

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013157.D
 Acq On : 21 Oct 2019 17:18
 Operator : JC/SP
 Sample : VX1021WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBSD01

Quant Time: Oct 22 01:58:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	28008	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	156852	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	139189	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	62865	28.51	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.03%
60) 4-Bromofluorobenzene	11.13	95	70979	29.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.63%
63) Toluene-d8	8.71	98	189298	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	38128	18.961	ug/l 98
3) Chloromethane	1.32	50	34018	19.404	ug/l 95
4) Vinyl Chloride	1.40	62	34799	19.199	ug/l 97
5) Bromomethane	1.63	94	21047	21.519	ug/l 100
6) Chloroethane	1.72	64	21790	18.839	ug/l 96
7) Trichlorofluoromethane	1.92	101	54356	18.661	ug/l 96
8) Diethyl Ether	2.18	74	18413	18.521	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	32436	18.232	ug/l 98
10) 1,1-Dichloroethene	2.36	96	31930	18.583	ug/l 96
11) Methyl Iodide	2.50	142	38282	17.300	ug/l 97
12) Methyl Acetate	2.76	43	44846	20.212	ug/l 99
13) Acrolein	2.28	56	32060	97.068	ug/l 98
14) Acrylonitrile	3.13	53	91746	98.875	ug/l 100
15) Acetone	2.43	58	29827	97.567	ug/l 97
16) Carbon Disulfide	2.56	76	83675	18.236	ug/l 98
17) Allyl chloride	2.72	41	52353	19.155	ug/l 99
18) Methylene Chloride	2.84	84	37651	18.925	ug/l 100
19) trans-1,2-Dichloroethene	3.16	96	35494	19.467	ug/l 96
20) Diisopropyl ether	3.85	45	103120	19.508	ug/l 89
21) 1,1-Dichloroethane	3.69	63	62388	19.438	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	39814	19.150	ug/l 98
23) tert-Butyl Alcohol	3.03	59	48380	98.964	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	113831	19.210	ug/l 98
25) Chloroform	5.20	83	65087	19.298	ug/l 98
26) Cyclohexane	5.56	56	52681	18.707	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	47396	19.451	ug/l 85
30) 2-Butanone	4.66	43	135246	105.813	ug/l 98
31) 2,2-Dichloropropane	4.58	77	54517	19.352	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	58488	19.836	ug/l 98
33) Carbon Tetrachloride	5.78	117	48046	18.959	ug/l 94
34) Benzene	6.14	78	141368	20.152	ug/l 99
35) Methacrylonitrile	5.03	41	26103	19.914	ug/l 96
36) 1,2-Dichloroethane	6.18	62	53089	20.020	ug/l # 84
37) Trichloroethene	7.21	130	37080	19.057	ug/l 94
38) Methylcyclohexane	7.46	83	57551	19.366	ug/l 99
39) 1,2-Dichloropropane	7.51	63	34770	20.194	ug/l 97
40) Dibromomethane	7.65	93	24894	20.241	ug/l 97

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 Misc : 5.0mL/MSVOA X/WATER
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 ClientSampleId :
 VX1021WBSD01

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	47472	19.143	ug/l	95
42) Vinyl Acetate	3.80	43	451055	101.765	ug/l	100
43) Ethyl Acetate	4.83	43	48617	20.854	ug/l	100
44) Isopropyl Acetate	6.44	43	79733	20.350	ug/l	99
45) 1,4-Dioxane	7.73	88	20858	420.950	ug/l	97
46) Methyl methacrylate	7.76	41	38880	20.166	ug/l	93
47) n-amyl Acetate	10.89	43	64340	19.481	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	52762	19.396	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	57920	19.569	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	36526	20.111	ug/l	98
51) Ethyl methacrylate	9.17	69	57019	20.022	ug/l	99
52) 1,3-Dichloropropane	9.37	76	62267	20.358	ug/l	100
53) Dibromochloromethane	9.58	129	37249	19.013	ug/l	99
54) 1,2-Dibromoethane	9.67	107	38929	20.046	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	118059	102.053	ug/l	99
56) Bromoform	10.86	173	26598	19.136	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	247092	105.352	ug/l	100
59) 2-Hexanone	9.48	43	193097	105.052	ug/l	99
61) Tetrachloroethene	9.33	164	38057	20.624	ug/l	96
62) Toluene	8.78	91	153410	20.417	ug/l	99
64) Chlorobenzene	10.14	112	97090	20.153	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	36010	19.953	ug/l	98
66) Ethyl Benzene	10.25	91	172160	19.908	ug/l	96
67) m/p-Xylenes	10.36	106	130529	39.714	ug/l	99
68) o-Xylene	10.70	106	64084	20.425	ug/l	91
69) Styrene	10.71	104	108141	20.028	ug/l	99
70) Isopropylbenzene	11.01	105	167364	19.439	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	53945	20.448	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	63503	27.714	ug/l	90
73) Bromobenzene	11.25	156	40259	19.485	ug/l	98
74) n-propylbenzene	11.35	91	189029	20.004	ug/l	99
75) 2-Chlorotoluene	11.42	91	113993	19.278	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	145651	20.153	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	16738	18.814	ug/l	95
78) 4-Chlorotoluene	11.51	91	132745	19.647	ug/l	97
79) tert-butylbenzene	11.76	119	135529	19.475	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	143946	19.937	ug/l	99
81) sec-Butylbenzene	11.94	105	161704	19.505	ug/l	100
82) p-Isopropyltoluene	12.06	119	148974	19.653	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	70453	18.672	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	70611	18.922	ug/l	100
85) n-Butylbenzene	12.39	91	117169	18.198	ug/l	99
86) Hexachloroethane	12.59	117	24822	18.761	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	71464	19.525	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	12394	19.066	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	41638	18.291	ug/l	94
90) Hexachlorobutadiene	13.78	225	21260	18.394	ug/l	98
91) Naphthalene	13.83	128	143011	19.313	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	43795	18.778	ug/l	99

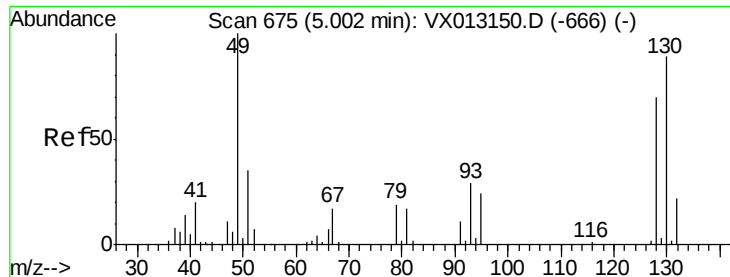
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampled :

VX1021WBSD01

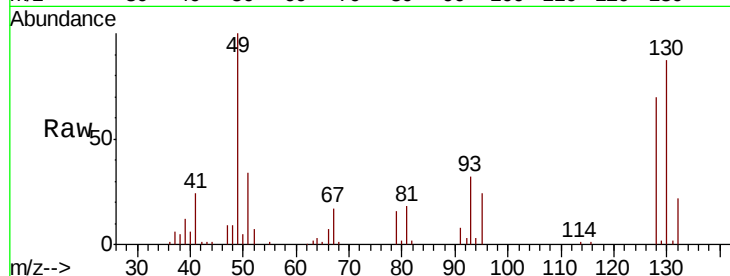
Tot Ion:128 Resp: 28008

Ion Ratio Lower Upper

128 100

49 139.5 0.0 367.3

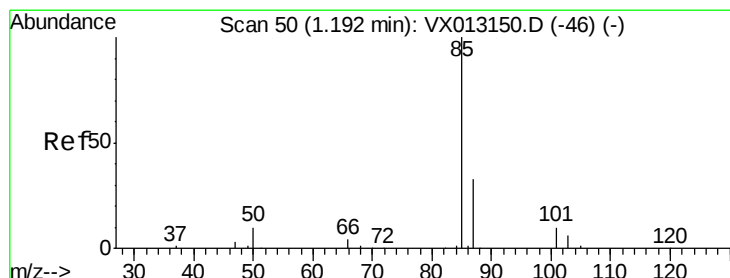
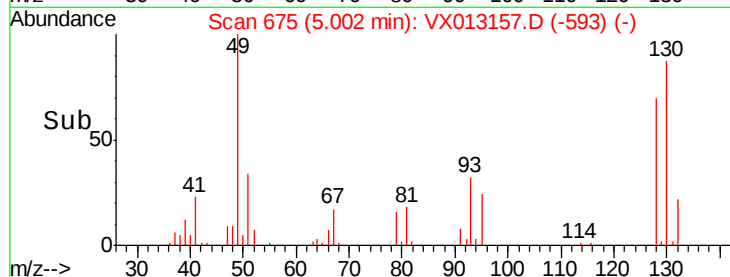
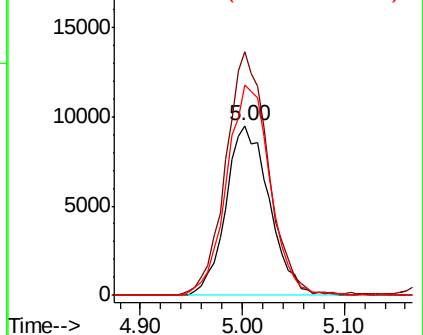
130 124.4 0.0 325.0



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: 18.961 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013157.D

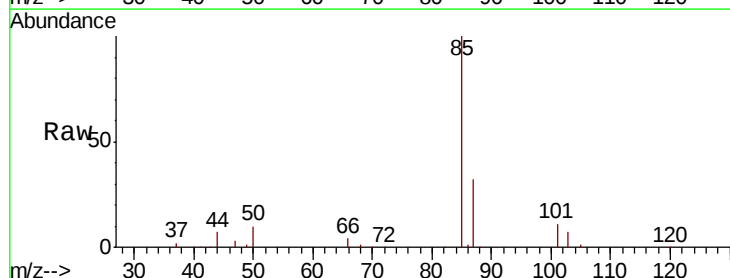
Acq: 21 Oct 2019 17:18

Tgt Ion: 85 Resp: 38128

Ion Ratio Lower Upper

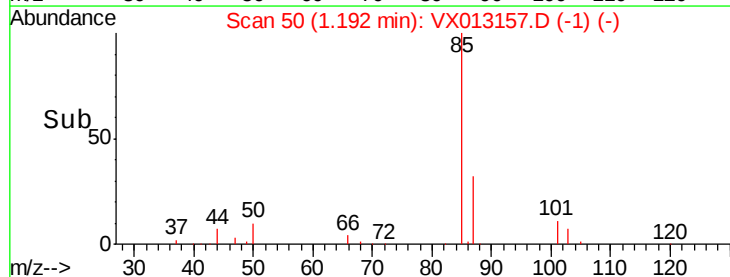
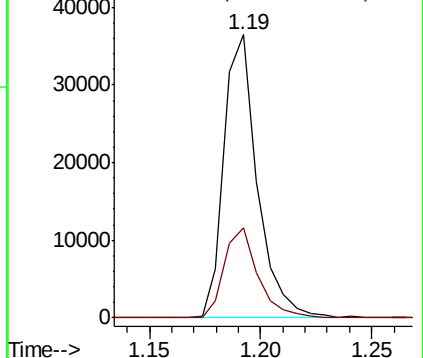
85 100

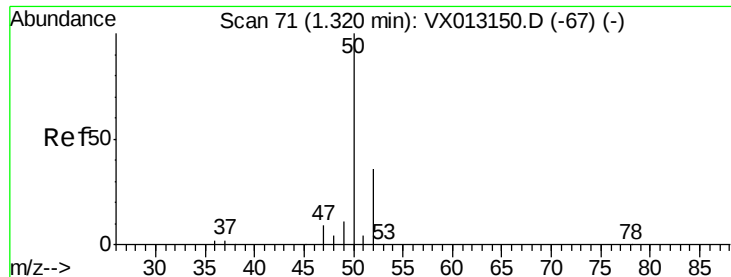
87 31.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.404 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

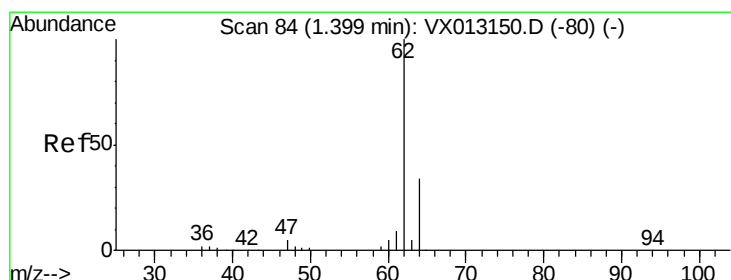
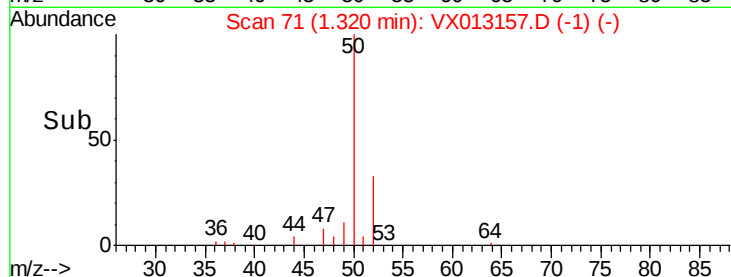
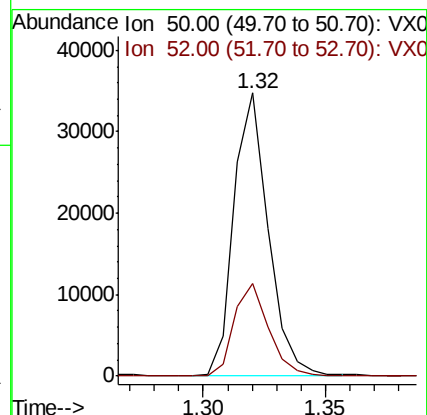
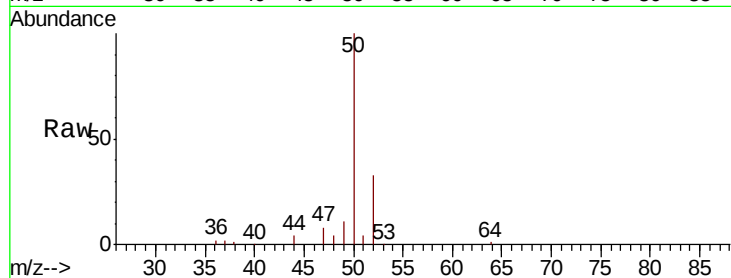
VX1021WBSD01

Tot Ion: 50 Resp: 34018

Ion Ratio Lower Upper

50 100

52 32.7 28.6 42.8



#4

Vinyl Chloride

Concen: 19.199 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013157.D

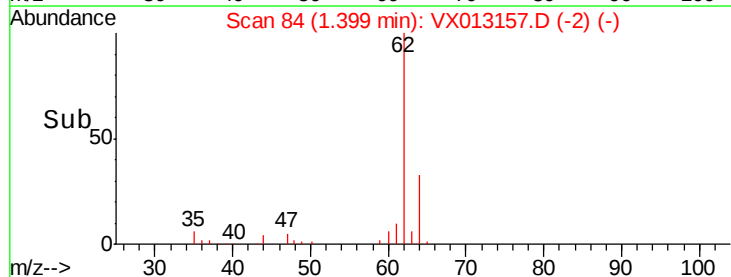
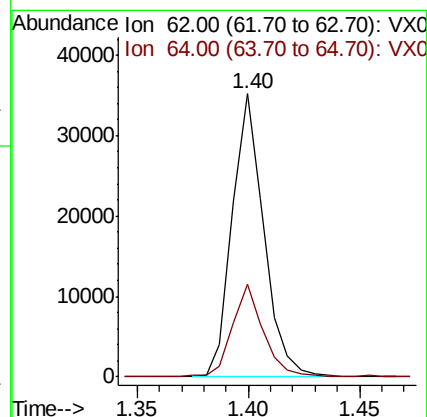
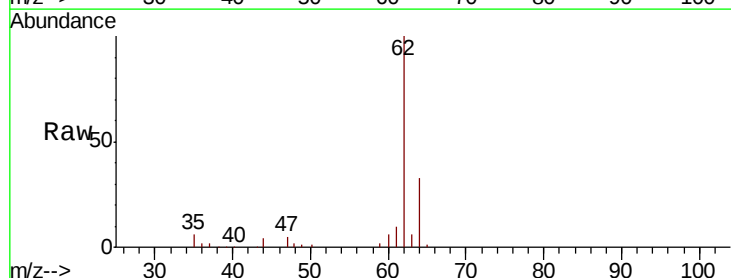
Acq: 21 Oct 2019 17:18

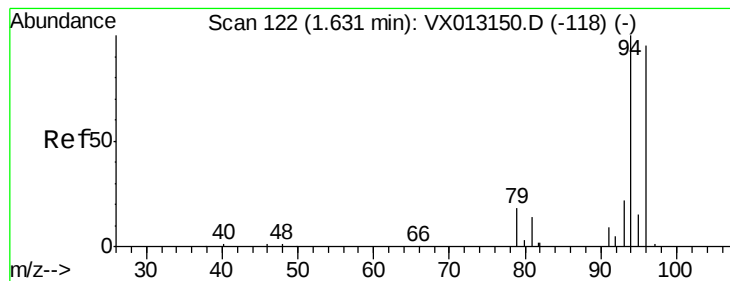
Tgt Ion: 62 Resp: 34799

Ion Ratio Lower Upper

62 100

64 32.2 27.3 40.9





#5

Bromomethane

Concen: 21.519 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

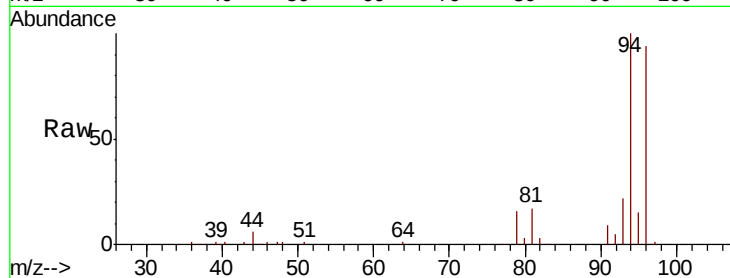
VX1021WBSD01

Tot Ion: 94 Resp: 21047

Ion Ratio Lower Upper

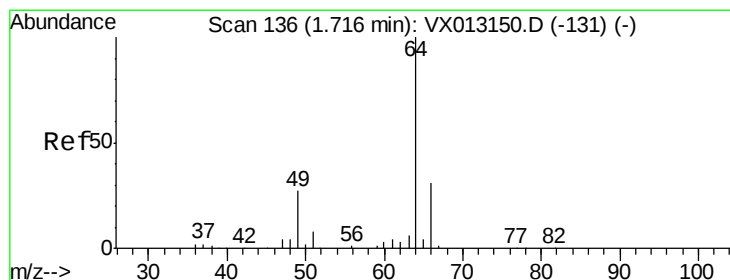
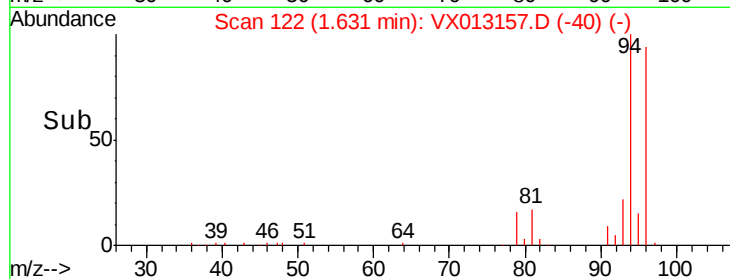
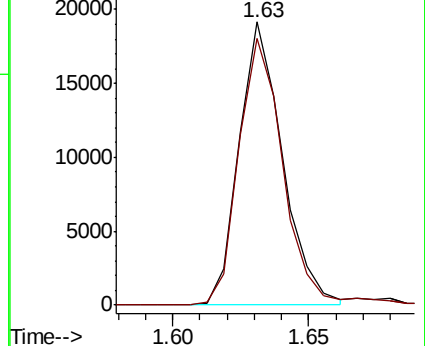
94 100

96 94.6 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.839 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013157.D

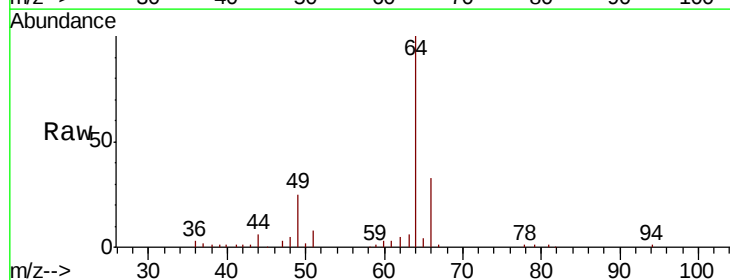
Acq: 21 Oct 2019 17:18

Tgt Ion: 64 Resp: 21790

Ion Ratio Lower Upper

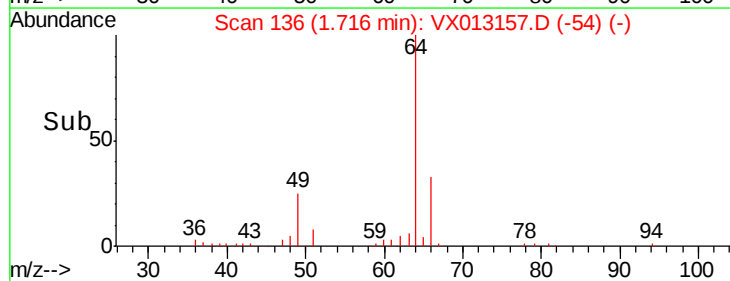
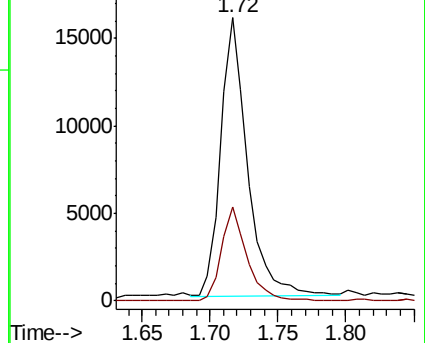
64 100

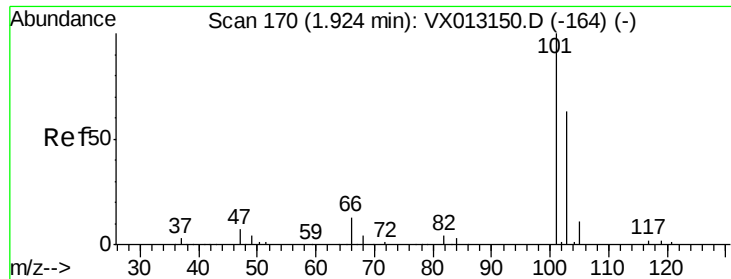
66 34.0 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



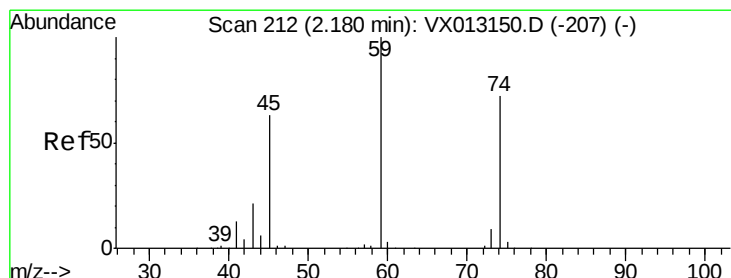
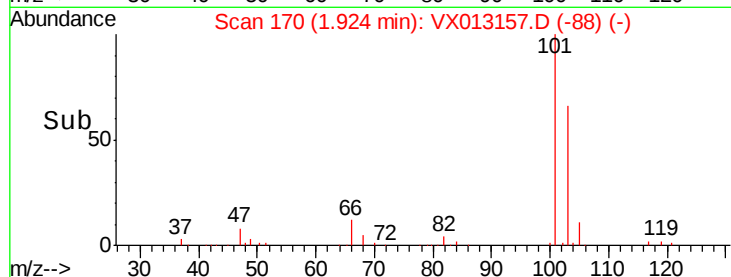
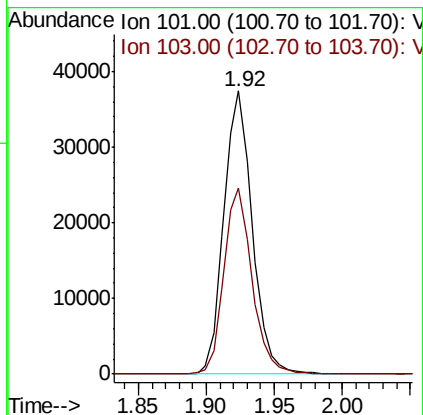
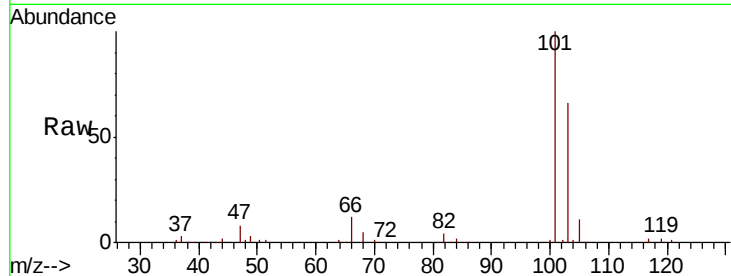


#7

Trichlorofluoromethane
 Concen: 18.661 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Instrument :
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 VX1021WBSD01

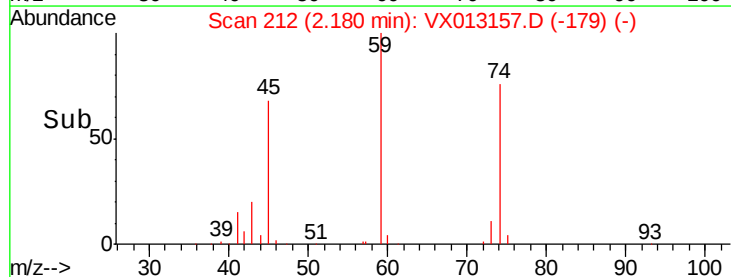
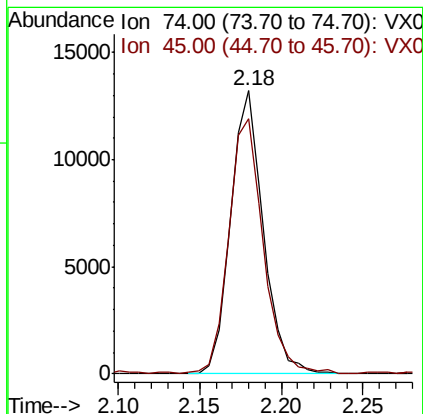
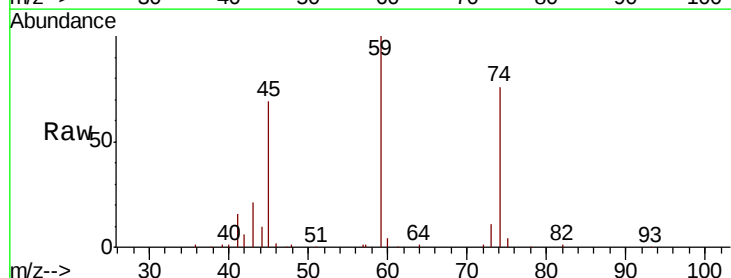
Tot Ion:101 Resp: 54356
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.2 75.4

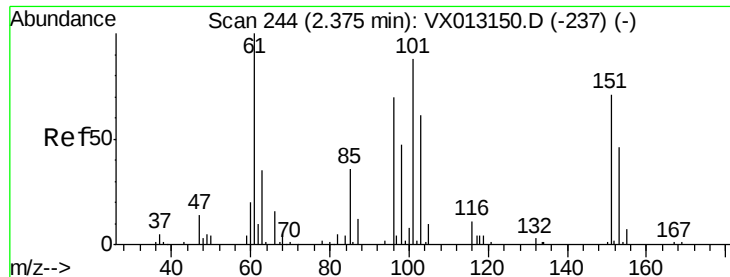


#8

Diethyl Ether
 Concen: 18.521 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Tgt Ion: 74 Resp: 18413
 Ion Ratio Lower Upper
 74 100
 45 94.5 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.232 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBSD01

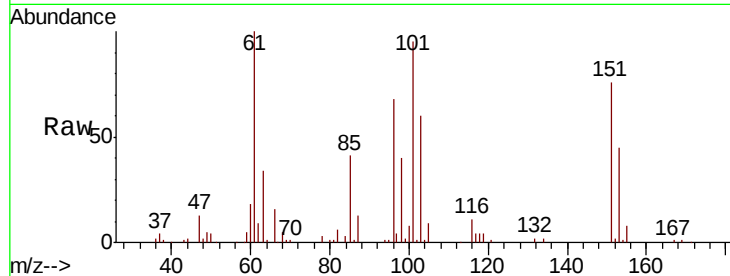
Tot Ion:101 Resp: 32436

Ion Ratio Lower Upper

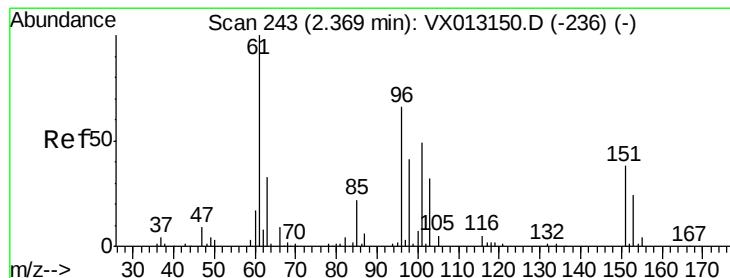
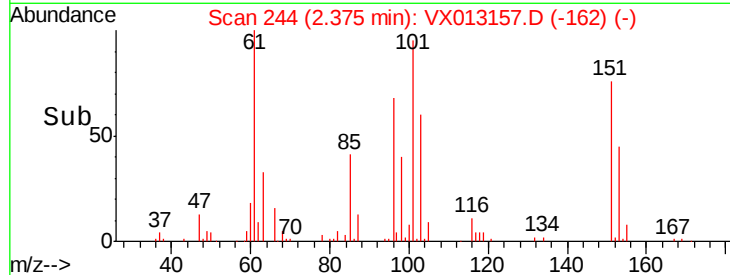
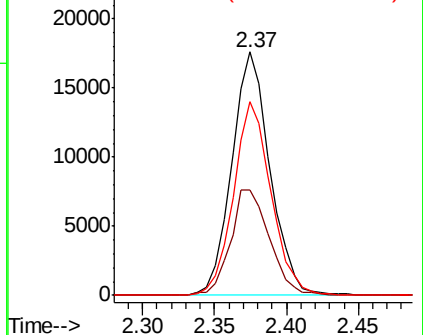
101 100

85 44.0 0.0 87.2

151 78.5 0.0 163.0



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: 18.583 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

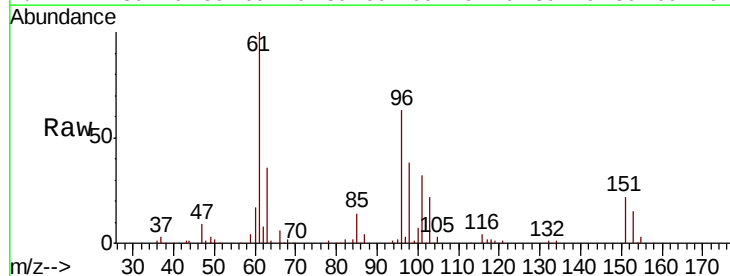
Tgt Ion: 96 Resp: 31930

Ion Ratio Lower Upper

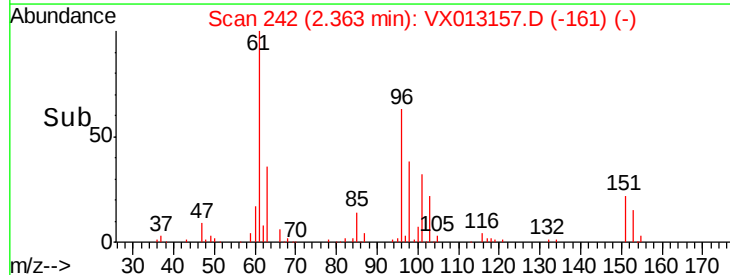
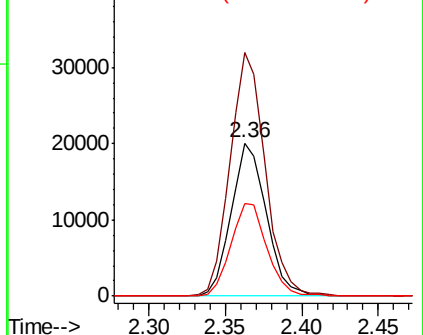
96 100

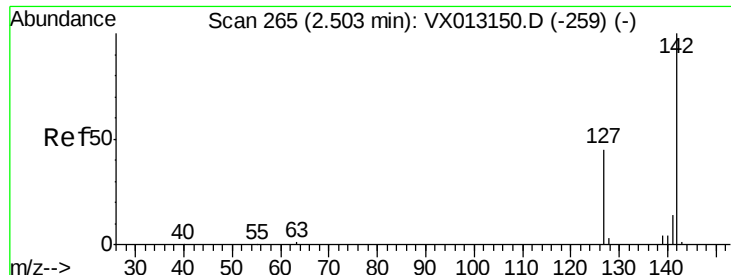
61 158.7 121.3 181.9

98 60.8 49.5 74.3



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

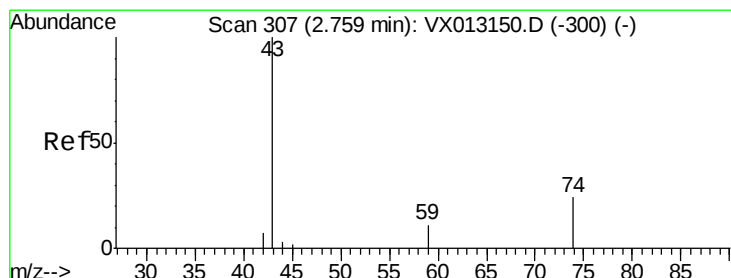
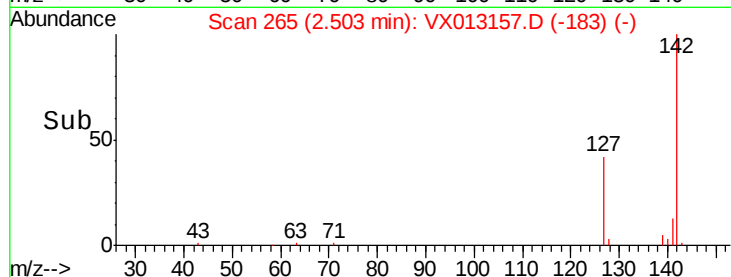
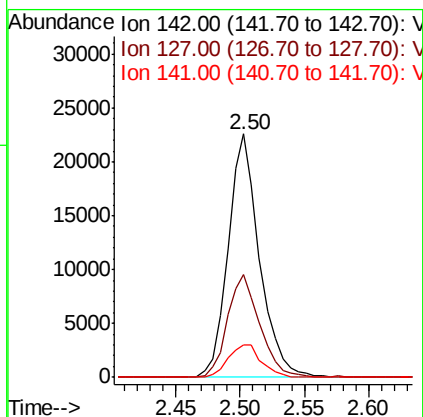
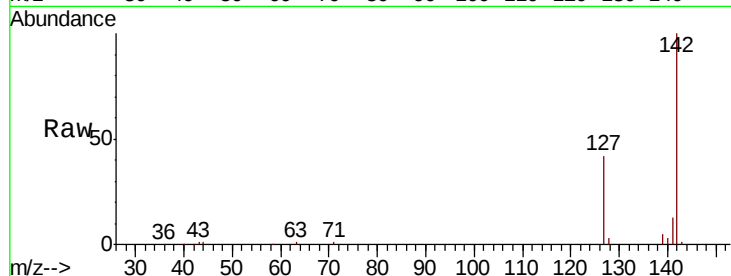




#11
Methyl Iodide
Concen: 17.300 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

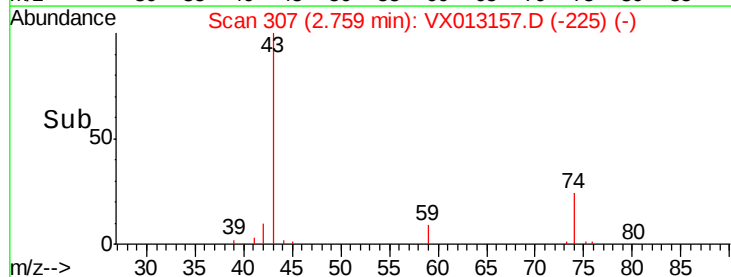
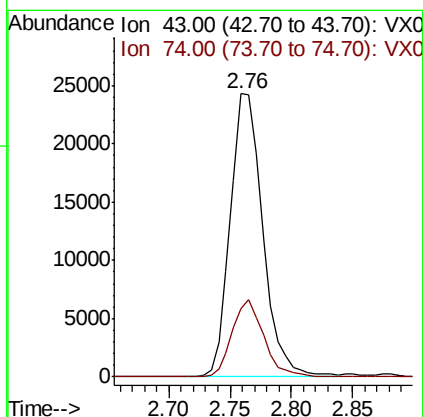
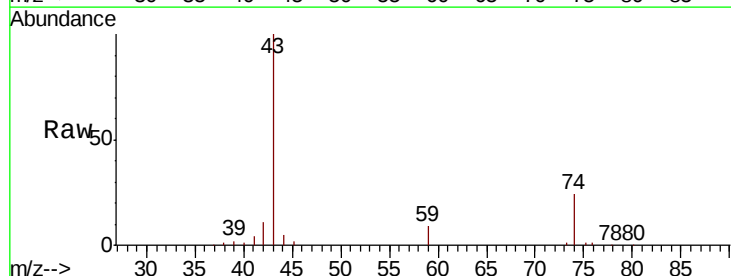
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

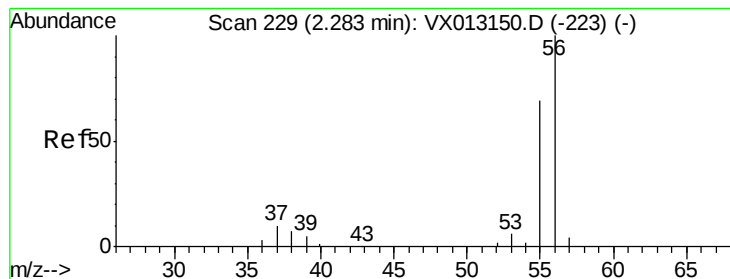
Tot Ion:142 Resp: 38282
Ion Ratio Lower Upper
142 100
127 42.3 22.3 66.9
141 13.1 7.1 21.3



#12
Methyl Acetate
Concen: 20.212 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion: 43 Resp: 44846
Ion Ratio Lower Upper
43 100
74 24.1 19.7 29.5





#13

Acrolein

Concen: 97.068 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

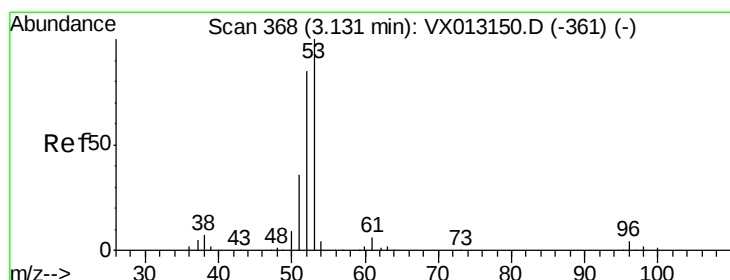
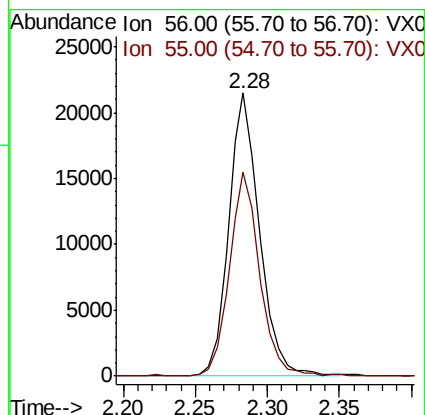
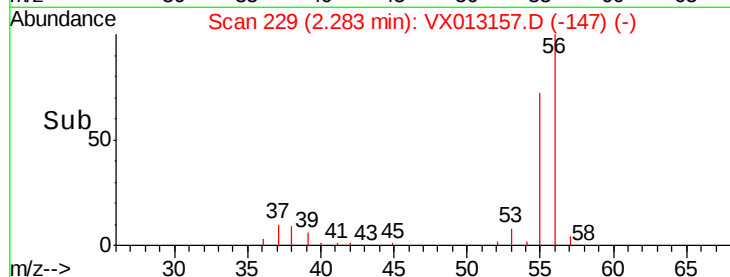
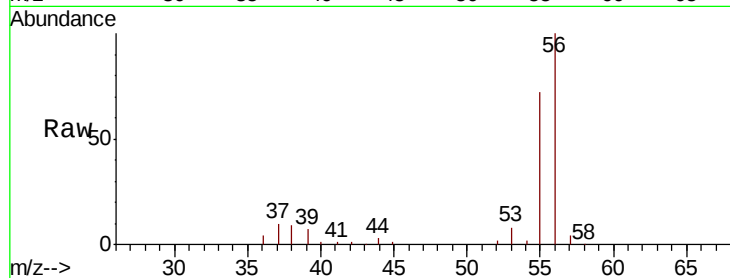
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tot Ion: 56 Resp: 32060

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.8



#14

Acrylonitrile

Concen: 98.875 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

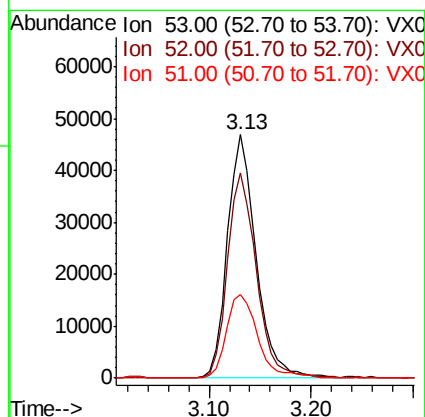
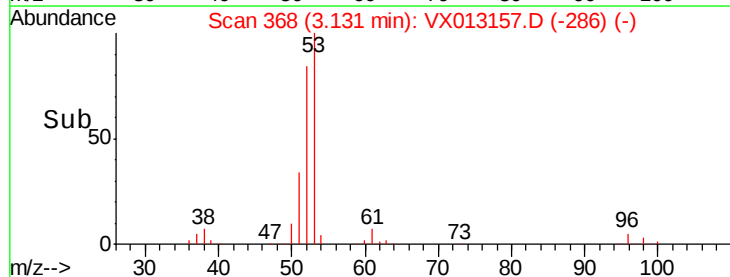
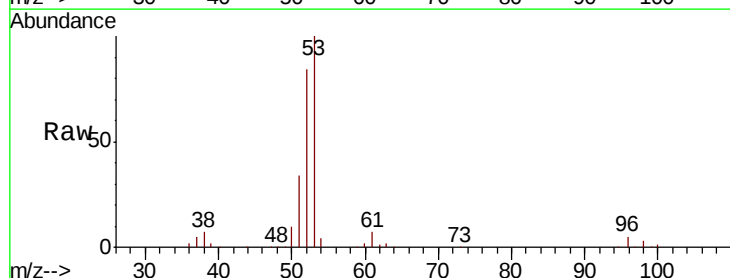
Tgt Ion: 53 Resp: 91746

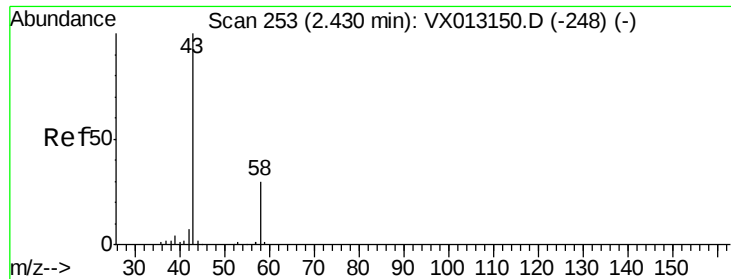
Ion Ratio Lower Upper

53 100

52 84.1 42.0 126.0

51 37.2 18.6 56.0





#15

Acetone

Concen: 97.567 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

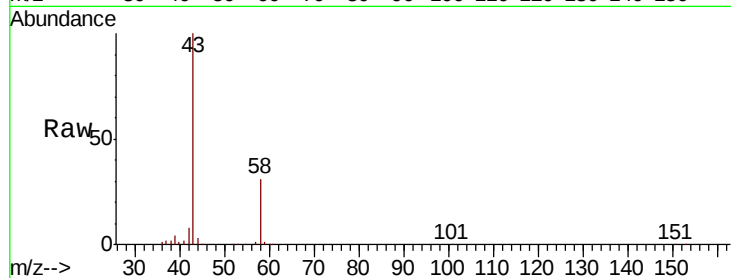
VX1021WBSD01

Tot Ion: 58 Resp: 29827

Ion Ratio Lower Upper

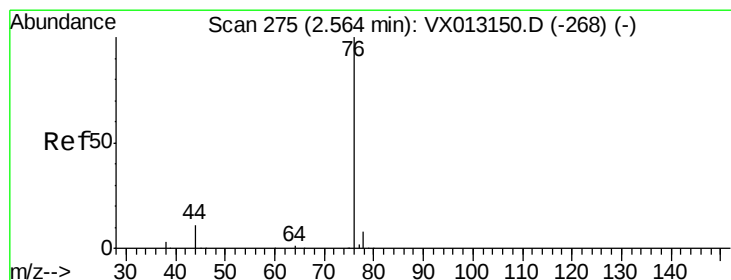
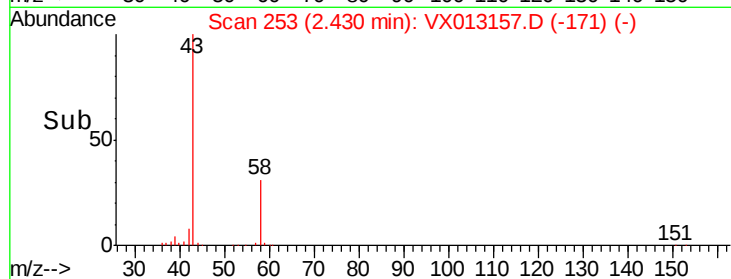
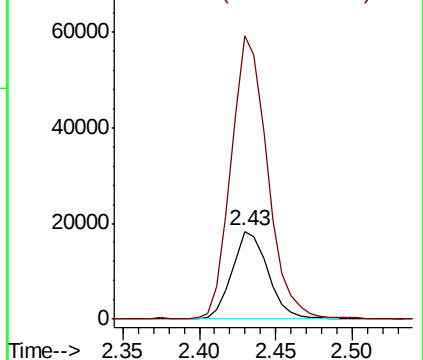
58 100

43 322.4 262.8 394.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.236 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX013157.D

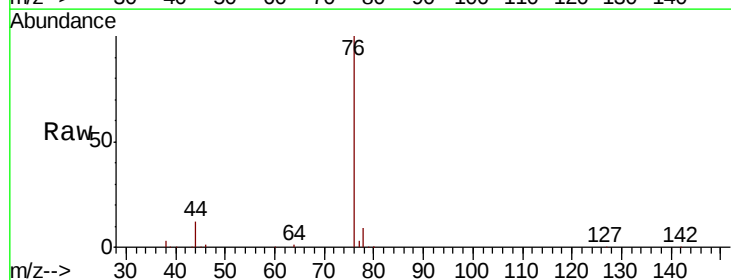
Acq: 21 Oct 2019 17:18

Tgt Ion: 76 Resp: 83675

Ion Ratio Lower Upper

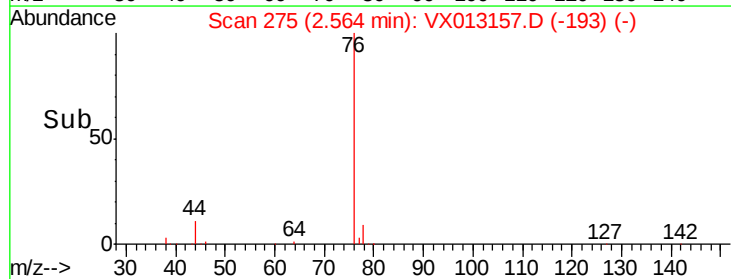
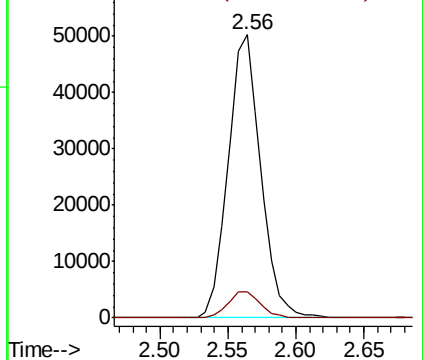
76 100

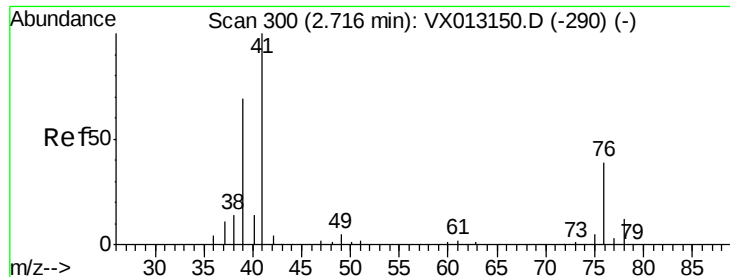
78 9.1 6.6 10.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 19.155 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBSD01

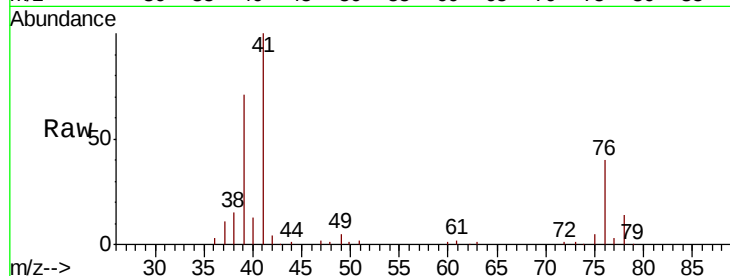
Tot Ion: 41 Resp: 52353

Ion Ratio Lower Upper

41 100

39 70.6 34.7 104.1

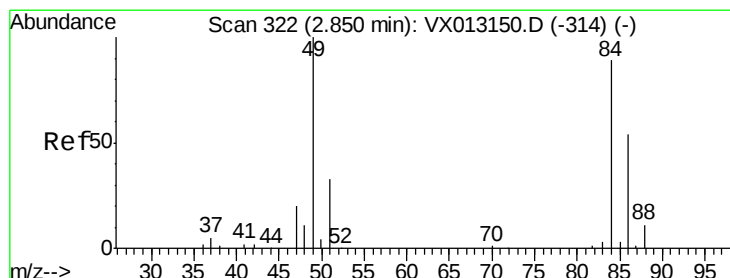
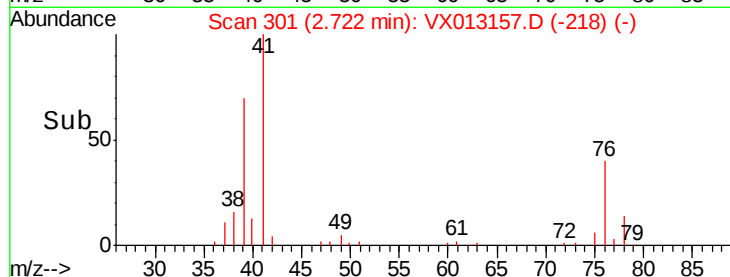
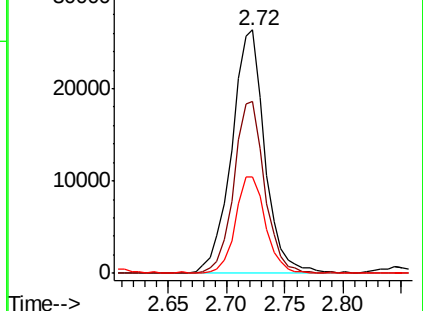
76 39.8 19.7 59.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 18.925 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Tgt Ion: 84 Resp: 37651

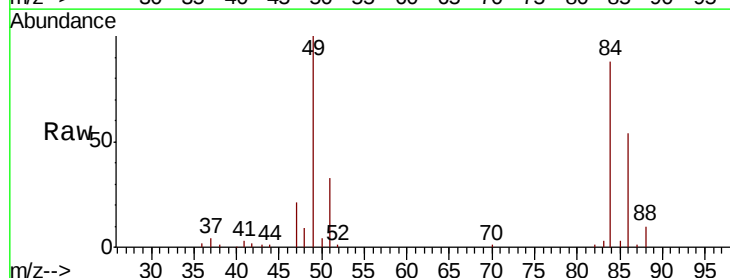
Ion Ratio Lower Upper

84 100

49 113.5 90.3 135.5

51 37.4 29.9 44.9

86 61.2 49.0 73.4

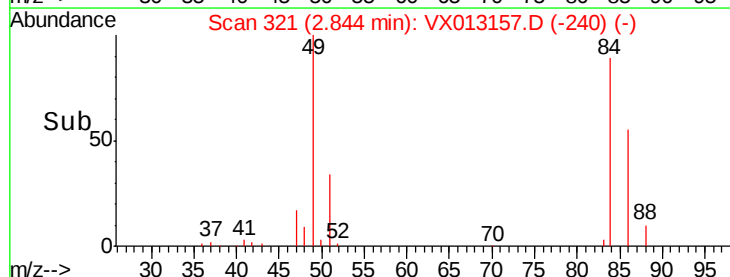
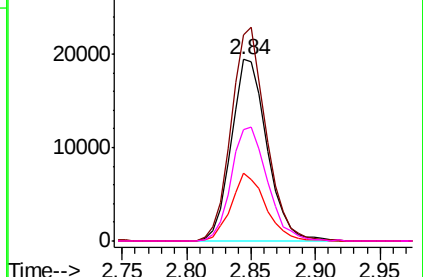


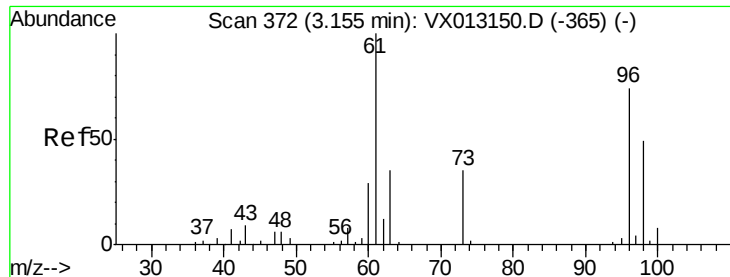
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

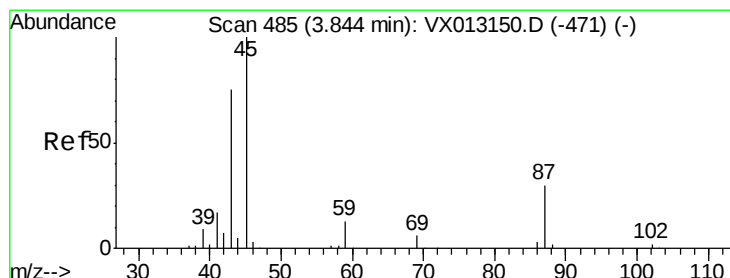
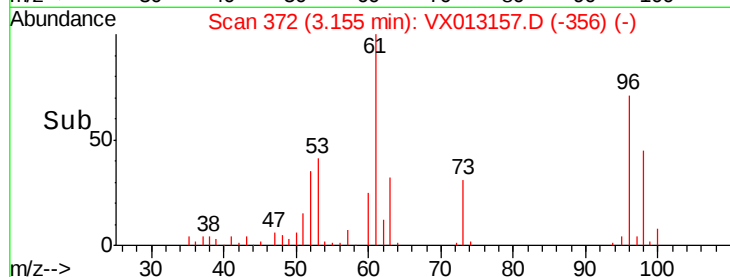
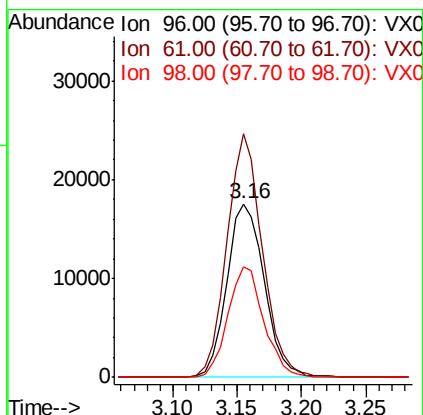
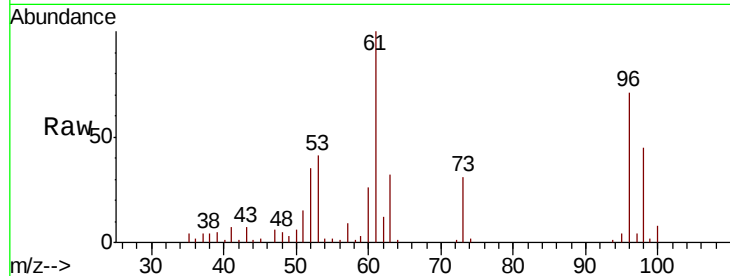




#19
trans-1,2-Dichloroethene
Concen: 19.467 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

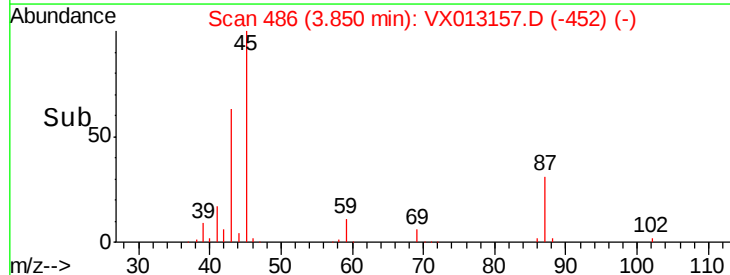
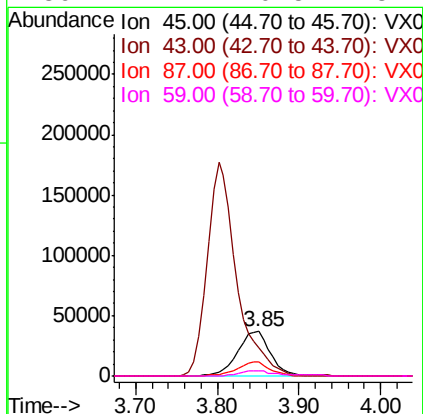
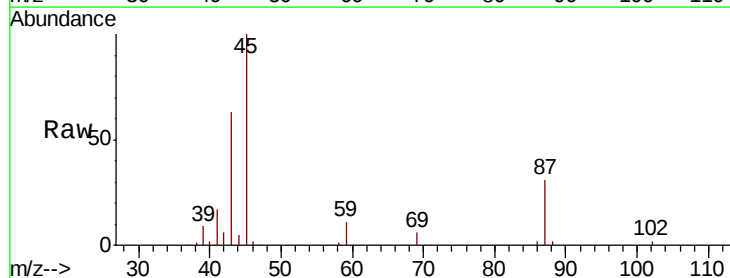
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

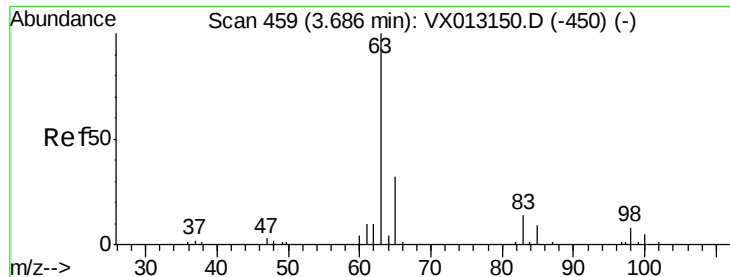
Tot Ion: 96 Resp: 35494
Ion Ratio Lower Upper
96 100
61 140.5 108.6 162.8
98 63.7 53.4 80.0



#20
Diisopropyl ether
Concen: 19.508 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion: 45 Resp: 103120
Ion Ratio Lower Upper
45 100
43 62.1 60.6 91.0
87 30.7 24.2 36.2
59 11.4 10.5 15.7

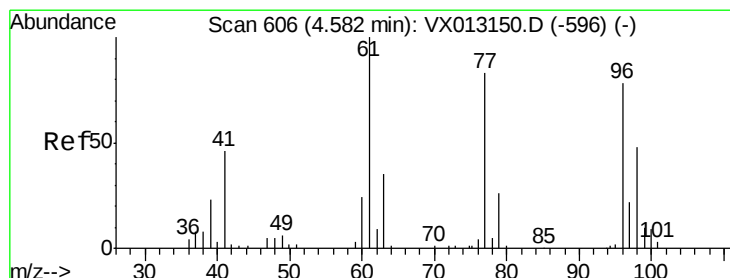
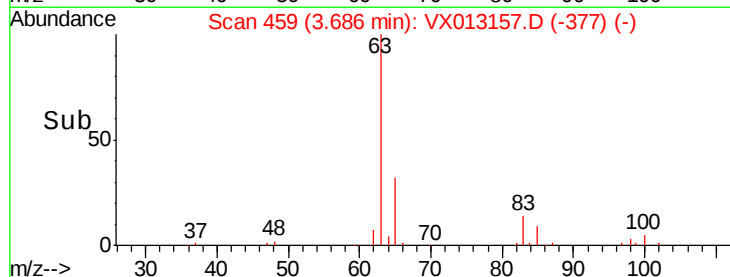
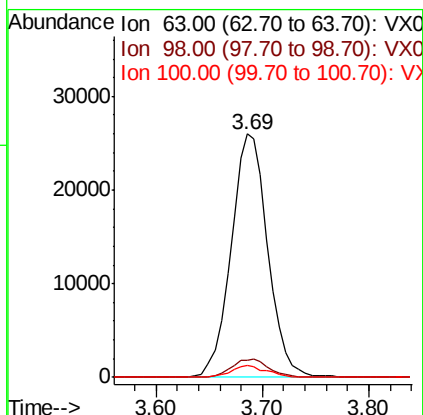
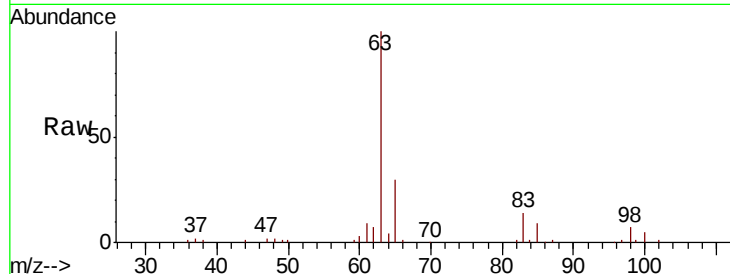




#21
1,1-Dichloroethane
Concen: 19.438 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

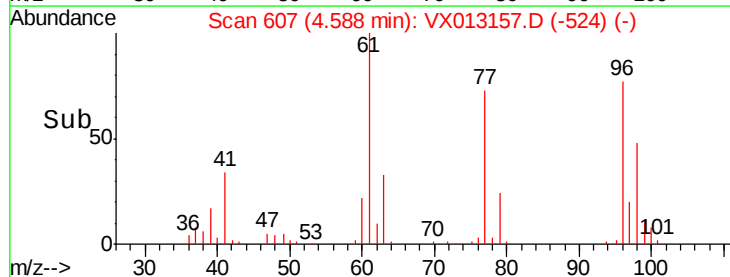
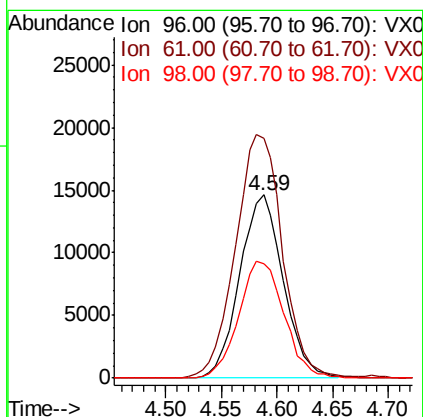
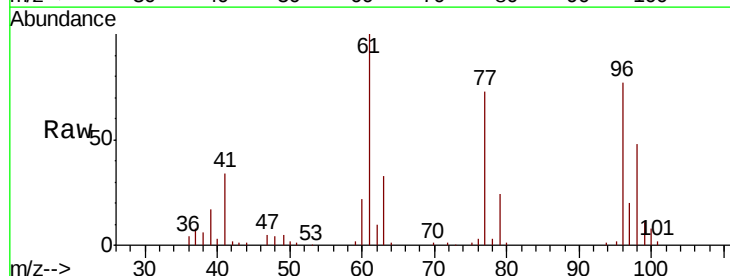
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

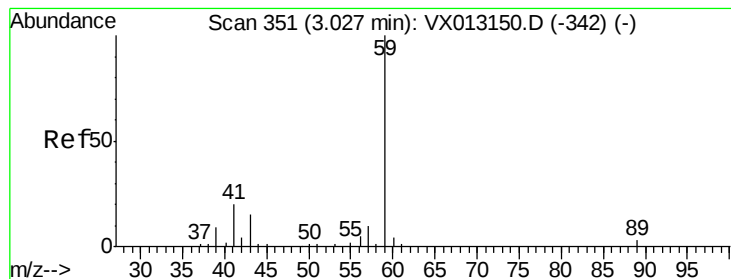
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.9	4.2	12.4
100	5.0	2.4	7.2



#22
cis-1,2-Dichloroethene
Concen: 19.150 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.3	112.5	168.7
98	66.1	51.2	76.8





#23

tert-Butyl Alcohol

Concen: 98.964 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

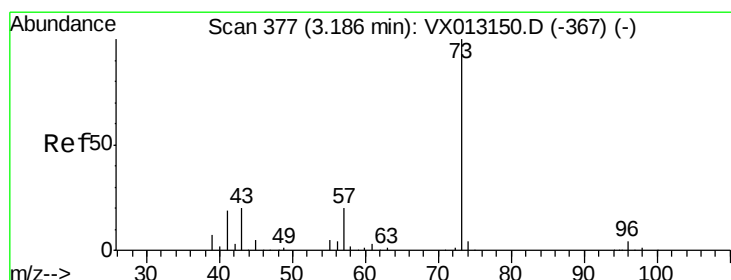
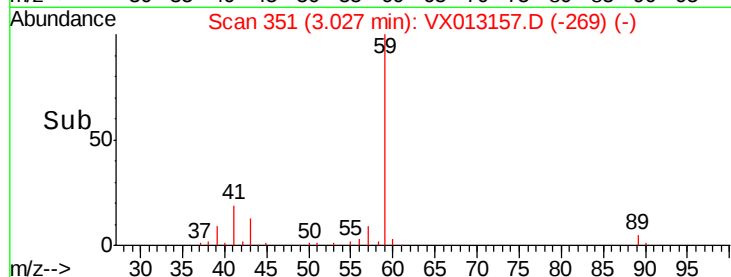
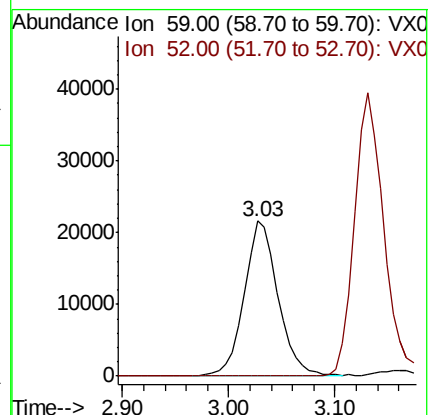
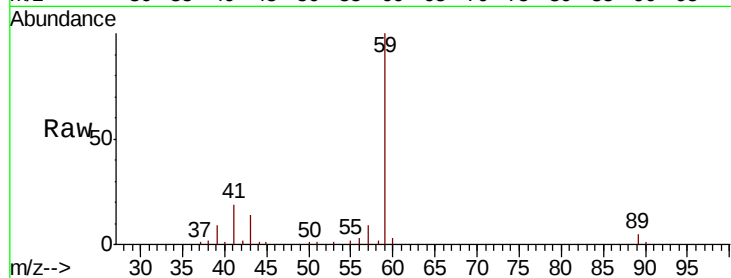
VX1021WBSD01

Tot Ion: 59 Resp: 48380

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 19.210 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX013157.D

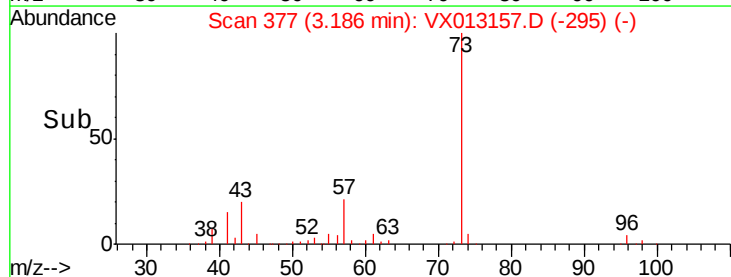
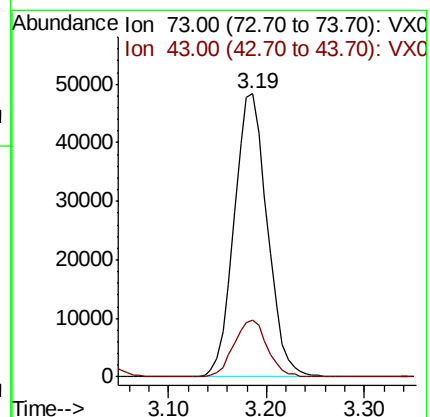
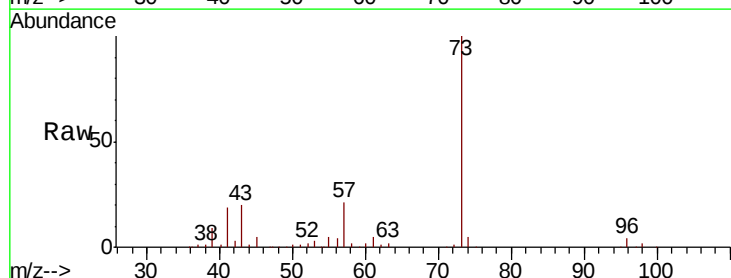
Acq: 21 Oct 2019 17:18

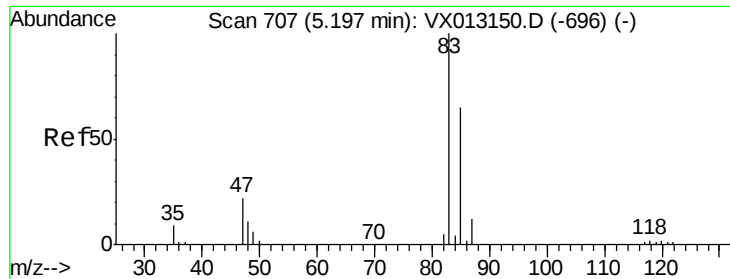
Tgt Ion: 73 Resp: 113831

Ion Ratio Lower Upper

73 100

43 20.3 17.1 25.7

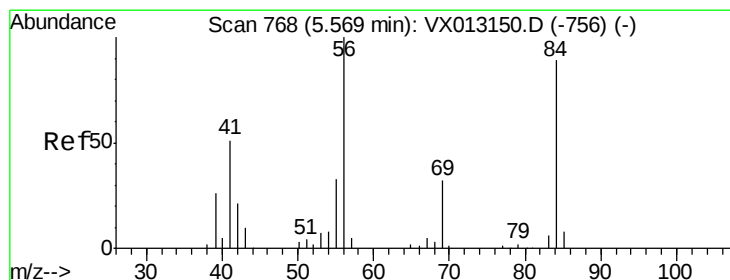
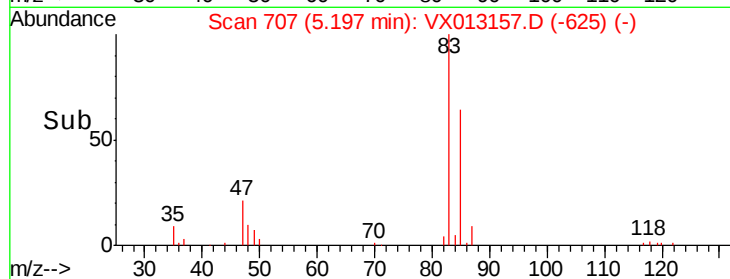
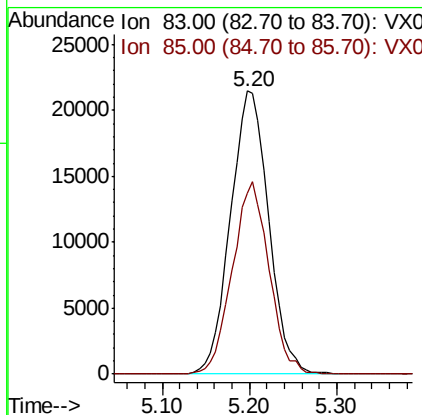
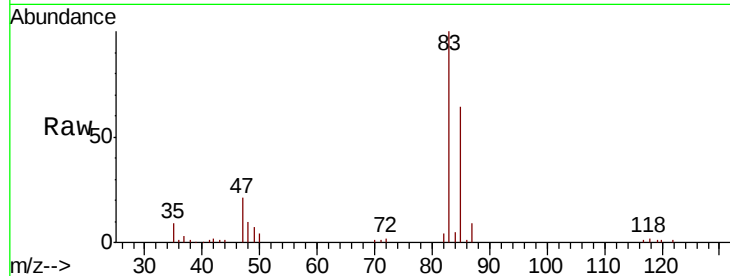




#25
Chloroform
Concen: 19.298 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

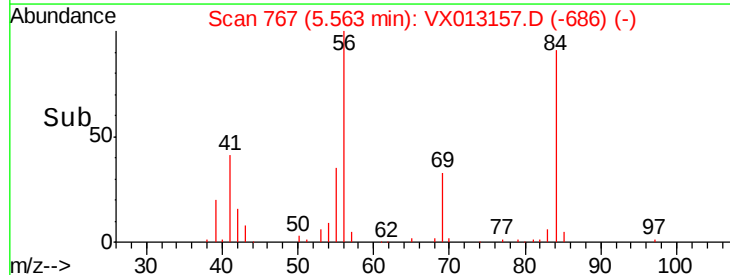
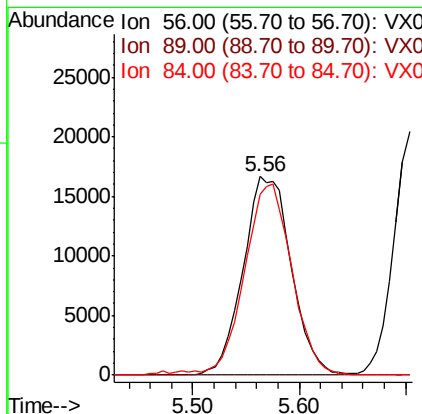
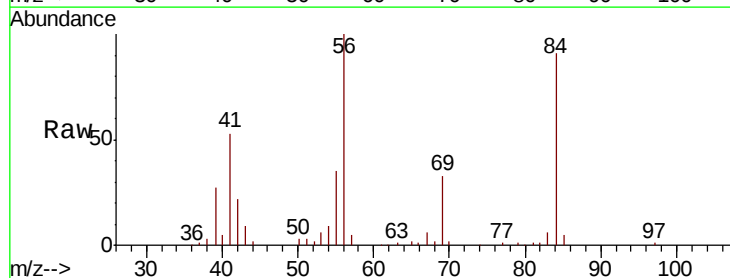
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

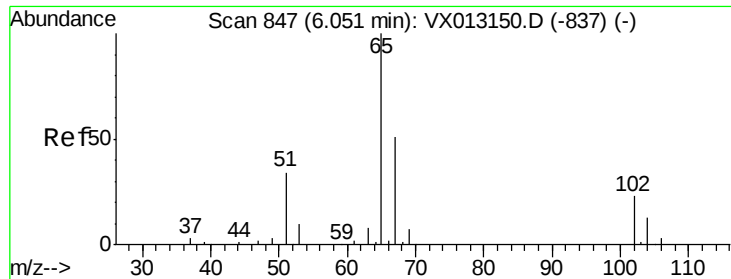
Tot Ion: 83 Resp: 65087
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0



#26
Cyclohexane
Concen: 18.707 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion: 56 Resp: 52681
Ion Ratio Lower Upper
56 100
89 0.0 0.2 0.2#
84 93.8 74.0 111.0

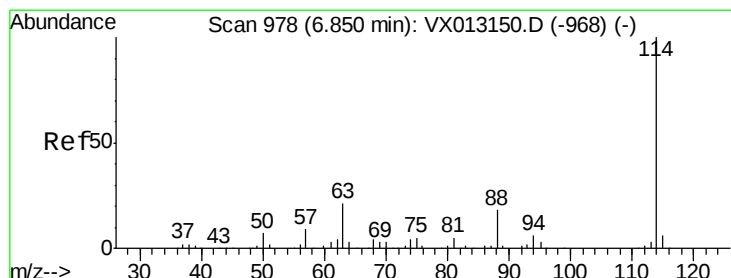
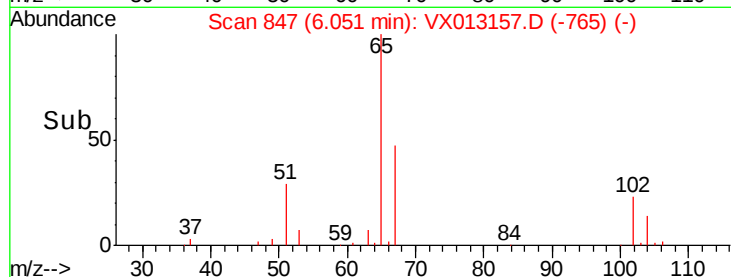
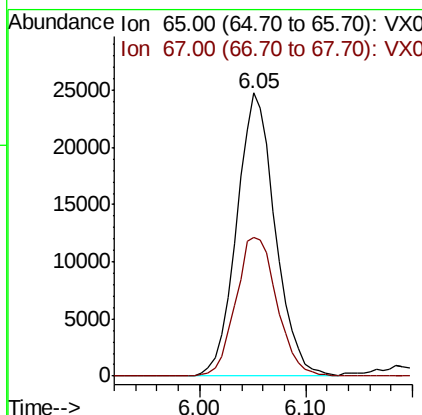
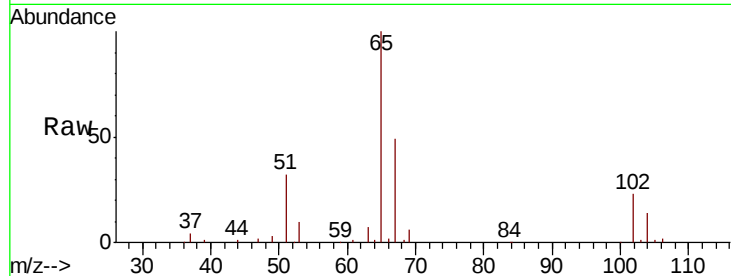




#27
 1,2-Dichloroethane-d4
 Concen: 28.512 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

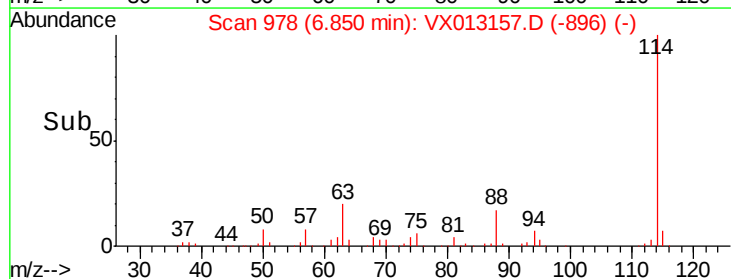
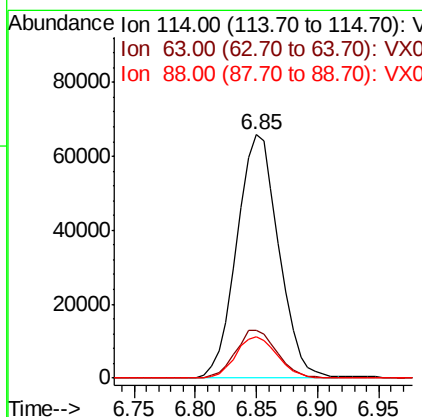
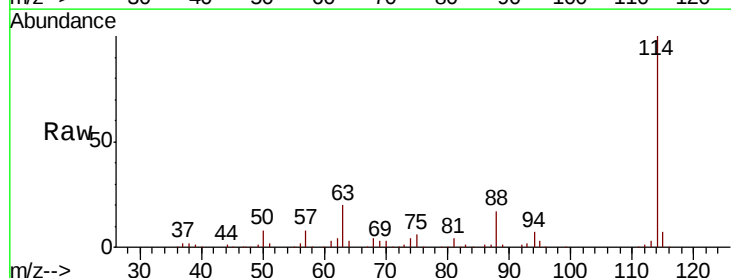
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBSD01

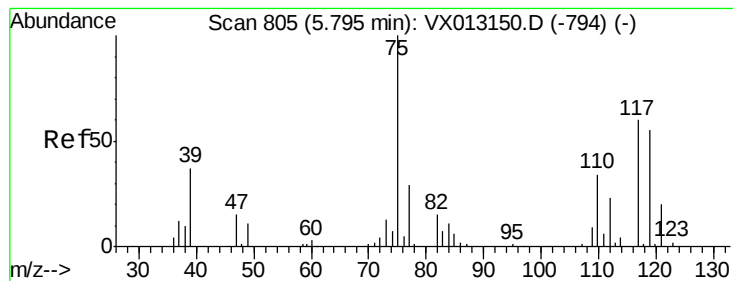
Tot Ion: 65 Resp: 62865
 Ion Ratio Lower Upper
 65 100
 67 52.5 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Tgt Ion: 114 Resp: 156852
 Ion Ratio Lower Upper
 114 100
 63 19.6 16.1 24.1
 88 17.0 13.7 20.5





#29

1,1-Dichloropropene

Concen: 19.451 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBSD01

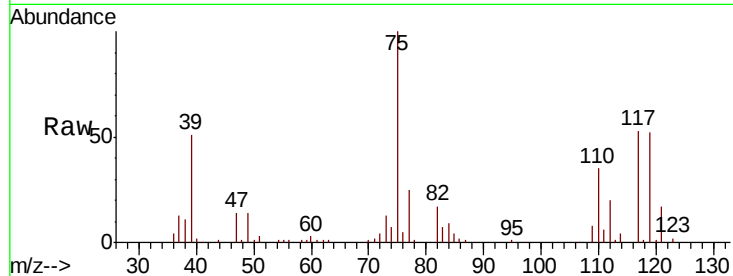
Tot Ion: 75 Resp: 47396

Ion Ratio Lower Upper

75 100

110 36.9 0.0 68.4

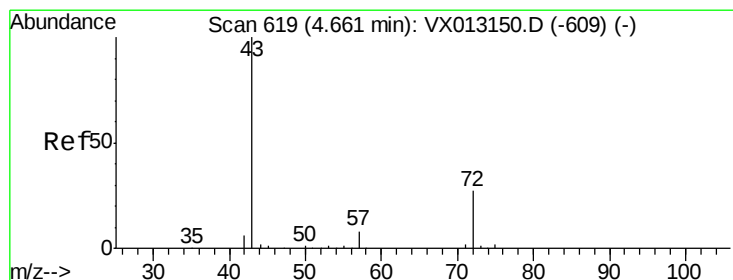
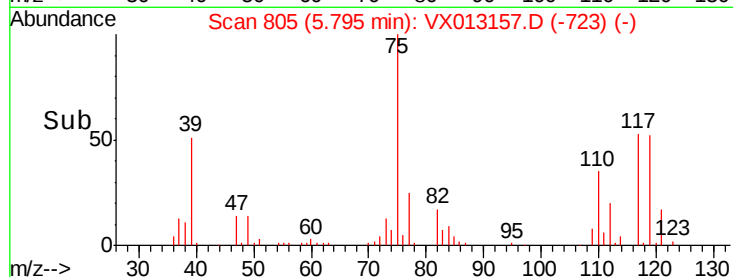
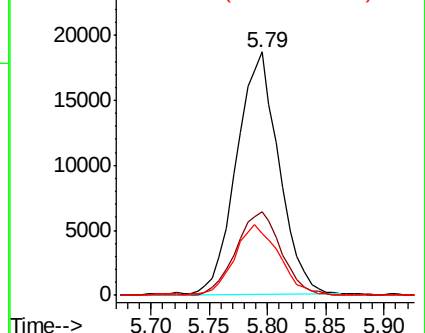
77 30.7 0.0 30.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 105.813 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

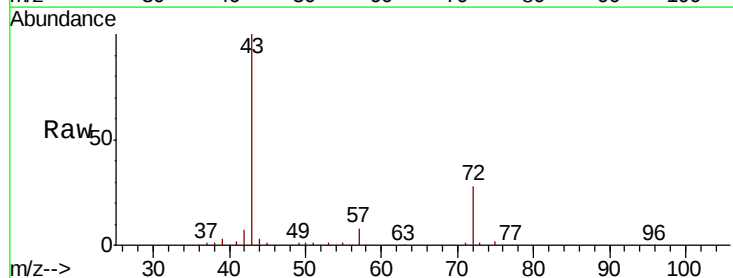
Tgt Ion: 43 Resp: 135246

Ion Ratio Lower Upper

43 100

57 8.7 7.0 10.6

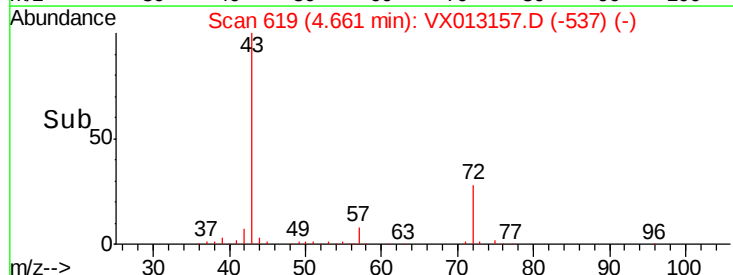
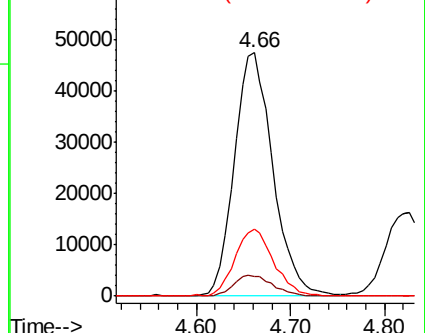
72 27.7 23.4 35.2

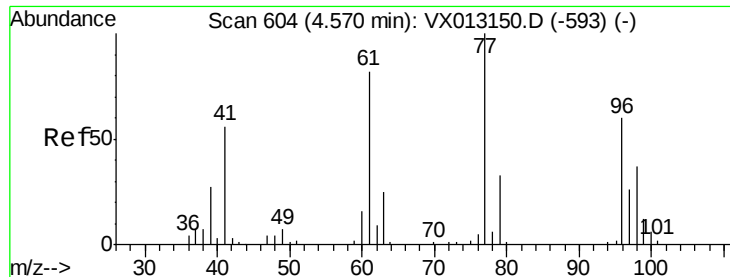


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 19.352 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

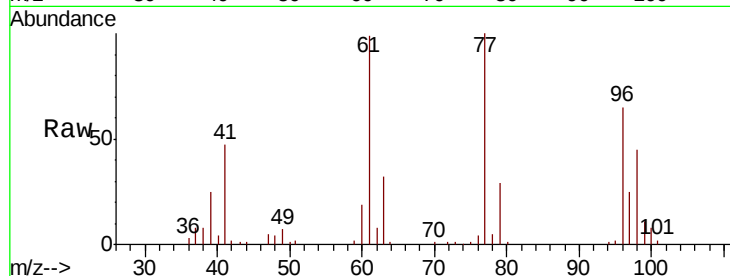
VX1021WBSD01

Tot Ion: 77 Resp: 54517

Ion Ratio Lower Upper

77 100

97 24.2 19.1 28.7



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

20000

15000

10000

5000

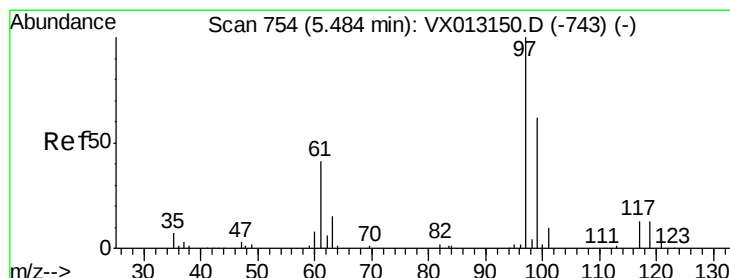
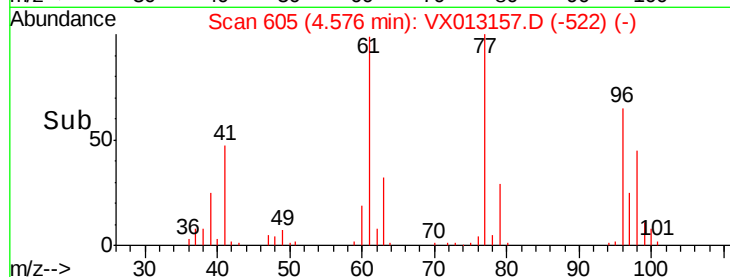
0

4.50

4.60

4.70

Time-->



#32

1,1,1-Trichloroethane

Concen: 19.836 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

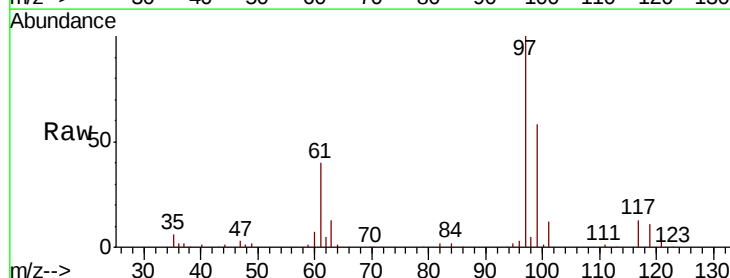
Tgt Ion: 97 Resp: 58488

Ion Ratio Lower Upper

97 100

99 63.3 51.8 77.8

61 40.6 33.5 50.3



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

25000

20000

15000

10000

5000

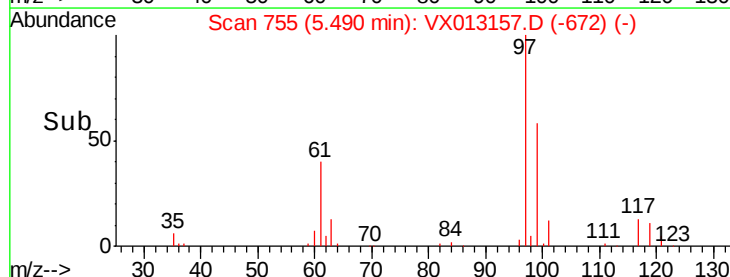
0

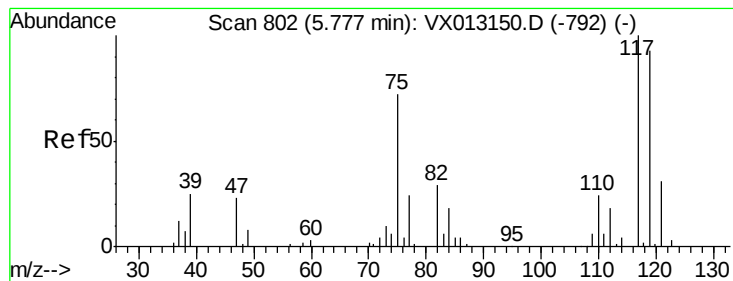
5.40

5.50

5.60

Time-->





#33

Carbon Tetrachloride

Concen: 18.959 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBSD01

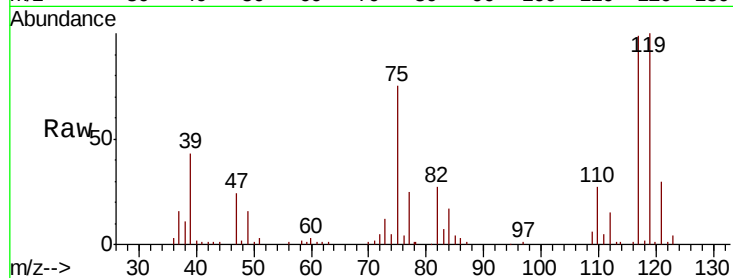
Tot Ion:117 Resp: 48046

Ion Ratio Lower Upper

117 100

119 101.5 74.9 112.3

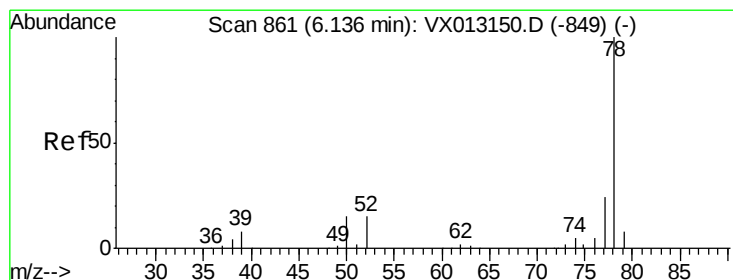
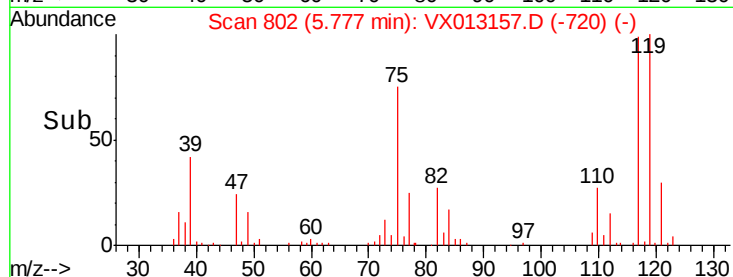
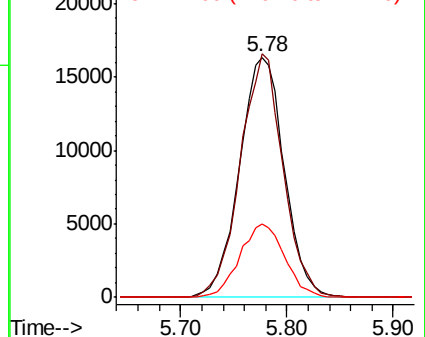
121 30.7 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.152 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

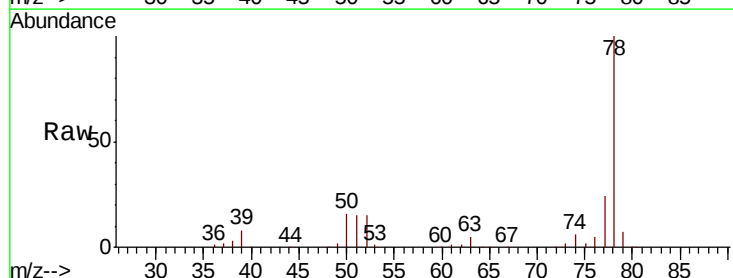
Tgt Ion: 78 Resp: 141368

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

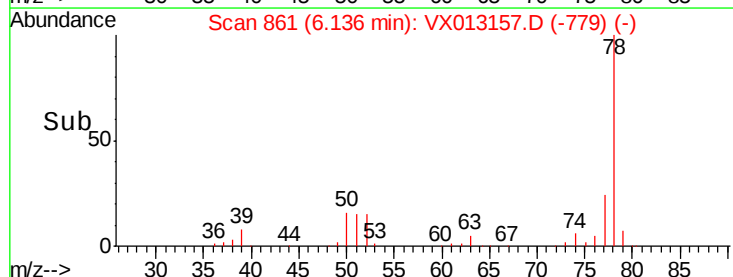
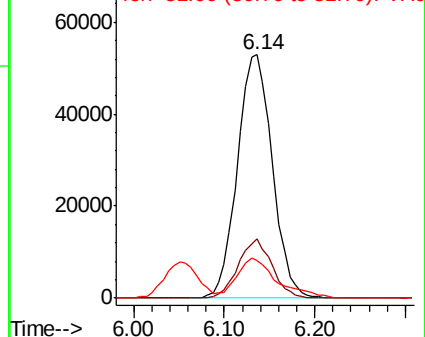
51 14.8 11.4 17.2

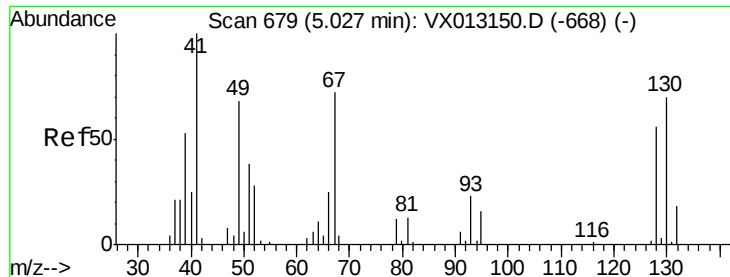


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

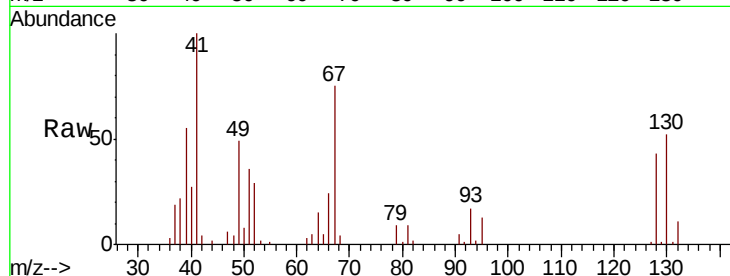




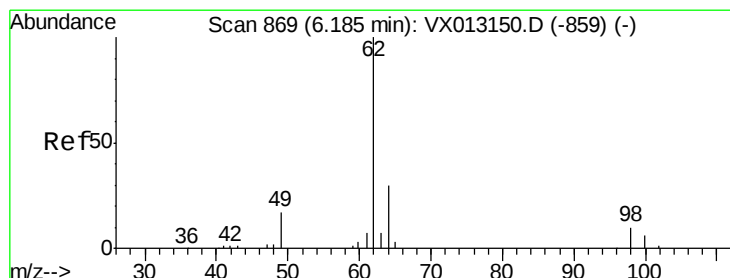
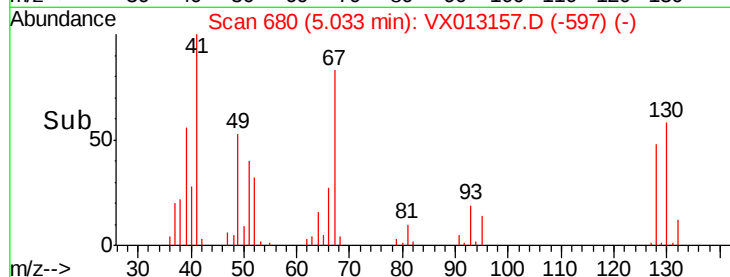
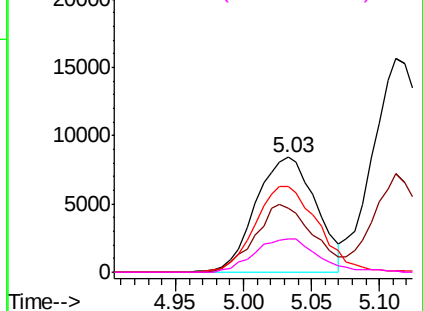
#35
Methacrylonitrile
Concen: 19.914 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tot Ion: 41 Resp: 26103
Ion Ratio Lower Upper
41 100
39 55.3 26.3 78.9
67 75.1 35.8 107.4
52 29.2 14.1 42.3

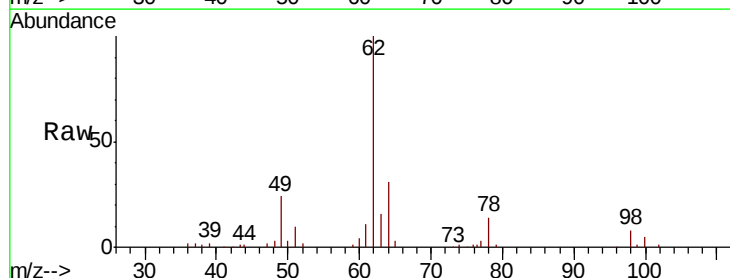


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

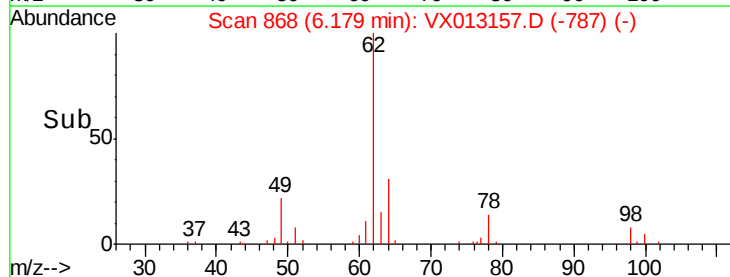
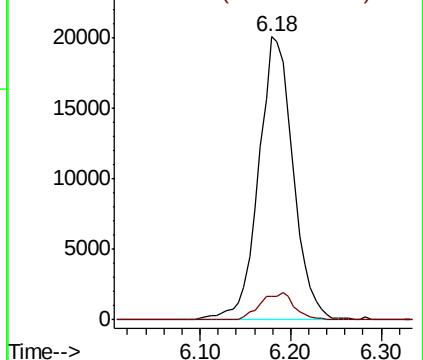


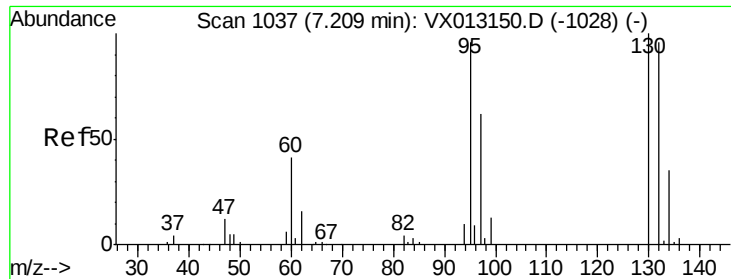
#36
1,2-Dichloroethane
Concen: 20.020 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion: 62 Resp: 53089
Ion Ratio Lower Upper
62 100
98 4.1 8.0 12.0#



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

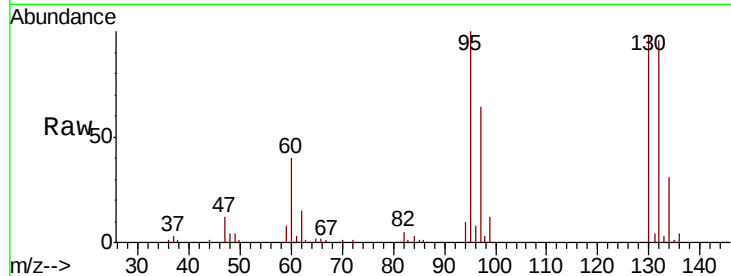




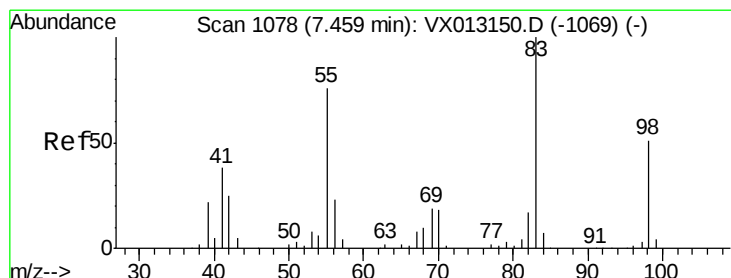
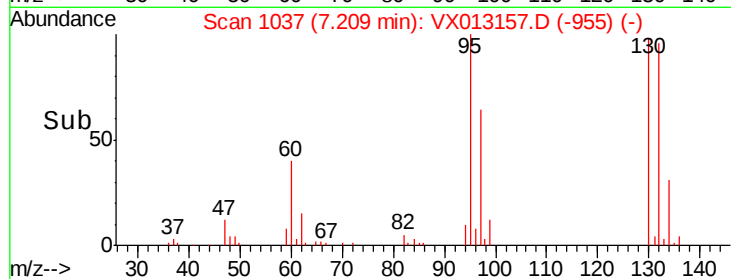
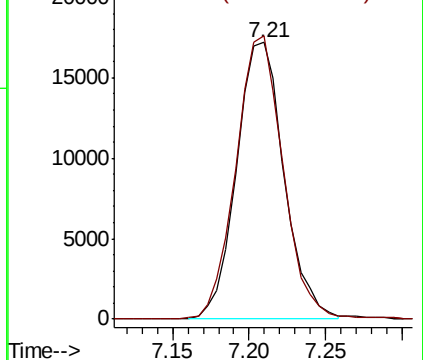
#37
 Trichloroethene
 Concen: 19.057 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBSD01

Tot Ion:130 Resp: 37080
 Ion Ratio Lower Upper
 130 100
 95 101.7 77.0 115.6

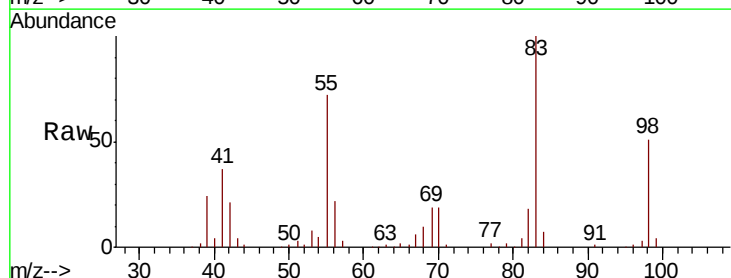


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

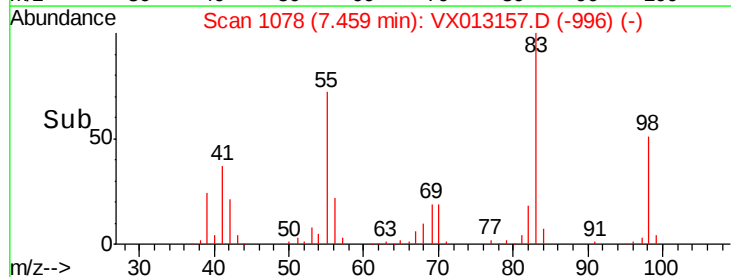
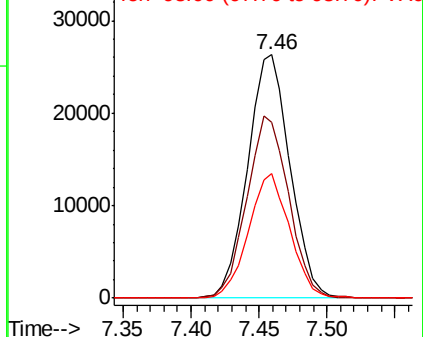


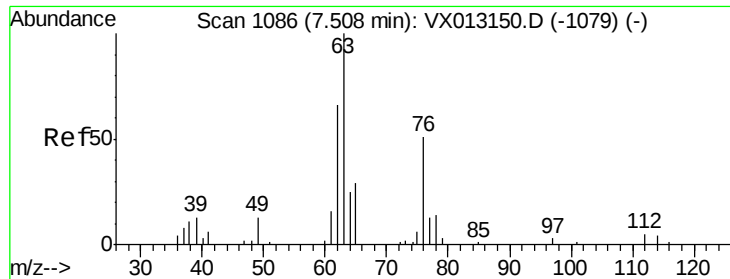
#38
 Methylcyclohexane
 Concen: 19.366 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Tgt Ion: 83 Resp: 57551
 Ion Ratio Lower Upper
 83 100
 55 73.7 37.5 112.5
 98 49.8 25.4 76.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

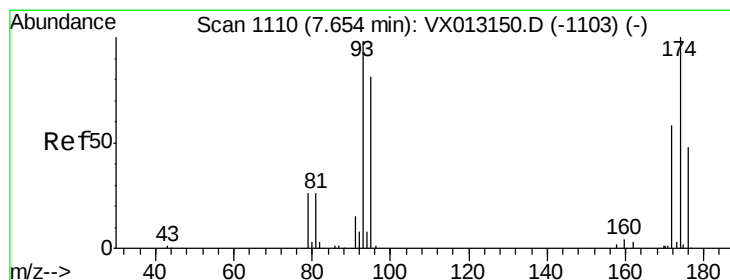
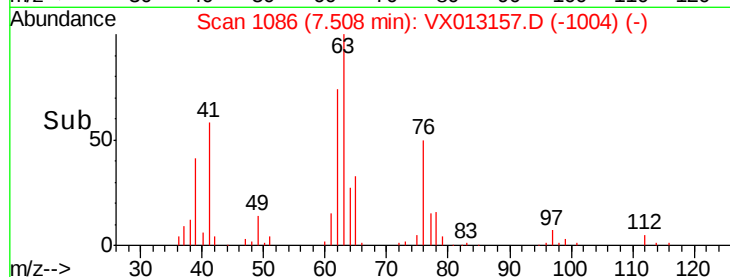
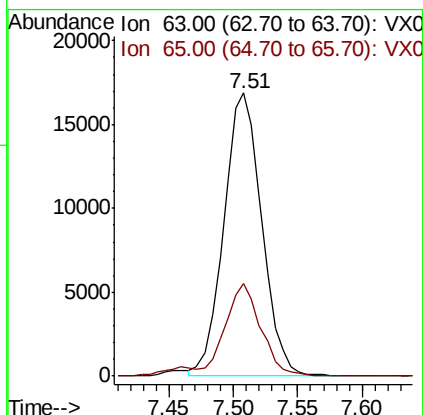
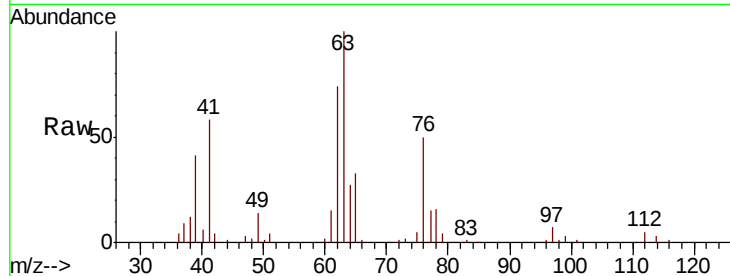




#39
 1,2-Dichloropropane
 Concen: 20.194 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

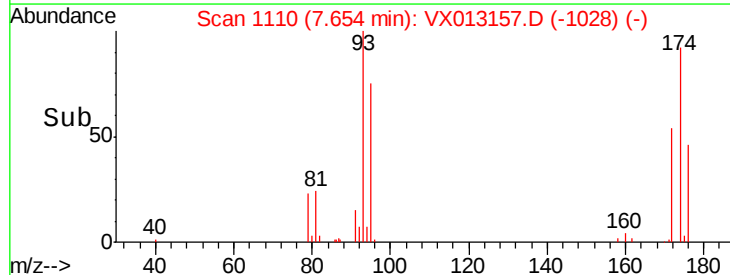
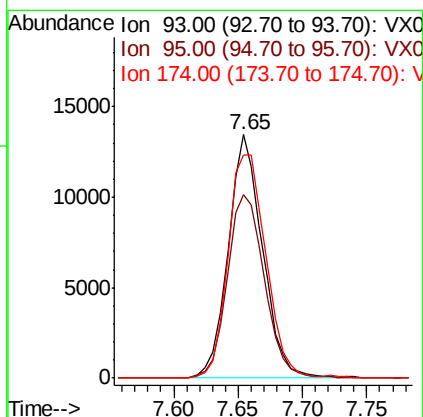
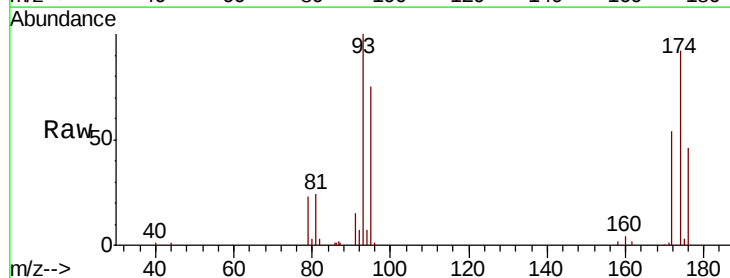
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBSD01

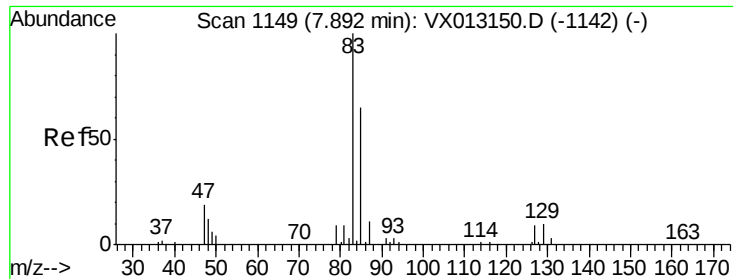
Tot Ion: 63 Resp: 34770
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.8 37.2



#40
 Dibromomethane
 Concen: 20.241 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Tgt Ion: 93 Resp: 24894
 Ion Ratio Lower Upper
 93 100
 95 81.3 0.0 166.0
 174 101.2 0.0 208.8





#41

Bromodichloromethane

Concen: 19.143 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBSD01

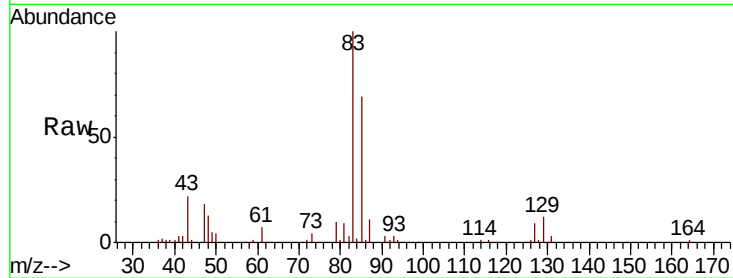
Tot Ion: 83 Resp: 47472

Ion Ratio Lower Upper

83 100

85 69.0 52.1 78.1

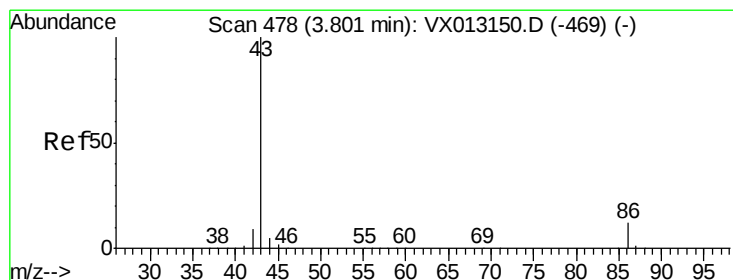
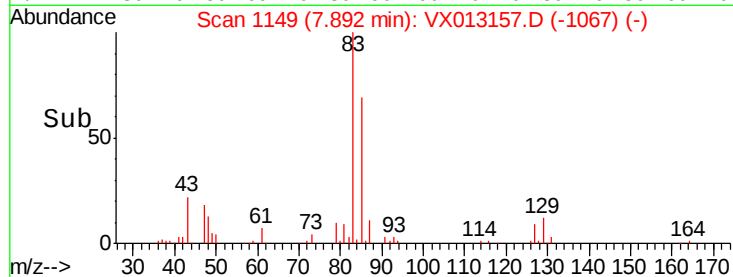
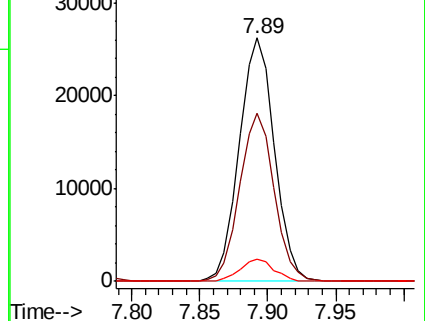
127 8.9 7.5 11.3



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: 101.765 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013157.D

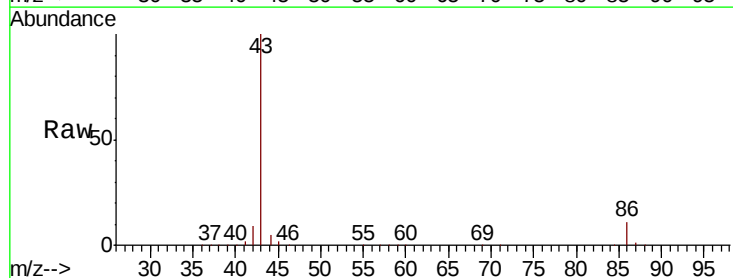
Acq: 21 Oct 2019 17:18

Tgt Ion: 43 Resp: 451055

Ion Ratio Lower Upper

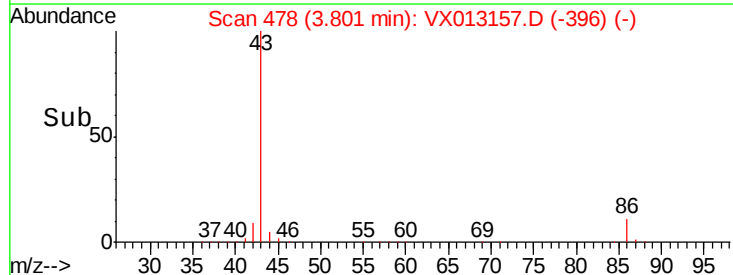
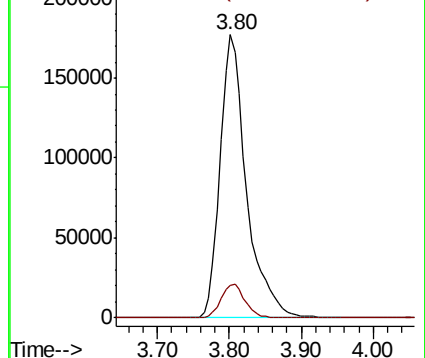
43 100

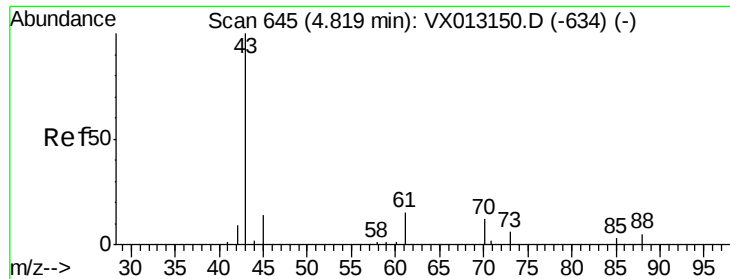
86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.854 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

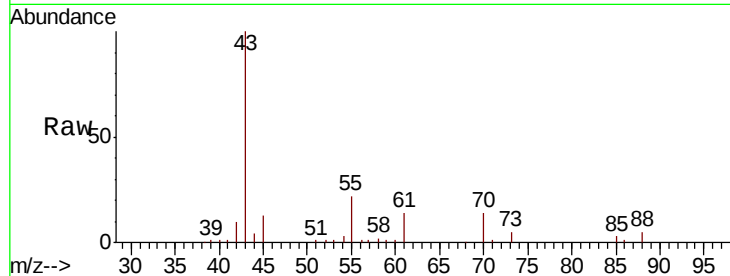
VX1021WBSD01

Tot Ion: 43 Resp: 48617

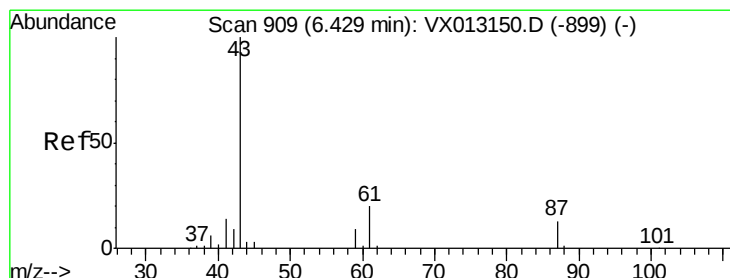
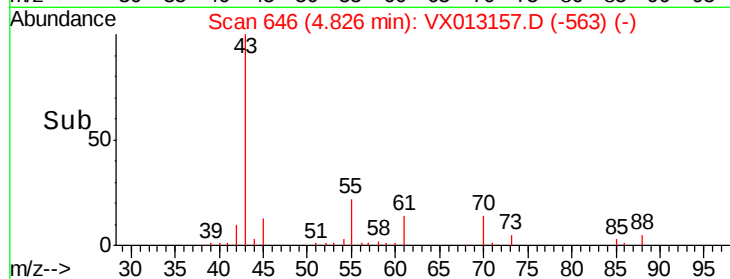
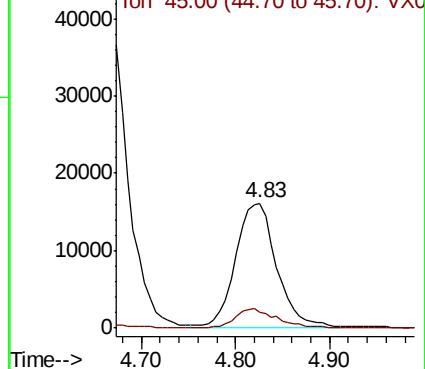
Ion Ratio Lower Upper

43 100

45 15.5 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0



#44

Isopropyl Acetate

Concen: 20.350 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX013157.D

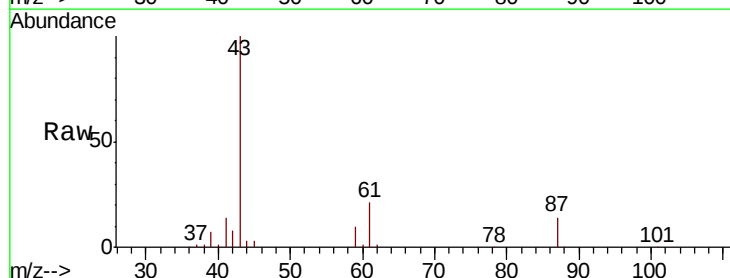
Acq: 21 Oct 2019 17:18

Tgt Ion: 43 Resp: 79733

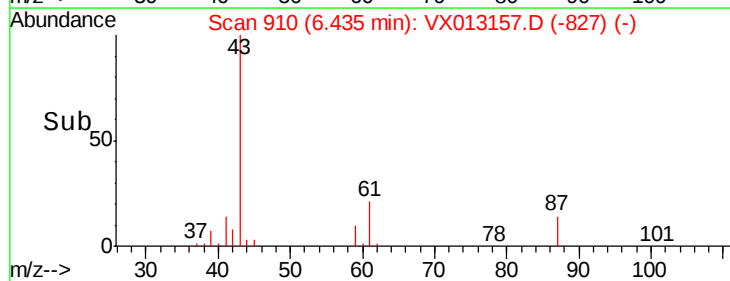
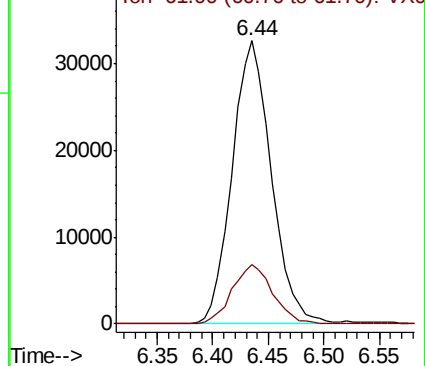
Ion Ratio Lower Upper

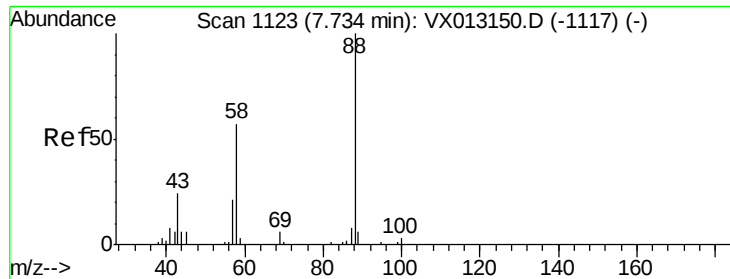
43 100

61 21.6 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

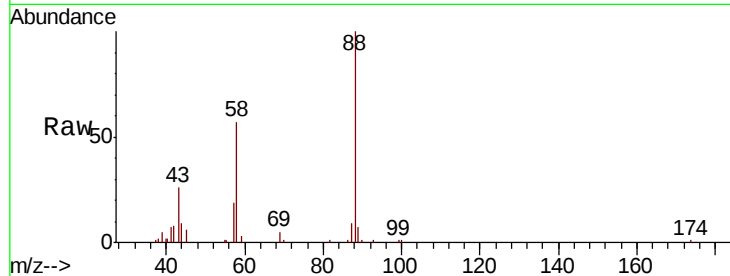




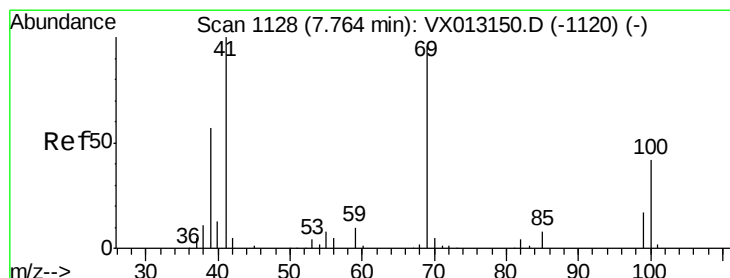
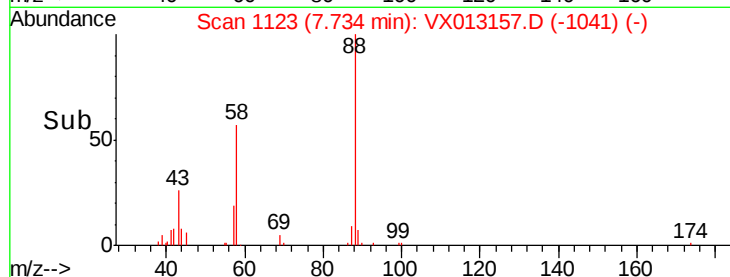
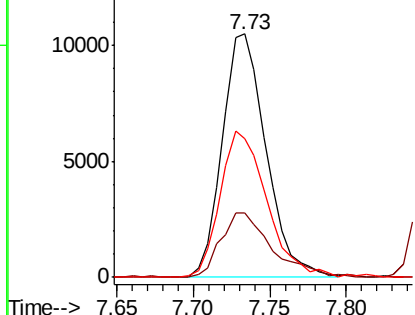
#45
1,4-Dioxane
Concen: 420.950 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tot Ion: 88 Resp: 20858
Ion Ratio Lower Upper
88 100
43 30.5 24.0 36.0
58 62.8 52.8 79.2

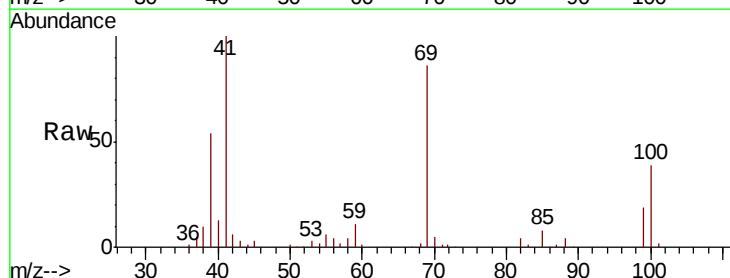


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

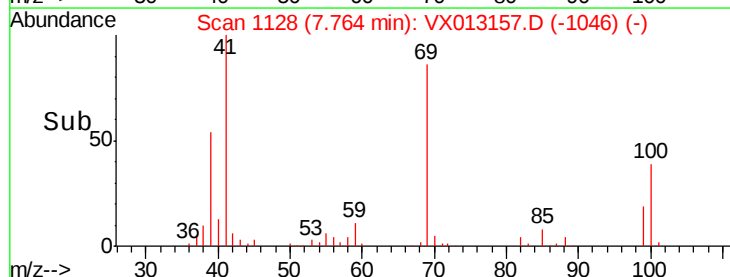
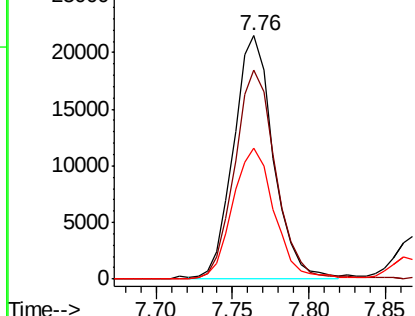


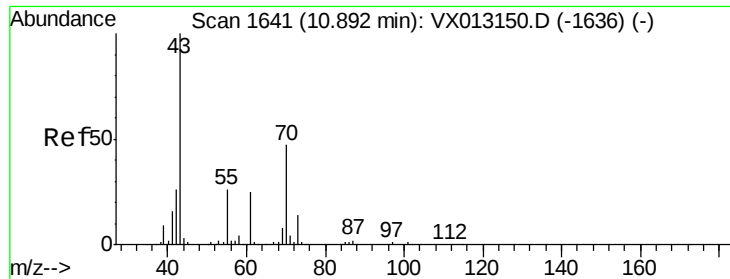
#46
Methyl methacrylate
Concen: 20.166 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion: 41 Resp: 38880
Ion Ratio Lower Upper
41 100
69 86.4 47.8 143.3
39 54.2 28.5 85.5



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: 19.481 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

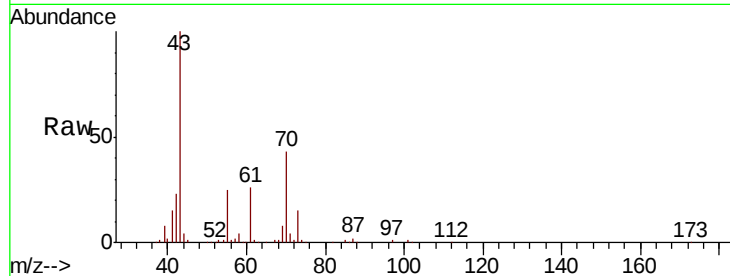
VX1021WBSD01

Tot Ion: 43 Resp: 64340

Ion Ratio Lower Upper

43 100

55 26.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

40000

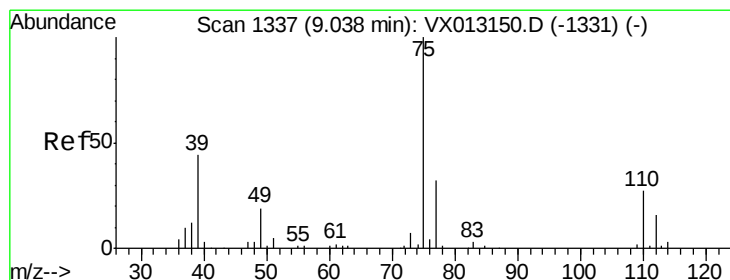
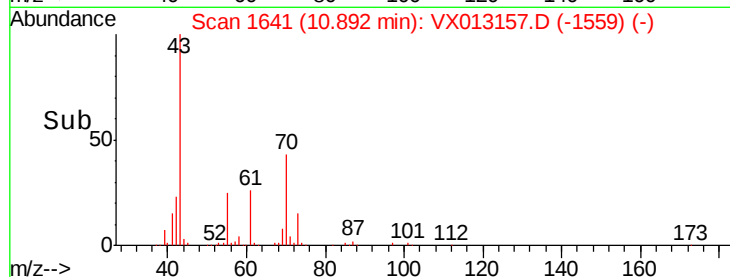
20000

0

10.89

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.396 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013157.D

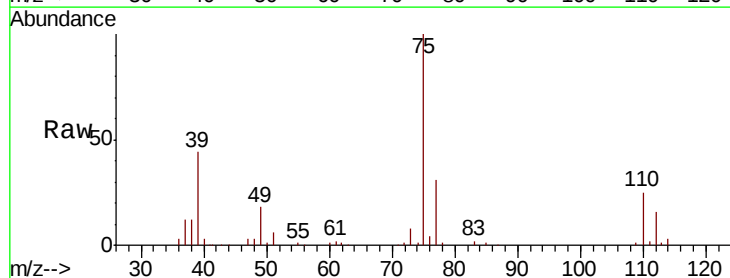
Acq: 21 Oct 2019 17:18

Tgt Ion: 75 Resp: 52762

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

40000

30000

20000

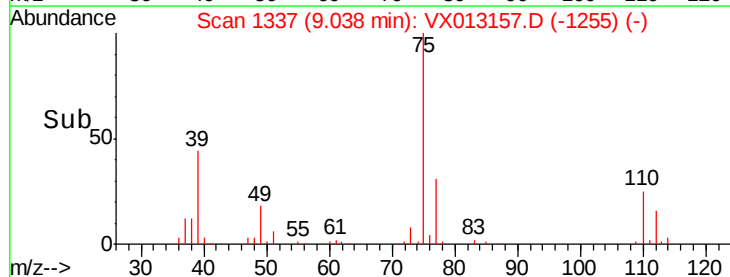
10000

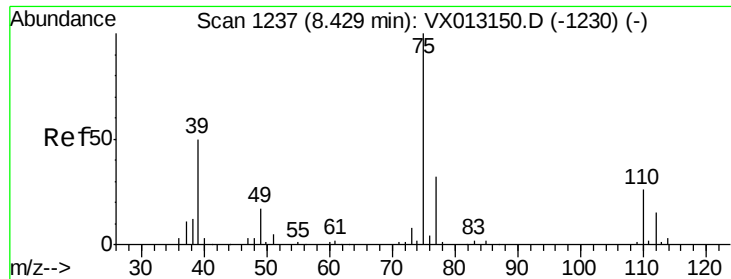
0

9.04

9.00 9.05 9.10

Time-->



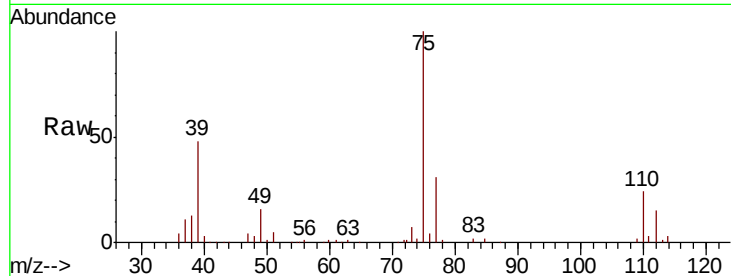


#49

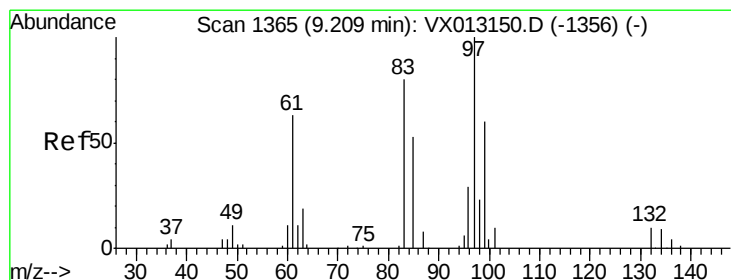
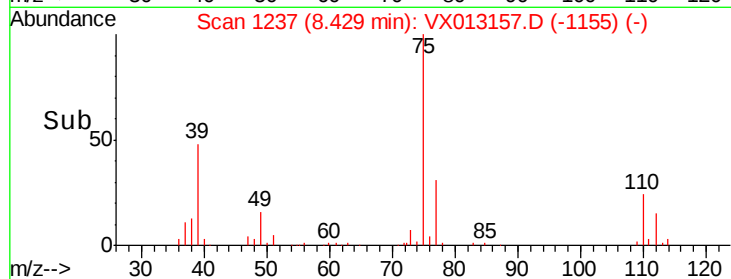
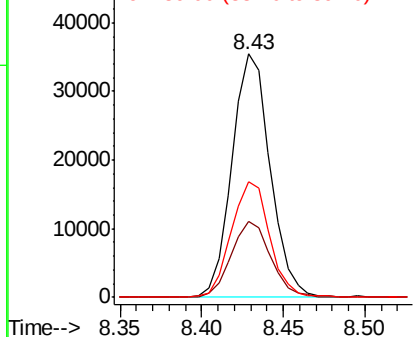
cis-1,3-Dichloropropene
 Concen: 19.569 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBSD01

Tot Ion: 75 Resp: 57920
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.8
 39 47.3 39.7 59.5



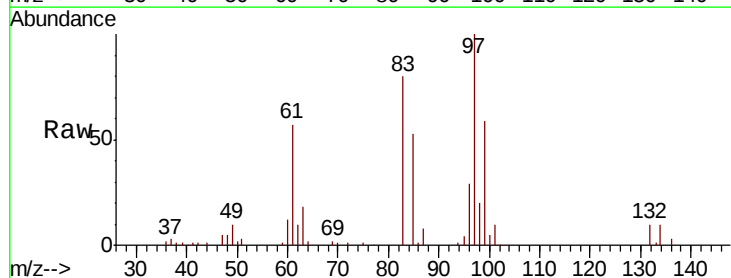
Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0



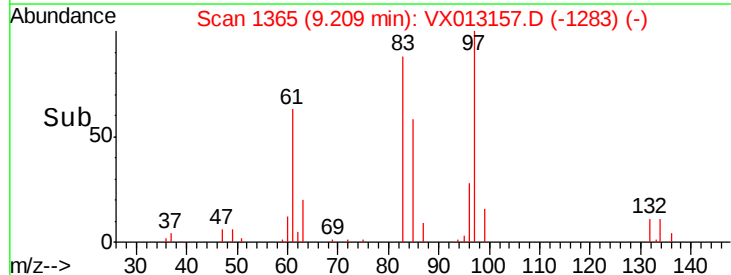
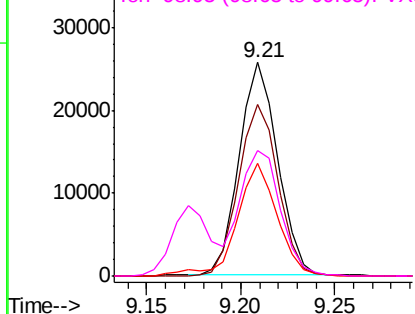
#50

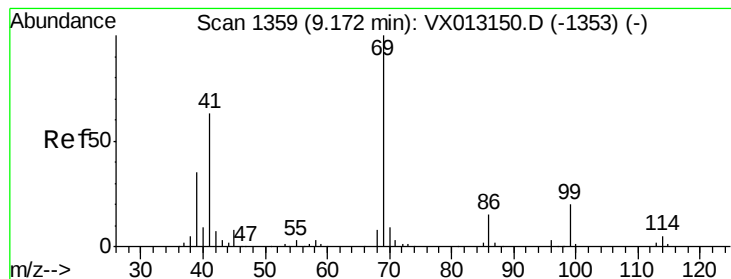
1,1,2-Trichloroethane
 Concen: 20.111 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Tgt Ion: 97 Resp: 36526
 Ion Ratio Lower Upper
 97 100
 83 80.6 64.2 96.4
 85 52.9 42.7 64.1
 99 58.6 50.5 75.7



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 20.022 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleID :

VX1021WBSD01

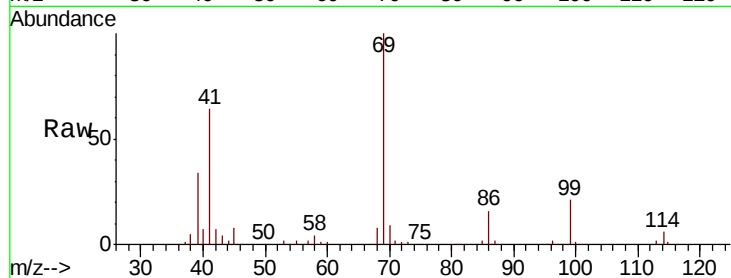
Tot Ion: 69 Resp: 57019

Ion Ratio Lower Upper

69 100

41 63.4 31.6 95.0

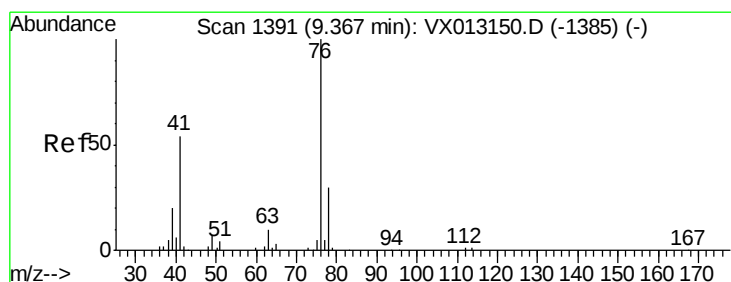
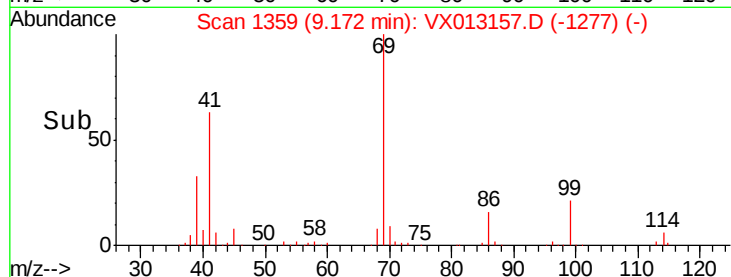
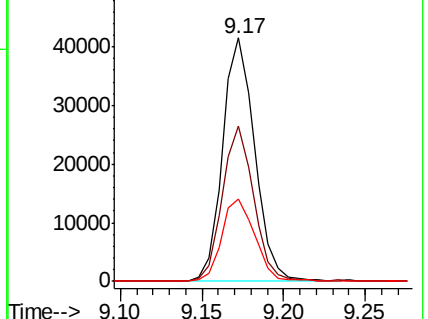
39 33.6 17.7 53.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.358 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013157.D

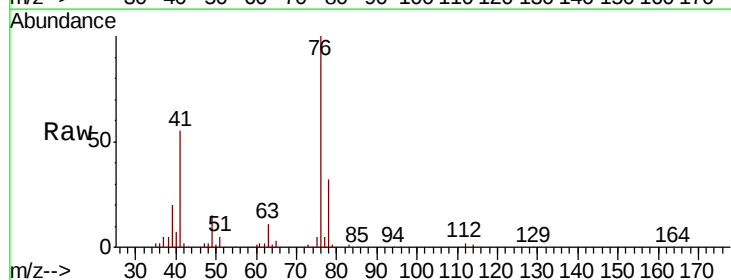
Acq: 21 Oct 2019 17:18

Tgt Ion: 76 Resp: 62267

Ion Ratio Lower Upper

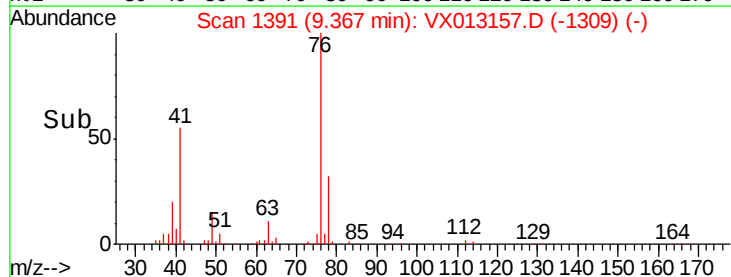
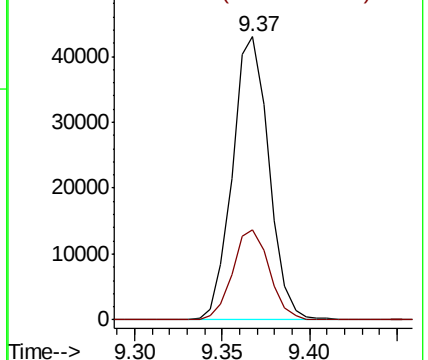
76 100

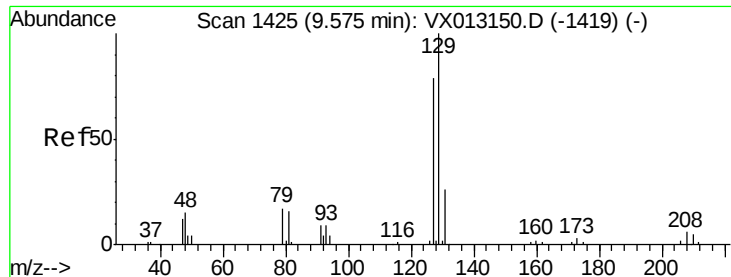
78 32.3 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.013 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

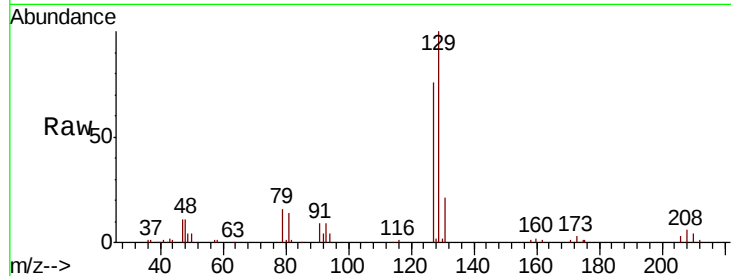
VX1021WBSD01

Tot Ion:129 Resp: 37249

Ion Ratio Lower Upper

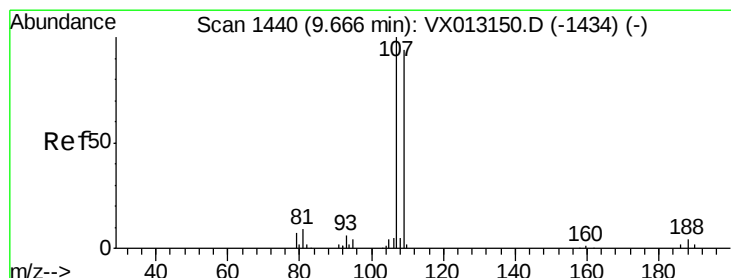
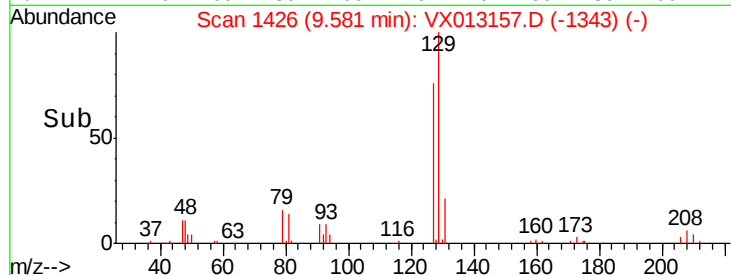
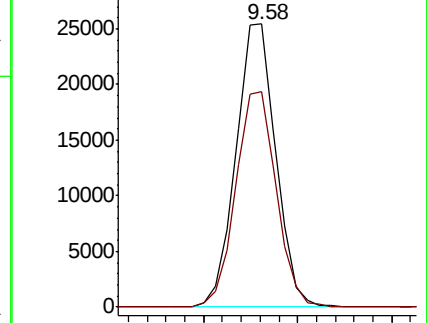
129 100

127 77.6 39.4 118.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.046 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013157.D

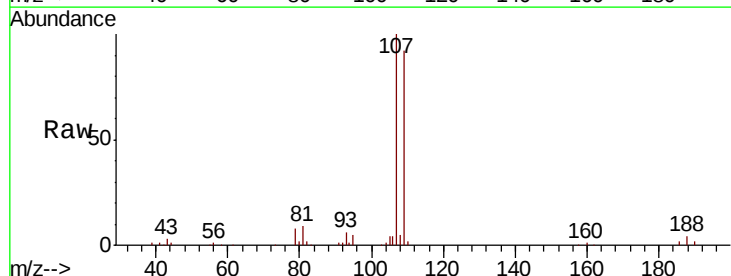
Acq: 21 Oct 2019 17:18

Tgt Ion:107 Resp: 38929

Ion Ratio Lower Upper

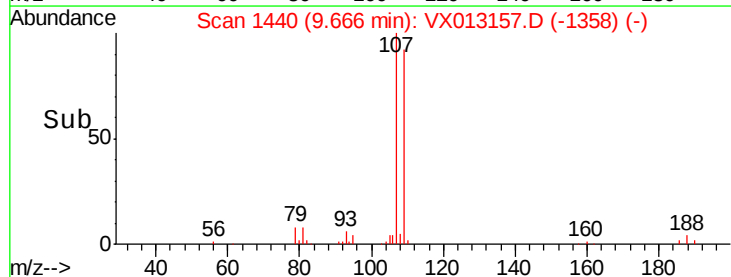
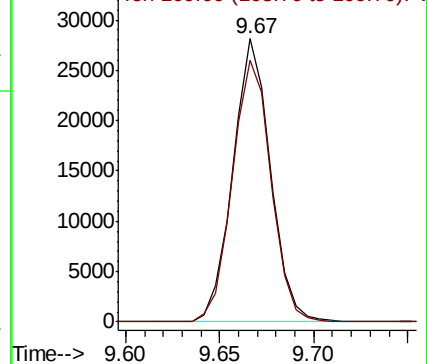
107 100

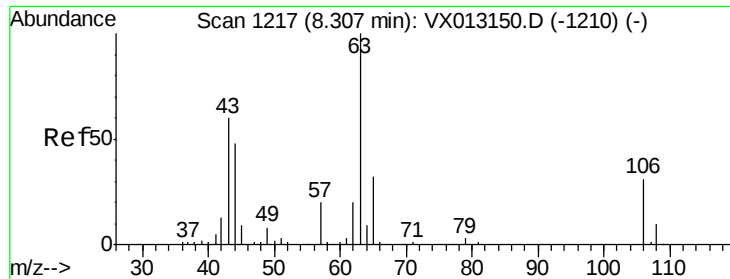
109 95.0 75.4 113.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

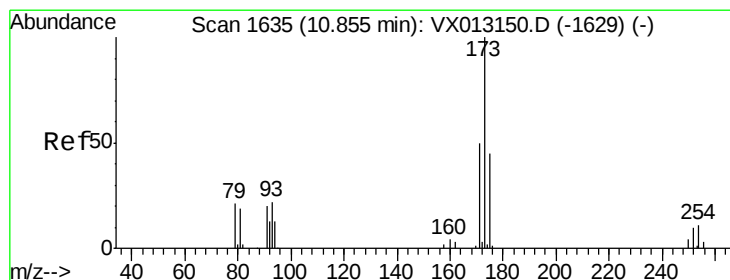
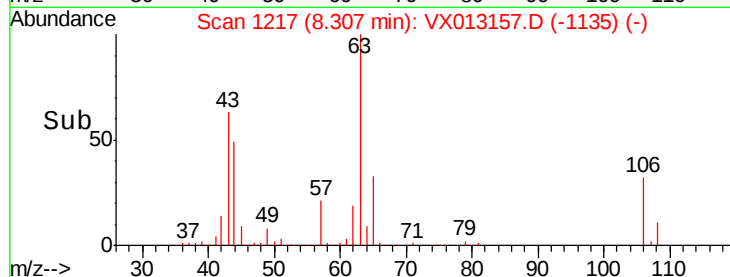
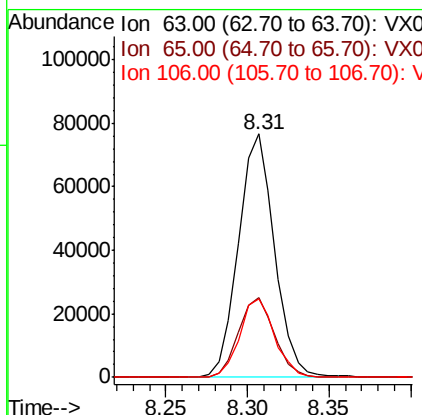
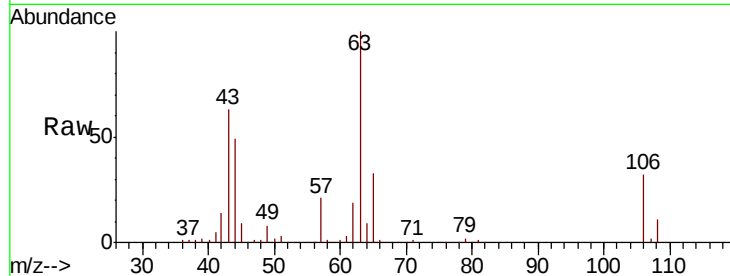




#55
2-Chloroethyl vinyl ether
Concen: 102.053 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

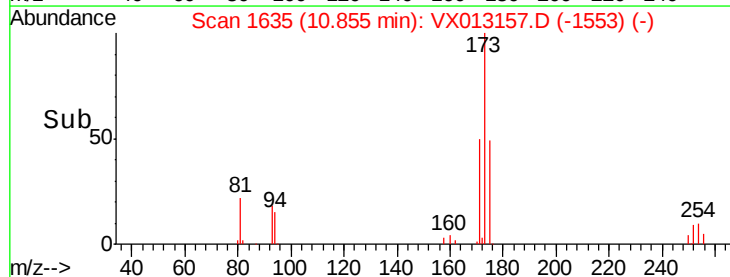
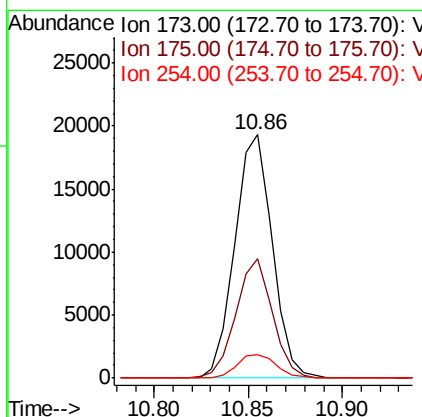
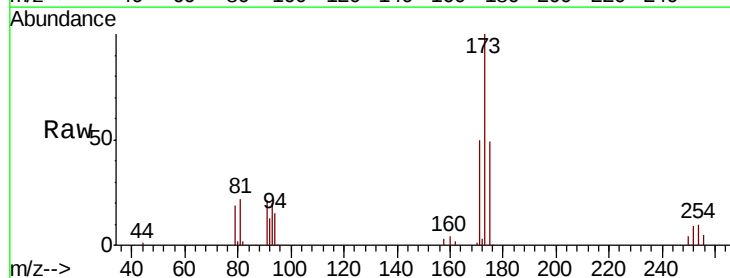
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

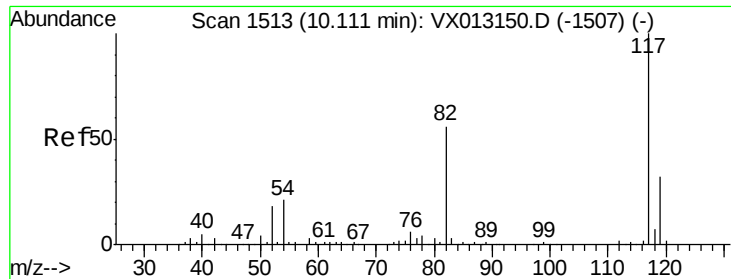
Tot Ion: 63 Resp: 118059
Ion Ratio Lower Upper
63 100
65 32.9 25.5 38.3
106 31.6 24.8 37.2



#56
Bromoform
Concen: 19.136 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion: 173 Resp: 26598
Ion Ratio Lower Upper
173 100
175 47.8 39.0 58.4
254 10.0 8.1 12.1

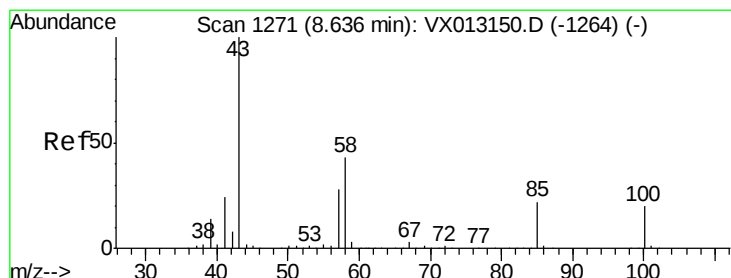
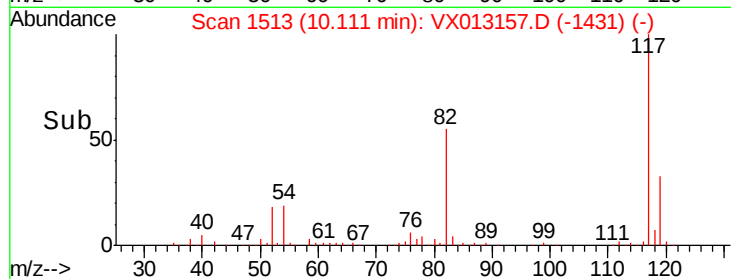
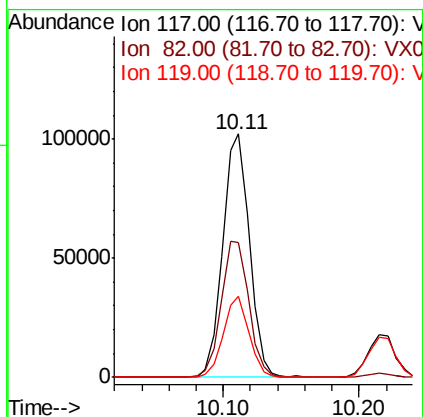
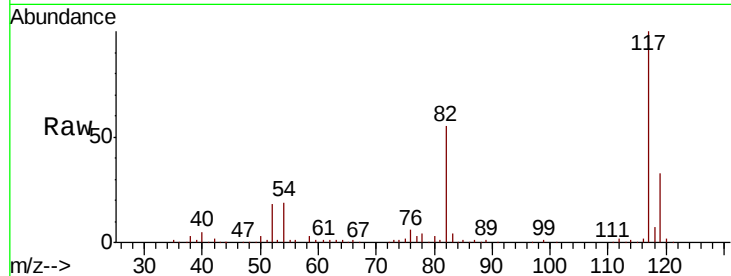




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

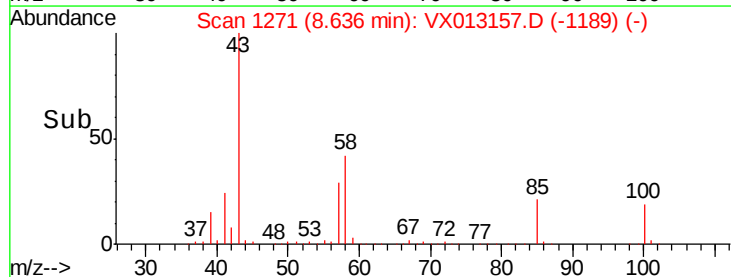
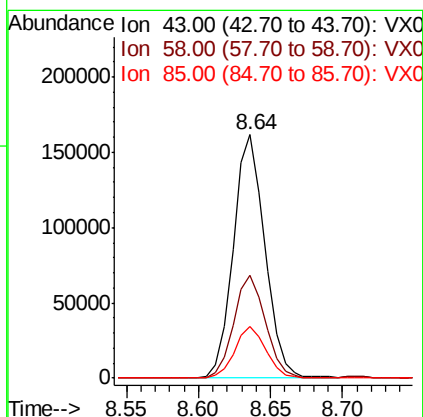
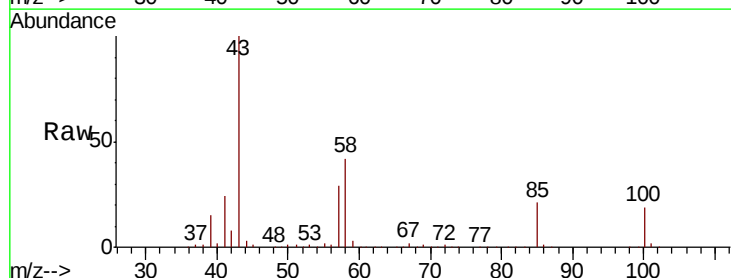
Instrument :
MSVOA_X
ClientSampled :
VX1021WBSD01

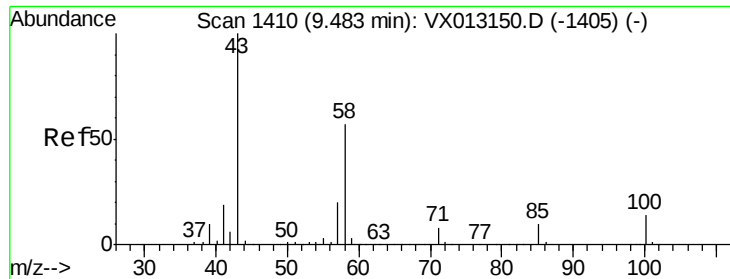
Tot Ion:117 Resp: 139189
Ion Ratio Lower Upper
117 100
82 57.5 46.0 69.0
119 32.0 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 105.352 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion: 43 Resp: 247092
Ion Ratio Lower Upper
43 100
58 42.3 33.8 50.8
85 20.9 16.8 25.2

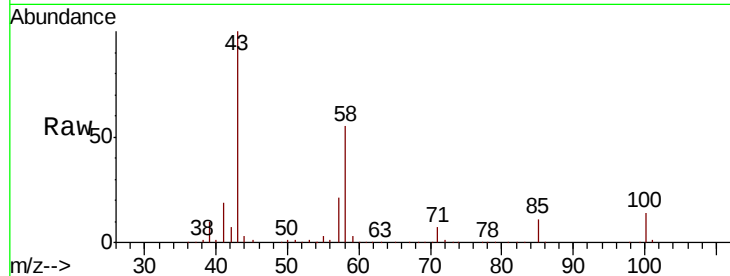




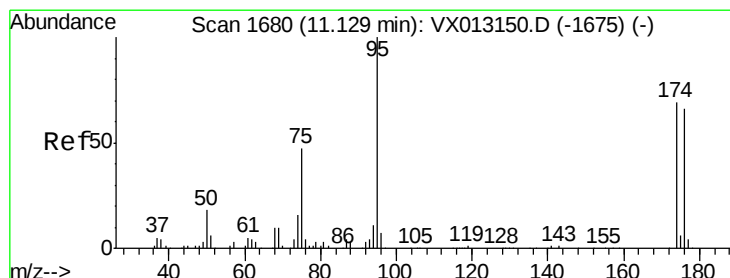
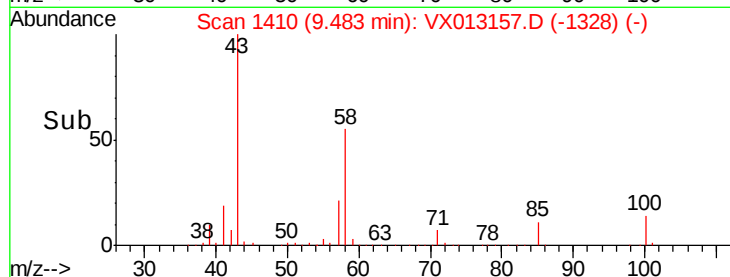
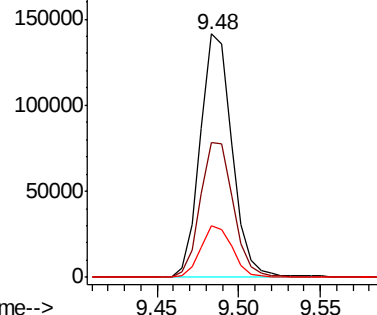
#59
2-Hexanone
Concen: 105.052 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.1	46.6	69.8
57	20.9	16.9	25.3

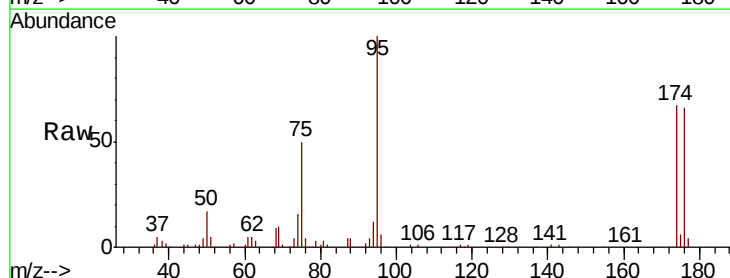


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

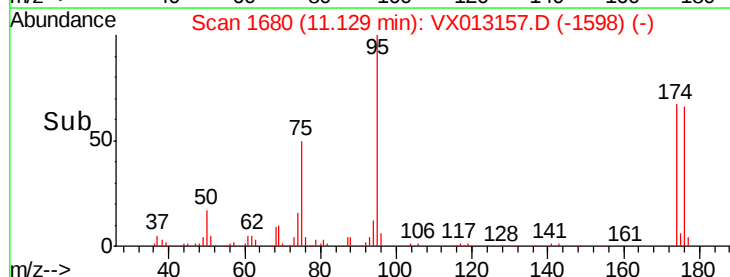
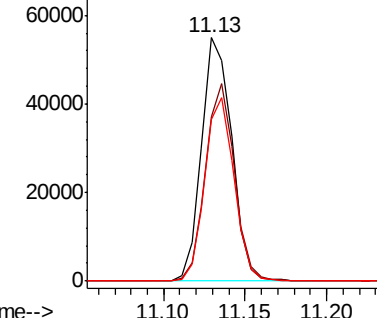


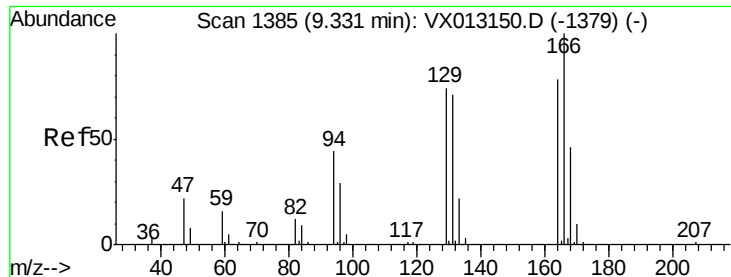
#60
4-Bromofluorobenzene
Concen: 29.285 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.7	60.0	90.0
176	72.9	58.5	87.7



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 20.624 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBSD01

Tot Ion:164 Resp: 38057

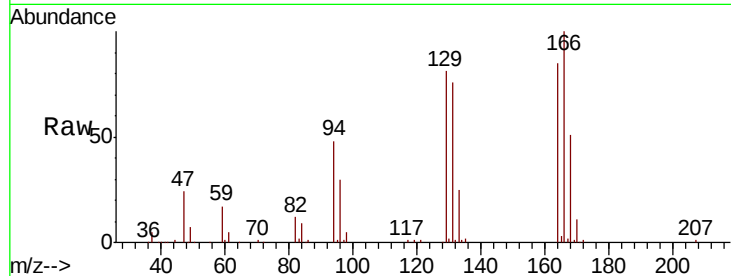
Ion Ratio Lower Upper

164 100

166 117.7 102.6 153.8

129 94.9 75.7 113.5

131 89.8 72.4 108.6

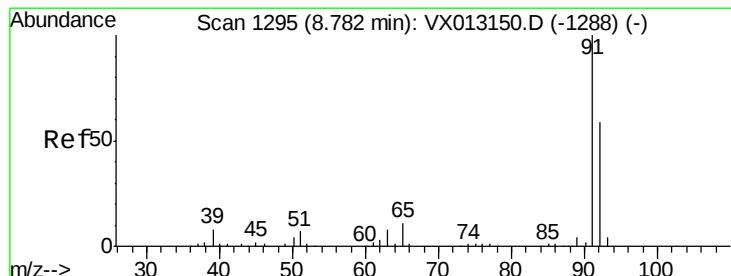
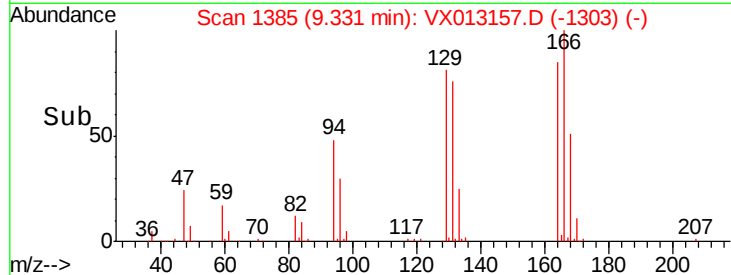
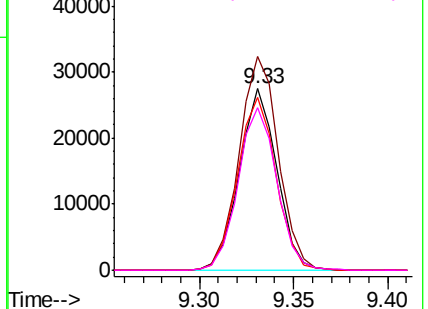


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.417 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013157.D

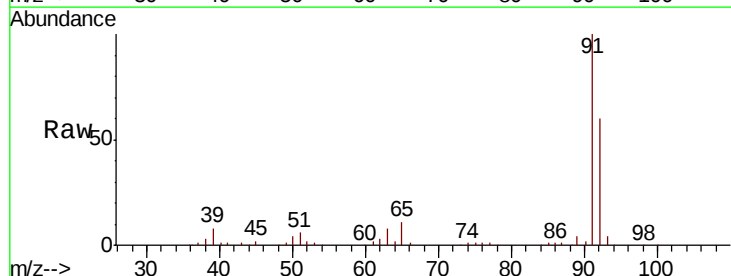
Acq: 21 Oct 2019 17:18

Tgt Ion: 91 Resp: 153410

Ion Ratio Lower Upper

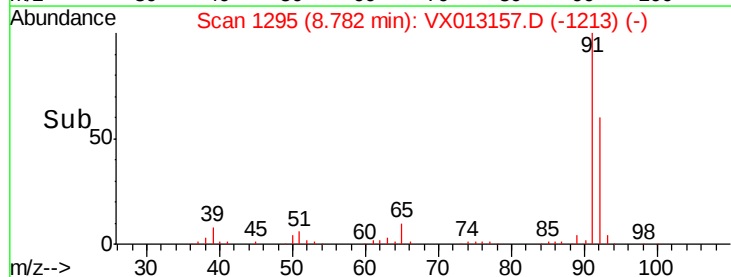
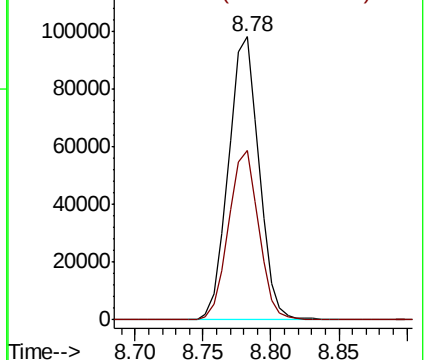
91 100

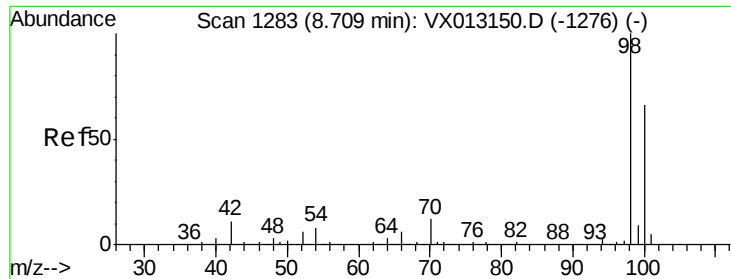
92 59.1 47.7 71.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.578 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

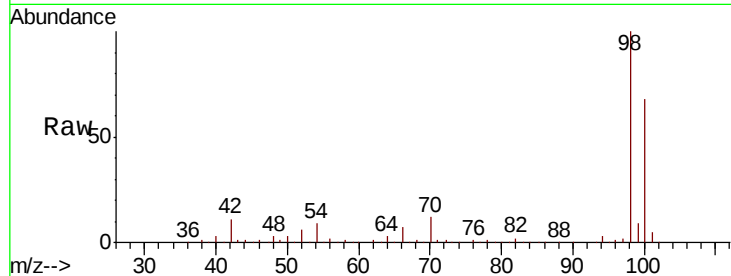
VX1021WBSD01

Tot Ion: 98 Resp: 189298

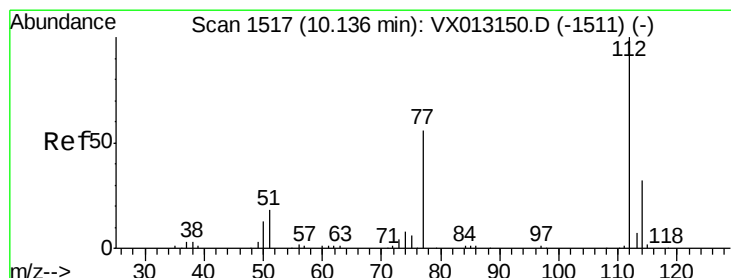
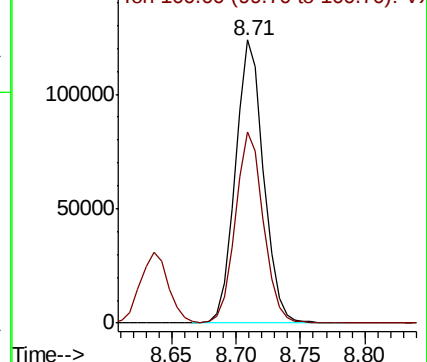
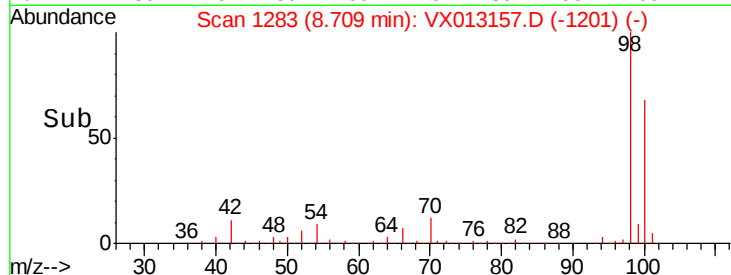
Ion Ratio Lower Upper

98 100

100 67.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX013157.D (-1201) (-)



#64

Chlorobenzene

Concen: 20.153 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013157.D

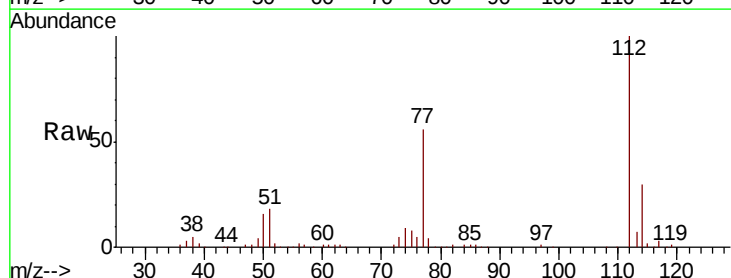
Acq: 21 Oct 2019 17:18

Tgt Ion: 112 Resp: 97090

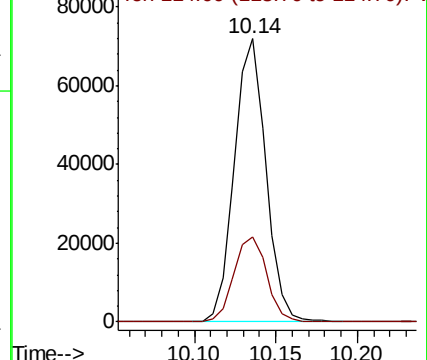
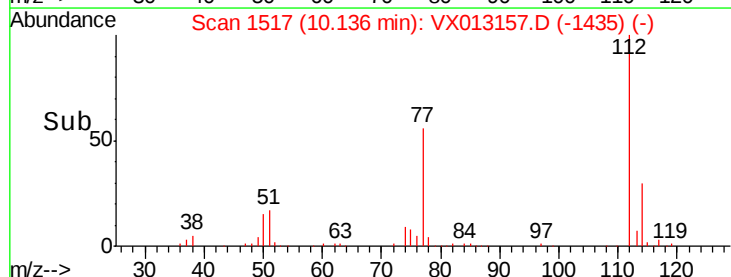
Ion Ratio Lower Upper

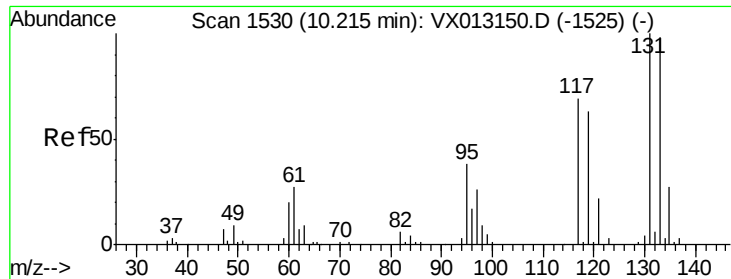
112 100

114 29.9 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VX013157.D (-1435) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 19.953 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampled :

VX1021WBSD01

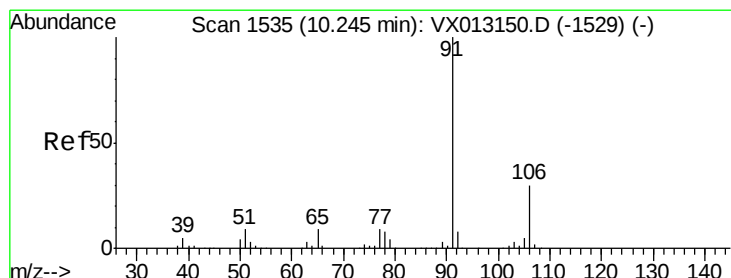
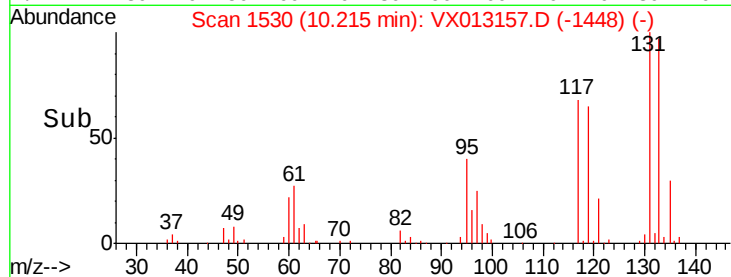
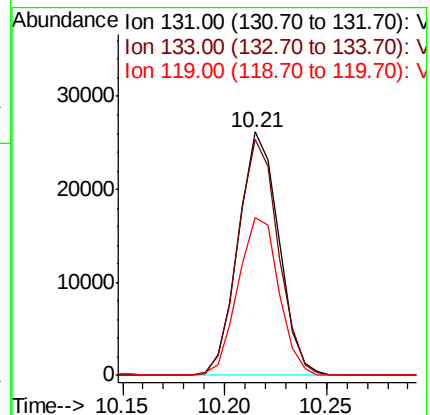
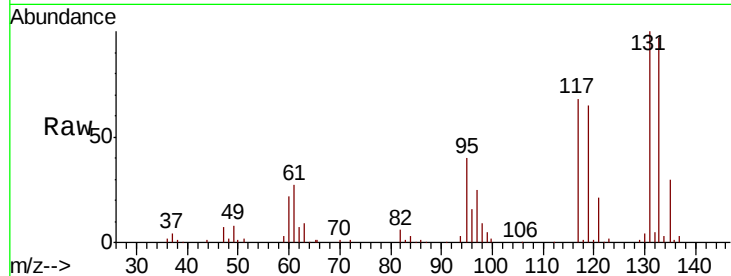
Tot Ion:131 Resp: 36010

Ion Ratio Lower Upper

131 100

133 96.8 0.0 191.0

119 65.8 0.0 125.6



#66

Ethyl Benzene

Concen: 19.908 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013157.D

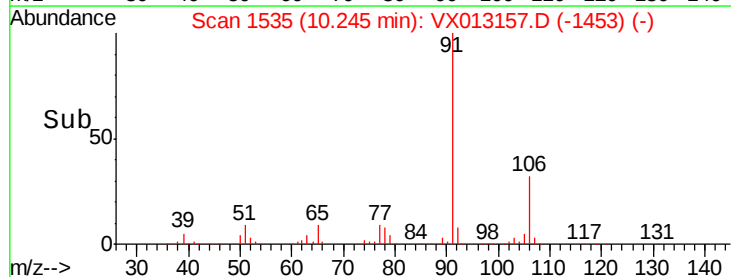
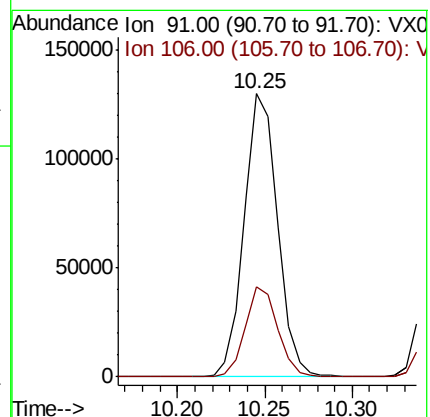
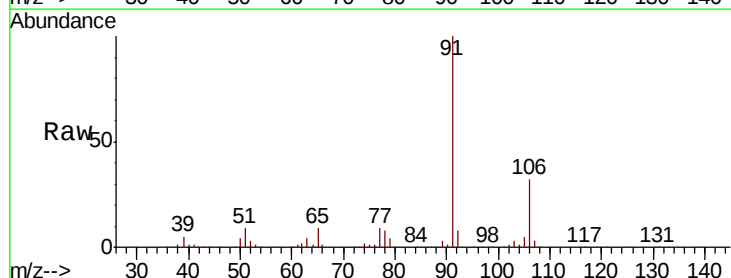
Acq: 21 Oct 2019 17:18

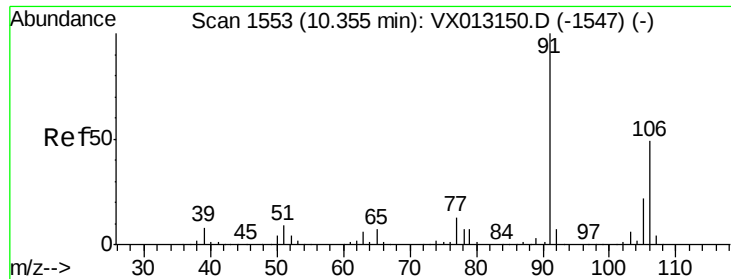
Tgt Ion: 91 Resp: 172160

Ion Ratio Lower Upper

91 100

106 31.7 23.8 35.6

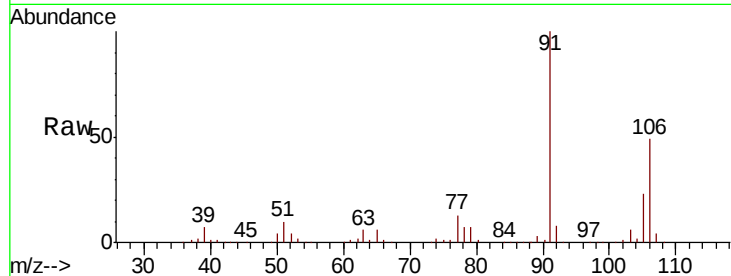




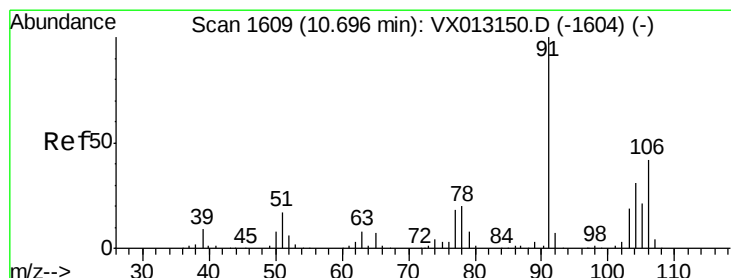
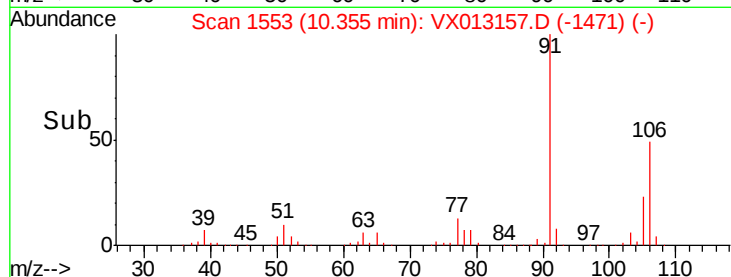
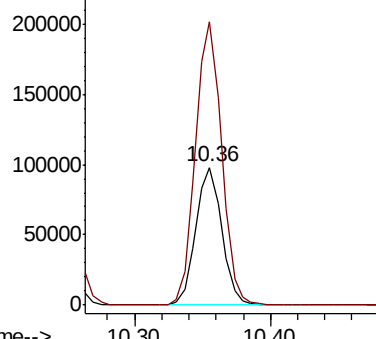
#67
m/p-Xylenes
Concen: 39.714 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tot Ion:106 Resp: 130529
Ion Ratio Lower Upper
106 100
91 206.3 163.7 245.5

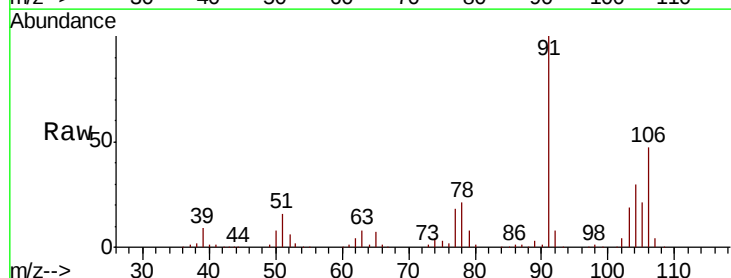


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

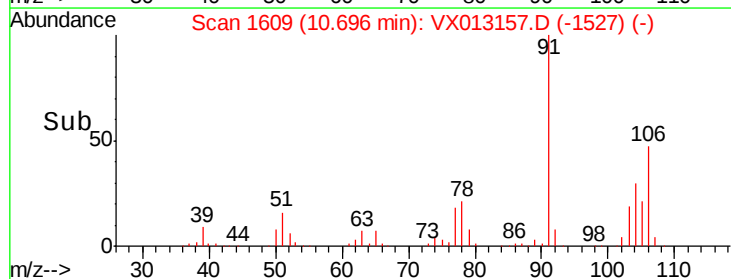
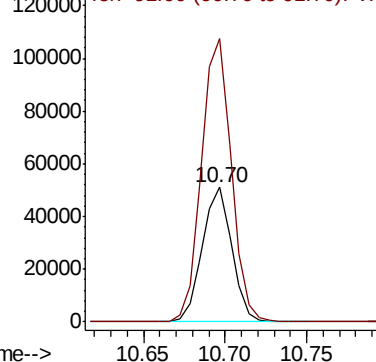


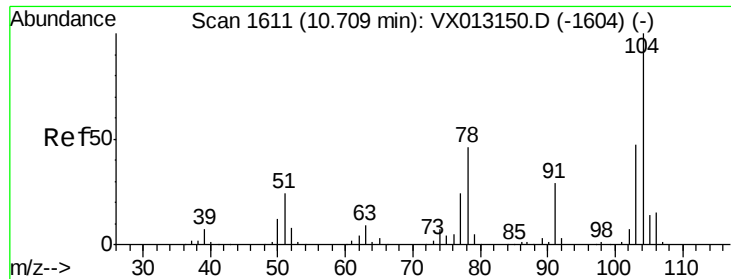
#68
o-Xylene
Concen: 20.425 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion:106 Resp: 64084
Ion Ratio Lower Upper
106 100
91 213.2 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

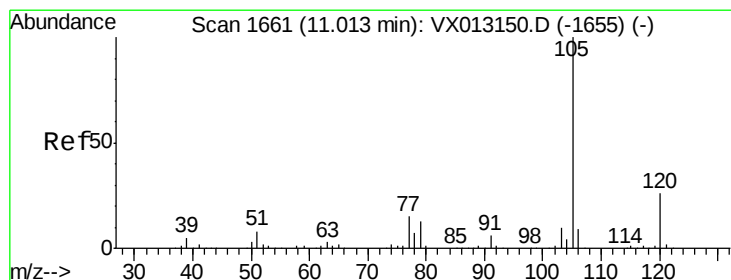
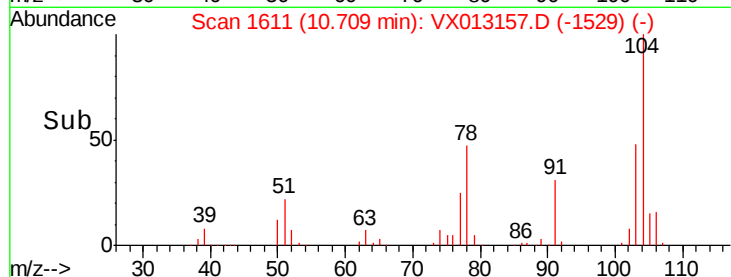
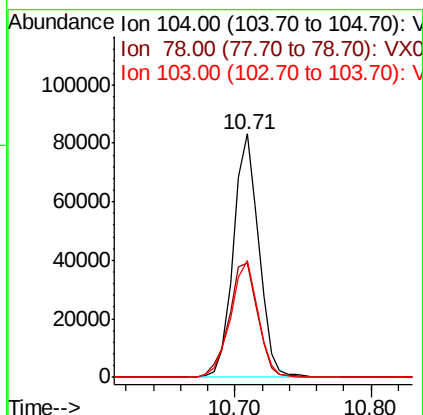
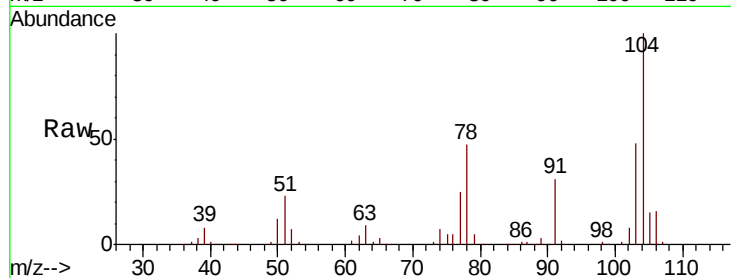




#69
Stvrene
Concen: 20.028 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

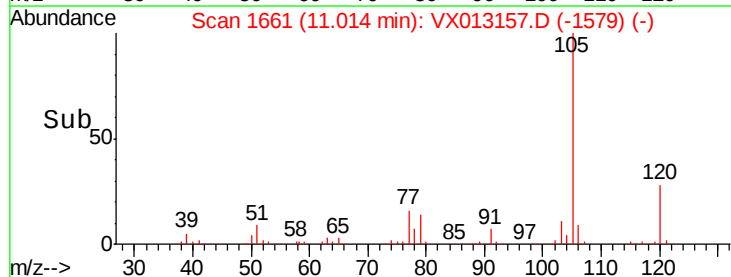
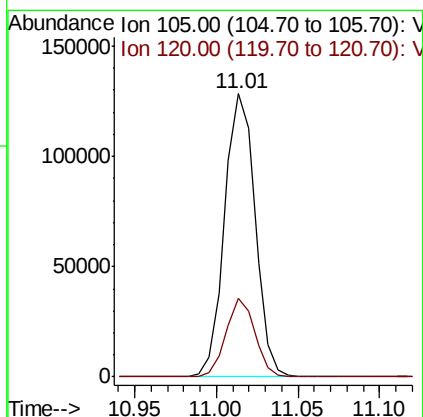
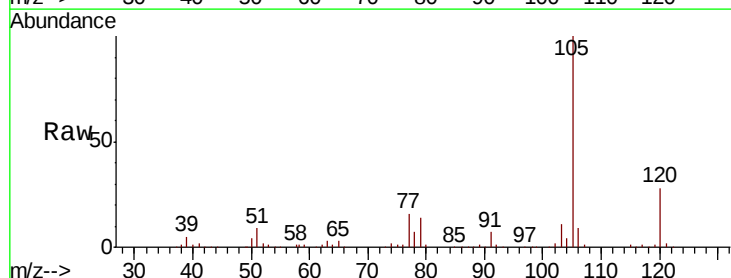
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

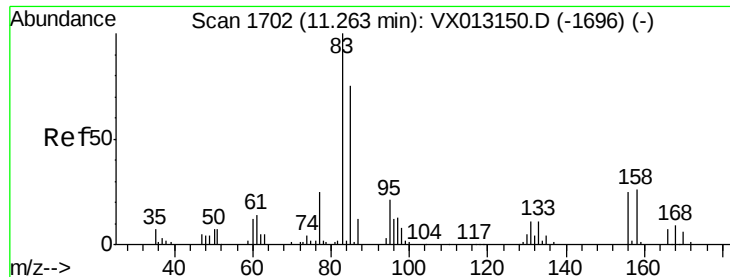
Tot Ion:104 Resp: 108141
Ion Ratio Lower Upper
104 100
78 53.4 42.3 63.5
103 52.4 42.2 63.2



#70
Isopropylbenzene
Concen: 19.439 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion:105 Resp: 167364
Ion Ratio Lower Upper
105 100
120 26.3 18.1 33.7

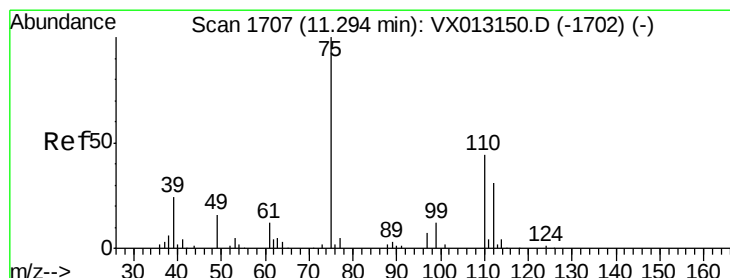
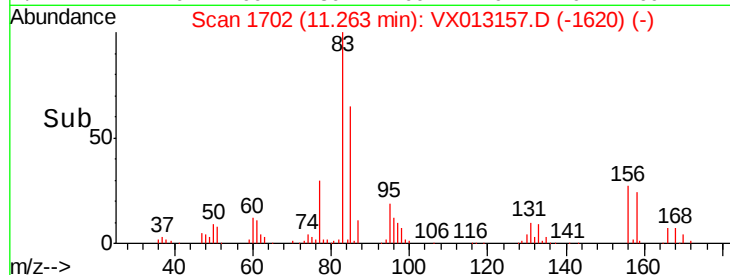
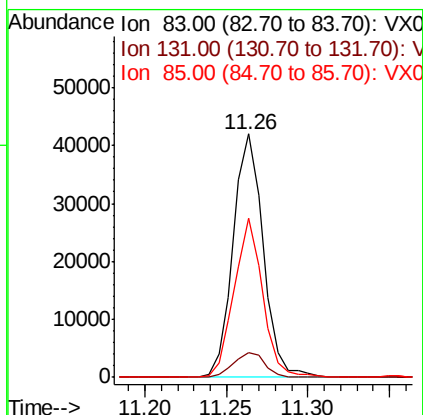
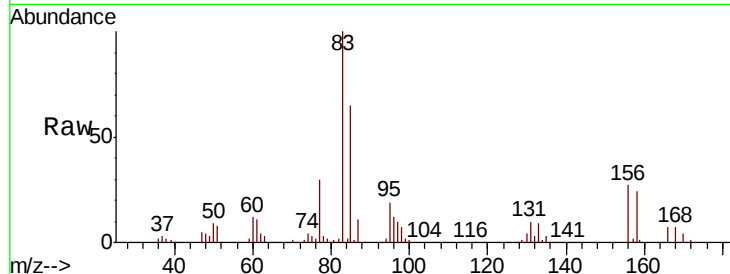




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.448 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

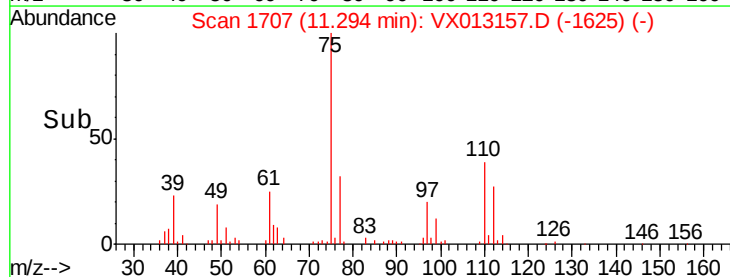
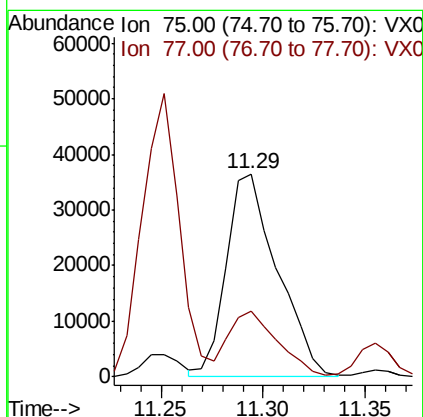
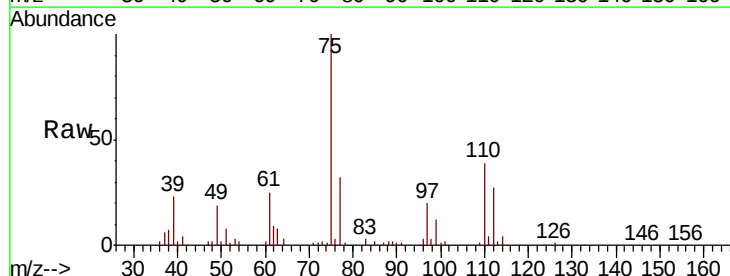
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBSD01

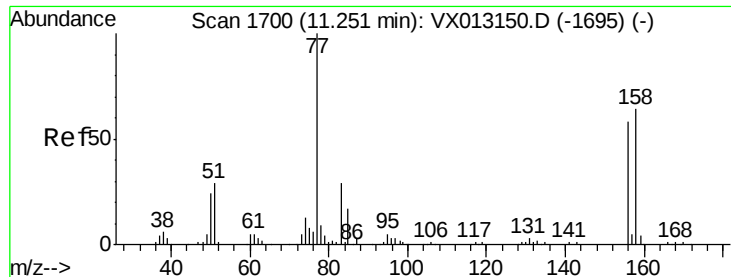
Tot Ion: 83 Resp: 53945
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.5 16.4
 85 62.6 32.9 98.6



#72
 1,2,3-Trichloropropane
 Concen: 27.714 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Tgt Ion: 75 Resp: 63503
 Ion Ratio Lower Upper
 75 100
 77 30.9 0.0 74.0





#73

Bromobenzene

Concen: 19.485 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBSD01

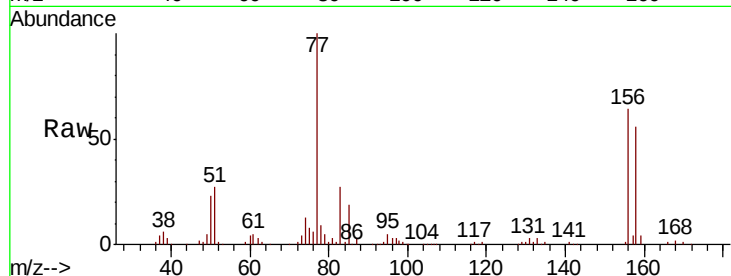
Tot Ion:156 Resp: 40259

Ion Ratio Lower Upper

156 100

77 160.3 0.0 328.0

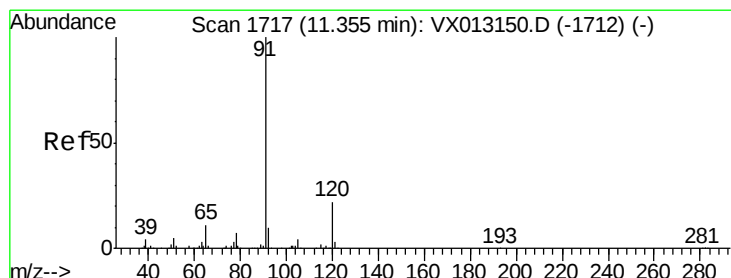
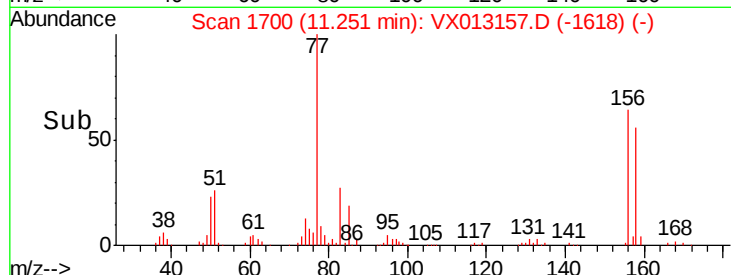
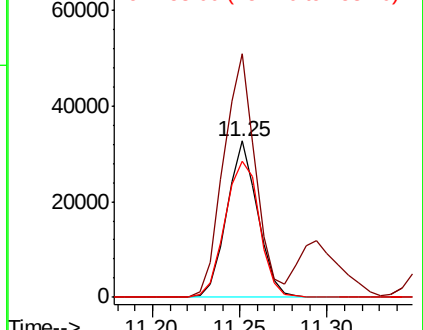
158 96.7 0.0 196.2



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: 20.004 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013157.D

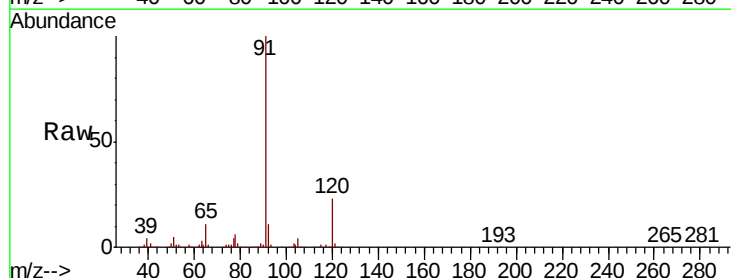
Acq: 21 Oct 2019 17:18

Tgt Ion: 91 Resp: 189029

Ion Ratio Lower Upper

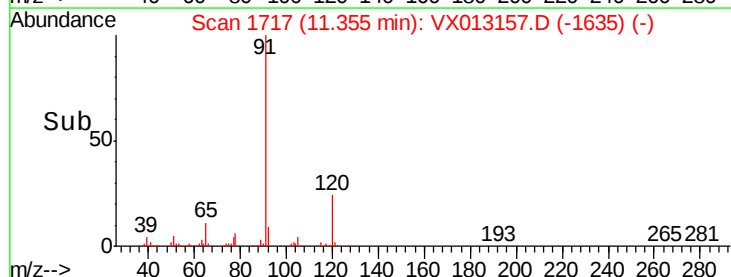
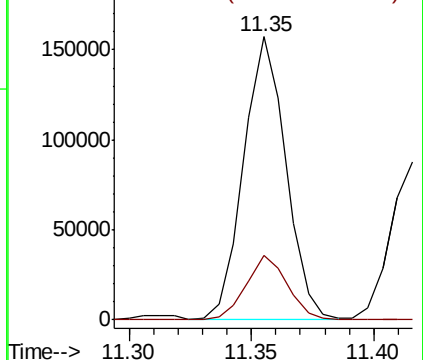
91 100

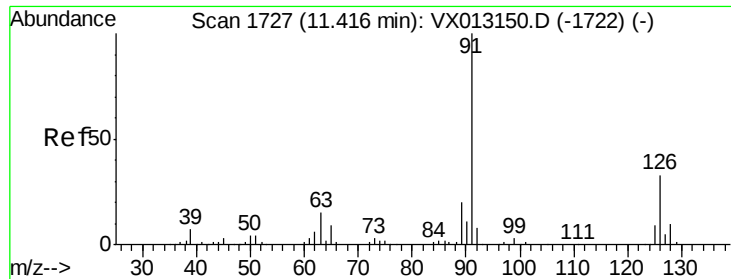
120 22.3 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.278 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

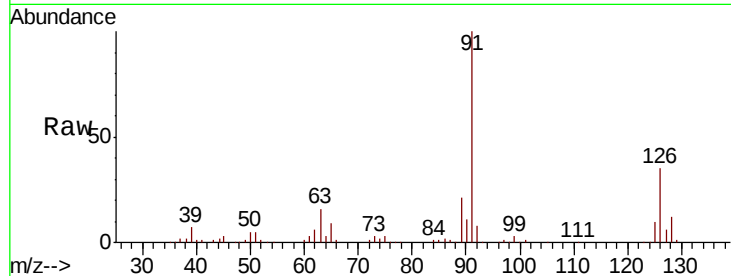
VX1021WBSD01

Tot Ion: 91 Resp: 113993

Ion Ratio Lower Upper

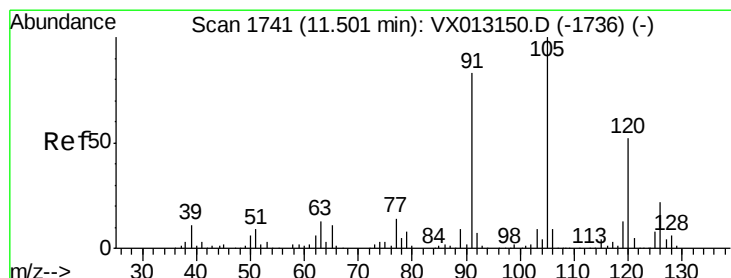
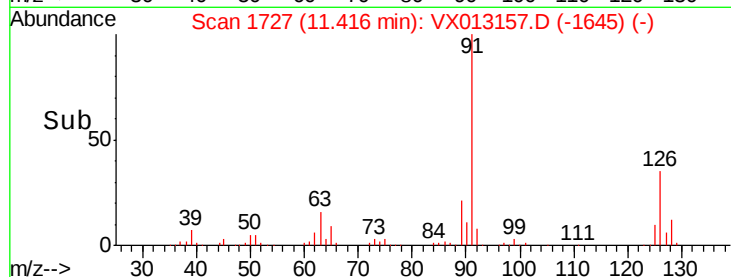
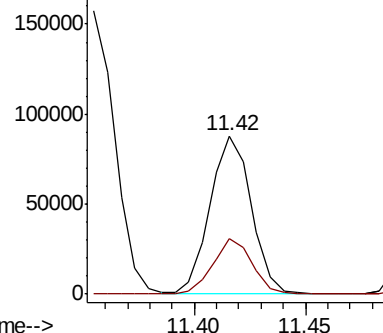
91 100

126 33.3 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.153 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013157.D

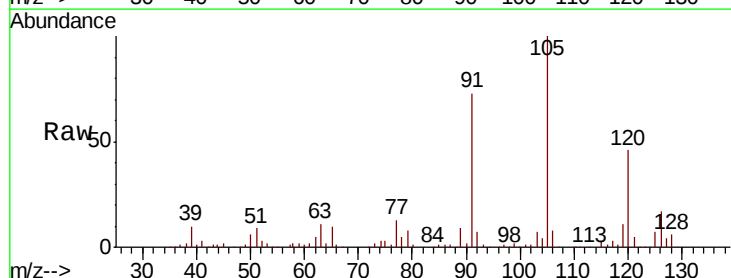
Acq: 21 Oct 2019 17:18

Tgt Ion: 105 Resp: 145651

Ion Ratio Lower Upper

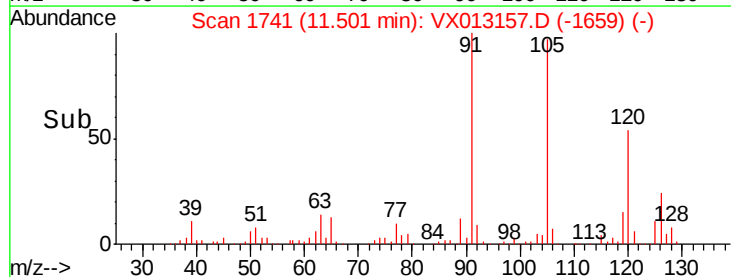
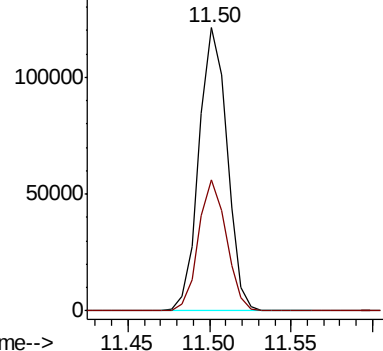
105 100

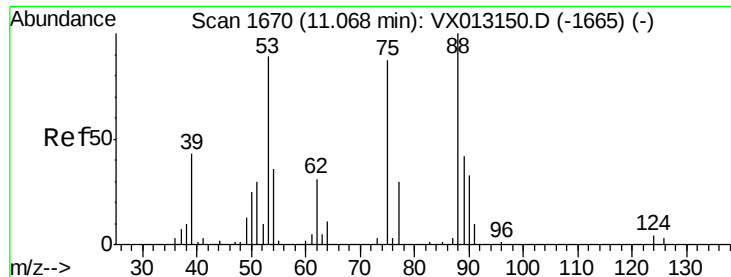
120 45.9 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.814 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013157.D

Acq: 21 Oct 2019 17:18

Instrument :

MSVOA_X

ClientSampleId :

VX1021WBSD01

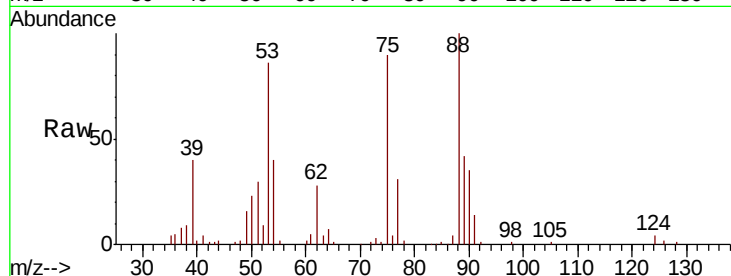
Tot Ion: 75 Resp: 16738

Ion Ratio Lower Upper

75 100

53 96.6 51.1 153.4

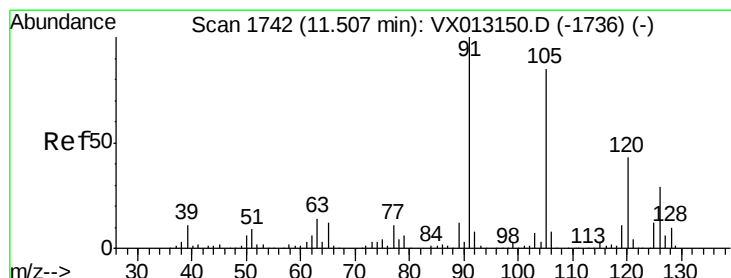
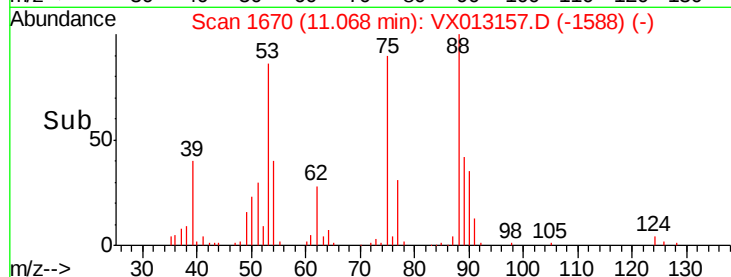
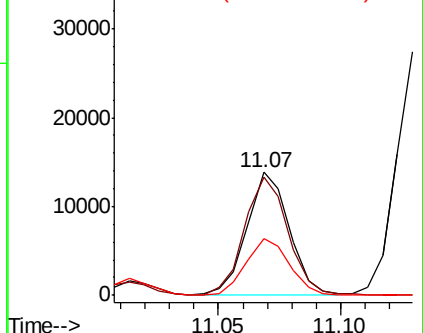
89 46.5 24.1 72.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.647 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013157.D

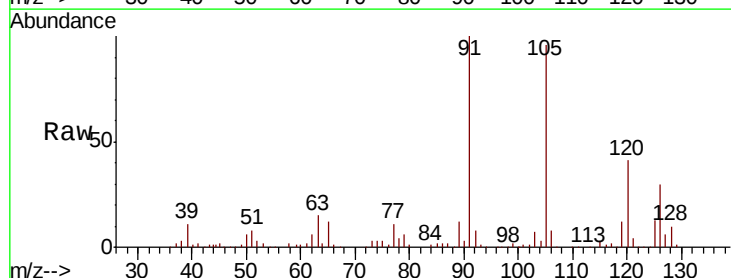
Acq: 21 Oct 2019 17:18

Tgt Ion: 91 Resp: 132745

Ion Ratio Lower Upper

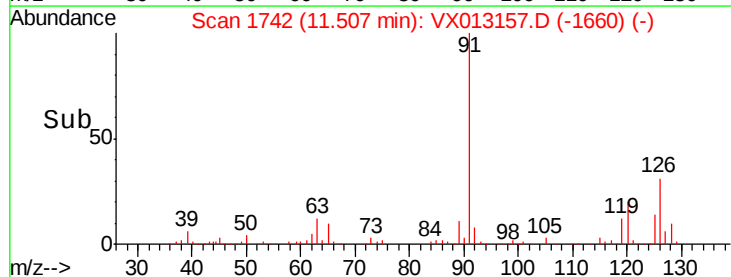
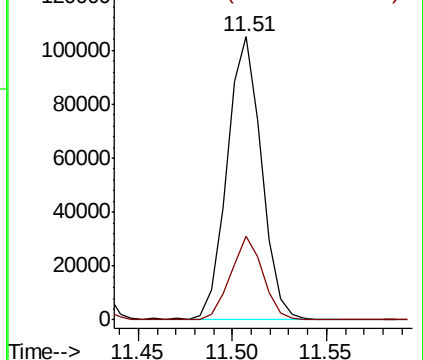
91 100

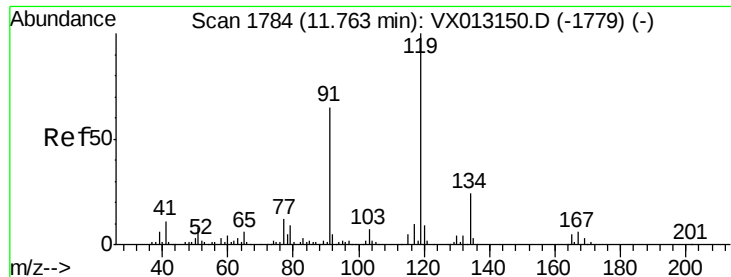
126 27.8 0.0 58.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

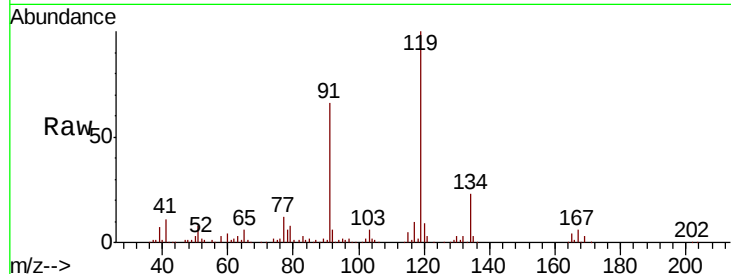




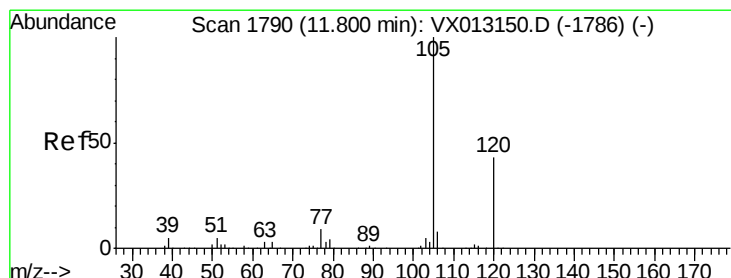
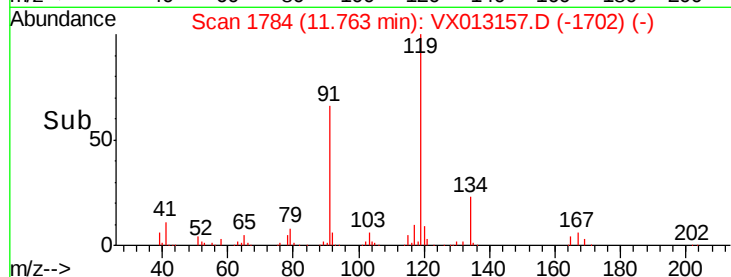
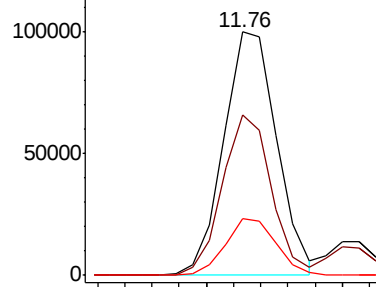
#79
tert-butylbenzene
Concen: 19.475 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.9	0.0	128.4
134	22.4	0.0	49.0

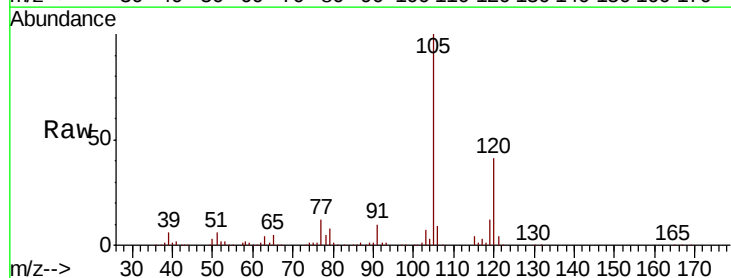


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

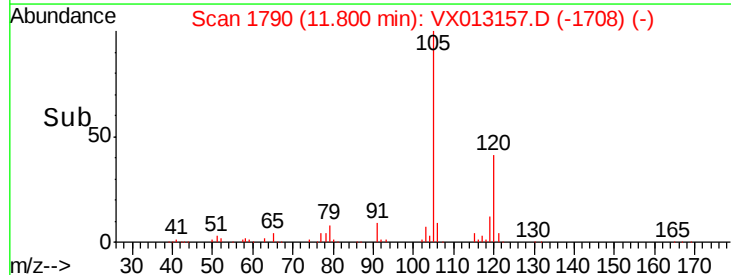
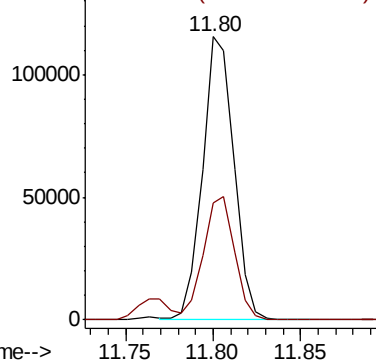


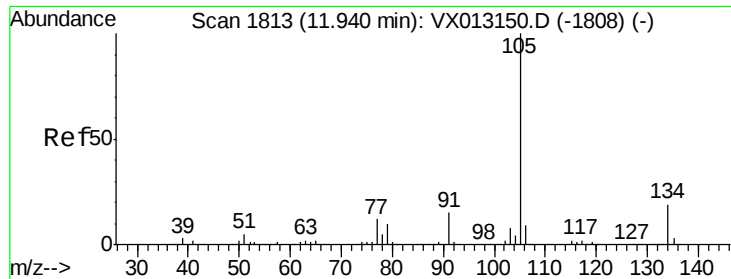
#80
1,2,4-Trimethylbenzene
Concen: 19.937 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	0.0	87.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

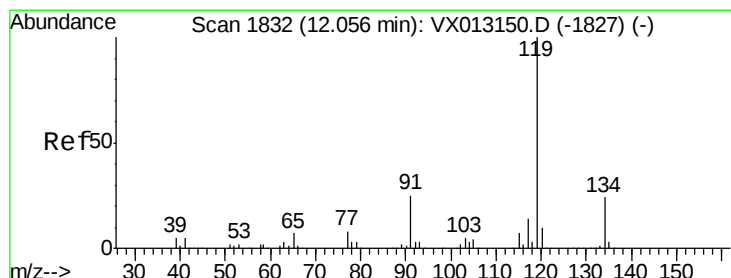
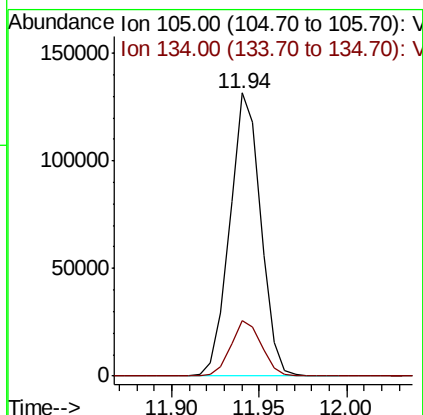
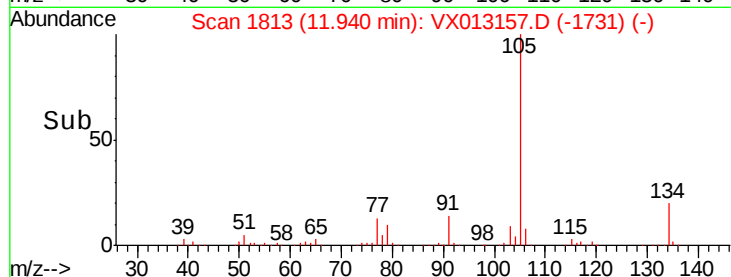
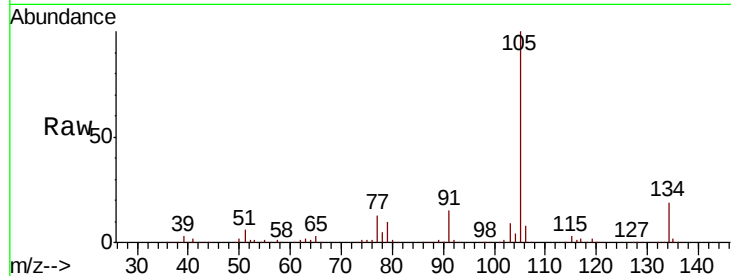




#81
 sec-Butylbenzene
 Concen: 19.505 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

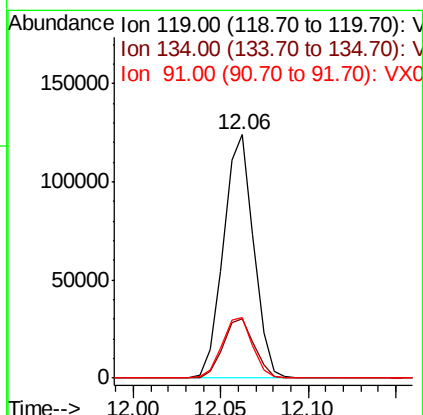
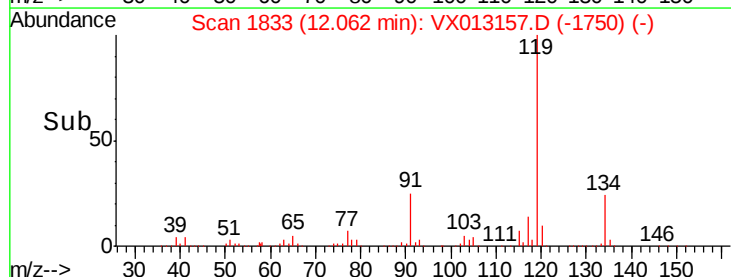
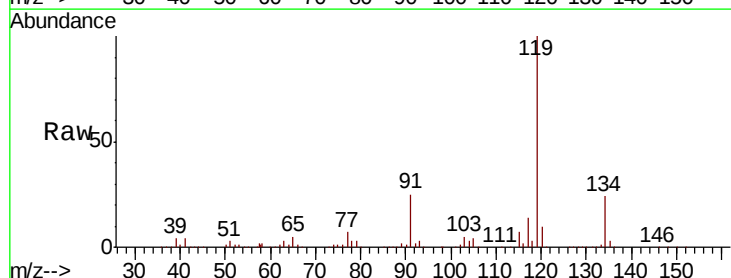
Instrument :
 MSVOA_X
 ClientSampled :
 VX1021WBSD01

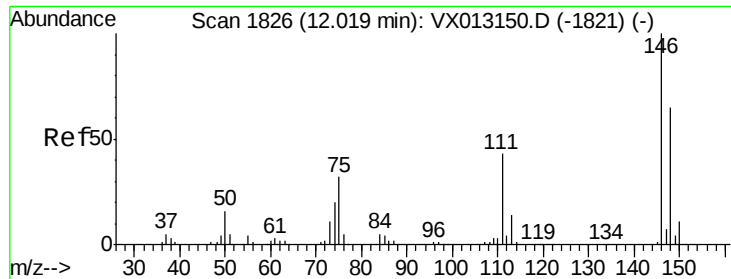
Tot Ion:105 Resp: 161704
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 19.653 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Tgt Ion:119 Resp: 148974
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 51.6
 91 25.2 0.0 50.0

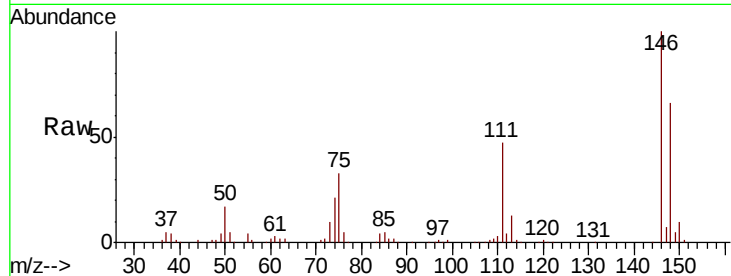




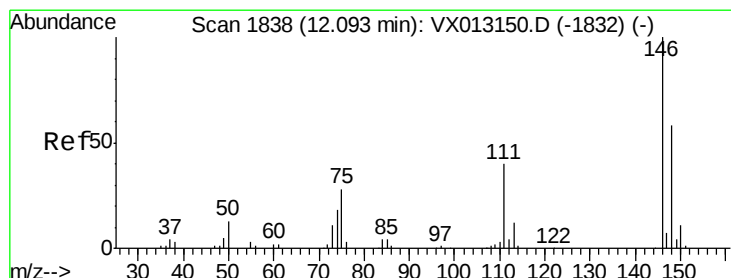
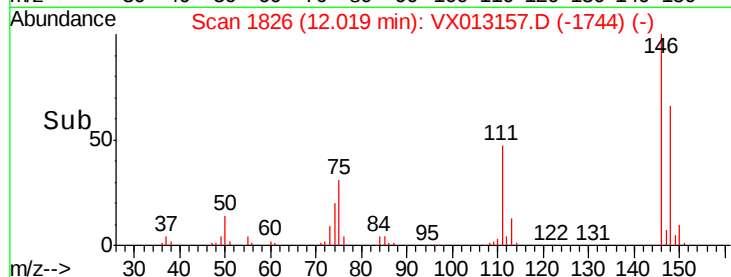
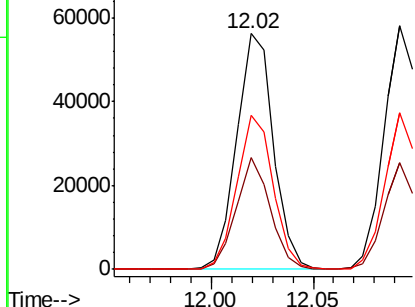
#83
 1,3-Dichlorobenzene
 Concen: 18.672 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBSD01

Tot Ion:146 Resp: 70453
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.8 65.4
 148 64.6 31.2 93.6

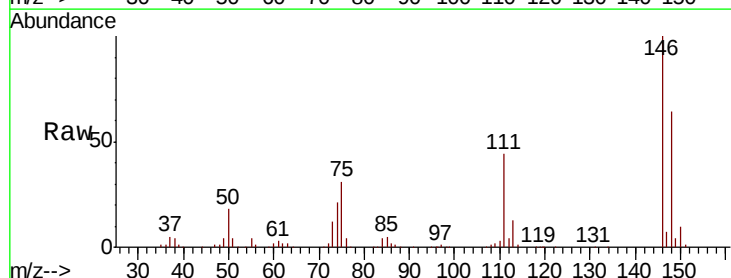


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

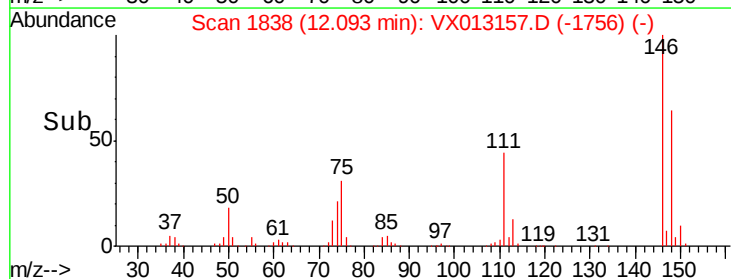
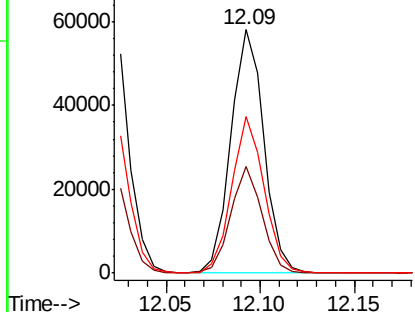


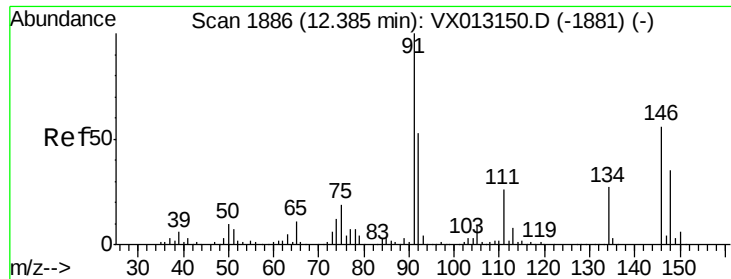
#84
 1,4-Dichlorobenzene
 Concen: 18.922 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Tgt Ion:146 Resp: 70611
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 60.9
 148 62.9 31.4 94.2



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

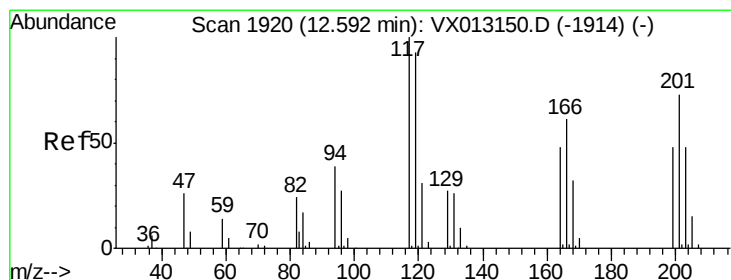
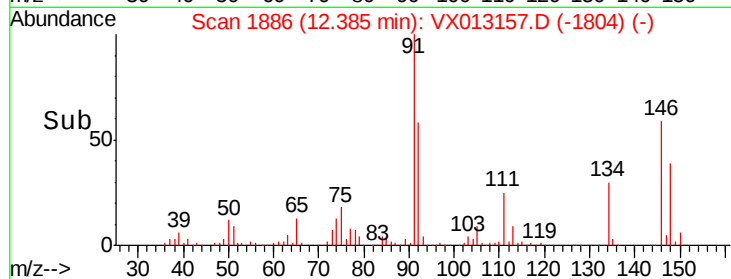
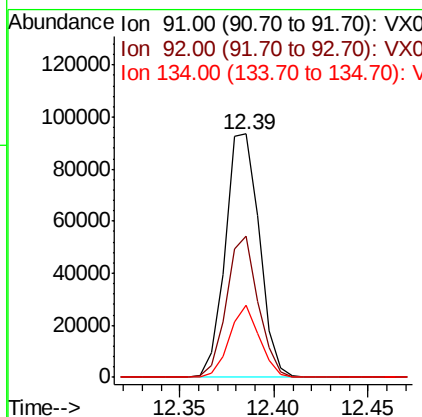
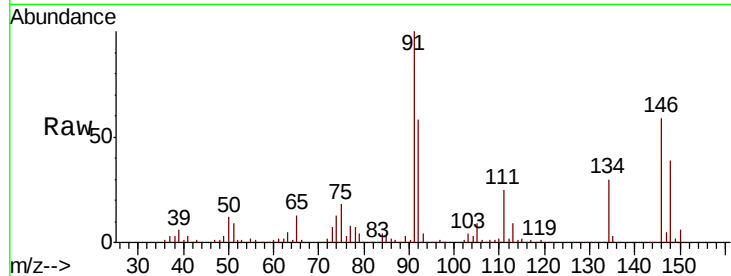




#85
n-Butylbenzene
Concen: 18.198 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

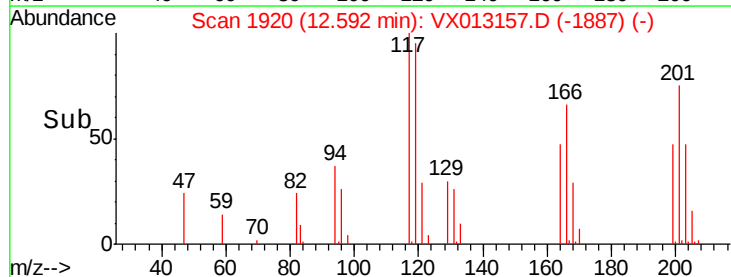
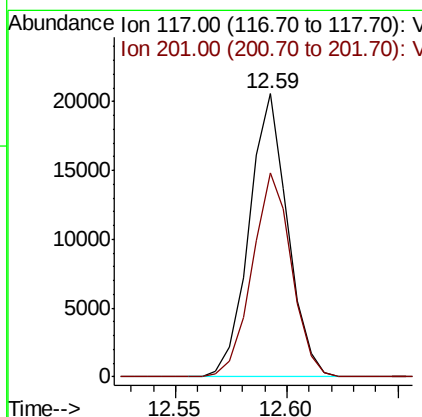
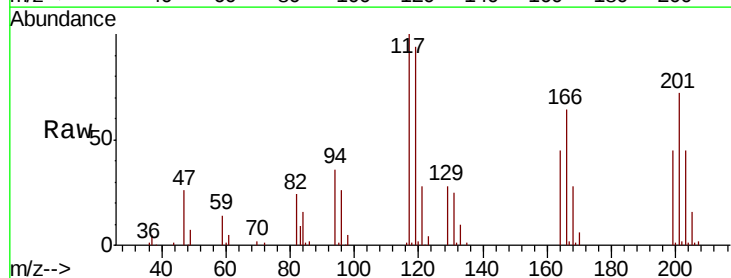
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

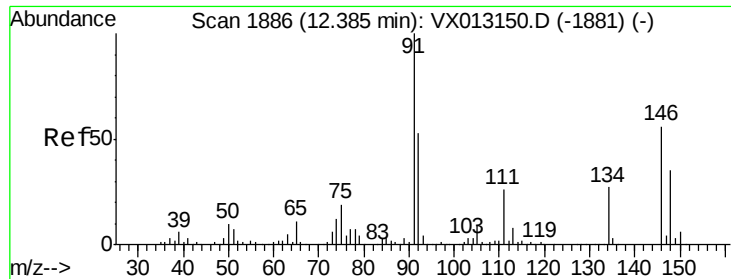
Tot Ion: 91 Resp: 117169
Ion Ratio Lower Upper
91 100
92 54.2 0.0 106.8
134 26.2 0.0 52.4



#86
Hexachloroethane
Concen: 18.761 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion: 117 Resp: 24822
Ion Ratio Lower Upper
117 100
201 73.5 35.9 107.5

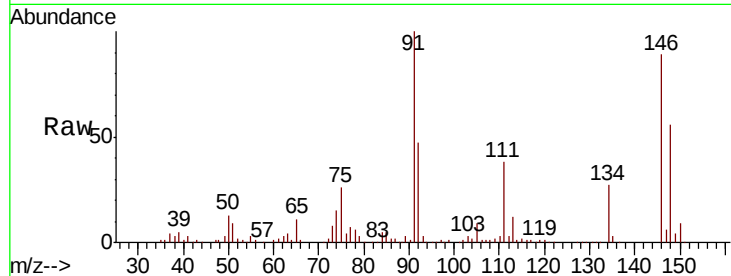




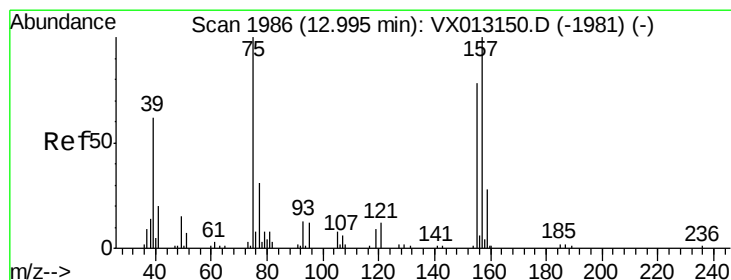
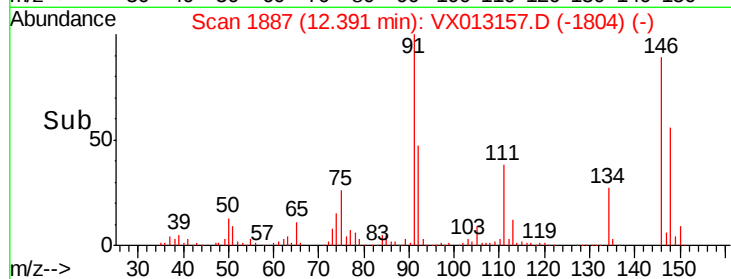
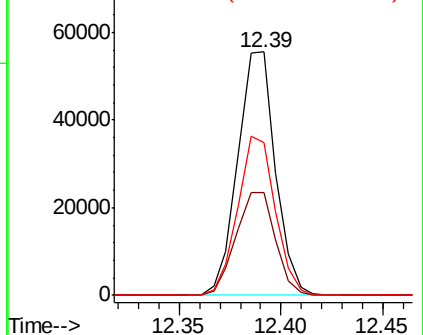
#87
 1,2-Dichlorobenzene
 Concen: 19.525 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX1021WBSD01

Tot Ion:146 Resp: 71464
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.5 67.5
 148 65.1 31.4 94.2

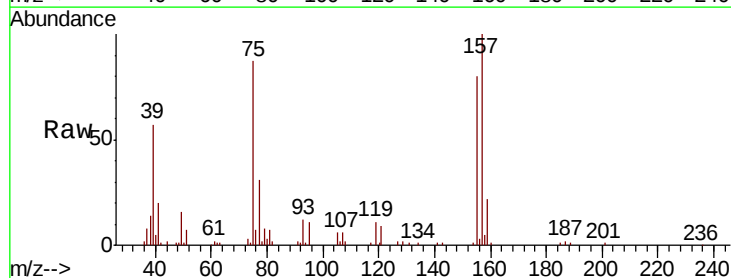


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

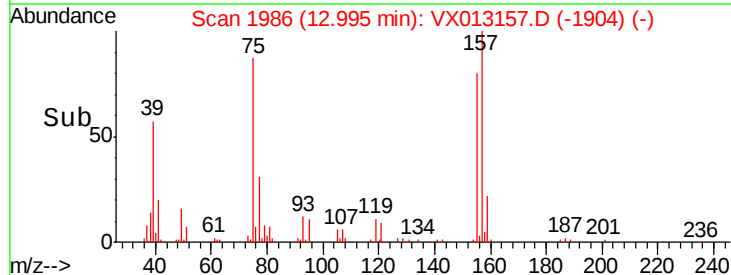
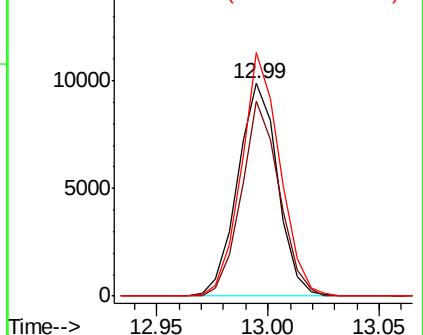


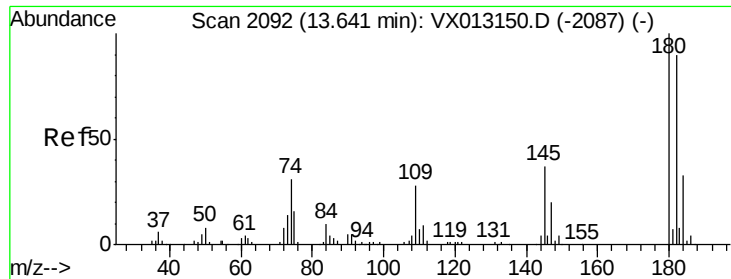
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.066 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013157.D
 Acq: 21 Oct 2019 17:18

Tgt Ion: 75 Resp: 12394
 Ion Ratio Lower Upper
 75 100
 155 86.9 65.4 98.0
 157 110.3 84.1 126.1



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

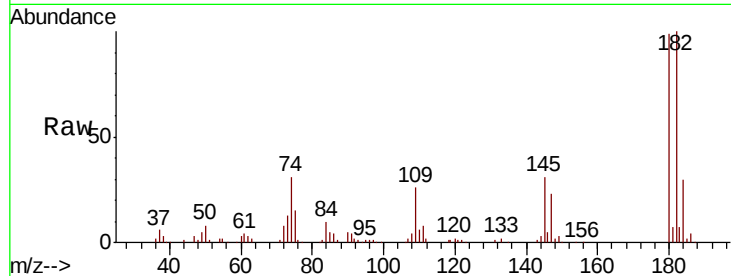




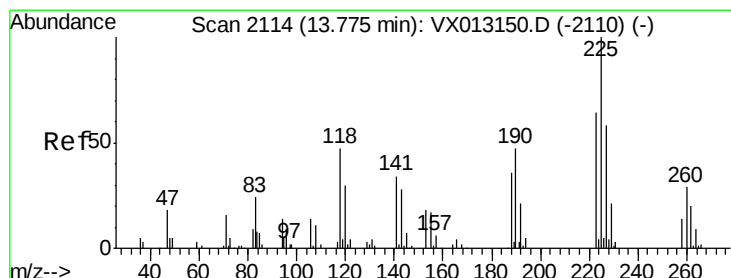
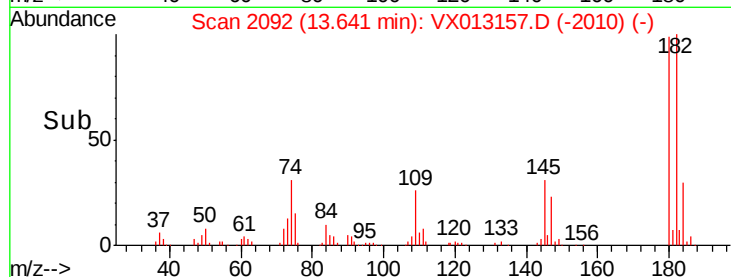
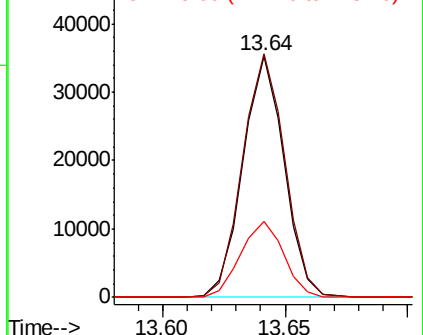
#89
1,2,4-Trichlorobenzene
Concen: 18.291 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tot Ion:180 Resp: 41638
Ion Ratio Lower Upper
180 100
182 102.7 76.1 114.1
145 32.9 27.4 41.2

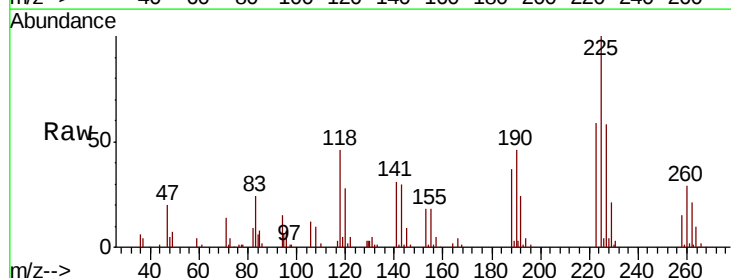


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

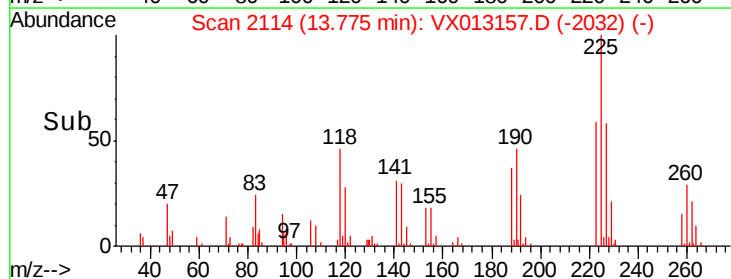
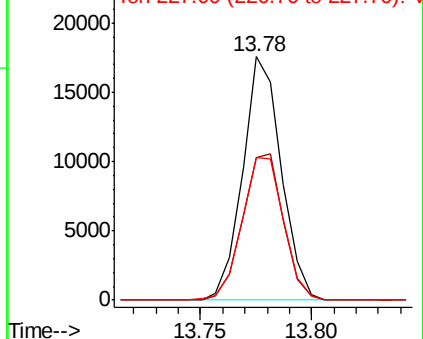


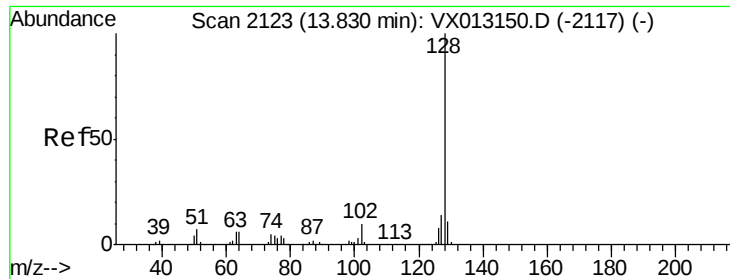
#90
Hexachlorobutadiene
Concen: 18.394 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion:225 Resp: 21260
Ion Ratio Lower Upper
225 100
223 63.4 0.0 131.2
227 63.0 0.0 127.0



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

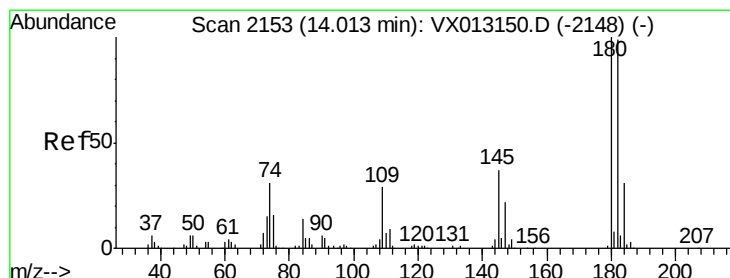
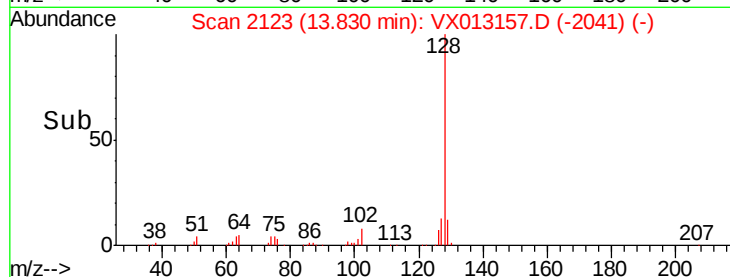
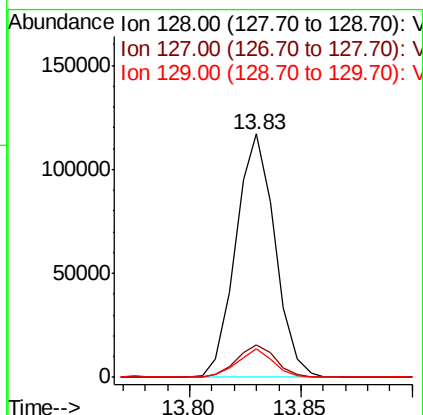
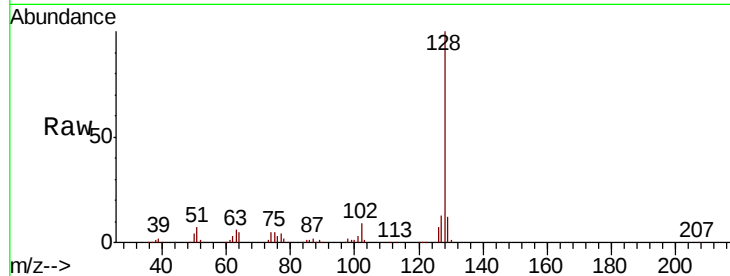




#91
Naphthalene
Concen: 19.313 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBSD01

Tot Ion:128 Resp: 143011
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 18.778 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013157.D
Acq: 21 Oct 2019 17:18

Tgt Ion:180 Resp: 43795
Ion Ratio Lower Upper
180 100
182 96.2 0.0 194.4
145 34.3 0.0 71.2

