

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013013.D
 Acq On : 11 Oct 2019 14:00
 Operator : JC/SP
 Sample : VX1011WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

Quant Time: Oct 11 23:24:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114054	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	107317	51.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.62%	
35) Dibromofluoromethane	5.48	113	84873	52.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.22%	
50) Toluene-d8	8.71	98	325975	51.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.13	95	123285	49.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	33881	19.864	ug/l	97
3) Chloromethane	1.32	50	36206	19.504	ug/l	98
4) Vinyl Chloride	1.40	62	36700	19.154	ug/l	100
5) Bromomethane	1.63	94	19999	25.110	ug/l	98
6) Chloroethane	1.72	64	22923	19.810	ug/l	98
7) Trichlorofluoromethane	1.92	101	53638	20.741	ug/l	99
8) Diethyl Ether	2.18	74	20590	19.725	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35418	21.162	ug/l	99
10) Methyl Iodide	2.50	142	30942	19.742	ug/l	100
11) Tert butyl alcohol	3.03	59	49684	89.612	ug/l	98
12) 1,1-Dichloroethene	2.36	96	32922	19.469	ug/l	97
13) Acrolein	2.28	56	28590	72.561	ug/l	97
14) Allyl chloride	2.72	41	58719	19.499	ug/l	99
15) Acrylonitrile	3.13	53	107564	102.374	ug/l	99
16) Acetone	2.43	43	94778	85.973	ug/l	99
17) Carbon Disulfide	2.56	76	83582	17.334	ug/l	99
18) Methyl Acetate	2.76	43	51306	19.635	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	122461	20.971	ug/l	98
20) Methylene Chloride	2.85	84	39267	19.381	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	37055	20.445	ug/l	98
22) Diisopropyl ether	3.84	45	123446	21.392	ug/l	93
23) Vinyl Acetate	3.80	43	511443	102.668	ug/l	98
24) 1,1-Dichloroethane	3.69	63	68472	21.092	ug/l	100
25) 2-Butanone	4.66	43	147370	96.354	ug/l	100
26) 2,2-Dichloropropane	4.58	77	52690	19.301	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	41787	20.002	ug/l	98
28) Bromochloromethane	5.00	49	20715	21.093	ug/l	99
29) Tetrahydrofuran	5.11	42	93980	99.854	ug/l	98
30) Chloroform	5.20	83	68904	20.685	ug/l	99
31) Cyclohexane	5.58	56	61632	20.303	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	58529	20.737	ug/l	99
36) 1,1-Dichloropropene	5.79	75	50552	20.263	ug/l	98
37) Ethyl Acetate	4.82	43	54503	19.538	ug/l	99
38) Carbon Tetrachloride	5.77	117	48841	20.114	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61179	20.221	ug/l	98
40) Benzene	6.14	78	154057	20.908	ug/l	96
41) Methacrylonitrile	5.03	41	30587	19.954	ug/l	98
42) 1,2-Dichloroethane	6.19	62	55759	21.089	ug/l	99
43) Isopropyl Acetate	6.43	43	90051	20.112	ug/l	99
44) Trichloroethene	7.21	130	40172	19.661	ug/l	94
45) 1,2-Dichloropropane	7.51	63	39439	21.001	ug/l	98
46) Dibromomethane	7.65	93	26060	20.828	ug/l	100
47) Bromodichloromethane	7.89	83	50438	20.657	ug/l	98
48) Methyl methacrylate	7.76	41	43669	20.014	ug/l	100
49) 1,4-Dioxane	7.73	88	20451	372.107	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	284764	102.009	ug/l	100
52) Toluene	8.78	92	98273	20.847	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	52760	18.732	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	59752	19.897	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	40390	21.651	ug/l	99
56) Ethyl methacrylate	9.17	69	61332	19.519	ug/l	99
57) 1,3-Dichloropropane	9.37	76	66873	20.723	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	137829	100.573	ug/l	100
59) 2-Hexanone	9.48	43	213729	98.354	ug/l	100
60) Dibromochloromethane	9.58	129	37190	19.106	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41066	20.926	ug/l	98
64) Tetrachloroethene	9.33	164	37960	21.564	ug/l	95
65) Chlorobenzene	10.14	112	102156	20.269	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	35869	20.526	ug/l	99
67) Ethyl Benzene	10.25	91	185506	20.721	ug/l	99
68) m/p-Xylenes	10.36	106	139666	41.759	ug/l	96
69) o-Xylene	10.70	106	67543	20.709	ug/l	99
70) Styrene	10.71	104	114496	20.650	ug/l	99
71) Bromoform	10.85	173	24040	18.269	ug/l #	99
73) Isopropylbenzene	11.01	105	183018	21.826	ug/l	98
74) N-amyl acetate	10.89	43	75042	20.779	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	56853	20.385	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	66878	26.437	ug/l	77
77) Bromobenzene	11.25	156	42358	21.436	ug/l	98
78) n-propylbenzene	11.35	91	199735	21.646	ug/l	99
79) 2-Chlorotoluene	11.42	91	126100	21.745	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	154184	22.020	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15632	18.676	ug/l	93
82) 4-Chlorotoluene	11.51	91	141574	21.300	ug/l	100
83) tert-Butylbenzene	11.76	119	147762	21.633	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	152154	21.456	ug/l	99
85) sec-Butylbenzene	11.94	105	173431	21.917	ug/l	99
86) p-Isopropyltoluene	12.06	119	156761	21.360	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75909	20.687	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	75210	20.238	ug/l	99
89) n-Butylbenzene	12.39	91	129198	20.946	ug/l	98
90) Hexachloroethane	12.59	117	24619	19.463	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	75688	21.040	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13131	20.087	ug/l	95

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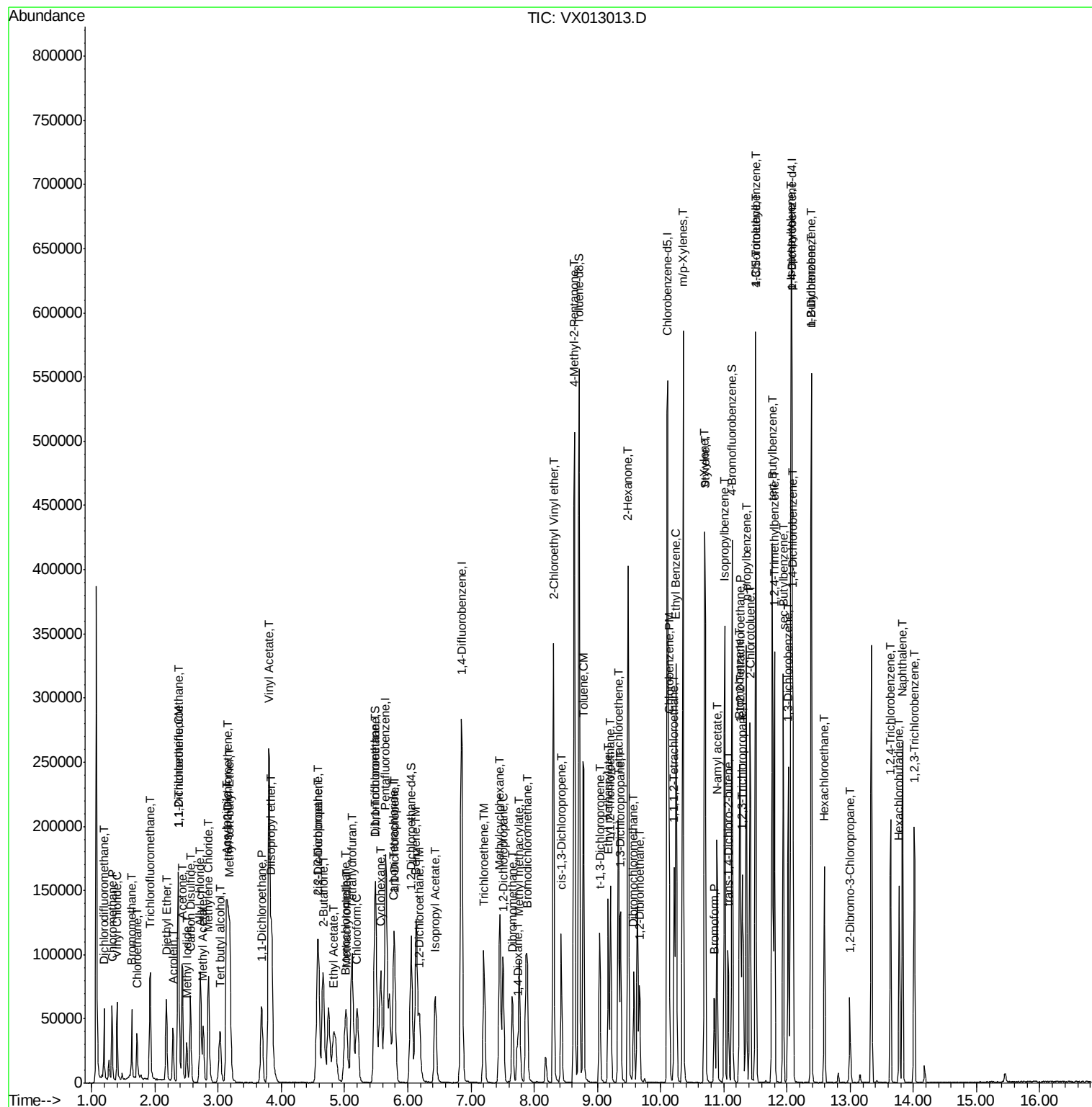
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44883	19.917	ug/l	98
94) Hexachlorobutadiene	13.78	225	21092	20.281	ug/l	98
95) Naphthalene	13.83	128	154937	19.834	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	45593	19.578	ug/l	100

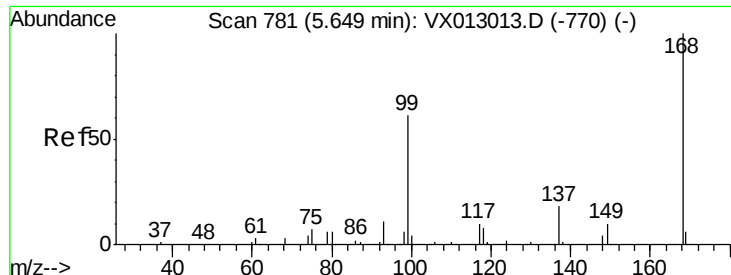
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

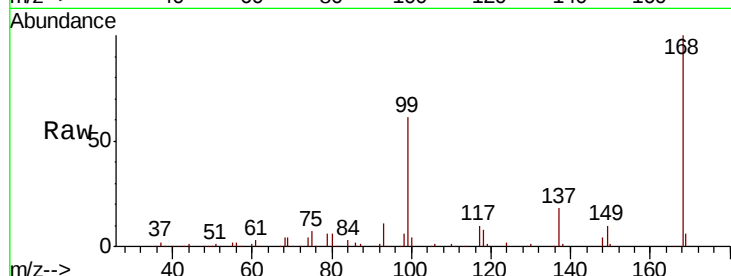
VX1011WBS01

Tot Ion:168 Resp: 167336

Ion Ratio Lower Upper

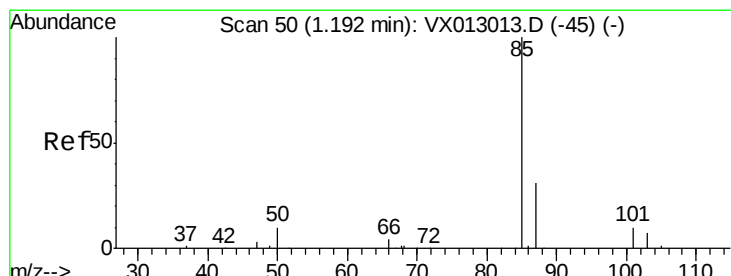
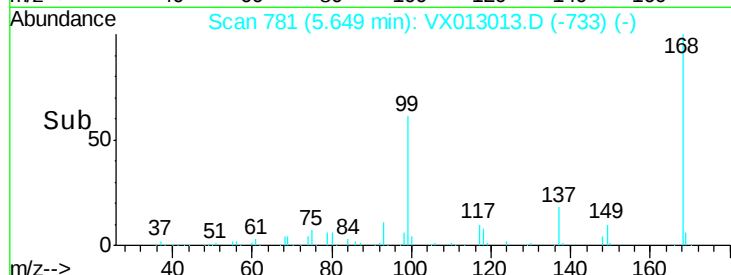
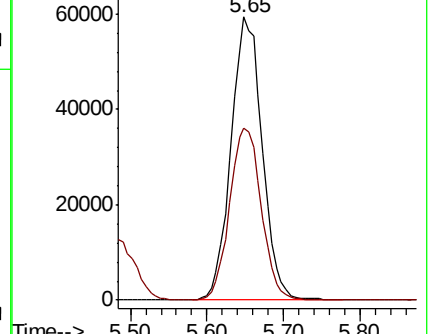
168 100

99 60.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.864 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013013.D

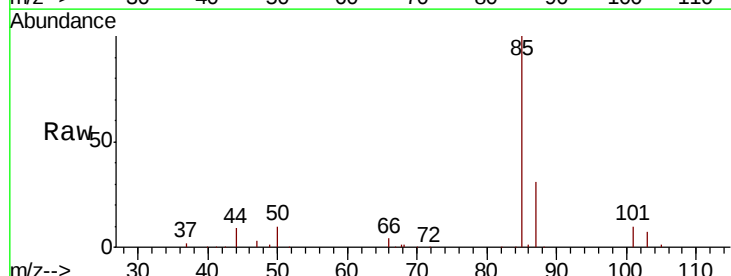
Acq: 11 Oct 2019 14:00

Tgt Ion: 85 Resp: 33881

Ion Ratio Lower Upper

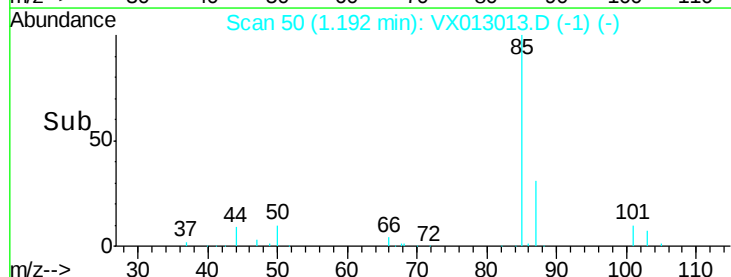
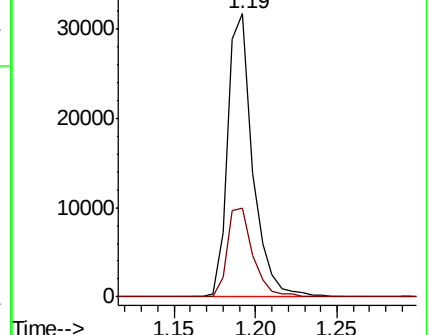
85 100

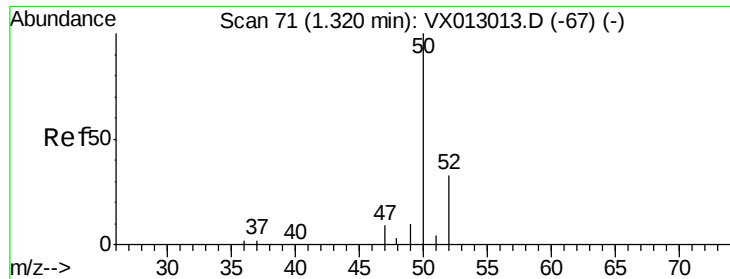
87 31.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

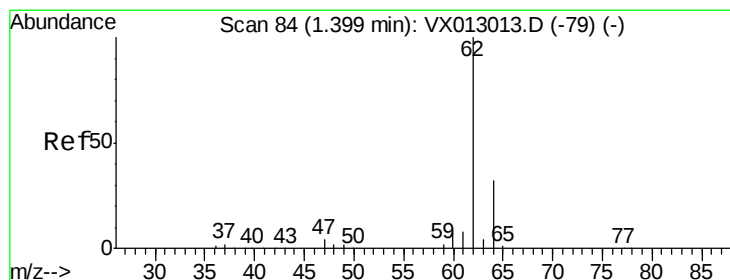
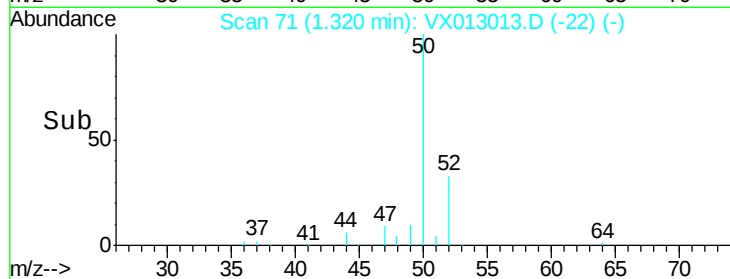
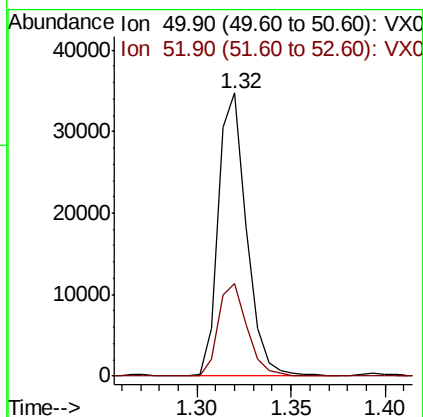
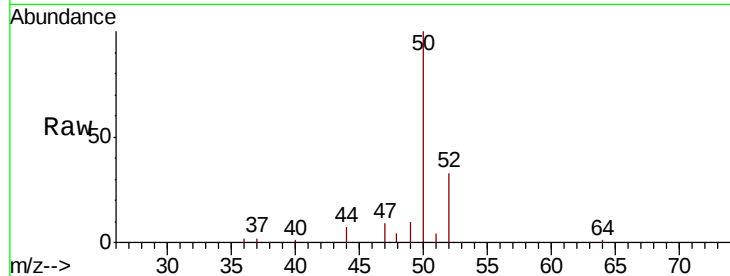




#3
Chloromethane
Concen: 19.504 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

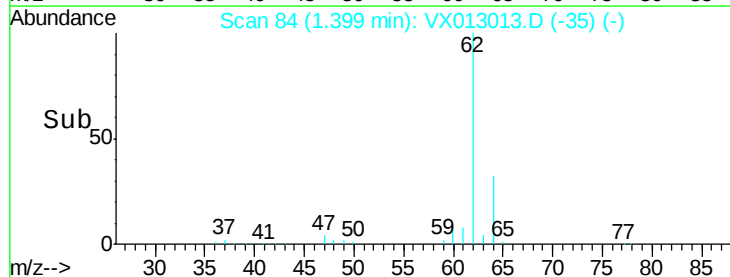
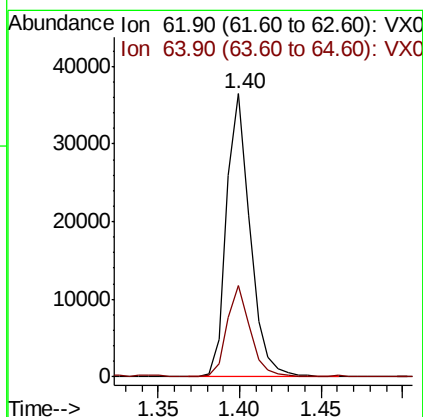
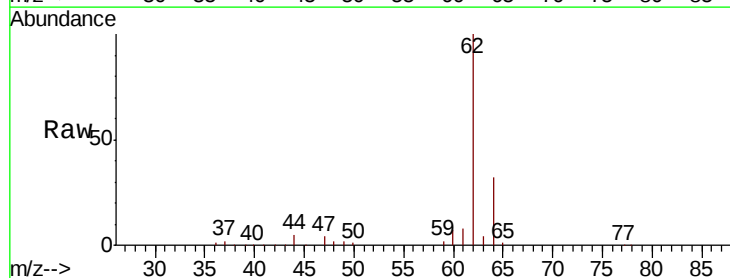
Instrument :
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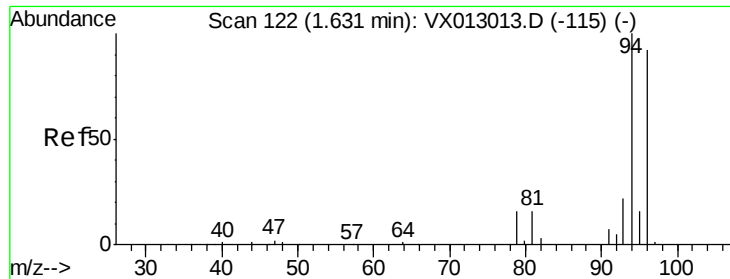
Tot Ion: 50 Resp: 36206
Ion Ratio Lower Upper
50 100
52 32.8 25.2 37.8



#4
Vinyl Chloride
Concen: 19.154 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 62 Resp: 36700
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9





#5

Bromomethane

Concen: 25.110 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

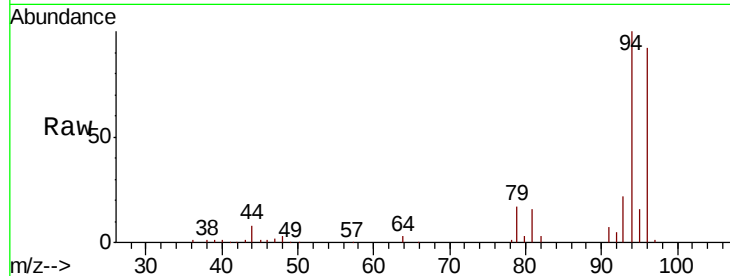
VX1011WBS01

Tot Ion: 94 Resp: 19999

Ion Ratio Lower Upper

94 100

96 91.5 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

20000

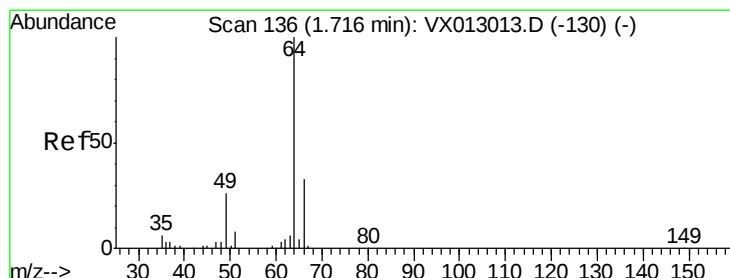
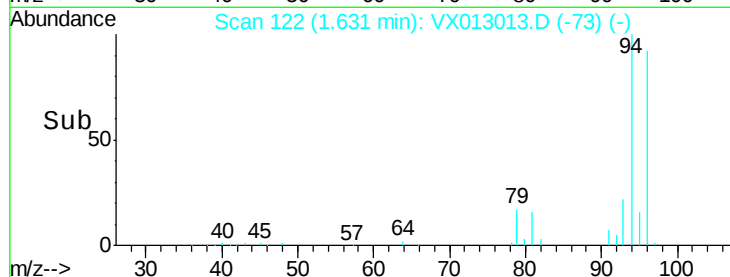
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.810 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013013.D

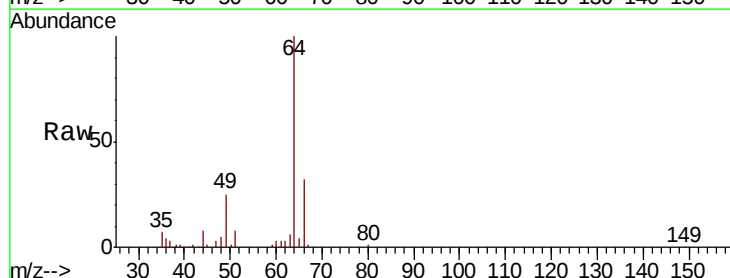
Acq: 11 Oct 2019 14:00

Tgt Ion: 64 Resp: 22923

Ion Ratio Lower Upper

64 100

66 33.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

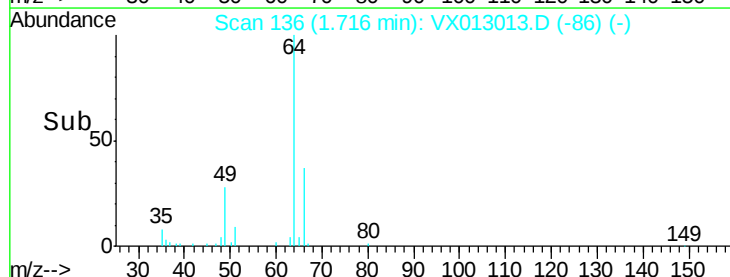
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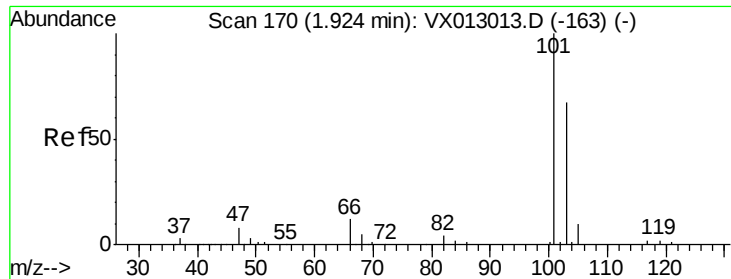
10000

5000

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Time-->



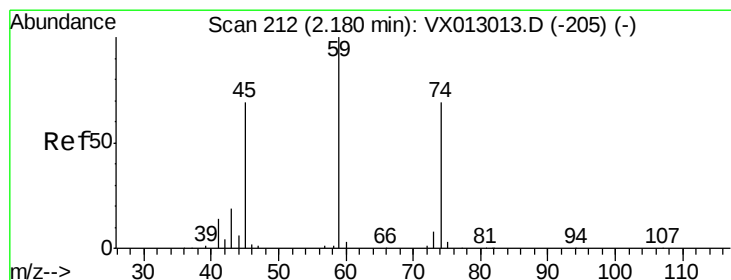
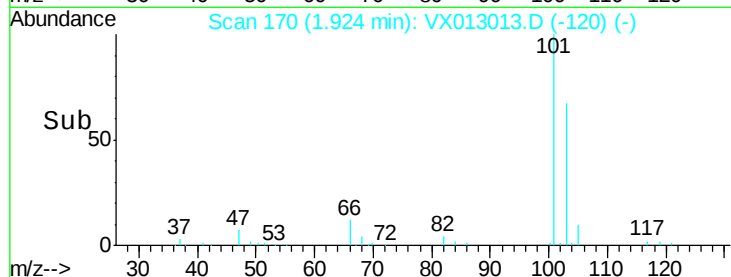
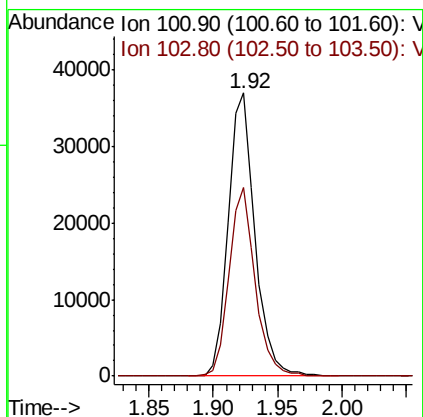
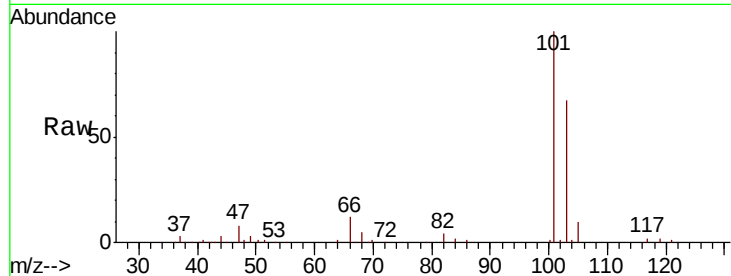


#7

Trichlorofluoromethane
 Concen: 20.741 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Instrument :
 MSVOA_X
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 VX1011WBS01

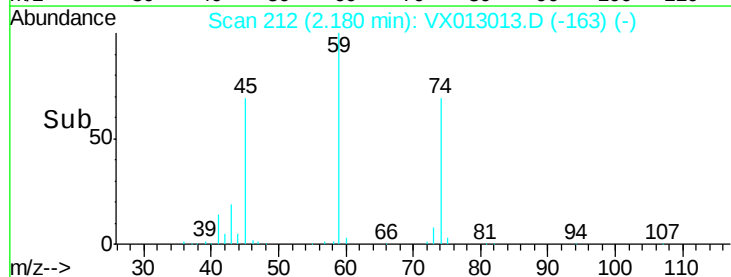
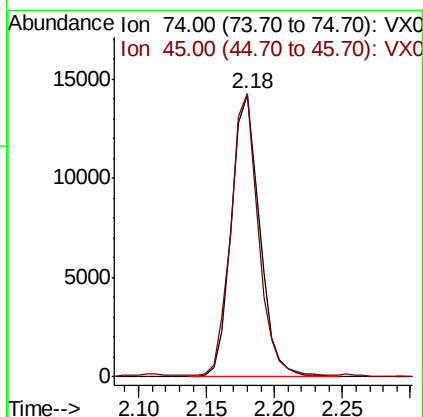
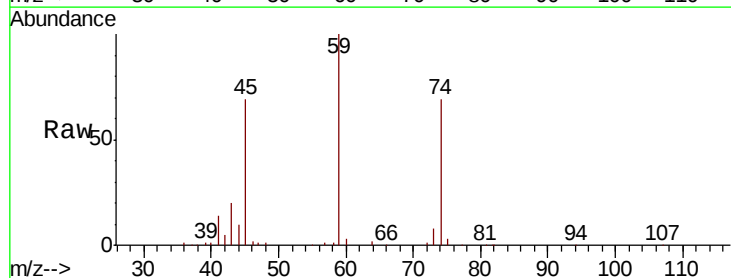
Tot Ion:101 Resp: 53638
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.5 78.7

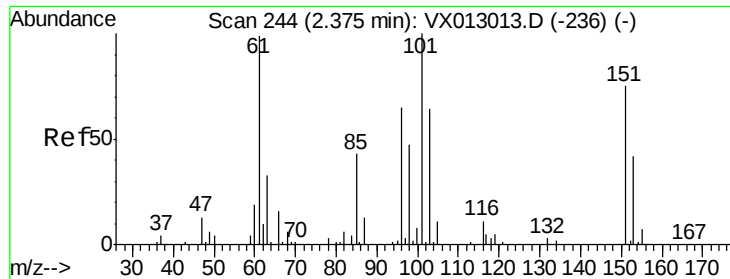


#8

Diethyl Ether
 Concen: 19.725 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion: 74 Resp: 20590
 Ion Ratio Lower Upper
 74 100
 45 96.6 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.162 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

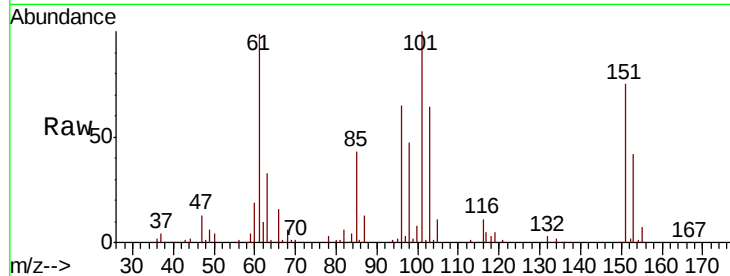
Tot Ion:101 Resp: 35418

Ion Ratio Lower Upper

101 100

85 43.2 35.2 52.8

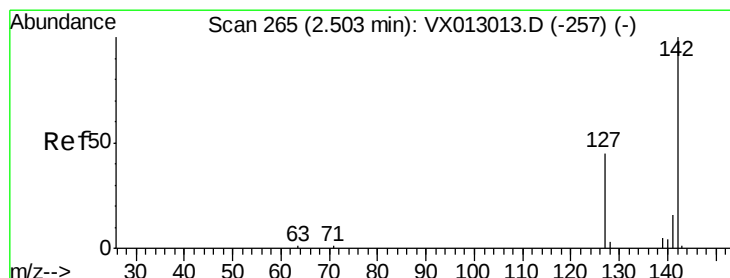
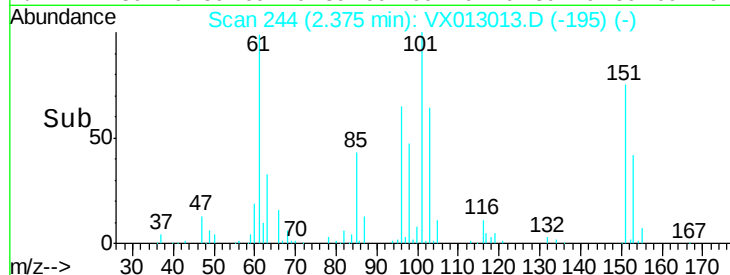
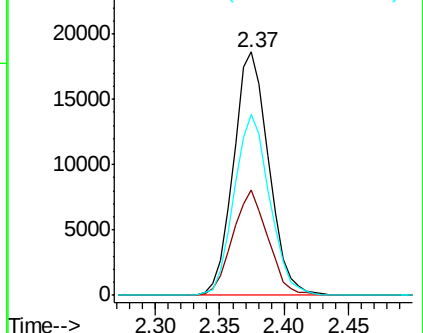
151 74.8 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.742 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

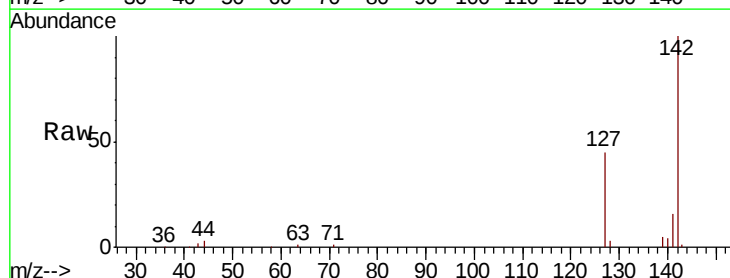
Tgt Ion:142 Resp: 30942

Ion Ratio Lower Upper

142 100

127 43.7 34.9 52.3

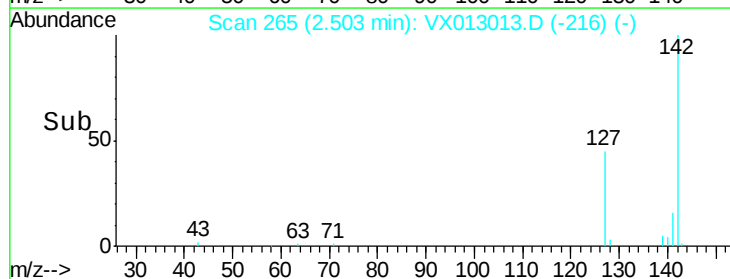
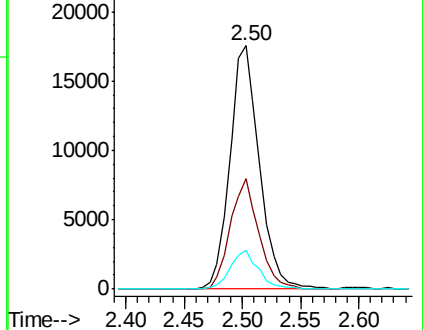
141 14.9 11.6 17.4

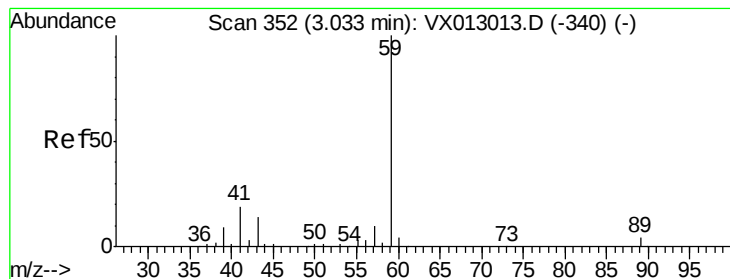


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



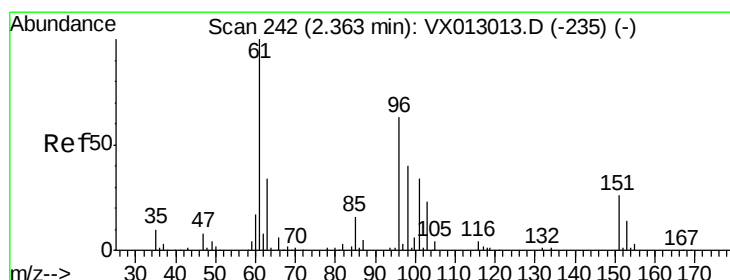
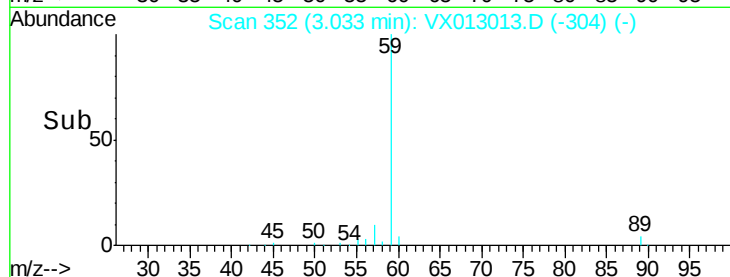
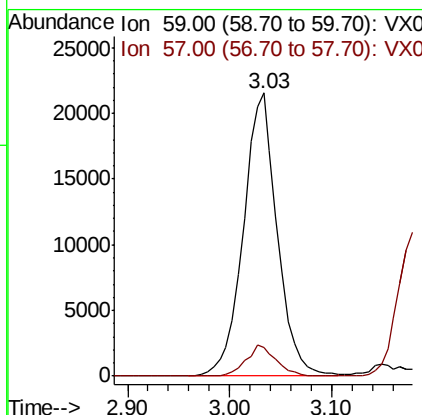
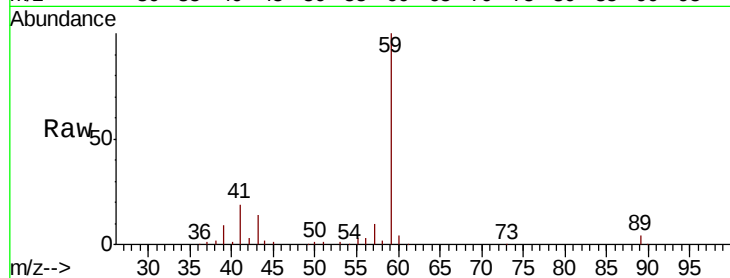


#11

Tert butyl alcohol
 Concen: 89.612 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

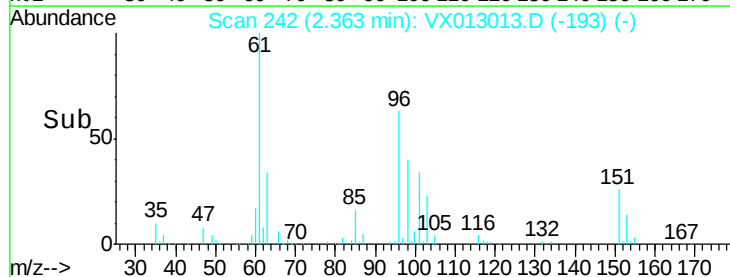
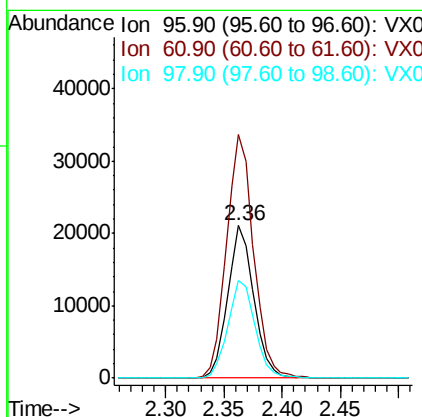
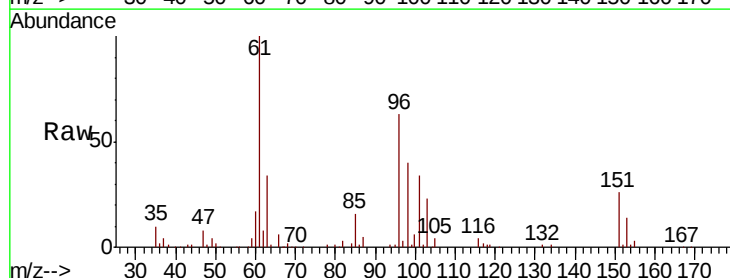
Tot Ion: 59 Resp: 49684
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5

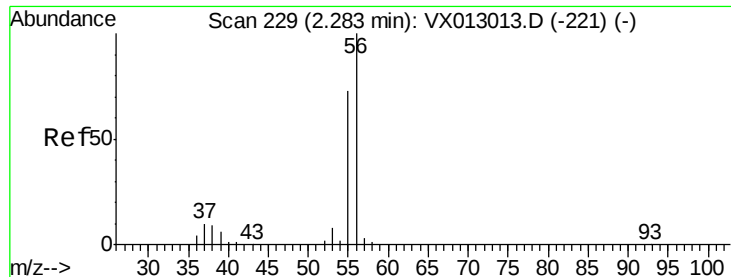


#12

1,1-Dichloroethene
 Concen: 19.469 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion: 96 Resp: 32922
 Ion Ratio Lower Upper
 96 100
 61 159.5 132.2 198.4
 98 63.8 50.5 75.7





#13

Acrolein

Concen: 72.561 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

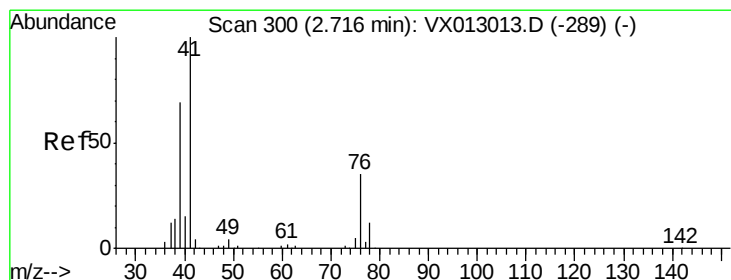
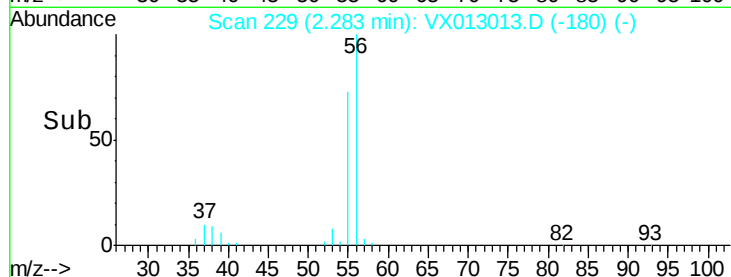
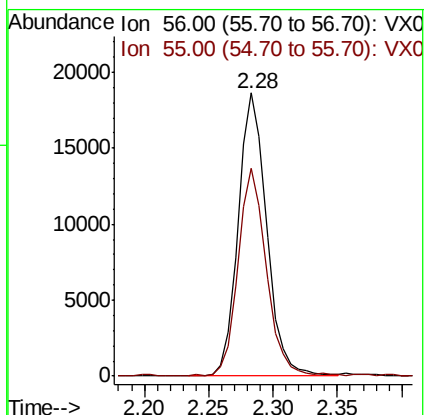
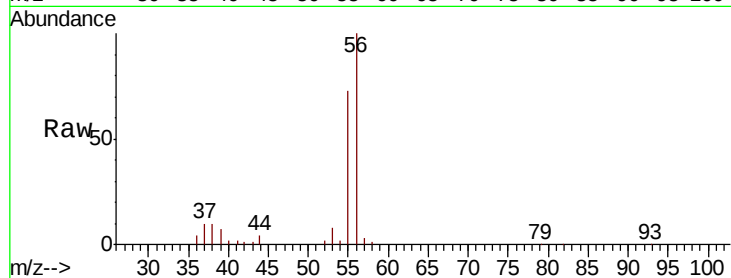
VX1011WBS01

Tot Ion: 56 Resp: 28590

Ion Ratio Lower Upper

56 100

55 73.3 56.6 85.0



#14

Allyl chloride

Concen: 19.499 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

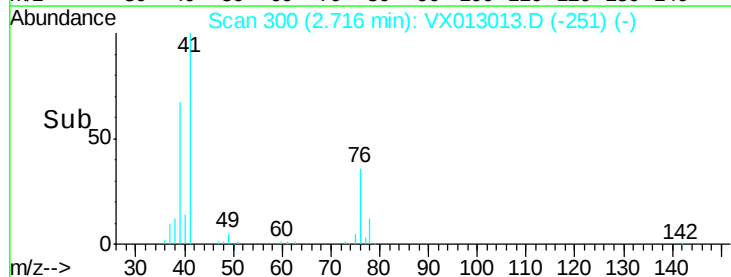
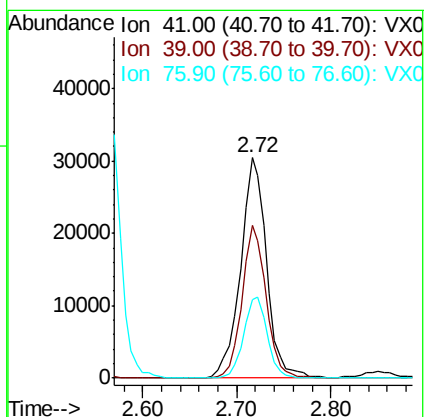
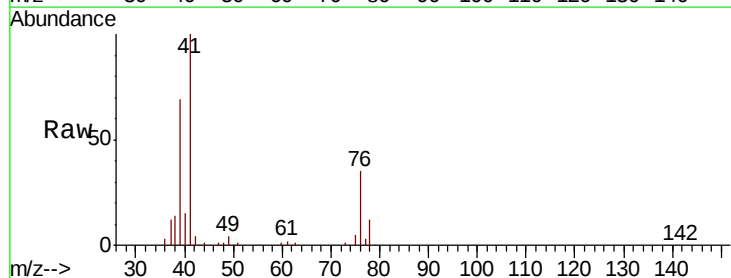
Tgt Ion: 41 Resp: 58719

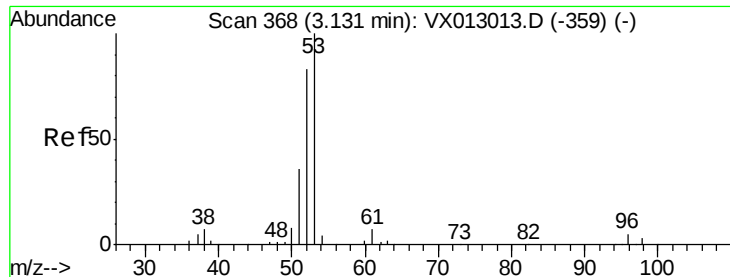
Ion Ratio Lower Upper

41 100

39 64.2 51.0 76.6

76 33.6 26.2 39.4





#15

Acrylonitrile

Concen: 102.374 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

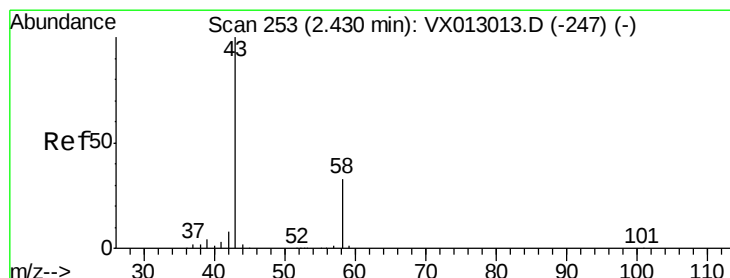
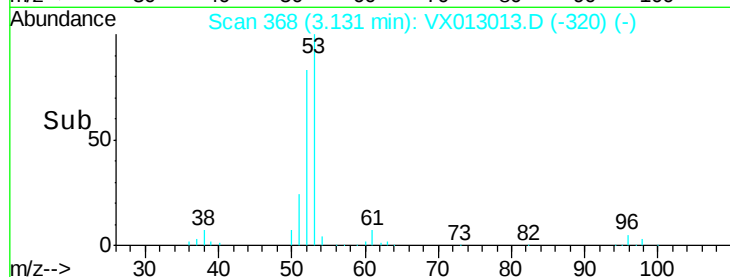
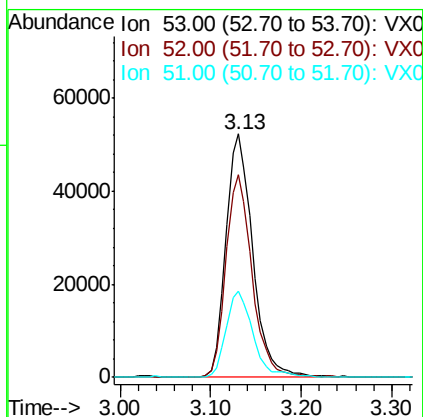
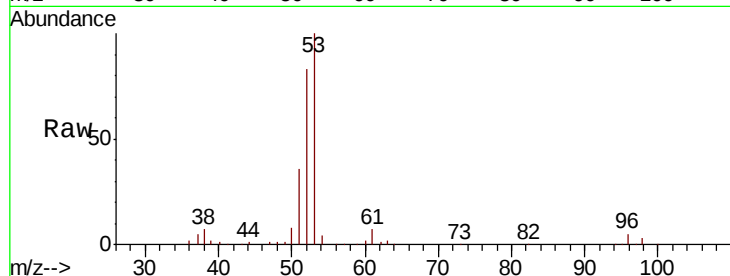
Tot Ion: 53 Resp: 107564

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

51 35.9 28.2 42.4



#16

Acetone

Concen: 85.973 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013013.D

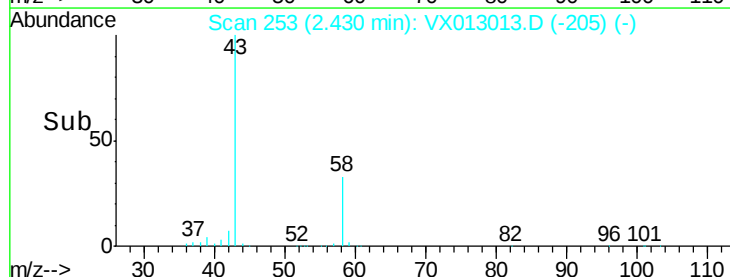
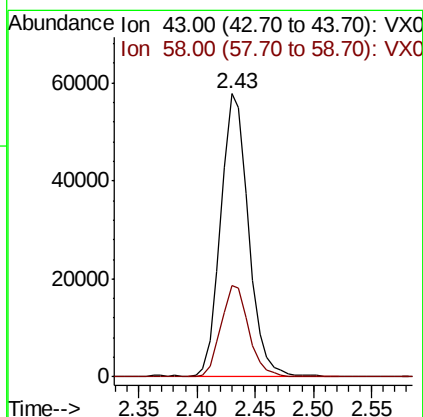
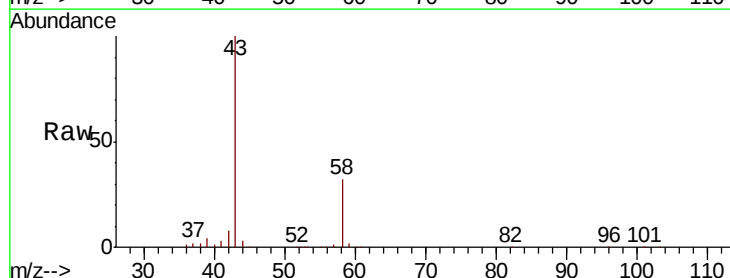
Acq: 11 Oct 2019 14:00

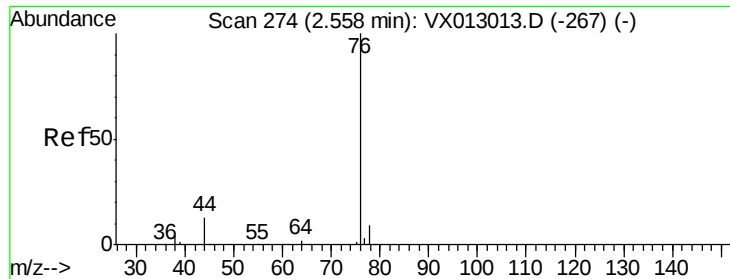
Tgt Ion: 43 Resp: 94778

Ion Ratio Lower Upper

43 100

58 32.5 25.4 38.2

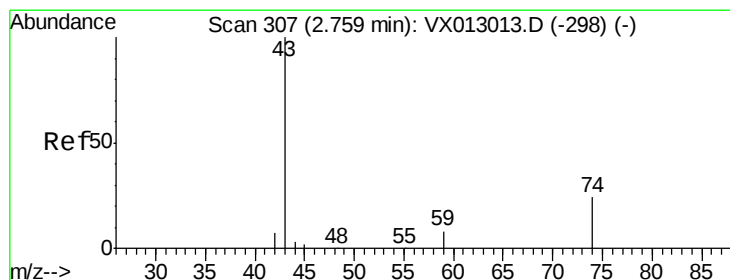
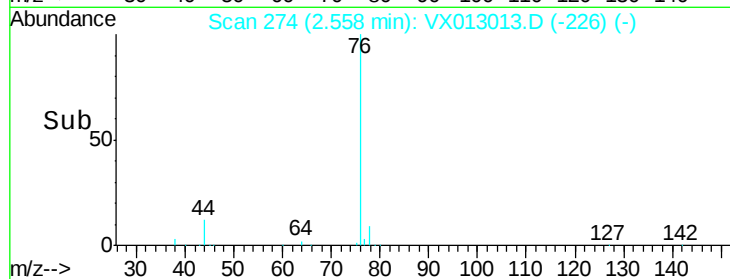
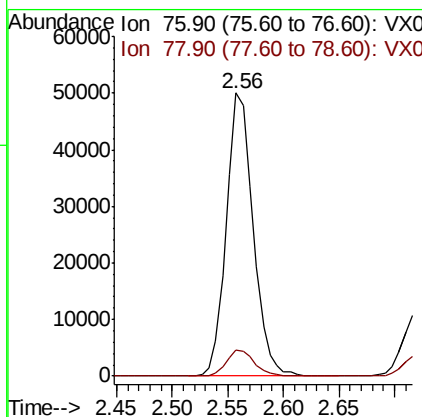
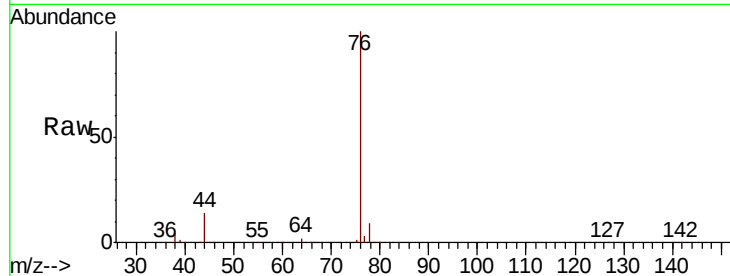




#17
Carbon Disulfide
Concen: 17.334 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

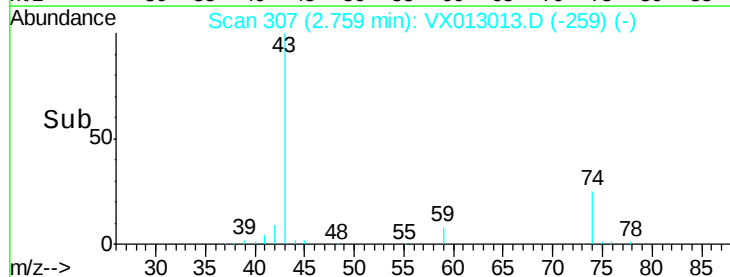
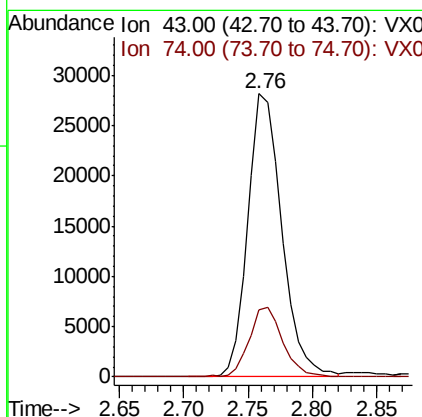
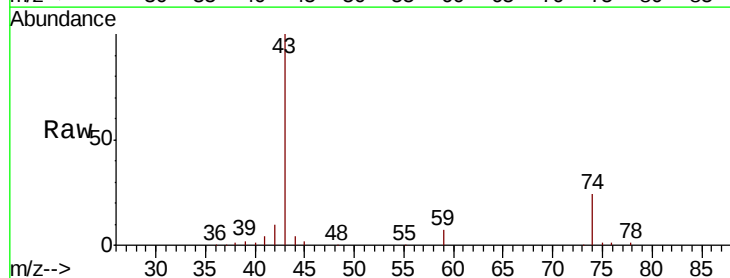
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

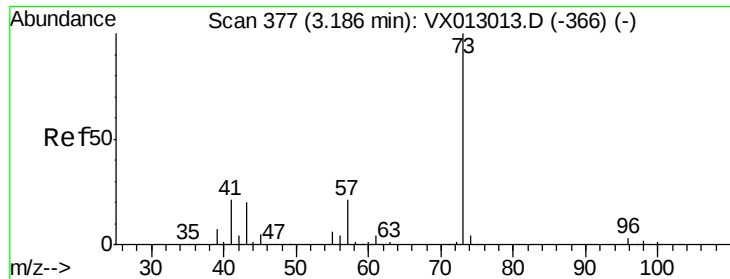
Tot Ion: 76 Resp: 83582
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 19.635 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 43 Resp: 51306
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8

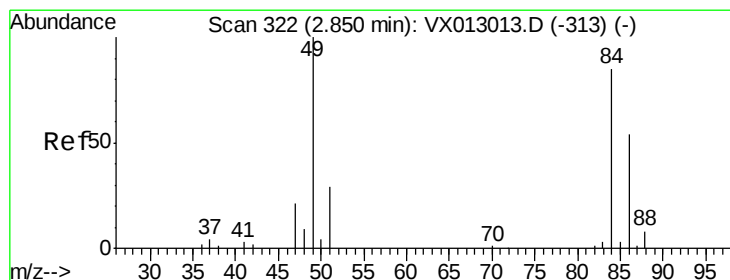
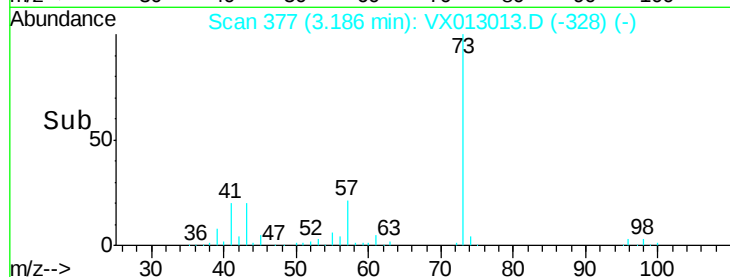
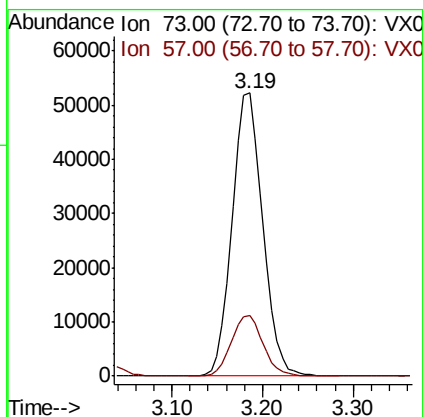
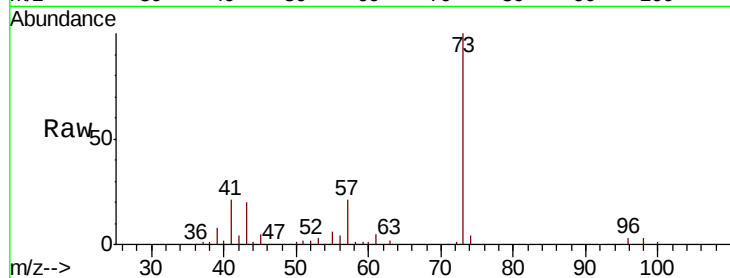




#19
Methyl tert-butyl Ether
Concen: 20.971 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

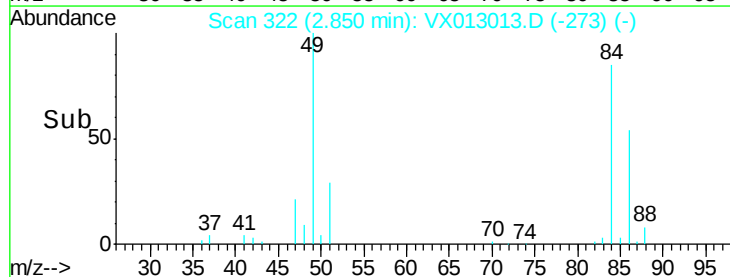
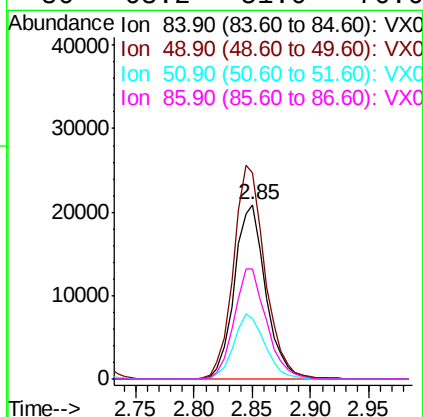
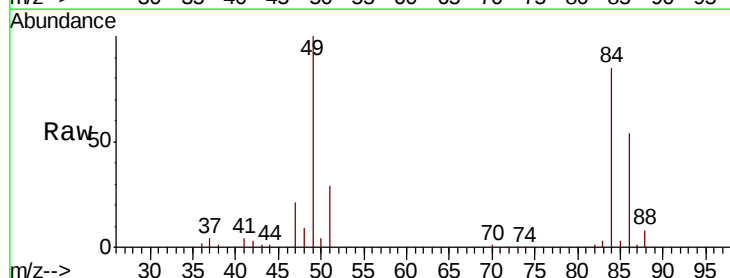
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

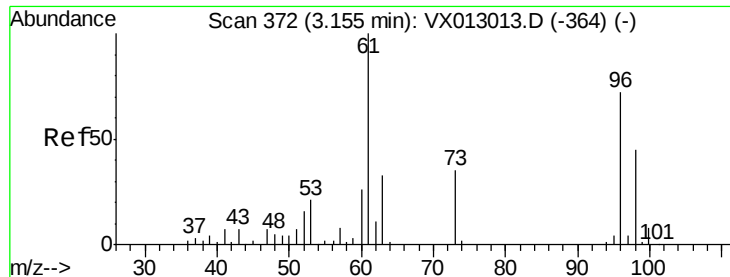
Tot Ion: 73 Resp: 122461
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.6



#20
Methylene Chloride
Concen: 19.381 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 84 Resp: 39267
Ion Ratio Lower Upper
84 100
49 117.9 96.6 144.8
51 34.2 30.7 46.1
86 63.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.445 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

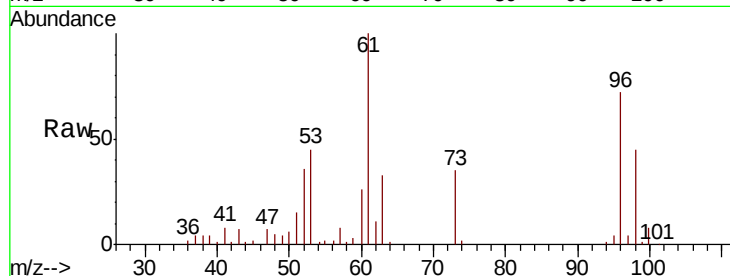
Tot Ion: 96 Resp: 37055

Ion Ratio Lower Upper

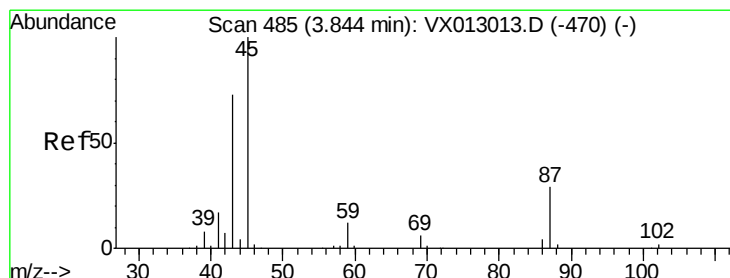
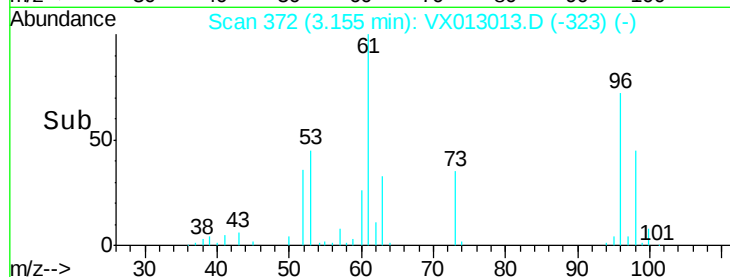
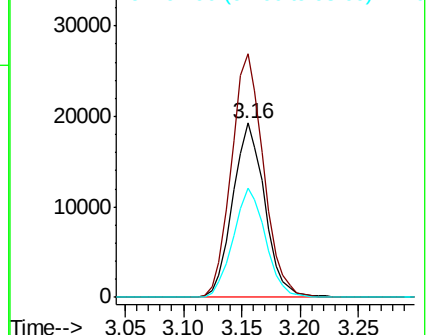
96 100

61 139.9 110.4 165.6

98 62.4 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.392 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Tgt Ion: 45 Resp: 123446

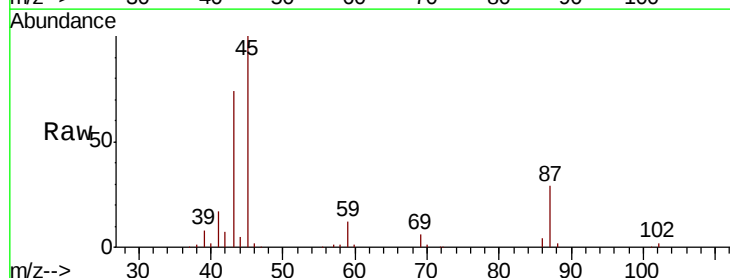
Ion Ratio Lower Upper

45 100

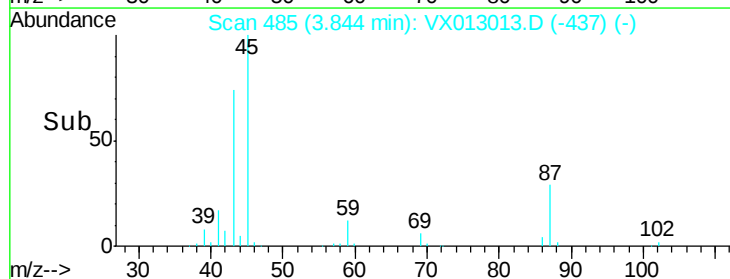
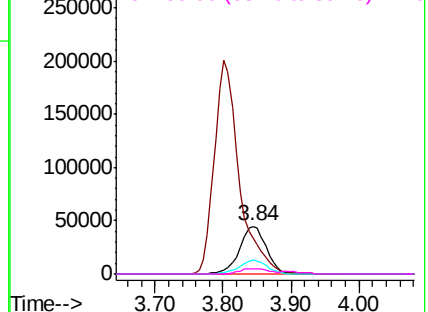
43 73.1 51.4 77.0

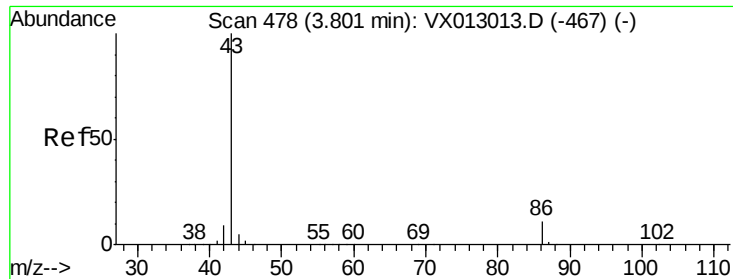
87 28.8 22.5 33.7

59 12.0 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.668 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

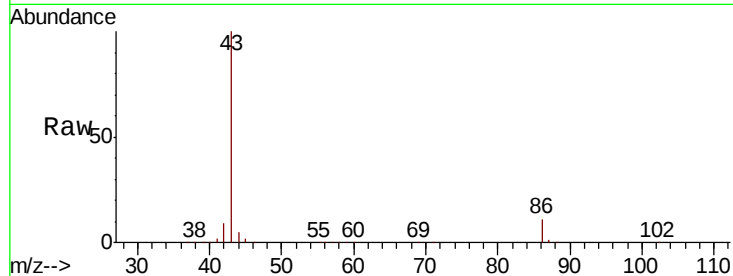
VX1011WBS01

Tot Ion: 43 Resp: 511443

Ion Ratio Lower Upper

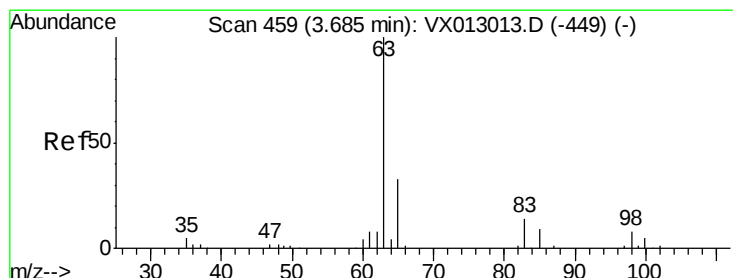
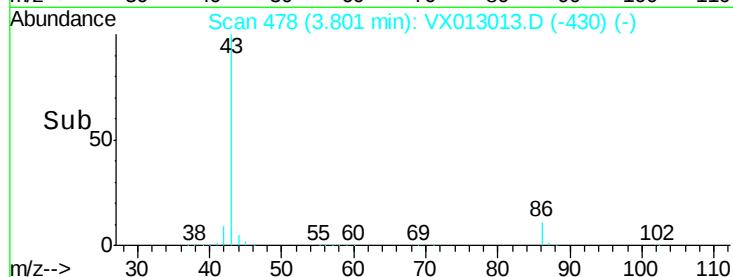
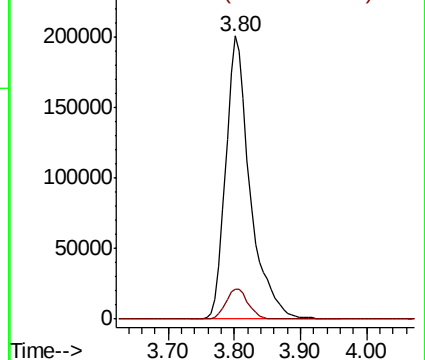
43 100

86 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.092 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

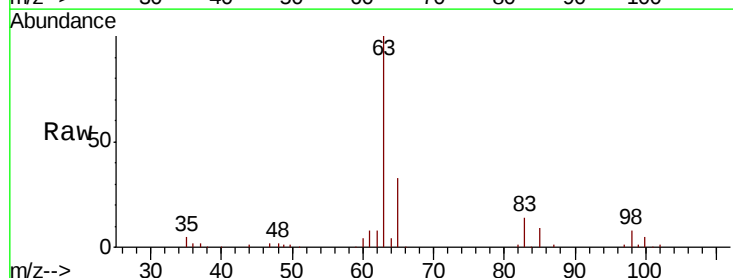
Tgt Ion: 63 Resp: 68472

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

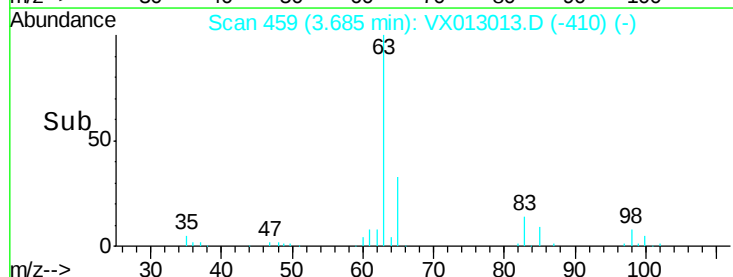
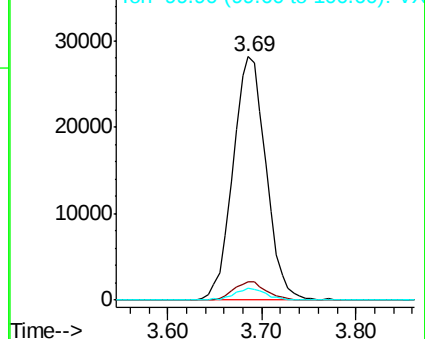
100 4.7 2.3 6.9

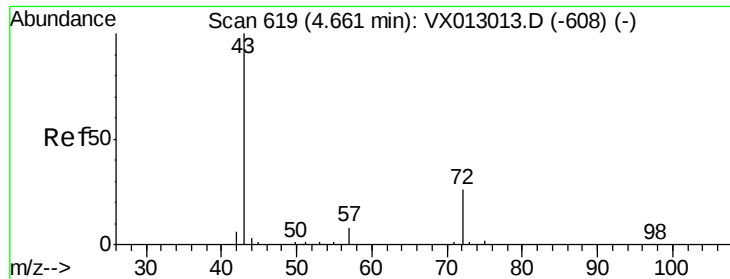


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.354 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

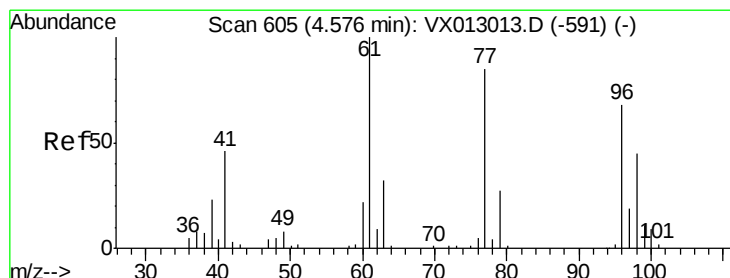
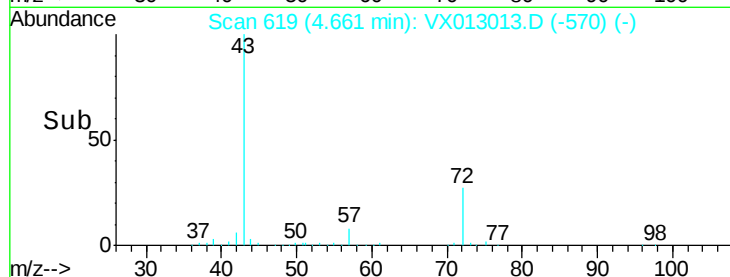
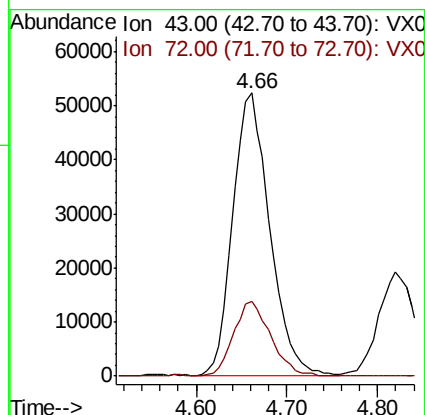
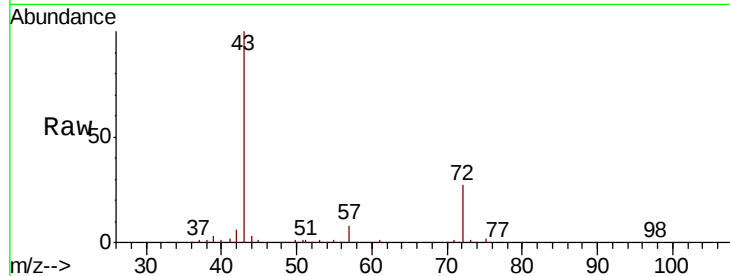
VX1011WBS01

Tot Ion: 43 Resp: 147370

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.301 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX013013.D

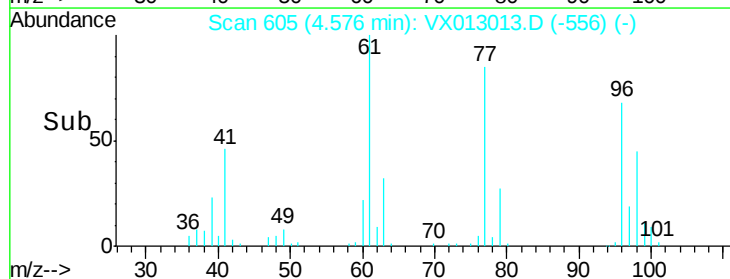
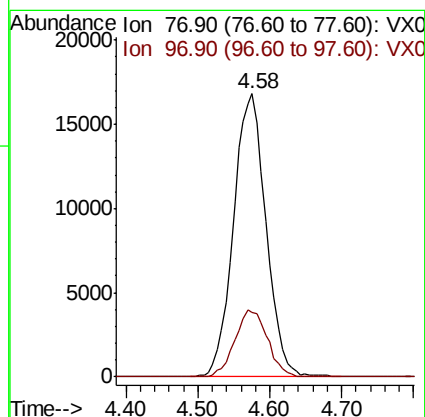
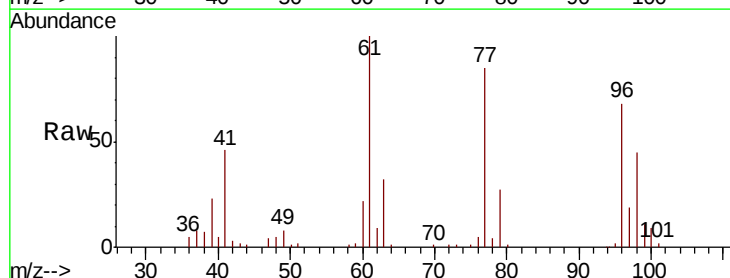
Acq: 11 Oct 2019 14:00

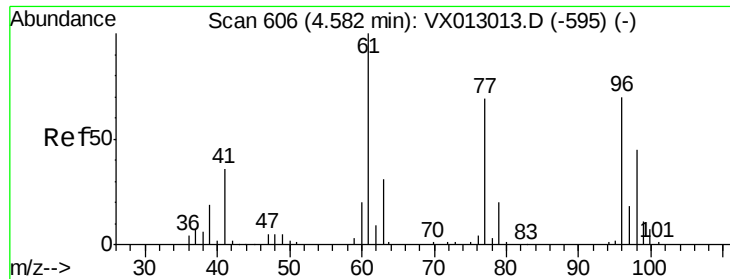
Tgt Ion: 77 Resp: 52690

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.9



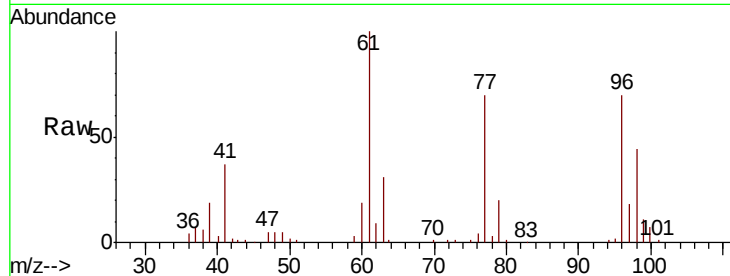


#27

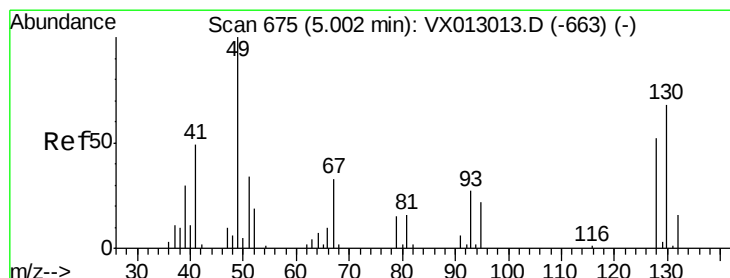
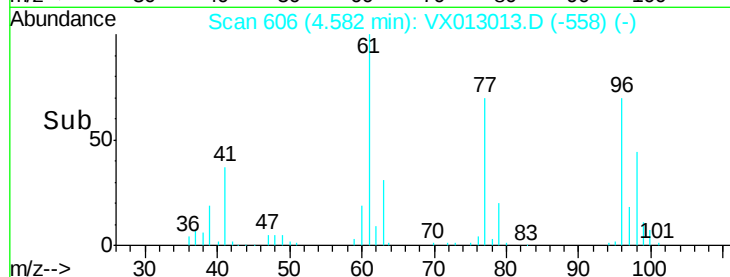
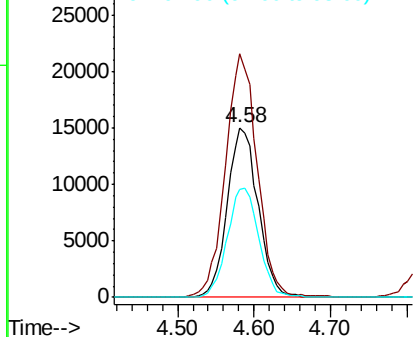
cis-1,2-Dichloroethene
Concen: 20.002 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tot Ion: 96 Resp: 41787
Ion Ratio Lower Upper
96 100
61 148.6 0.0 290.6
98 65.9 0.0 128.8



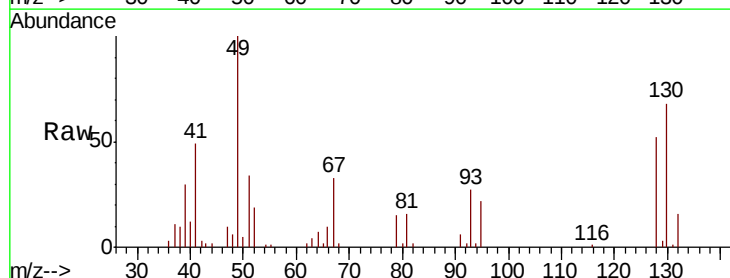
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



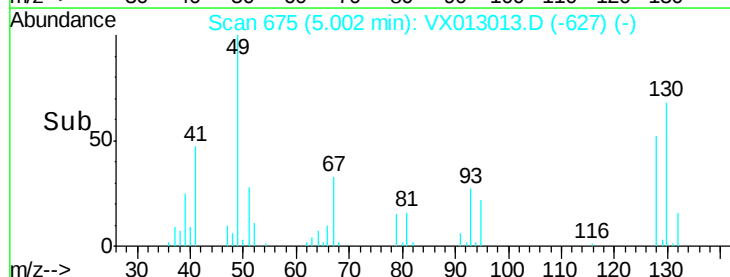
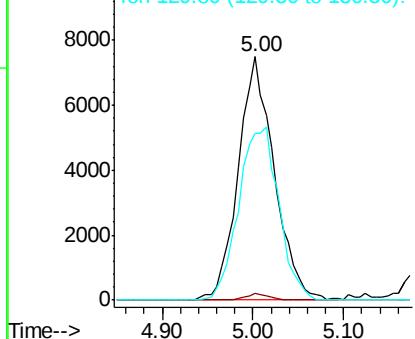
#28

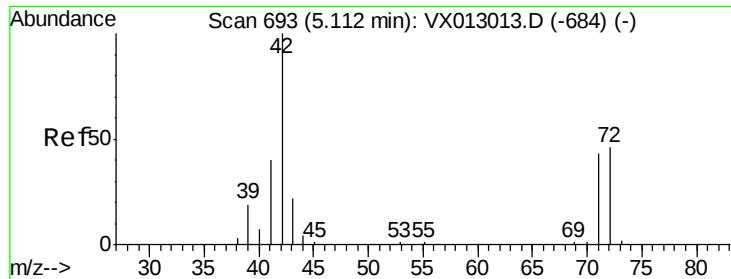
Bromochloromethane
Concen: 21.093 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 49 Resp: 20715
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.2
130 78.1 62.1 93.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

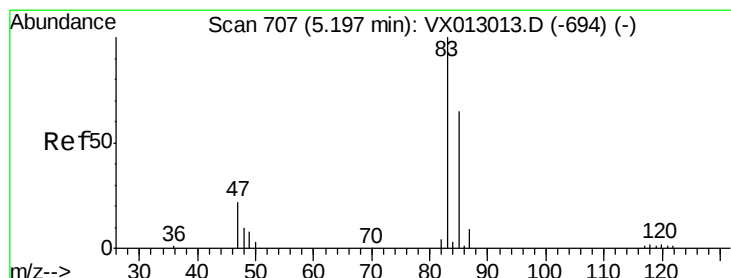
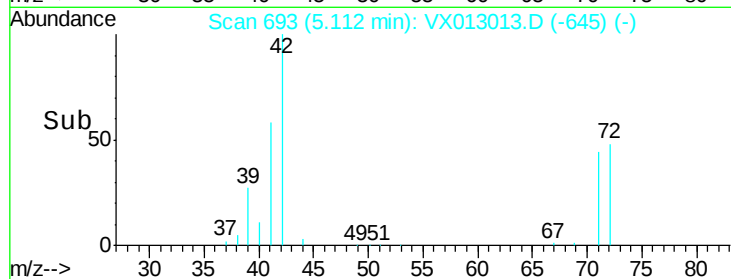
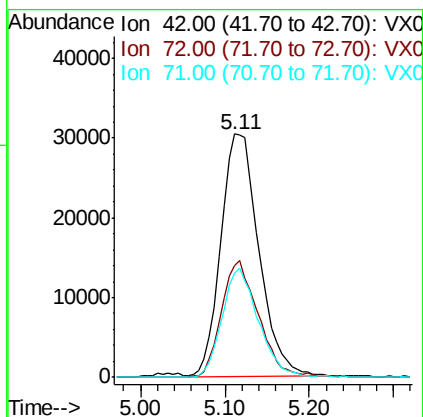
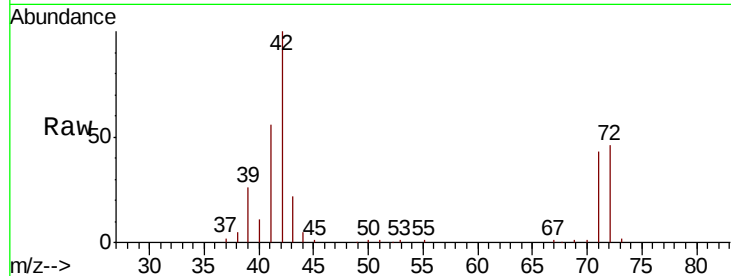




#29
Tetrahydrofuran
Concen: 99.854 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

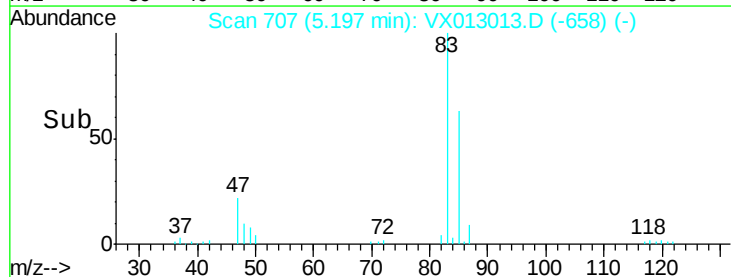
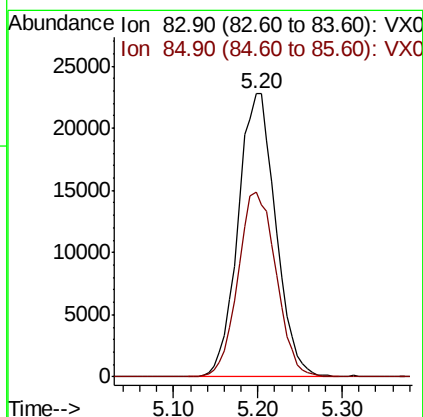
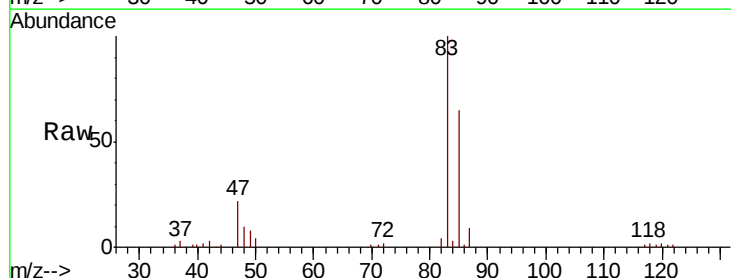
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

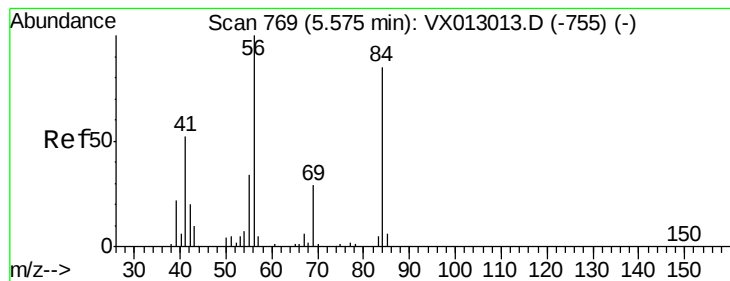
Tot Ion: 42 Resp: 93980
Ion Ratio Lower Upper
42 100
72 47.0 36.9 55.3
71 43.0 33.5 50.3



#30
Chloroform
Concen: 20.685 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 83 Resp: 68904
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3





#31

Cyclohexane

Concen: 20.303 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

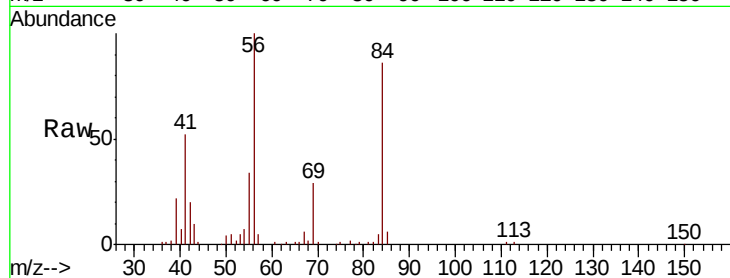
Tot Ion: 56 Resp: 61632

Ion Ratio Lower Upper

56 100

69 28.8 25.2 37.8

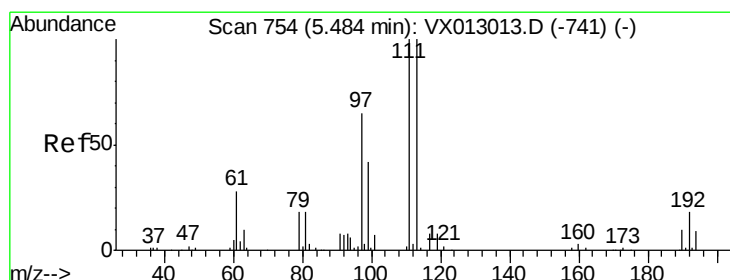
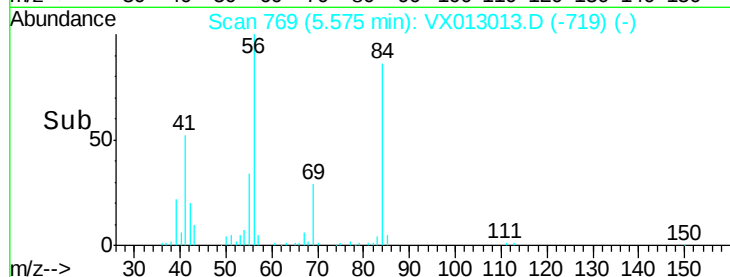
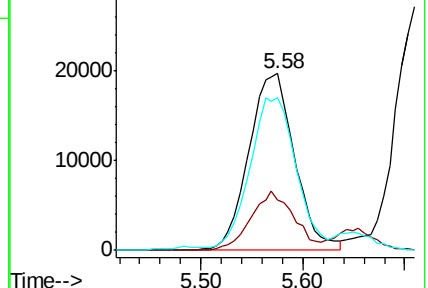
84 85.0 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.737 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

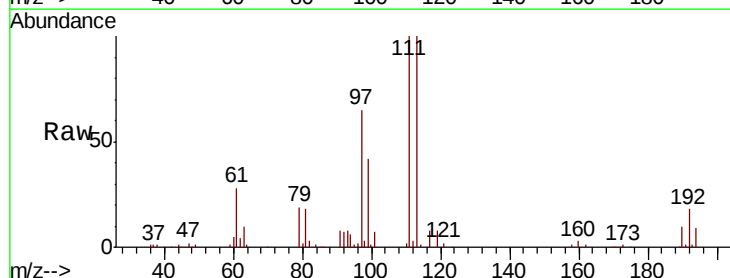
Tgt Ion: 97 Resp: 58529

Ion Ratio Lower Upper

97 100

99 64.4 52.3 78.5

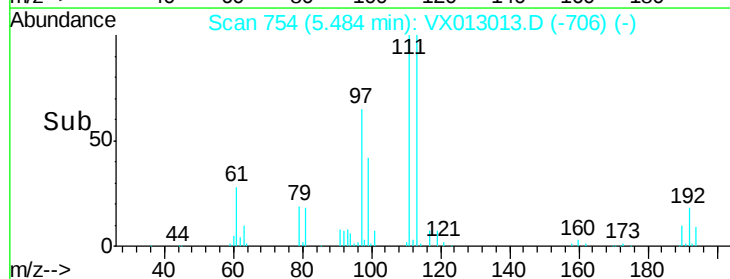
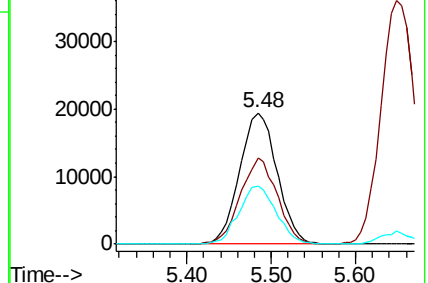
61 44.0 35.0 52.4

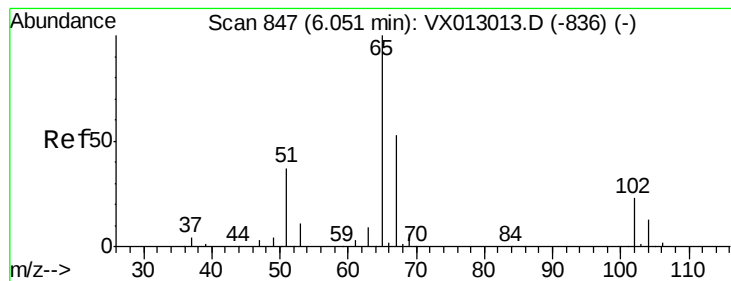


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.311 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

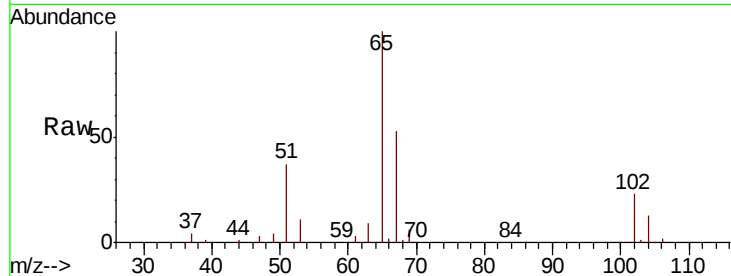
VX1011WBS01

Tot Ion: 65 Resp: 107317

Ion Ratio Lower Upper

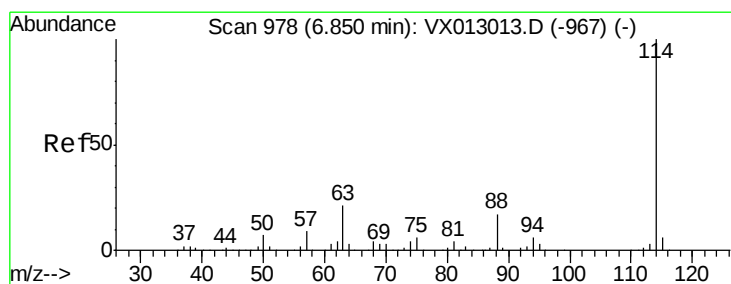
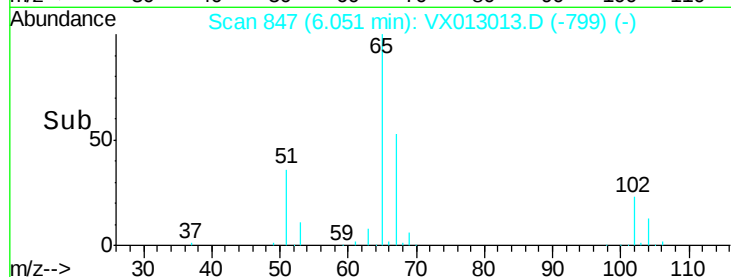
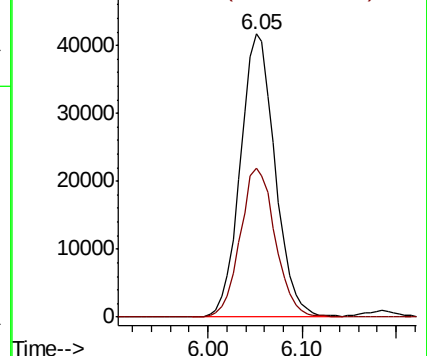
65 100

67 53.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

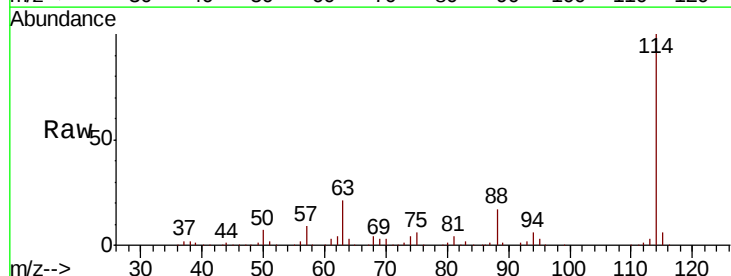
Tgt Ion: 114 Resp: 283751

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

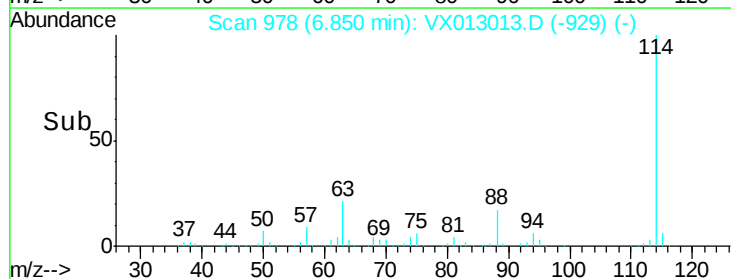
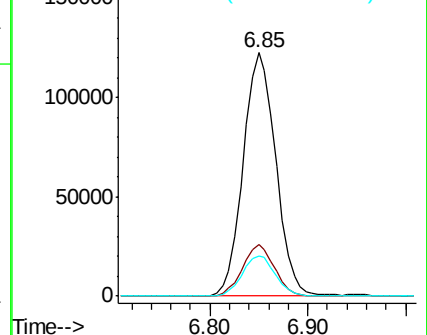
88 16.5 0.0 33.8

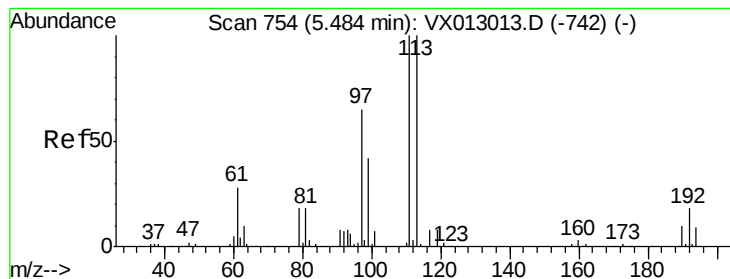


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.115 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

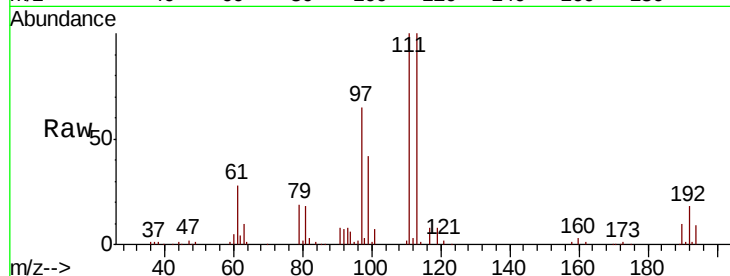
Tot Ion:113 Resp: 84873

Ion Ratio Lower Upper

113 100

111 103.6 83.2 124.8

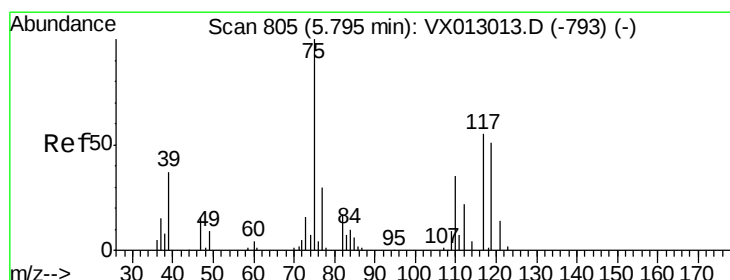
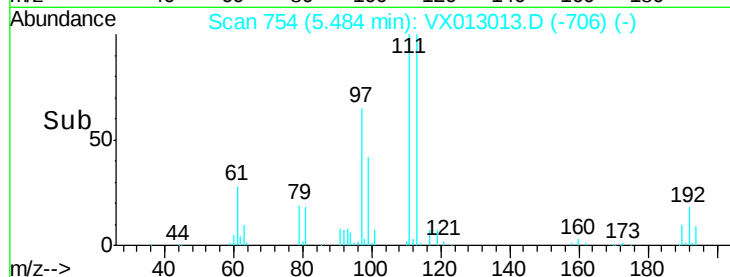
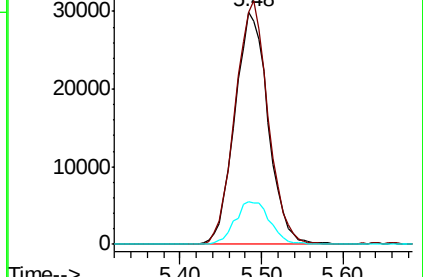
192 19.2 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.263 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

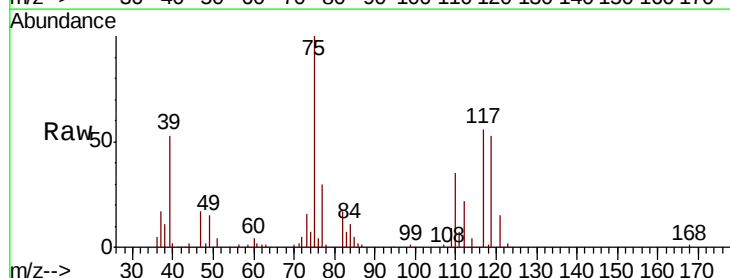
Tgt Ion: 75 Resp: 50552

Ion Ratio Lower Upper

75 100

110 36.8 17.6 52.9

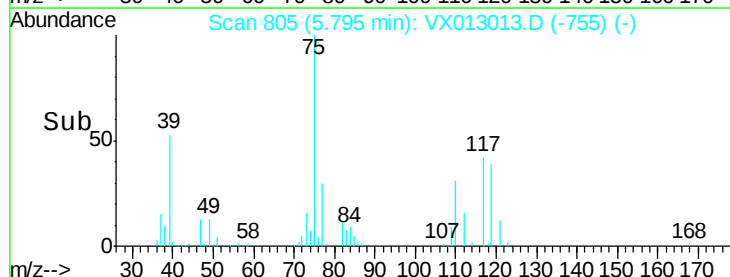
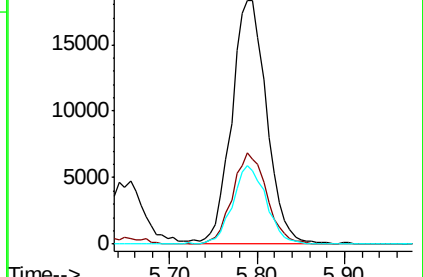
77 30.9 24.4 36.6

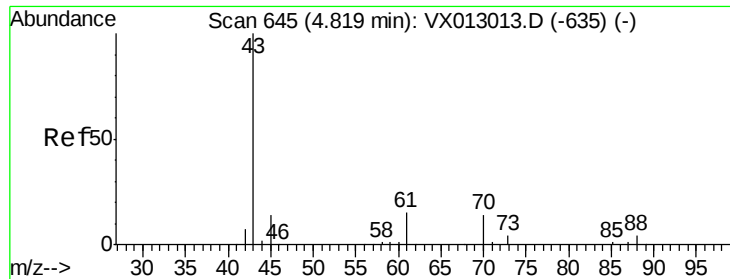


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

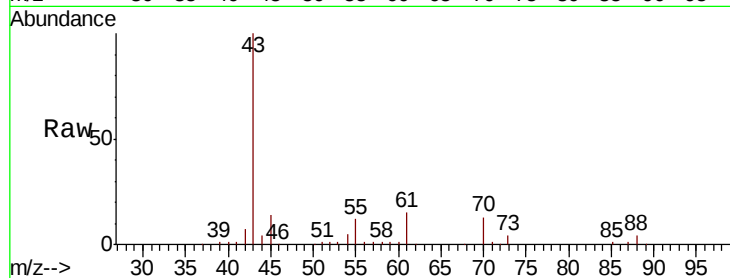




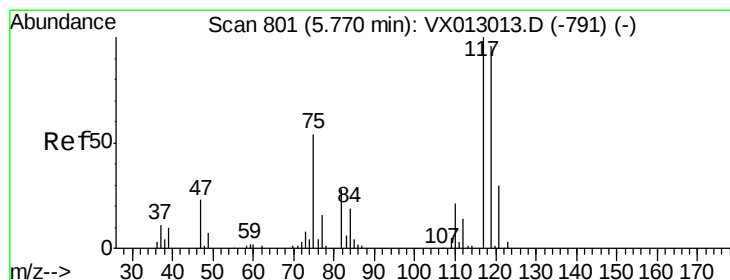
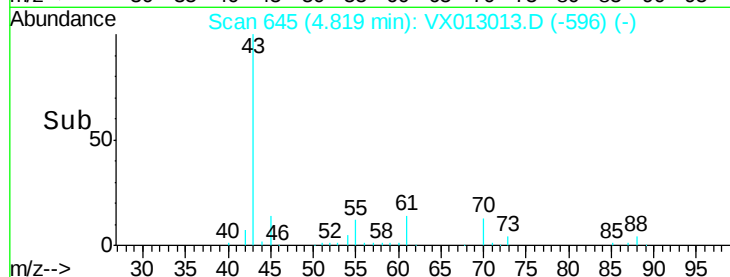
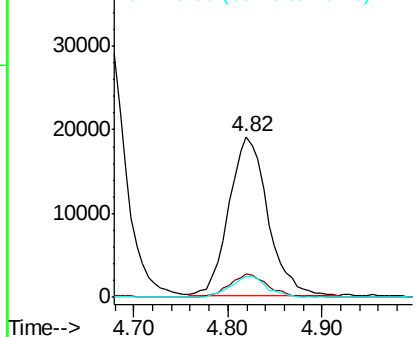
#37
Ethyl Acetate
Concen: 19.538 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tot Ion: 43 Resp: 54503
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.0
70 12.8 9.8 14.6

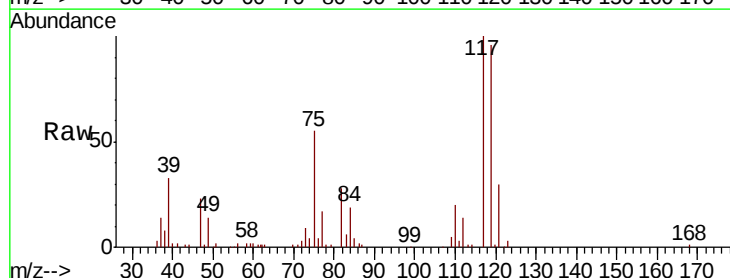


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

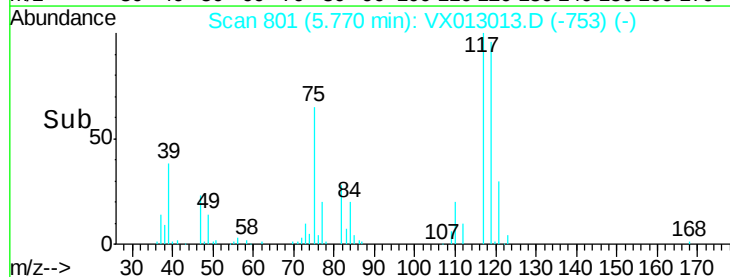
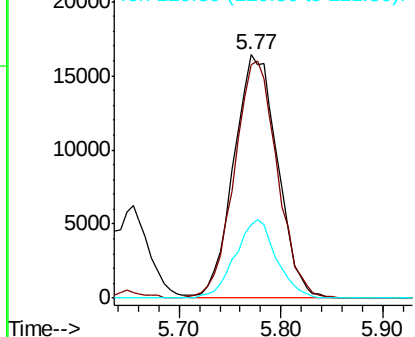


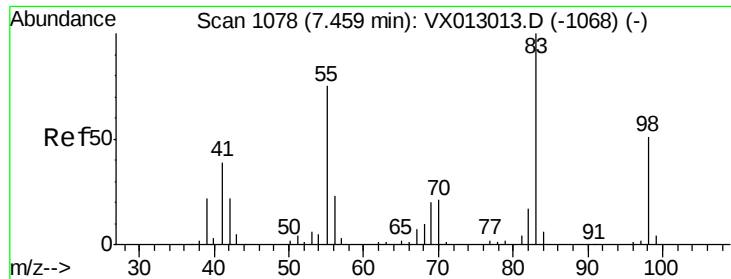
#38
Carbon Tetrachloride
Concen: 20.114 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 117 Resp: 48841
Ion Ratio Lower Upper
117 100
119 95.5 74.5 111.7
121 29.9 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

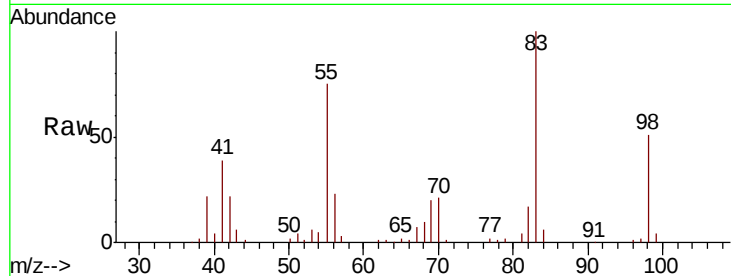




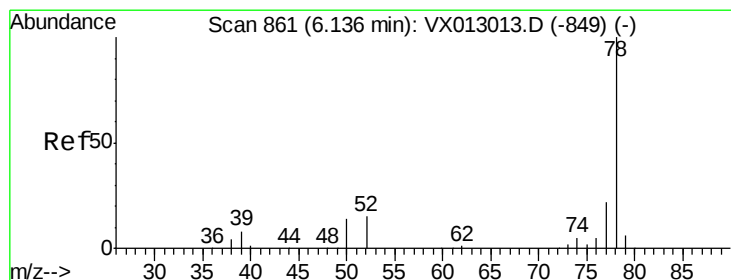
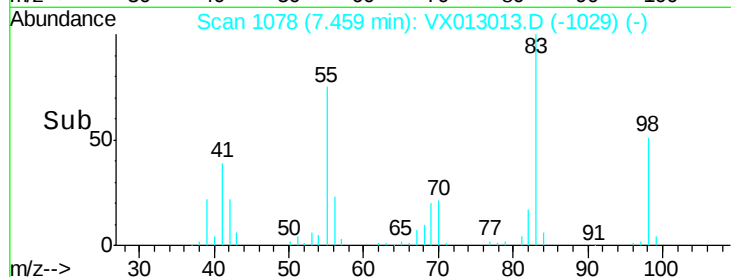
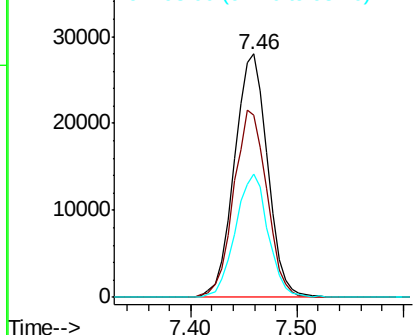
#39
Methvlcvclohexane
Concen: 20.221 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tot Ion: 83 Resp: 61179
Ion Ratio Lower Upper
83 100
55 74.6 60.2 90.4
98 50.5 38.5 57.7

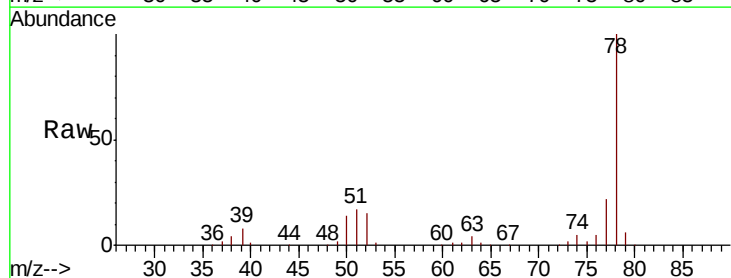


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

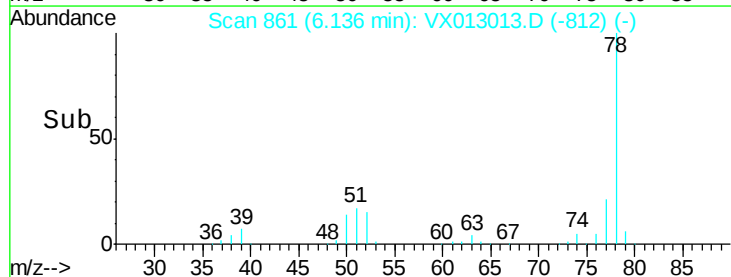
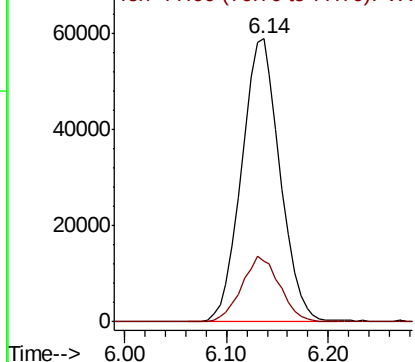


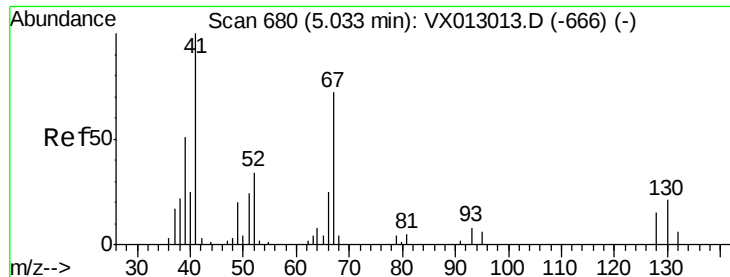
#40
Benzene
Concen: 20.908 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 78 Resp: 154057
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.954 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampled :

VX1011WBS01

Tot Ion: 41 Resp: 30587

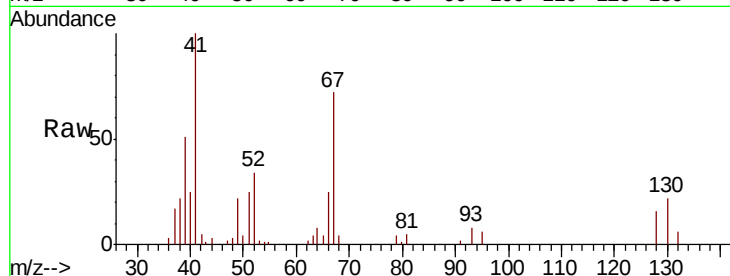
Ion Ratio Lower Upper

41 100

39 54.0 44.0 66.0

67 74.4 58.5 87.7

52 31.1 23.8 35.8

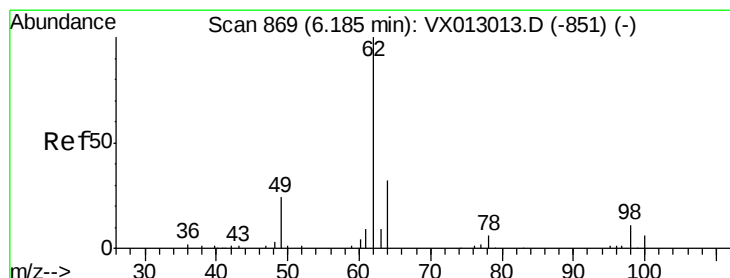
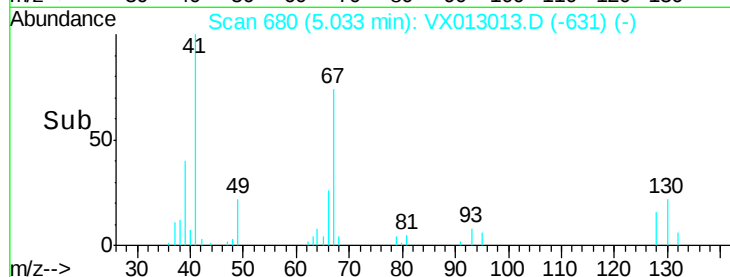
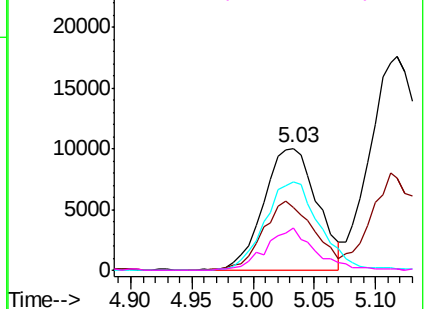


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.089 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013013.D

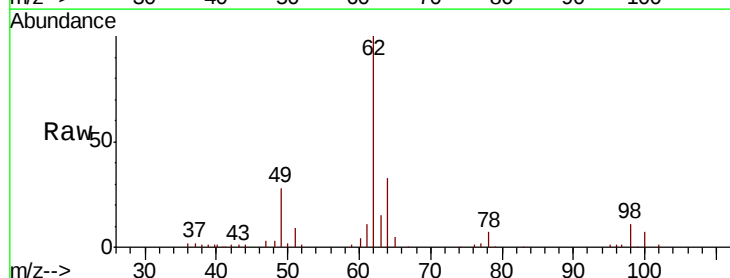
Acq: 11 Oct 2019 14:00

Tgt Ion: 62 Resp: 55759

Ion Ratio Lower Upper

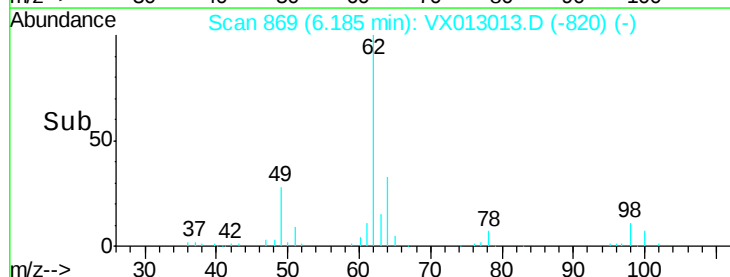
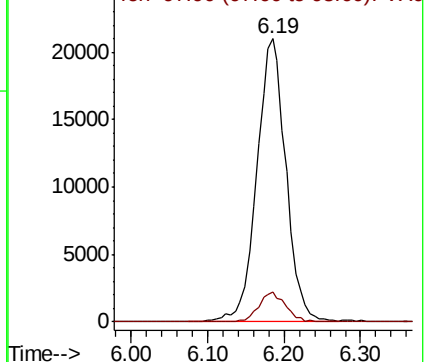
62 100

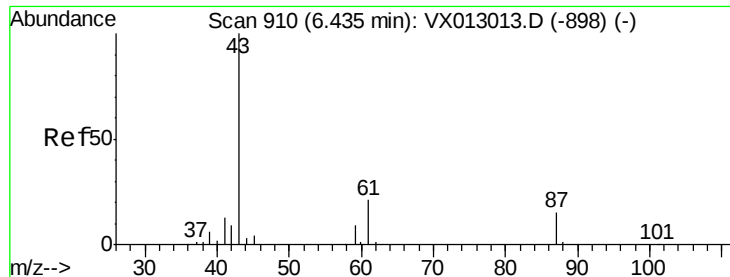
98 9.8 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.112 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

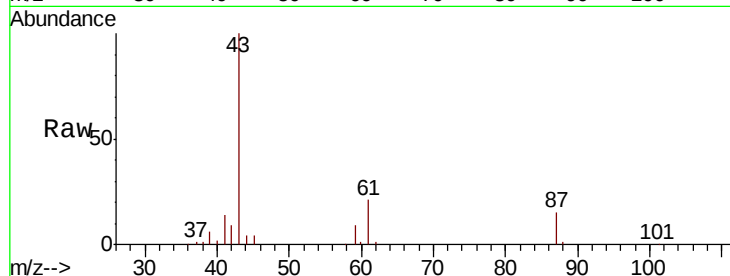
Tot Ion: 43 Resp: 90051

Ion Ratio Lower Upper

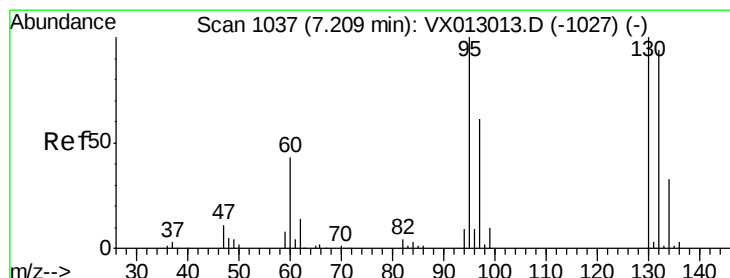
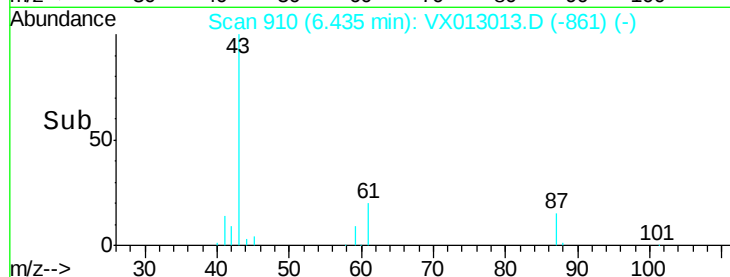
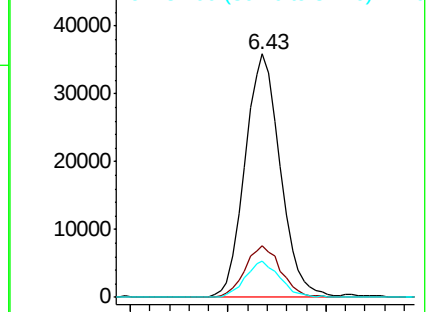
43 100

61 21.4 16.6 24.8

87 14.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.661 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013013.D

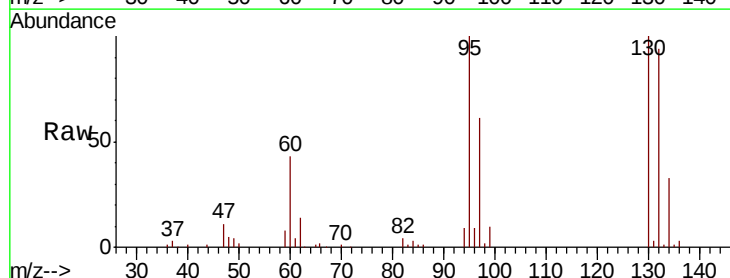
Acq: 11 Oct 2019 14:00

Tgt Ion: 130 Resp: 40172

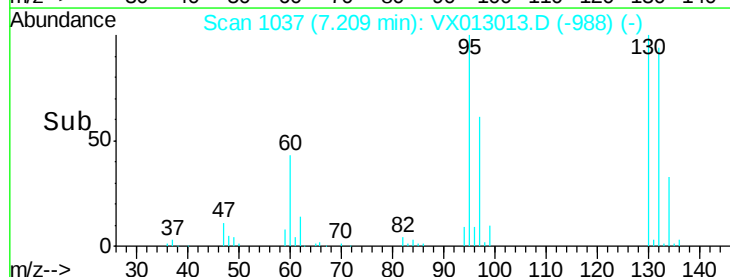
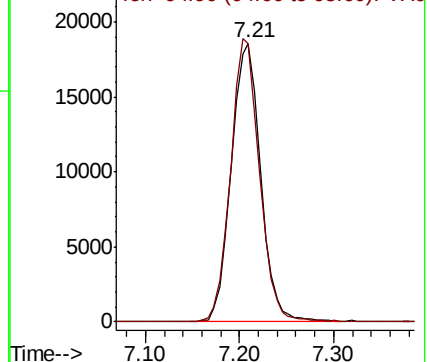
Ion Ratio Lower Upper

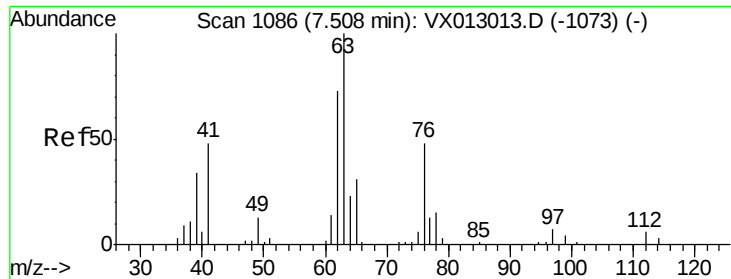
130 100

95 100.0 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

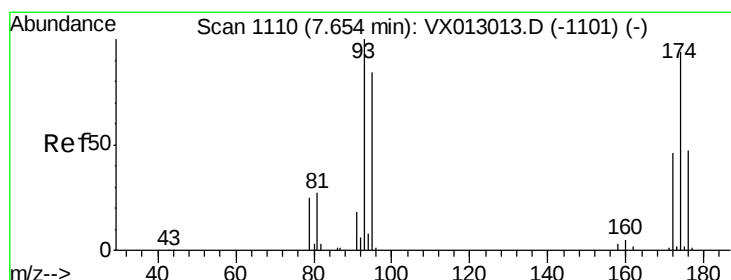
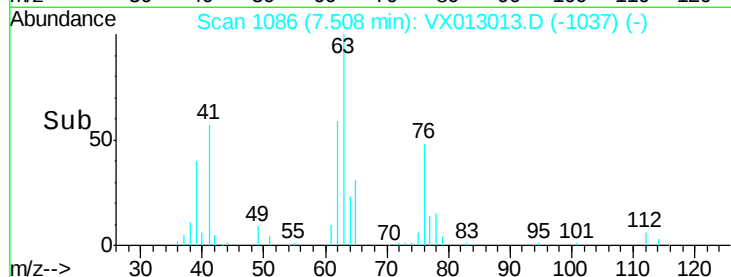
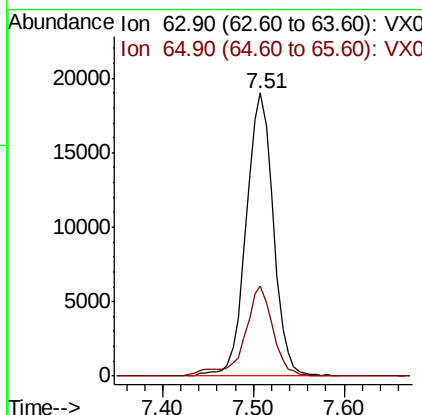
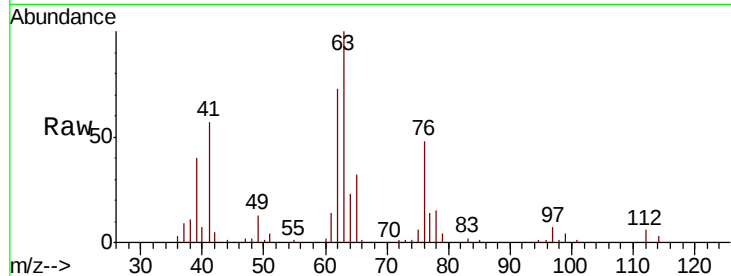




#45
 1,2-Dichloropropane
 Concen: 21.001 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

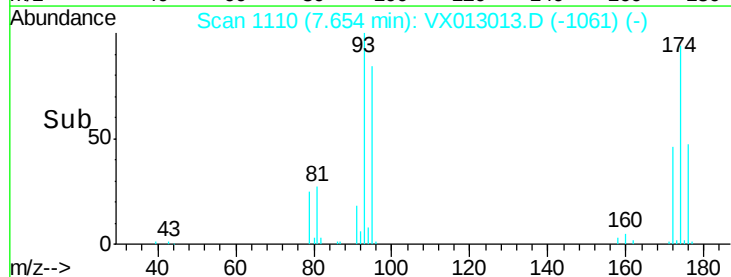
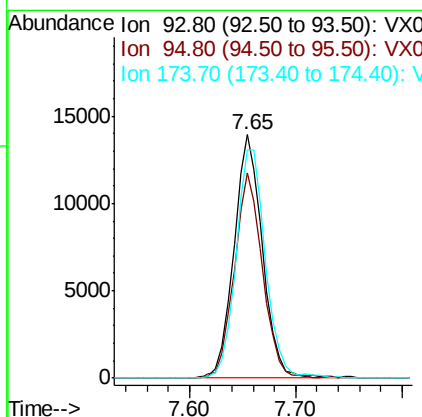
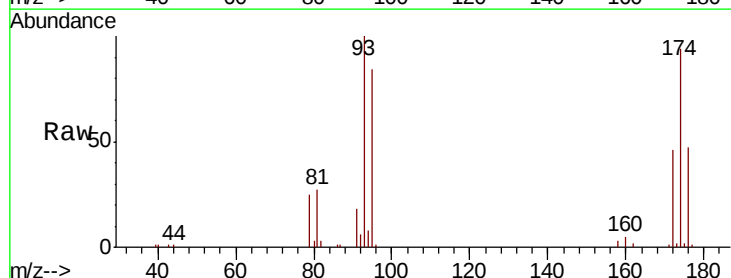
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

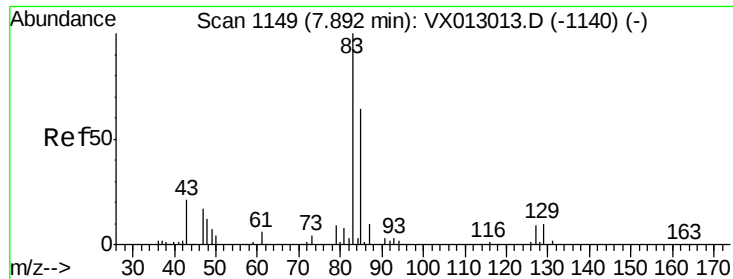
Tot Ion: 63 Resp: 39439
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.6 37.0



#46
 Dibromomethane
 Concen: 20.828 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion: 93 Resp: 26060
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.3 99.5
 174 97.6 77.8 116.6





#47

Bromodichloromethane

Concen: 20.657 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

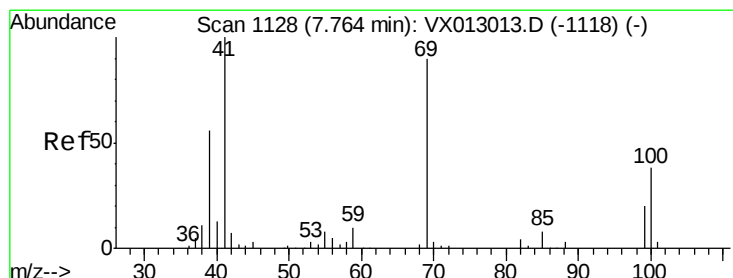
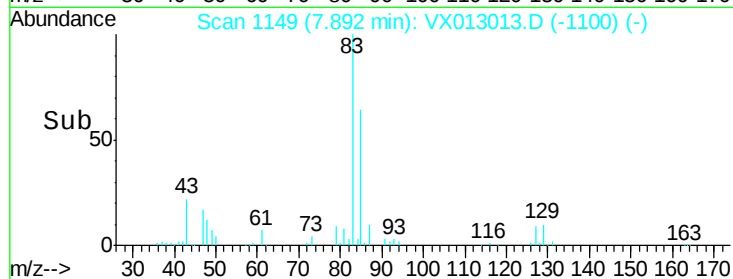
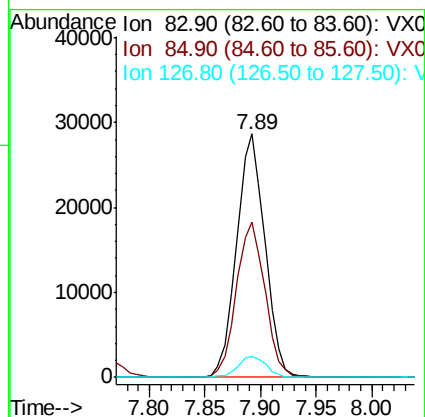
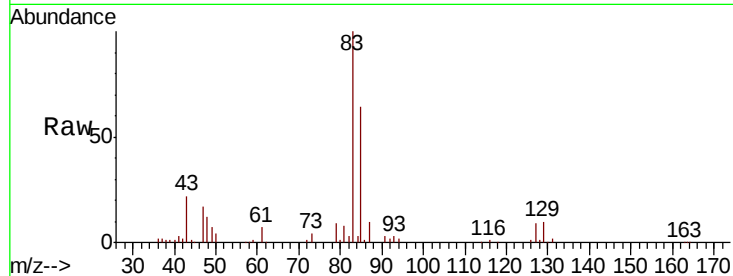
Tot Ion: 83 Resp: 50438

Ion Ratio Lower Upper

83 100

85 63.9 52.4 78.6

127 8.7 6.6 10.0



#48

Methyl methacrylate

Concen: 20.014 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

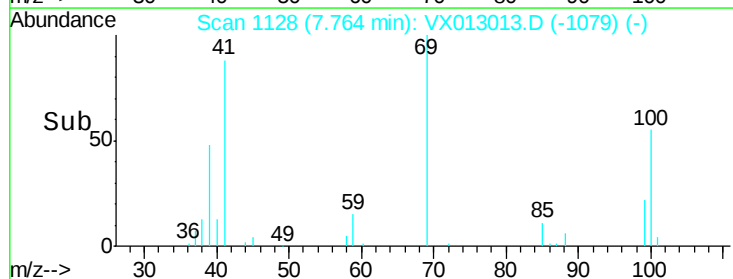
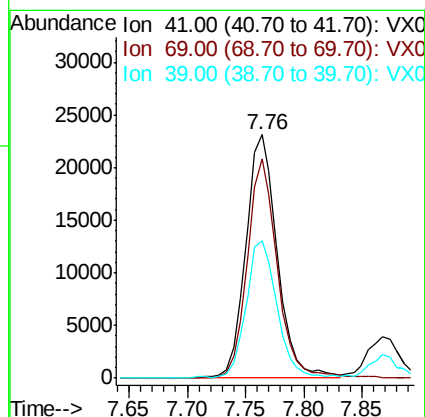
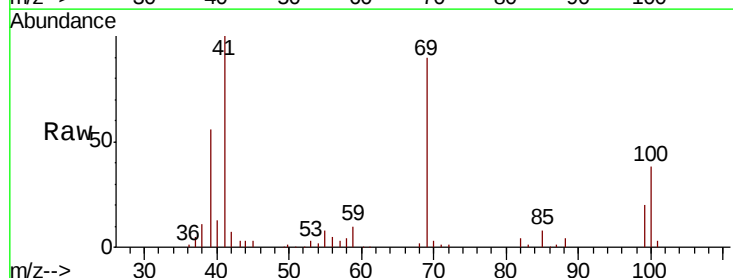
Tgt Ion: 41 Resp: 43669

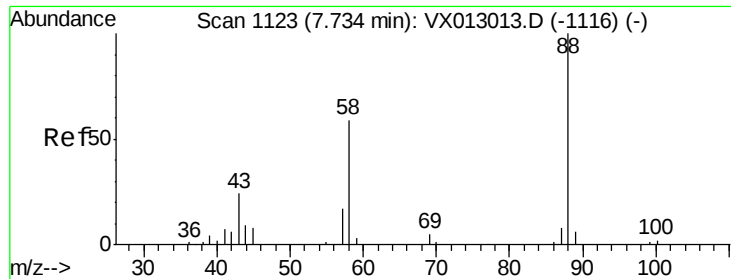
Ion Ratio Lower Upper

41 100

69 85.7 68.7 103.1

39 55.9 44.3 66.5

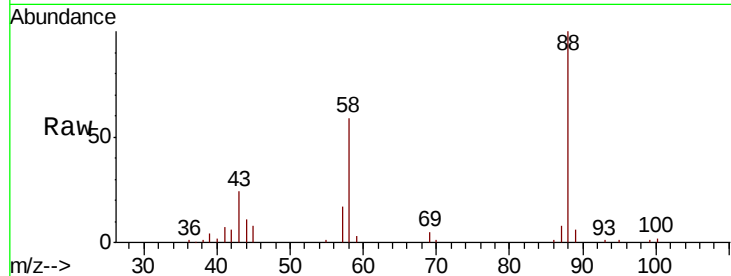




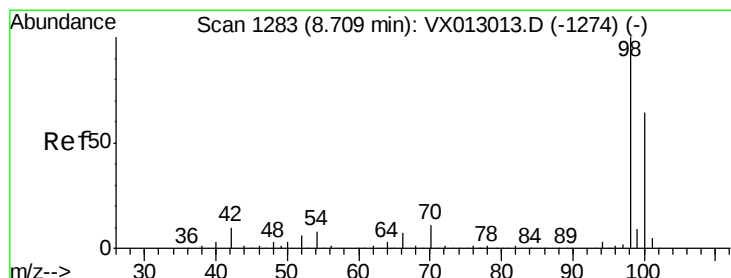
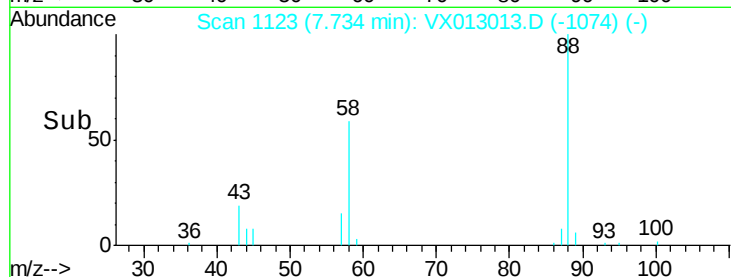
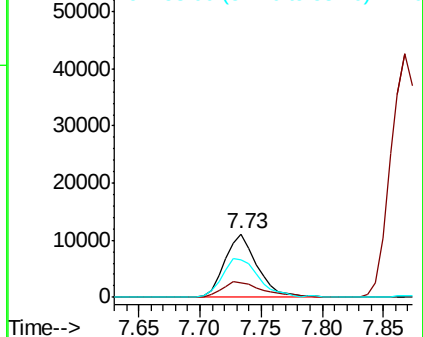
#49
1,4-Dioxane
Concen: 372.107 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tot Ion: 88 Resp: 20451
Ion Ratio Lower Upper
88 100
43 31.9 25.0 37.6
58 69.4 55.4 83.2

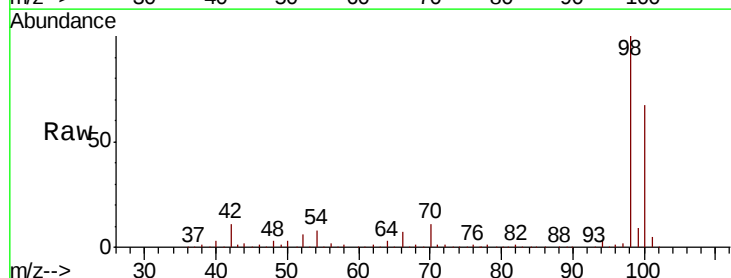


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

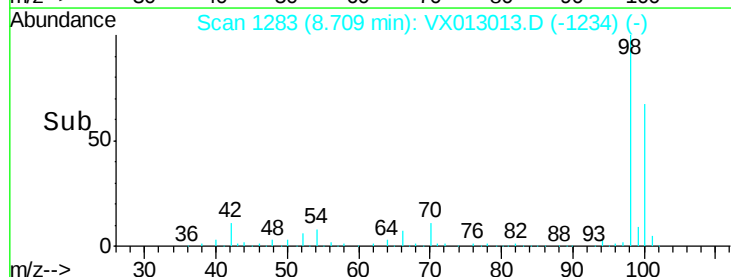
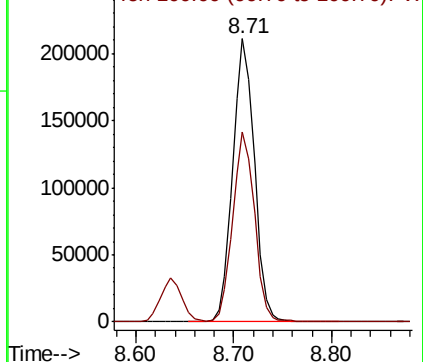


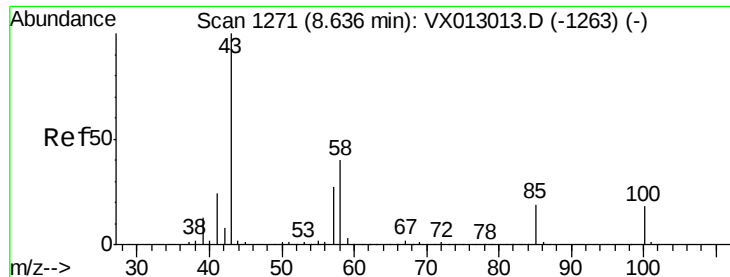
#50
Toluene-d8
Concen: 51.320 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 98 Resp: 325975
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 102.009 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

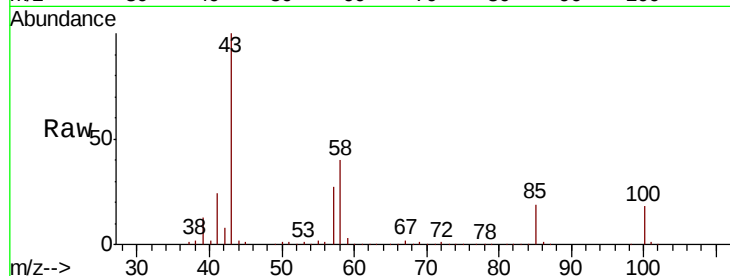
VX1011WBS01

Tot Ion: 43 Resp: 284764

Ion Ratio Lower Upper

43 100

58 40.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

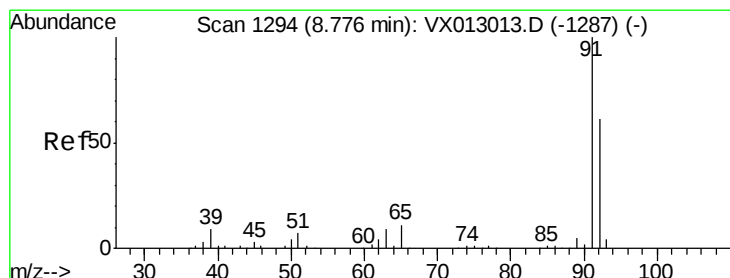
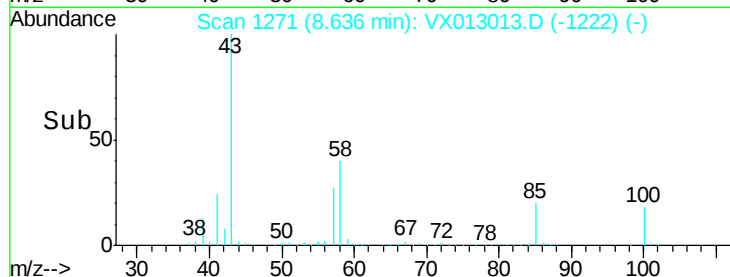
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.847 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013013.D

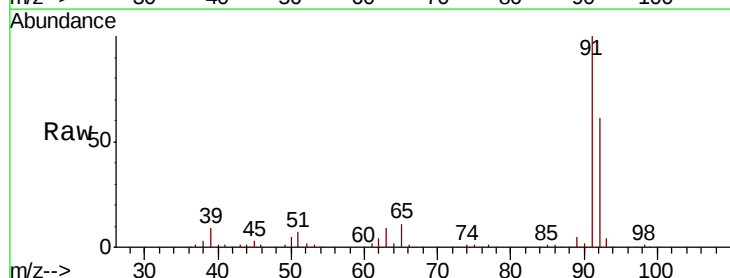
Acq: 11 Oct 2019 14:00

Tgt Ion: 92 Resp: 98273

Ion Ratio Lower Upper

92 100

91 168.0 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

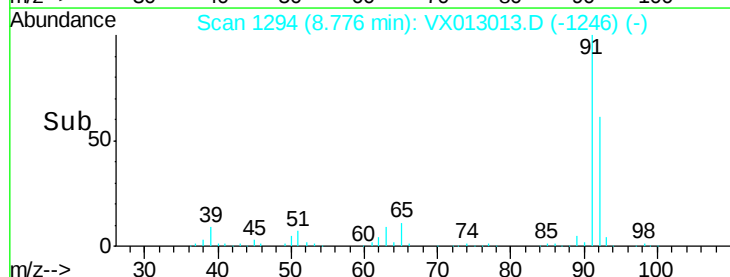
60000

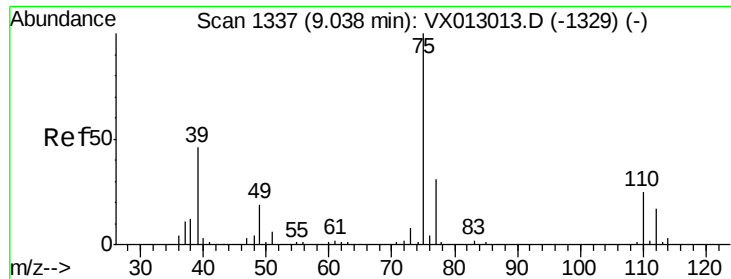
40000

20000

0

Time-->

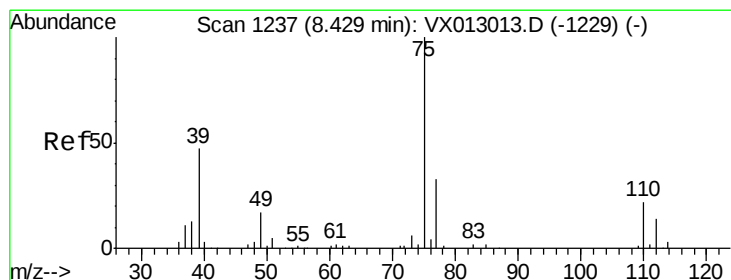
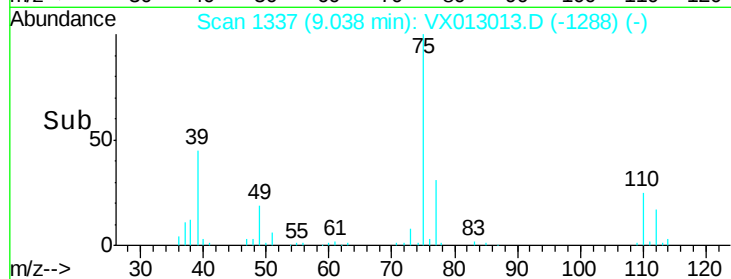
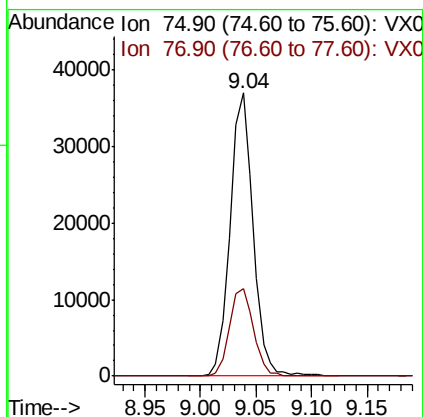
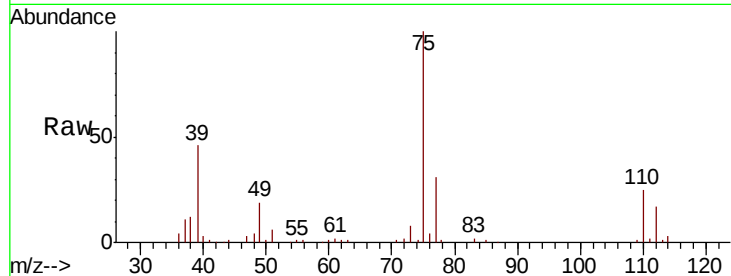




#53
 t-1,3-Dichloropropene
 Concen: 18.732 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

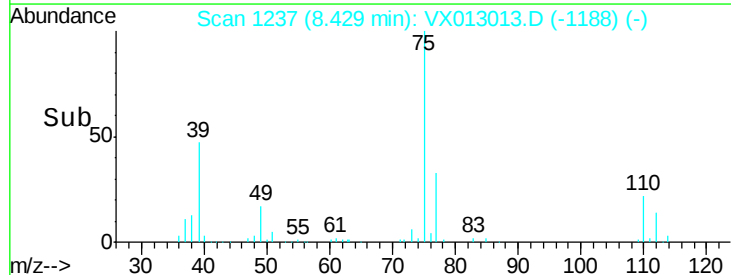
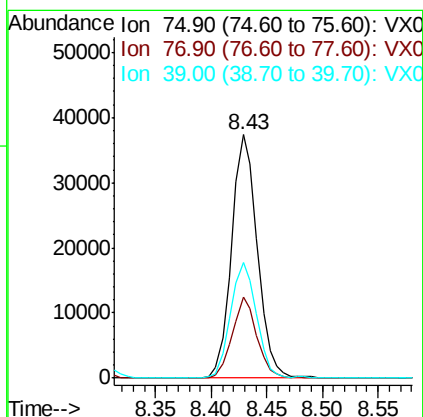
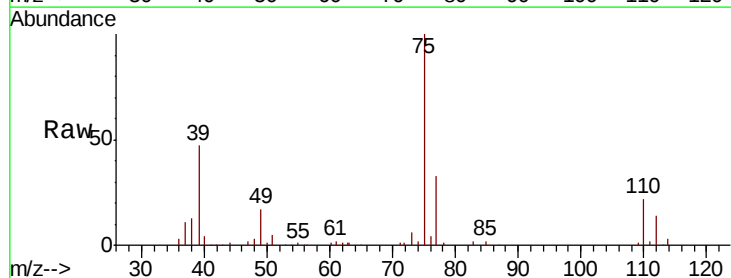
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

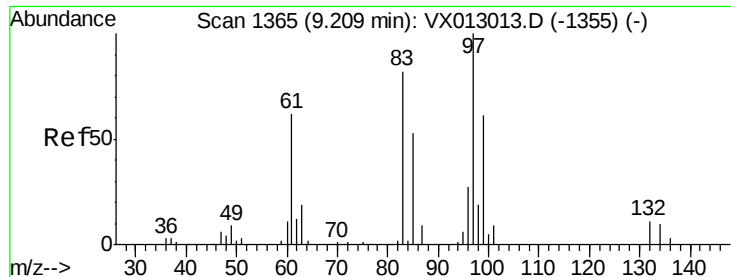
Tot Ion: 75 Resp: 52760
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.897 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion: 75 Resp: 59752
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8
 39 47.1 38.2 57.2

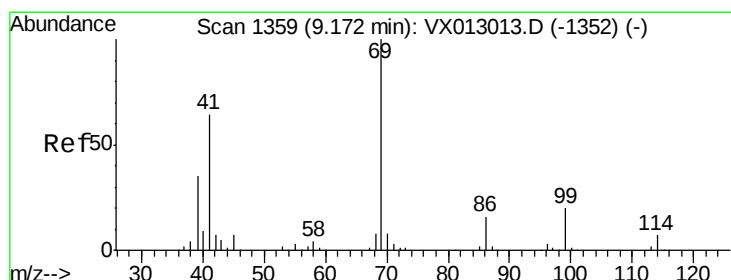
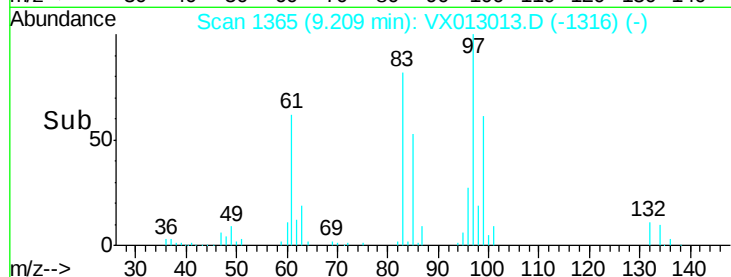
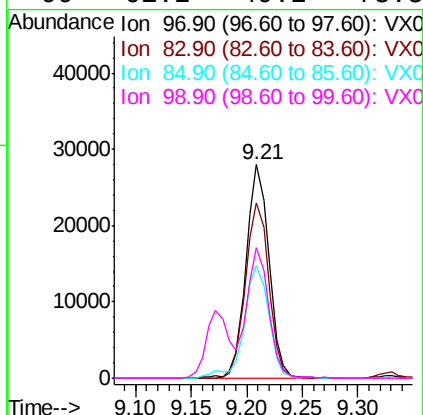
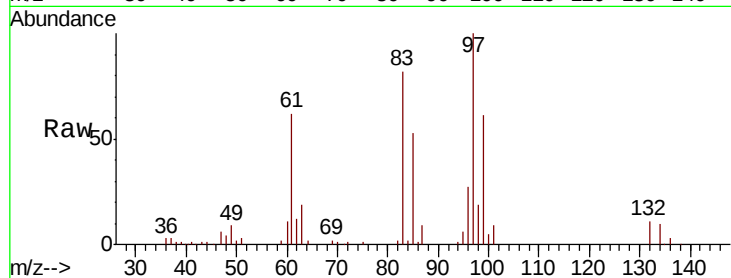




#55
 1,1,2-Trichloroethane
 Concen: 21.651 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

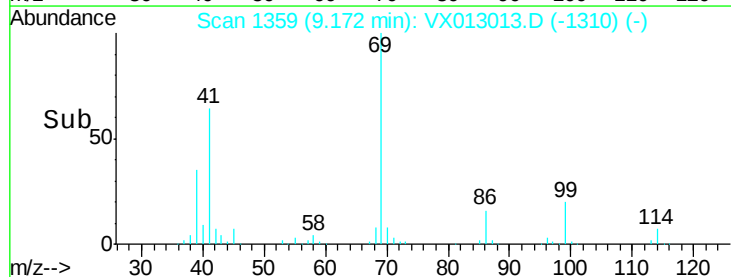
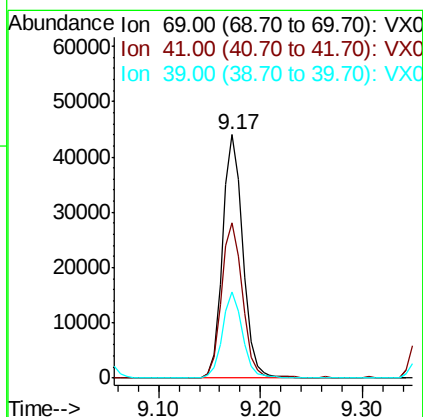
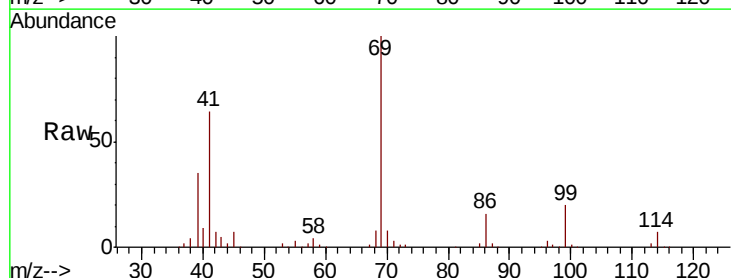
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

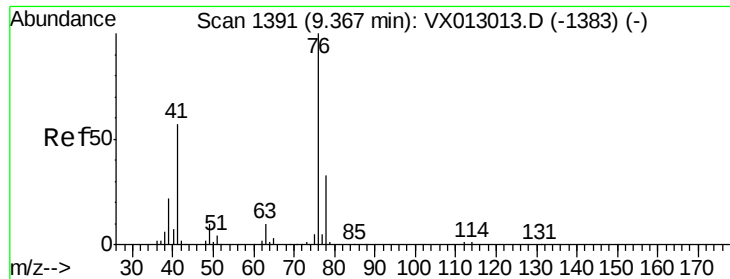
Tot Ion:	97	Resp:	40390
Ion	Ratio	Lower	Upper
97	100		
83	82.0	66.5	99.7
85	53.0	43.1	64.7
99	61.2	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 19.519 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion:	69	Resp:	61332
Ion	Ratio	Lower	Upper
69	100		
41	66.5	52.1	78.1
39	34.4	27.8	41.8





#57

1,3-Dichloropropane

Concen: 20.723 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

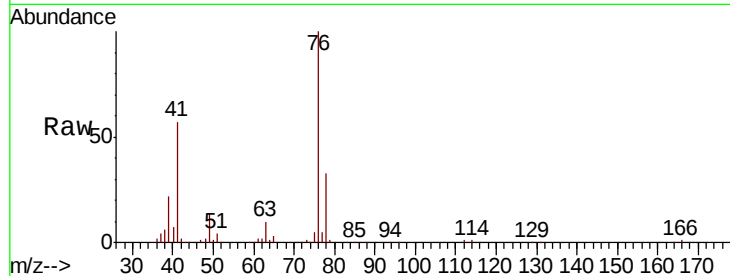
VX1011WBS01

Tot Ion: 76 Resp: 66873

Ion Ratio Lower Upper

76 100

78 34.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

40000

30000

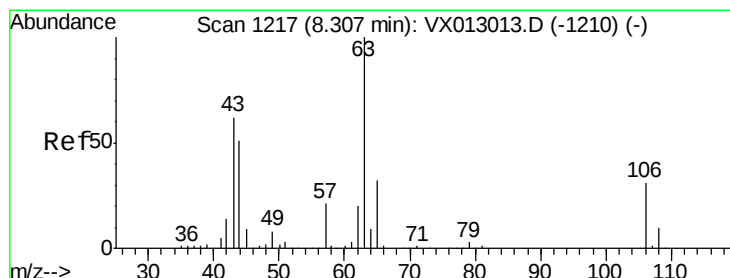
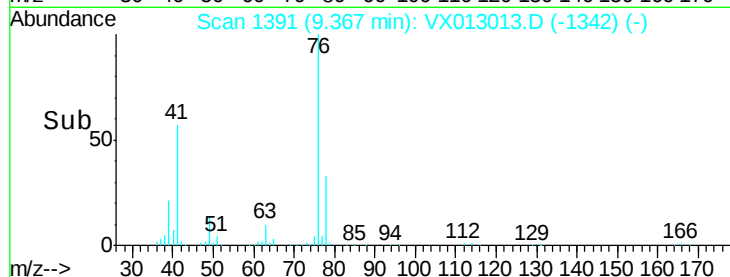
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 100.573 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013013.D

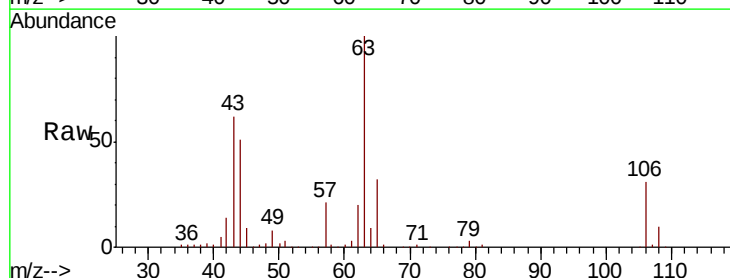
Acq: 11 Oct 2019 14:00

Tgt Ion: 63 Resp: 137829

Ion Ratio Lower Upper

63 100

106 29.6 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

100000

80000

60000

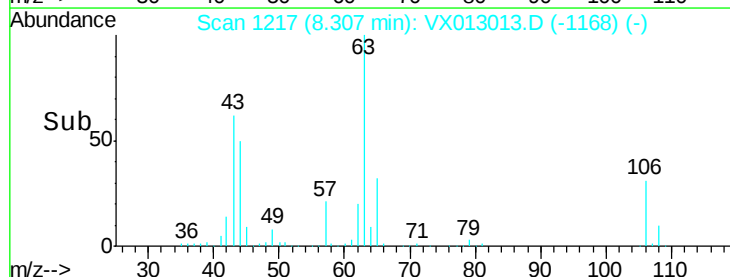
40000

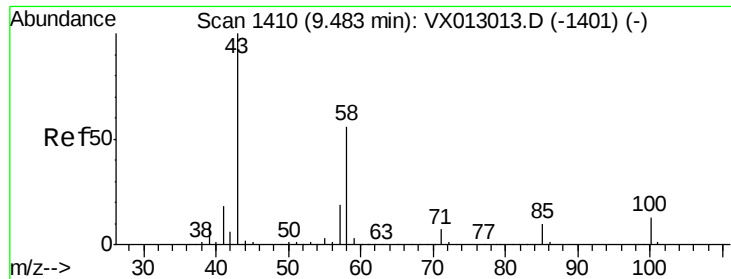
20000

0

8.20 8.30 8.40

Time-->

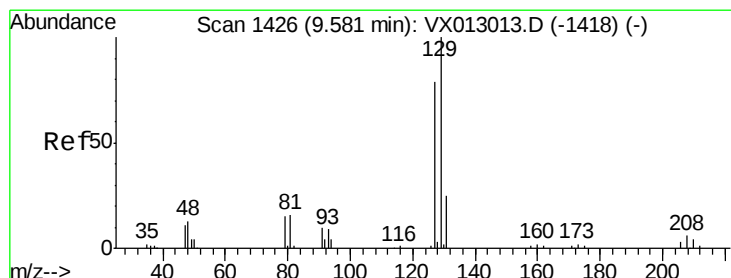
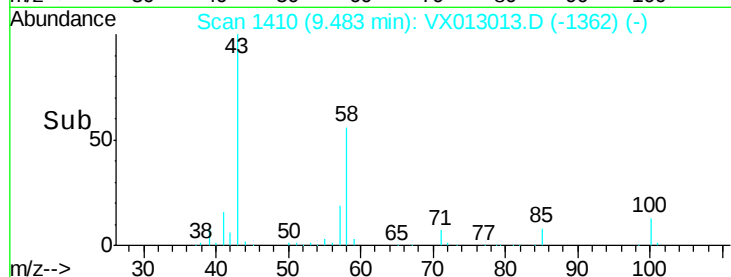
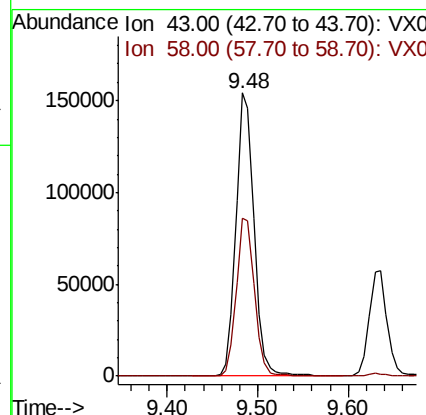
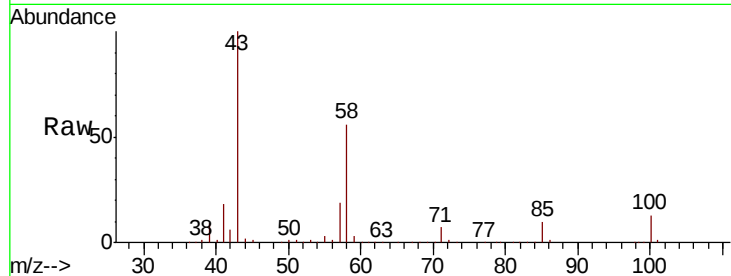




#59
2-Hexanone
Concen: 98.354 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

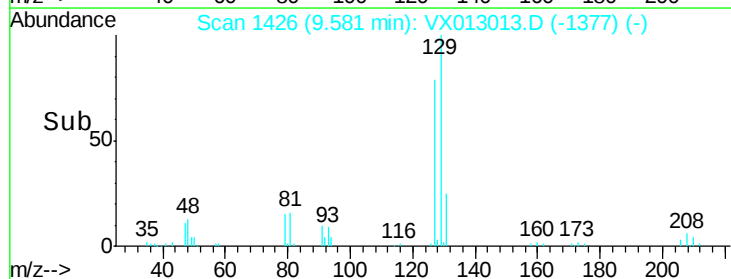
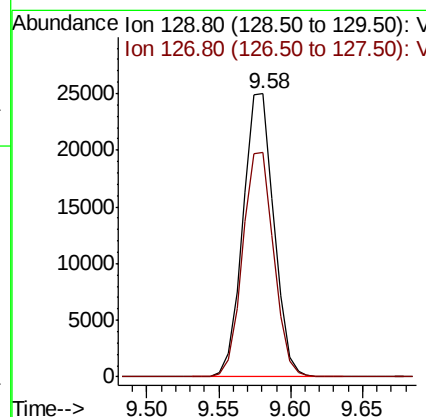
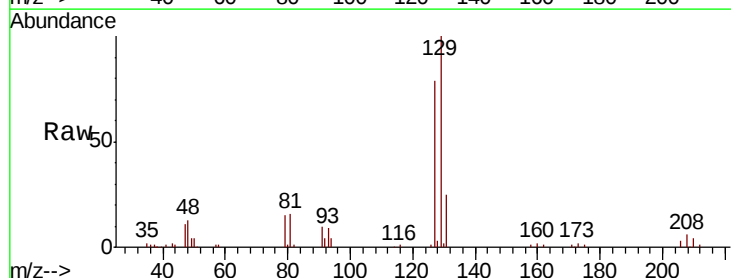
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

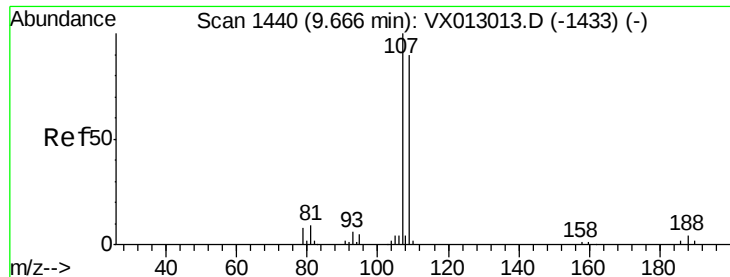
Tot Ion: 43 Resp: 213729
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 19.106 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 129 Resp: 37190
Ion Ratio Lower Upper
129 100
127 79.4 38.9 116.7

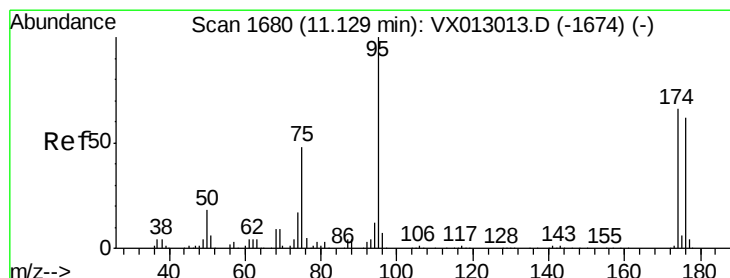
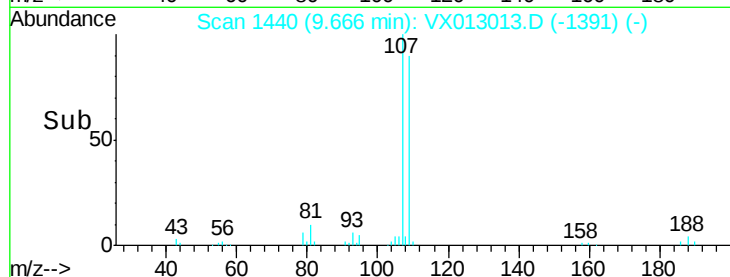
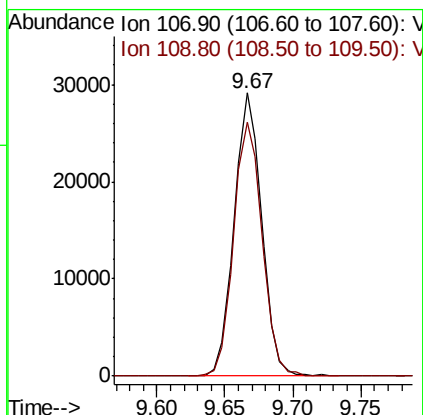
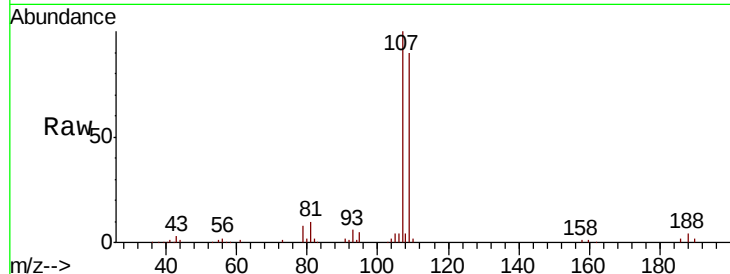




#61
 1,2-Dibromoethane
 Concen: 20.926 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

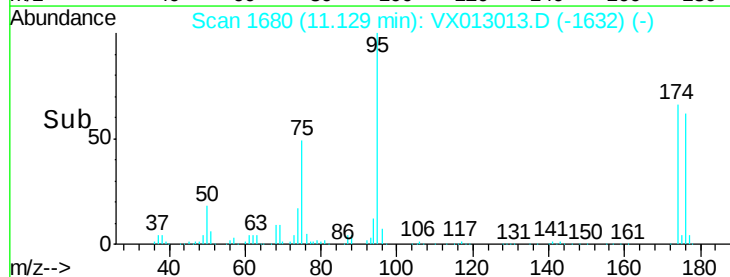
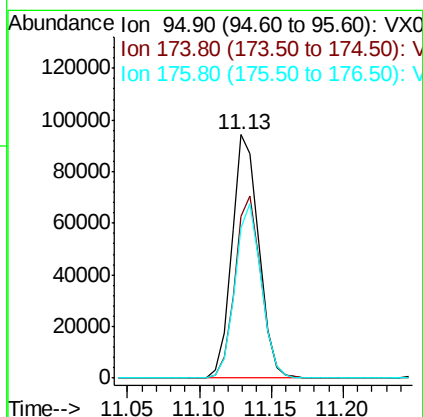
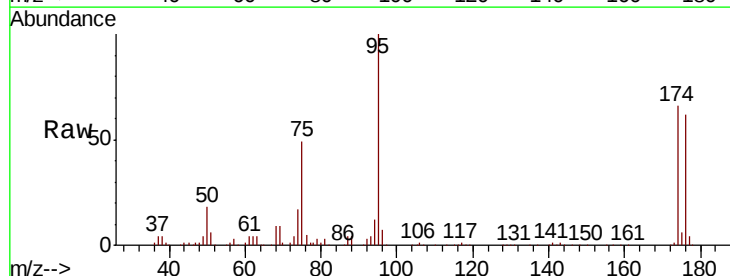
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

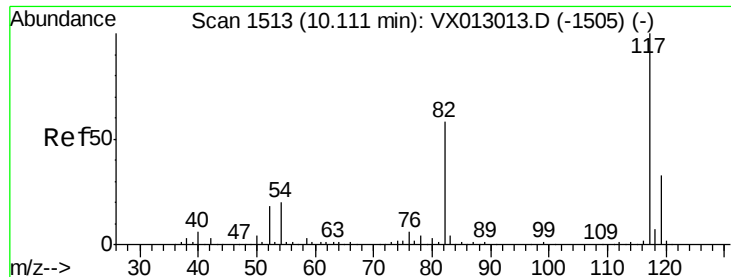
Tot Ion:107 Resp: 41066
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.952 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion: 95 Resp: 123285
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 143.4
 176 69.7 0.0 136.0

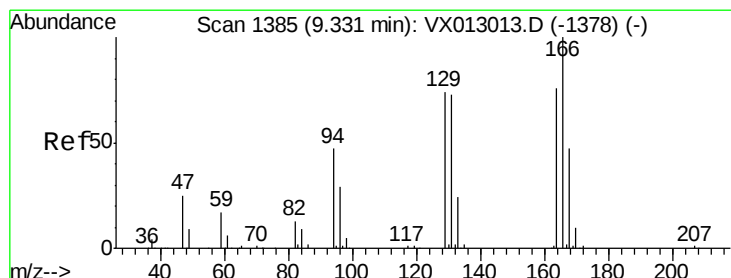
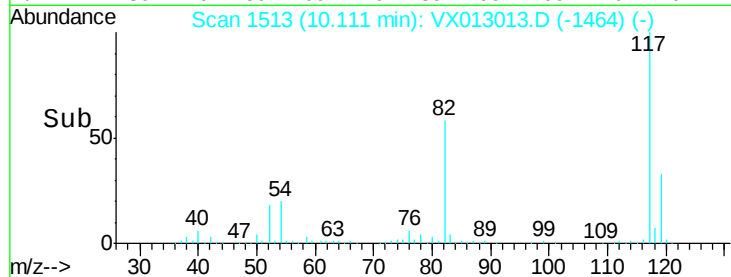
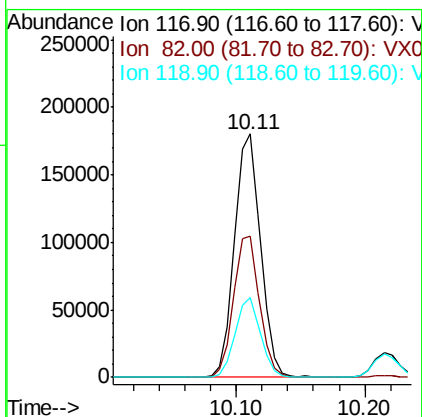
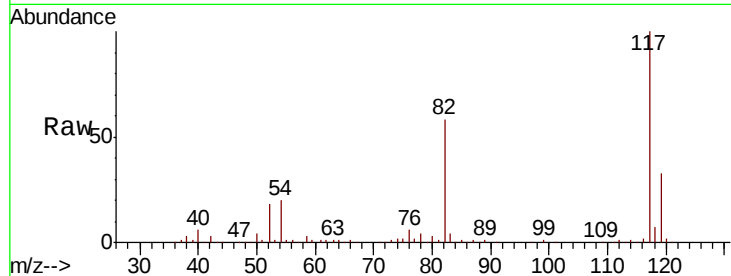




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

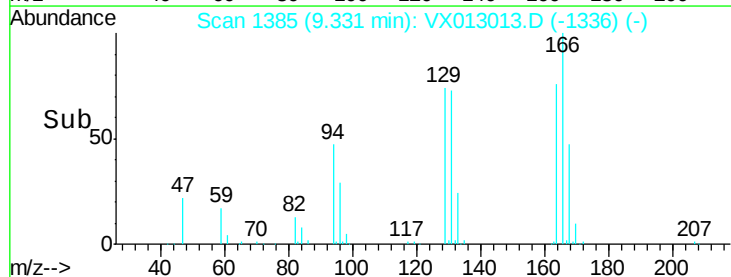
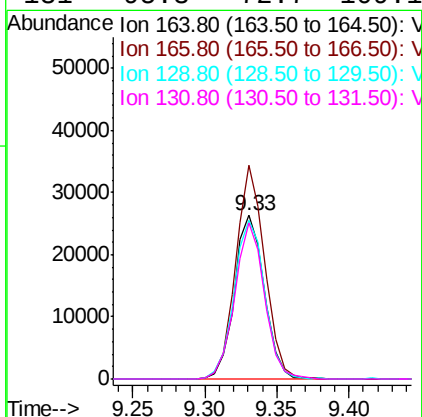
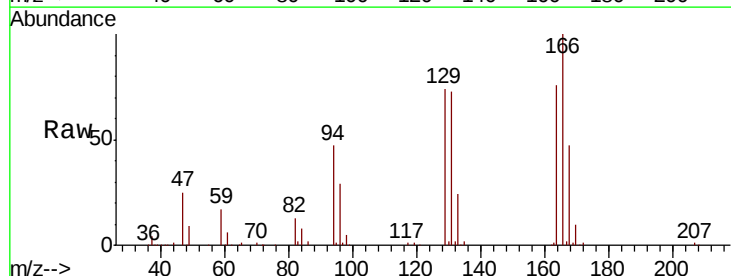
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

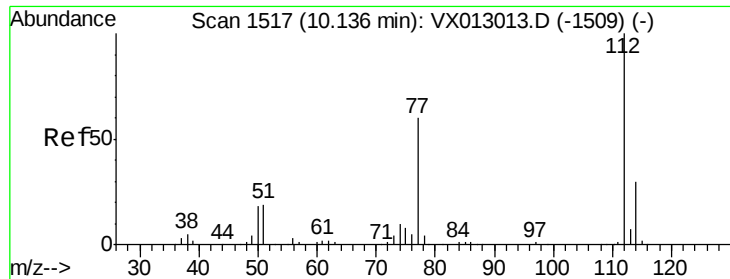
Tot Ion:117 Resp: 253802
Ion Ratio Lower Upper
117 100
82 57.8 44.1 66.1
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 21.564 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion:164 Resp: 37960
Ion Ratio Lower Upper
164 100
166 130.8 96.9 145.3
129 97.4 77.9 116.9
131 95.3 72.7 109.1





#65

Chlorobenzene

Concen: 20.269 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

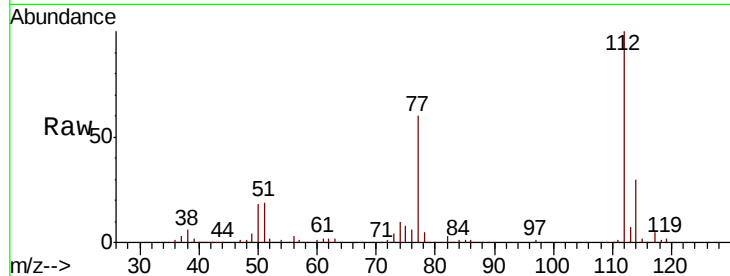
VX1011WBS01

Tot Ion:112 Resp: 102156

Ion Ratio Lower Upper

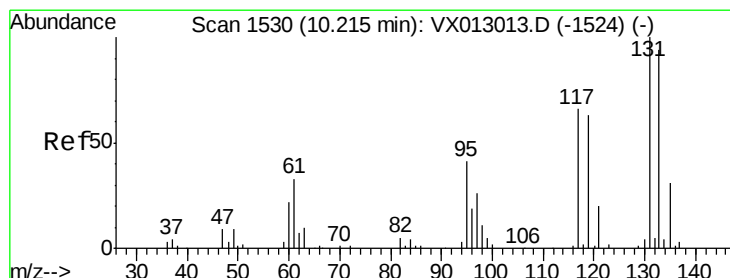
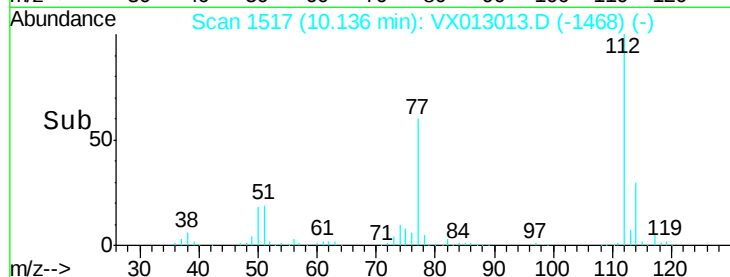
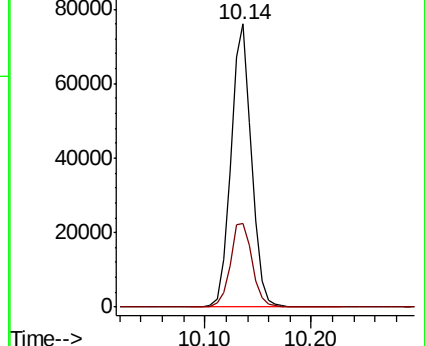
112 100

114 29.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.526 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

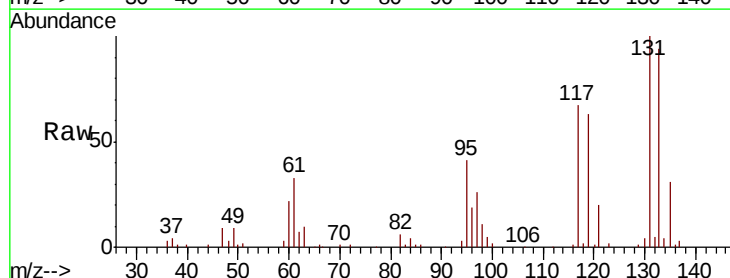
Tgt Ion:131 Resp: 35869

Ion Ratio Lower Upper

131 100

133 95.6 47.2 141.6

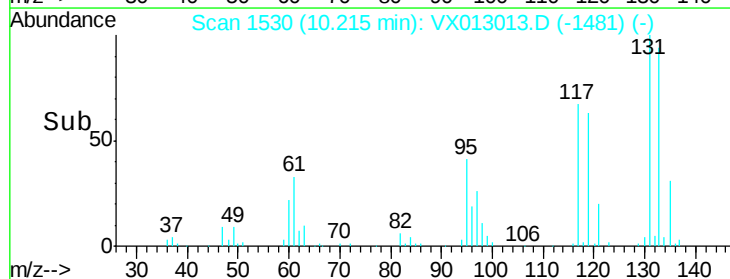
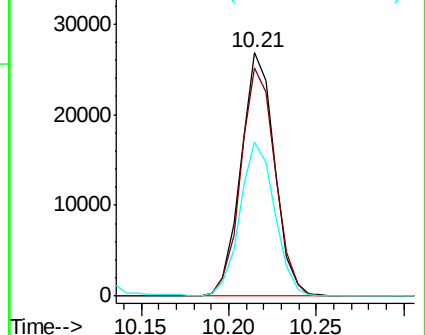
119 65.7 32.6 98.0

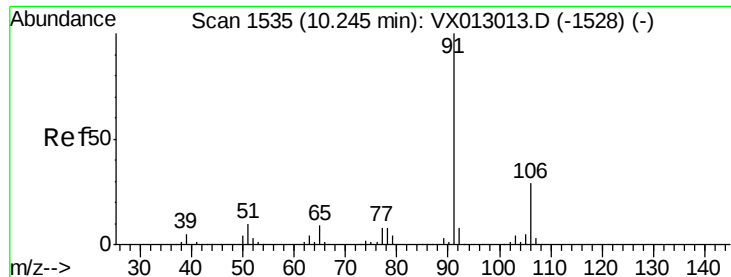


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

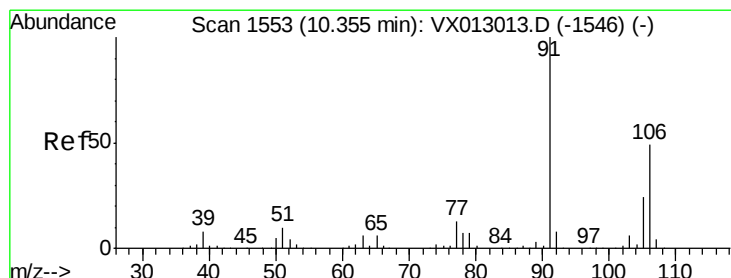
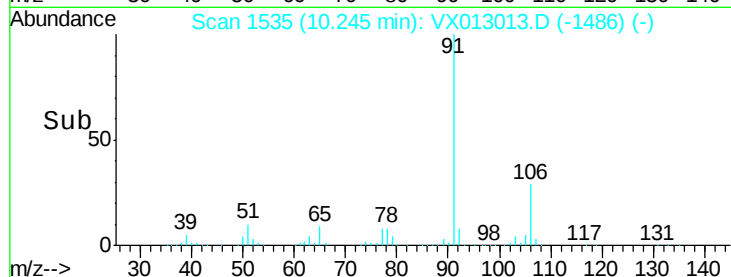
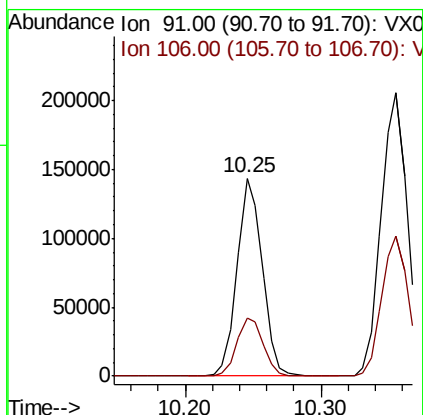
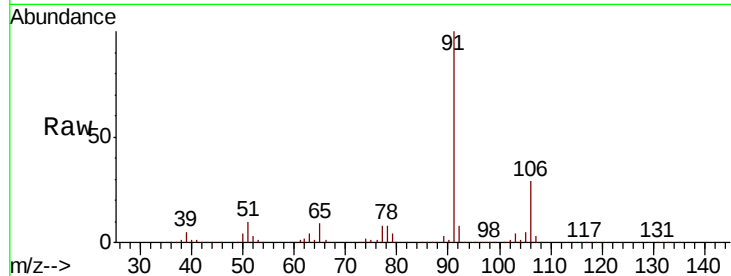




#67
Ethyl Benzene
Concen: 20.721 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

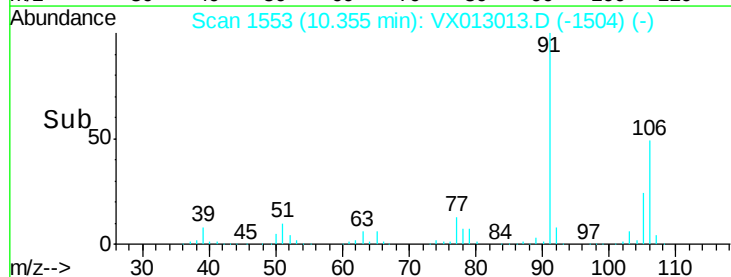
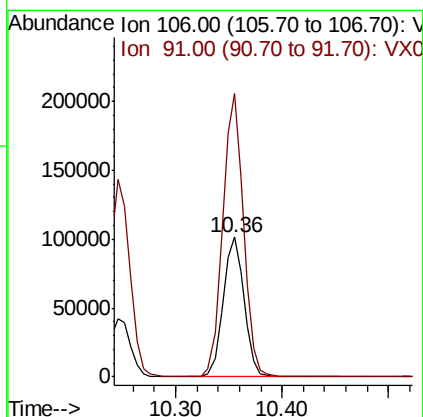
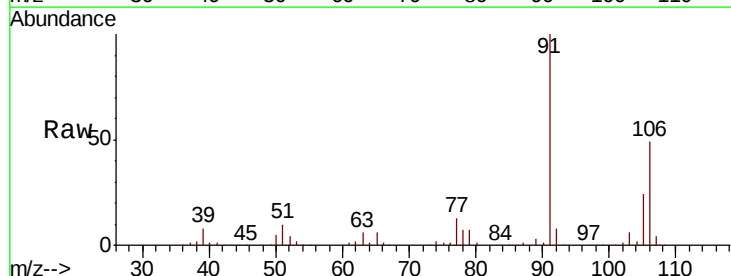
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

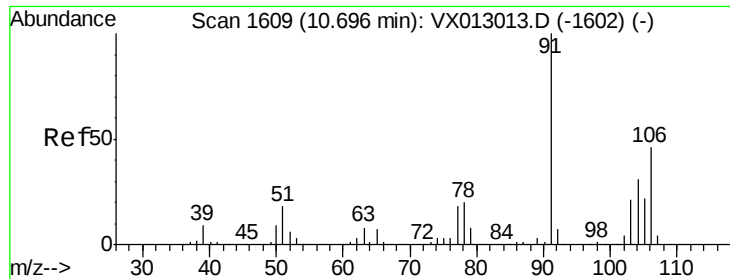
Tot Ion: 91 Resp: 185506
Ion Ratio Lower Upper
91 100
106 29.1 23.9 35.9



#68
m/p-Xylenes
Concen: 41.759 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 106 Resp: 139666
Ion Ratio Lower Upper
106 100
91 199.9 165.3 247.9

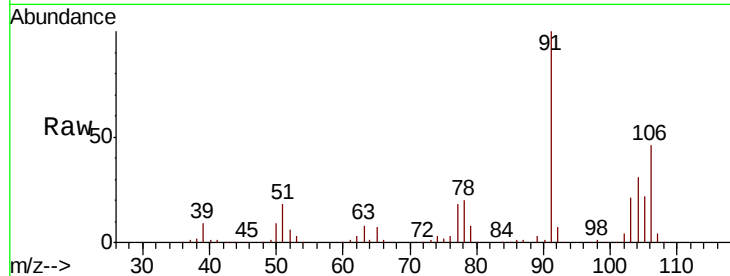




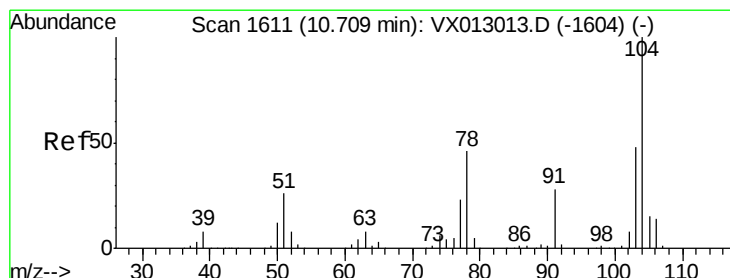
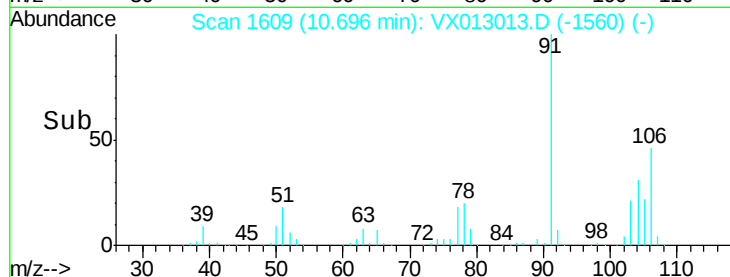
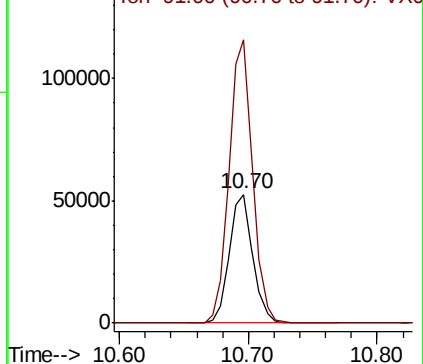
#69
o-Xylene
Concen: 20.709 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Instrument :
MSVOA_X
ClientSampled :
VX1011WBS01

Tot Ion:106 Resp: 67543
Ion Ratio Lower Upper
106 100
91 219.4 109.1 327.3

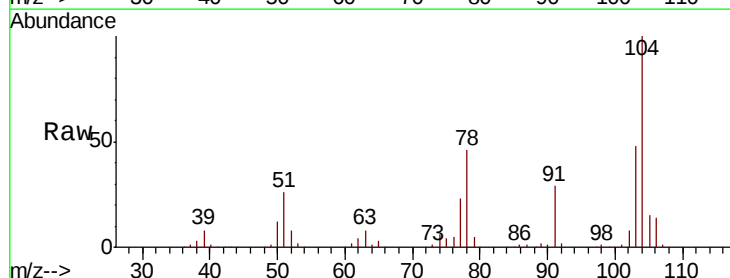


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

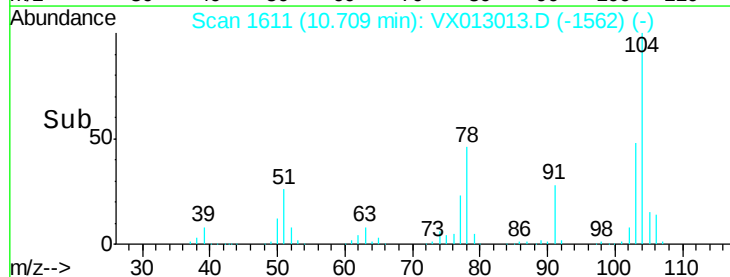
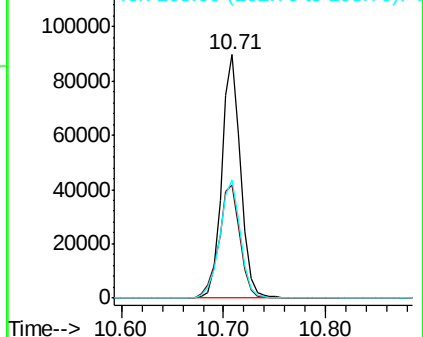


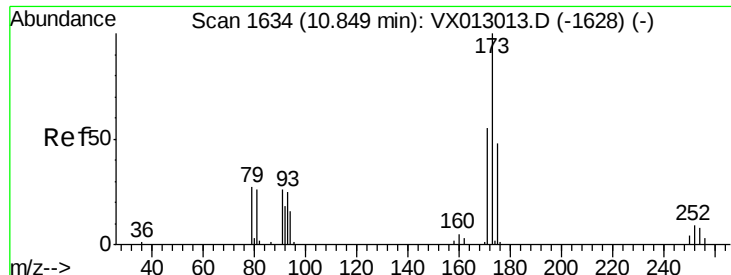
#70
Styrene
Concen: 20.650 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion:104 Resp: 114496
Ion Ratio Lower Upper
104 100
78 52.7 41.2 61.8
103 53.9 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.269 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

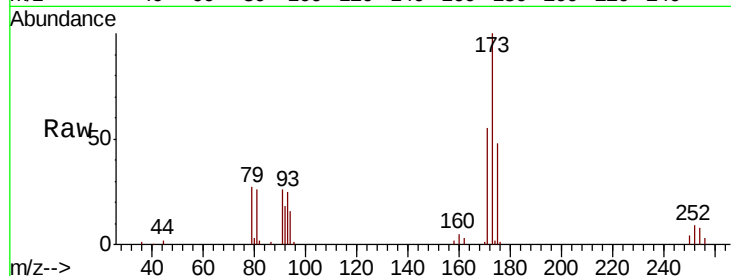
Tot Ion:173 Resp: 24040

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

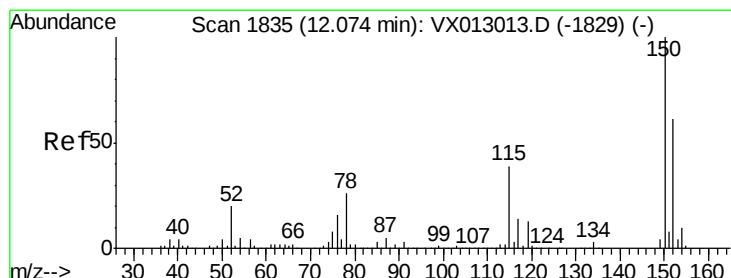
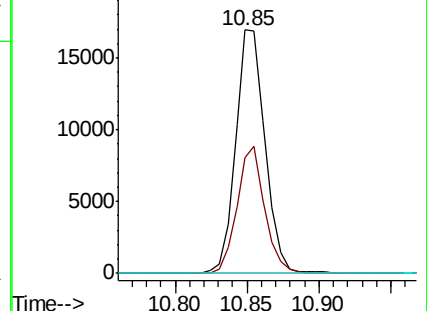
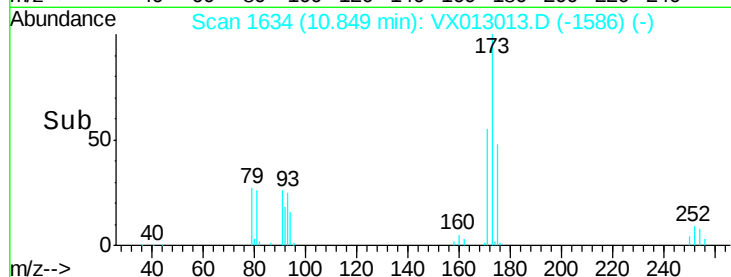
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

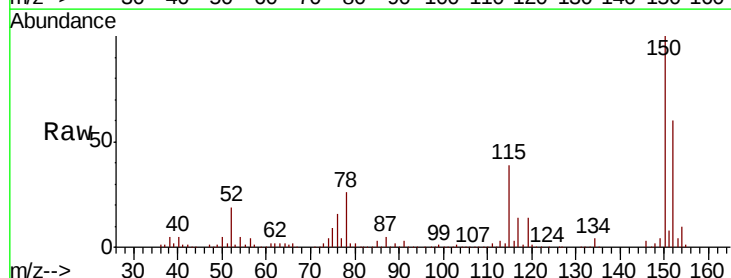
Tgt Ion:152 Resp: 114054

Ion Ratio Lower Upper

152 100

115 75.4 44.5 133.5

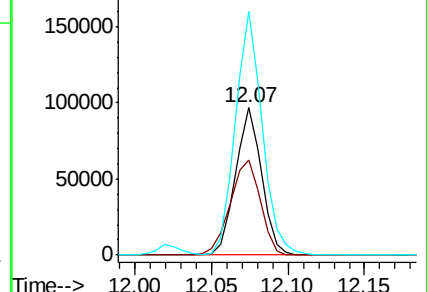
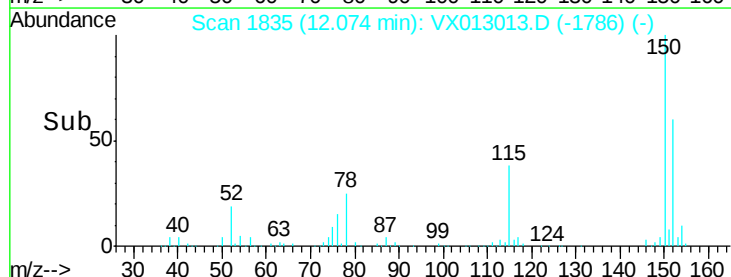
150 170.4 0.0 353.4

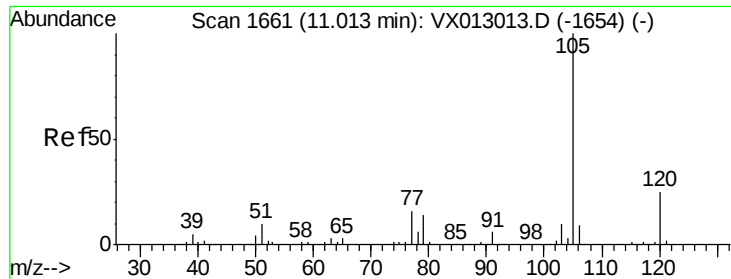


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.826 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

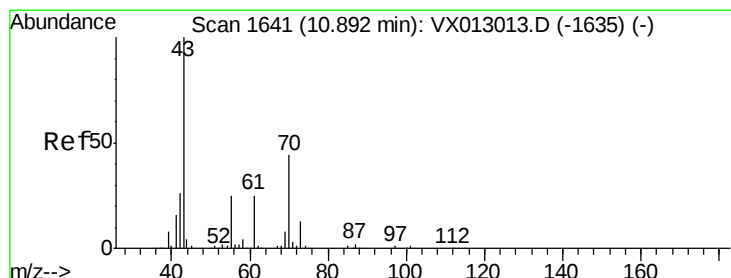
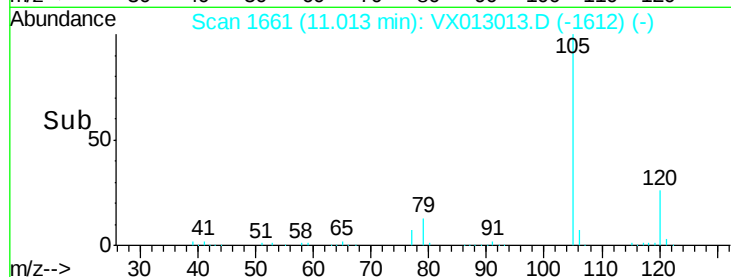
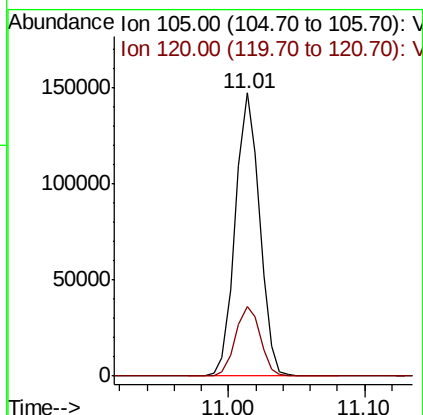
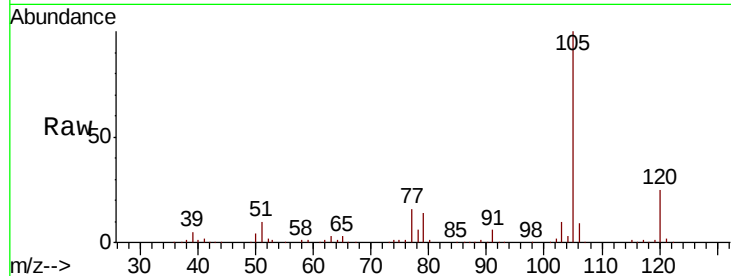
VX1011WBS01

Tot Ion:105 Resp: 183018

Ion Ratio Lower Upper

105 100

120 25.2 13.0 39.0



#74

N-ethyl acetate

Concen: 20.779 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Tgt Ion: 43 Resp: 75042

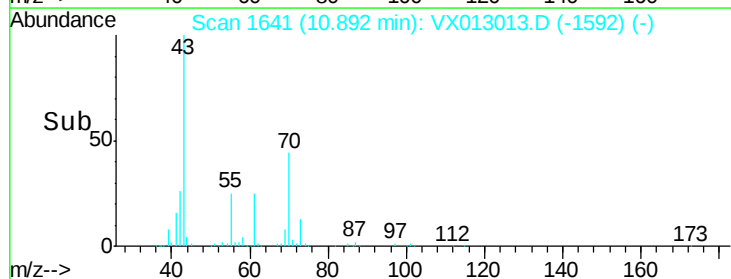
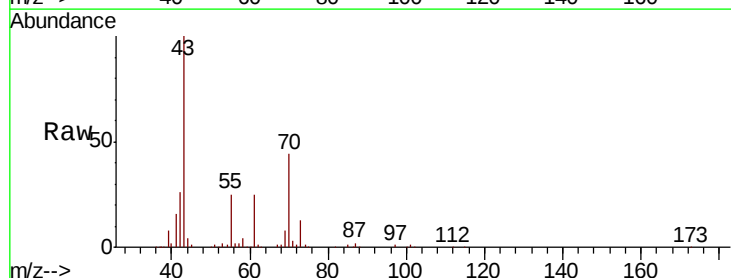
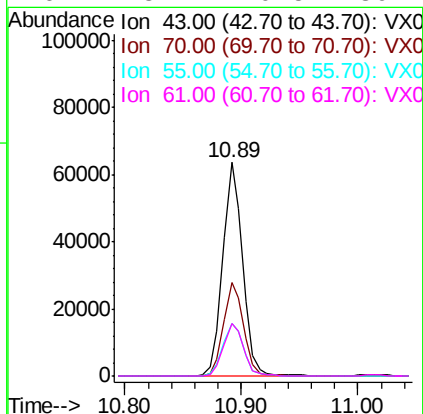
Ion Ratio Lower Upper

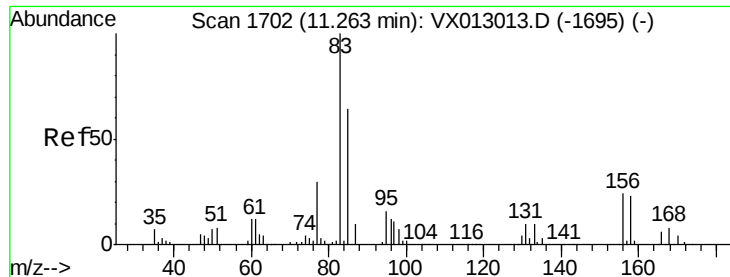
43 100

70 44.3 36.4 54.6

55 25.9 20.2 30.2

61 25.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.385 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

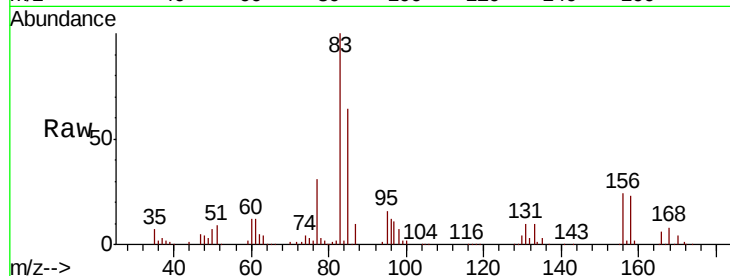
Tot Ion: 83 Resp: 56853

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

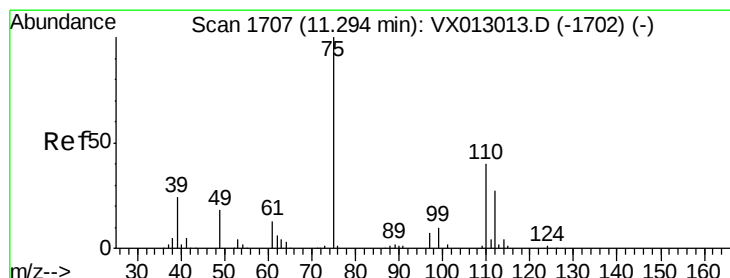
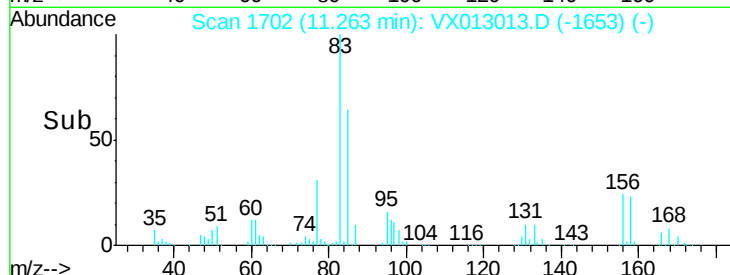
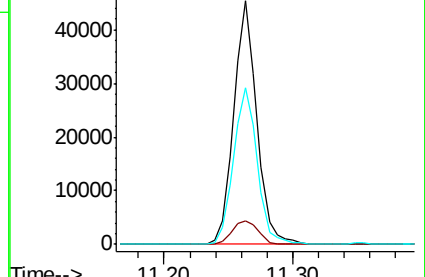
85 66.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.437 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013013.D

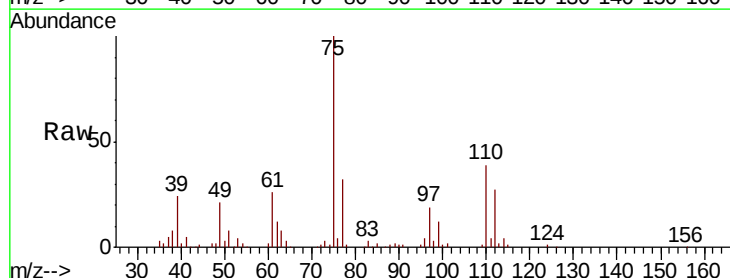
Acq: 11 Oct 2019 14:00

Tgt Ion: 75 Resp: 66878

Ion Ratio Lower Upper

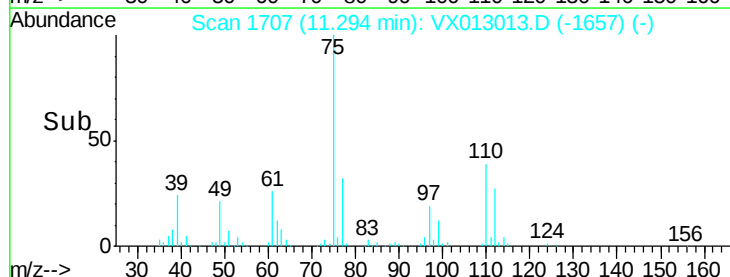
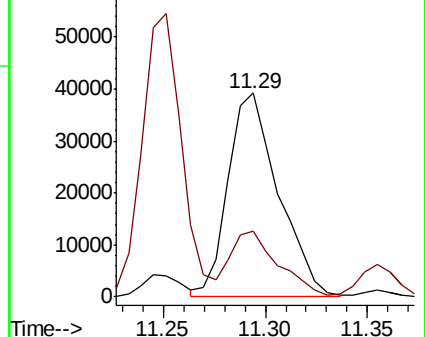
75 100

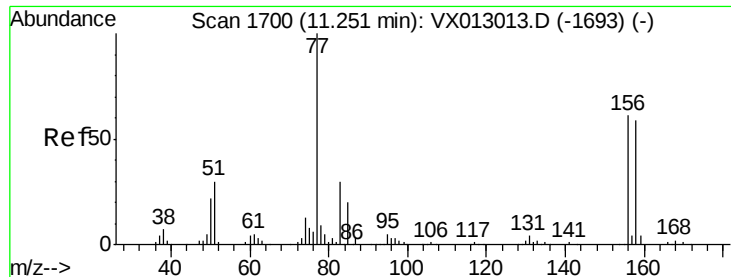
77 30.5 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.436 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

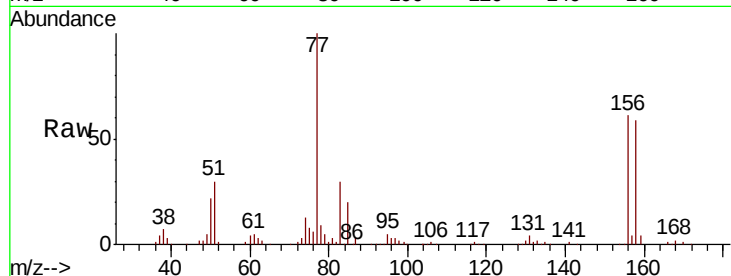
Tot Ion:156 Resp: 42358

Ion Ratio Lower Upper

156 100

77 172.1 83.7 251.0

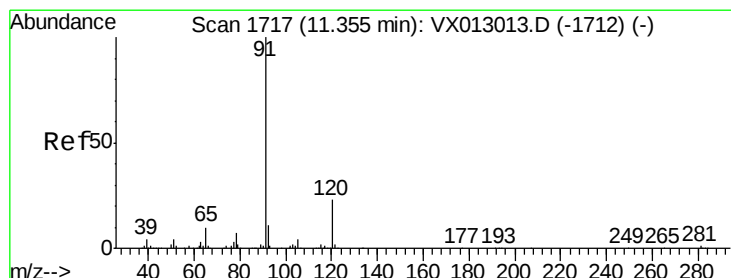
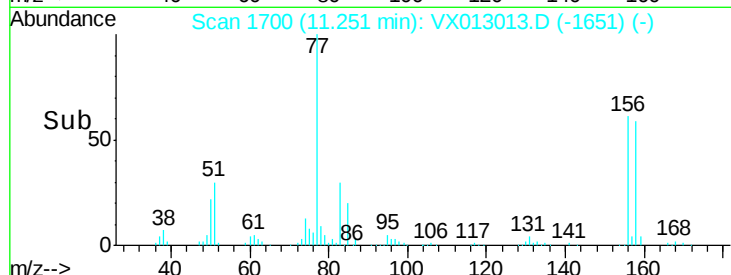
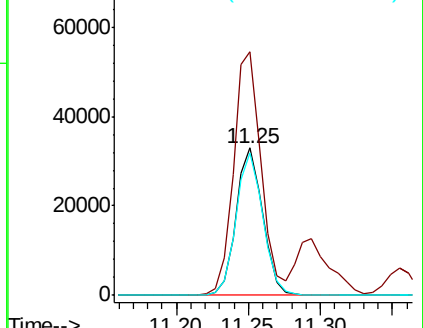
158 97.4 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.646 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013013.D

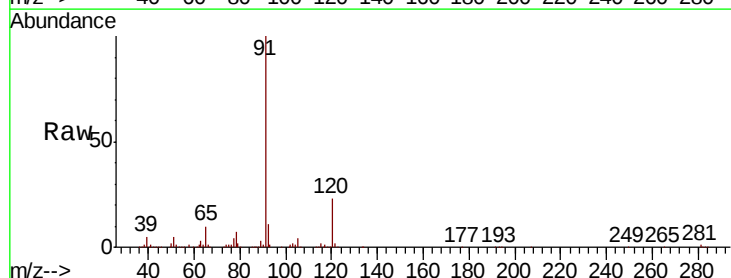
Acq: 11 Oct 2019 14:00

Tgt Ion: 91 Resp: 199735

Ion Ratio Lower Upper

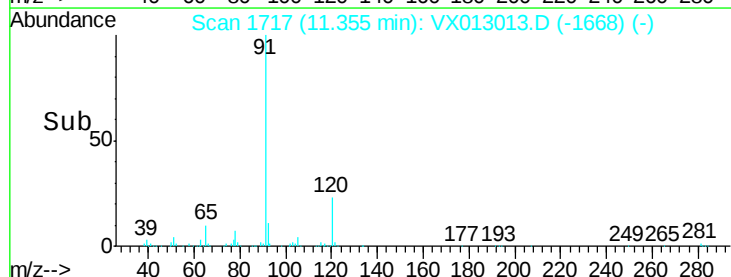
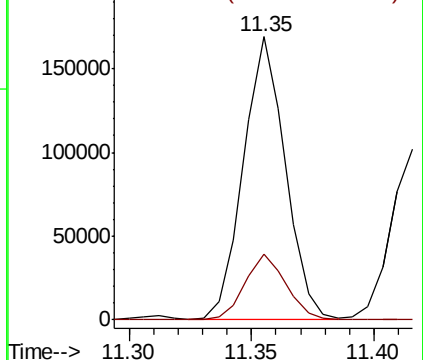
91 100

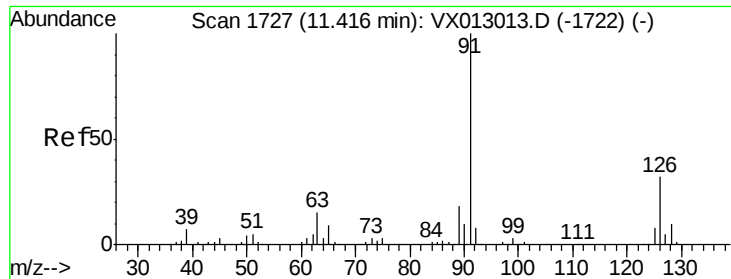
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

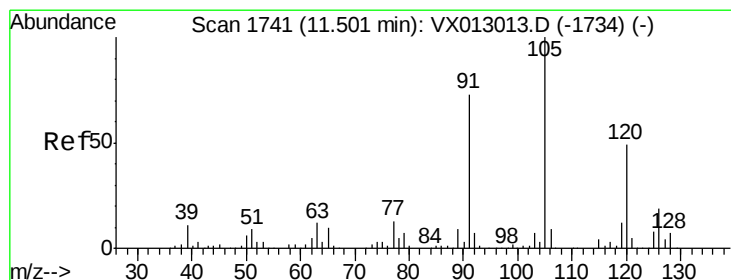
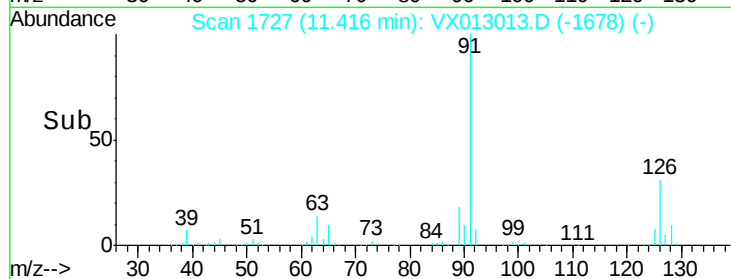
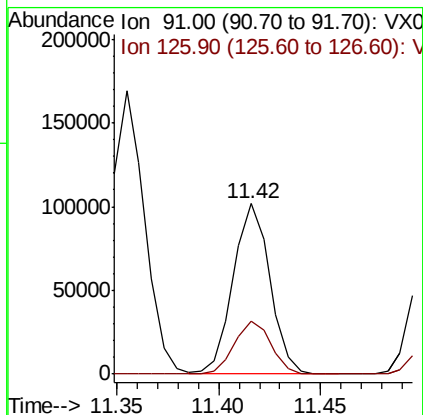
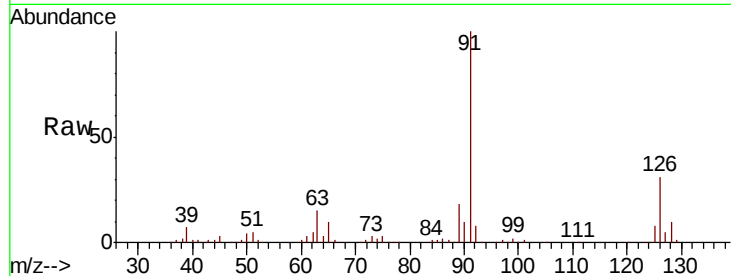




#79
 2-Chlorotoluene
 Concen: 21.745 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

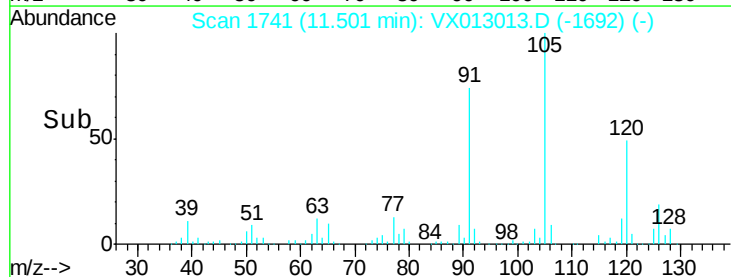
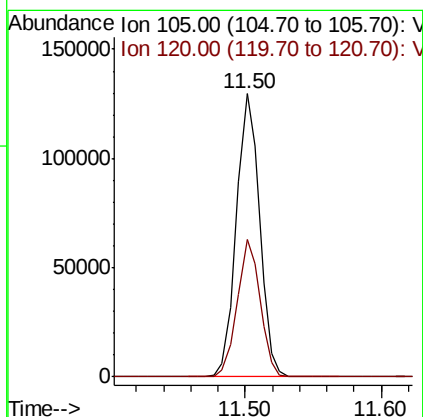
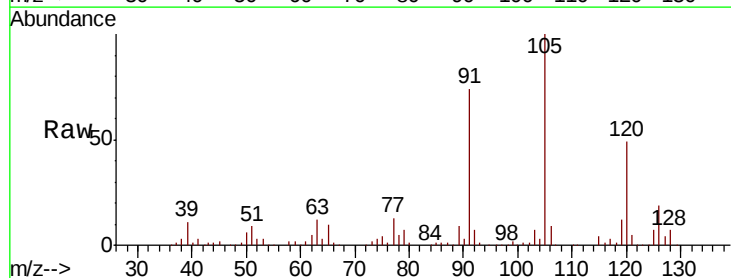
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

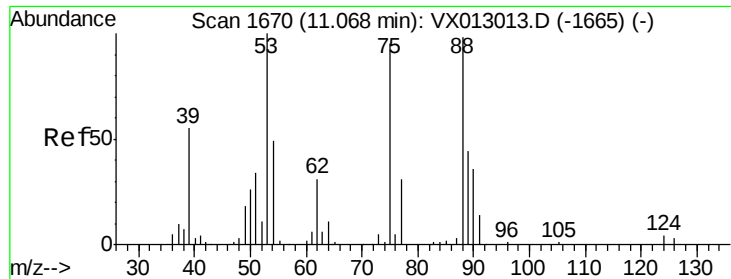
Tot Ion: 91 Resp: 126100
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 22.020 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion: 105 Resp: 154184
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.676 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX1011WBS01

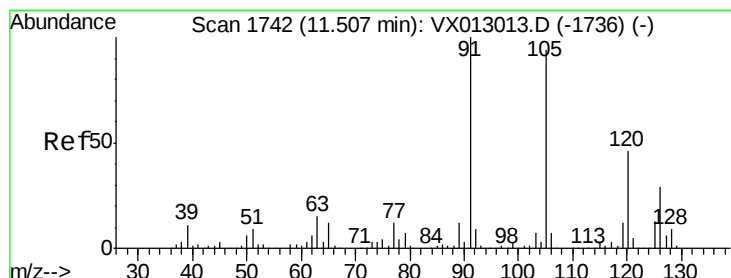
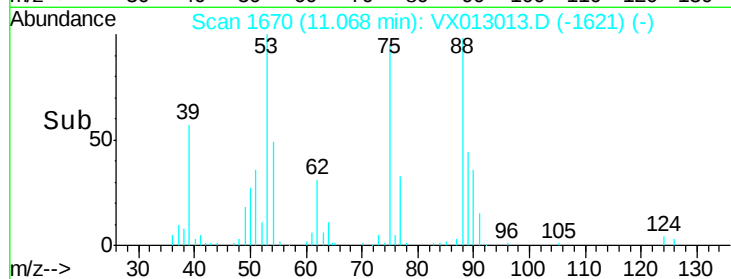
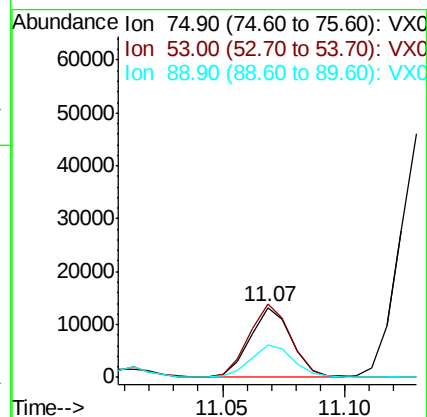
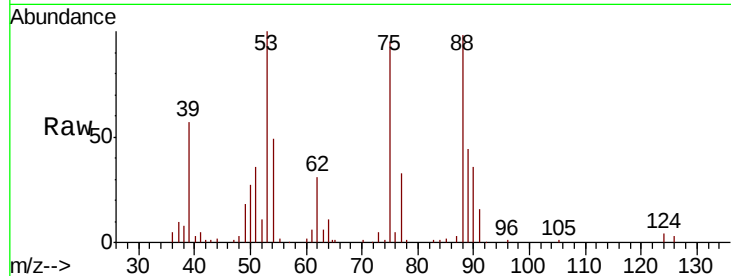
Tot Ion: 75 Resp: 15632

Ion Ratio Lower Upper

75 100

53 107.2 78.5 117.7

89 47.7 37.4 56.2



#82

4-Chlorotoluene

Concen: 21.300 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013013.D

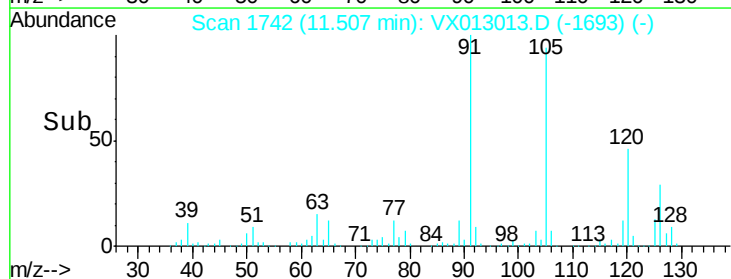
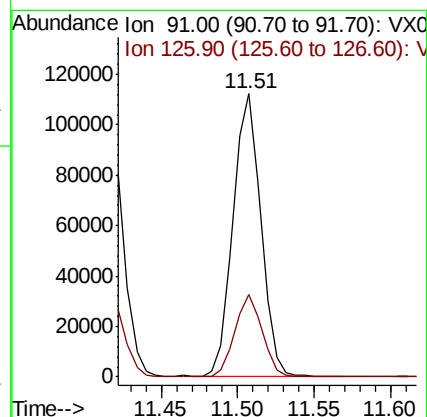
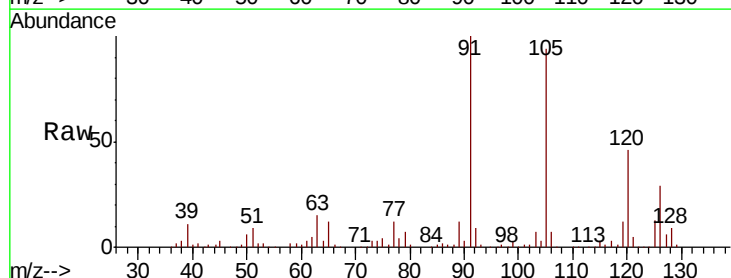
Acq: 11 Oct 2019 14:00

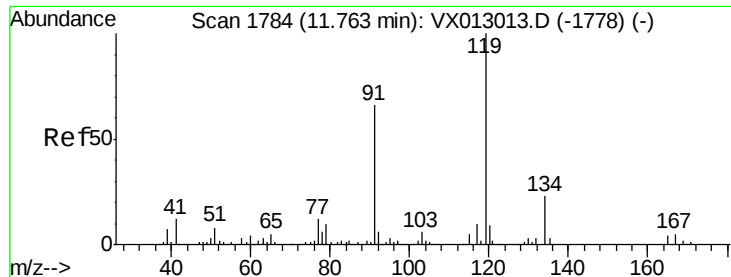
Tgt Ion: 91 Resp: 141574

Ion Ratio Lower Upper

91 100

126 28.3 14.2 42.6

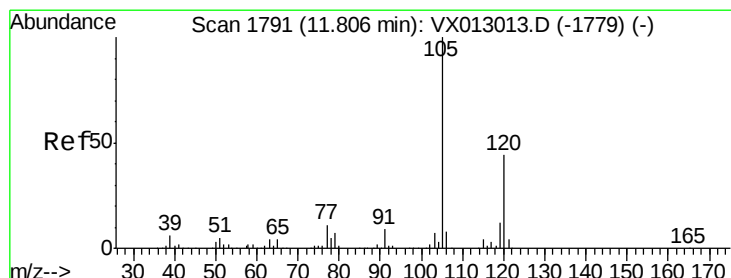
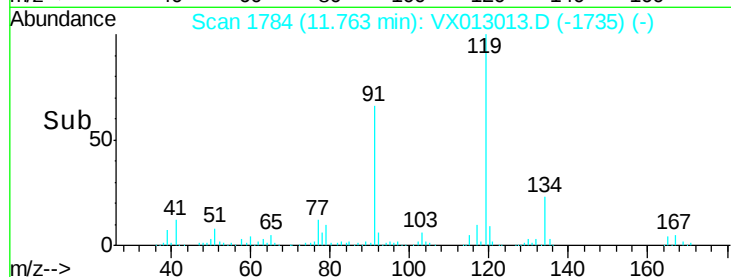
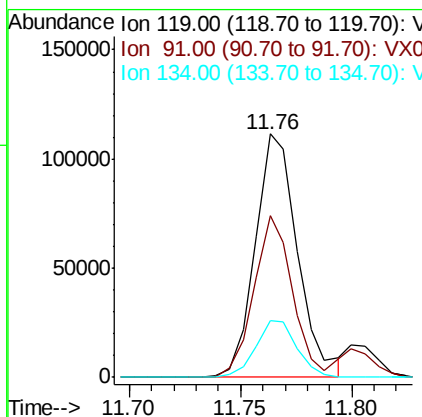
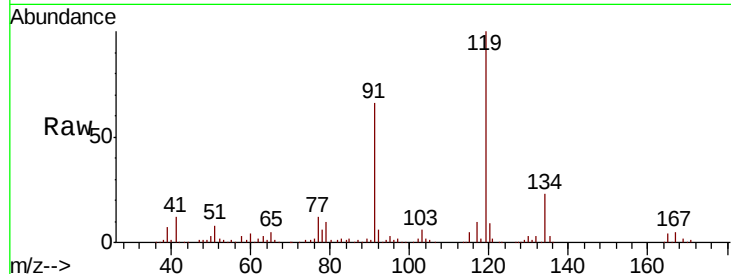




#83
 tert-Butylbenzene
 Concen: 21.633 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

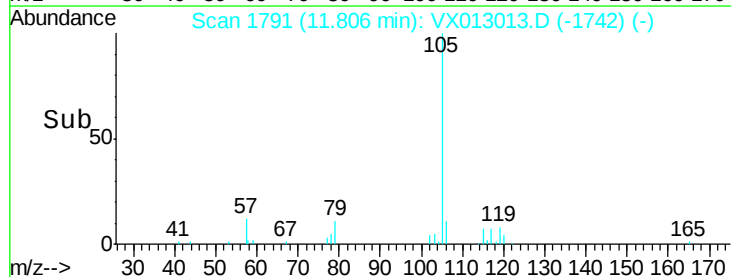
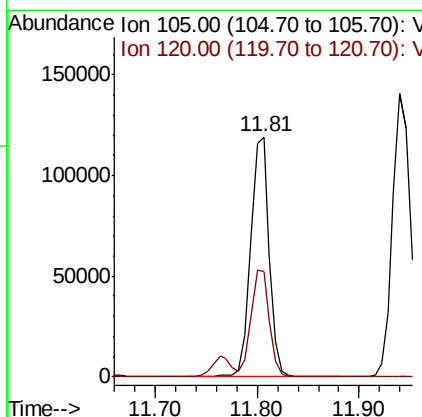
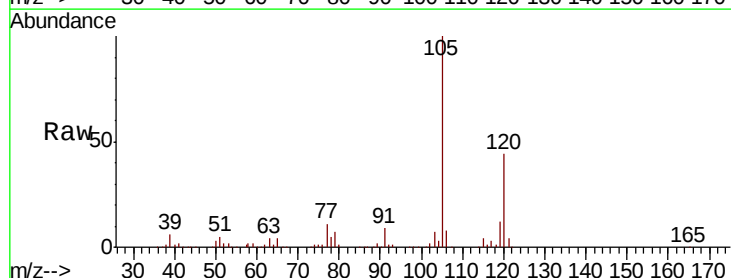
Instrument :
 MSVOA_X
 ClientSampled :
 VX1011WBS01

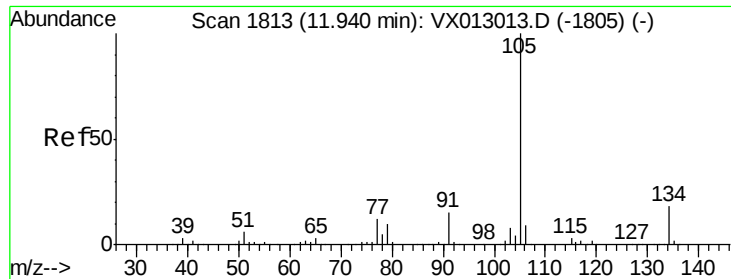
Tot Ion:119 Resp: 147762
 Ion Ratio Lower Upper
 119 100
 91 60.2 29.3 87.9
 134 22.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.456 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion:105 Resp: 152154
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.8 65.3





#85

sec-Butylbenzene

Concen: 21.917 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

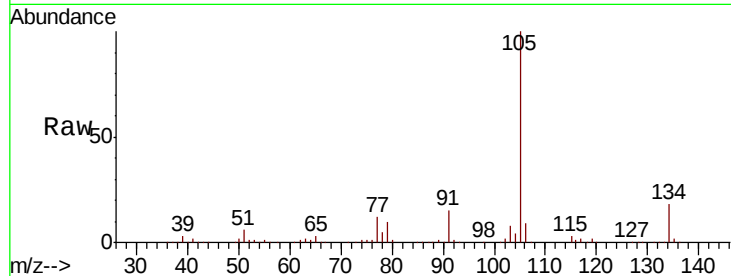
VX1011WBS01

Tot Ion:105 Resp: 173431

Ion Ratio Lower Upper

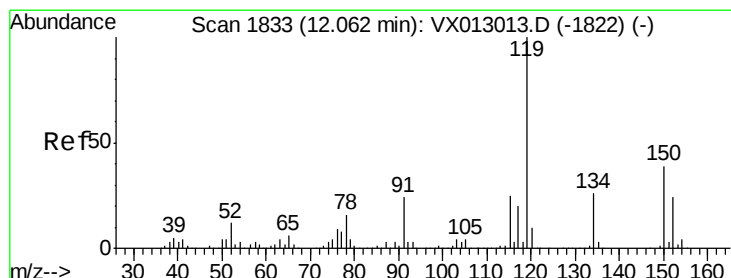
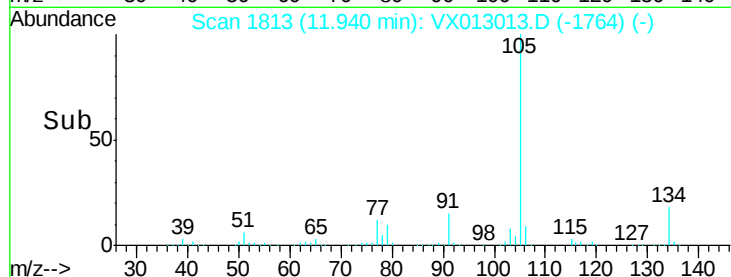
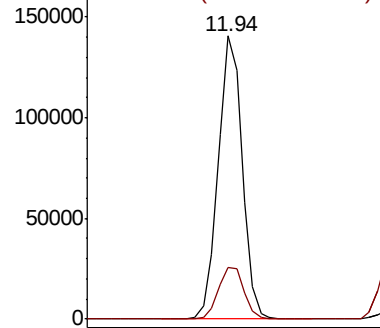
105 100

134 19.5 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.360 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013013.D

Acq: 11 Oct 2019 14:00

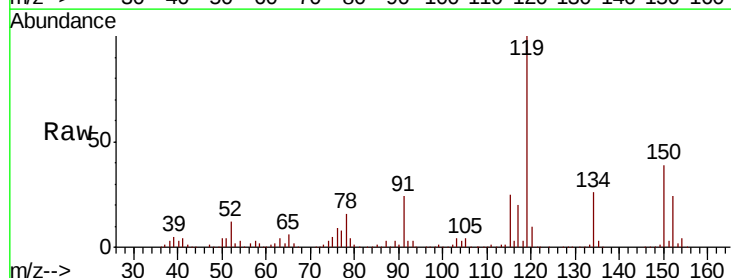
Tgt Ion:119 Resp: 156761

Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

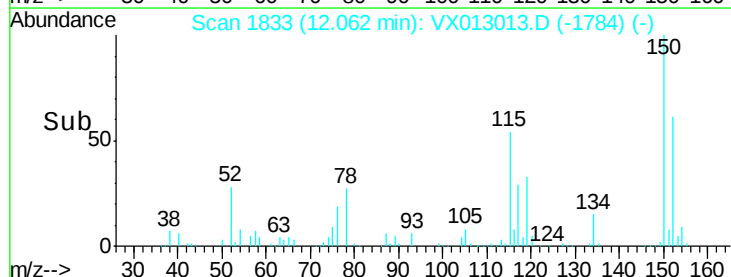
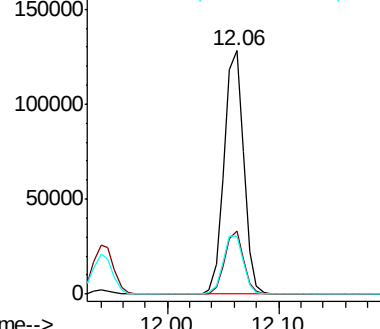
91 24.7 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

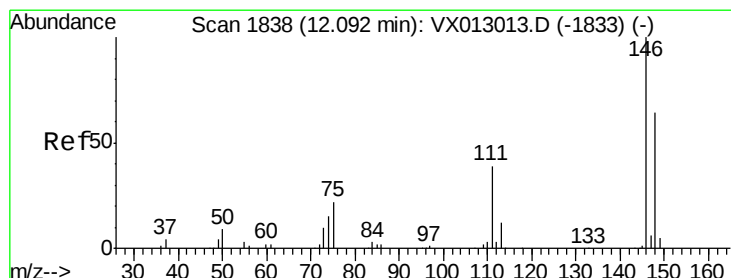
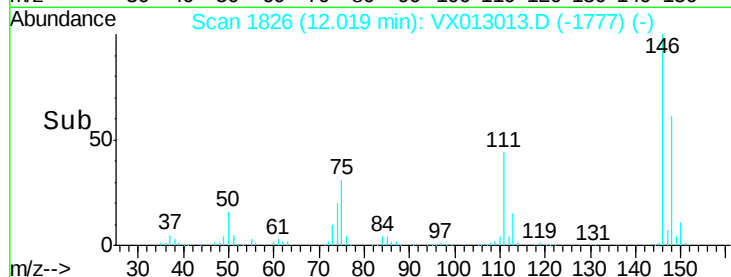
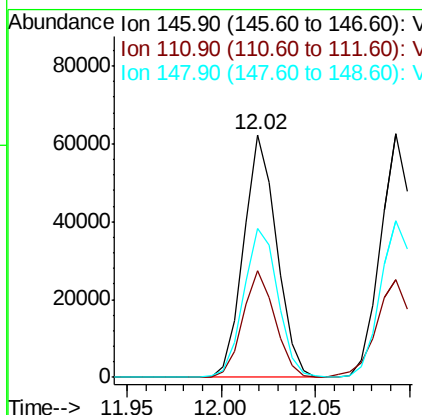
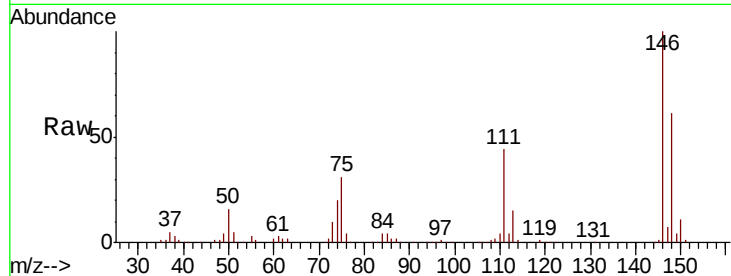




#87
 1,3-Dichlorobenzene
 Concen: 20.687 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

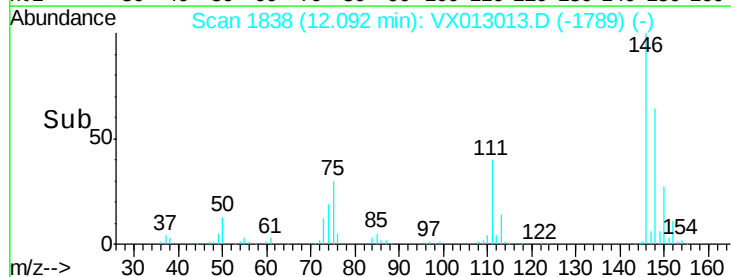
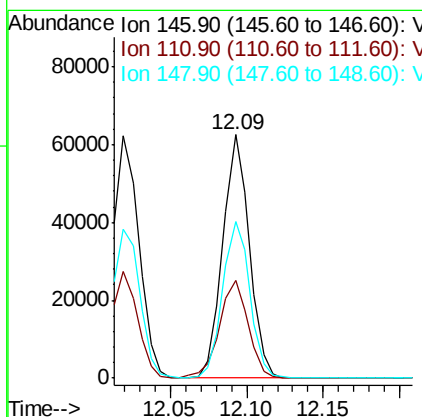
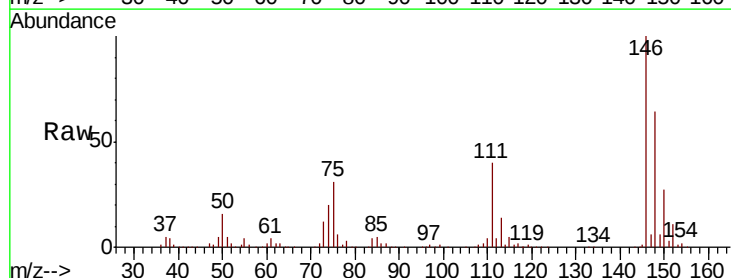
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

Tot Ion:146 Resp: 75909
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.1 63.4
 148 63.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.238 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion:146 Resp: 75210
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.4 64.3
 148 65.8 32.1 96.5

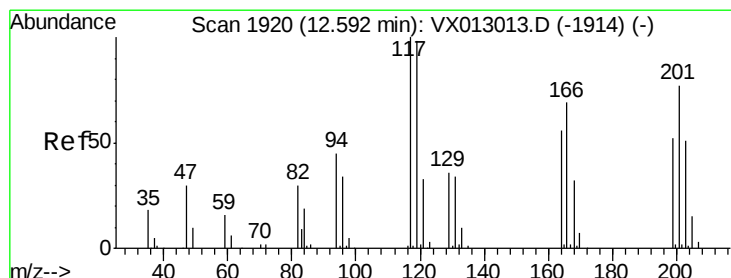
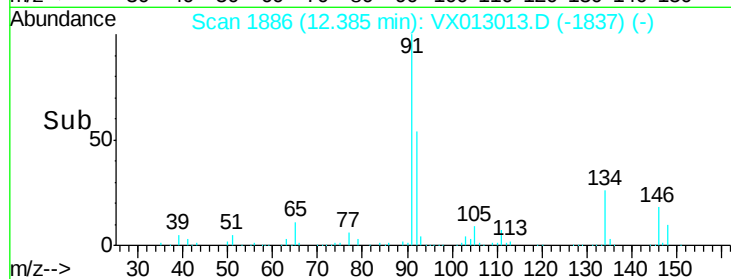
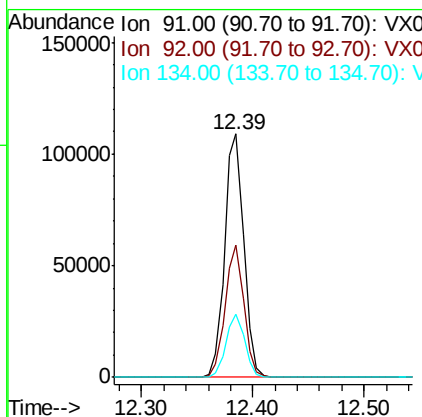
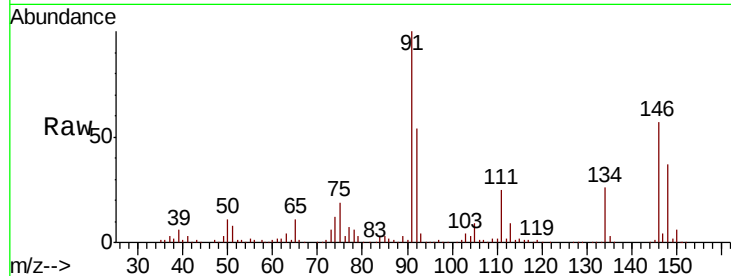




#89
n-Butylbenzene
Concen: 20.946 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

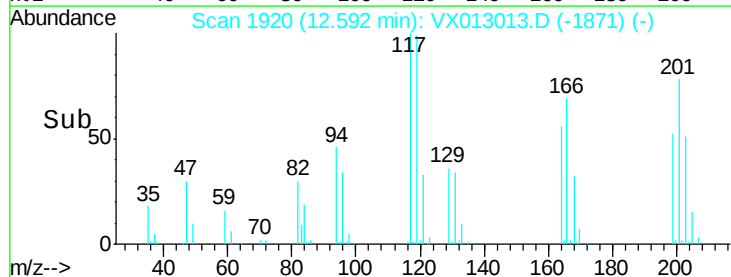
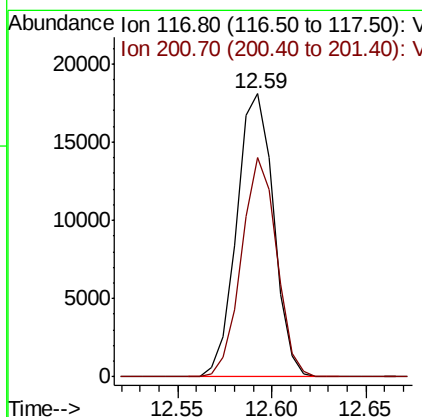
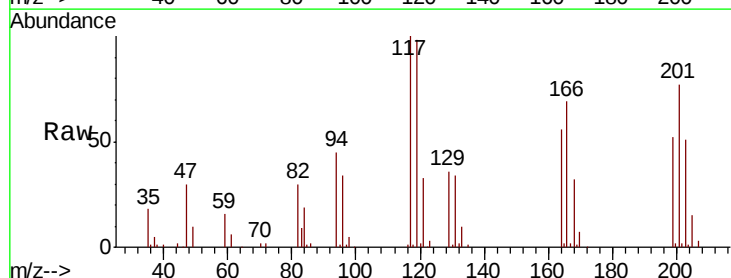
Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

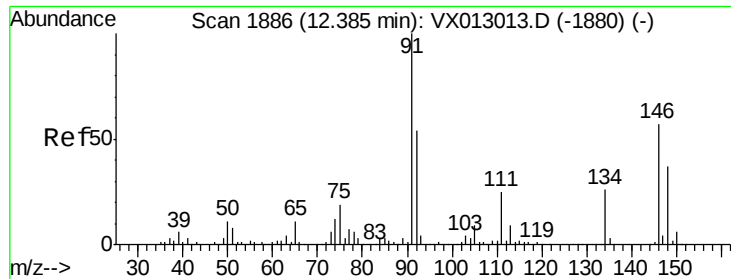
Tot Ion: 91 Resp: 129198
Ion Ratio Lower Upper
91 100
92 53.4 27.5 82.5
134 25.5 12.9 38.7



#90
Hexachloroethane
Concen: 19.463 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion: 117 Resp: 24619
Ion Ratio Lower Upper
117 100
201 74.1 36.9 110.7

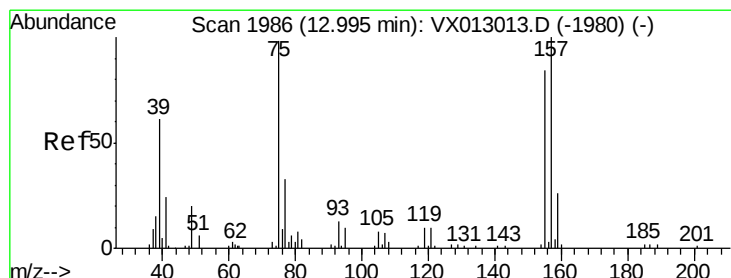
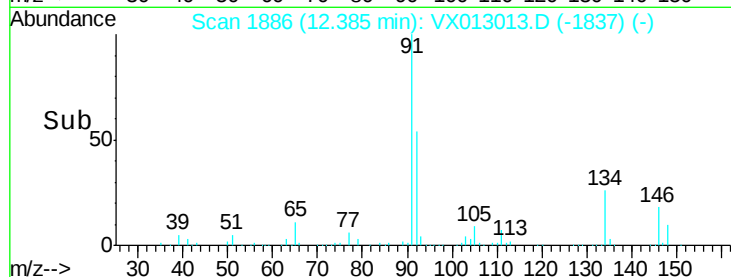
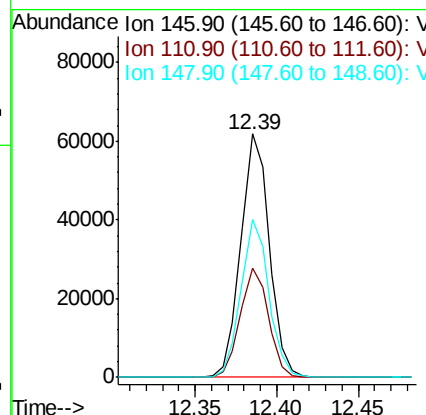
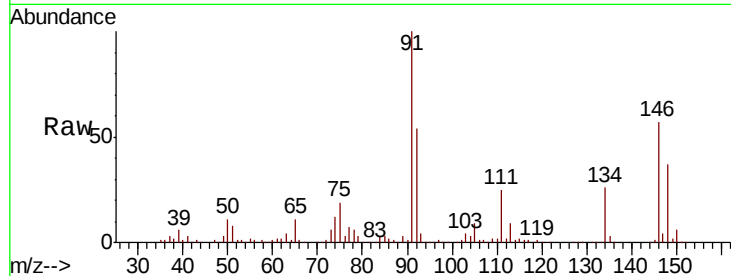




#91
 1,2-Dichlorobenzene
 Concen: 21.040 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

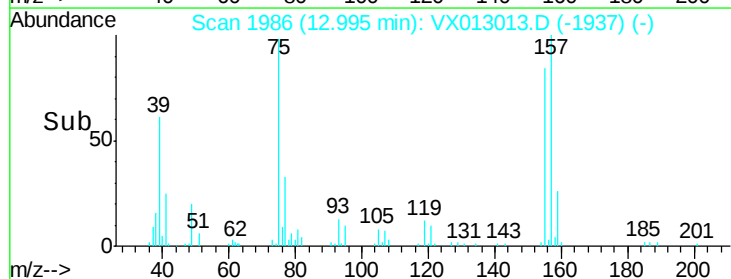
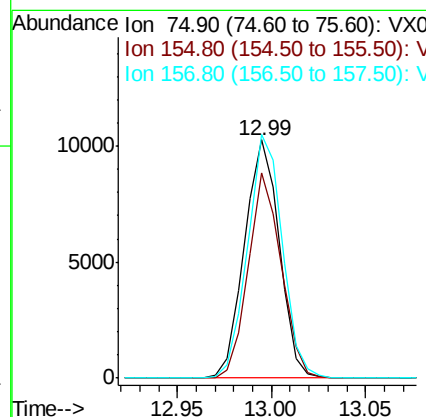
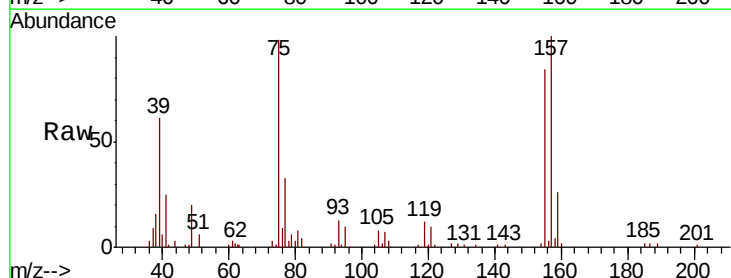
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

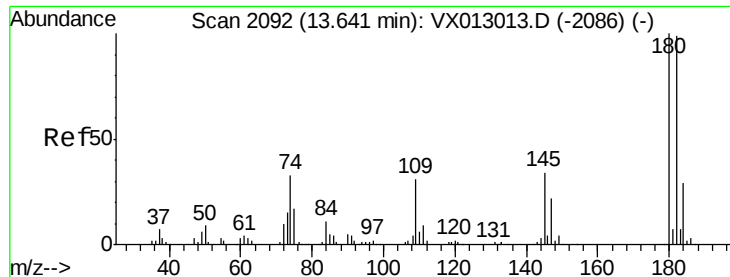
Tot Ion:146 Resp: 75688
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.7 68.0
 148 63.3 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.087 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion: 75 Resp: 13131
 Ion Ratio Lower Upper
 75 100
 155 81.6 43.0 128.8
 157 102.0 54.1 162.3

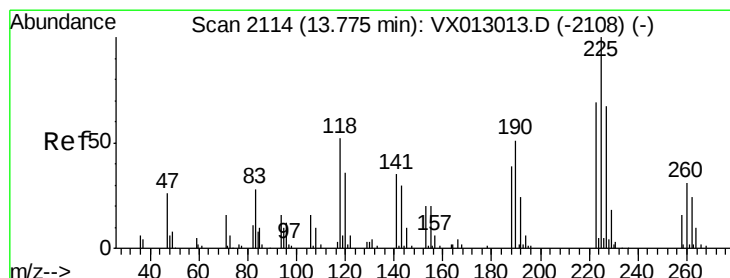
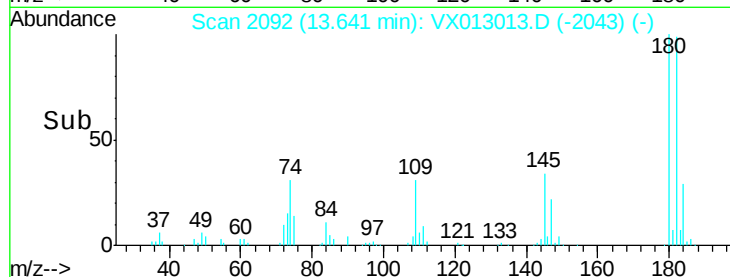
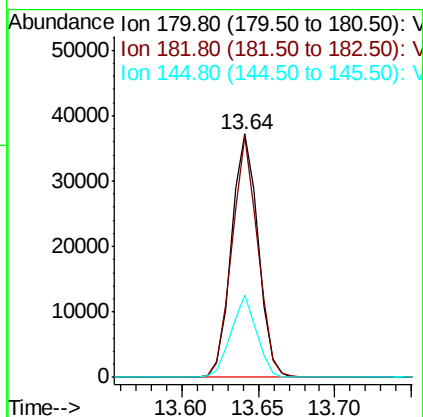
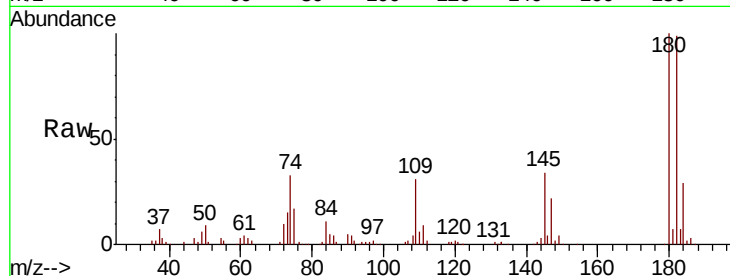




#93
 1,2,4-Trichlorobenzene
 Concen: 19.917 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

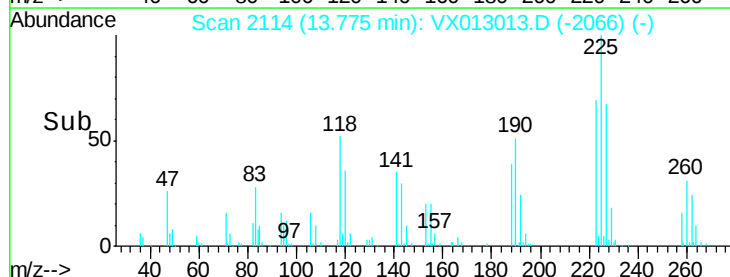
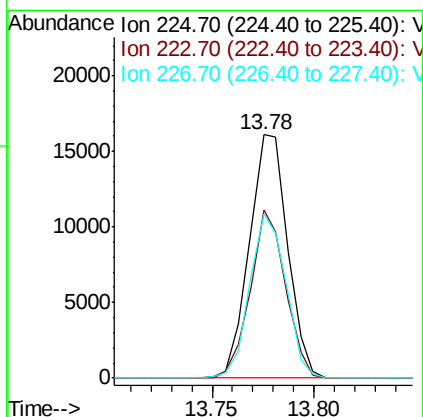
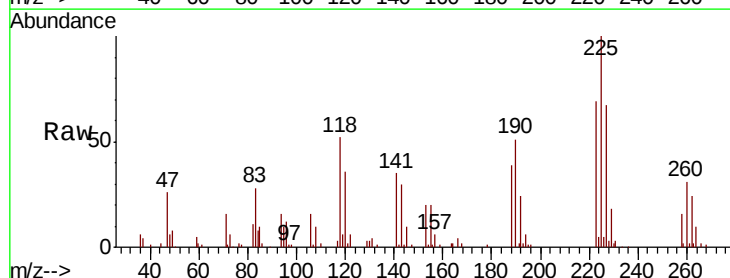
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS01

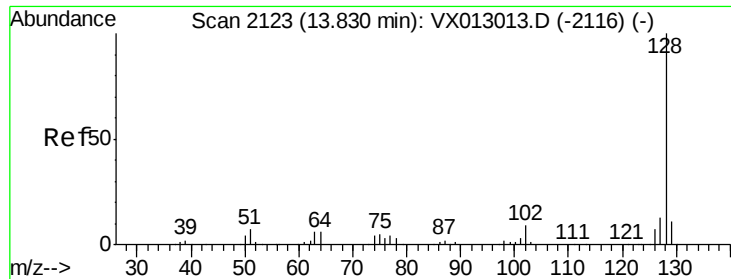
Tot Ion:180 Resp: 44883
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.8 140.4
 145 32.4 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 20.281 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013013.D
 Acq: 11 Oct 2019 14:00

Tgt Ion:225 Resp: 21092
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.2
 227 63.3 32.3 96.9

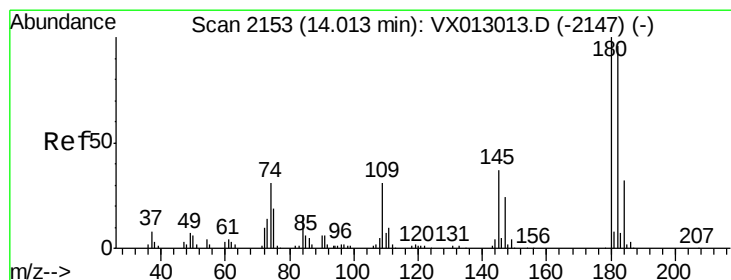
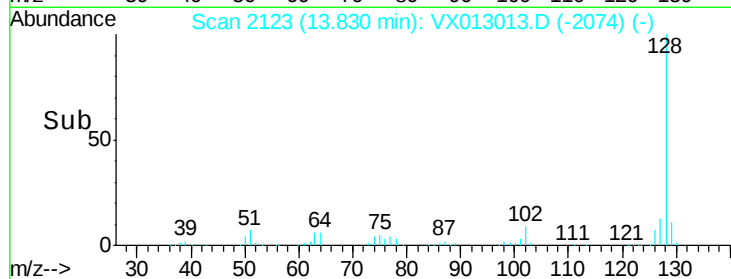
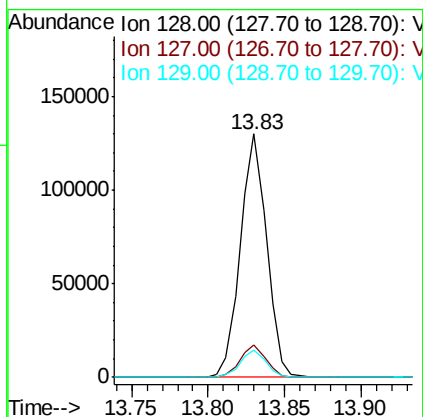
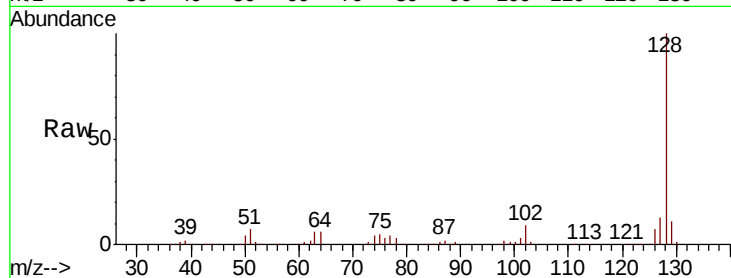




#95
Naphthalene
Concen: 19.834 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBS01

Tot Ion:128 Resp: 154937
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.578 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013013.D
Acq: 11 Oct 2019 14:00

Tgt Ion:180 Resp: 45593
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 34.7 17.4 52.3

