

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013656.D
 Acq On : 27 Nov 2019 16:55
 Operator : JC/SP
 Sample : VX1127WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS02

Quant Time: Nov 28 00:34:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	112808	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	626578	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	559953	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	236978	28.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.83%
60) 4-Bromofluorobenzene	11.14	95	266469	29.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.70%
63) Toluene-d8	8.71	98	754617	29.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	161105	19.061	ug/l 99
3) Chloromethane	1.32	50	180305	19.573	ug/l 99
4) Vinyl Chloride	1.40	62	203022	19.396	ug/l 97
5) Bromomethane	1.64	94	111173	17.667	ug/l 100
6) Chloroethane	1.72	64	114042	19.821	ug/l 98
7) Trichlorofluoromethane	1.92	101	220428	19.562	ug/l 99
8) Diethyl Ether	2.18	74	102152	19.854	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136973	20.204	ug/l 99
10) 1,1-Dichloroethene	2.37	96	131948	18.939	ug/l 98
11) Methyl Iodide	2.50	142	152118	17.683	ug/l 99
12) Methyl Acetate	2.76	43	235813	19.316	ug/l 97
13) Acrolein	2.28	56	113172	87.271	ug/l 98
14) Acrylonitrile	3.13	53	425050	94.682	ug/l 99
15) Acetone	2.43	58	142877	105.084	ug/l 96
16) Carbon Disulfide	2.56	76	348637	17.941	ug/l 99
17) Allyl chloride	2.72	41	235588	18.362	ug/l 98
18) Methylene Chloride	2.85	84	154005	19.483	ug/l 98
19) trans-1,2-Dichloroethene	3.15	96	145659	19.562	ug/l 97
20) Diisopropyl ether	3.84	45	475881	19.279	ug/l 89
21) 1,1-Dichloroethane	3.69	63	260666	19.388	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	165803	19.531	ug/l 97
23) tert-Butyl Alcohol	3.03	59	184206	85.263	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	446240	19.353	ug/l 100
25) Chloroform	5.20	83	258067	19.610	ug/l 96
26) Cyclohexane	5.57	56	233145	19.096	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	193985	20.270	ug/l 99
30) 2-Butanone	4.65	43	638872	101.137	ug/l 100
31) 2,2-Dichloropropane	4.58	77	206743	19.947	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	212441	19.971	ug/l 98
33) Carbon Tetrachloride	5.78	117	181650	19.660	ug/l 98
34) Benzene	6.14	78	596642	20.554	ug/l 99
35) Methacrylonitrile	5.03	41	124869	19.795	ug/l 97
36) 1,2-Dichloroethane	6.18	62	206523	20.326	ug/l 99
37) Trichloroethene	7.20	130	158605	20.395	ug/l 95
38) Methylcyclohexane	7.46	83	233426	19.892	ug/l 99
39) 1,2-Dichloropropane	7.51	63	150215	20.013	ug/l 95
40) Dibromomethane	7.65	93	98434	19.706	ug/l 97

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Quant Time: Nov 28 00:34:54 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	188837	19.366	ug/l	98
42) Vinyl Acetate	3.80	43	1906310	95.852	ug/l	100
43) Ethyl Acetate	4.82	43	230416	19.999	ug/l	94
44) Isopropyl Acetate	6.43	43	357134	19.284	ug/l	98
45) 1,4-Dioxane	7.73	88	73193	357.970	ug/l	100
46) Methyl methacrylate	7.76	41	176897	19.202	ug/l	97
47) n-amyl Acetate	10.89	43	306195	18.849	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	205535	18.797	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	235751	19.677	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	149359	20.206	ug/l	96
51) Ethyl methacrylate	9.17	69	238558	19.602	ug/l	98
52) 1,3-Dichloropropane	9.37	76	257697	20.393	ug/l	99
53) Dibromochloromethane	9.58	129	154816	19.762	ug/l	94
54) 1,2-Dibromoethane	9.67	107	157134	19.881	ug/l	95
55) 2-Chloroethyl vinyl ether	8.31	63	484987	93.265	ug/l	99
56) Bromoform	10.85	173	115352	18.502	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1167370	99.796	ug/l	100
59) 2-Hexanone	9.48	43	911430	98.475	ug/l	99
61) Tetrachloroethene	9.33	164	170224	24.653	ug/l	99
62) Toluene	8.78	91	639312	20.497	ug/l	99
64) Chlorobenzene	10.14	112	395457	20.278	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	145452	19.925	ug/l	99
66) Ethyl Benzene	10.25	91	697819	20.365	ug/l	100
67) m/p-Xylenes	10.35	106	529389	40.051	ug/l	98
68) o-Xylene	10.70	106	259765	20.364	ug/l	98
69) Styrene	10.71	104	435883	20.011	ug/l	99
70) Isopropylbenzene	11.01	105	691142	20.562	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	239574	19.906	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	266290	26.204	ug/l	79
73) Bromobenzene	11.25	156	179866	20.291	ug/l	98
74) n-propylbenzene	11.35	91	783248	20.504	ug/l	99
75) 2-Chlorotoluene	11.42	91	463042	20.384	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	565506	20.016	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	73054	17.779	ug/l	92
78) 4-Chlorotoluene	11.51	91	520723	20.008	ug/l	99
79) tert-butylbenzene	11.76	119	539312	18.919	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	567933	20.172	ug/l	100
81) sec-Butylbenzene	11.94	105	656869	20.197	ug/l	99
82) p-Isopropyltoluene	12.06	119	614050	20.492	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	310637	19.933	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	313557	20.270	ug/l	98
85) n-Butylbenzene	12.39	91	525511	20.319	ug/l	99
86) Hexachloroethane	12.59	117	102274	18.599	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	312511	20.054	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	48801	18.132	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	215326	20.040	ug/l	98
90) Hexachlorobutadiene	13.78	225	102767	19.959	ug/l	97
91) Naphthalene	13.83	128	673745	19.804	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	220956	20.348	ug/l	99

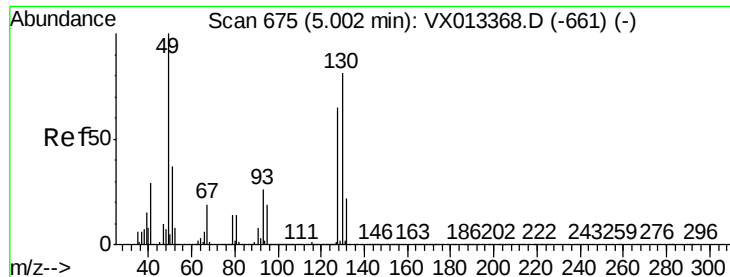
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

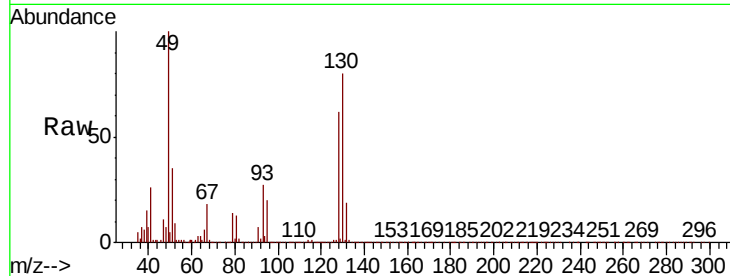
Tot Ion:128 Resp: 112808

Ion Ratio Lower Upper

128 100

49 152.8 0.0 388.3

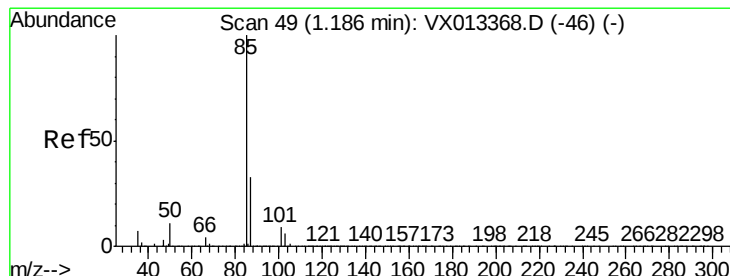
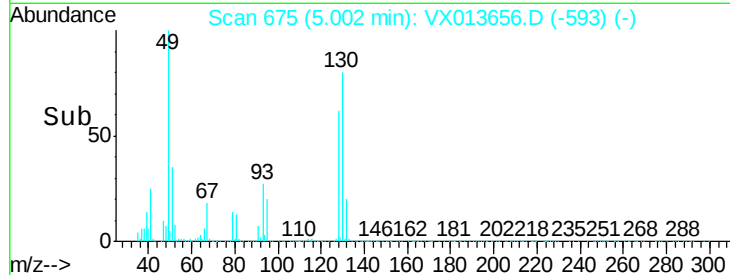
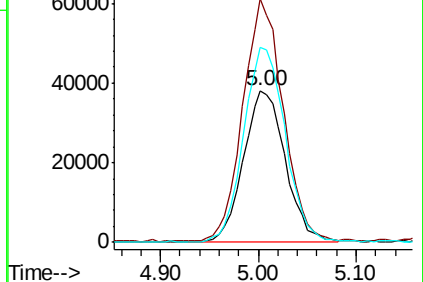
130 128.4 0.0 318.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.061 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013656.D

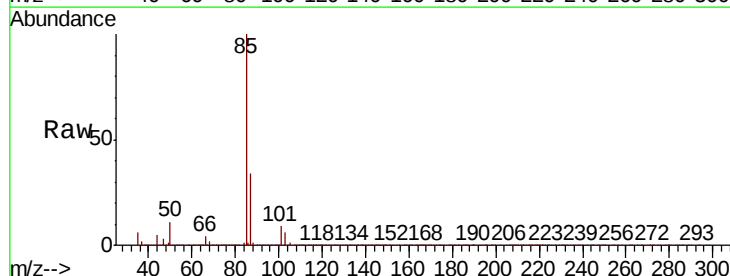
Acq: 27 Nov 2019 16:55

Tgt Ion: 85 Resp: 161105

Ion Ratio Lower Upper

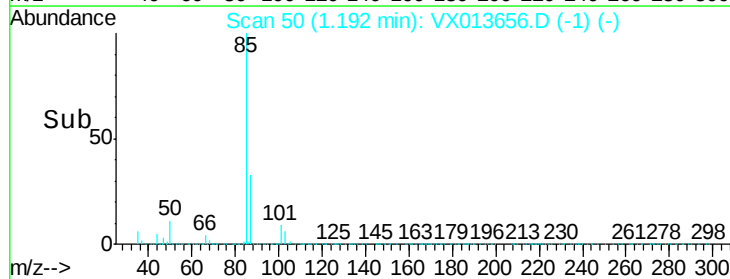
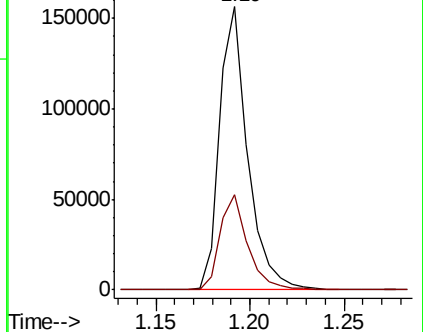
85 100

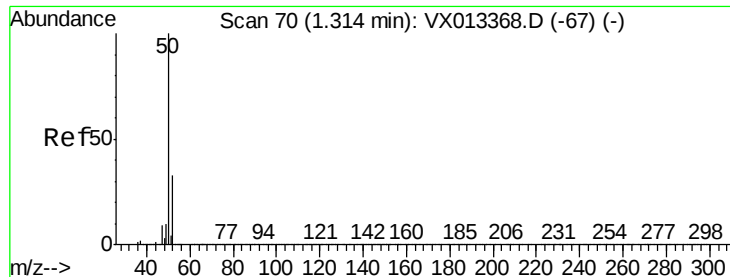
87 33.4 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

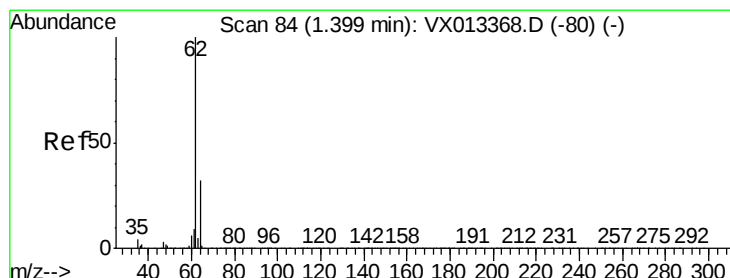
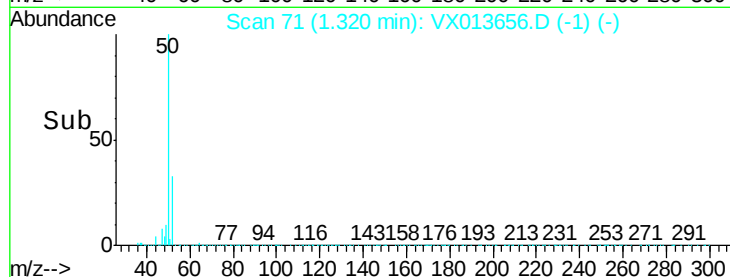
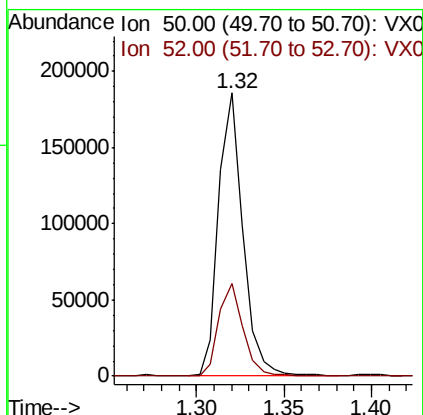
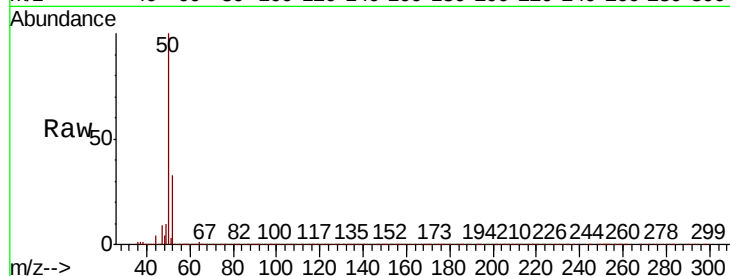




#3
Chloromethane
Concen: 19.573 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

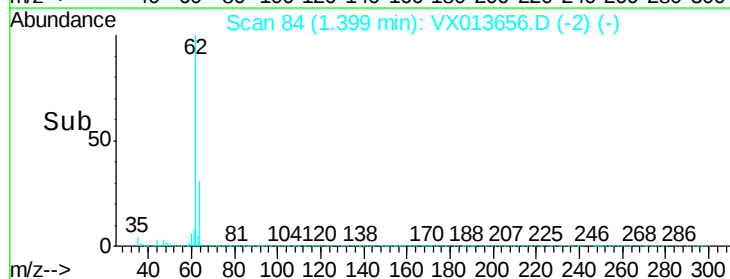
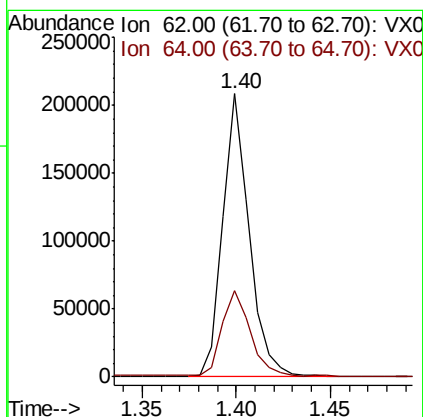
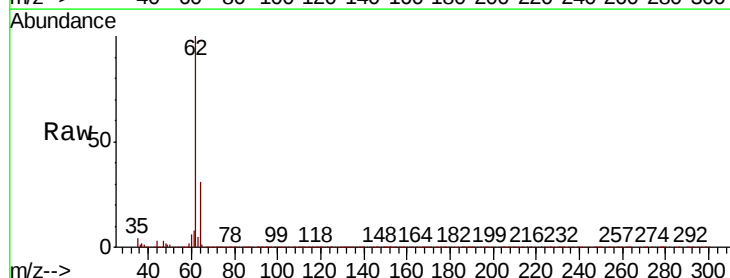
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

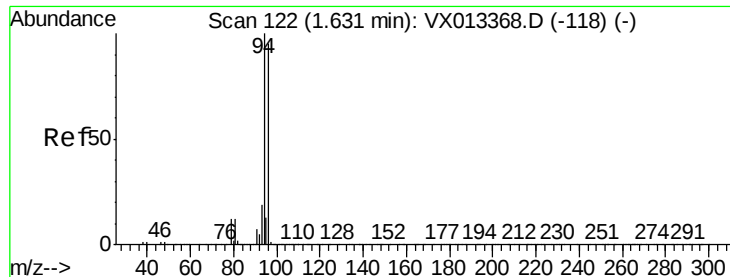
Tot Ion: 50 Resp: 180305
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 19.396 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion: 62 Resp: 203022
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.2





#5

Bromomethane

Concen: 17.667 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

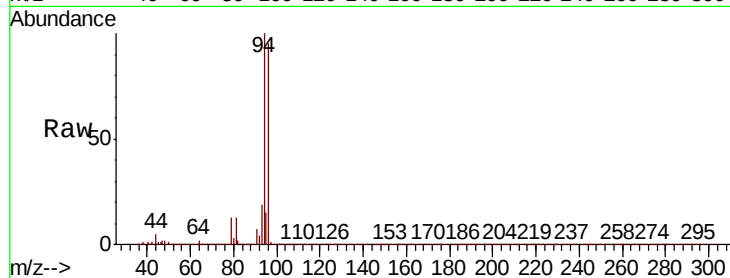
VX1127WBS02

Tot Ion: 94 Resp: 111173

Ion Ratio Lower Upper

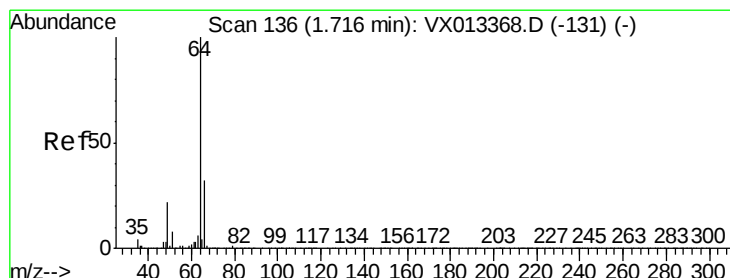
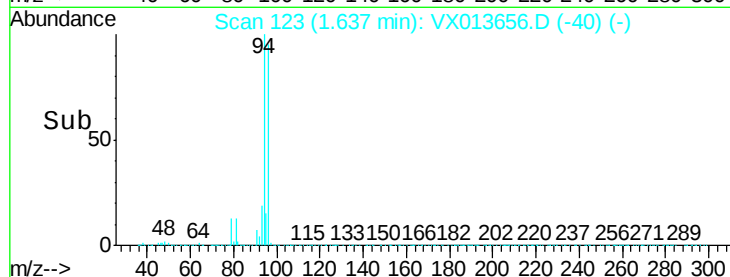
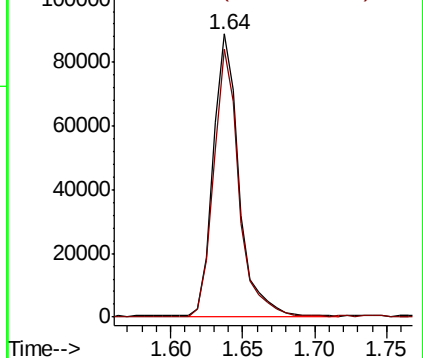
94 100

96 94.7 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.821 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX013656.D

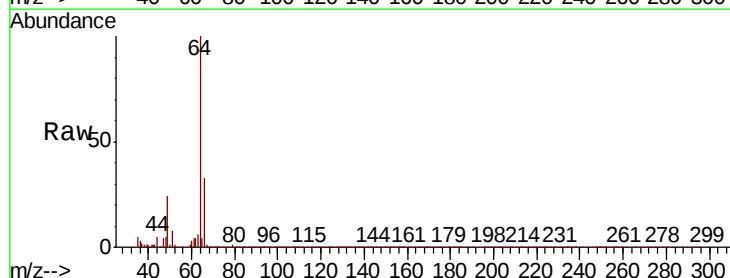
Acq: 27 Nov 2019 16:55

Tgt Ion: 64 Resp: 114042

Ion Ratio Lower Upper

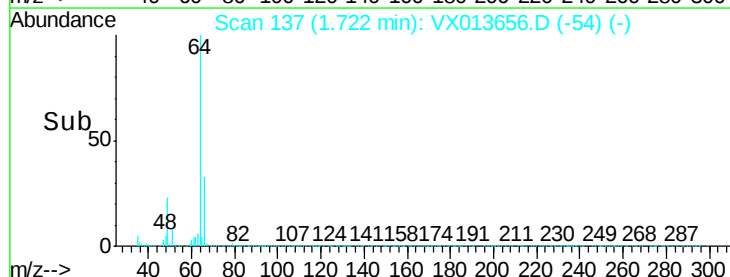
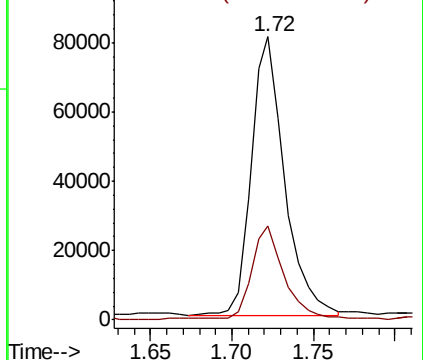
64 100

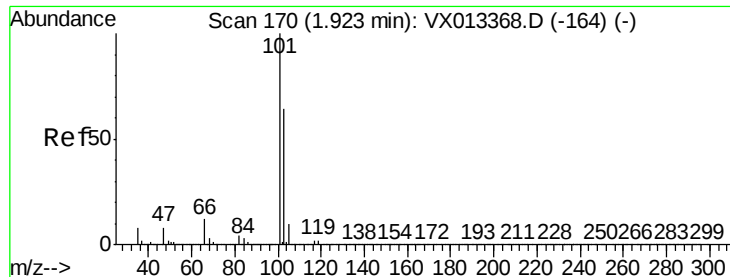
66 33.2 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



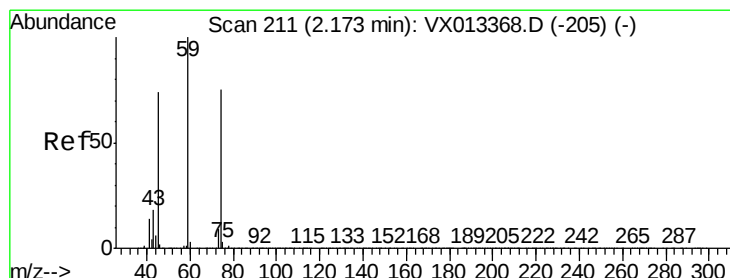
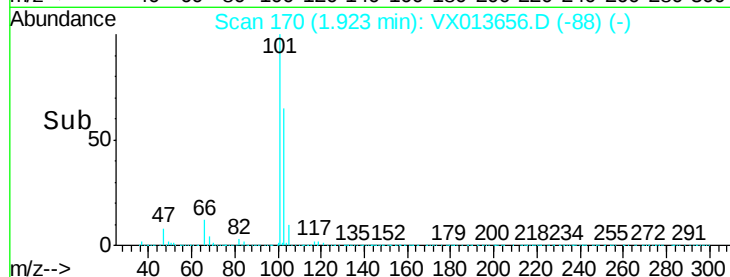
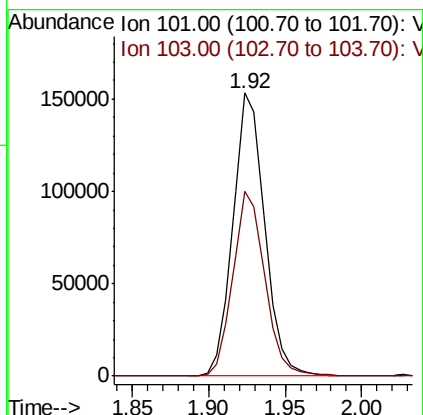
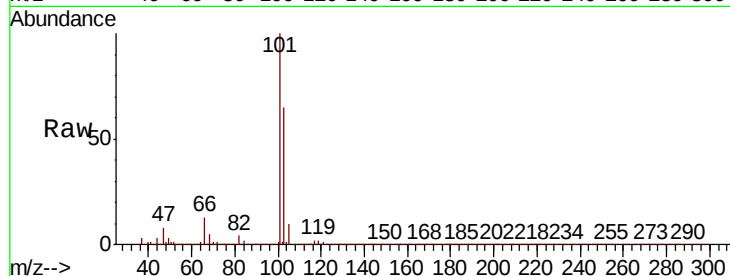


#7

Trichlorofluoromethane
Concen: 19.562 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

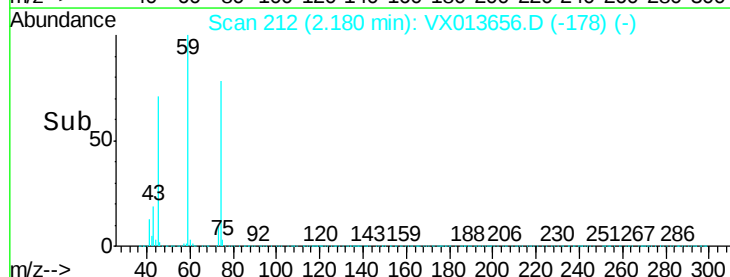
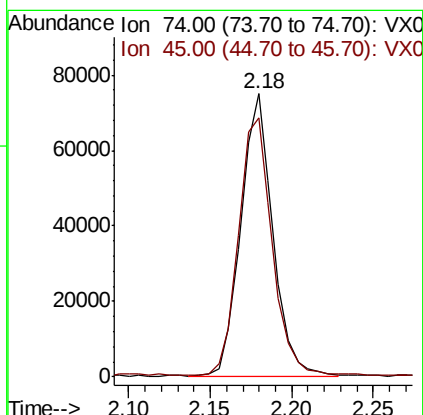
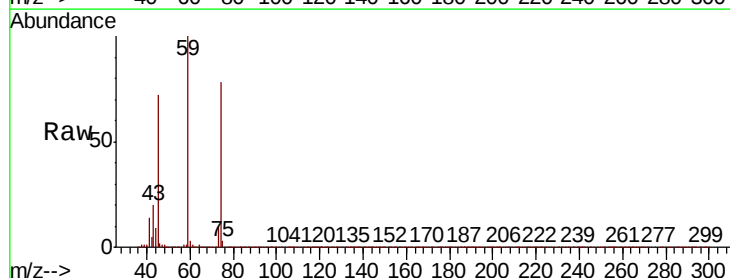
Tot Ion:101 Resp: 220428
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8

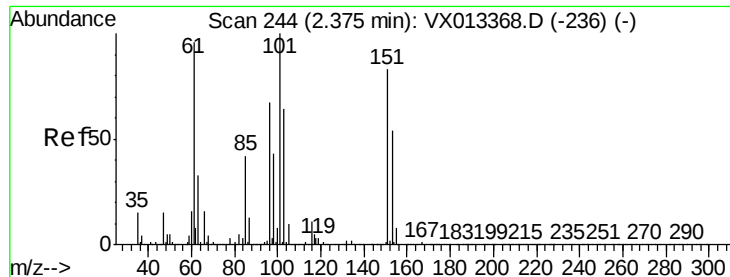


#8

Diethyl Ether
Concen: 19.854 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion: 74 Resp: 102152
Ion Ratio Lower Upper
74 100
45 96.6 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.204 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

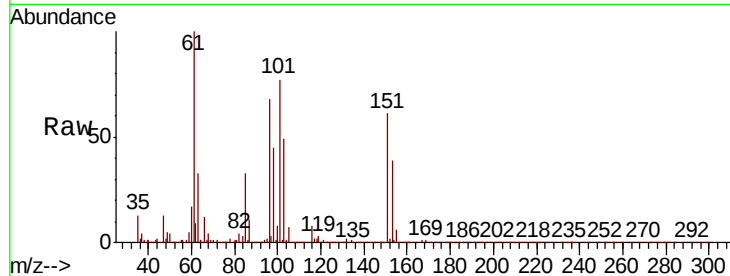
Tot Ion:101 Resp: 136973

Ion Ratio Lower Upper

101 100

85 41.0 0.0 83.2

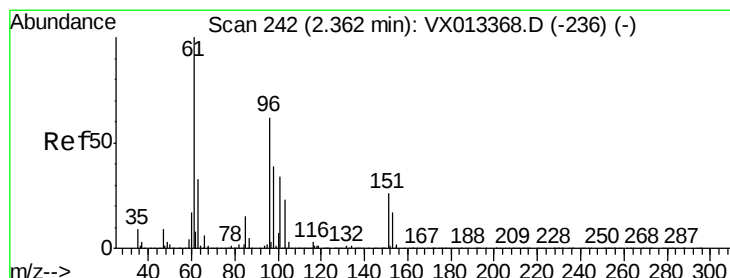
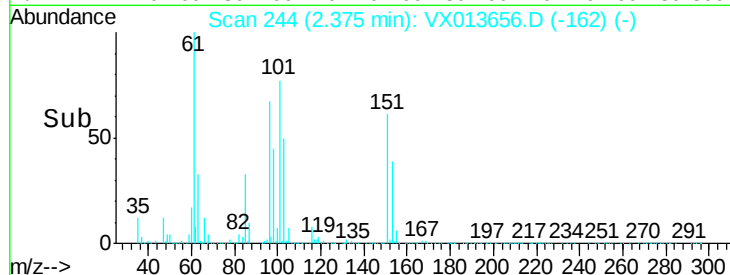
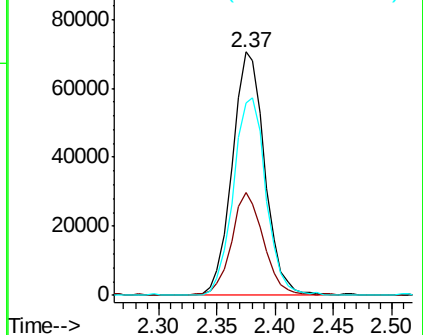
151 81.3 0.0 163.8



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: 18.939 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

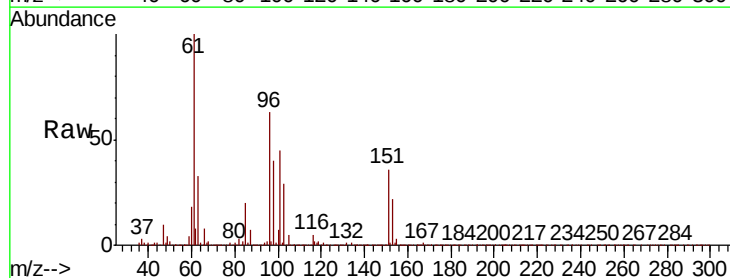
Tgt Ion: 96 Resp: 131948

Ion Ratio Lower Upper

96 100

61 157.6 128.9 193.3

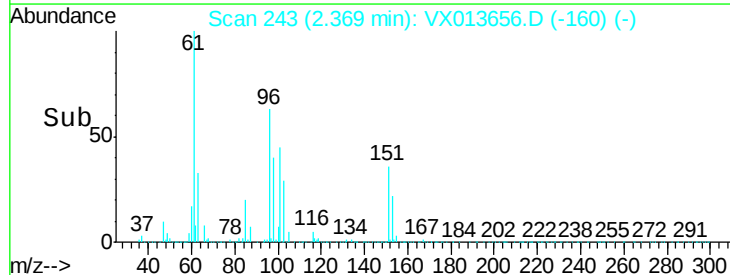
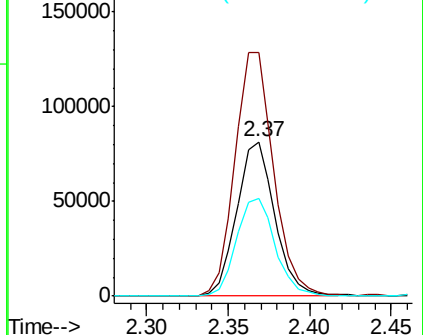
98 63.2 49.7 74.5

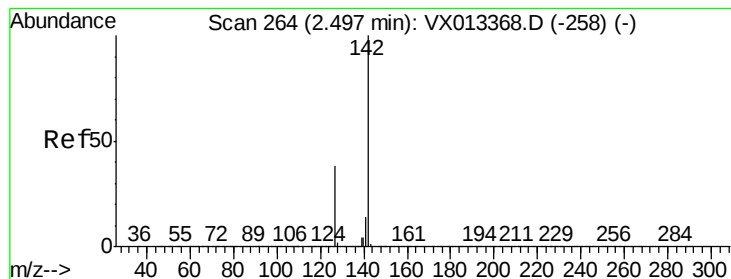


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 17.683 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

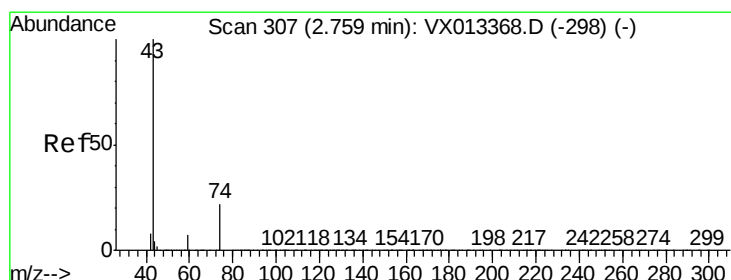
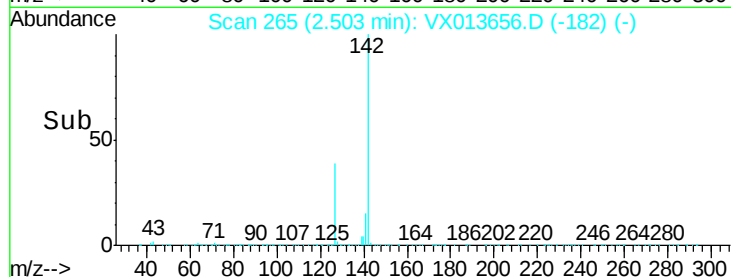
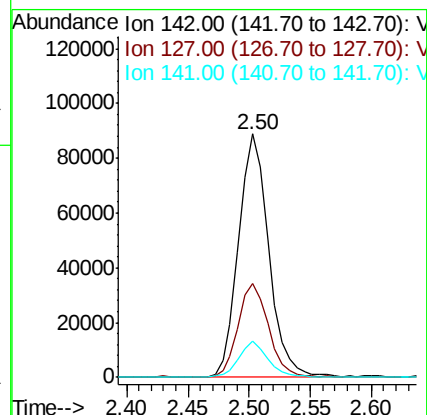
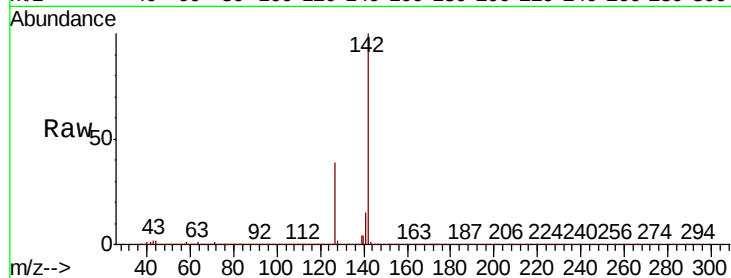
Tot Ion:142 Resp: 152118

Ion Ratio Lower Upper

142 100

127 38.7 19.1 57.5

141 15.0 7.0 21.0



#12

Methyl Acetate

Concen: 19.316 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013656.D

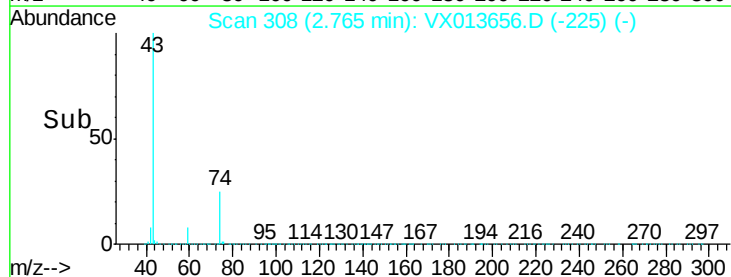
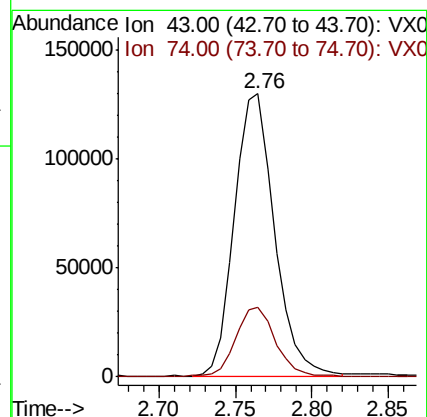
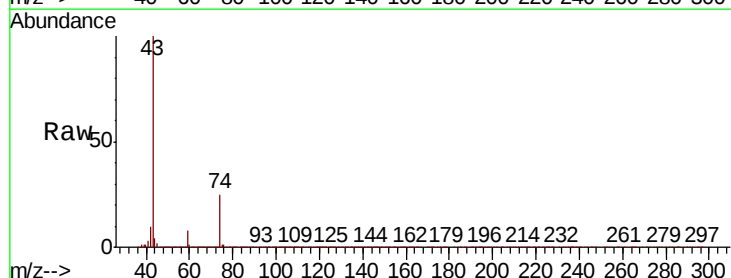
Acq: 27 Nov 2019 16:55

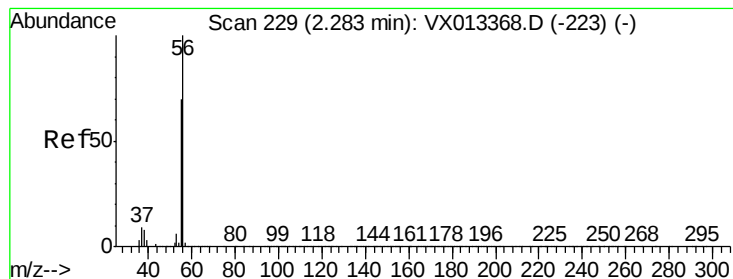
Tgt Ion: 43 Resp: 235813

Ion Ratio Lower Upper

43 100

74 24.2 18.0 27.0





#13

Acrolein

Concen: 87.271 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

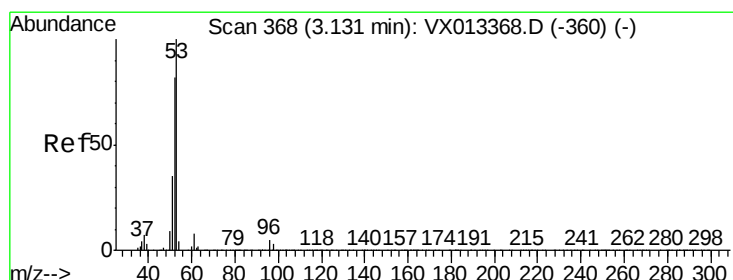
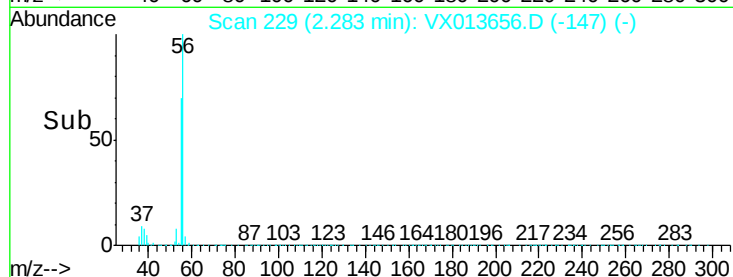
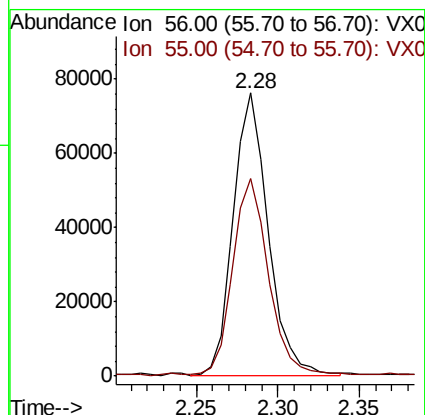
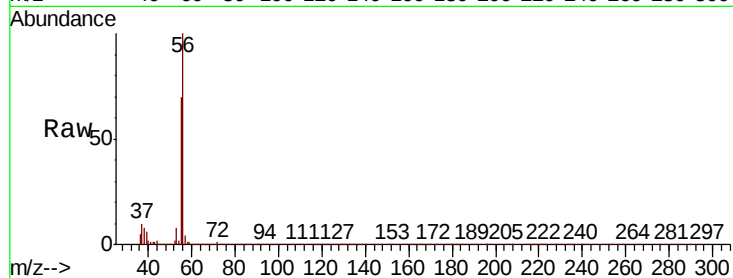
VX1127WBS02

Tot Ion: 56 Resp: 113172

Ion Ratio Lower Upper

56 100

55 71.2 55.8 83.8



#14

Acrylonitrile

Concen: 94.682 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

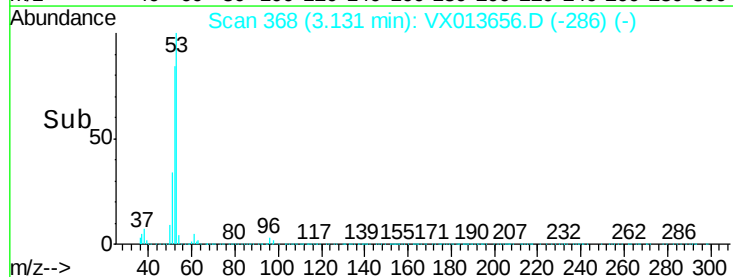
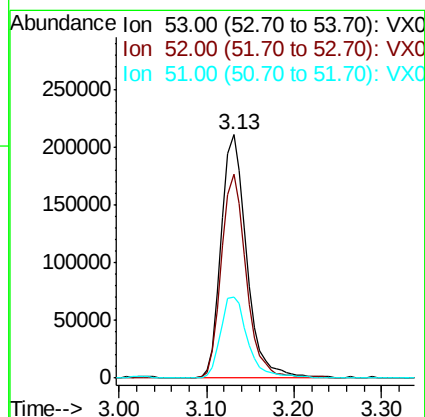
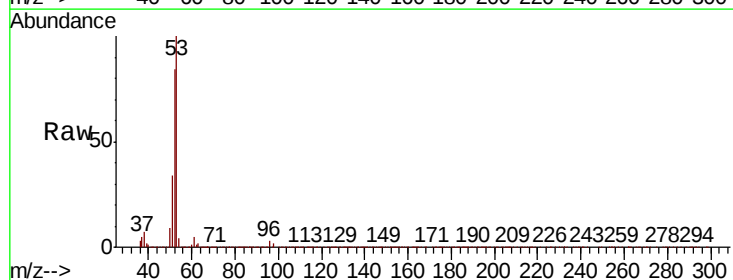
Tgt Ion: 53 Resp: 425050

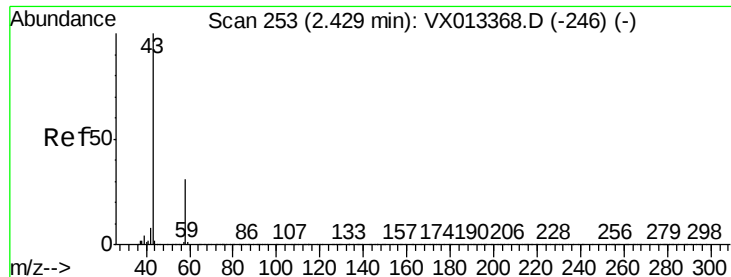
Ion Ratio Lower Upper

53 100

52 81.7 41.0 123.0

51 35.5 17.3 51.9





#15

Acetone

Concen: 105.084 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

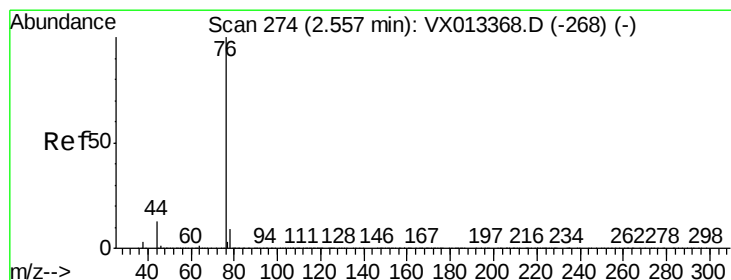
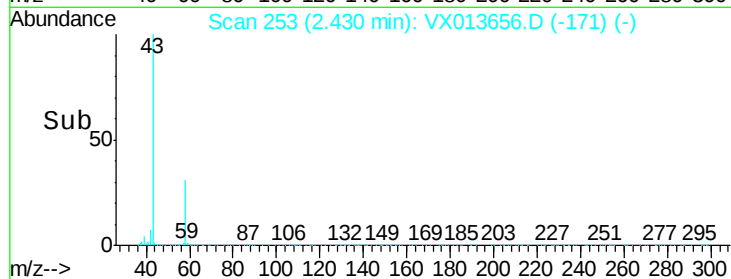
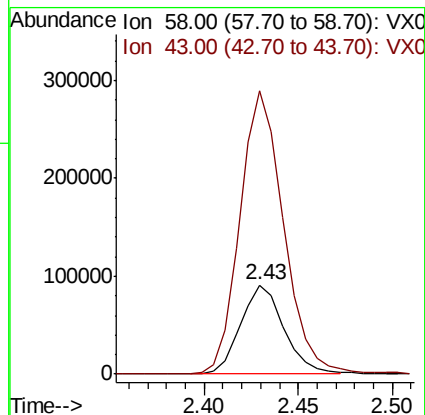
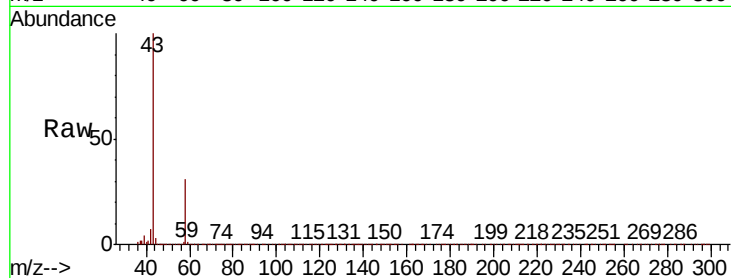
VX1127WBS02

Tot Ion: 58 Resp: 142877

Ion Ratio Lower Upper

58 100

43 318.5 261.4 392.2



#16

Carbon Disulfide

Concen: 17.941 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013656.D

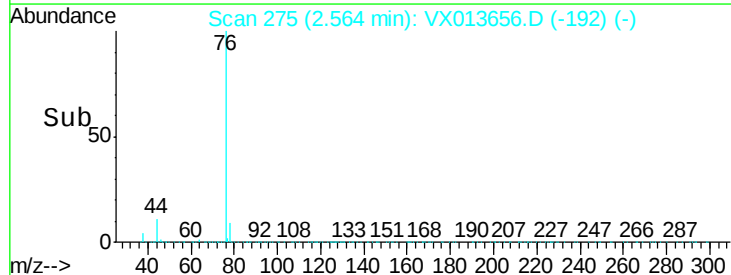
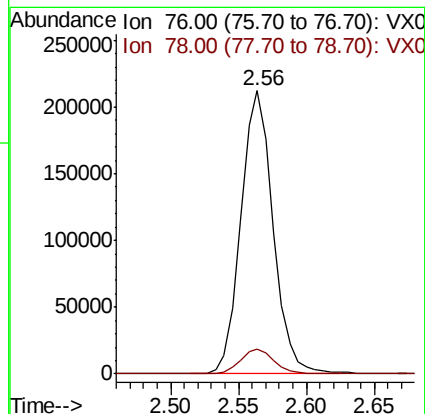
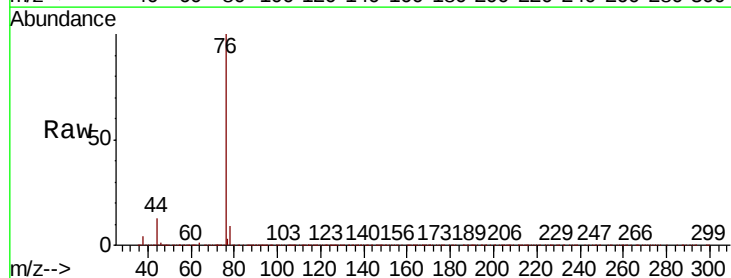
Acq: 27 Nov 2019 16:55

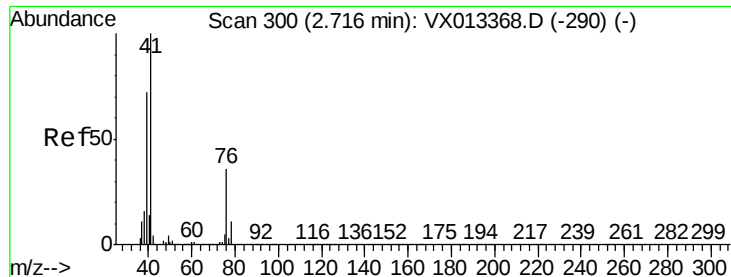
Tgt Ion: 76 Resp: 348637

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

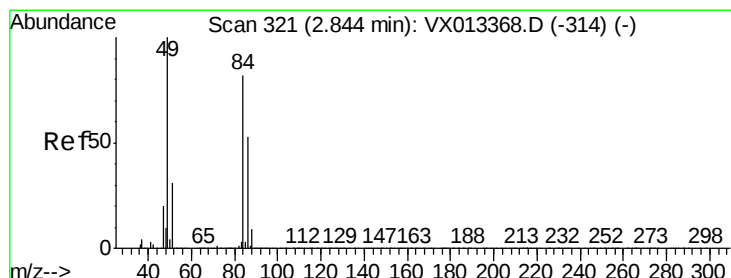
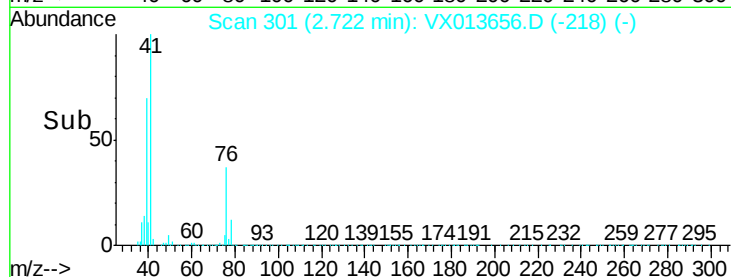
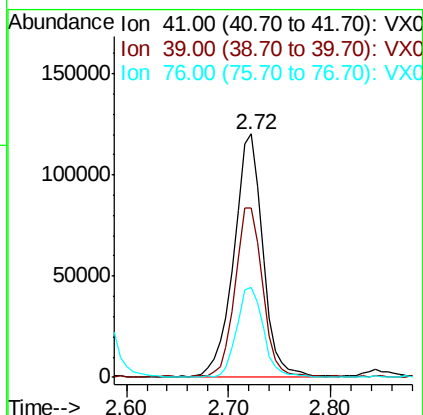
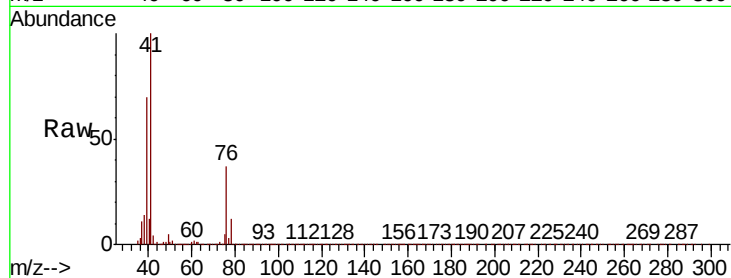




#17
Allvl chloride
Concen: 18.362 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

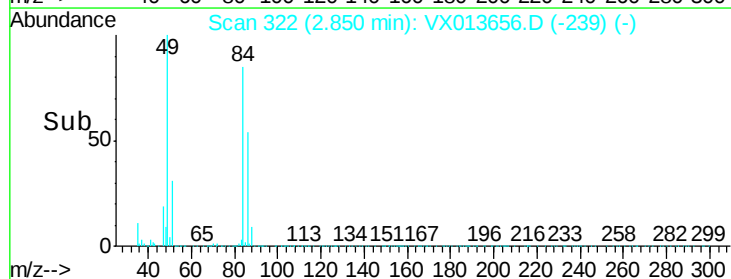
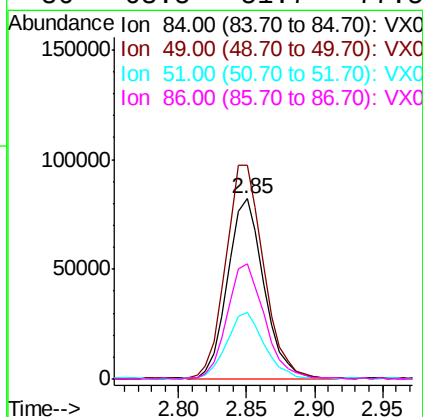
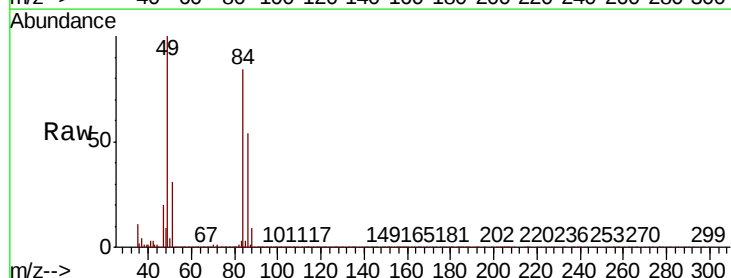
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

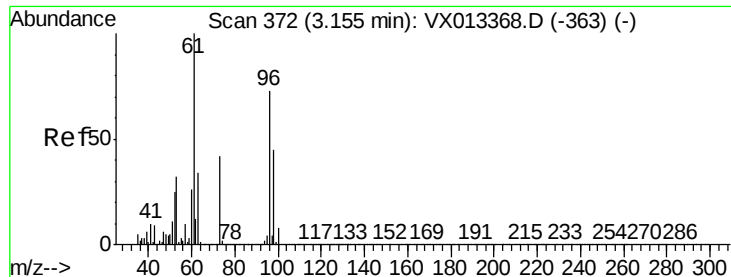
Tot Ion: 41 Resp: 235588
Ion Ratio Lower Upper
41 100
39 69.7 36.1 108.3
76 36.9 18.1 54.4



#18
Methylene Chloride
Concen: 19.483 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion: 84 Resp: 154005
Ion Ratio Lower Upper
84 100
49 118.2 96.8 145.2
51 36.6 30.0 45.0
86 63.5 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 19.562 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

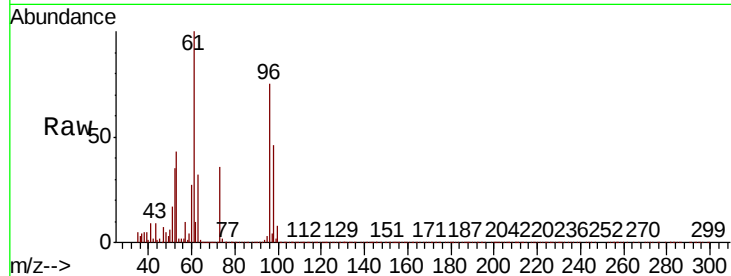
Tot Ion: 96 Resp: 145659

Ion Ratio Lower Upper

96 100

61 133.5 109.9 164.9

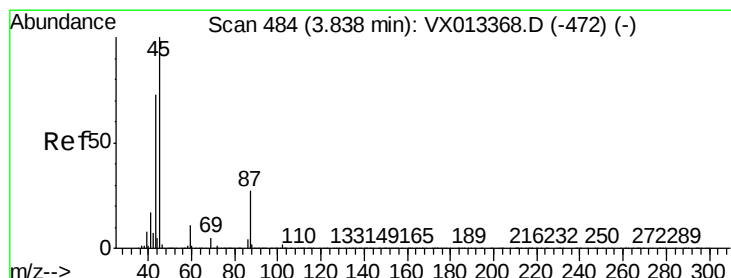
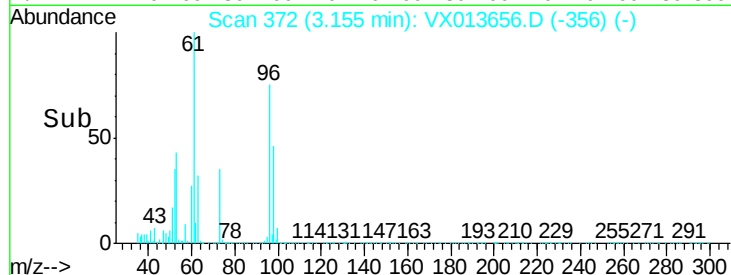
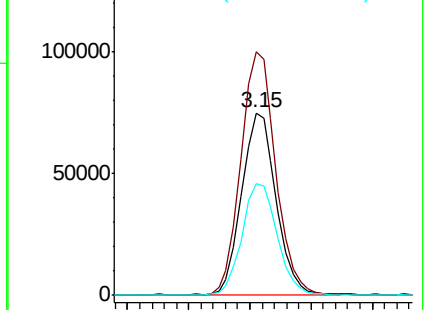
98 61.1 49.7 74.5



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: 19.279 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Tgt Ion: 45 Resp: 475881

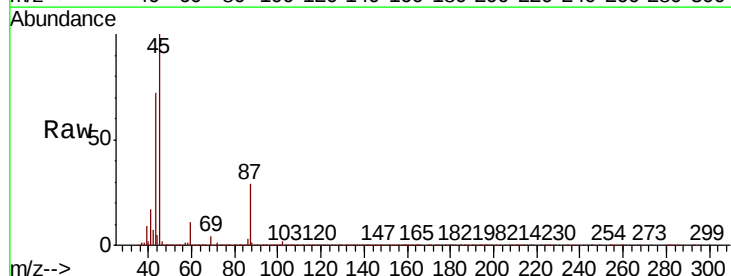
Ion Ratio Lower Upper

45 100

43 70.6 67.7 101.5

87 28.5 21.5 32.3

59 11.3 8.5 12.7

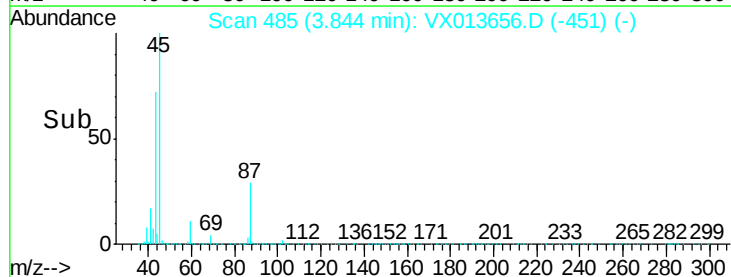
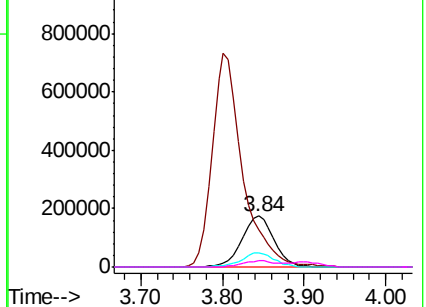


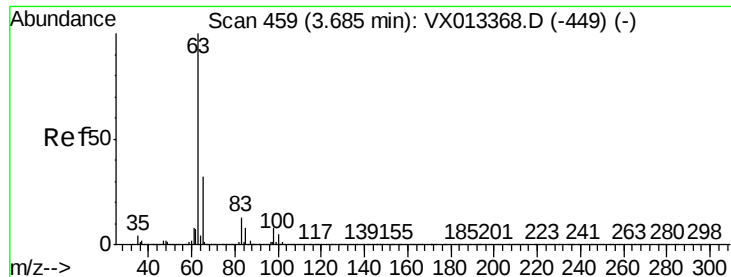
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

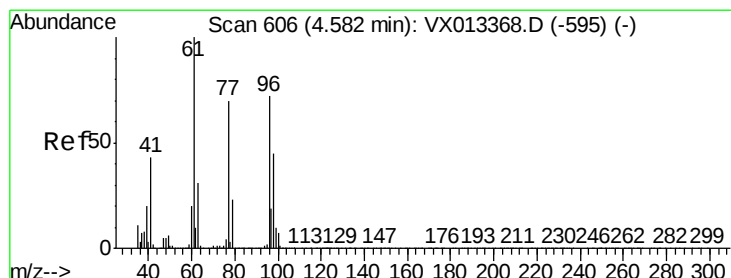
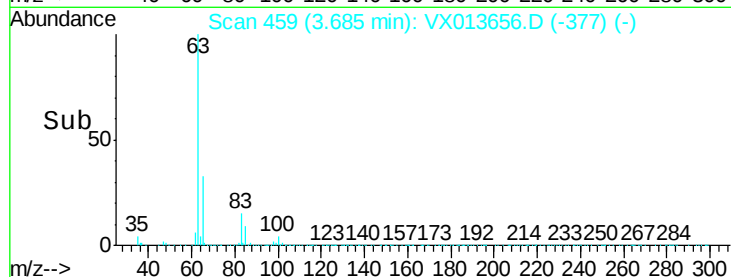
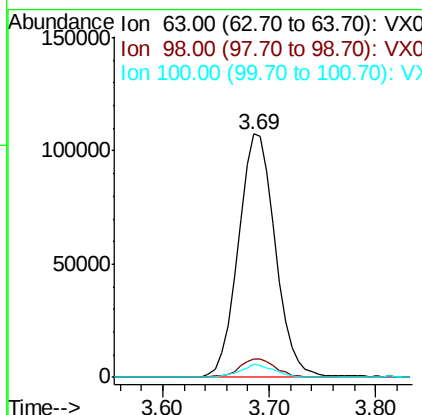
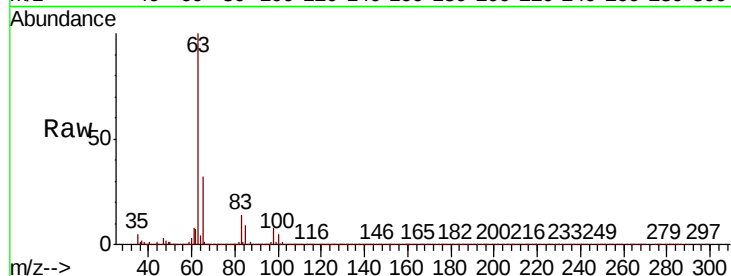




#21
 1,1-Dichloroethane
 Concen: 19.388 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

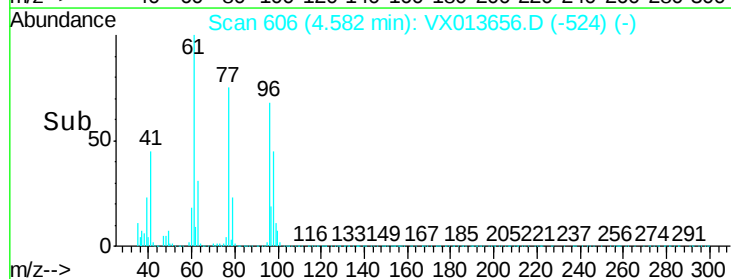
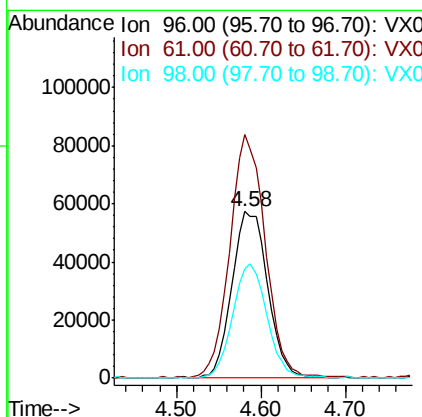
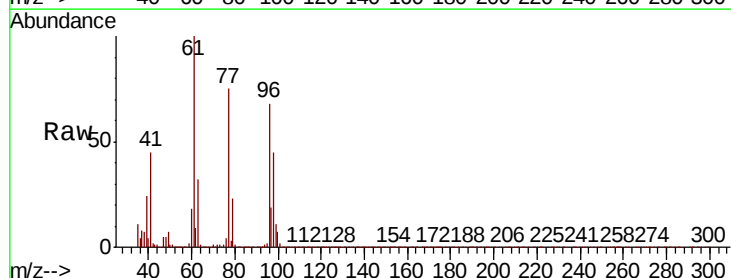
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS02

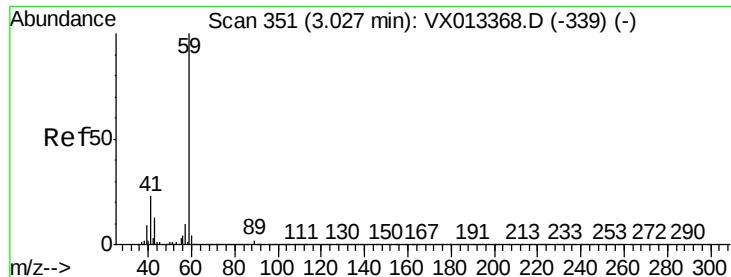
Tot Ion:	63	Resp:	260666
Ion	Ratio	Lower	Upper
63	100		
98	7.6	4.0	11.9
100	5.2	2.5	7.5



#22
 cis-1,2-Dichloroethene
 Concen: 19.531 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

Tgt Ion:	96	Resp:	165803
Ion	Ratio	Lower	Upper
96	100		
61	142.5	117.0	175.6
98	65.3	51.1	76.7





#23

tert-Butyl Alcohol

Concen: 85.263 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

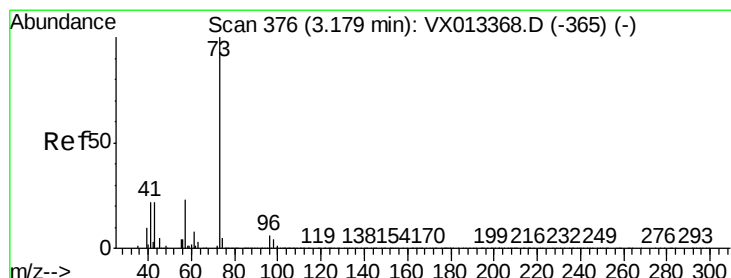
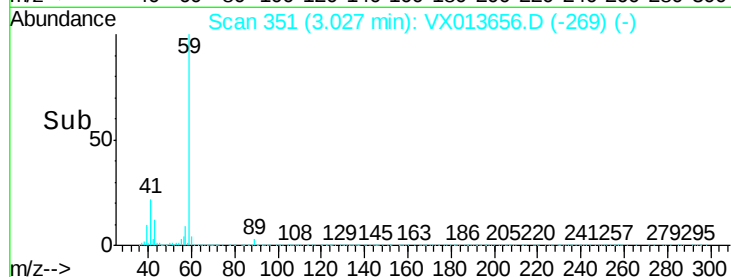
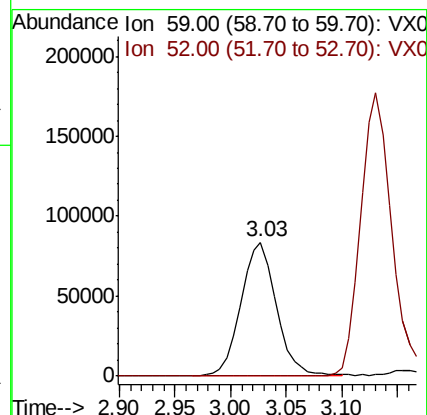
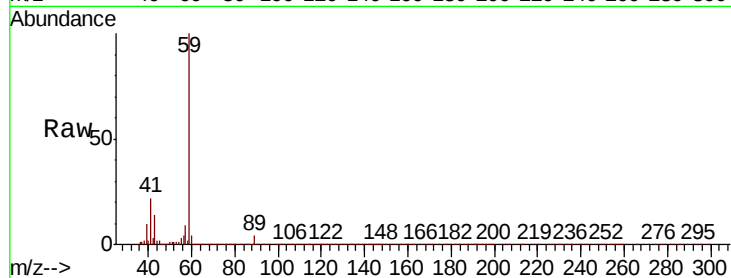
VX1127WBS02

Tot Ion: 59 Resp: 184206

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 19.353 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013656.D

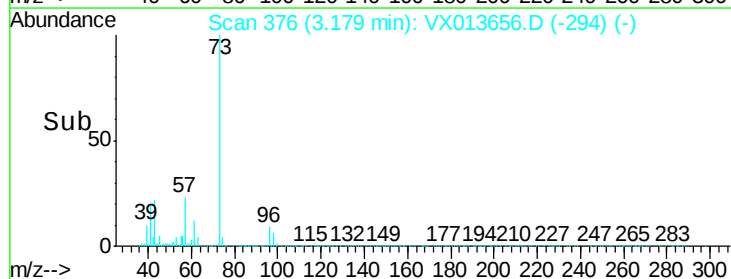
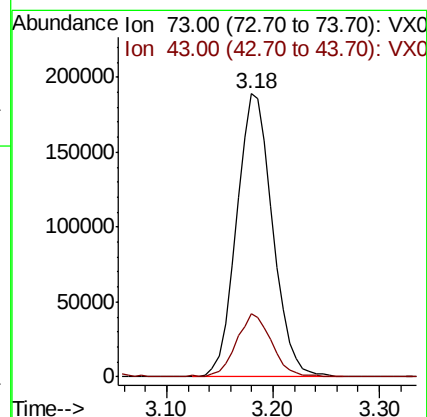
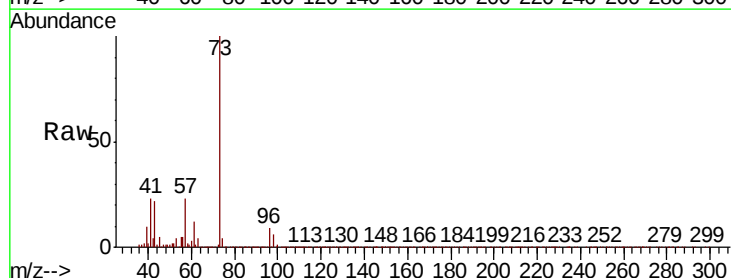
Acq: 27 Nov 2019 16:55

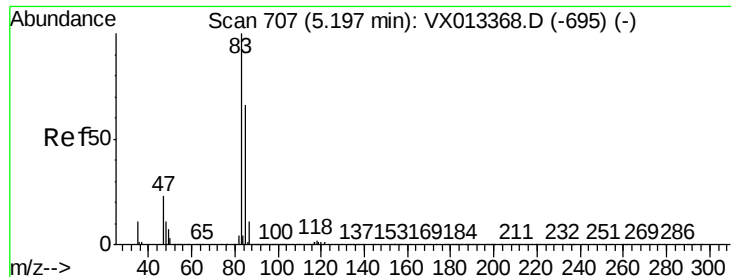
Tgt Ion: 73 Resp: 446240

Ion Ratio Lower Upper

73 100

43 21.1 17.0 25.6





#25

Chloroform

Concen: 19.610 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

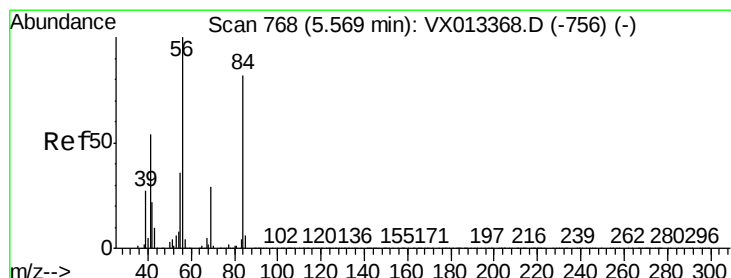
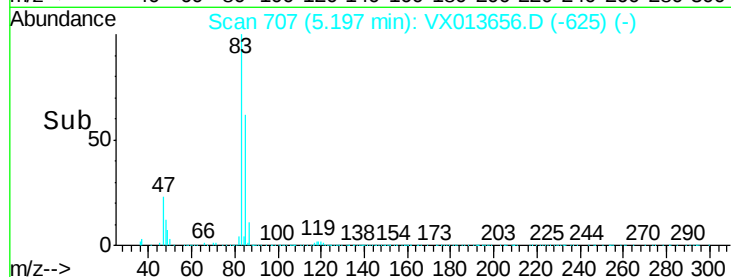
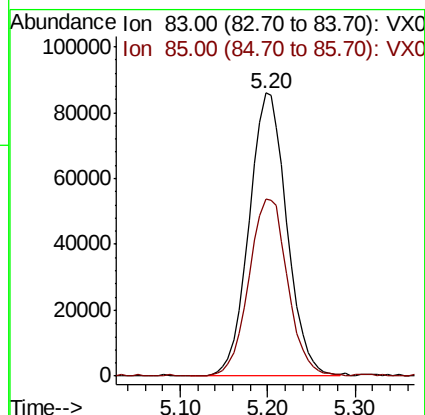
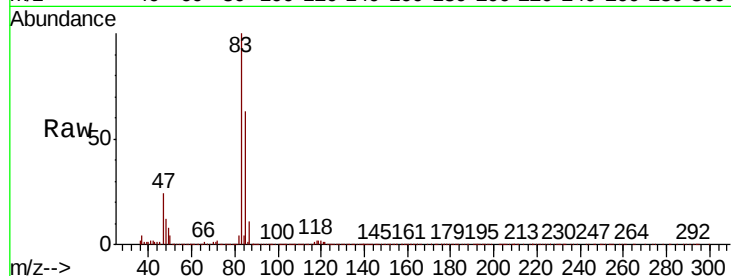
VX1127WBS02

Tot Ion: 83 Resp: 258067

Ion Ratio Lower Upper

83 100

85 62.5 52.4 78.6



#26

Cyclohexane

Concen: 19.096 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

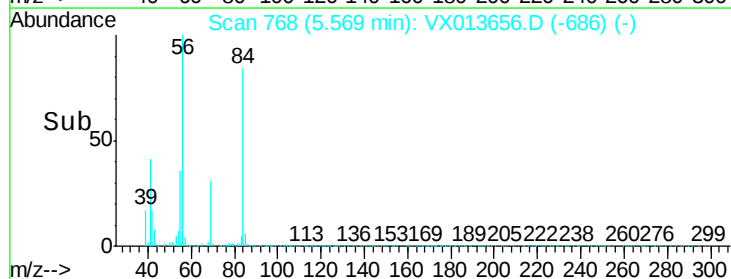
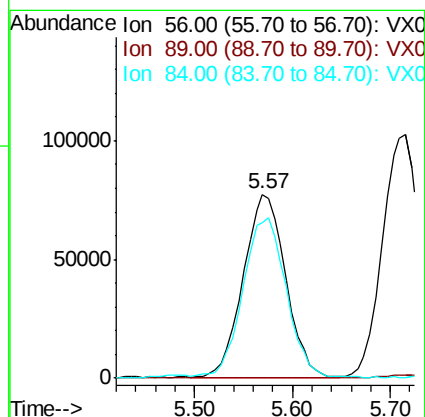
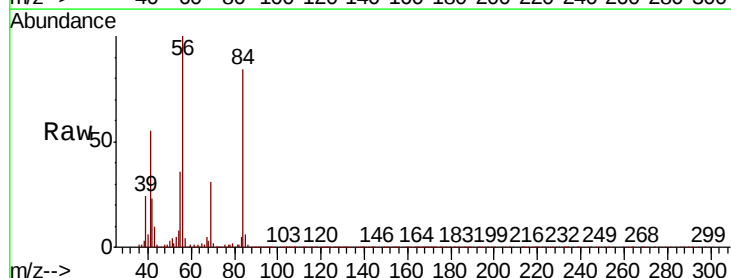
Tgt Ion: 56 Resp: 233145

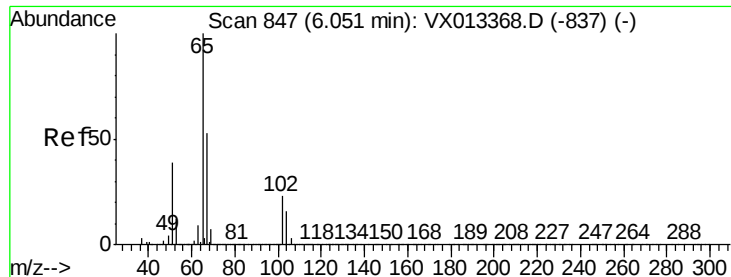
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 89.4 70.5 105.7



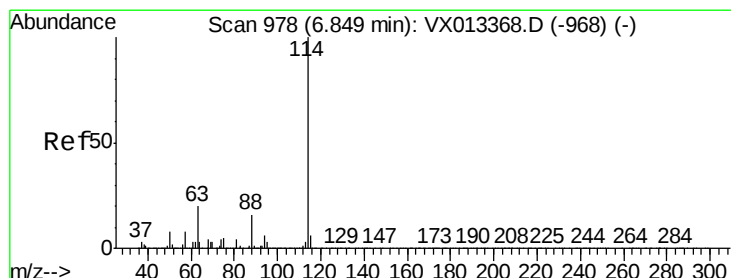
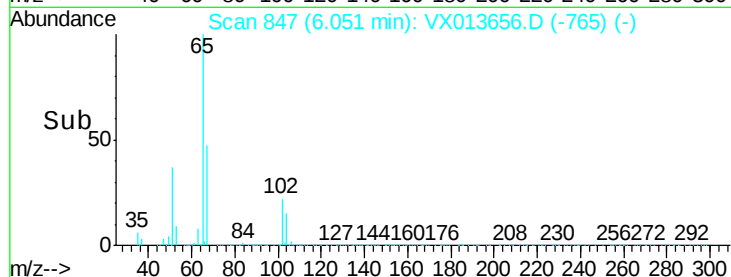
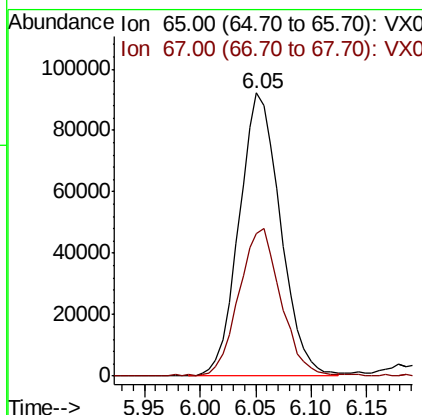
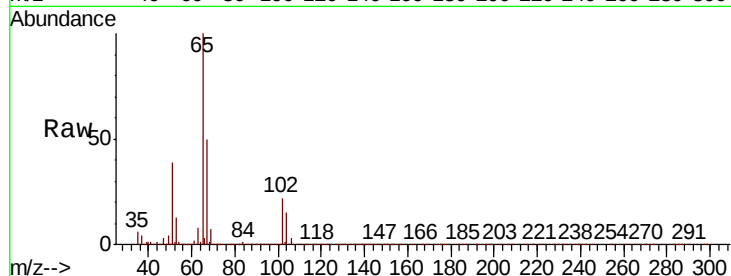


#27

1,2-Dichloroethane-d4
Concen: 28.449 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

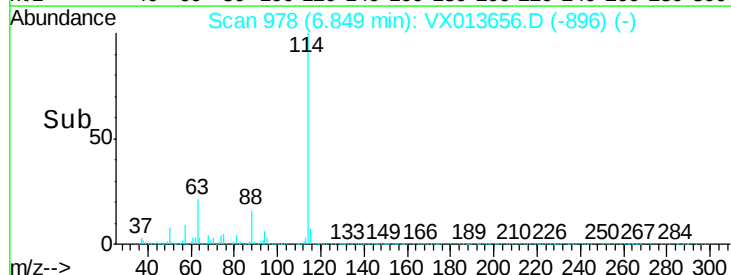
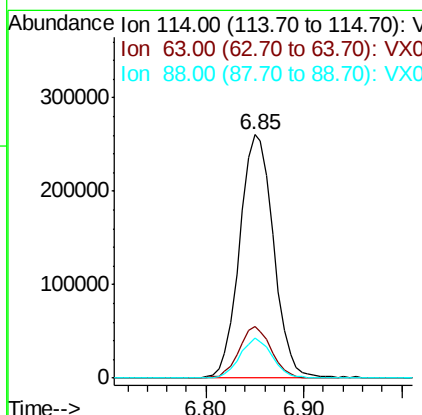
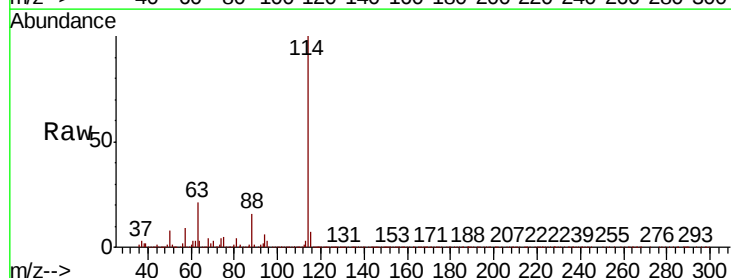
Tot Ion: 65 Resp: 236978
Ion Ratio Lower Upper
65 100
67 52.7 41.0 61.6

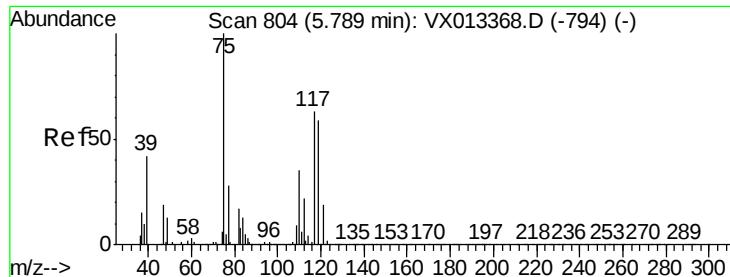


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion: 114 Resp: 626578
Ion Ratio Lower Upper
114 100
63 20.0 16.1 24.1
88 15.6 12.3 18.5

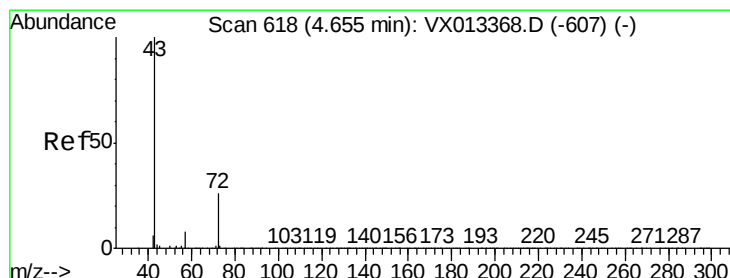
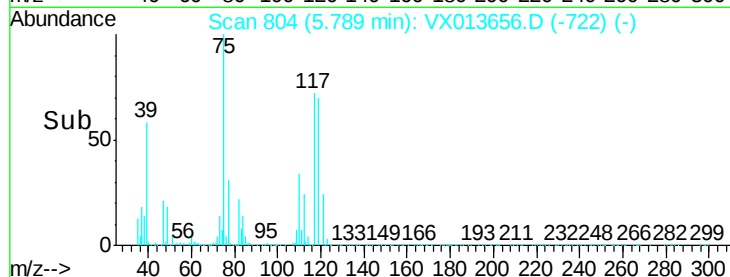
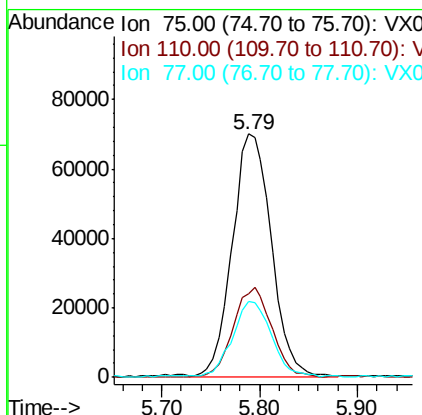
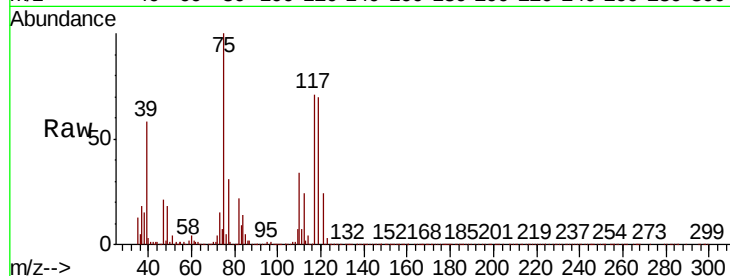




#29
 1,1-Dichloropropene
 Concen: 20.270 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

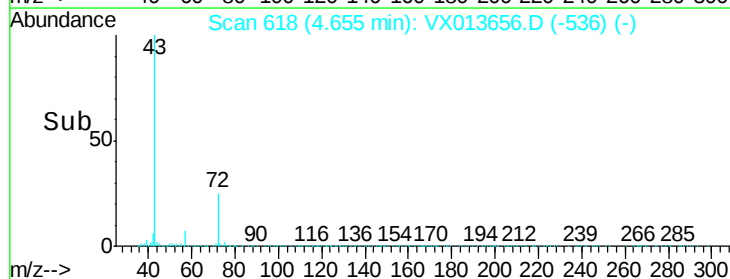
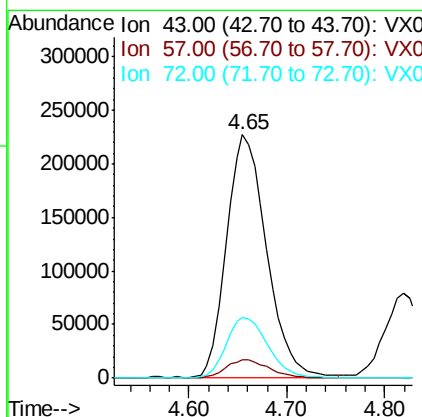
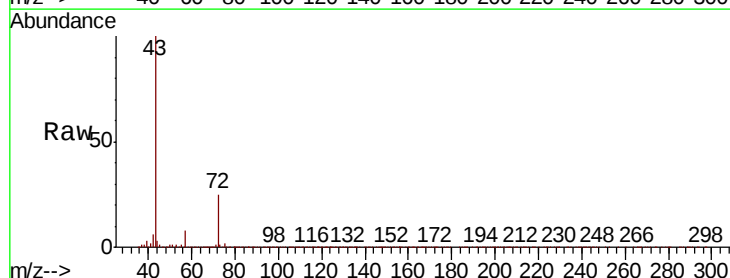
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS02

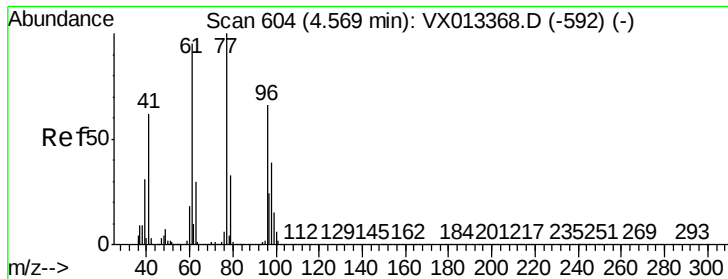
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	74.6
77	30.6	0.0	62.6



#30
 2-Butanone
 Concen: 101.137 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.1	9.1
72	25.5	20.5	30.7





#31

2,2-Dichloropropane

Concen: 19.947 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

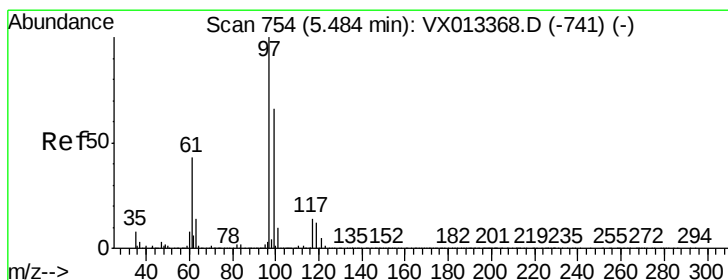
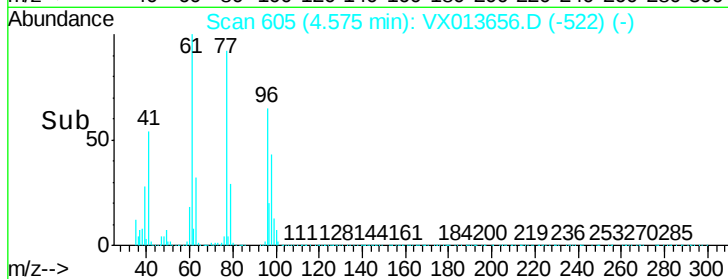
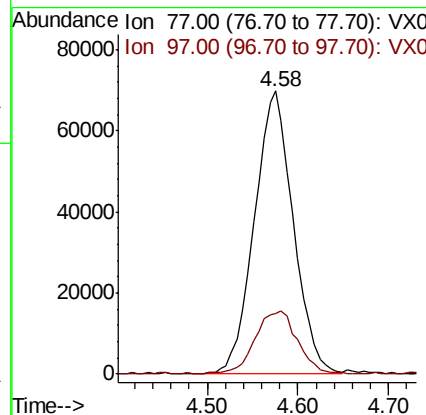
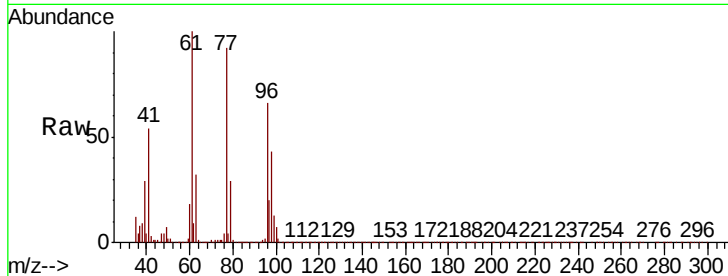
VX1127WBS02

Tot Ion: 77 Resp: 206743

Ion Ratio Lower Upper

77 100

97 24.1 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 19.971 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

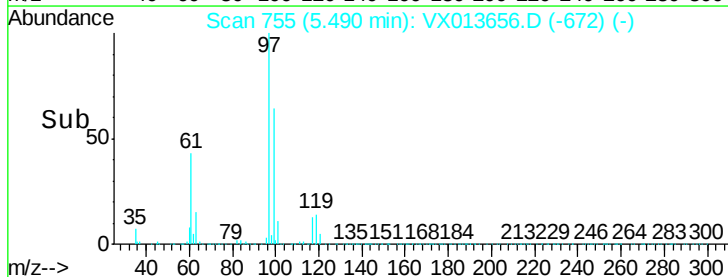
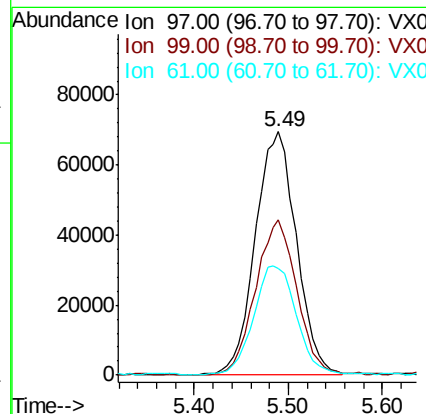
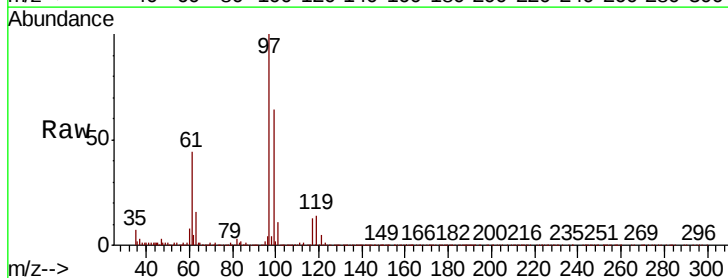
Tgt Ion: 97 Resp: 212441

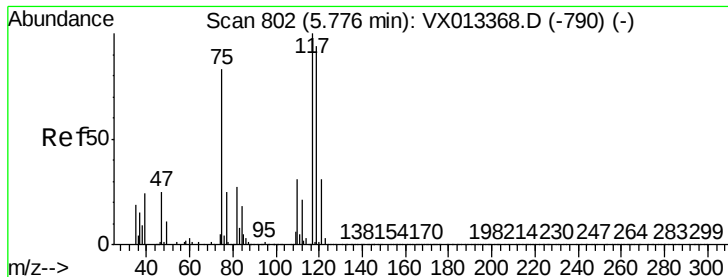
Ion Ratio Lower Upper

97 100

99 63.6 52.5 78.7

61 46.3 36.1 54.1

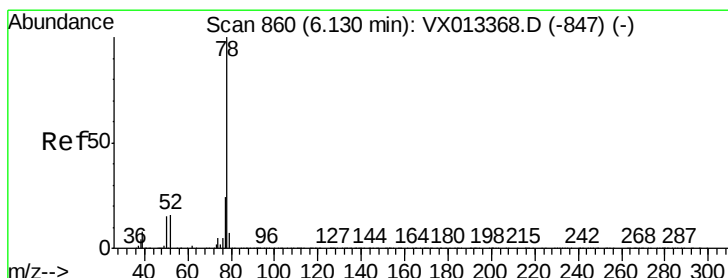
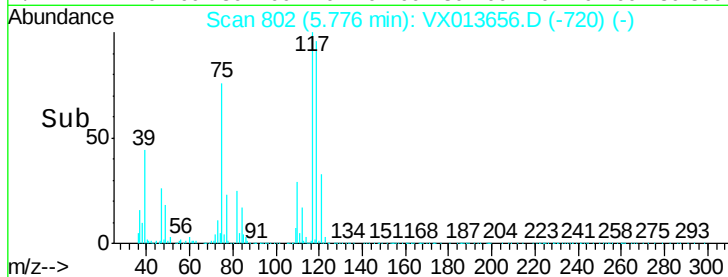
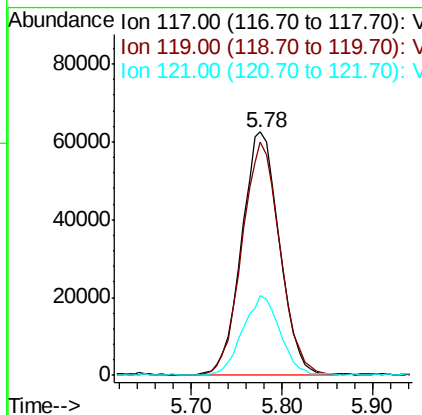
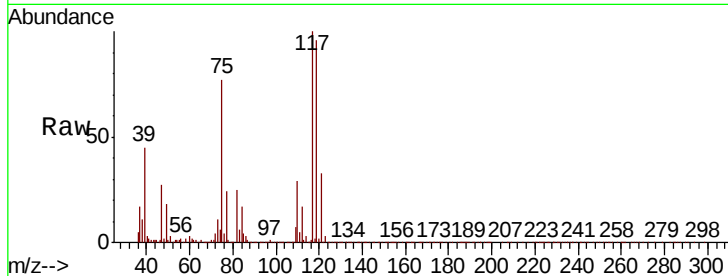




#33
Carbon Tetrachloride
Concen: 19.660 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

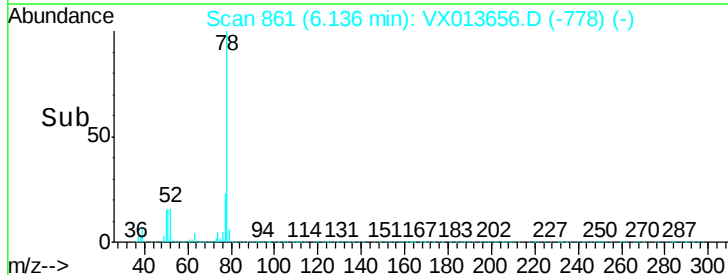
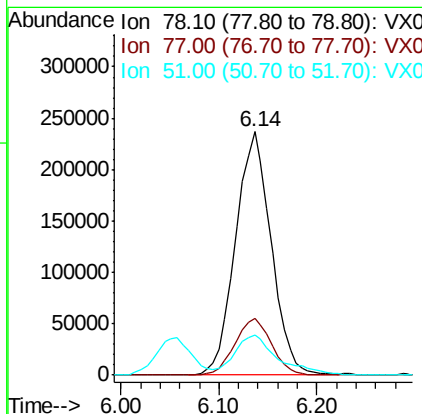
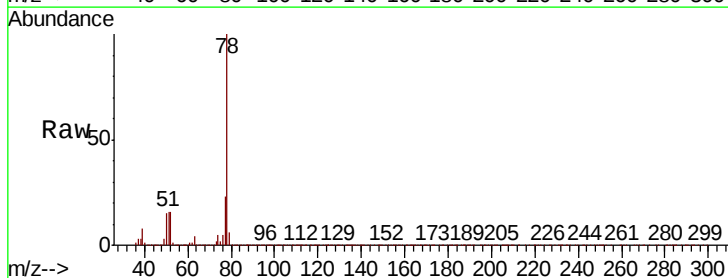
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

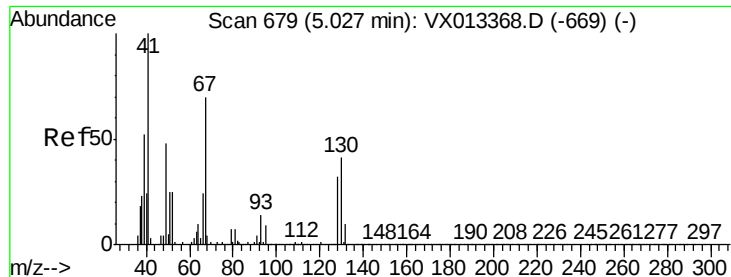
Tot Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.6
121	32.6	24.9	37.3



#34
Benzene
Concen: 20.554 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9
51	15.8	12.2	18.4

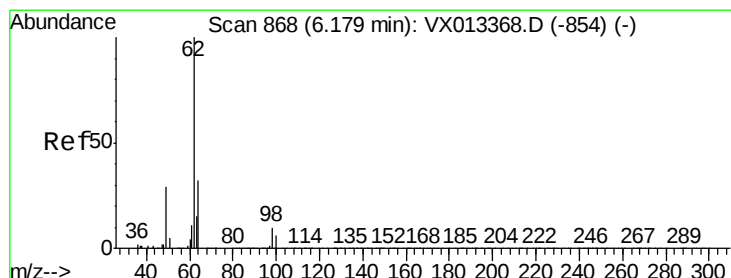
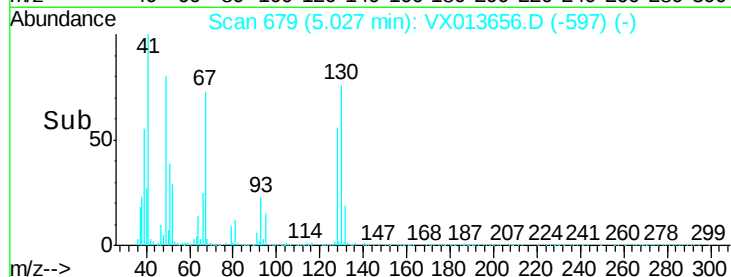
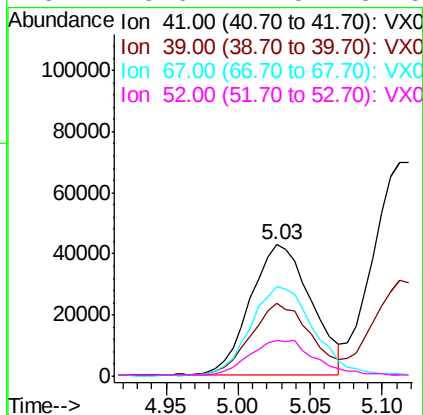
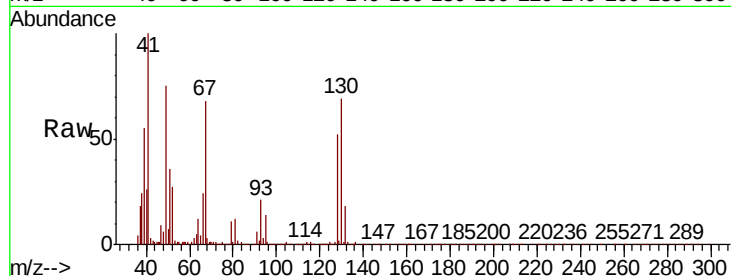




#35
Methacrylonitrile
Concen: 19.795 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

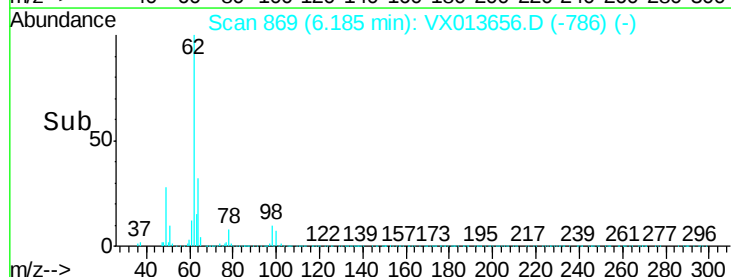
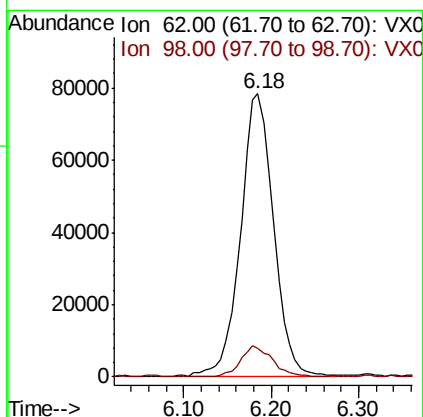
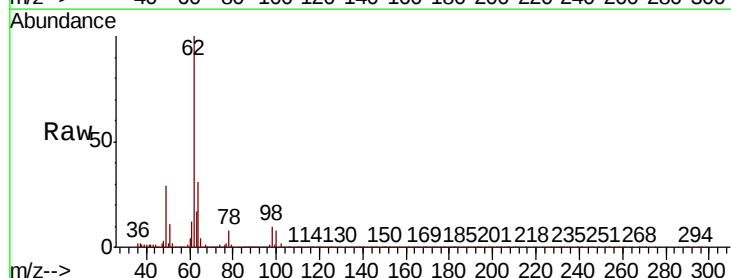
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

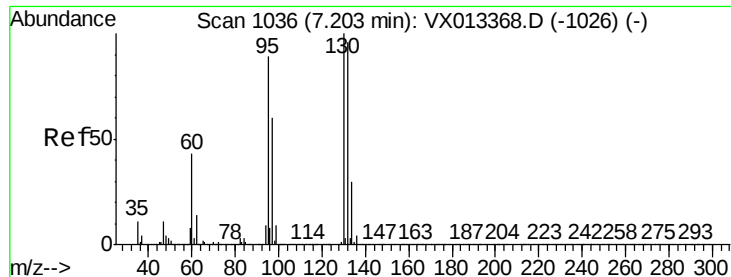
Tot Ion:	41	Resp:	124869
Ion	Ratio	Lower	Upper
41	100		
39	54.6	25.9	77.8
67	68.0	35.1	105.5
52	25.6	12.5	37.5



#36
1,2-Dichloroethane
Concen: 20.326 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion:	62	Resp:	206523
Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.2	12.2

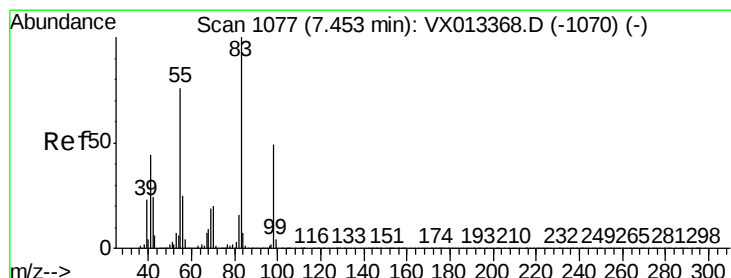
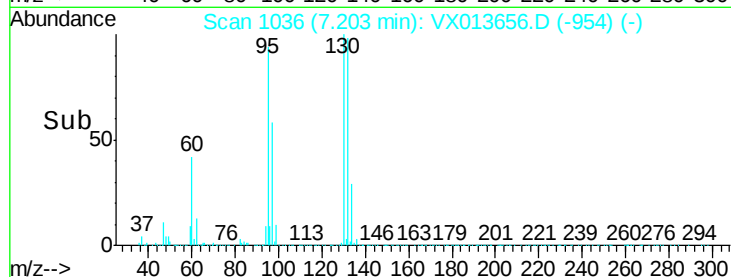
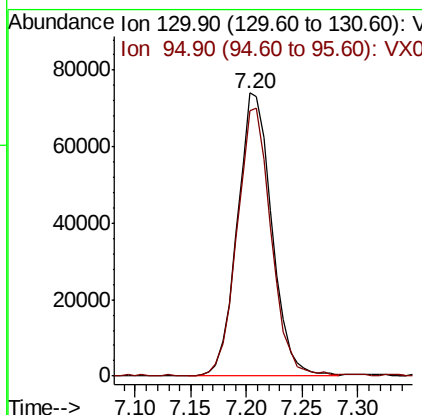
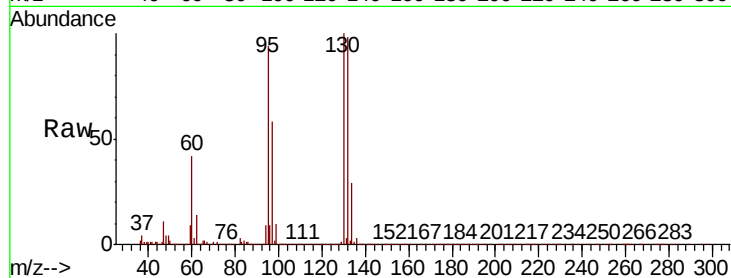




#37
 Trichloroethene
 Concen: 20.395 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

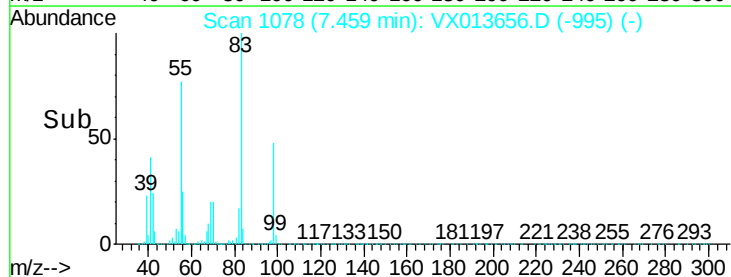
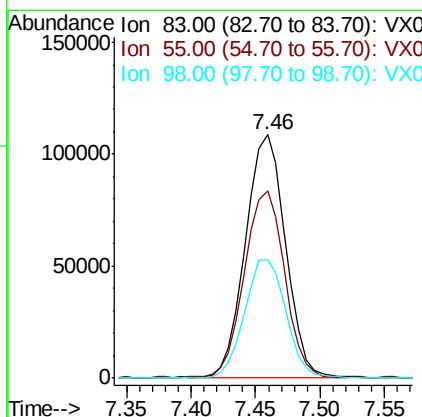
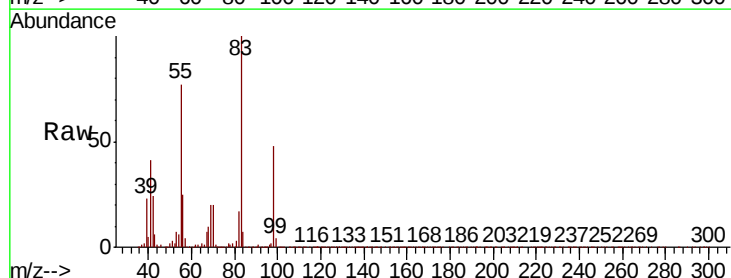
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS02

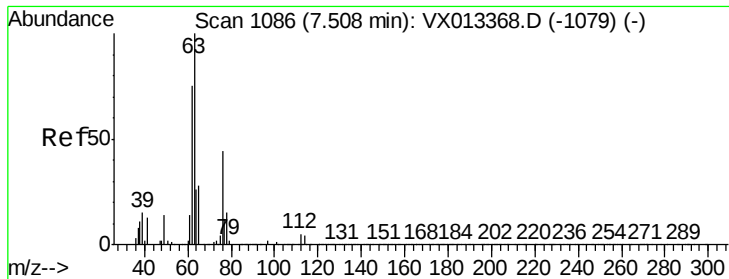
Tot Ion:130 Resp: 158605
 Ion Ratio Lower Upper
 130 100
 95 93.6 71.3 106.9



#38
 Methylcyclohexane
 Concen: 19.892 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

Tgt Ion: 83 Resp: 233426
 Ion Ratio Lower Upper
 83 100
 55 77.5 37.9 113.7
 98 50.3 25.1 75.3

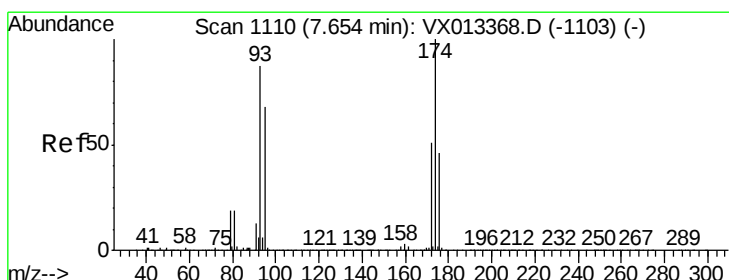
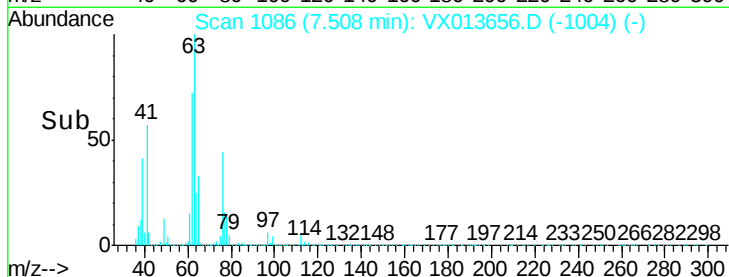
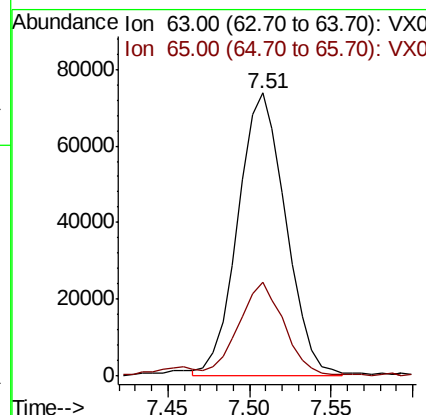
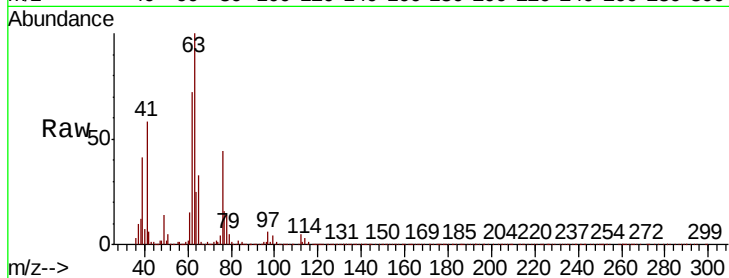




#39
 1,2-Dichloropropane
 Concen: 20.013 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

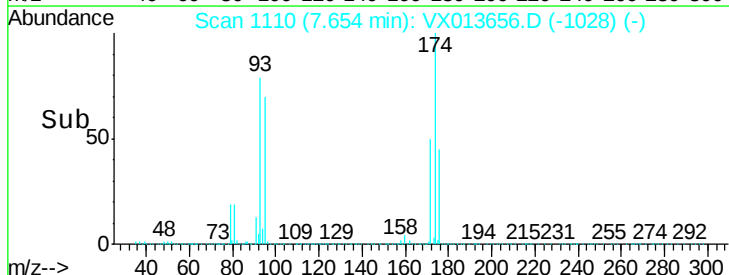
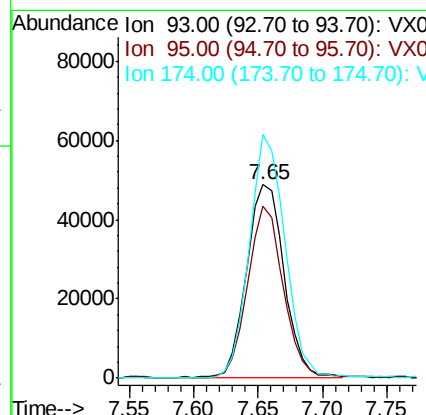
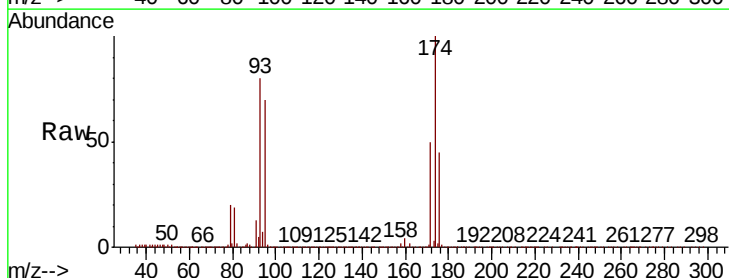
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS02

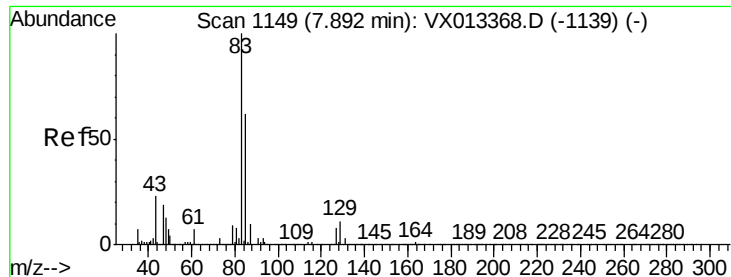
Tot Ion: 63 Resp: 150215
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.8 35.8



#40
 Dibromomethane
 Concen: 19.706 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

Tgt Ion: 93 Resp: 98434
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 160.8
 174 118.5 0.0 228.8





#41

Bromodichloromethane

Concen: 19.366 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampled :

VX1127WBS02

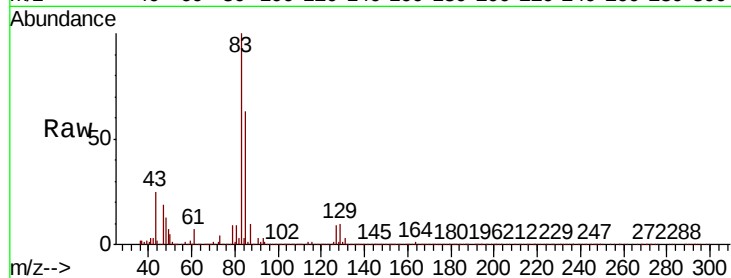
Tot Ion: 83 Resp: 188837

Ion Ratio Lower Upper

83 100

85 62.9 49.3 73.9

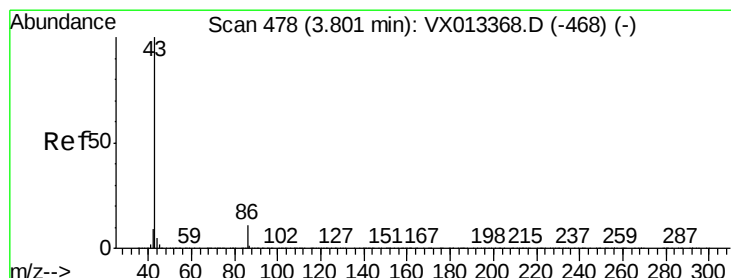
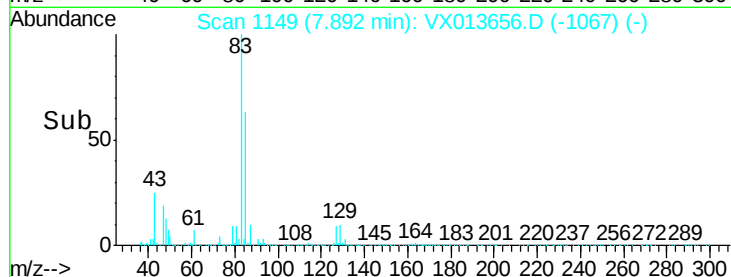
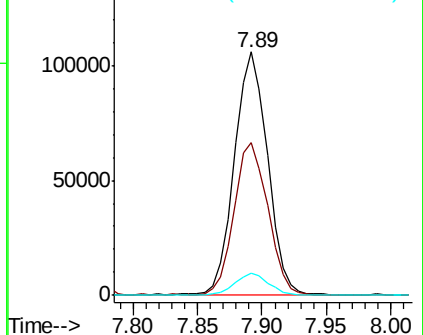
127 8.8 6.6 10.0



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: 95.852 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013656.D

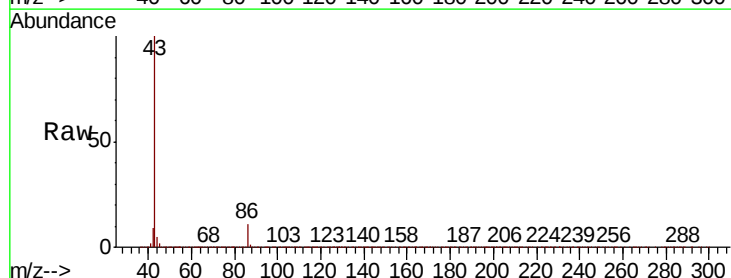
Acq: 27 Nov 2019 16:55

Tgt Ion: 43 Resp: 1906310

Ion Ratio Lower Upper

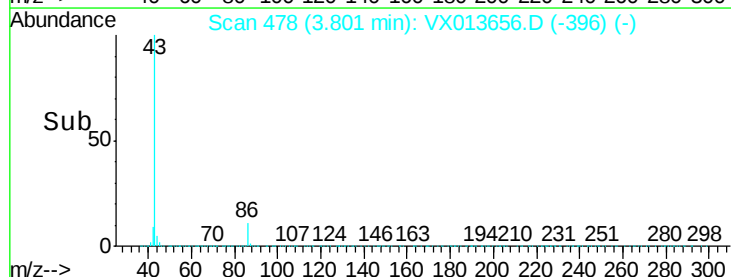
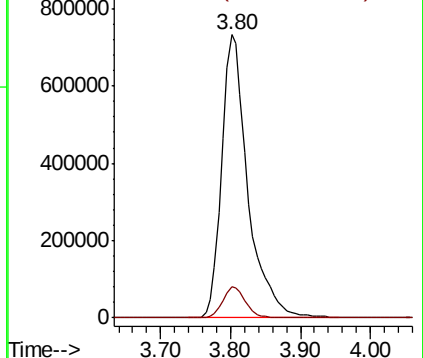
43 100

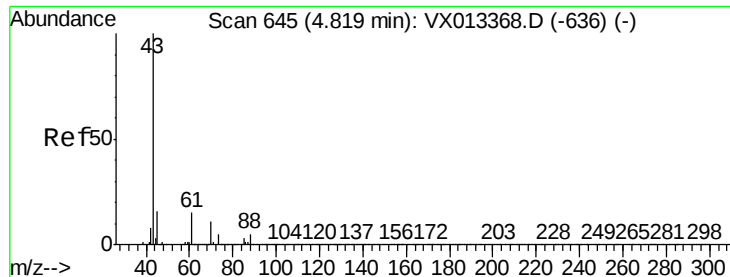
86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

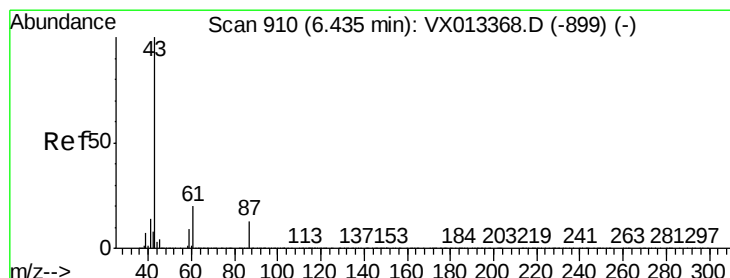
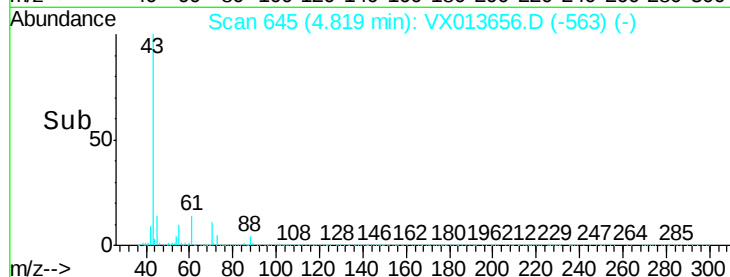
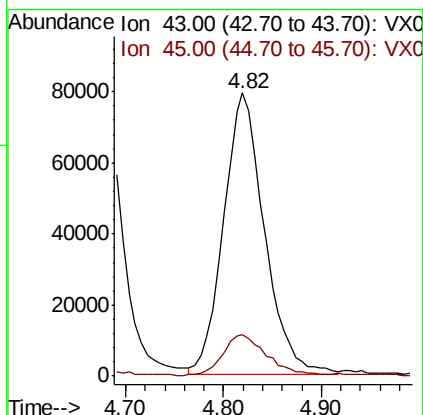
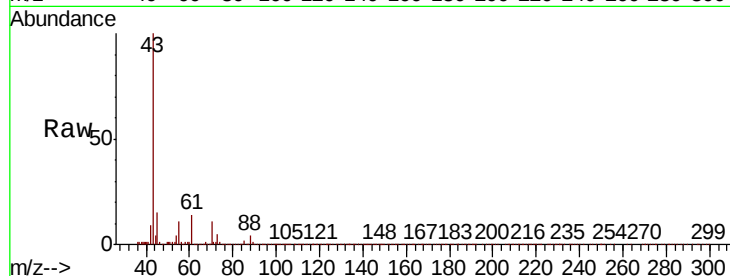




#43
Ethyl Acetate
Concen: 19.999 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

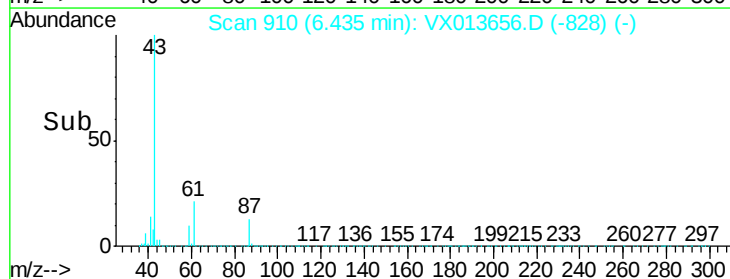
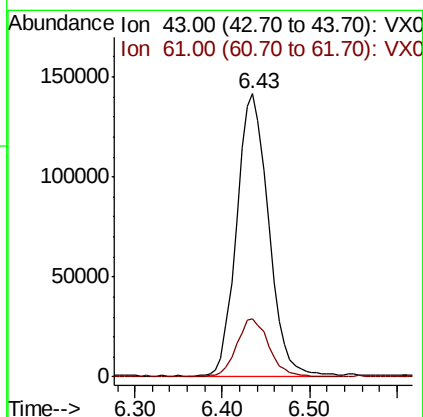
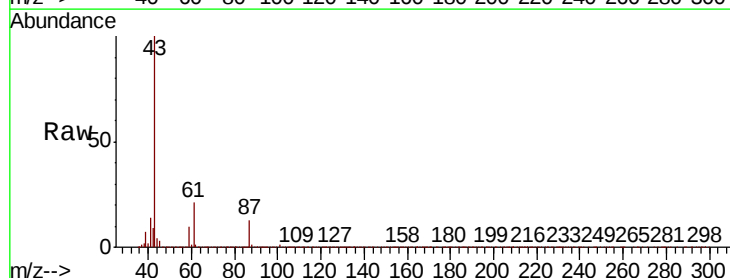
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

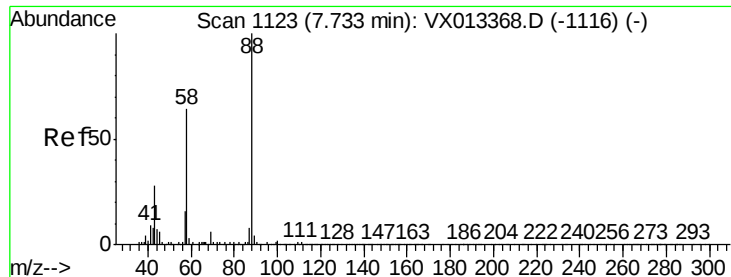
Tot Ion: 43 Resp: 230416
Ion Ratio Lower Upper
43 100
45 16.0 10.9 16.3



#44
Isopropyl Acetate
Concen: 19.284 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion: 43 Resp: 357134
Ion Ratio Lower Upper
43 100
61 20.6 15.8 23.8





#45

1,4-Dioxane

Concen: 357.970 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

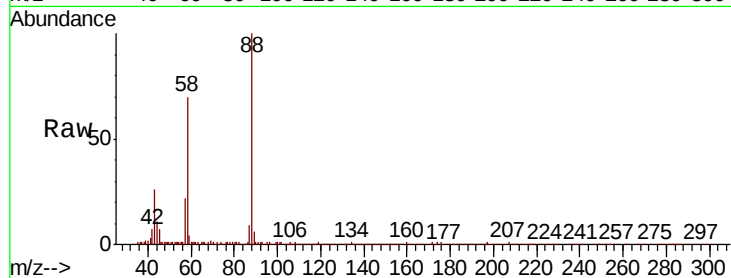
Tot Ion: 88 Resp: 73193

Ion Ratio Lower Upper

88 100

43 32.6 26.1 39.1

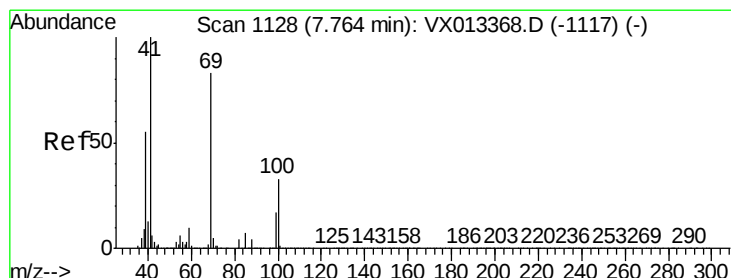
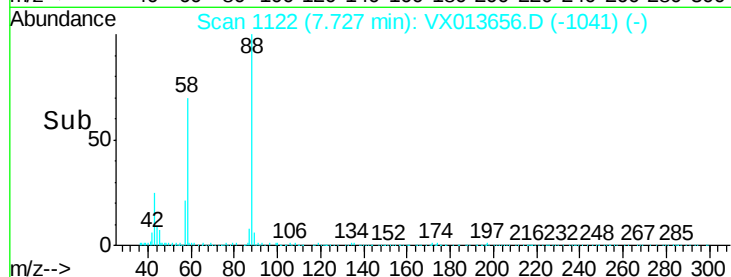
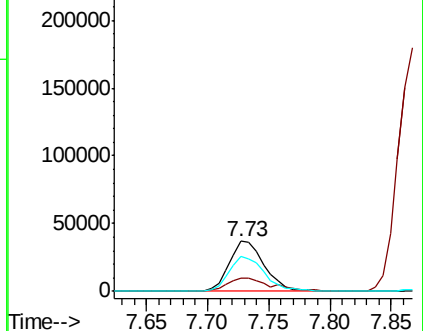
58 69.8 55.8 83.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.202 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

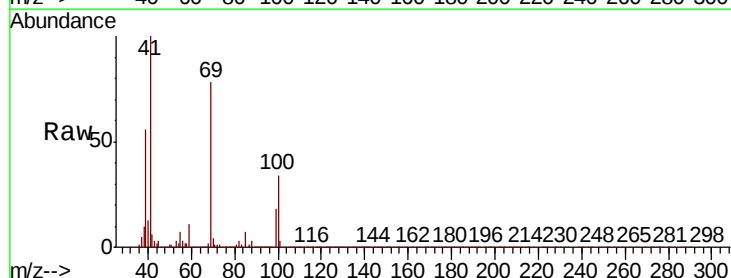
Tgt Ion: 41 Resp: 176897

Ion Ratio Lower Upper

41 100

69 78.8 41.4 124.4

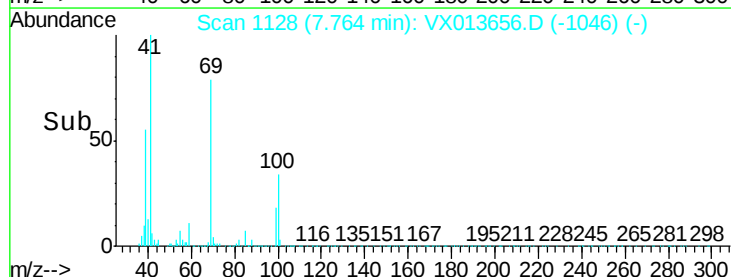
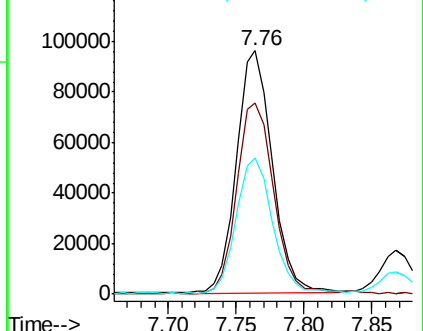
39 55.6 27.9 83.6

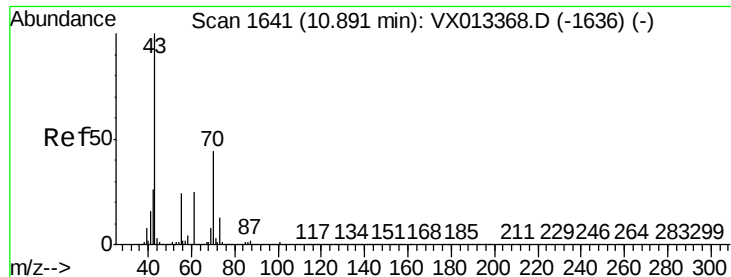


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.849 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

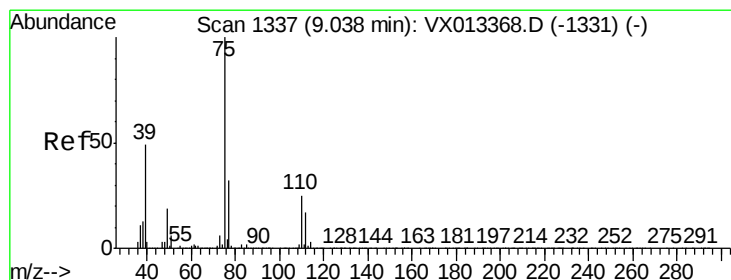
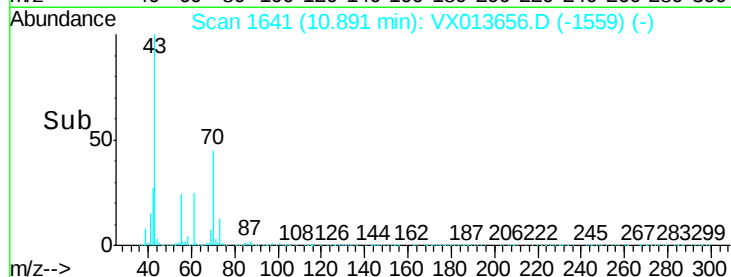
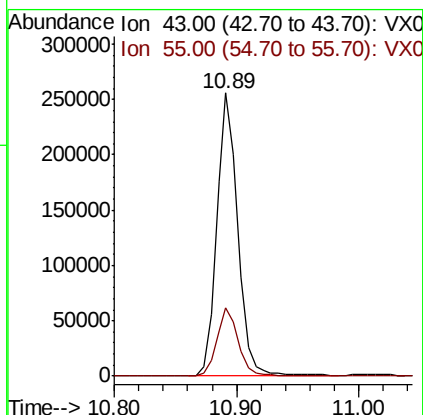
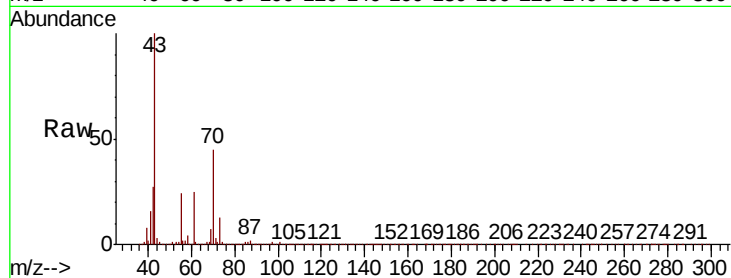
VX1127WBS02

Tot Ion: 43 Resp: 306195

Ion Ratio Lower Upper

43 100

55 24.6 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 18.797 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013656.D

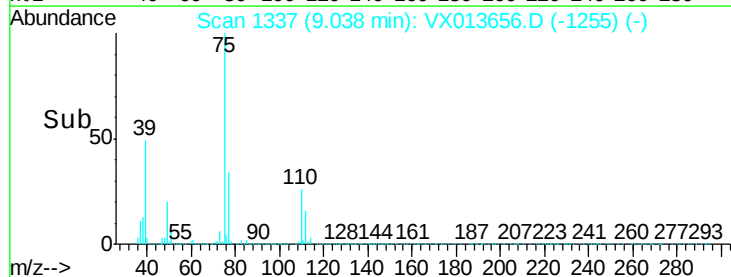
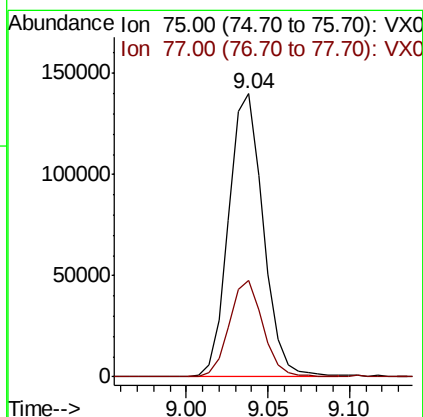
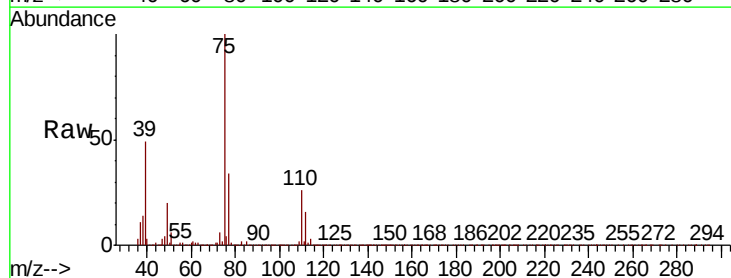
Acq: 27 Nov 2019 16:55

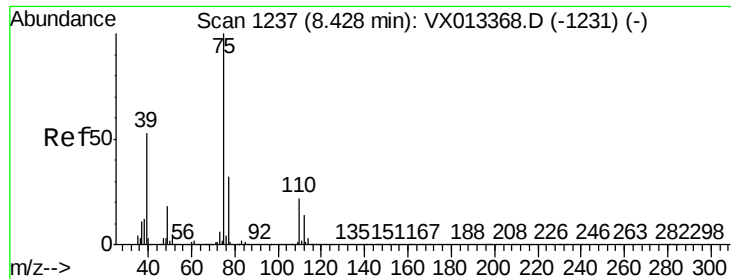
Tgt Ion: 75 Resp: 205535

Ion Ratio Lower Upper

75 100

77 33.9 25.3 37.9

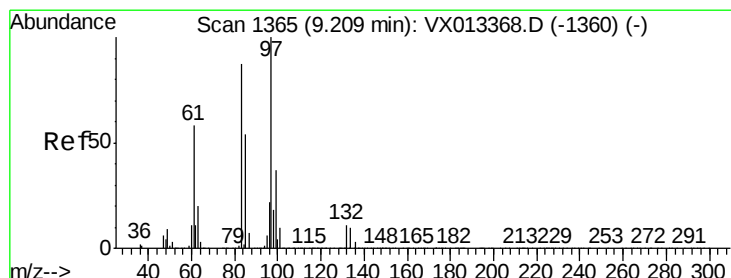
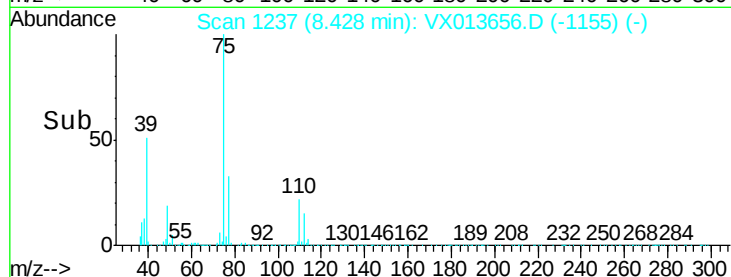
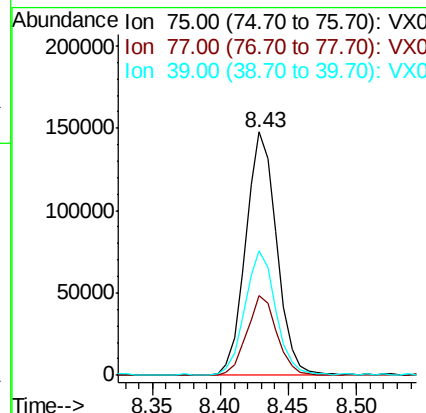
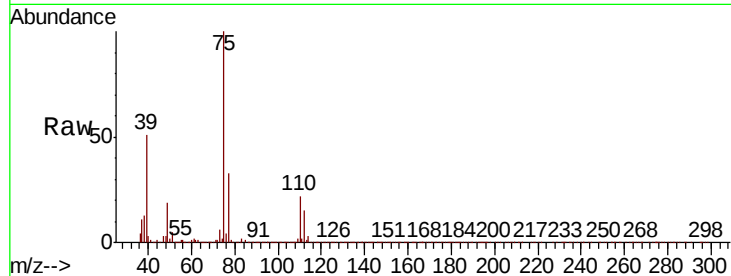




#49
 cis-1,3-Dichloropropene
 Concen: 19.677 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

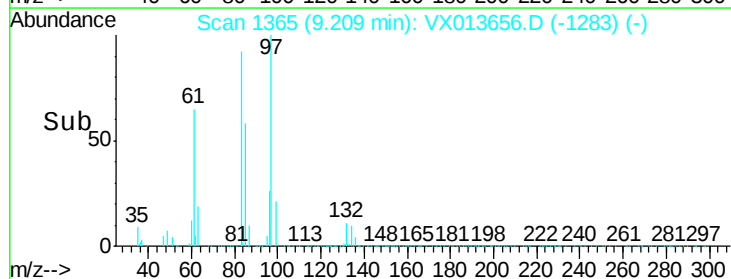
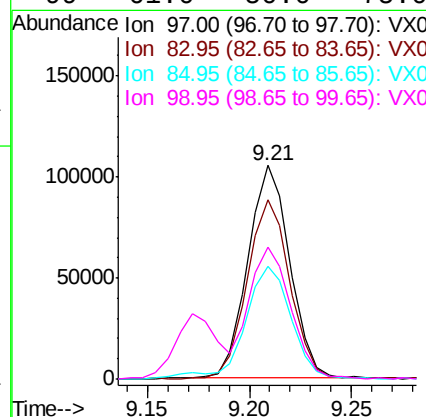
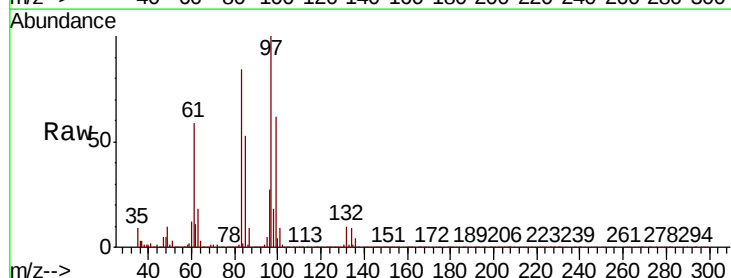
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS02

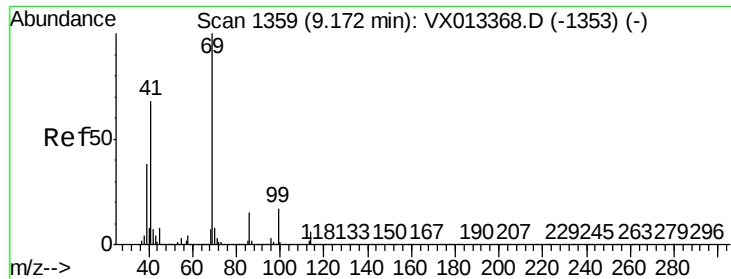
Tot Ion:	75	Resp:	235751
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8
39	50.7	42.2	63.4



#50
 1,1,2-Trichloroethane
 Concen: 20.206 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

Tgt Ion:	97	Resp:	149359
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.6	104.4
85	52.5	45.5	68.3
99	61.0	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.602 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

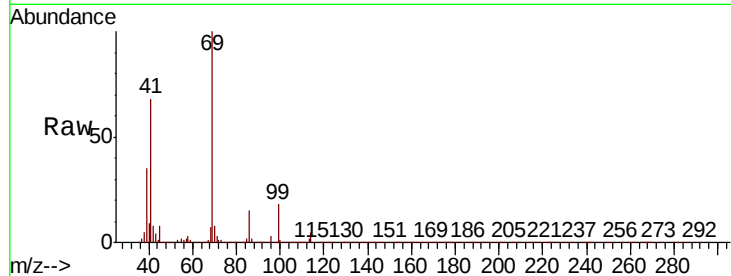
Tot Ion: 69 Resp: 238558

Ion Ratio Lower Upper

69 100

41 68.1 33.9 101.6

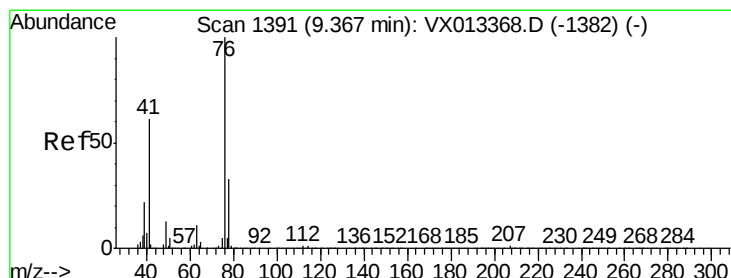
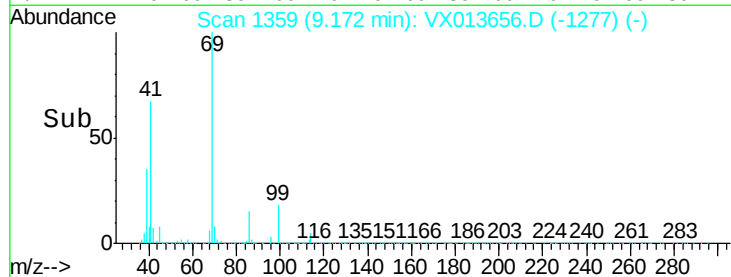
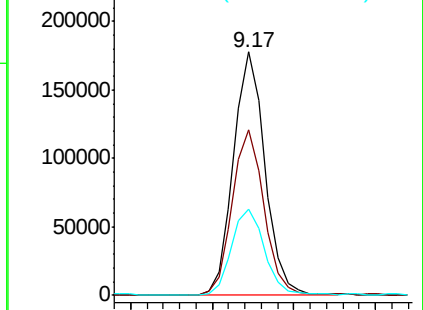
39 35.2 18.8 56.4



Abundance Ion 69.00 (68.70 to 69.70): VX013368.D (-1353) (-)

Ion 41.00 (40.70 to 41.70): VX013368.D (-1353) (-)

Ion 39.00 (38.70 to 39.70): VX013368.D (-1353) (-)



#52

1,3-Dichloropropane

Concen: 20.393 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013656.D

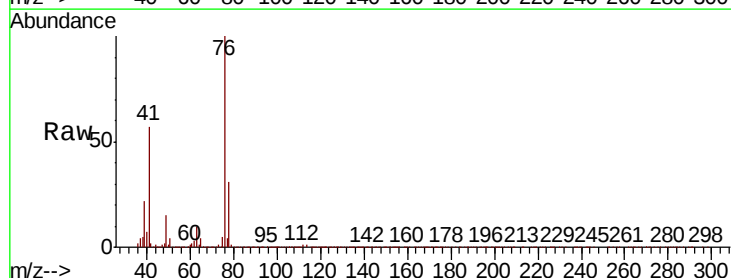
Acq: 27 Nov 2019 16:55

Tgt Ion: 76 Resp: 257697

Ion Ratio Lower Upper

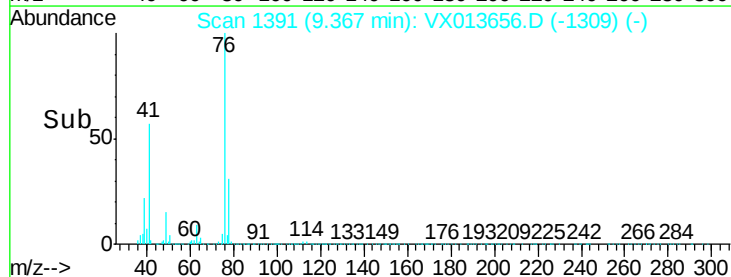
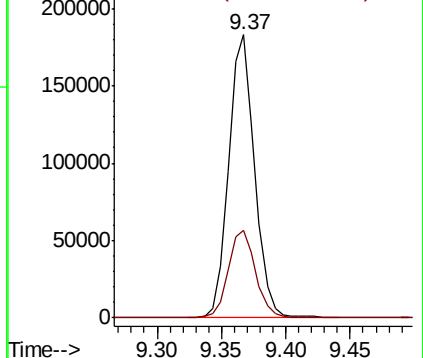
76 100

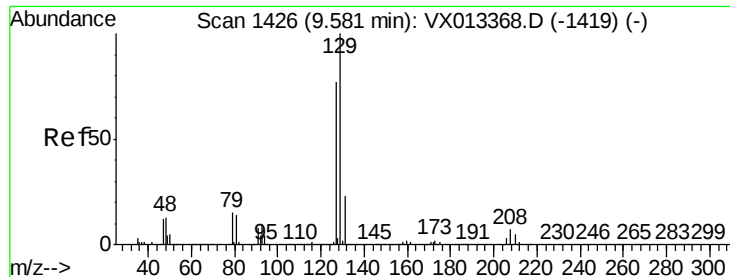
78 32.2 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VX013368.D (-1382) (-)

Ion 78.00 (77.70 to 78.70): VX013368.D (-1382) (-)





#53

Dibromochloromethane

Concen: 19.762 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

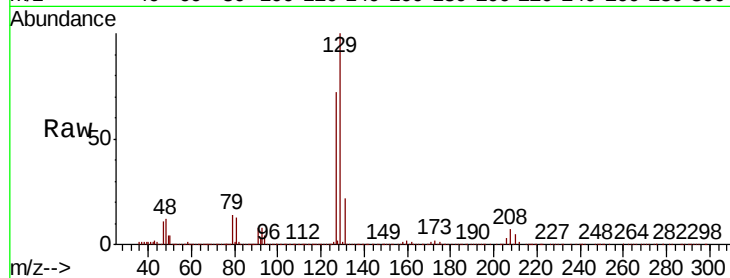
VX1127WBS02

Tot Ion:129 Resp: 154816

Ion Ratio Lower Upper

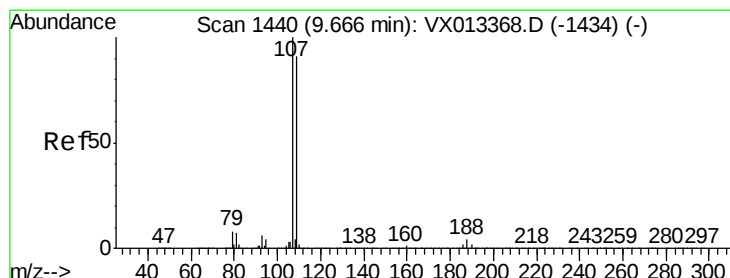
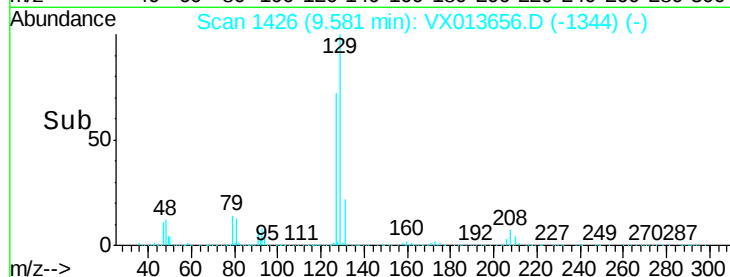
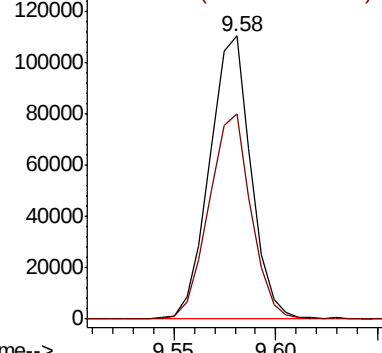
129 100

127 73.6 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.881 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013656.D

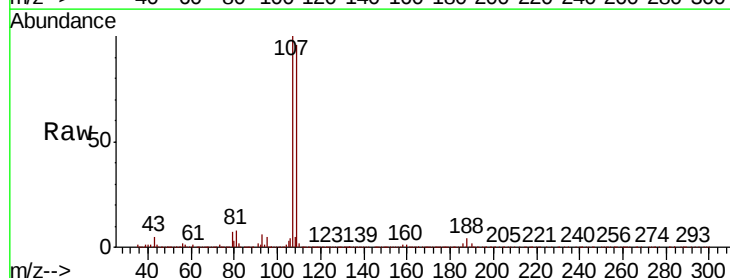
Acq: 27 Nov 2019 16:55

Tgt Ion:107 Resp: 157134

Ion Ratio Lower Upper

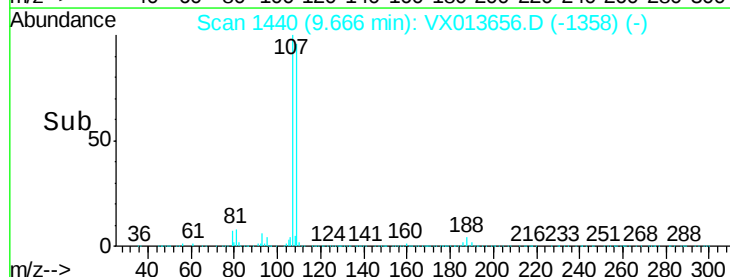
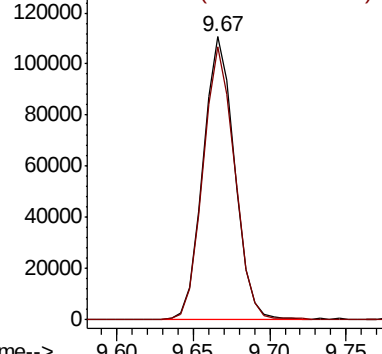
107 100

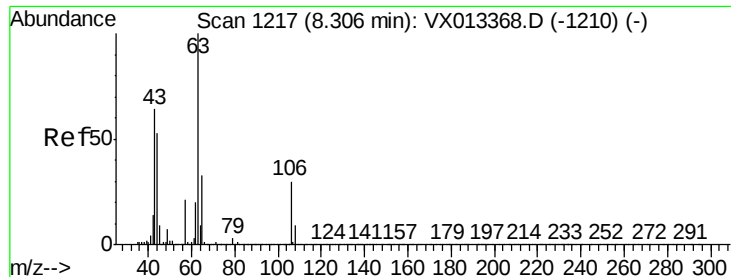
109 97.4 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

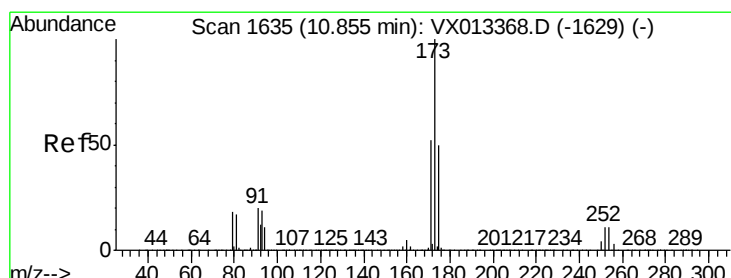
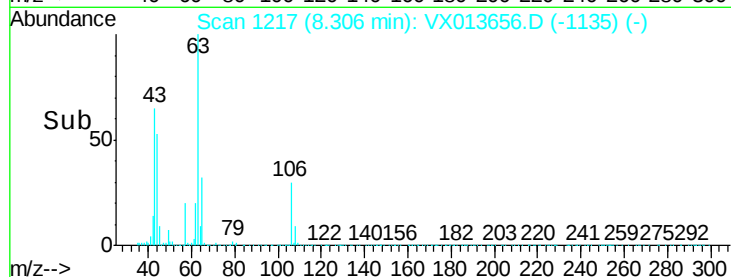
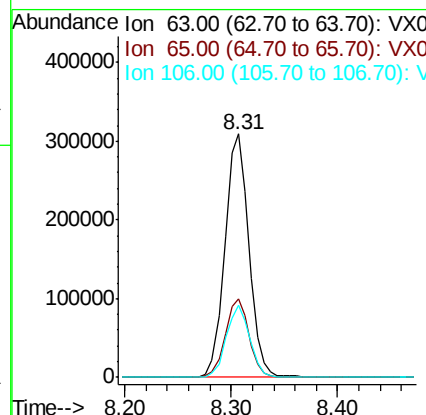
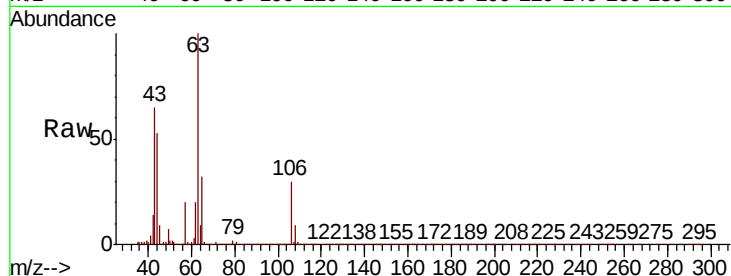




#55
2-Chloroethyl vinyl ether
Concen: 93.265 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

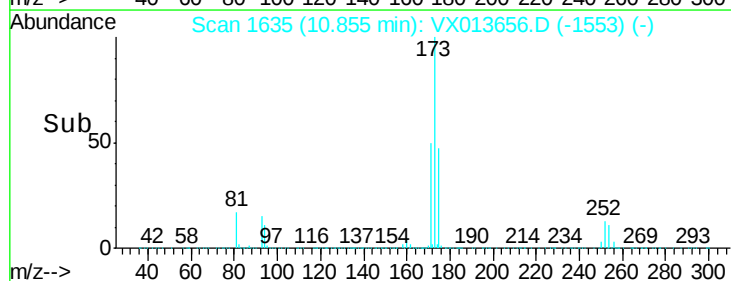
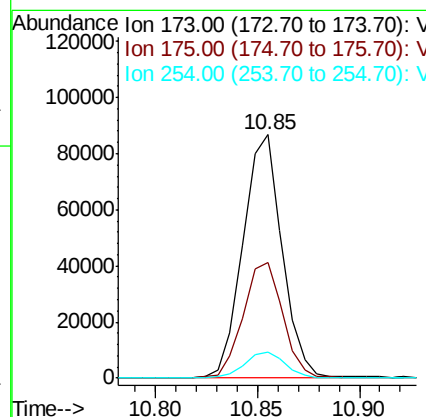
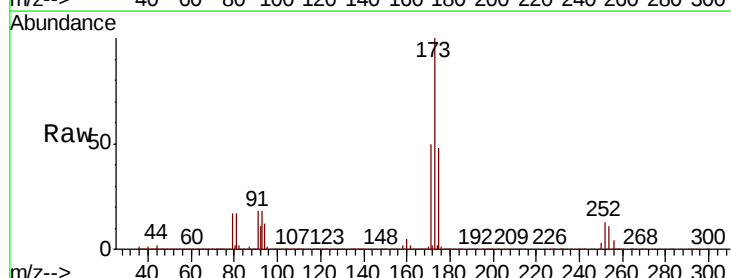
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

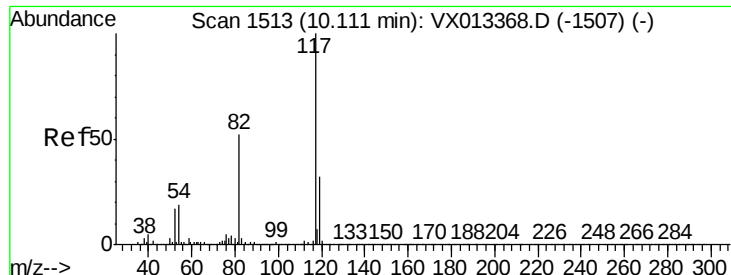
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	29.2	23.5	35.3



#56
Bromoform
Concen: 18.502 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.4	59.0
254	11.1	8.6	12.8

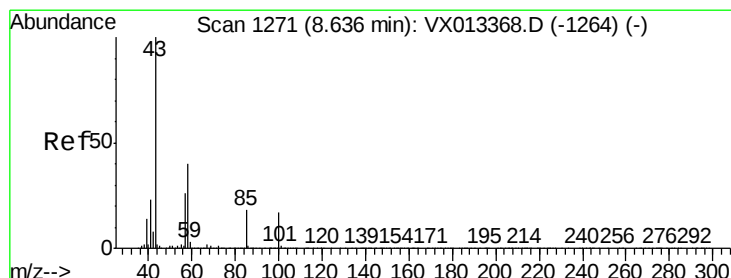
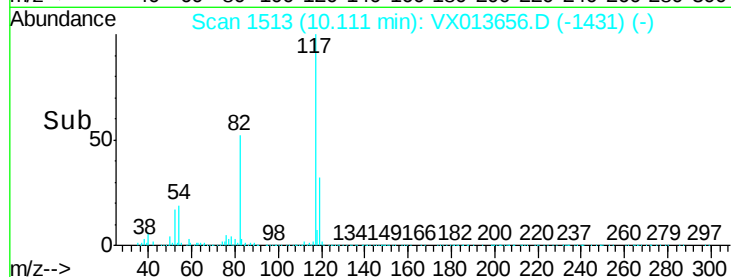
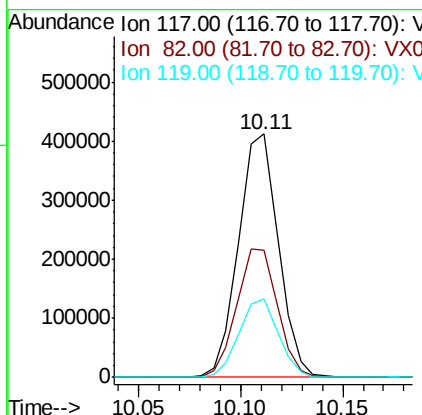
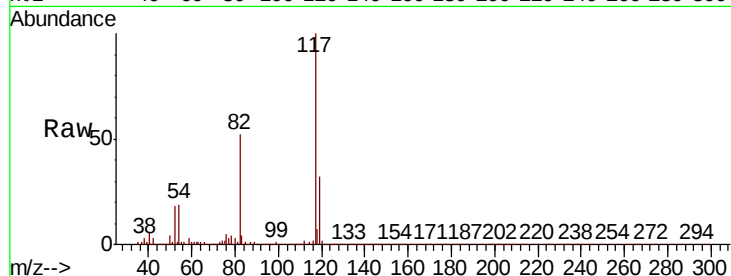




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

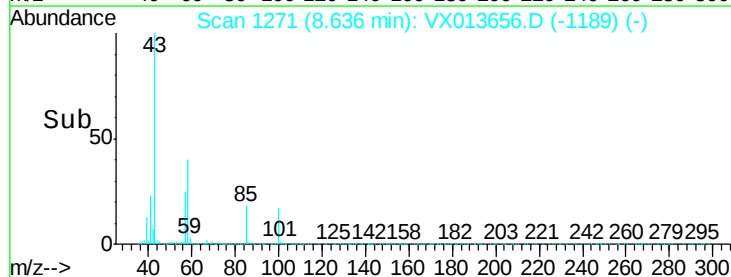
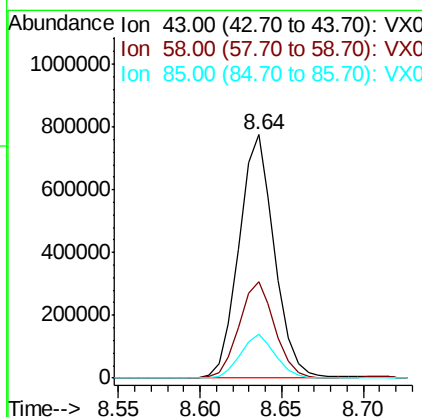
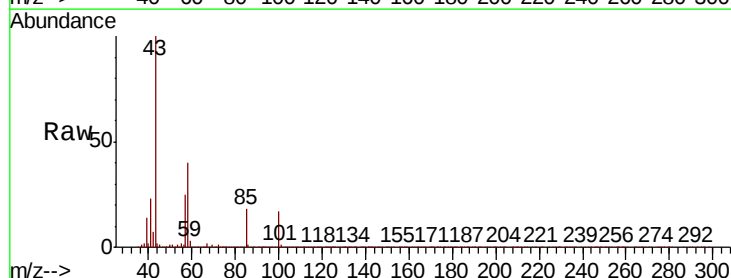
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

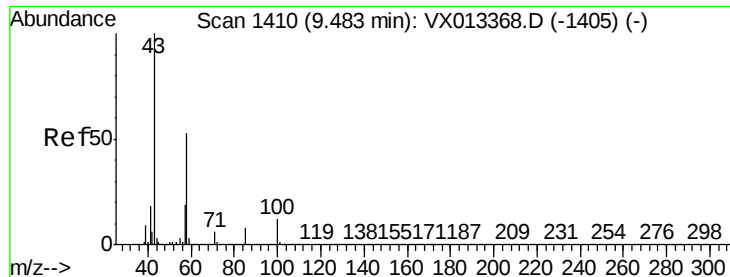
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.7	65.5
119	32.0	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 99.796 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.6	47.4
85	17.7	14.2	21.2

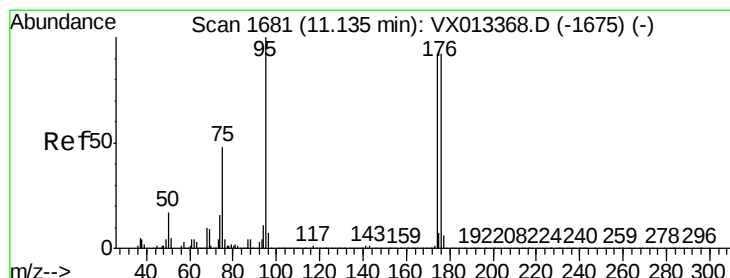
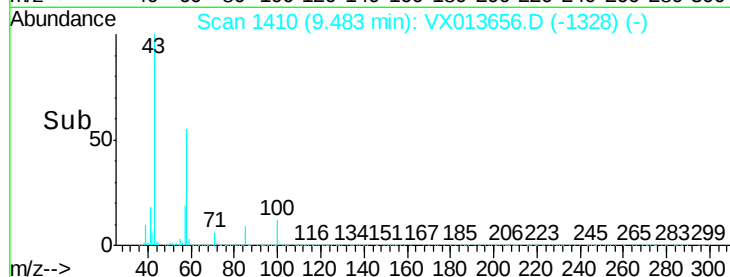
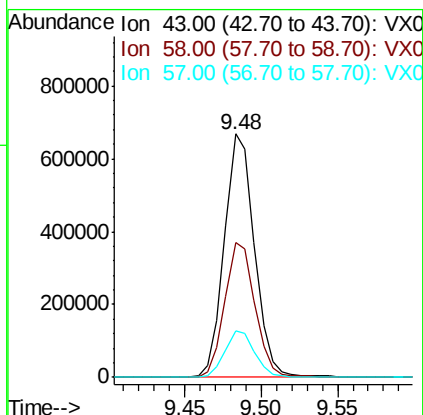
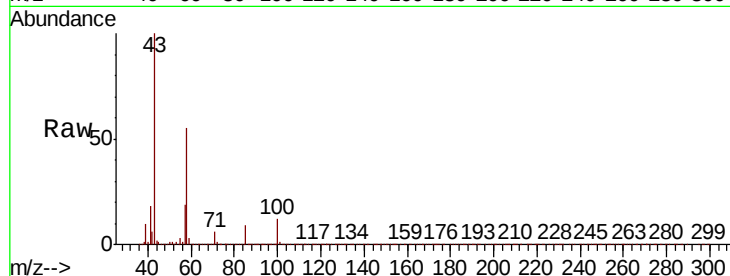




#59
2-Hexanone
Concen: 98.475 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

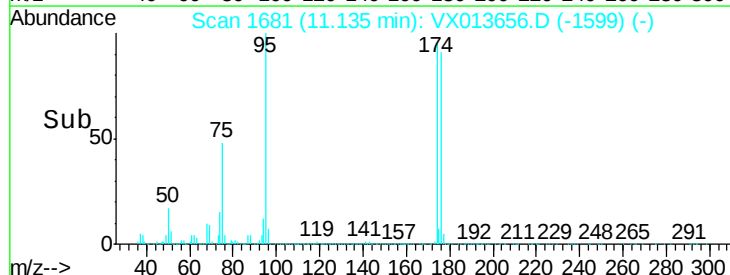
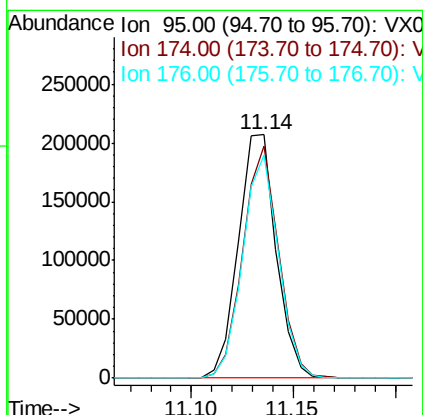
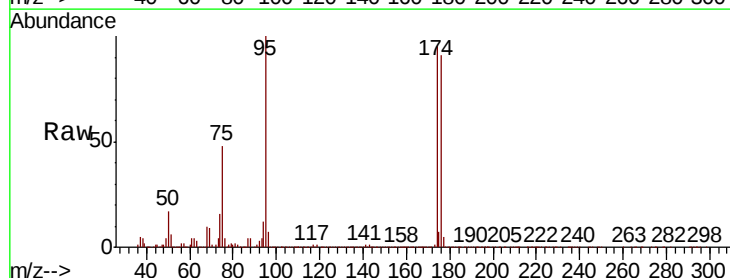
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

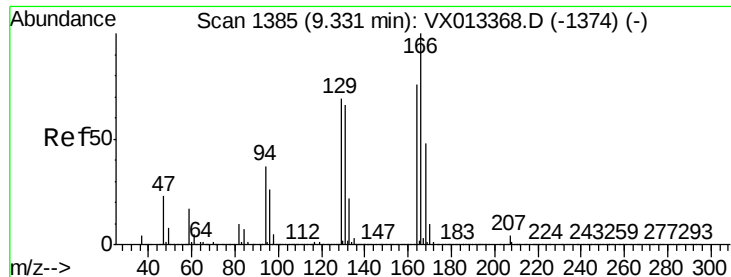
Tot Ion: 43 Resp: 911430
Ion Ratio Lower Upper
43 100
58 55.8 43.8 65.6
57 19.0 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.608 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion: 95 Resp: 266469
Ion Ratio Lower Upper
95 100
174 90.4 70.2 105.2
176 87.2 68.3 102.5

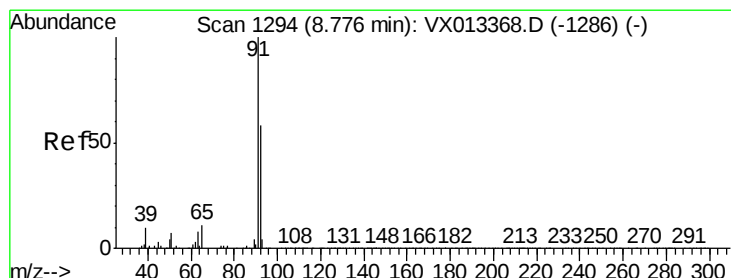
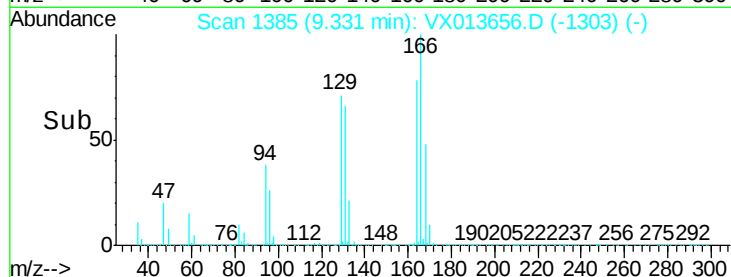
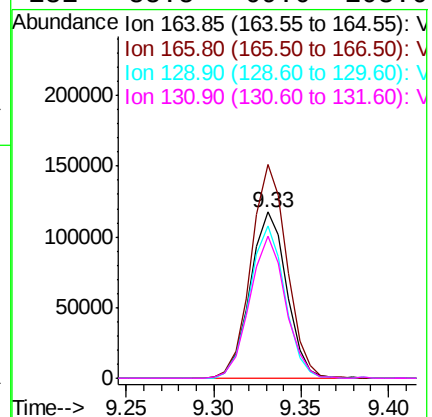
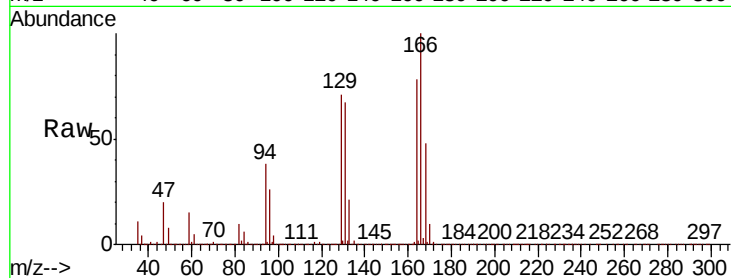




#61
Tetrachloroethene
Concen: 24.653 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

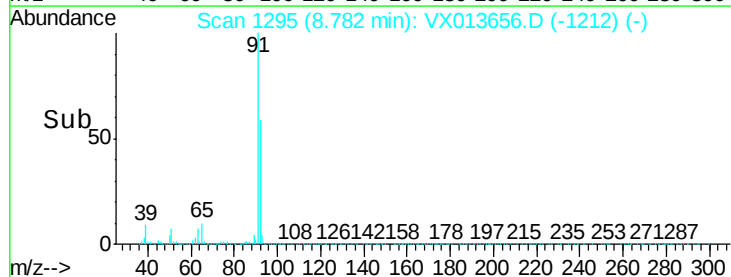
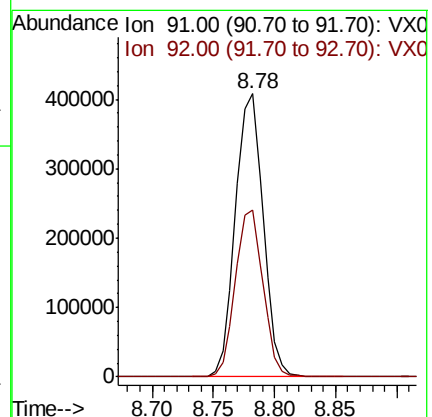
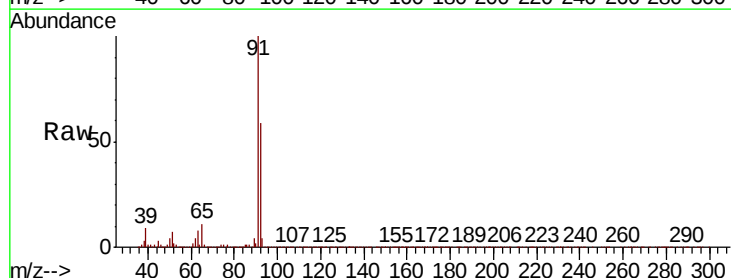
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

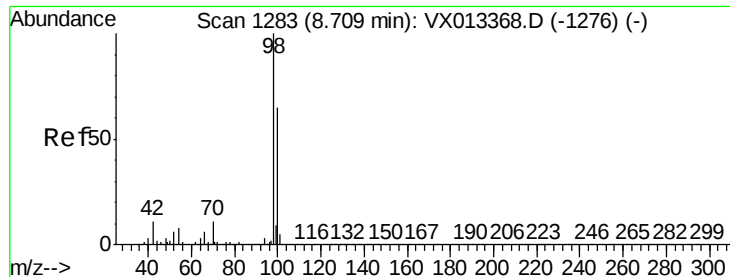
Tot Ion	Ratio	Lower	Upper
164	100		
166	128.6	104.9	157.3
129	91.4	72.3	108.5
131	85.5	69.0	103.6



#62
Toluene
Concen: 20.497 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.7	46.6	69.8





#63

Toluene-d8

Concen: 29.802 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

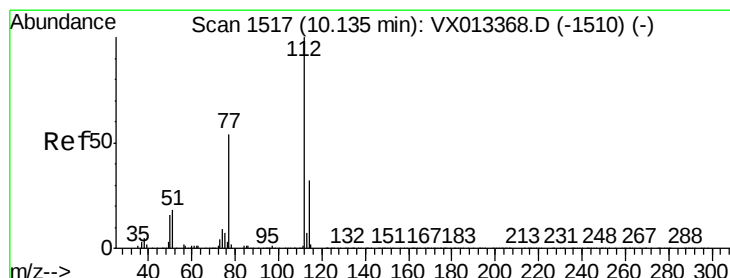
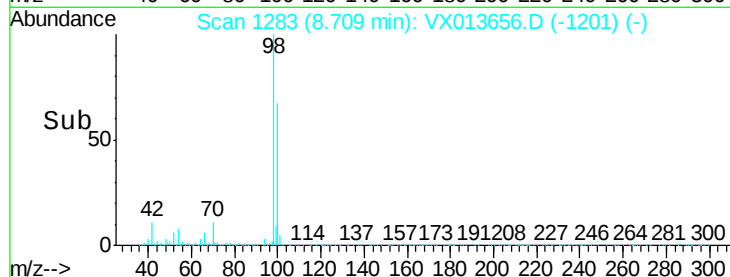
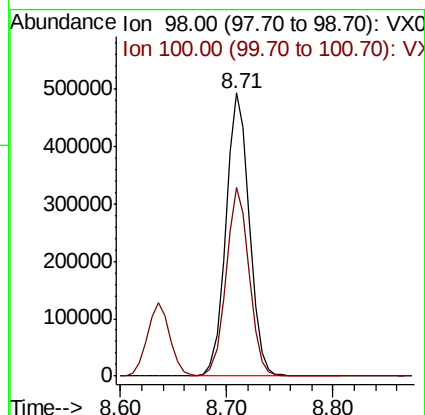
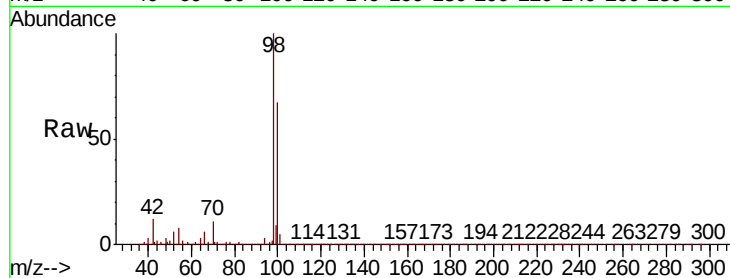
VX1127WBS02

Tot Ion: 98 Resp: 754617

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#64

Chlorobenzene

Concen: 20.278 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013656.D

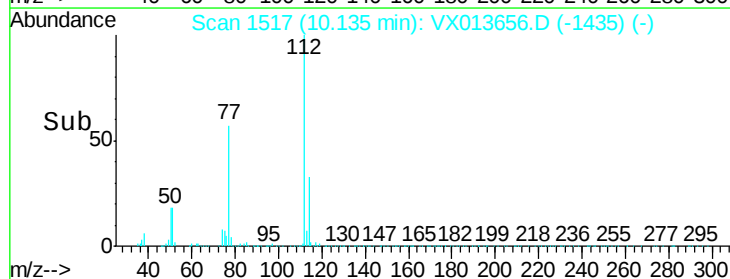
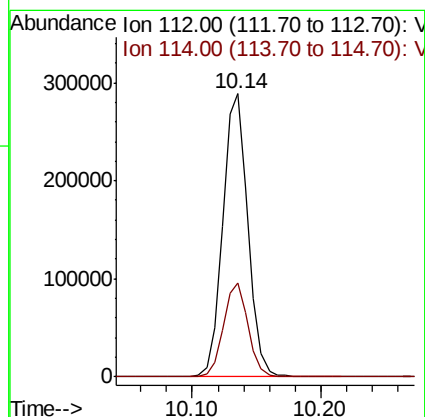
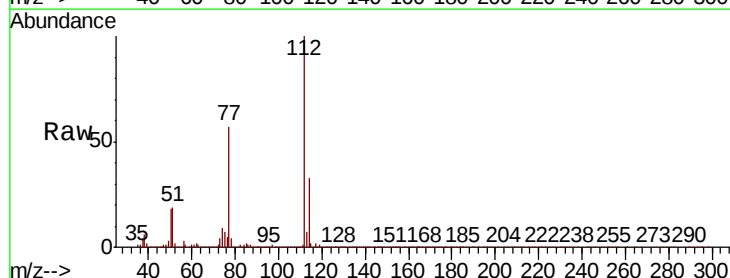
Acq: 27 Nov 2019 16:55

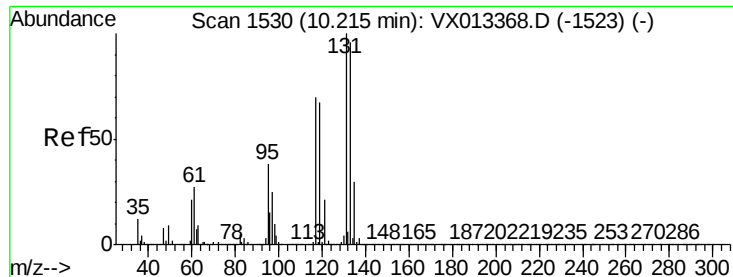
Tgt Ion: 112 Resp: 395457

Ion Ratio Lower Upper

112 100

114 33.3 25.7 38.5

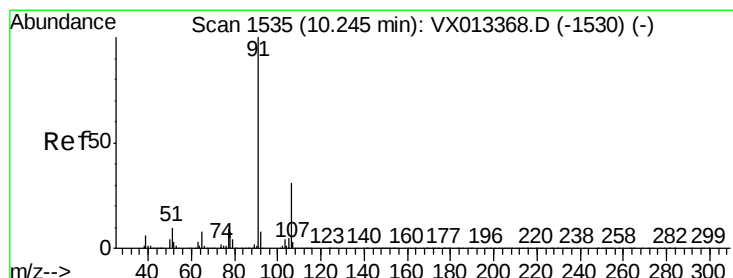
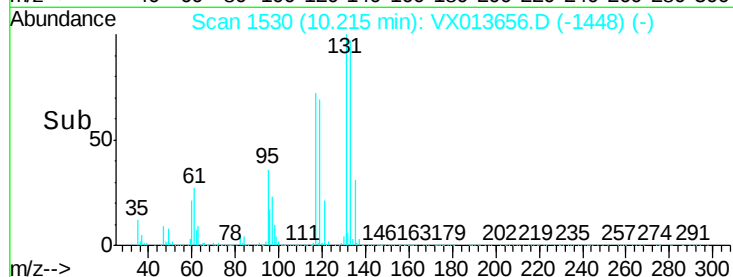
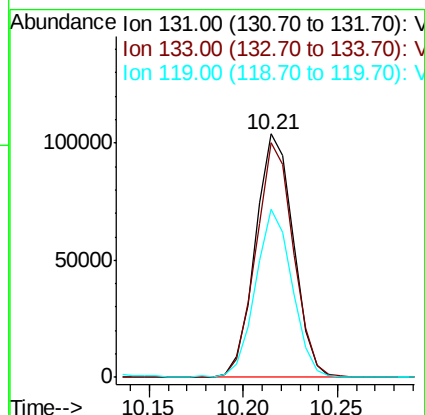
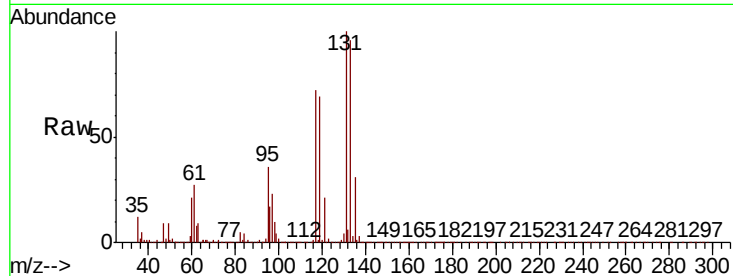




#65
1,1,1,2-Tetrachloroethane
Concen: 19.925 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

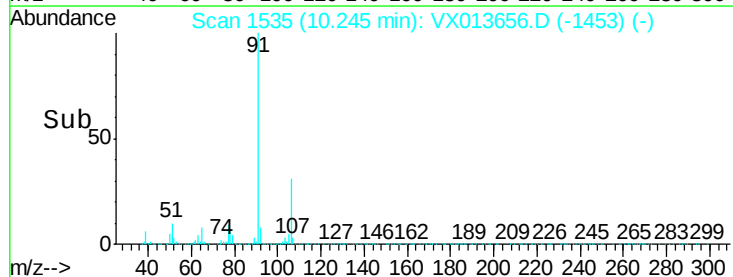
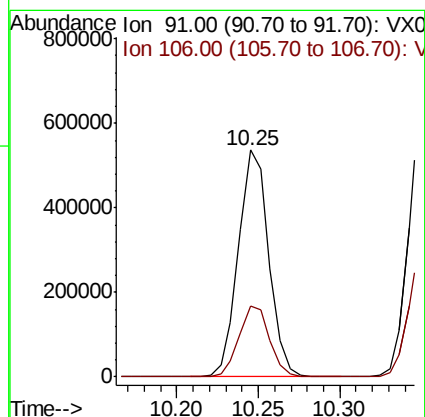
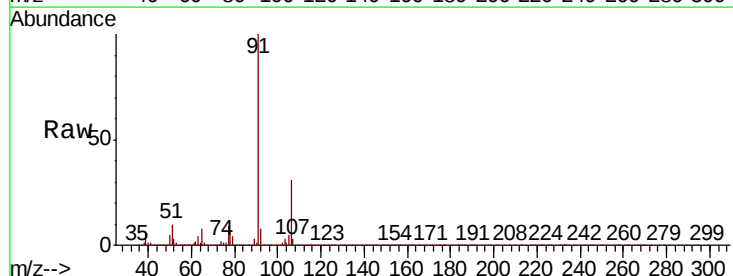
Instrument :
MSVOA_X
ClientSampled :
VX1127WBS02

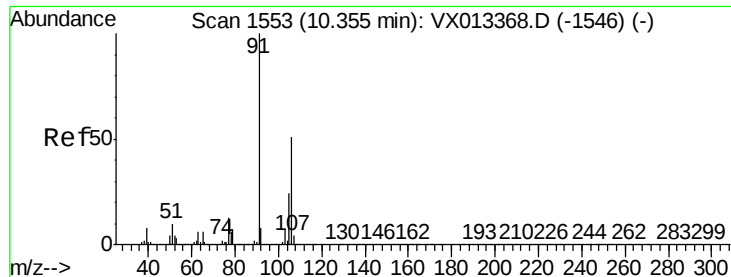
Tot Ion:131 Resp: 145452
Ion Ratio Lower Upper
131 100
133 94.7 0.0 192.2
119 66.2 0.0 134.4



#66
Ethyl Benzene
Concen: 20.365 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion: 91 Resp: 697819
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4

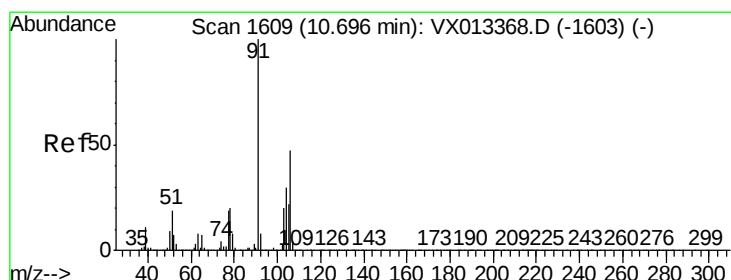
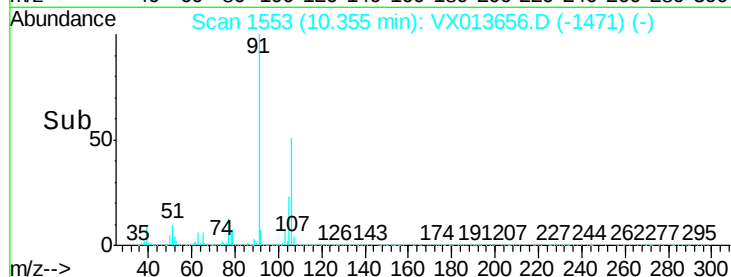
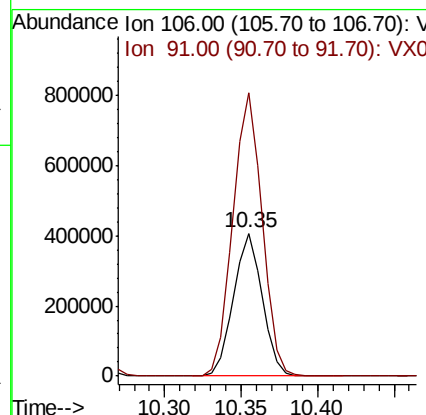
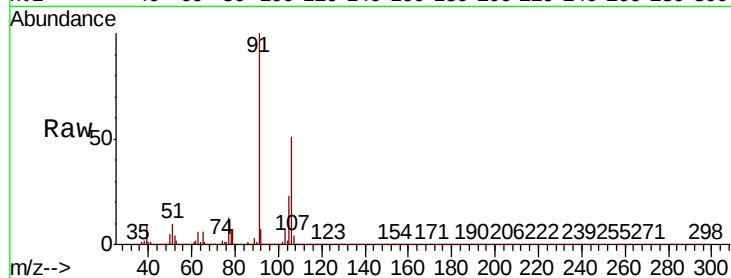




#67
m/p-Xvlenes
Concen: 40.051 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

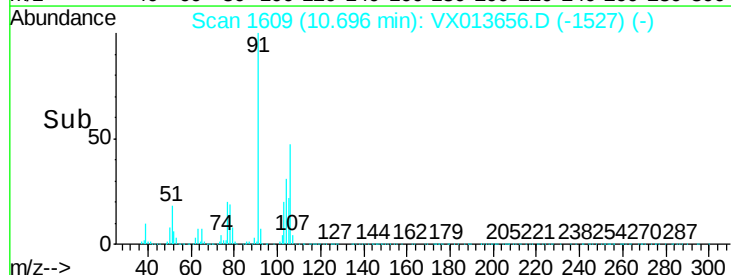
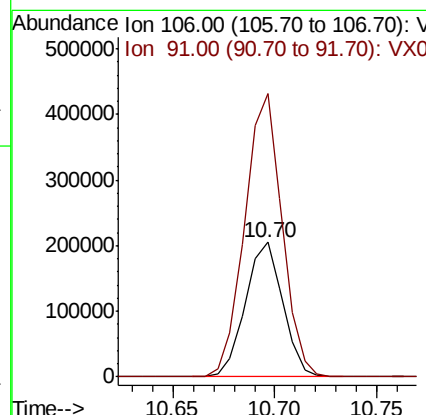
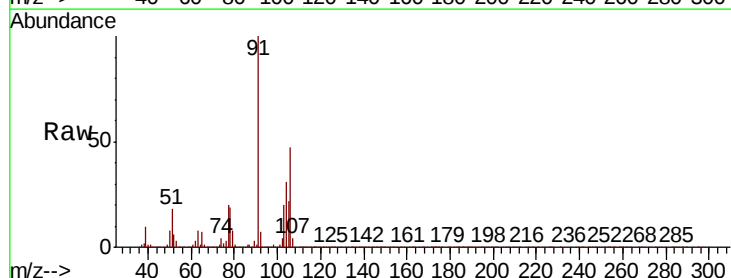
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

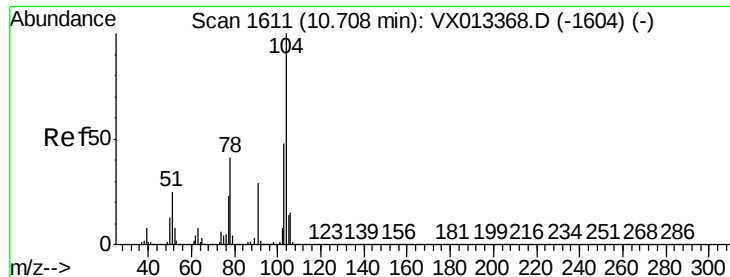
Tot Ion:106 Resp: 529389
Ion Ratio Lower Upper
106 100
91 201.7 158.4 237.6



#68
o-Xylene
Concen: 20.364 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion:106 Resp: 259765
Ion Ratio Lower Upper
106 100
91 210.2 106.4 319.2

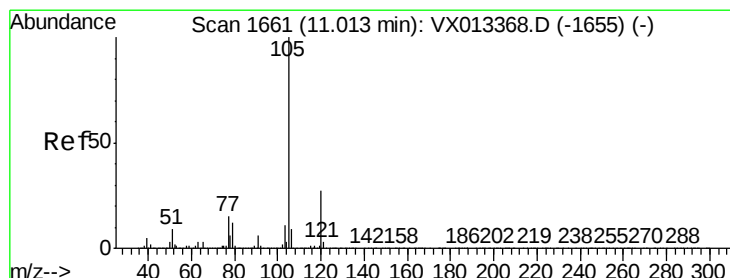
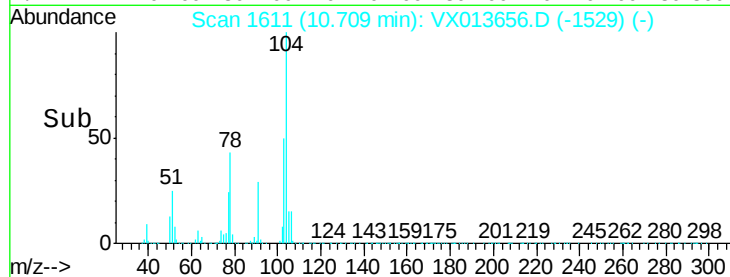
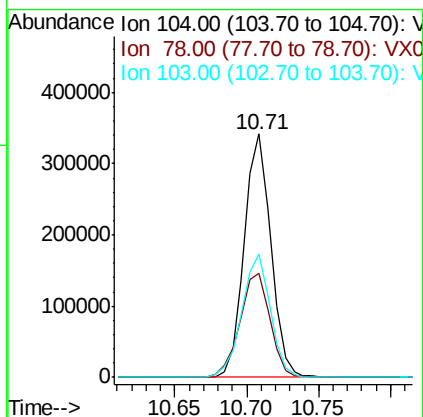
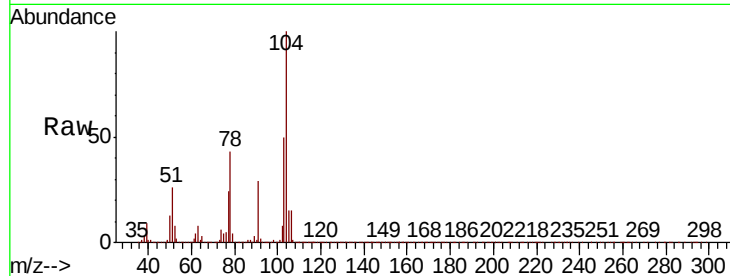




#69
Stvrene
Concen: 20.011 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

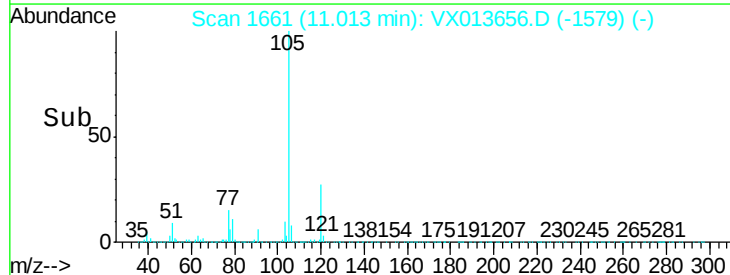
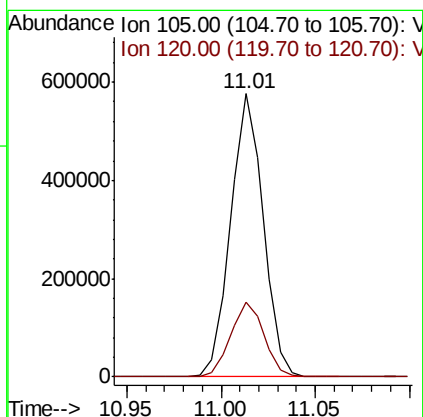
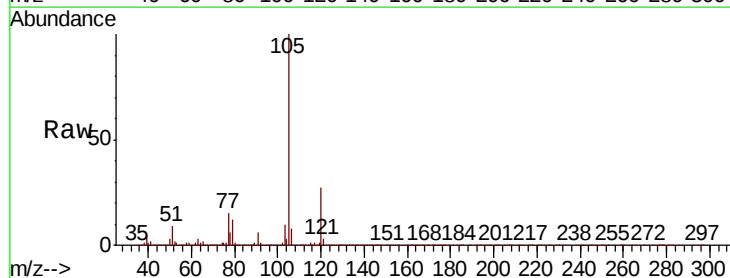
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

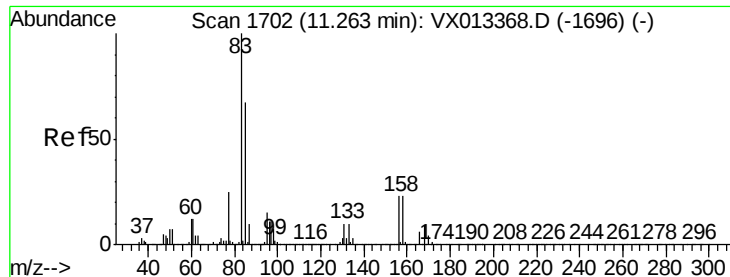
Tot Ion:104 Resp: 435883
Ion Ratio Lower Upper
104 100
78 49.0 38.2 57.4
103 54.5 43.2 64.8



#70
Isopropylbenzene
Concen: 20.562 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion:105 Resp: 691142
Ion Ratio Lower Upper
105 100
120 27.0 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.906 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

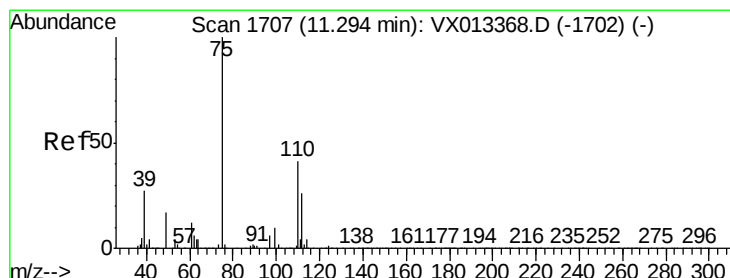
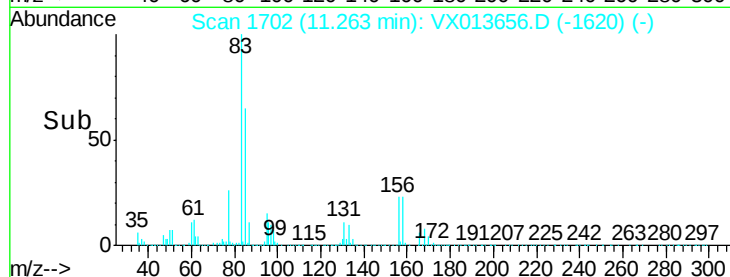
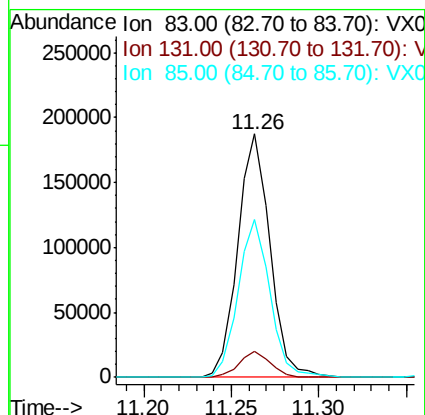
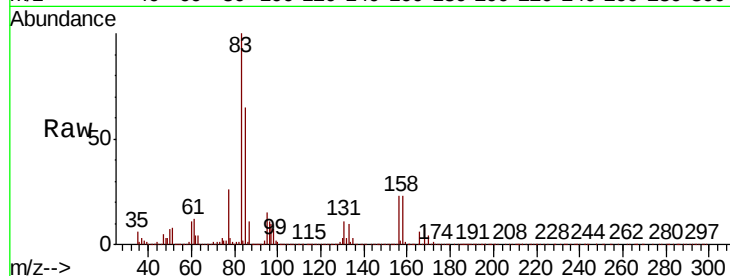
Tot Ion: 83 Resp: 239574

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

85 64.1 32.6 97.7



#72

1,2,3-Trichloropropane

Concen: 26.204 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013656.D

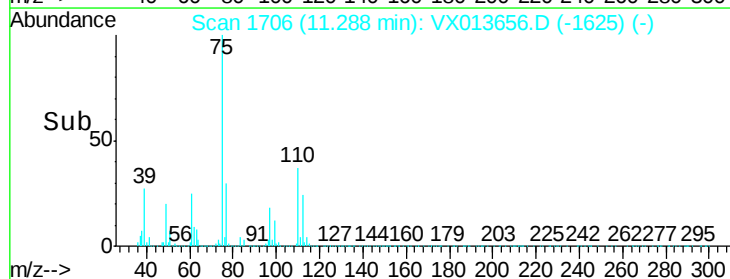
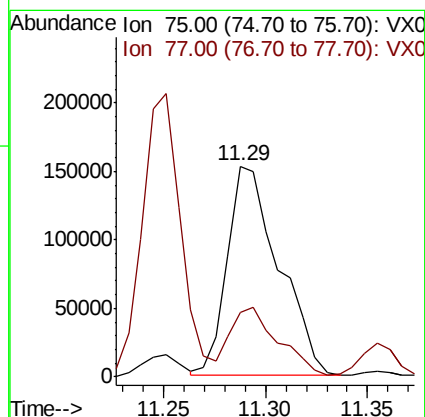
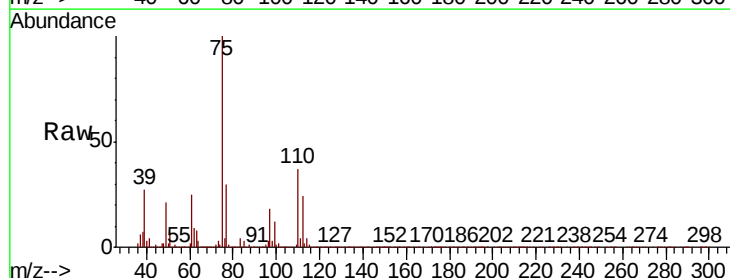
Acq: 27 Nov 2019 16:55

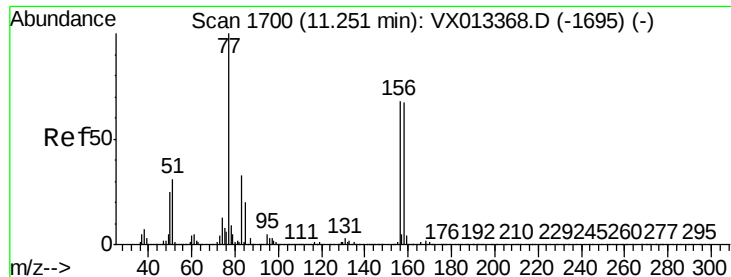
Tgt Ion: 75 Resp: 266290

Ion Ratio Lower Upper

75 100

77 29.6 0.0 86.2





#73

Bromobenzene

Concen: 20.291 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

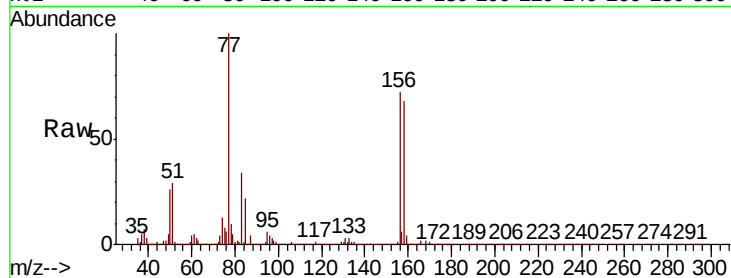
Tot Ion:156 Resp: 179866

Ion Ratio Lower Upper

156 100

77 150.5 0.0 308.8

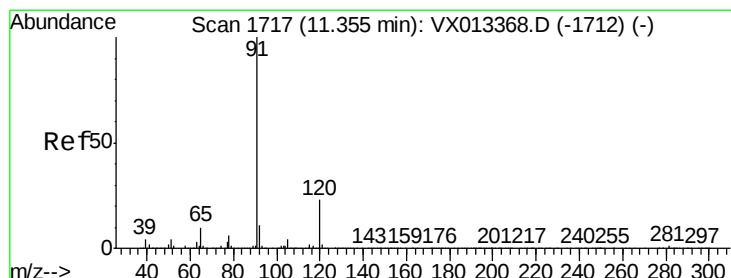
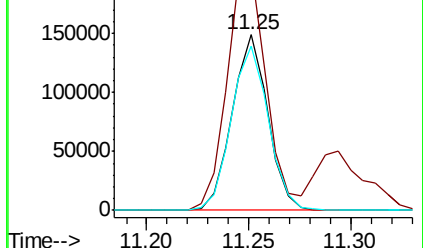
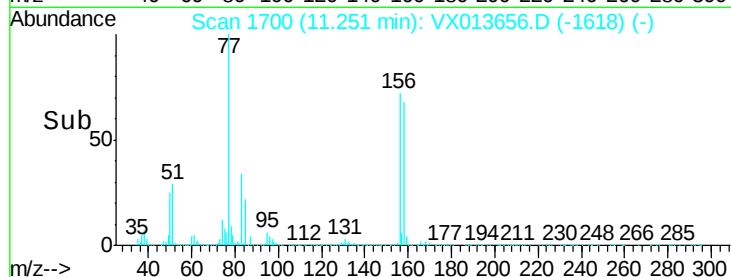
158 97.2 0.0 197.0



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: 20.504 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013656.D

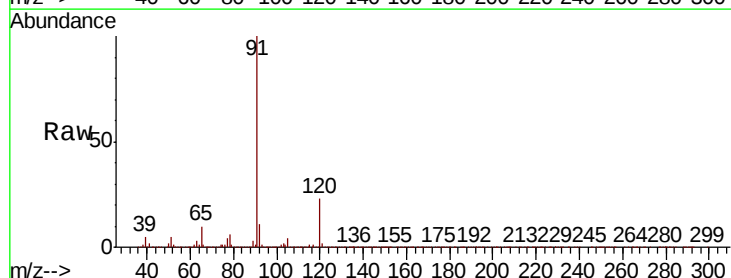
Acq: 27 Nov 2019 16:55

Tgt Ion: 91 Resp: 783248

Ion Ratio Lower Upper

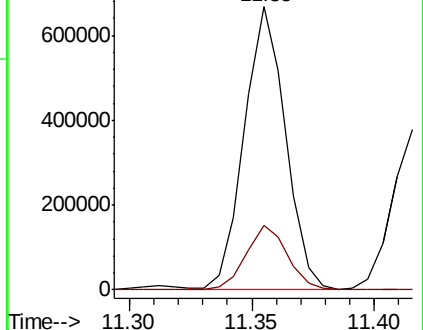
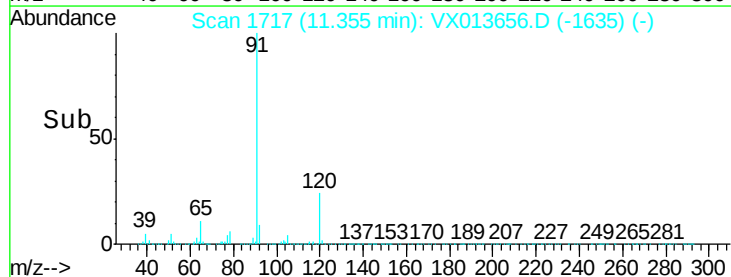
91 100

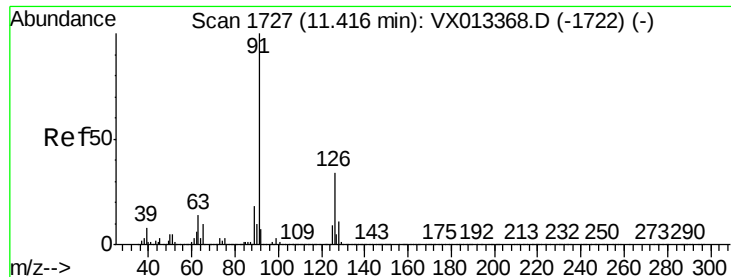
120 22.7 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.384 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

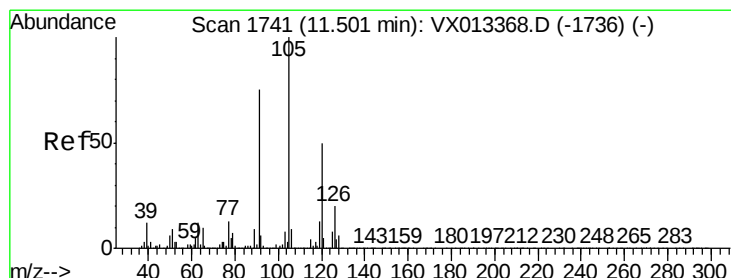
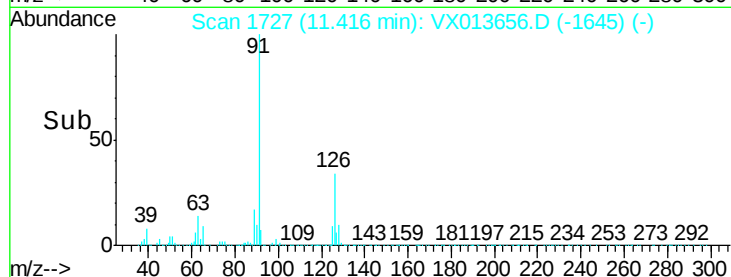
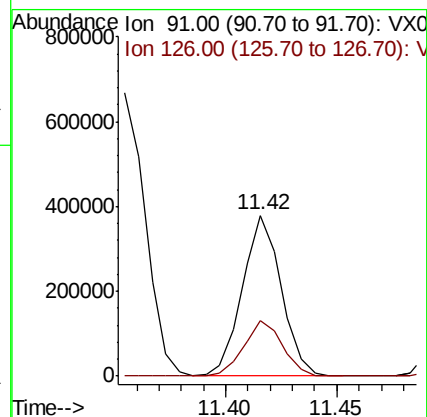
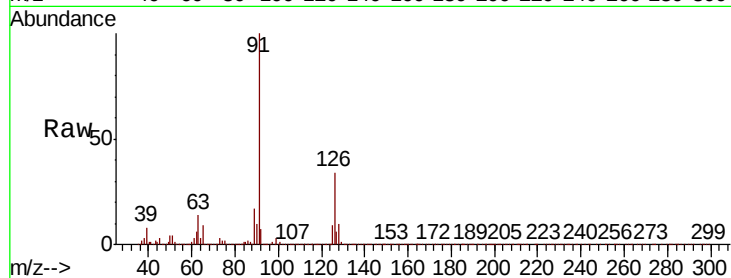
VX1127WBS02

Tot Ion: 91 Resp: 463042

Ion Ratio Lower Upper

91 100

126 34.3 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 20.016 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013656.D

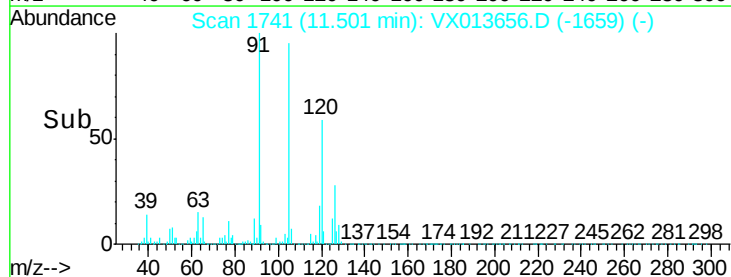
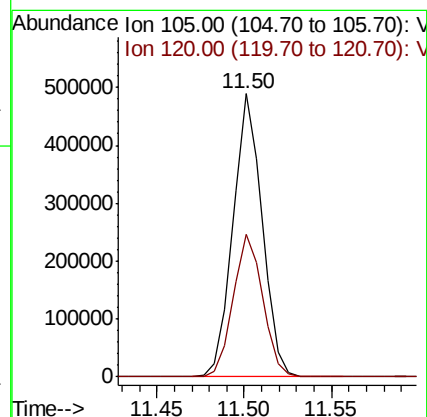
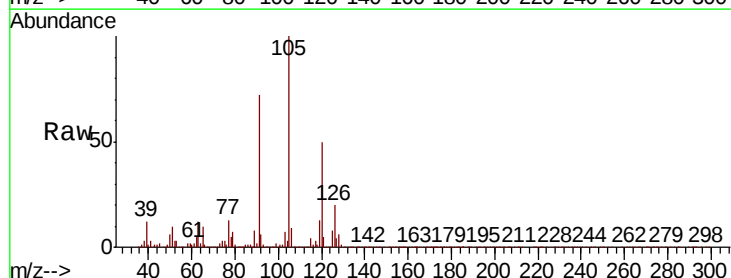
Acq: 27 Nov 2019 16:55

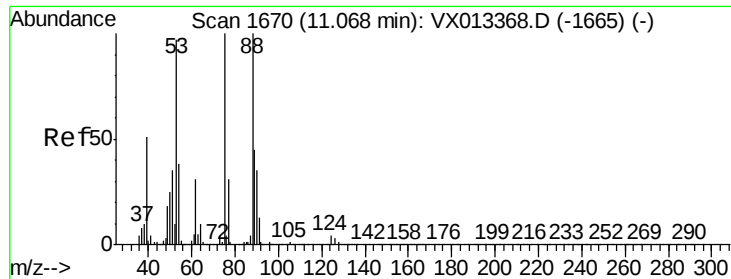
Tgt Ion: 105 Resp: 565506

Ion Ratio Lower Upper

105 100

120 51.0 0.0 100.0

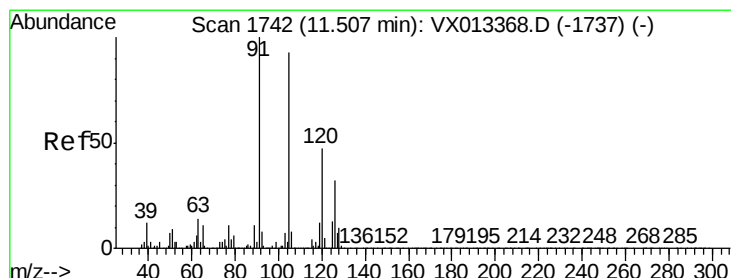
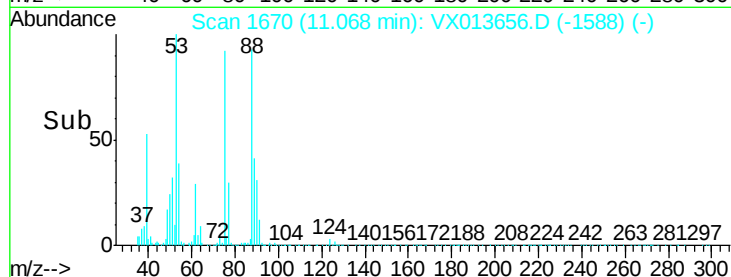
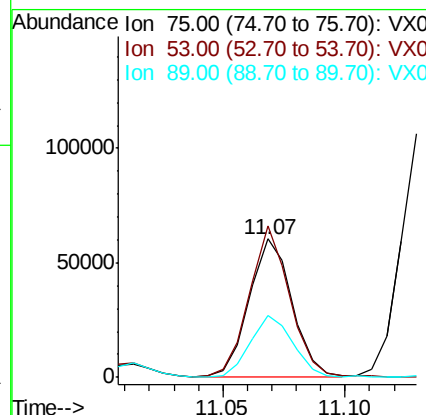
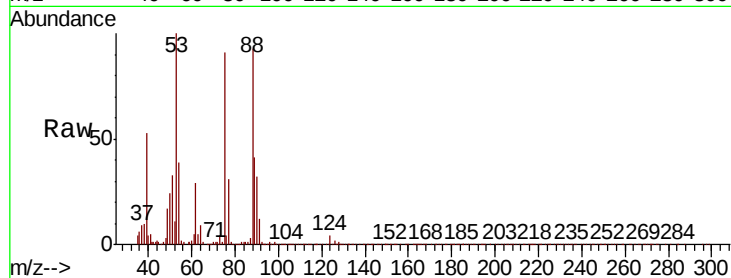




#77
t-1,4-Dichloro-2-butene
Concen: 17.779 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

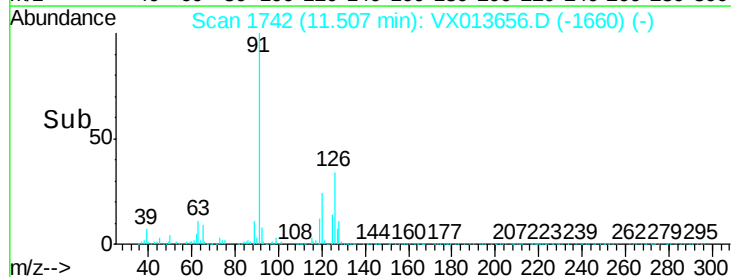
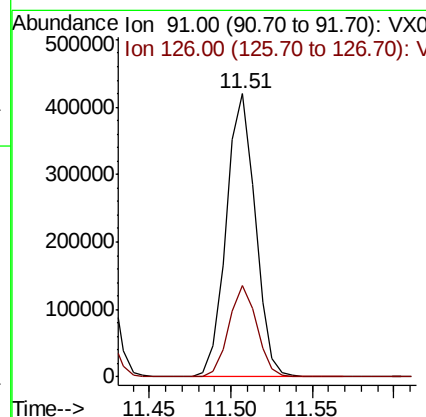
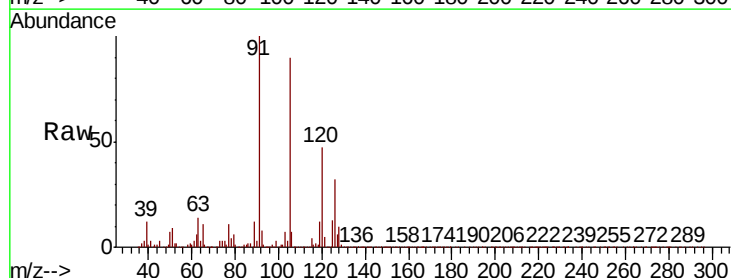
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

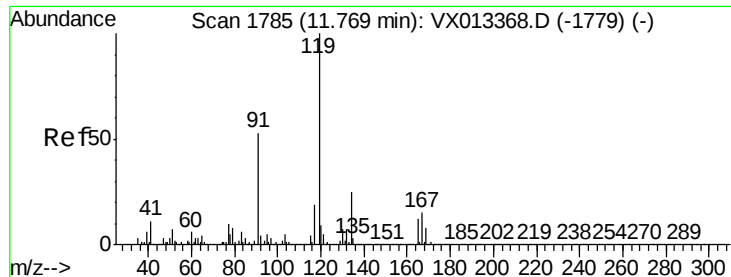
Tot Ion: 75 Resp: 73054
Ion Ratio Lower Upper
75 100
53 109.4 48.8 146.3
89 44.6 22.3 66.8



#78
4-Chlorotoluene
Concen: 20.008 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion: 91 Resp: 520723
Ion Ratio Lower Upper
91 100
126 31.1 0.0 61.0

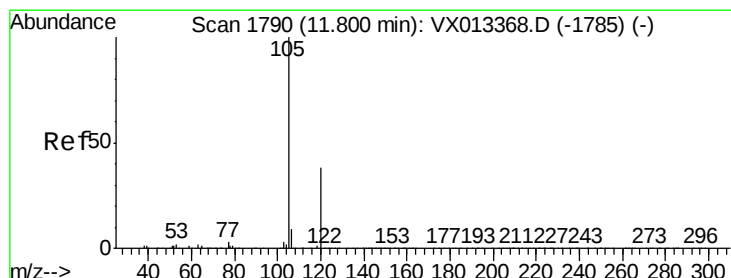
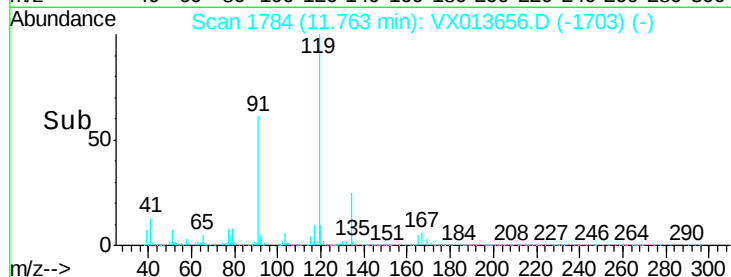
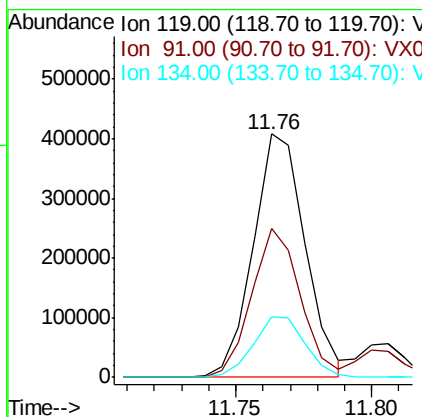
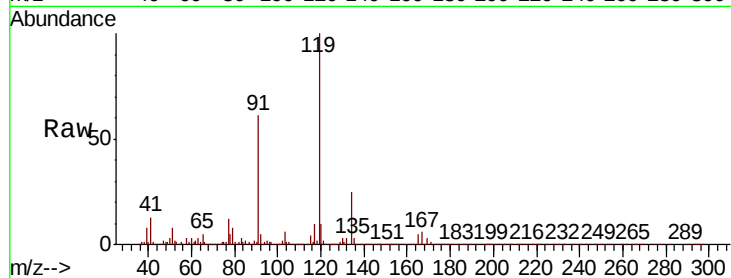




#79
tert-butylbenzene
Concen: 18.919 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

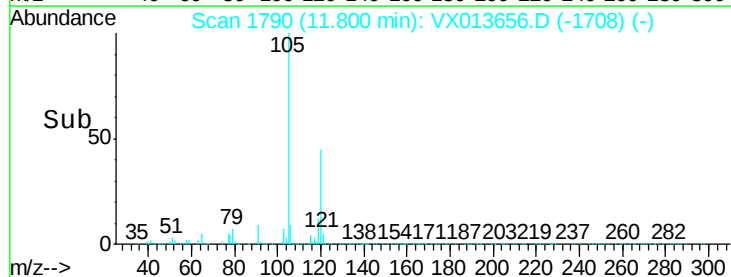
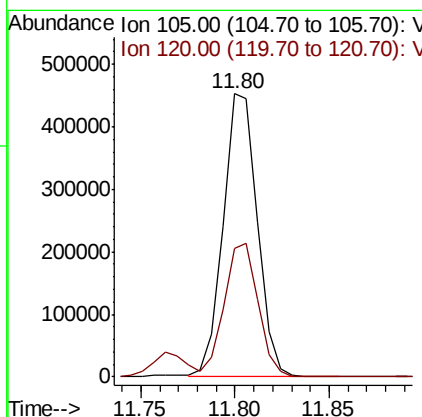
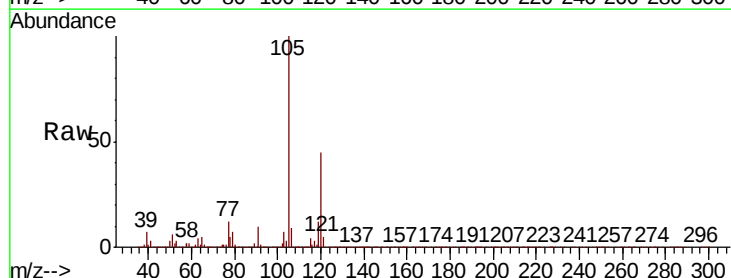
Instrument :
MSVOA_X
ClientSampleID :
VX1127WBS02

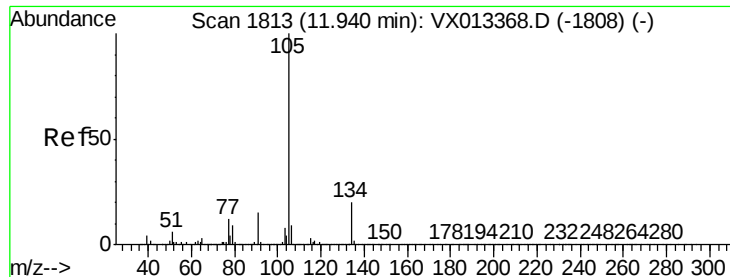
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	0.0	109.6
134	24.7	0.0	47.8



#80
1,2,4-Trimethylbenzene
Concen: 20.172 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	0.0	94.0

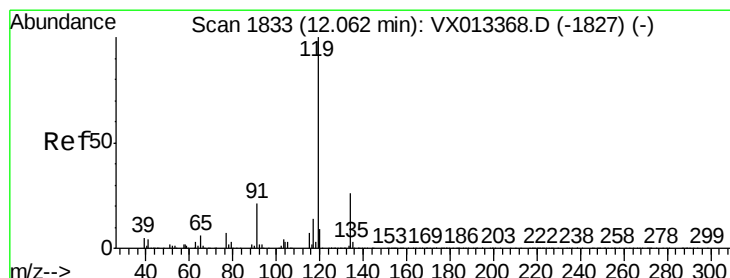
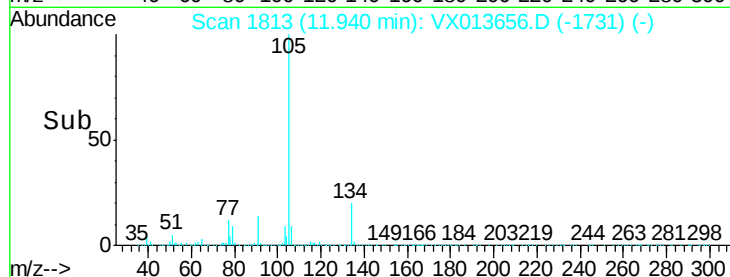
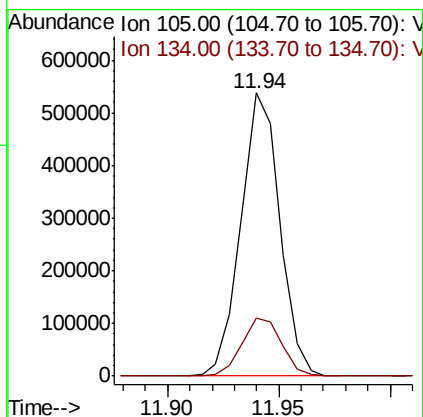
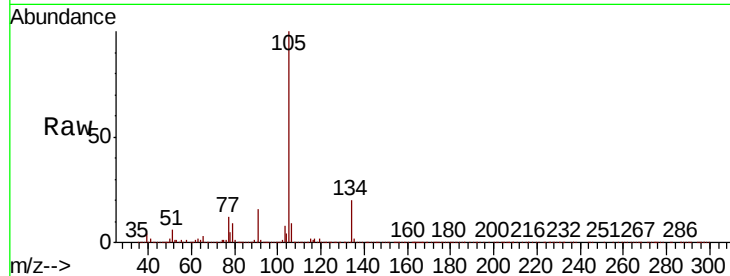




#81
 sec-Butylbenzene
 Concen: 20.197 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

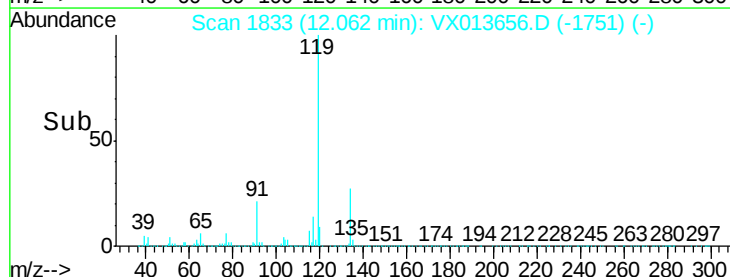
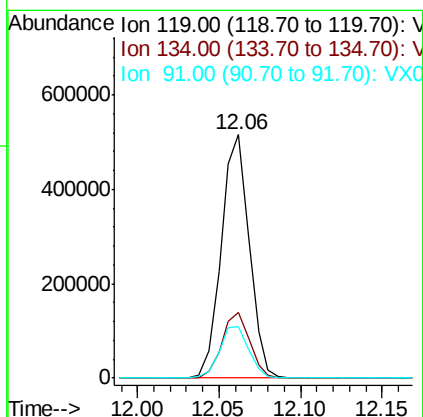
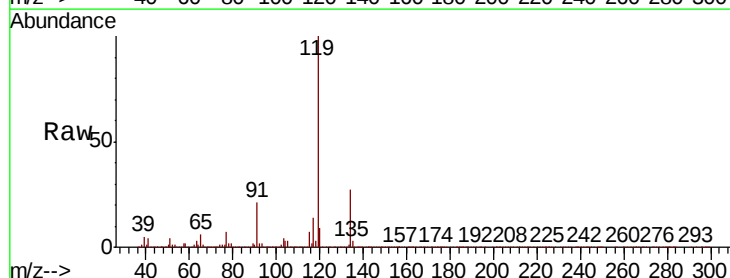
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS02

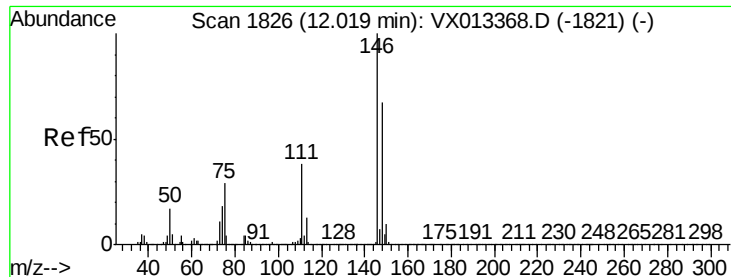
Tot Ion:105 Resp: 656869
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 20.492 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013656.D
 Acq: 27 Nov 2019 16:55

Tgt Ion:119 Resp: 614050
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.6
 91 22.1 0.0 44.2





#83

1,3-Dichlorobenzene

Concen: 19.933 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

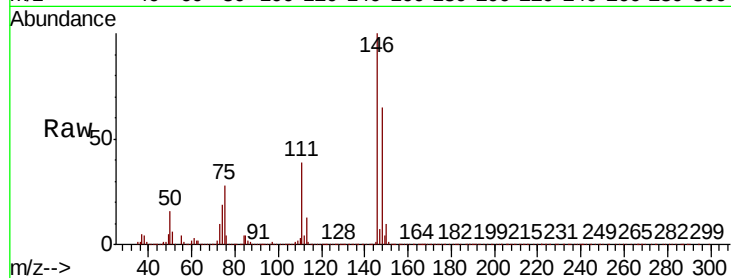
Tot Ion:146 Resp: 310637

Ion Ratio Lower Upper

146 100

111 38.0 18.8 56.3

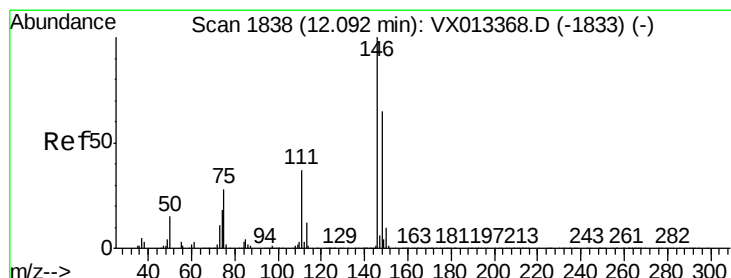
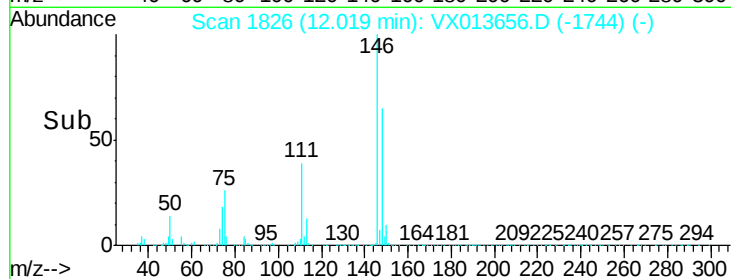
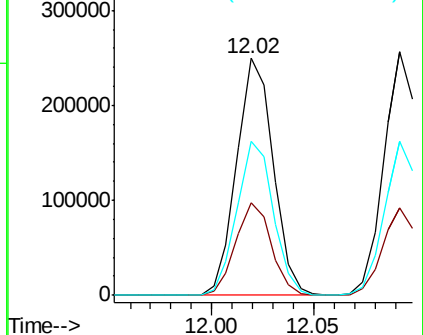
148 65.0 32.3 96.9



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: 20.270 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

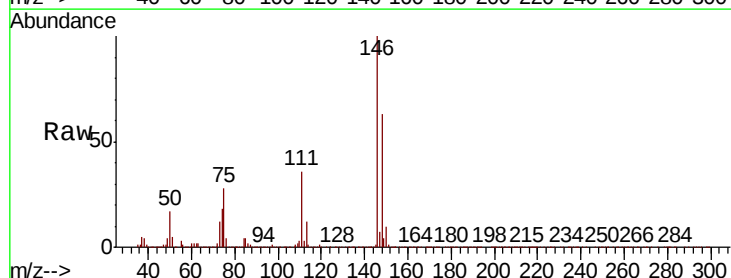
Tgt Ion:146 Resp: 313557

Ion Ratio Lower Upper

146 100

111 35.7 18.6 55.6

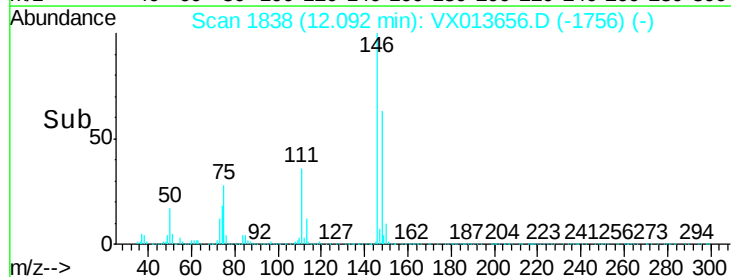
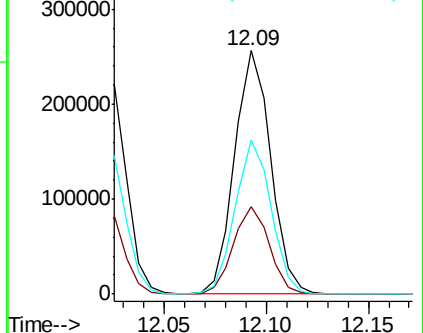
148 63.1 32.5 97.4

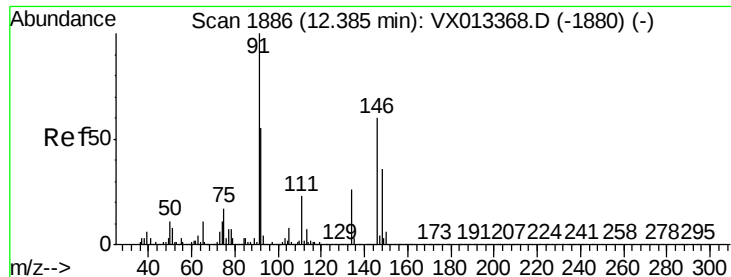


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 20.319 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

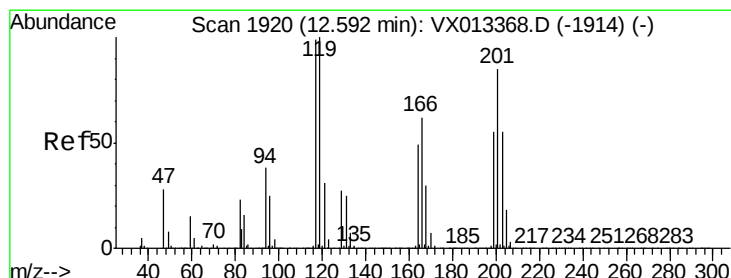
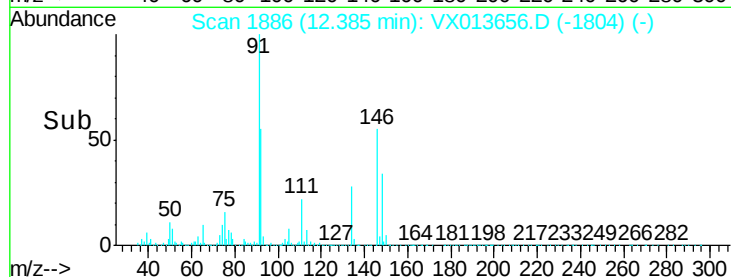
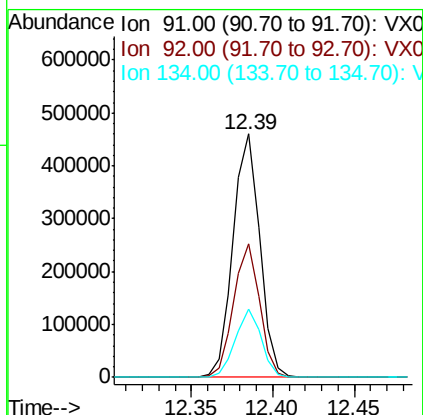
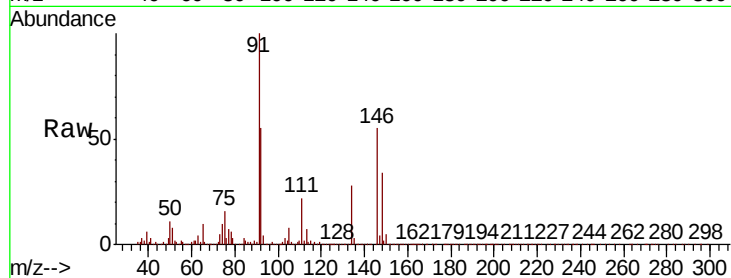
Tot Ion: 91 Resp: 525511

Ion Ratio Lower Upper

91 100

92 53.5 0.0 109.0

134 26.9 0.0 53.0



#86

Hexachloroethane

Concen: 18.599 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013656.D

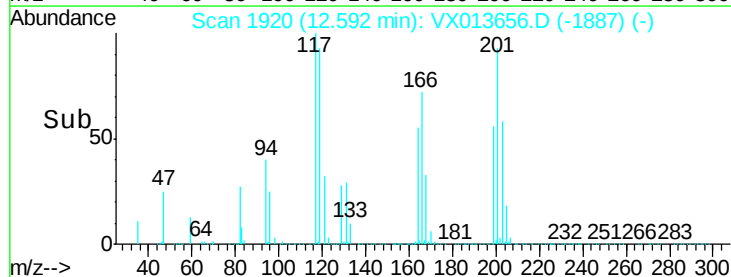
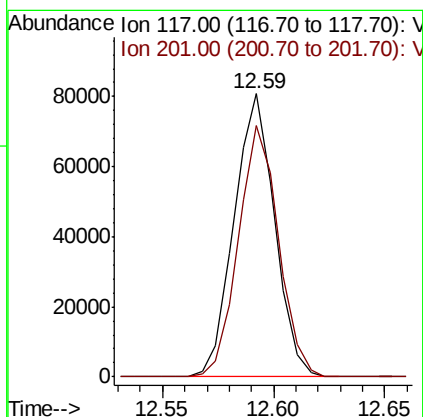
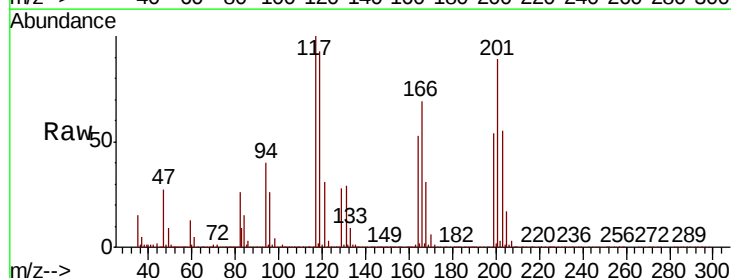
Acq: 27 Nov 2019 16:55

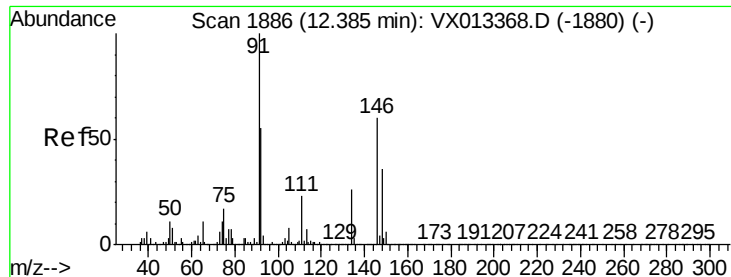
Tgt Ion: 117 Resp: 102274

Ion Ratio Lower Upper

117 100

201 88.2 44.5 133.3





#87

1,2-Dichlorobenzene

Concen: 20.054 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

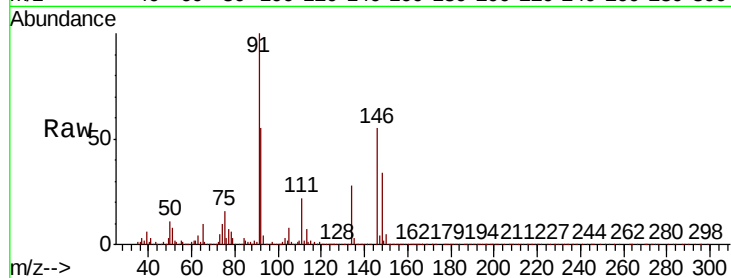
Tot Ion:146 Resp: 312511

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.7

148 64.0 31.6 94.7



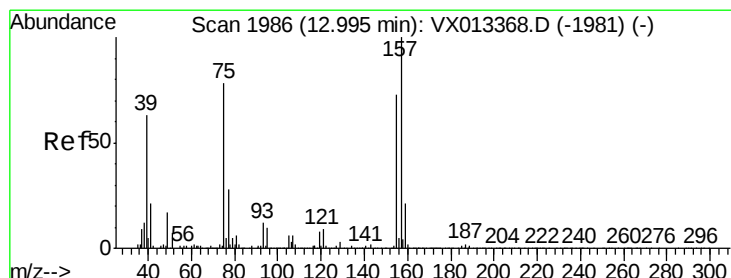
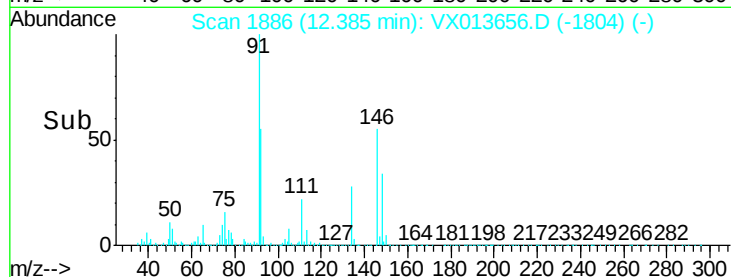
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

12.39

Time-->



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.132 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

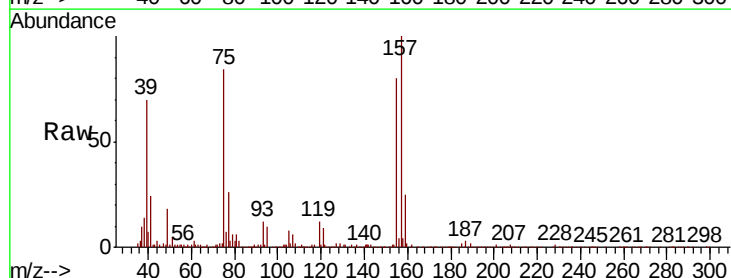
Tgt Ion: 75 Resp: 48801

Ion Ratio Lower Upper

75 100

155 98.8 76.9 115.3

157 126.9 101.2 151.8



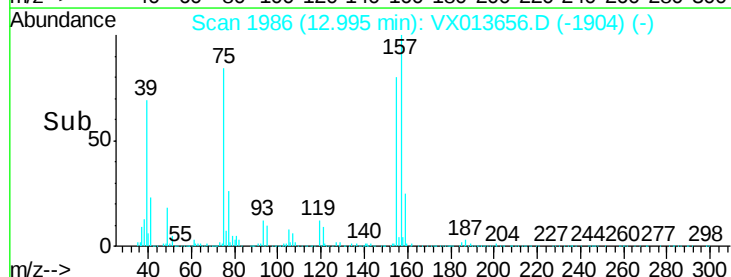
Abundance Ion 75.00 (74.70 to 75.70): VX0

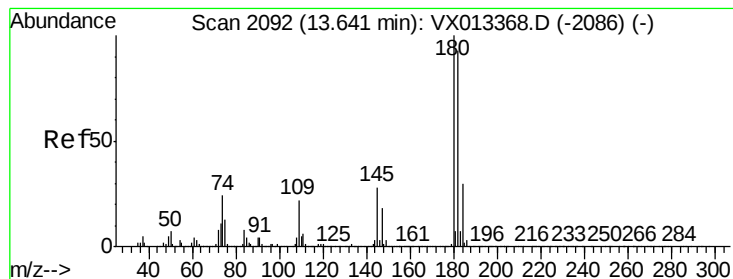
Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

12.99

Time-->





#89

1,2,4-Trichlorobenzene

Concen: 20.040 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBS02

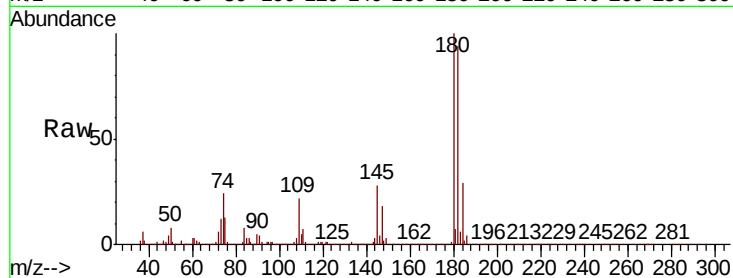
Tot Ion:180 Resp: 215326

Ion Ratio Lower Upper

180 100

182 95.7 74.7 112.1

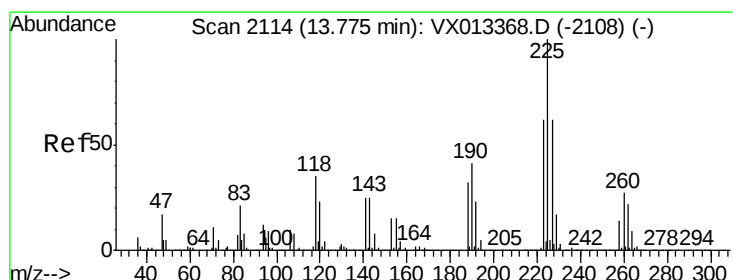
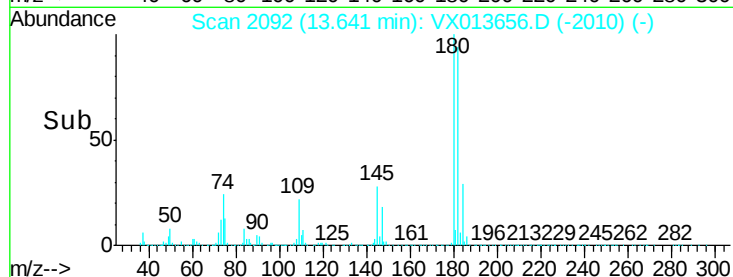
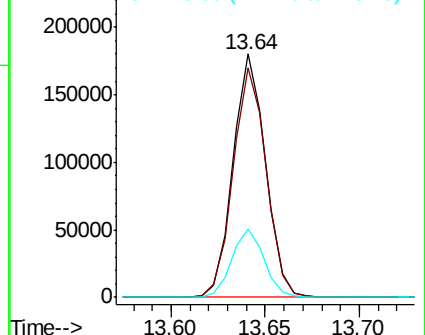
145 27.8 22.1 33.1



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: 19.959 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013656.D

Acq: 27 Nov 2019 16:55

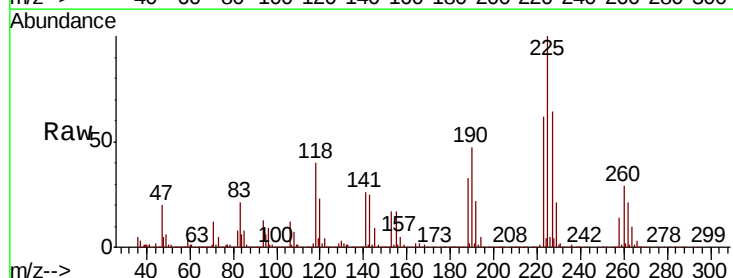
Tgt Ion:225 Resp: 102767

Ion Ratio Lower Upper

225 100

223 62.1 0.0 123.0

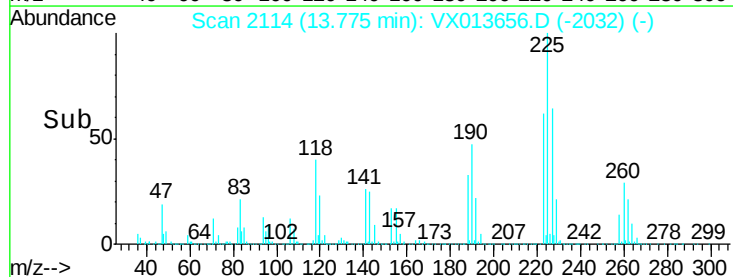
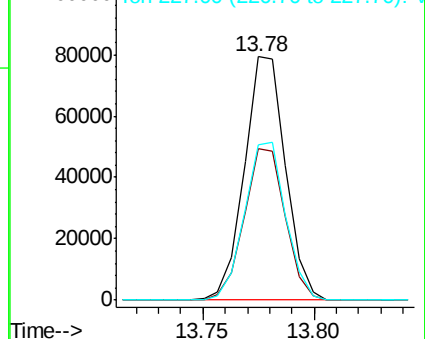
227 64.5 0.0 121.8



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

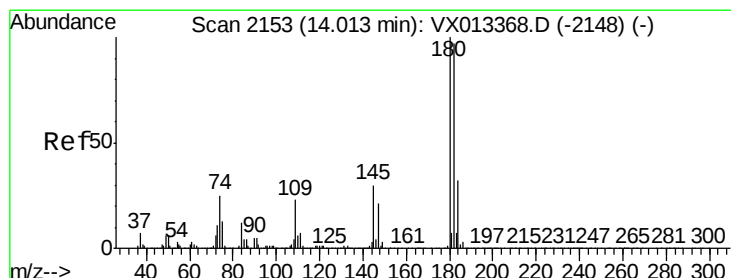
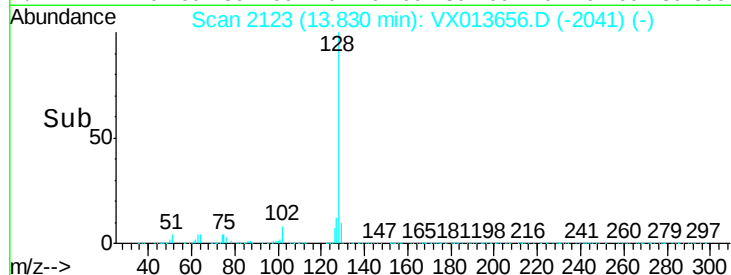
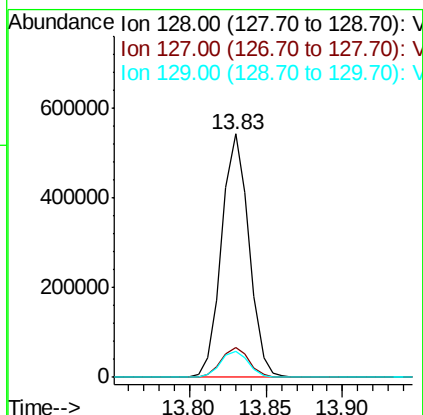
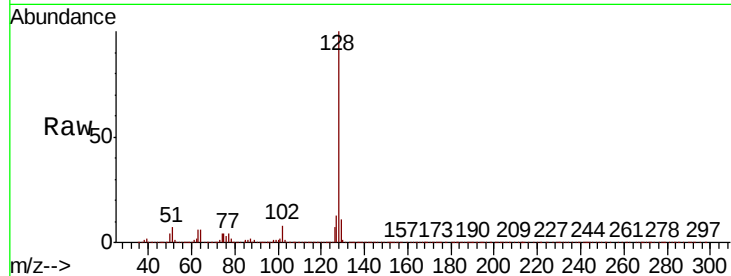




#91
Naphthalene
Concen: 19.804 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS02

Tot Ion:128 Resp: 673745
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.348 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013656.D
Acq: 27 Nov 2019 16:55

Tgt Ion:180 Resp: 220956
Ion Ratio Lower Upper
180 100
182 96.2 0.0 191.0
145 29.5 0.0 59.0

