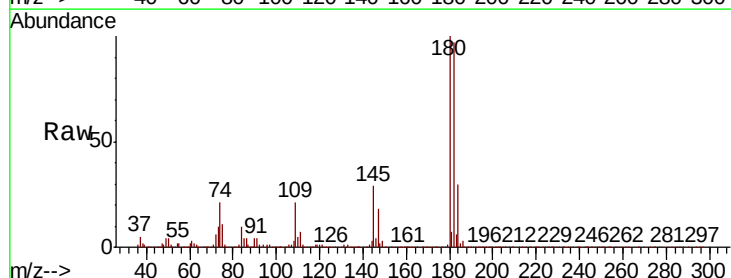
Tgt Ion:180 Resp: 1232310

Ion Ratio Lower Upper

180 100

182 97.2 0.0 191.0

145 30.7 0.0 59.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

