

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013125.D
 Acq On : 18 Oct 2019 14:25
 Operator : JC/SP
 Sample : VX1018WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Quant Time: Oct 18 23:55:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250331	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109709	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	93244	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
35) Dibromofluoromethane	5.48	113	74866	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	8.71	98	282186	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	109862	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	38164	23.556	ug/l	99
3) Chloromethane	1.32	50	35154	19.937	ug/l	99
4) Vinyl Chloride	1.40	62	36033	19.799	ug/l	98
5) Bromomethane	1.63	94	18888	24.967	ug/l	96
6) Chloroethane	1.72	64	21946	19.964	ug/l	98
7) Trichlorofluoromethane	1.92	101	54915	22.356	ug/l	98
8) Diethyl Ether	2.17	74	19277	19.443	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35444	22.295	ug/l	97
10) Methyl Iodide	2.50	142	32883	21.484	ug/l	100
11) Tert butyl alcohol	3.03	59	43602	82.795	ug/l	100
12) 1,1-Dichloroethene	2.36	96	32794	20.417	ug/l	95
13) Acrolein	2.28	56	31057	82.984	ug/l	97
14) Allyl chloride	2.72	41	53467	18.692	ug/l	98
15) Acrylonitrile	3.12	53	90701	90.883	ug/l	99
16) Acetone	2.43	43	93641	89.426	ug/l	99
17) Carbon Disulfide	2.56	76	84570	18.465	ug/l	99
18) Methyl Acetate	2.76	43	44330	17.861	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	111944	20.182	ug/l	95
20) Methylene Chloride	2.84	84	37779	19.631	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	35299	20.504	ug/l	92
22) Diisopropyl ether	3.84	45	105939	19.328	ug/l	# 88
23) Vinyl Acetate	3.80	43	448162	94.715	ug/l	99
24) 1,1-Dichloroethane	3.68	63	61646	19.992	ug/l	100
25) 2-Butanone	4.65	43	126987	87.411	ug/l	97
26) 2,2-Dichloropropane	4.57	77	54207	20.905	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	40005	20.160	ug/l	99
28) Bromochloromethane	5.00	49	16069	17.143	ug/l	95
29) Tetrahydrofuran	5.11	42	76722	85.821	ug/l	95
30) Chloroform	5.19	83	64699	20.449	ug/l	99
31) Cyclohexane	5.57	56	57797	20.045	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	57063	21.285	ug/l	99
36) 1,1-Dichloropropene	5.78	75	48845	22.193	ug/l	99
37) Ethyl Acetate	4.81	43	47375	19.250	ug/l	98
38) Carbon Tetrachloride	5.77	117	47953	22.384	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	61936	23.205	ug/l	95
40) Benzene	6.13	78	142884	21.981	ug/l	97
41) Methacrylonitrile	5.02	41	25449	18.819	ug/l	96
42) 1,2-Dichloroethane	6.18	62	53434	22.908	ug/l	99
43) Isopropyl Acetate	6.43	43	78394	19.846	ug/l	98
44) Trichloroethene	7.20	130	38607	21.418	ug/l	89
45) 1,2-Dichloropropane	7.50	63	36121	21.802	ug/l	94
46) Dibromomethane	7.65	93	24655	22.336	ug/l	95
47) Bromodichloromethane	7.89	83	46884	21.765	ug/l	97
48) Methyl methacrylate	7.76	41	38350	19.923	ug/l	99
49) 1,4-Dioxane	7.73	88	18461	379.928	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	241935	98.237	ug/l	99
52) Toluene	8.78	92	93599	22.507	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	50780	20.239	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	58378	22.035	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	36528	22.195	ug/l	95
56) Ethyl methacrylate	9.17	69	56672	20.357	ug/l	96
57) 1,3-Dichloropropane	9.36	76	62580	21.982	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	111848	92.511	ug/l	98
59) 2-Hexanone	9.48	43	184366	96.168	ug/l	99
60) Dibromochloromethane	9.57	129	36518	21.056	ug/l	98
61) 1,2-Dibromoethane	9.67	107	38386	22.172	ug/l	100
64) Tetrachloroethene	9.33	164	38495	24.758	ug/l	94
65) Chlorobenzene	10.14	112	97373	21.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	35907	23.263	ug/l	99
67) Ethyl Benzene	10.25	91	176476	22.317	ug/l	99
68) m/p-Xylenes	10.36	106	134227	45.437	ug/l	99
69) o-Xylene	10.70	106	64714	22.464	ug/l	98
70) Styrene	10.71	104	108360	22.126	ug/l	99
71) Bromoform	10.85	173	23837	20.125	ug/l #	96
73) Isopropylbenzene	11.01	105	172972	21.445	ug/l	100
74) N-amyl acetate	10.89	43	65934	18.980	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	53598	19.979	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60937	25.043	ug/l	76
77) Bromobenzene	11.25	156	40521	21.319	ug/l	98
78) n-propylbenzene	11.35	91	192620	21.702	ug/l	100
79) 2-Chlorotoluene	11.42	91	115710	20.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	142301	21.128	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15951	19.564	ug/l	98
82) 4-Chlorotoluene	11.51	91	129440	20.246	ug/l	99
83) tert-Butylbenzene	11.76	119	141467	21.532	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	148594	21.784	ug/l	99
85) sec-Butylbenzene	11.94	105	163315	21.456	ug/l	100
86) p-Isopropyltoluene	12.06	119	151849	21.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	71370	20.220	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	72673	20.330	ug/l	98
89) n-Butylbenzene	12.39	91	128111	21.592	ug/l	100
90) Hexachloroethane	12.59	117	24311	19.924	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	71670	20.712	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11578	18.413	ug/l	95

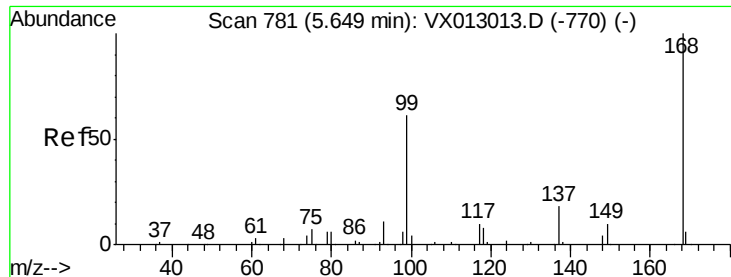
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
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Acq On : 18 Oct 2019 14:25
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43054	19.862	ug/l	96
94) Hexachlorobutadiene	13.78	225	22501	22.493	ug/l	97
95) Naphthalene	13.83	128	147529	19.633	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	43928	19.610	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

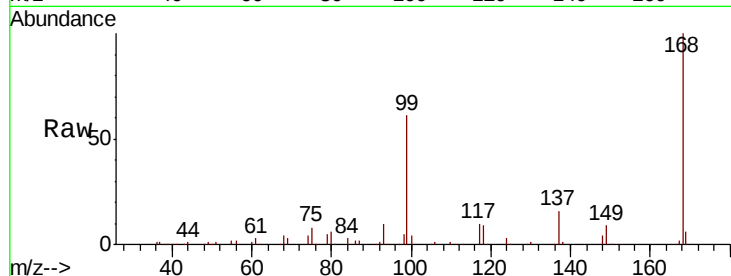
VX1018WBS01

Tot Ion:168 Resp: 158944

Ion Ratio Lower Upper

168 100

99 60.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

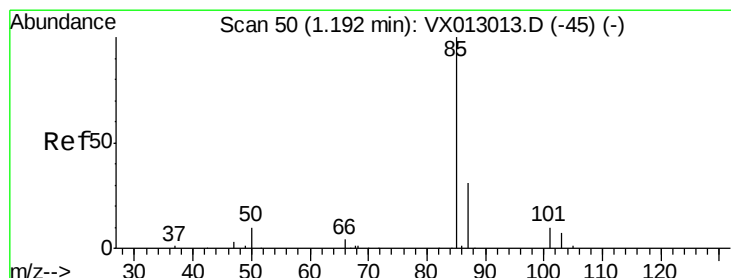
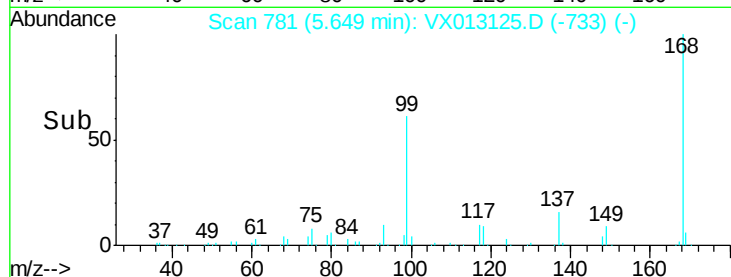
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 23.556 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013125.D

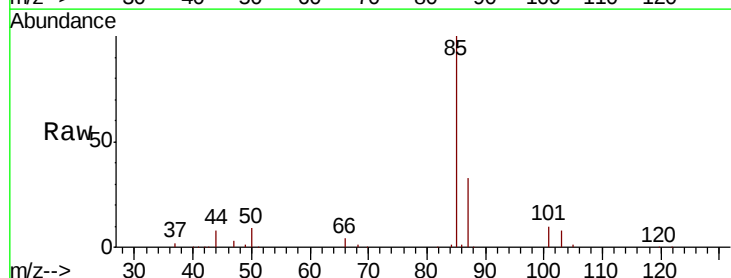
Acq: 18 Oct 2019 14:25

Tgt Ion: 85 Resp: 38164

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

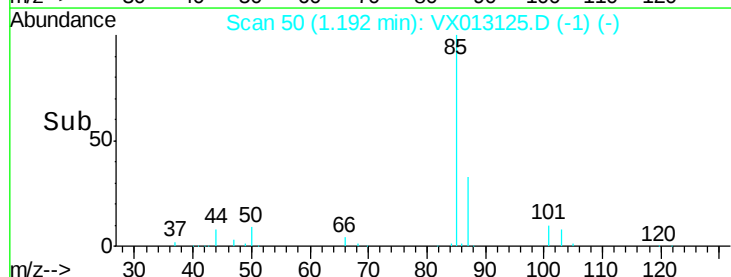
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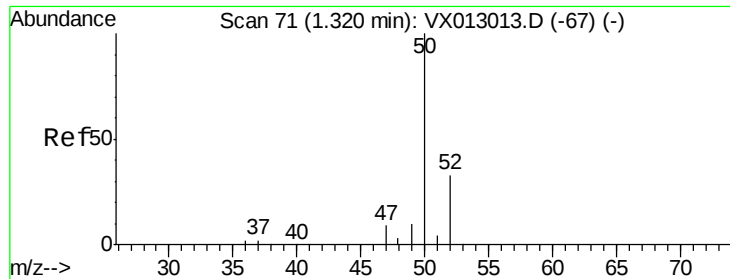
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.937 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

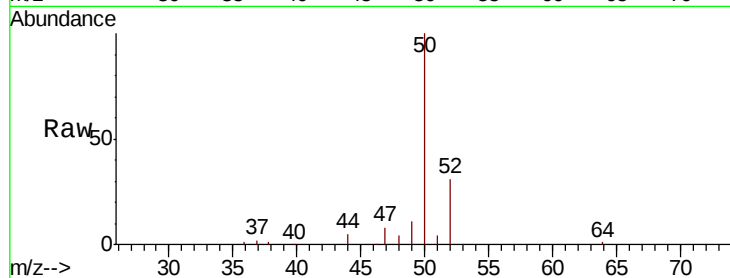
VX1018WBS01

Tot Ion: 50 Resp: 35154

Ion Ratio Lower Upper

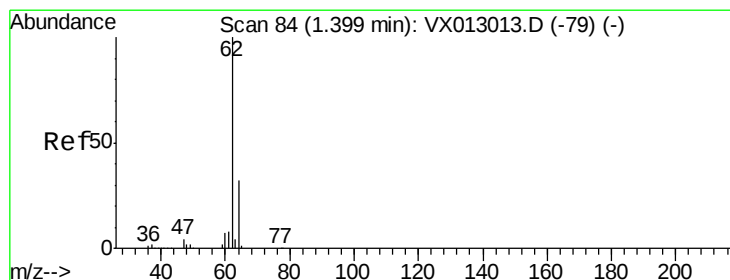
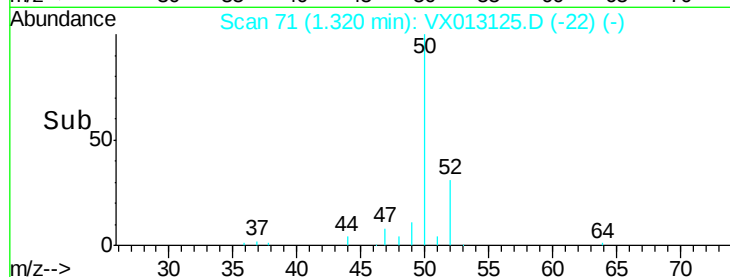
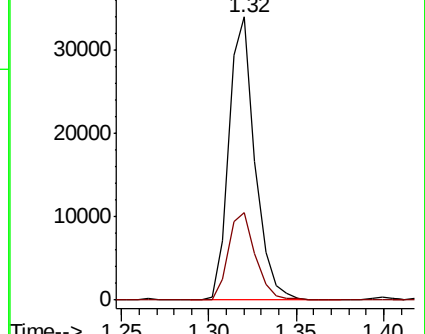
50 100

52 31.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.799 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013125.D

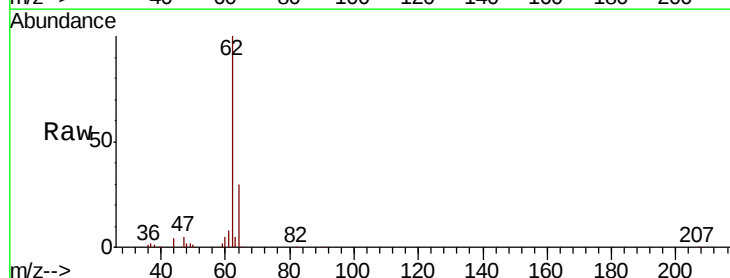
Acq: 18 Oct 2019 14:25

Tgt Ion: 62 Resp: 36033

Ion Ratio Lower Upper

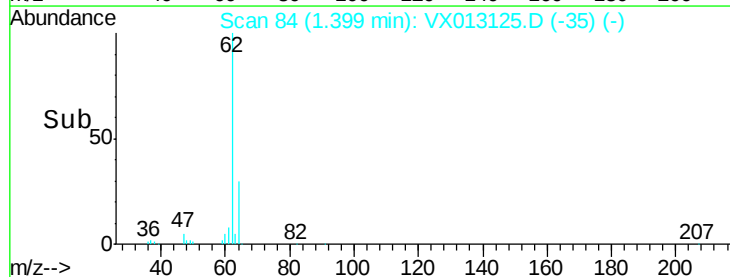
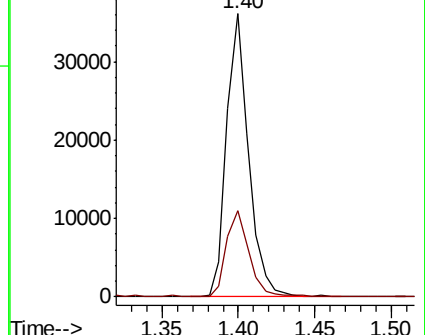
62 100

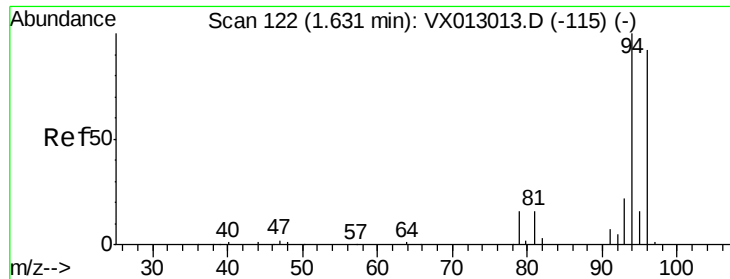
64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.967 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

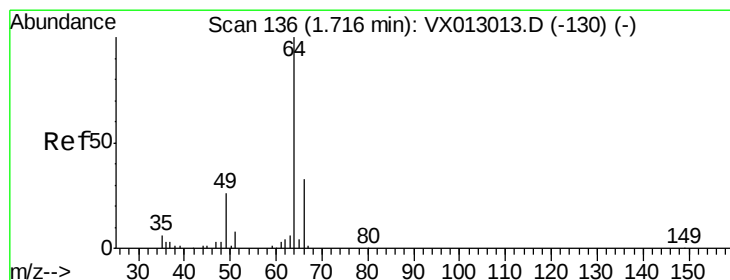
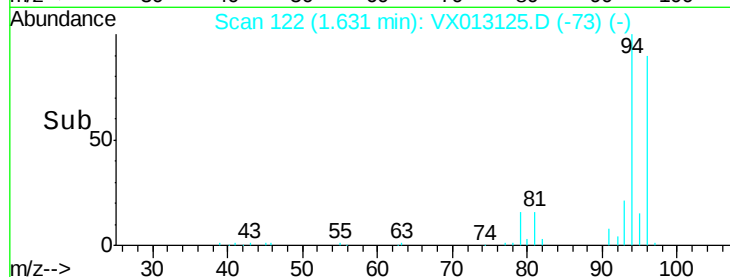
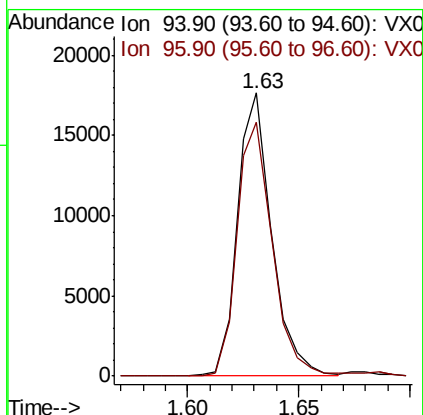
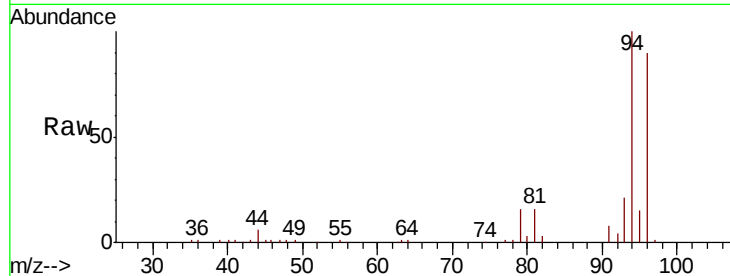
VX1018WBS01

Tot Ion: 94 Resp: 18888

Ion Ratio Lower Upper

94 100

96 89.6 74.7 112.1



#6

Chloroethane

Concen: 19.964 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013125.D

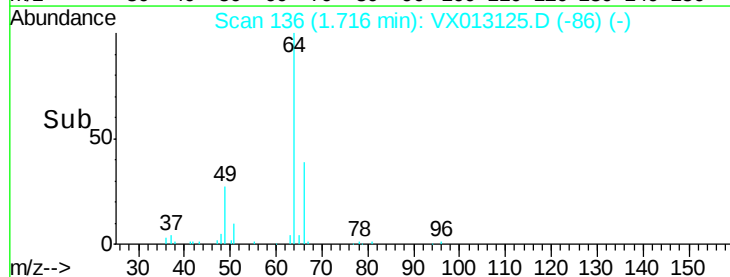
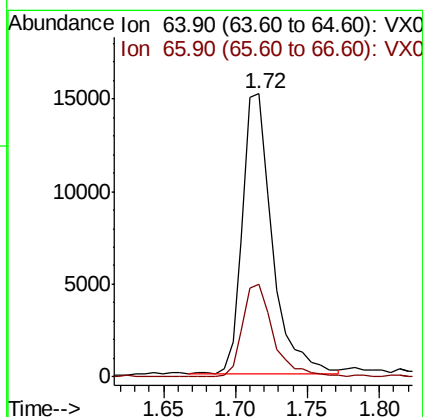
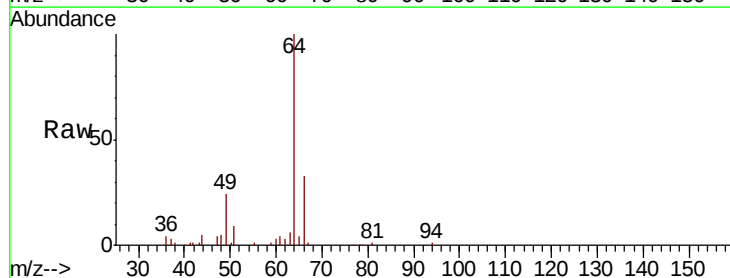
Acq: 18 Oct 2019 14:25

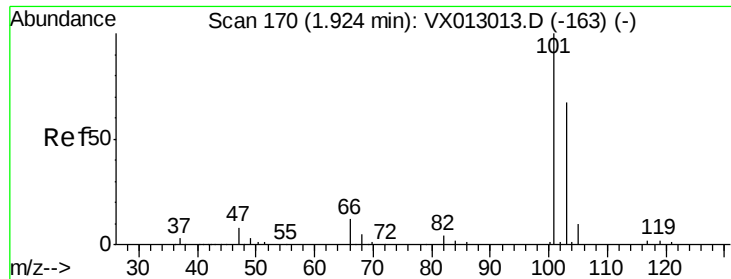
Tgt Ion: 64 Resp: 21946

Ion Ratio Lower Upper

64 100

66 33.1 25.6 38.4



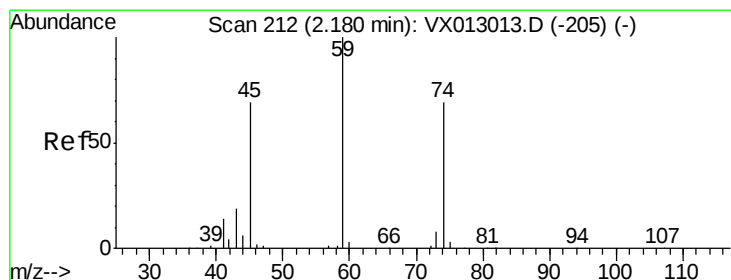
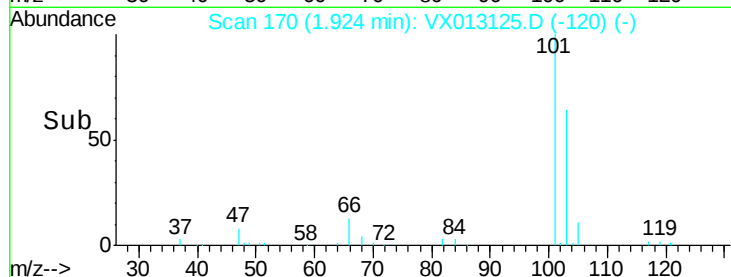
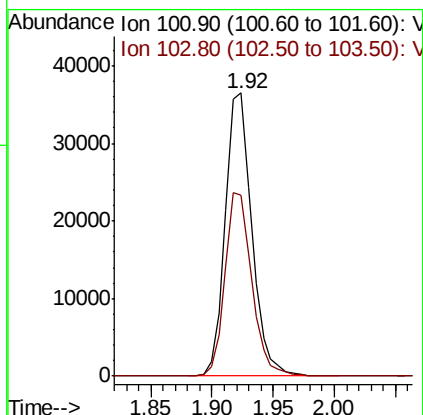
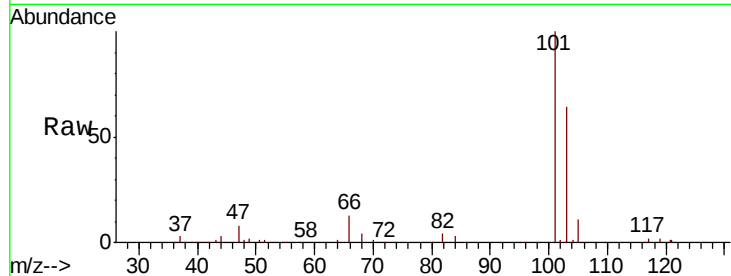


#7

Trichlorofluoromethane
Concen: 22.356 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

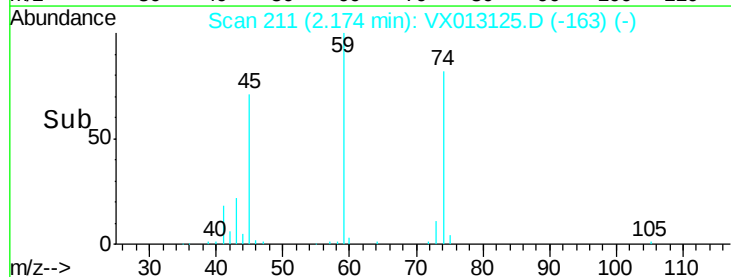
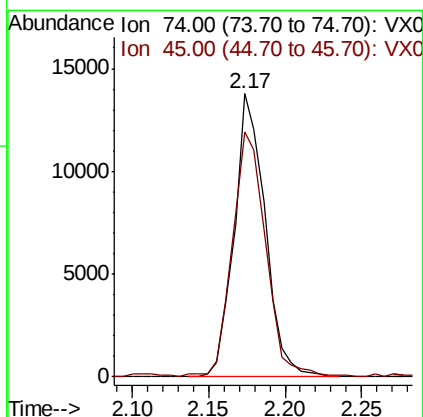
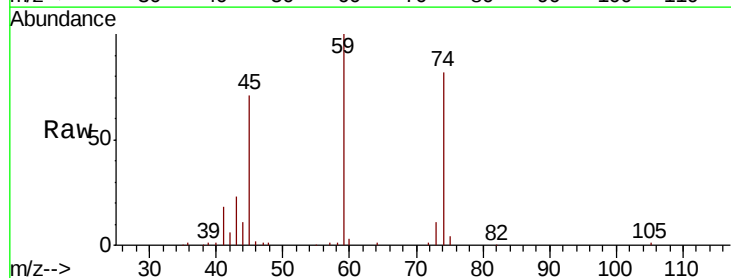
Tot Ion:101 Resp: 54915
Ion Ratio Lower Upper
101 100
103 63.8 52.5 78.7

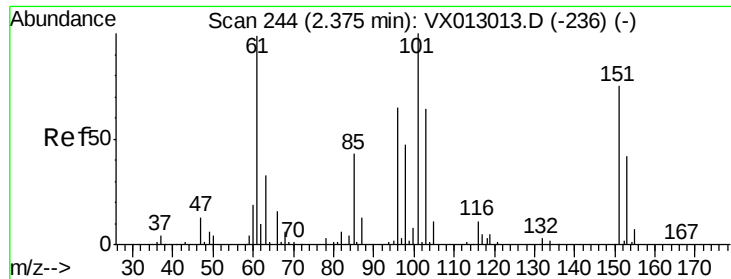


#8

Diethyl Ether
Concen: 19.443 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 74 Resp: 19277
Ion Ratio Lower Upper
74 100
45 93.8 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.295 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

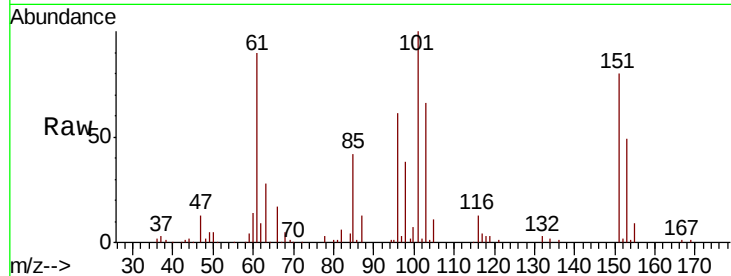
Tot Ion:101 Resp: 35444

Ion Ratio Lower Upper

101 100

85 42.8 35.2 52.8

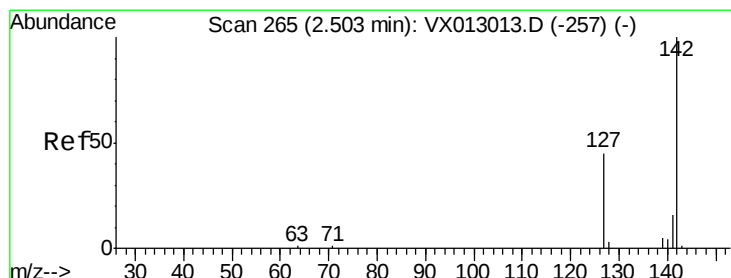
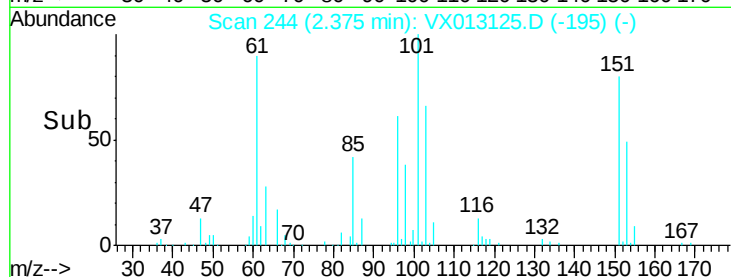
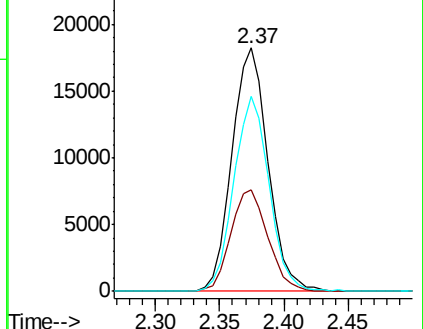
151 78.1 60.3 90.5



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: 21.484 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

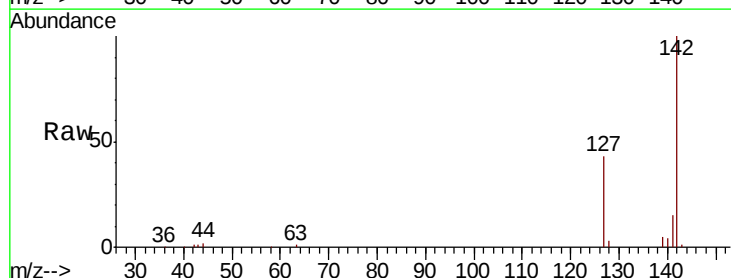
Tgt Ion:142 Resp: 32883

Ion Ratio Lower Upper

142 100

127 43.6 34.9 52.3

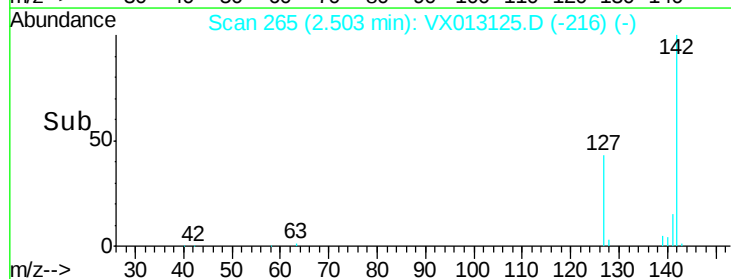
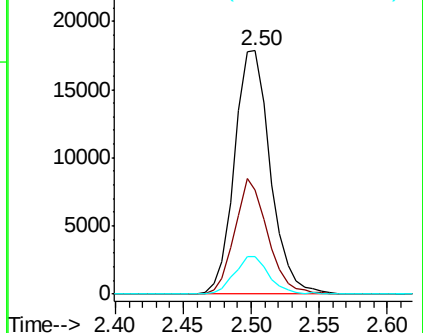
141 14.9 11.6 17.4

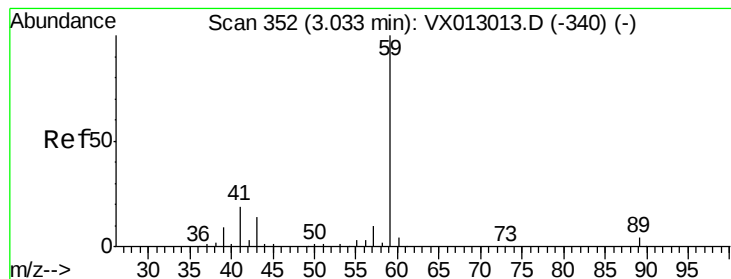


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



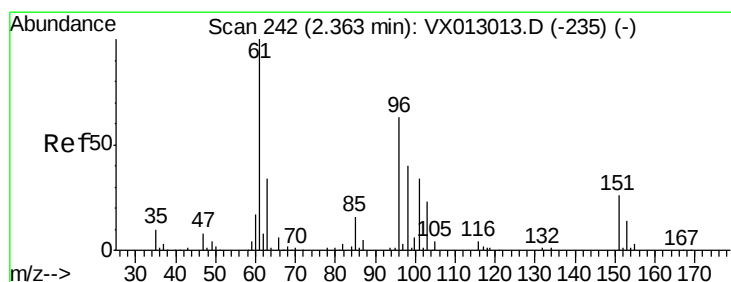
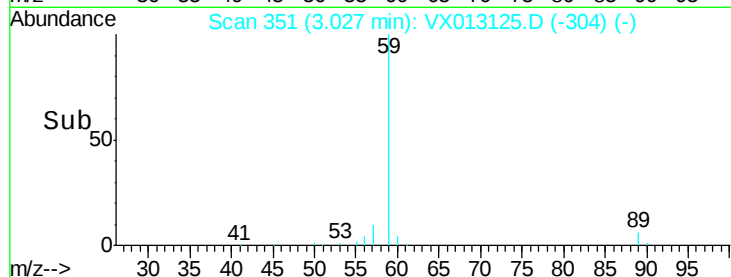
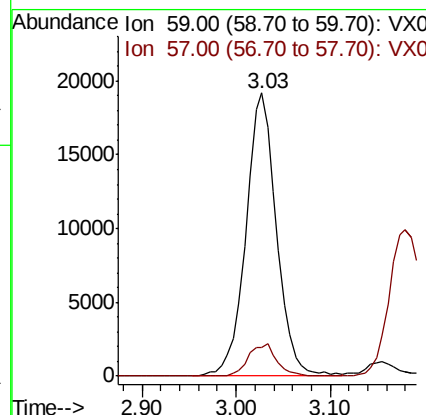
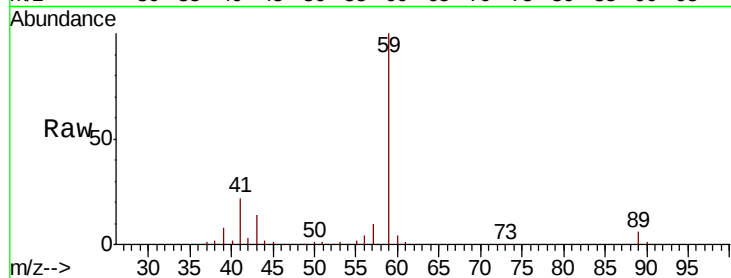


#11

Tert butyl alcohol
 Concen: 82.795 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

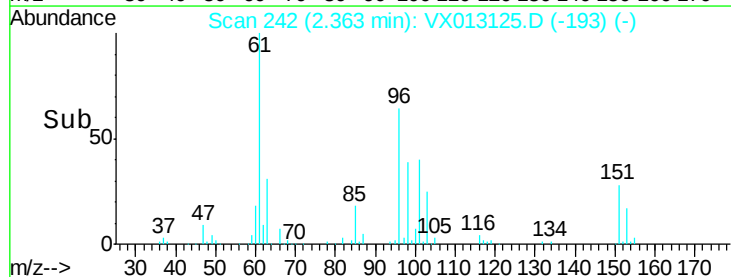
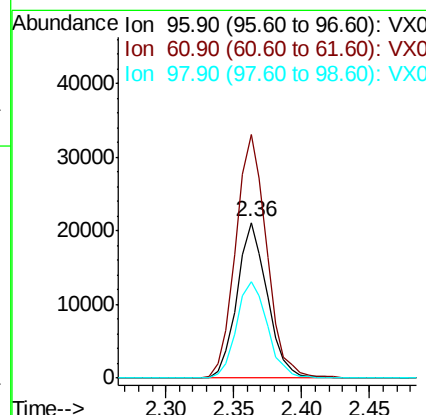
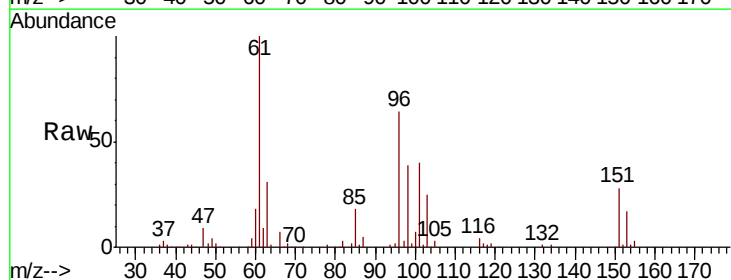
Tot Ion: 59 Resp: 43602
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

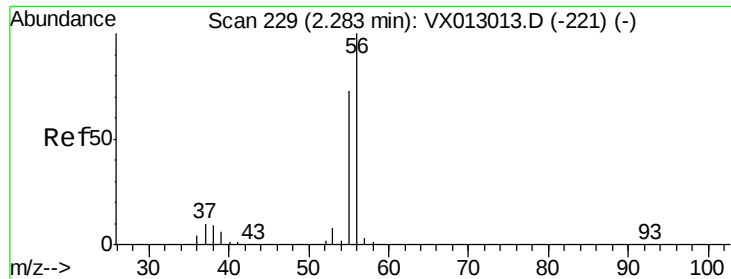


#12

1,1-Dichloroethene
 Concen: 20.417 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 96 Resp: 32794
 Ion Ratio Lower Upper
 96 100
 61 156.3 132.2 198.4
 98 61.7 50.5 75.7





#13

Acrolein

Concen: 82.984 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

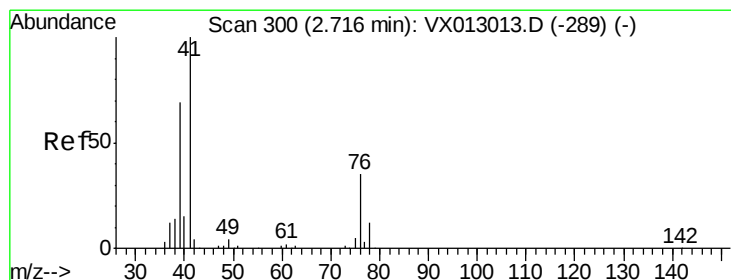
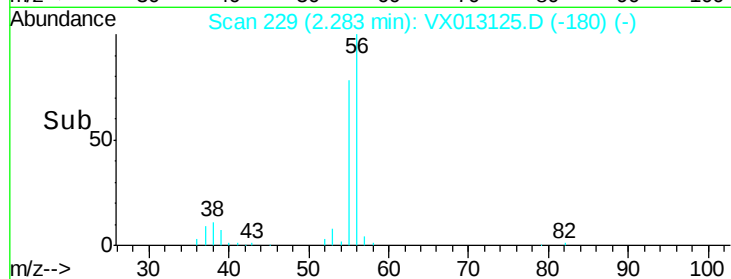
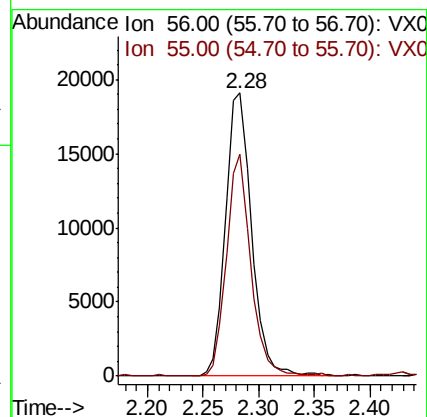
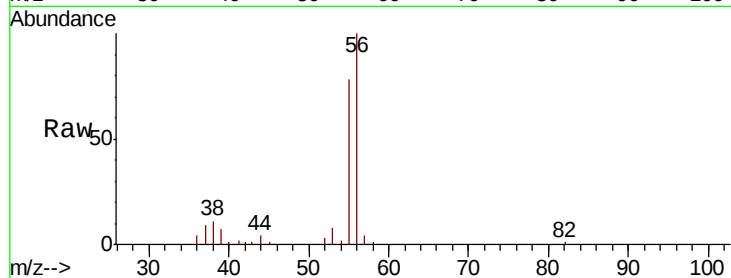
VX1018WBS01

Tot Ion: 56 Resp: 31057

Ion Ratio Lower Upper

56 100

55 73.4 56.6 85.0



#14

Allyl chloride

Concen: 18.692 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

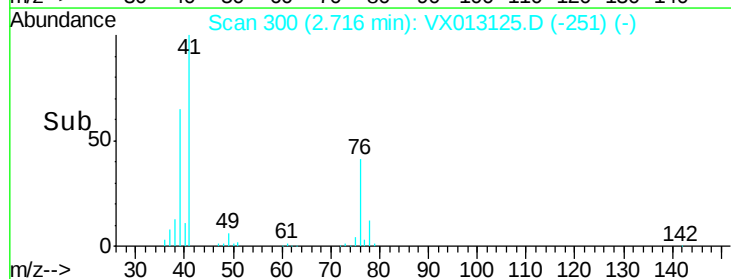
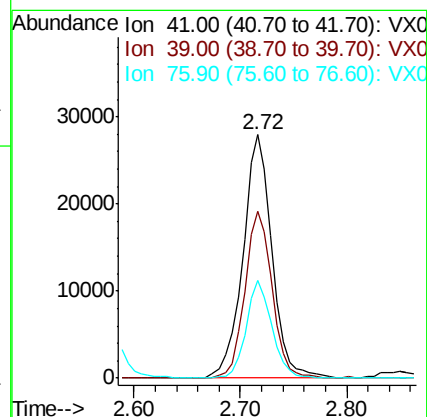
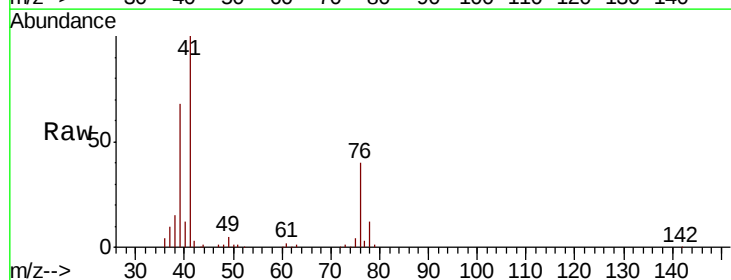
Tgt Ion: 41 Resp: 53467

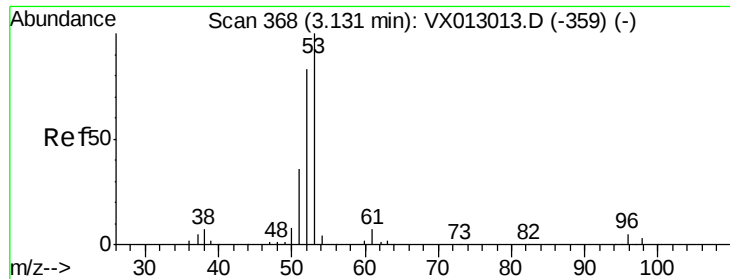
Ion Ratio Lower Upper

41 100

39 64.5 51.0 76.6

76 35.5 26.2 39.4





#15

Acrylonitrile

Concen: 90.883 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

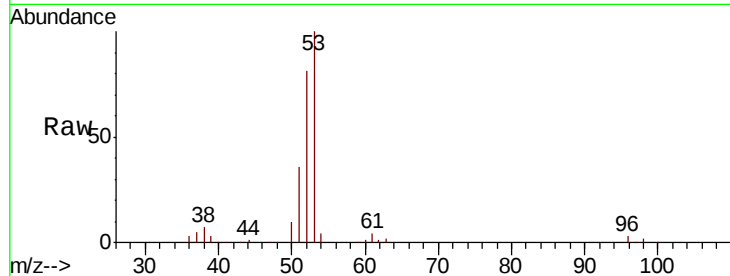
Tot Ion: 53 Resp: 90701

Ion Ratio Lower Upper

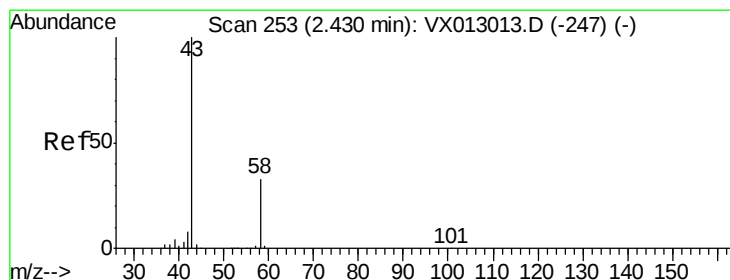
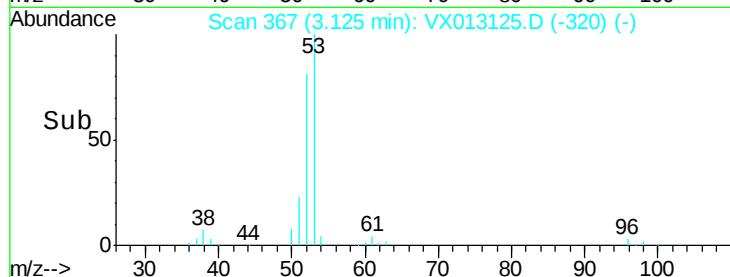
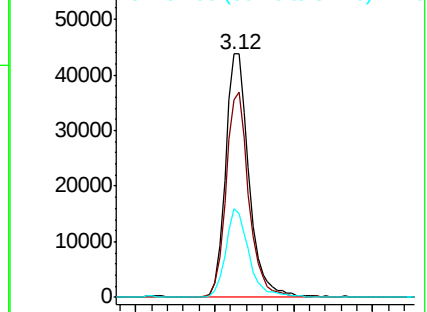
53 100

52 81.6 66.2 99.2

51 36.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 89.426 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013125.D

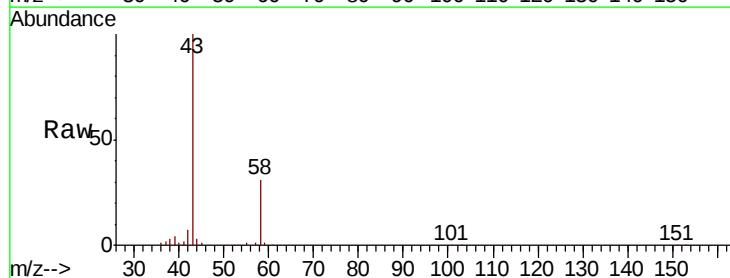
Acq: 18 Oct 2019 14:25

Tgt Ion: 43 Resp: 93641

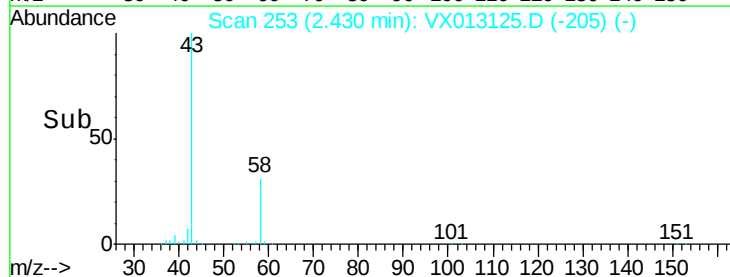
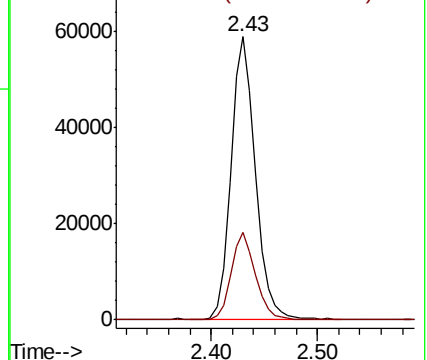
Ion Ratio Lower Upper

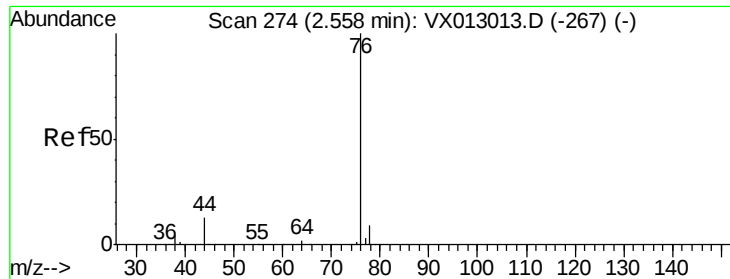
43 100

58 31.1 25.4 38.2



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

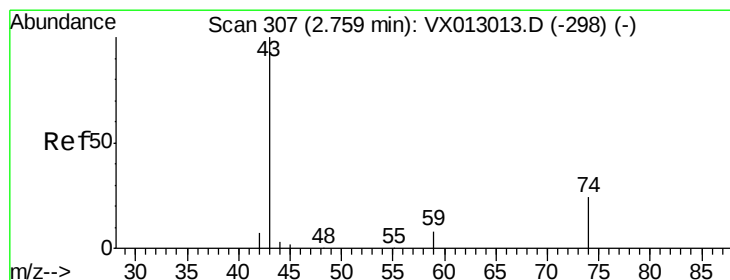
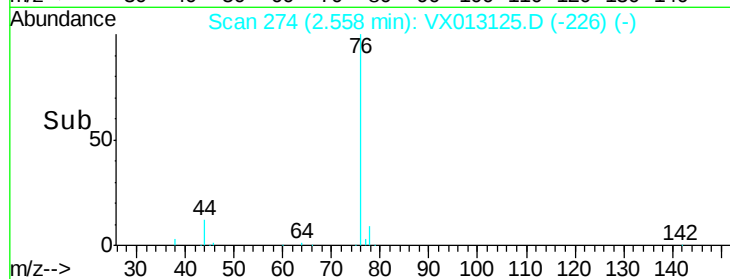
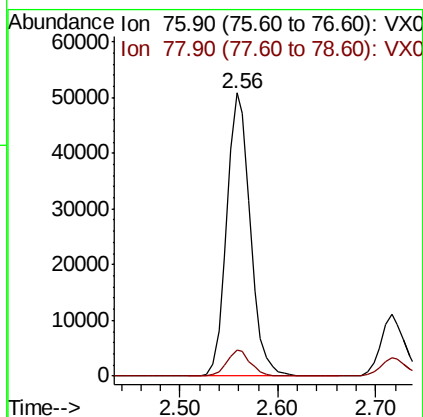
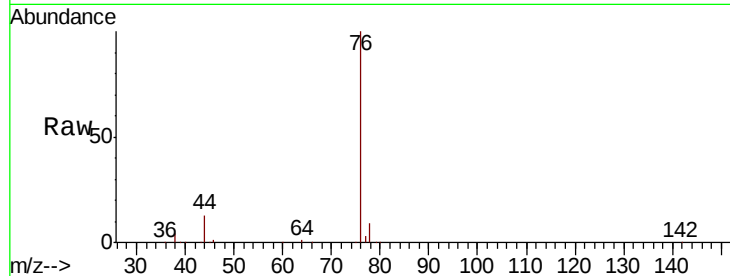




#17
Carbon Disulfide
Concen: 18.465 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

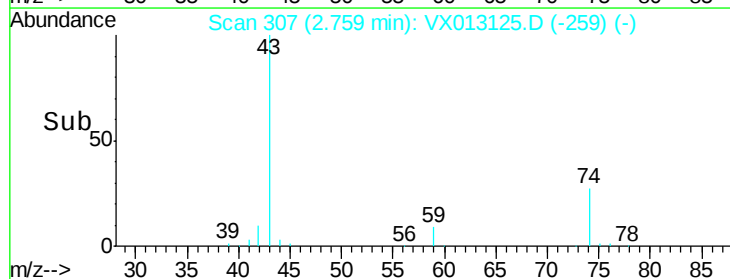
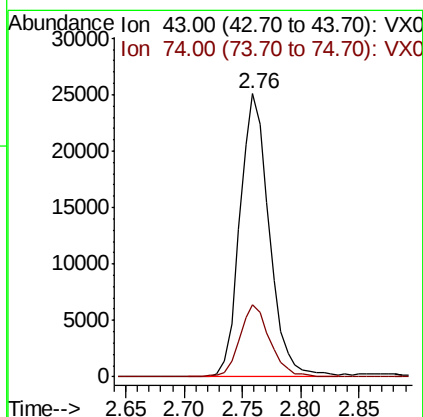
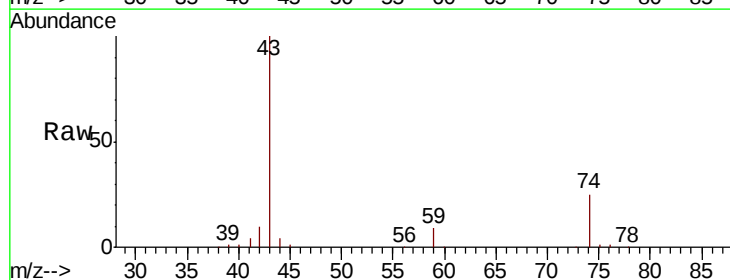
Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

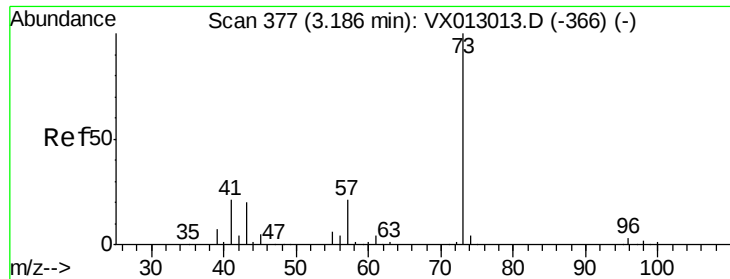
Tot Ion: 76 Resp: 84570
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 17.861 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 43 Resp: 44330
Ion Ratio Lower Upper
43 100
74 26.3 19.2 28.8



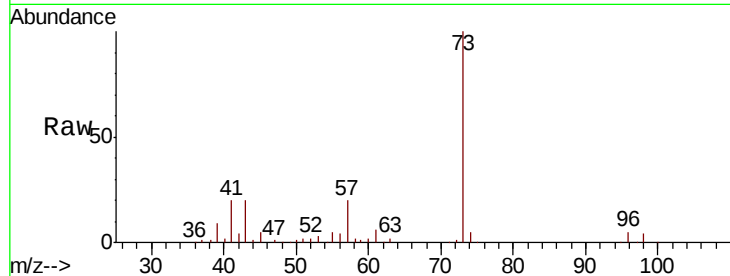


#19

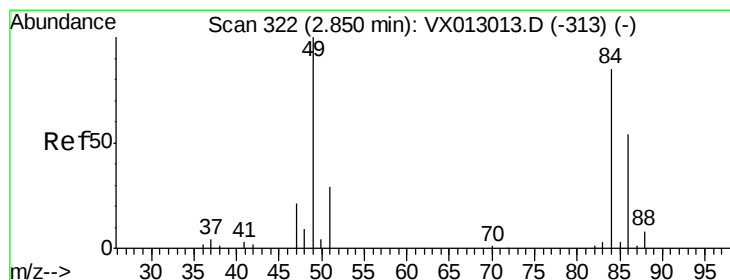
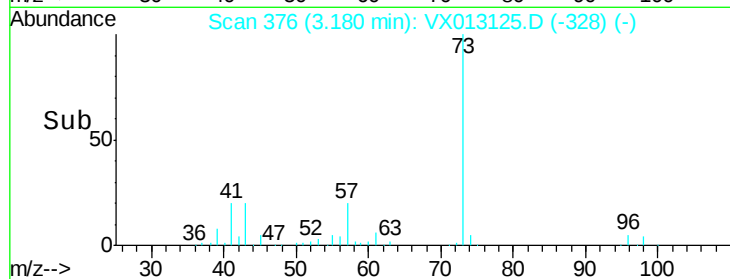
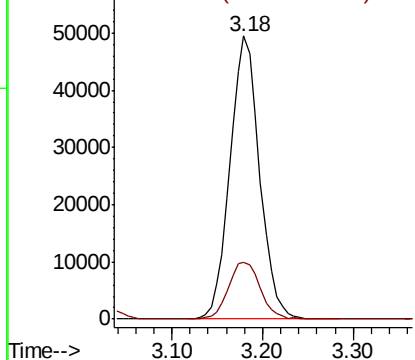
Methyl tert-butyl Ether
 Concen: 20.182 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion: 73 Resp: 111944
 Ion Ratio Lower Upper
 73 100
 57 20.0 17.8 26.6



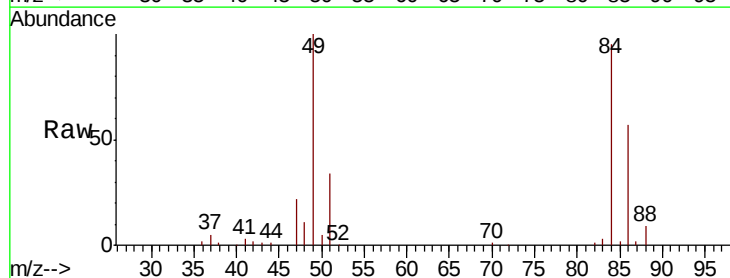
Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



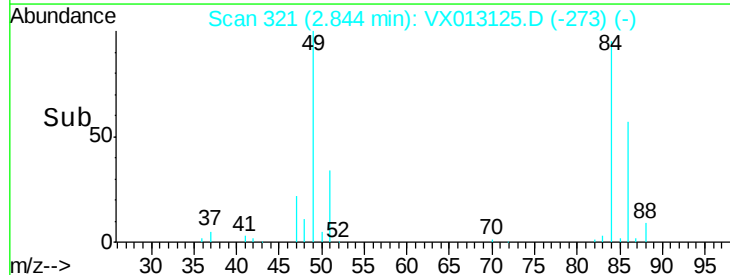
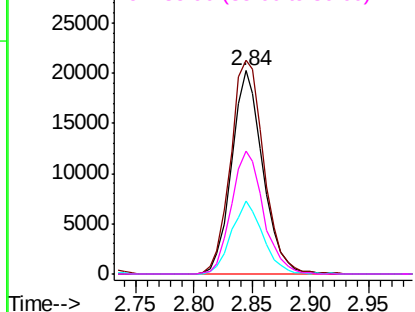
#20

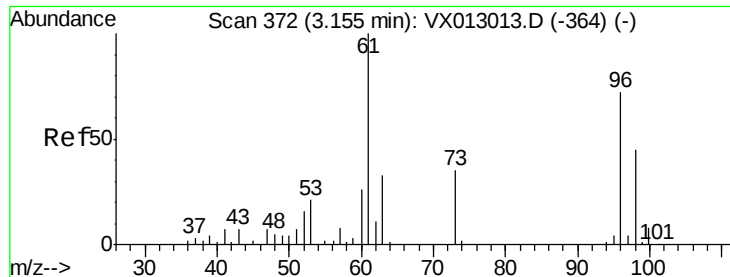
Methylene Chloride
 Concen: 19.631 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 84 Resp: 37779
 Ion Ratio Lower Upper
 84 100
 49 105.1 96.6 144.8
 51 36.0 30.7 46.1
 86 60.4 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VX0
 Ion 48.90 (48.60 to 49.60): VX0
 Ion 50.90 (50.60 to 51.60): VX0
 Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 20.504 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

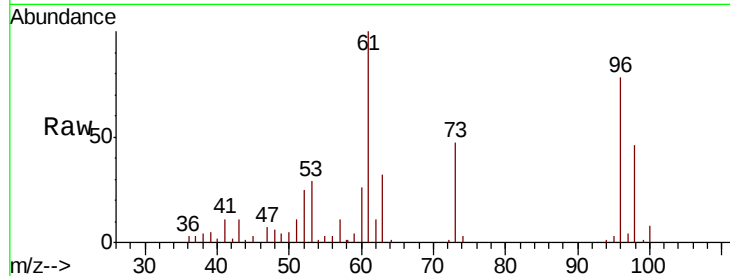
Tot Ion: 96 Resp: 35299

Ion Ratio Lower Upper

96 100

61 128.7 110.4 165.6

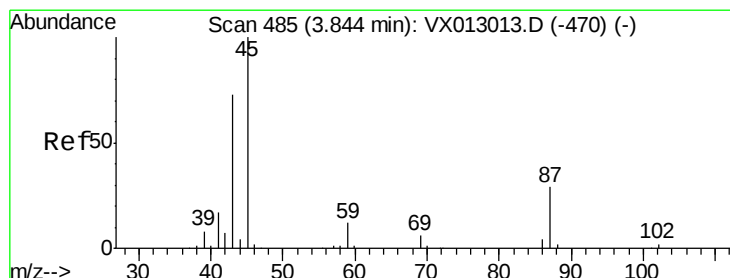
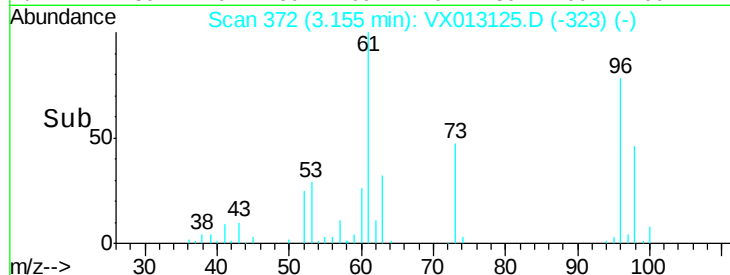
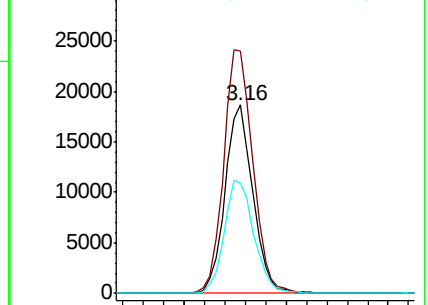
98 58.9 51.5 77.3



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: 19.328 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion: 45 Resp: 105939

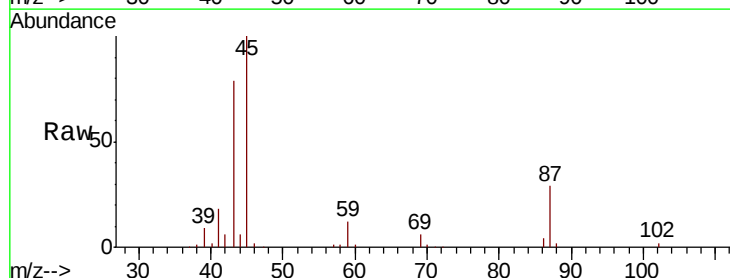
Ion Ratio Lower Upper

45 100

43 78.4 51.4 77.0#

87 28.8 22.5 33.7

59 11.8 9.7 14.5

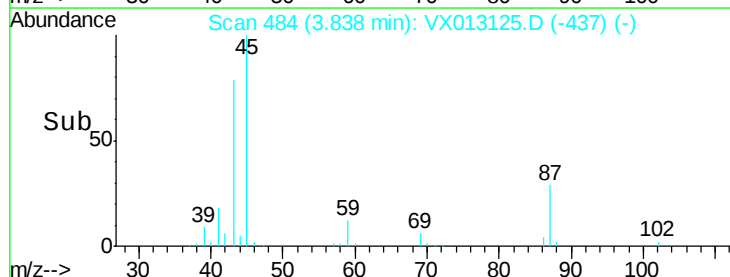
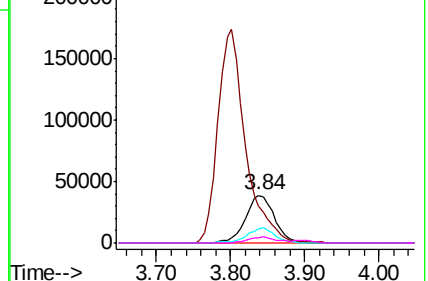


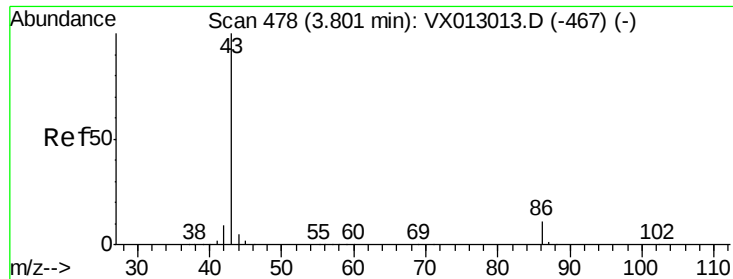
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 94.715 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

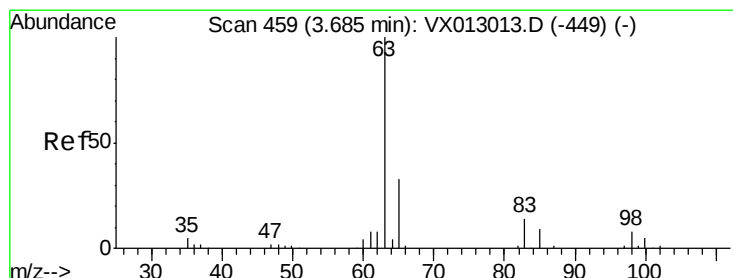
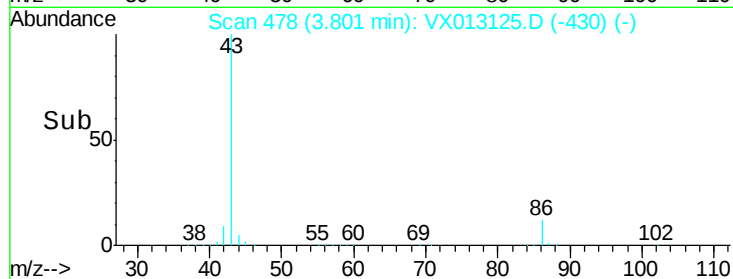
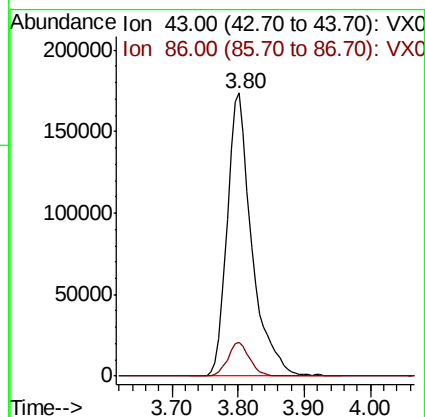
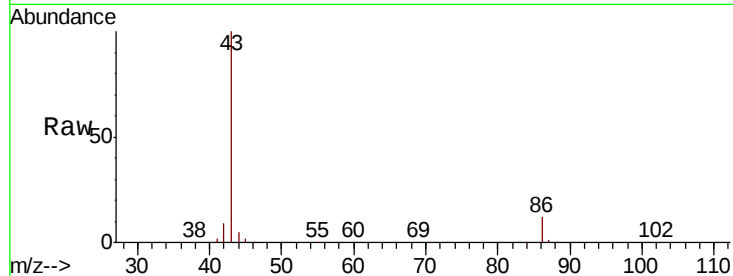
VX1018WBS01

Tot Ion: 43 Resp: 448162

Ion Ratio Lower Upper

43 100

86 11.8 9.0 13.6



#24

1,1-Dichloroethane

Concen: 19.992 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

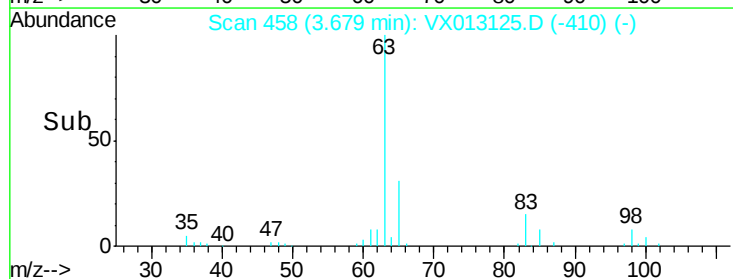
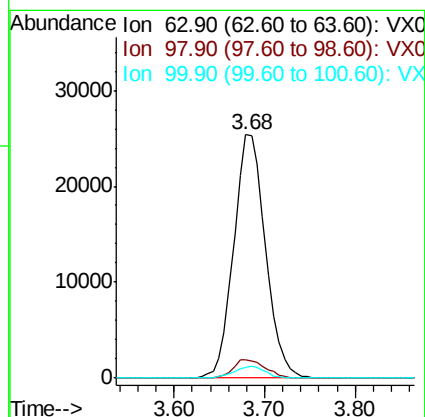
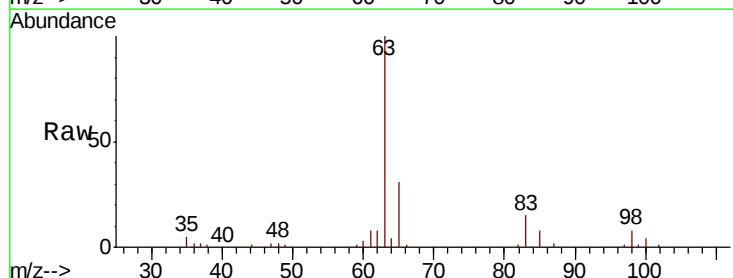
Tgt Ion: 63 Resp: 61646

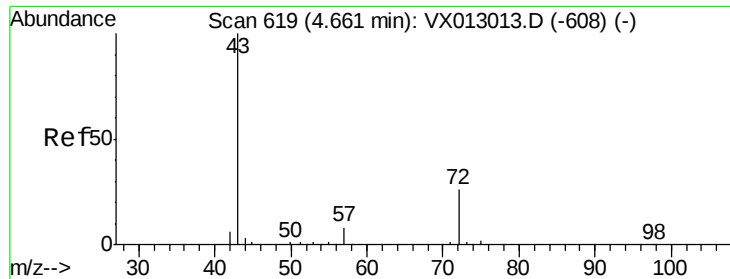
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 87.411 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

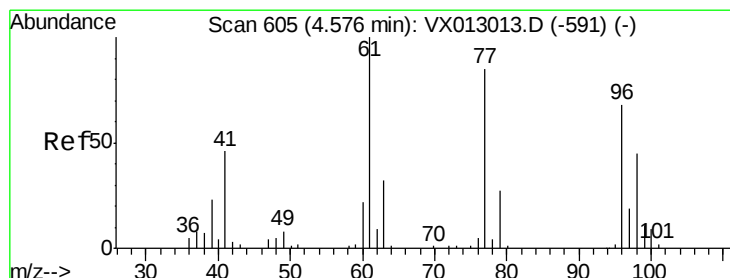
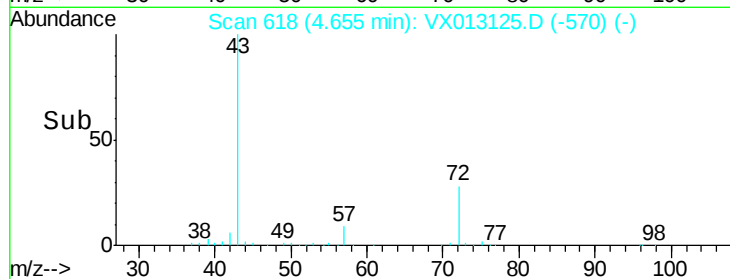
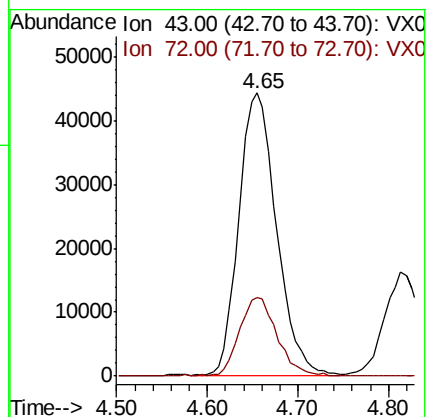
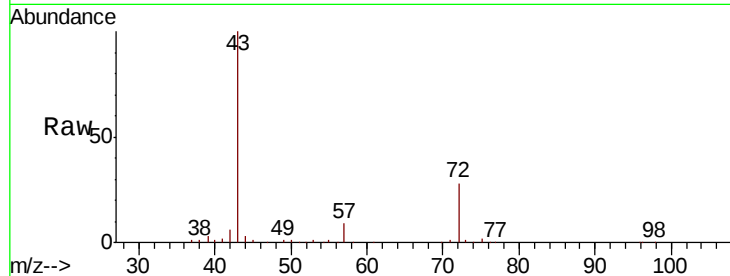
VX1018WBS01

Tot Ion: 43 Resp: 126987

Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.905 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013125.D

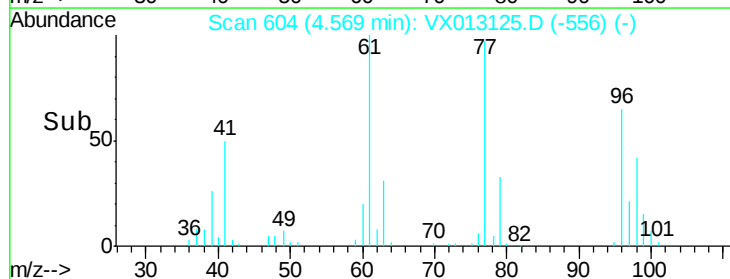
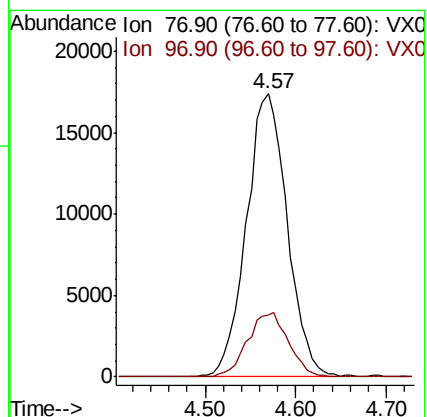
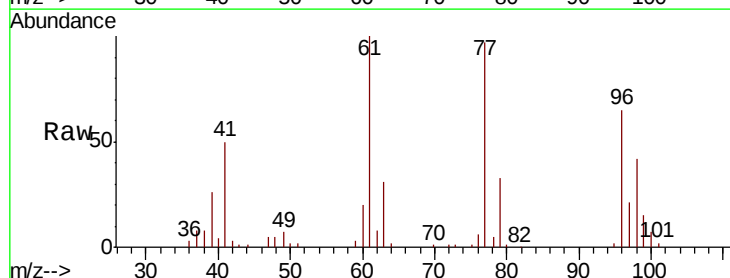
Acq: 18 Oct 2019 14:25

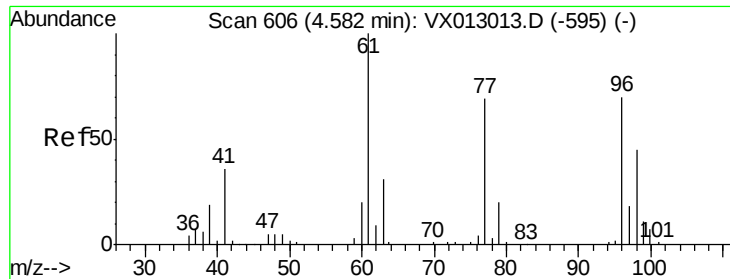
Tgt Ion: 77 Resp: 54207

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



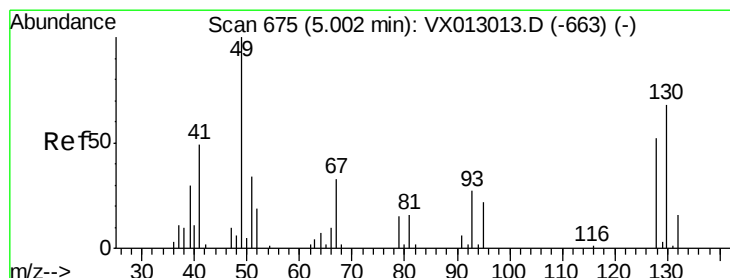
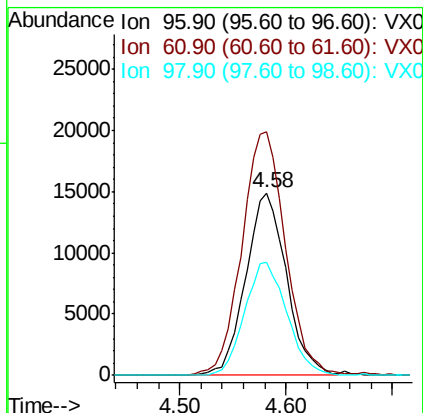
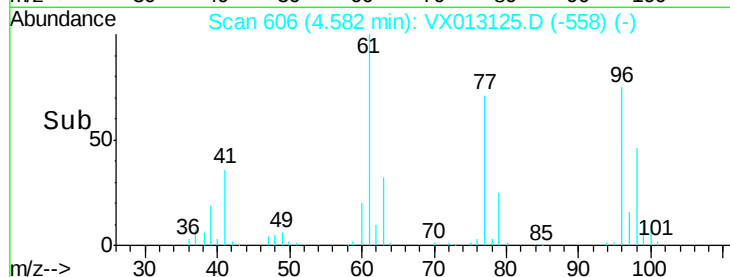
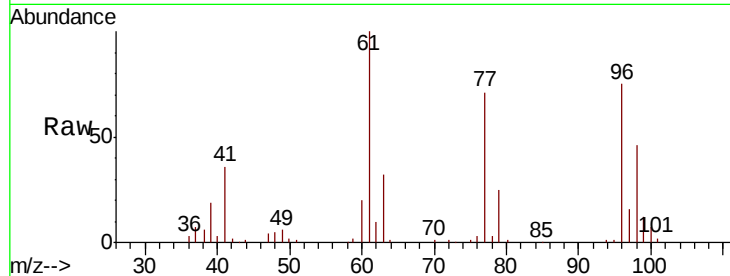


#27

cis-1,2-Dichloroethene
Concen: 20.160 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampled :
VX1018WBS01

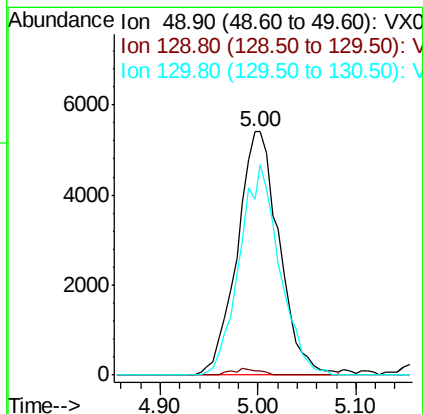
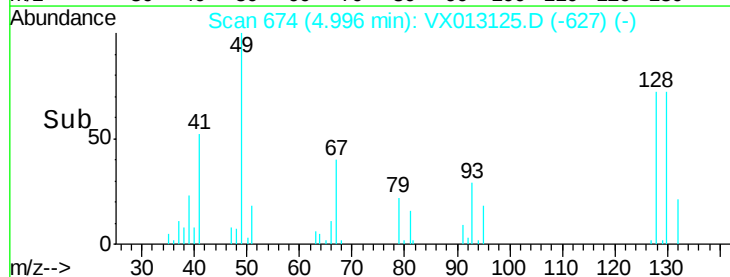
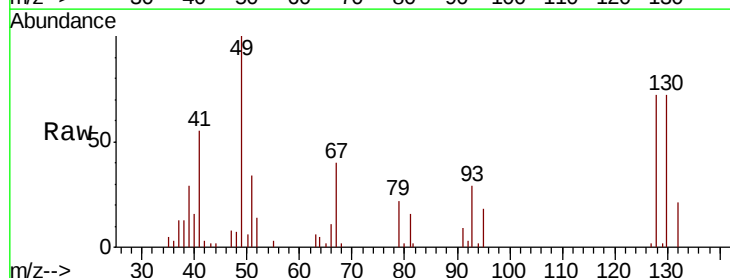
Tot Ion: 96 Resp: 40005
Ion Ratio Lower Upper
96 100
61 142.9 0.0 290.6
98 64.2 0.0 128.8

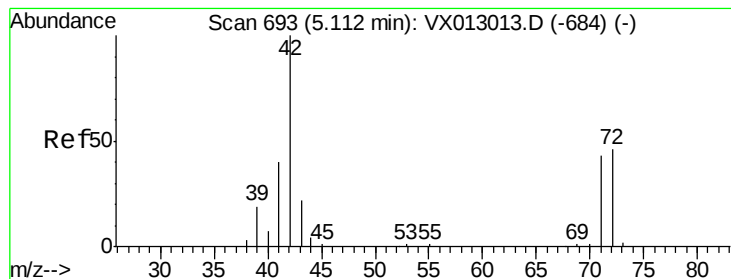


#28

Bromochloromethane
Concen: 17.143 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 49 Resp: 16069
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.2
130 82.3 62.1 93.1





#29

Tetrahydrofuran

Concen: 85.821 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

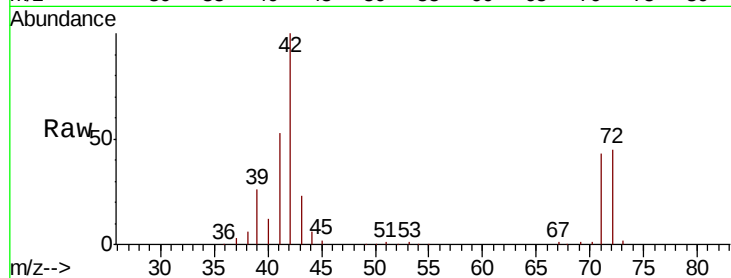
Tot Ion: 42 Resp: 76722

Ion Ratio Lower Upper

42 100

72 48.6 36.9 55.3

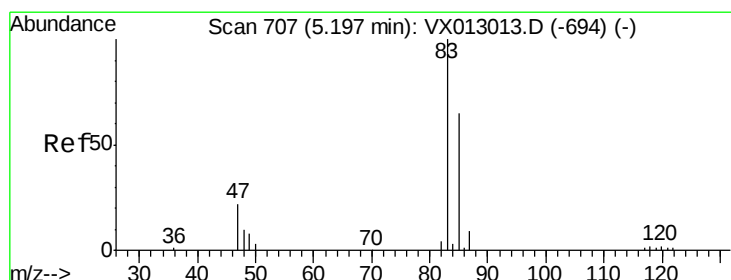
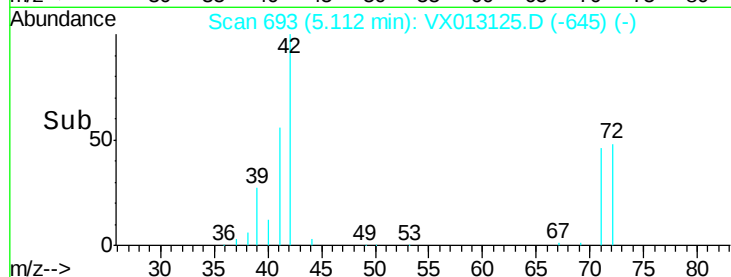
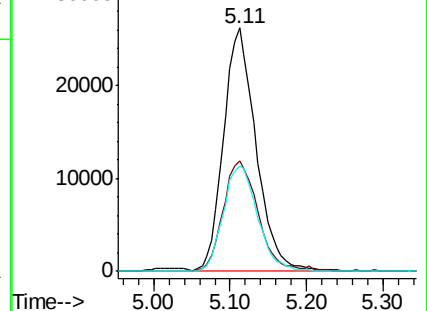
71 46.1 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.449 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013125.D

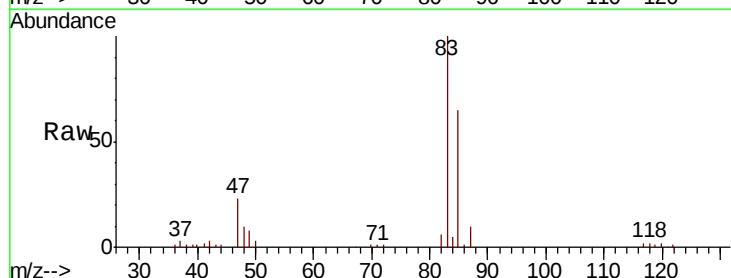
Acq: 18 Oct 2019 14:25

Tgt Ion: 83 Resp: 64699

Ion Ratio Lower Upper

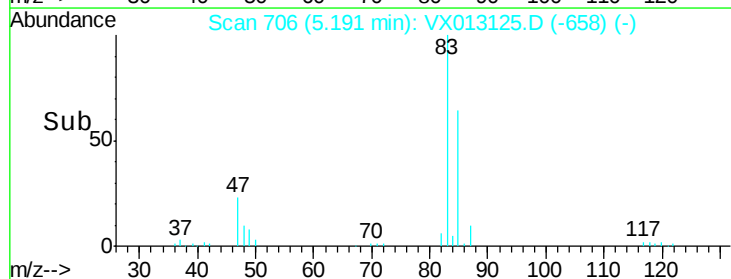
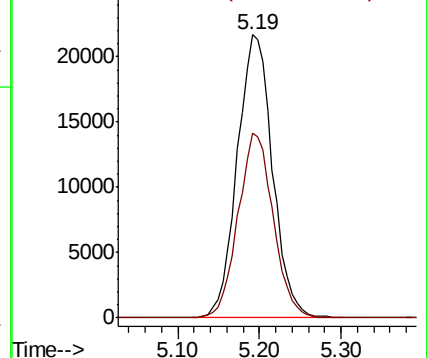
83 100

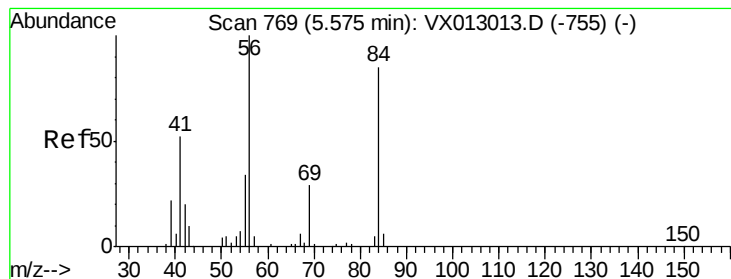
85 65.2 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.045 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

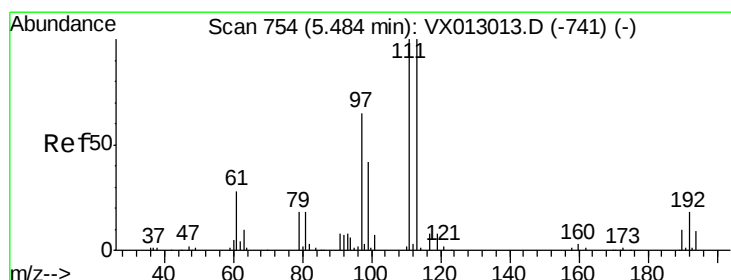
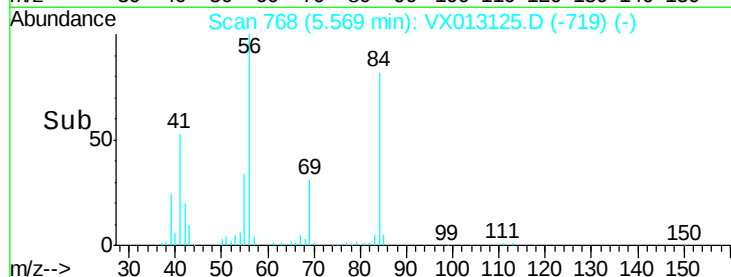
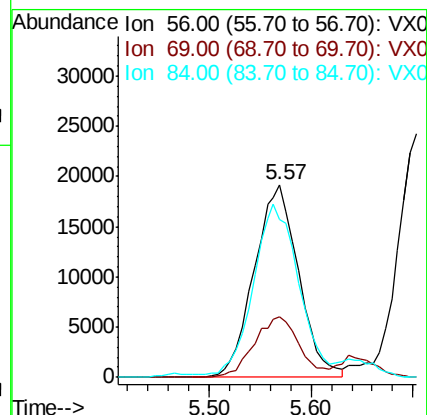
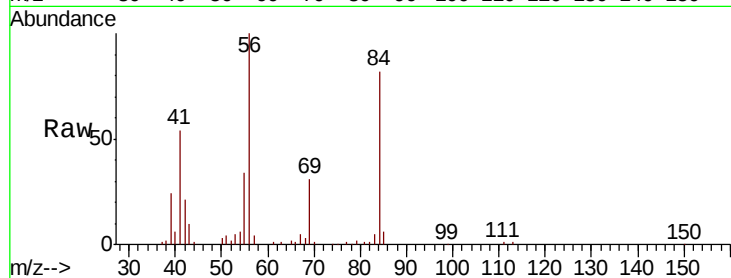
Tot Ion: 56 Resp: 57797

Ion Ratio Lower Upper

56 100

69 31.3 25.2 37.8

84 80.3 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 21.285 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

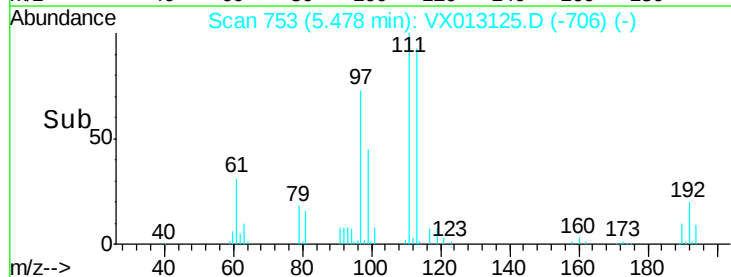
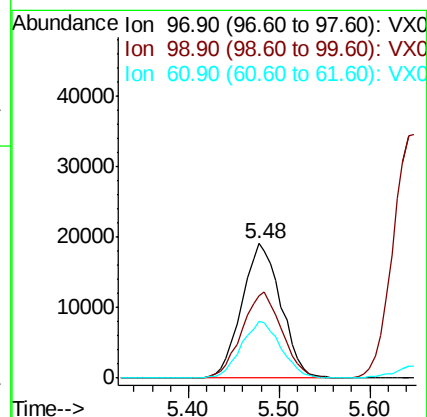
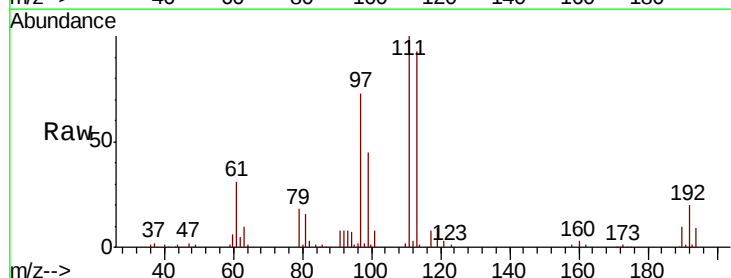
Tgt Ion: 97 Resp: 57063

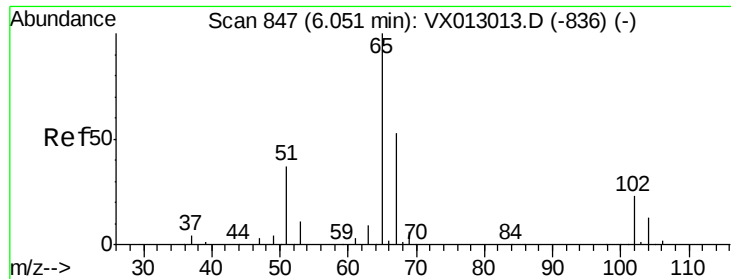
Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

61 42.7 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 46.937 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

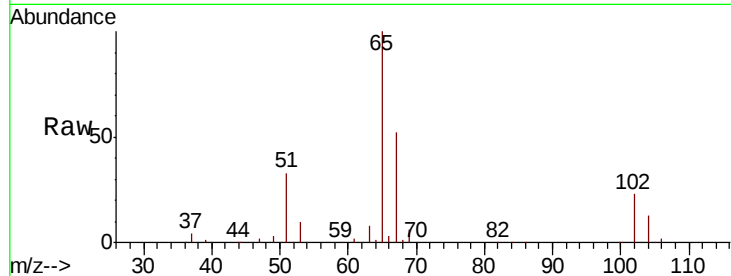
VX1018WBS01

Tot Ion: 65 Resp: 93244

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

30000

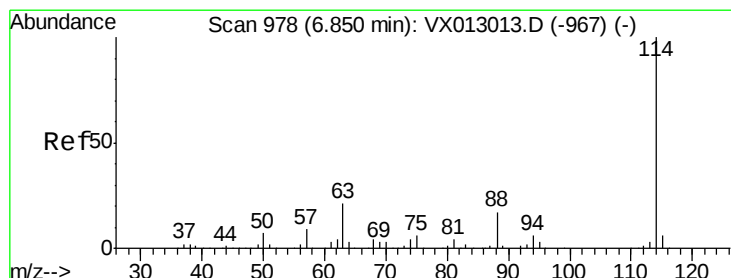
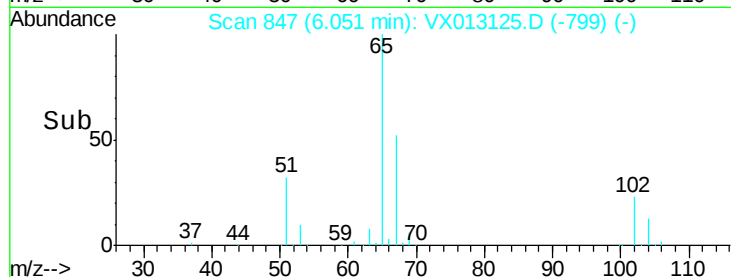
20000

10000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

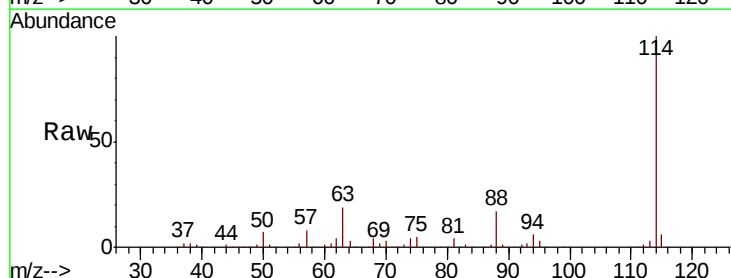
Tgt Ion: 114 Resp: 250331

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

88 17.0 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

6.85

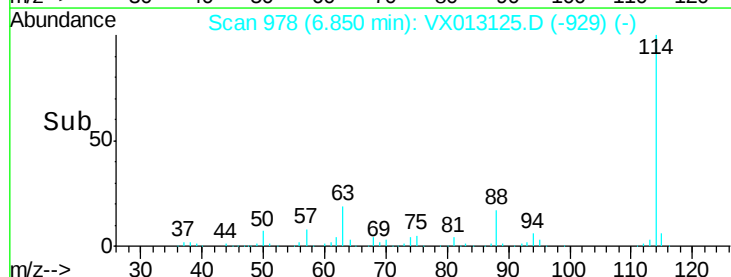
100000

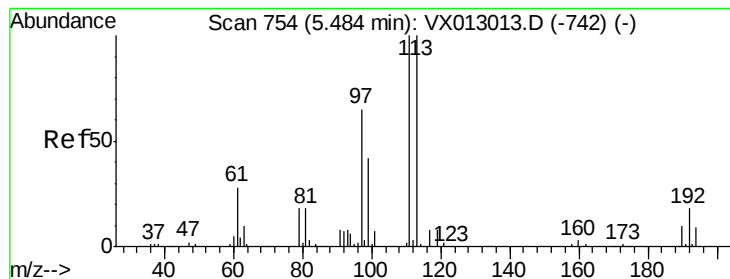
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 52.107 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

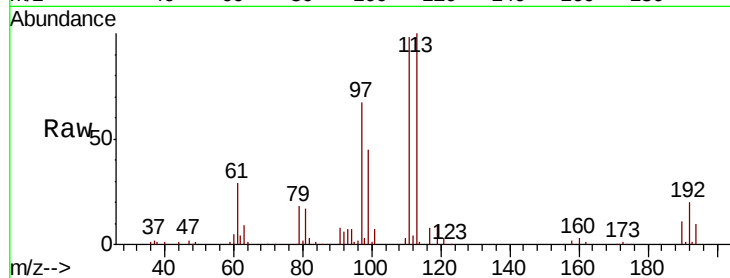
Tot Ion:113 Resp: 74866

Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

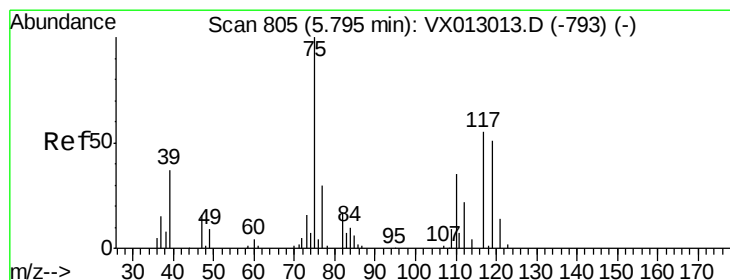
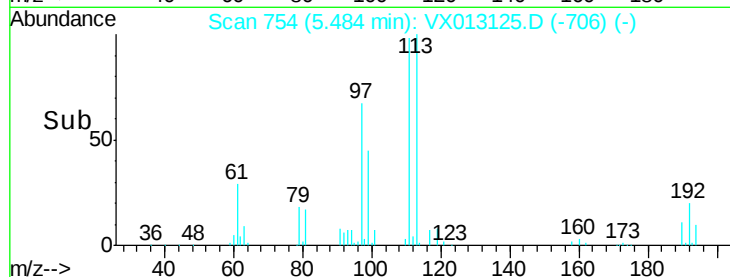
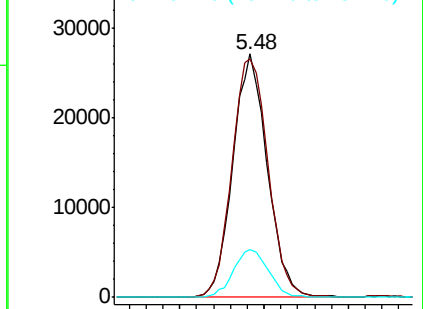
192 19.9 15.4 23.2



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: 22.193 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

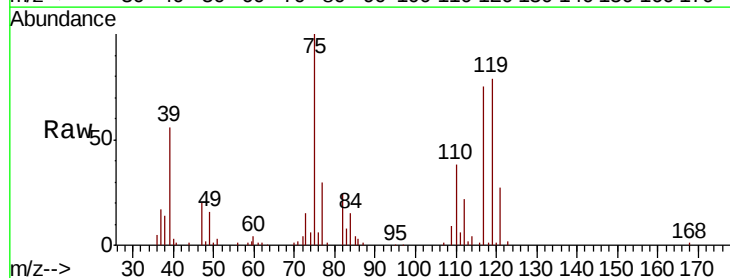
Tgt Ion: 75 Resp: 48845

Ion Ratio Lower Upper

75 100

110 36.1 17.6 52.9

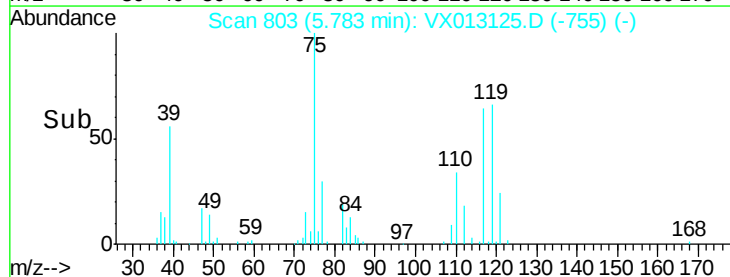
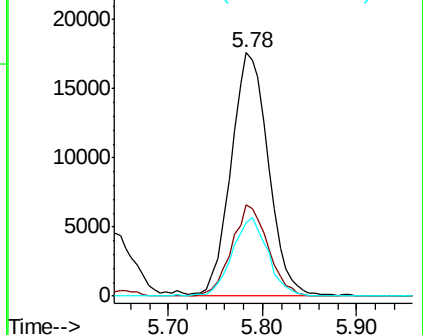
77 30.9 24.4 36.6

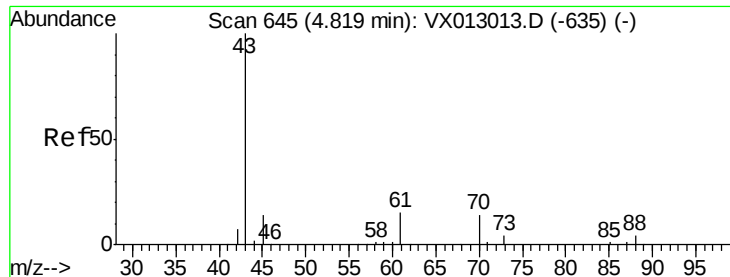


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

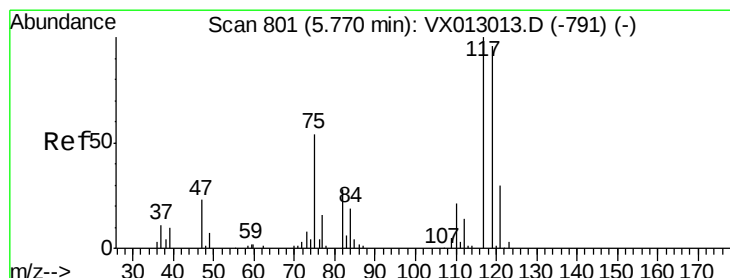
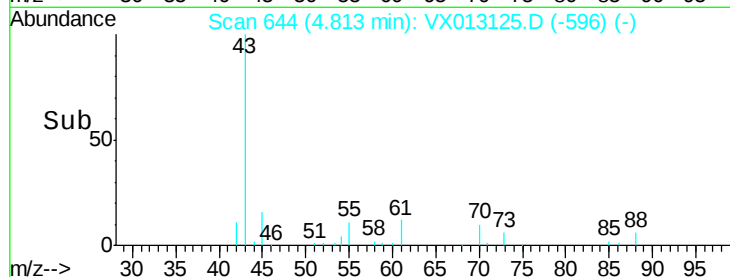
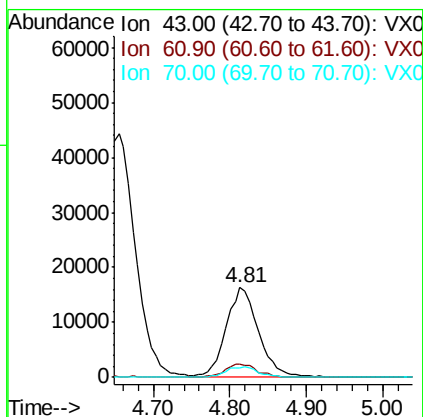
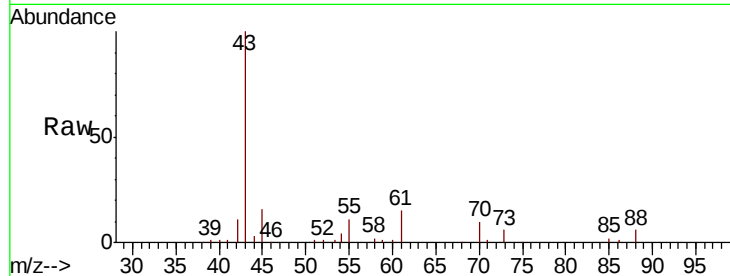




#37
Ethyl Acetate
Concen: 19.250 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

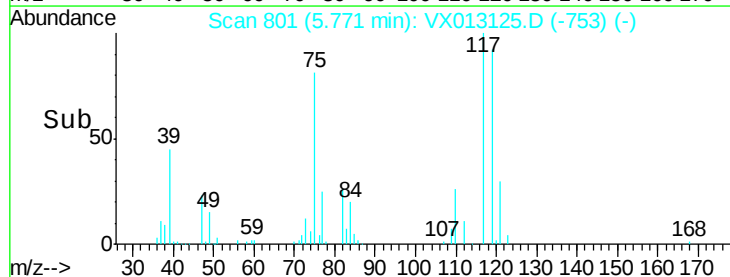
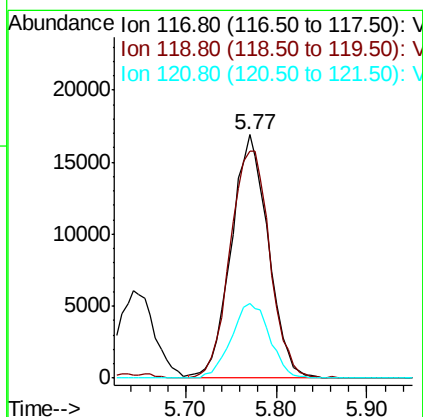
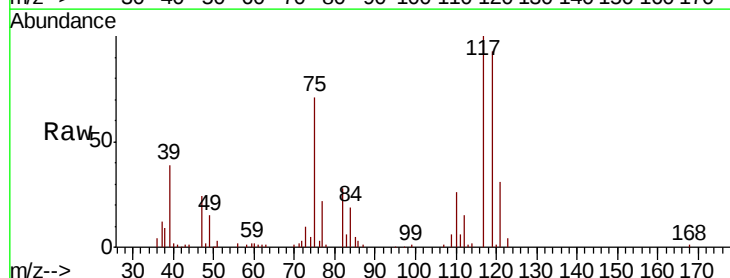
Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

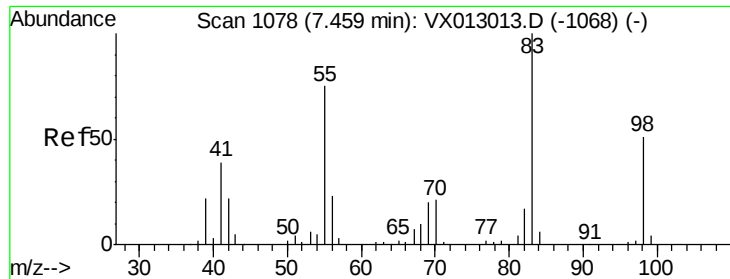
Tot Ion: 43 Resp: 47375
Ion Ratio Lower Upper
43 100
61 15.2 11.4 17.0
70 11.9 9.8 14.6



#38
Carbon Tetrachloride
Concen: 22.384 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 117 Resp: 47953
Ion Ratio Lower Upper
117 100
119 93.3 74.5 111.7
121 30.8 24.2 36.4

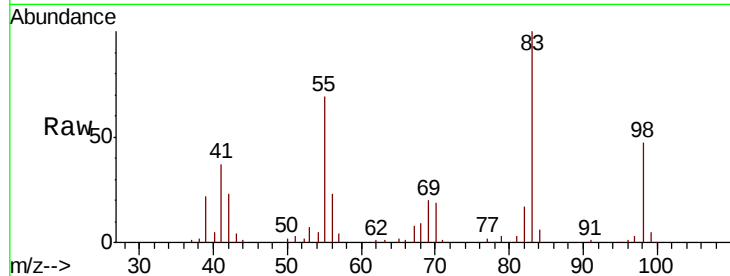




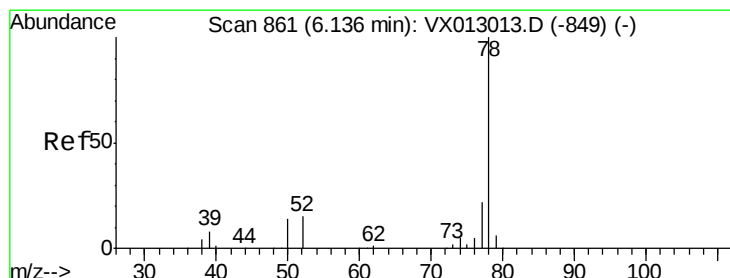
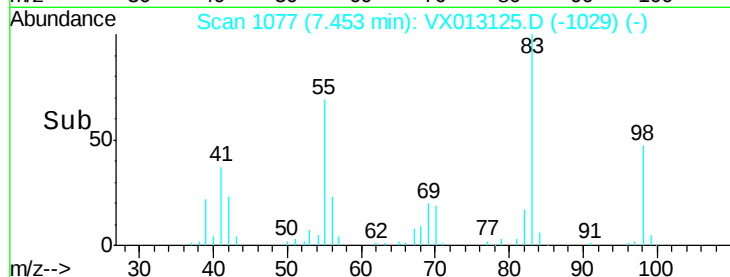
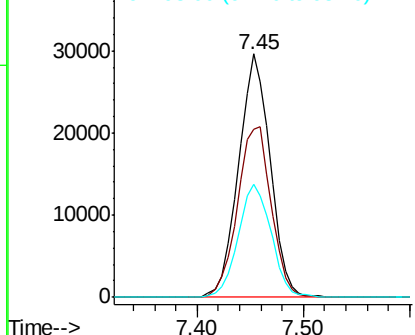
#39
Methvlcvclohexane
Concen: 23.205 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion: 83 Resp: 61936
Ion Ratio Lower Upper
83 100
55 69.1 60.2 90.4
98 46.5 38.5 57.7

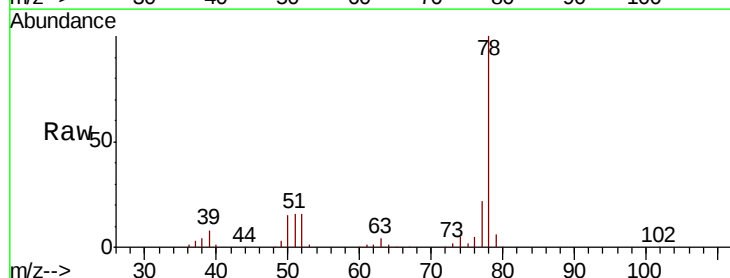


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

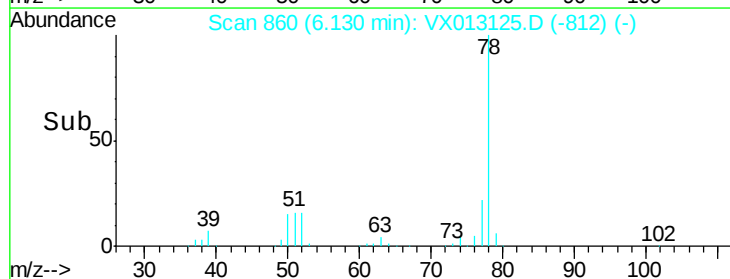
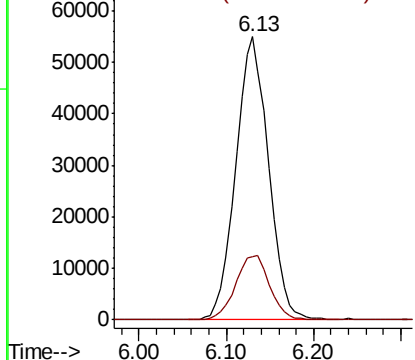


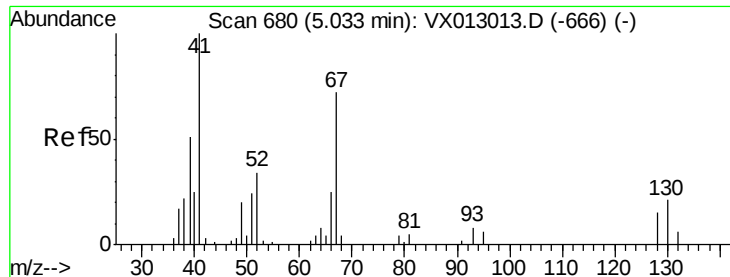
#40
Benzene
Concen: 21.981 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 78 Resp: 142884
Ion Ratio Lower Upper
78 100
77 22.3 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: 18.819 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 41 Resp: 25449

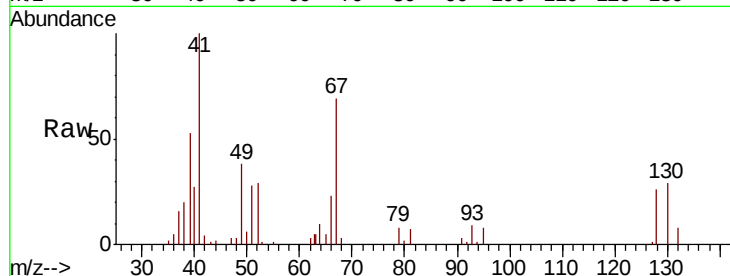
Ion Ratio Lower Upper

41 100

39 54.5 44.0 66.0

67 78.2 58.5 87.7

52 31.5 23.8 35.8

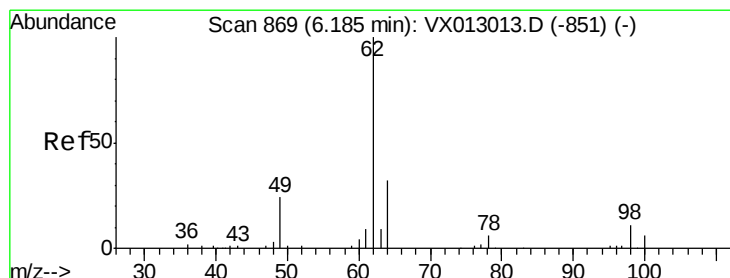
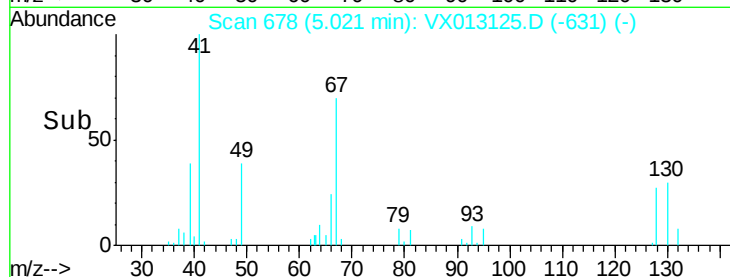
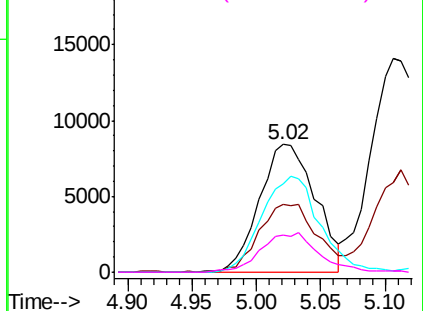


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 22.908 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013125.D

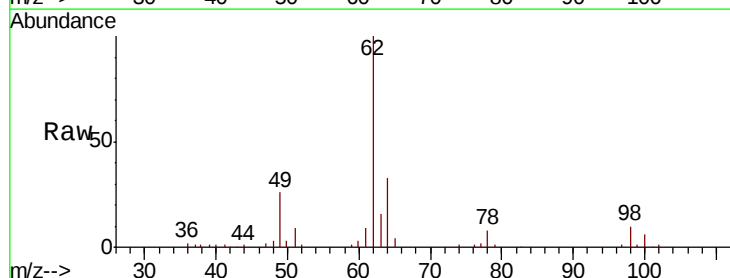
Acq: 18 Oct 2019 14:25

Tgt Ion: 62 Resp: 53434

Ion Ratio Lower Upper

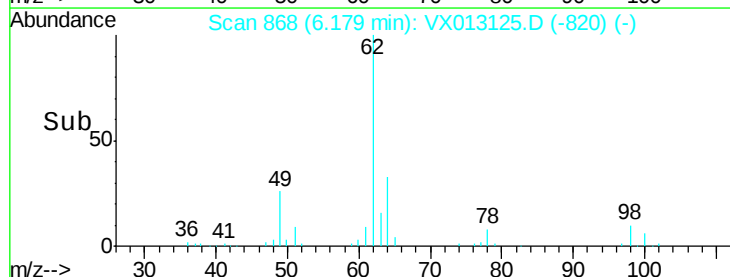
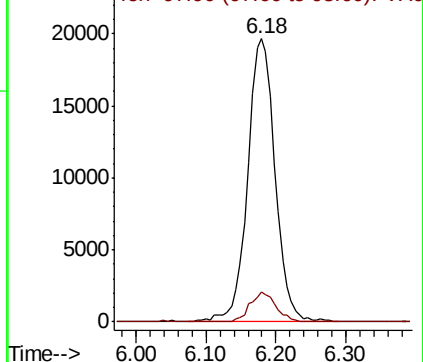
62 100

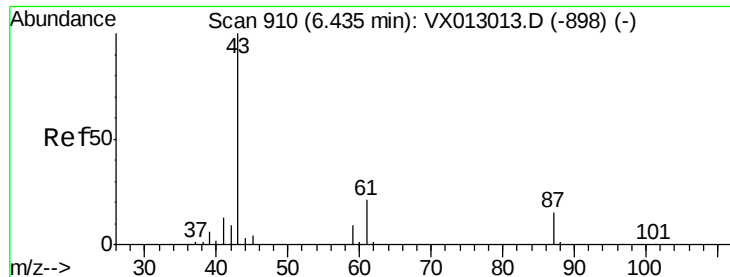
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



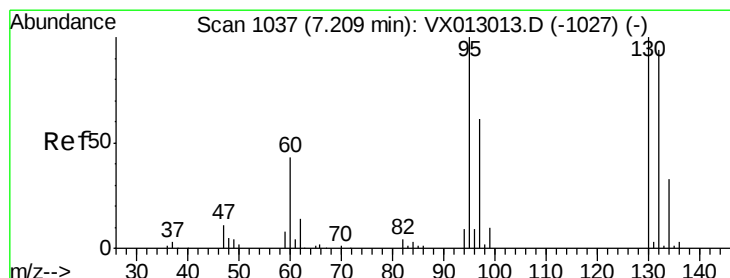
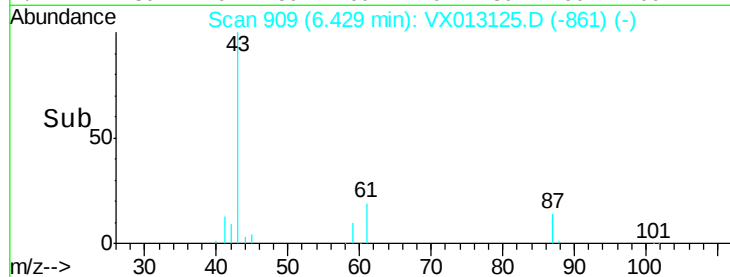
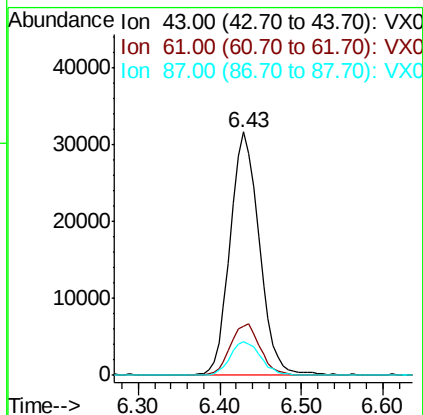
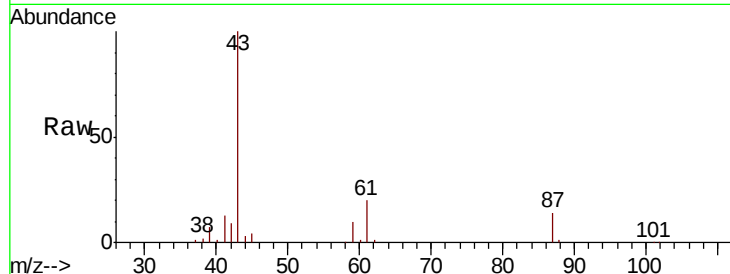


#43

Isopropyl Acetate
 Concen: 19.846 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

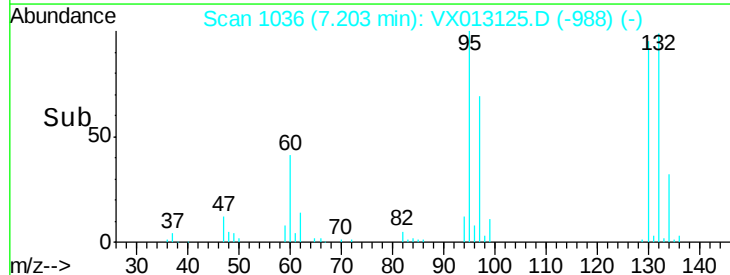
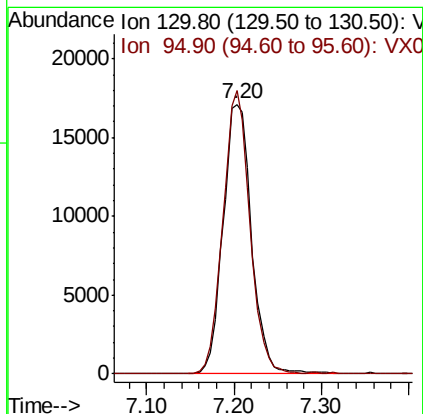
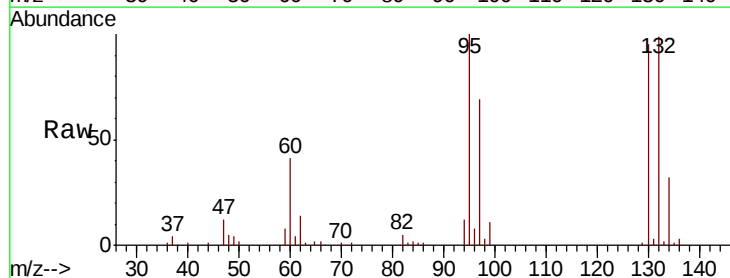
Tot Ion: 43 Resp: 78394
 Ion Ratio Lower Upper
 43 100
 61 21.4 16.6 24.8
 87 14.5 11.0 16.6

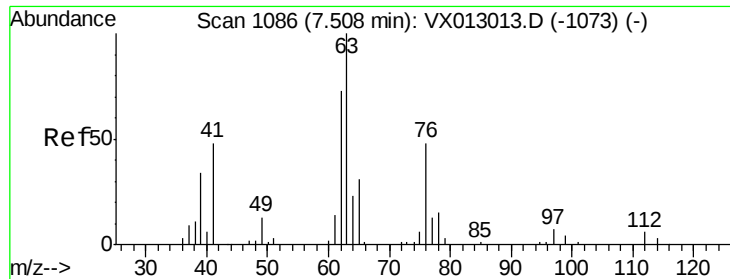


#44

Trichloroethene
 Concen: 21.418 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 130 Resp: 38607
 Ion Ratio Lower Upper
 130 100
 95 105.1 0.0 189.2





#45

1,2-Dichloropropane

Concen: 21.802 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

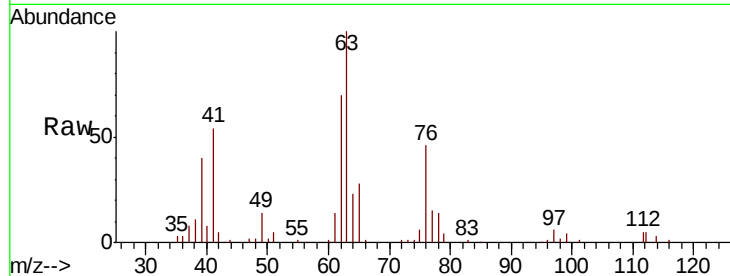
VX1018WBS01

Tot Ion: 63 Resp: 36121

Ion Ratio Lower Upper

63 100

65 27.7 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

20000

15000

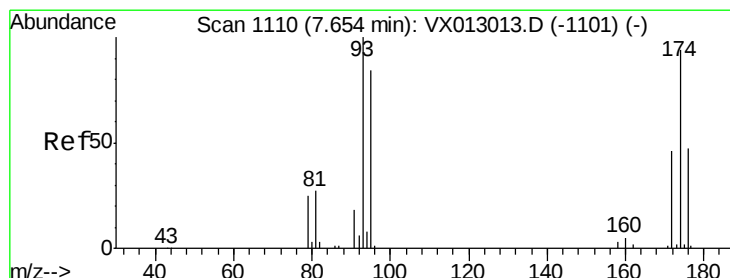
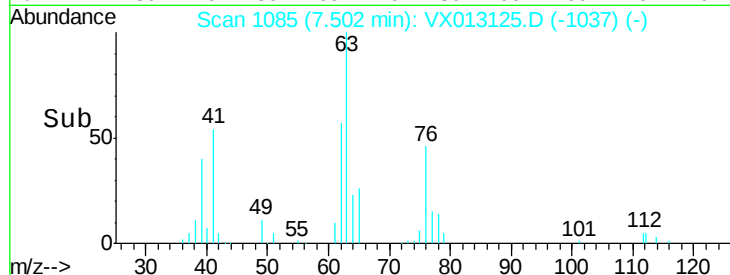
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 22.336 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

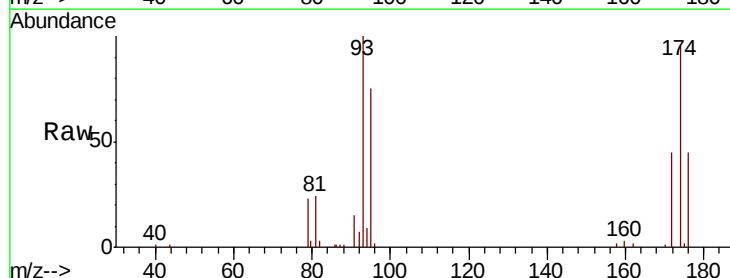
Tgt Ion: 93 Resp: 24655

Ion Ratio Lower Upper

93 100

95 80.6 66.3 99.5

174 103.7 77.8 116.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

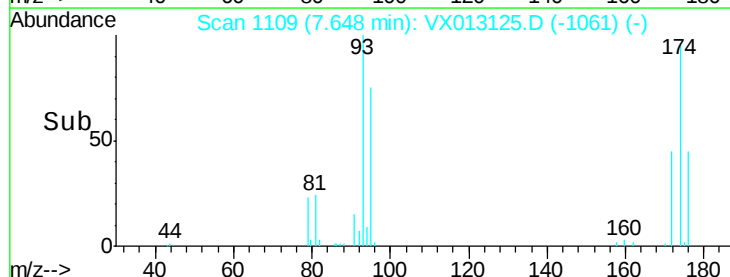
10000

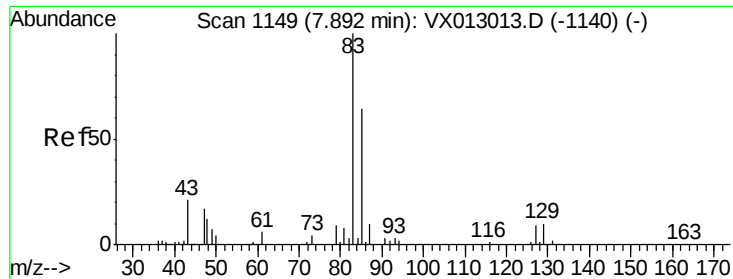
5000

0

Time-->

7.55 7.60 7.65 7.70 7.75

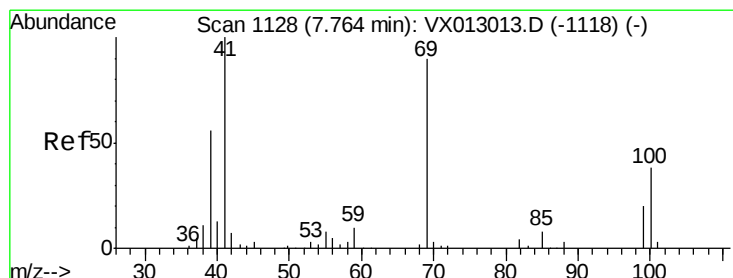
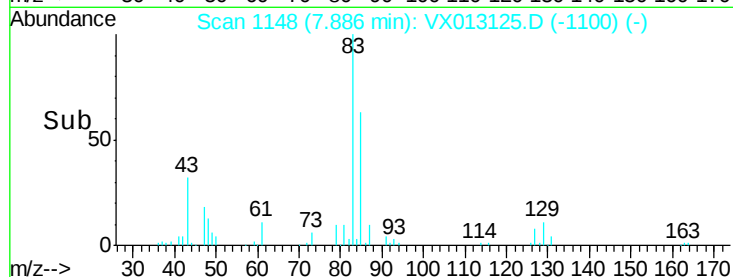
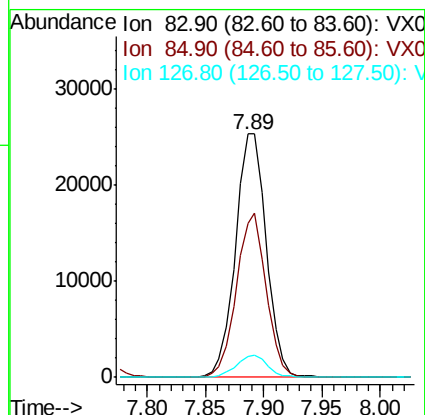
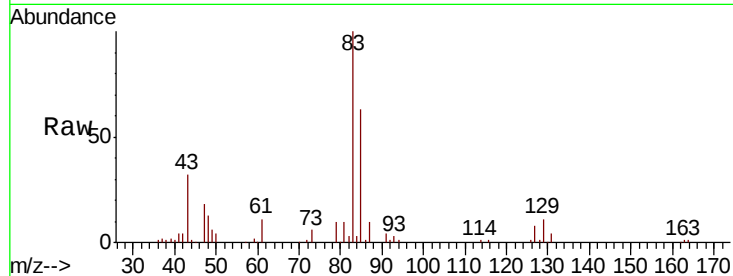




#47
Bromodichloromethane
Concen: 21.765 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

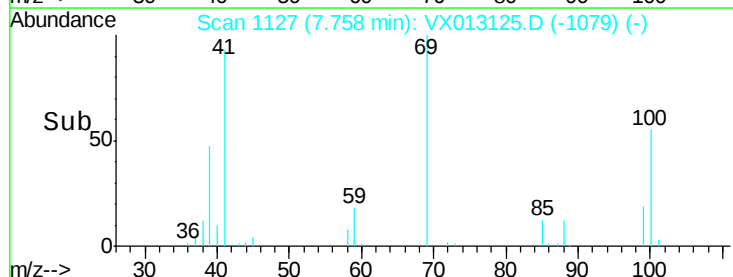
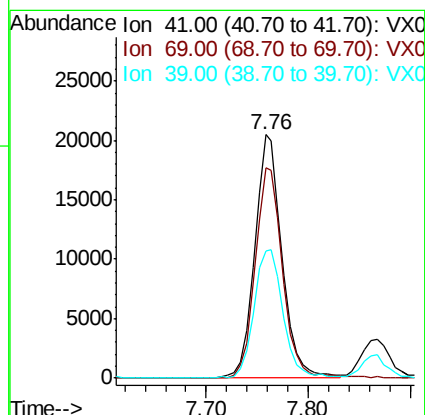
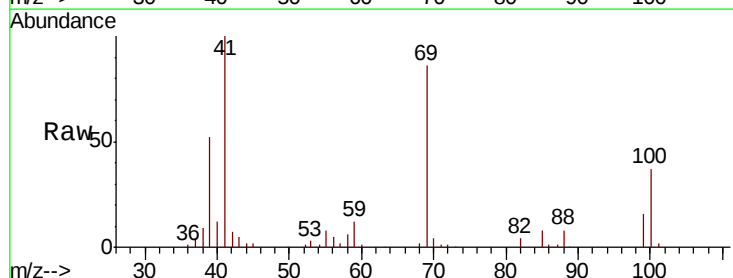
Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

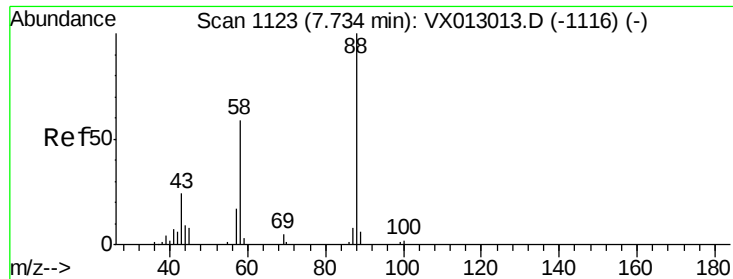
Tot Ion: 83 Resp: 46884
Ion Ratio Lower Upper
83 100
85 63.2 52.4 78.6
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 19.923 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 41 Resp: 38350
Ion Ratio Lower Upper
41 100
69 87.0 68.7 103.1
39 56.1 44.3 66.5





#49

1,4-Dioxane

Concen: 379.928 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

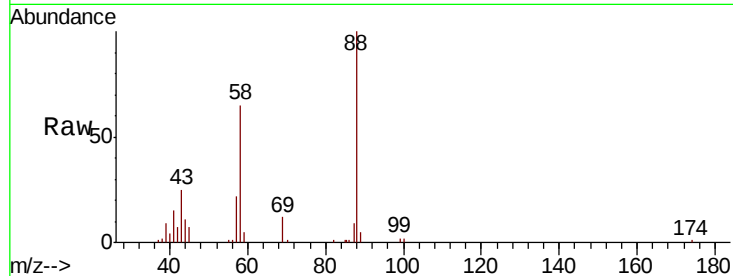
Tot Ion: 88 Resp: 18461

Ion Ratio Lower Upper

88 100

43 31.2 25.0 37.6

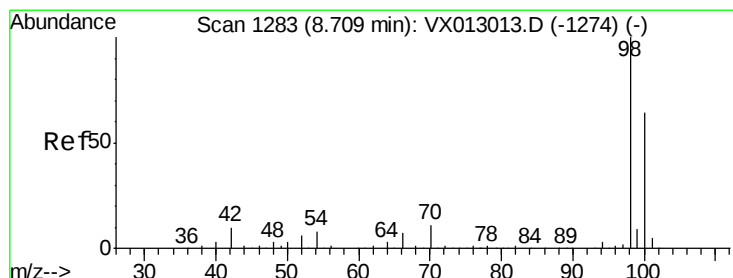
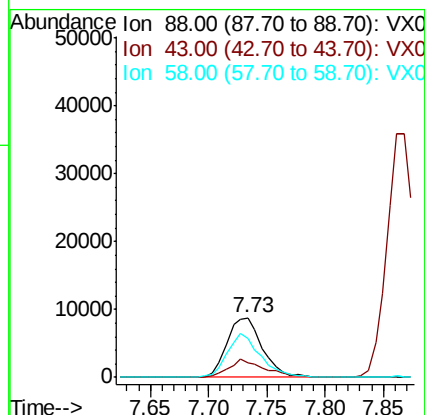
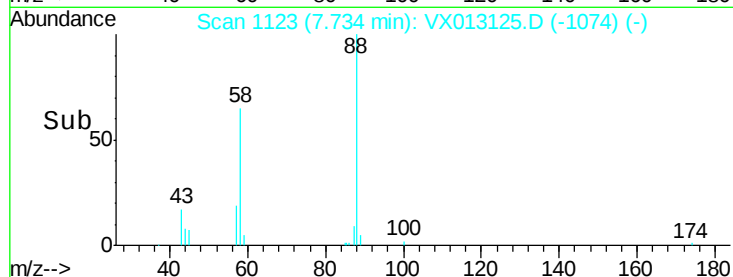
58 69.1 55.4 83.2



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: 50.357 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013125.D

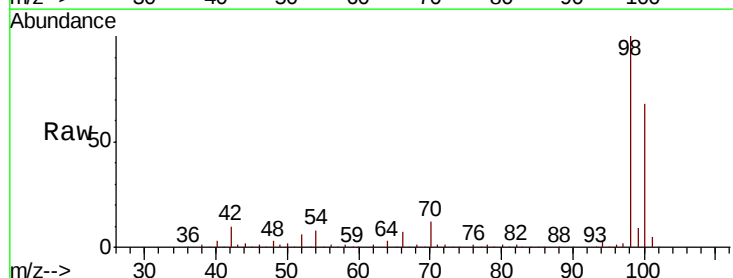
Acq: 18 Oct 2019 14:25

Tgt Ion: 98 Resp: 282186

Ion Ratio Lower Upper

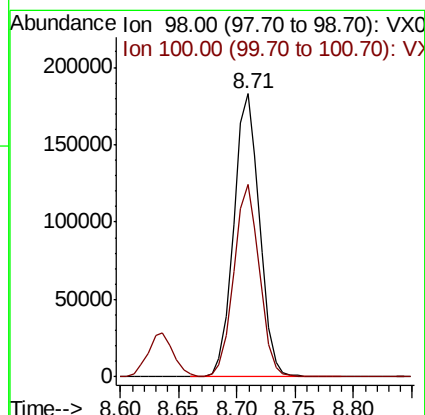
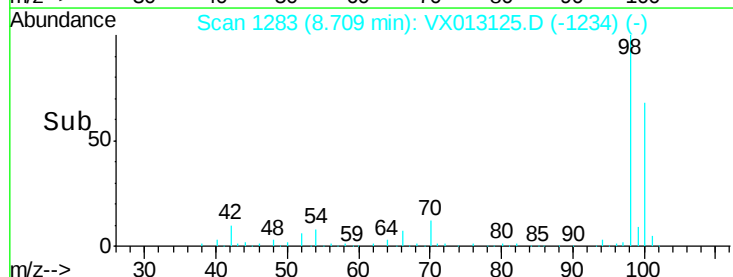
98 100

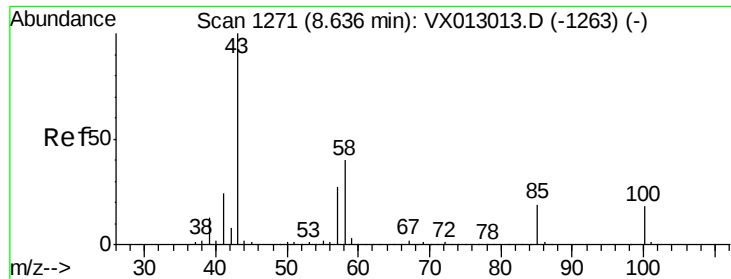
100 67.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

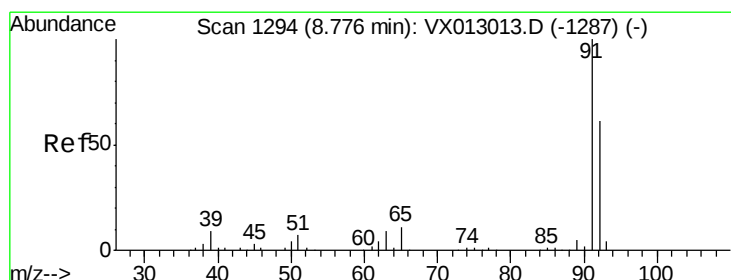
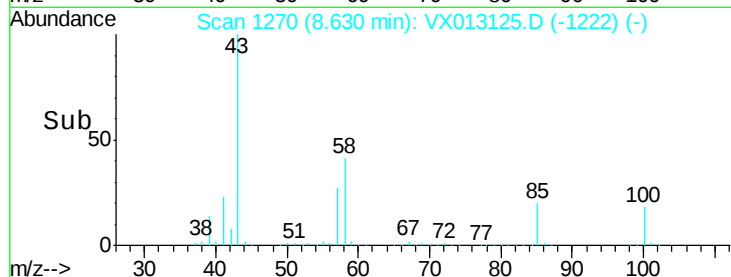
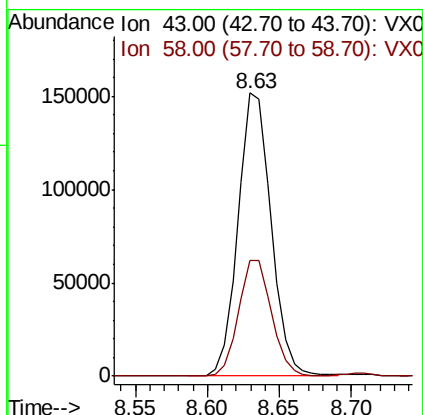
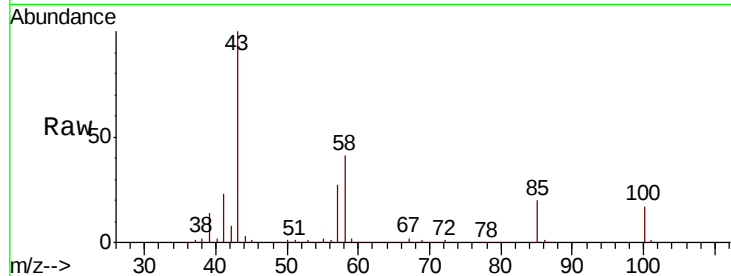




#51
4-Methyl-2-Pentanone
Concen: 98.237 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

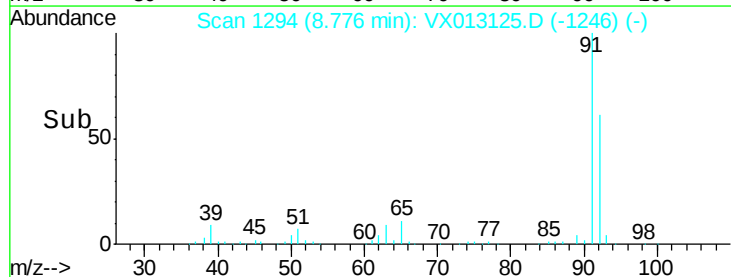
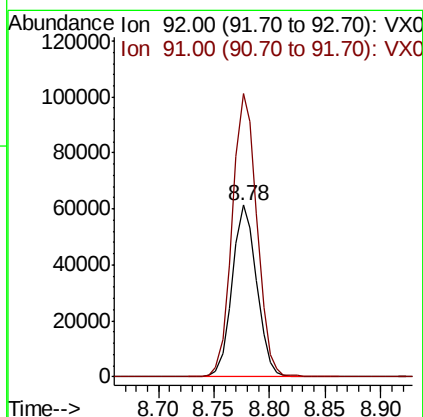
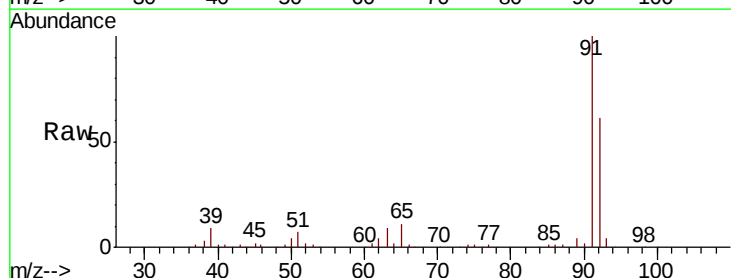
Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

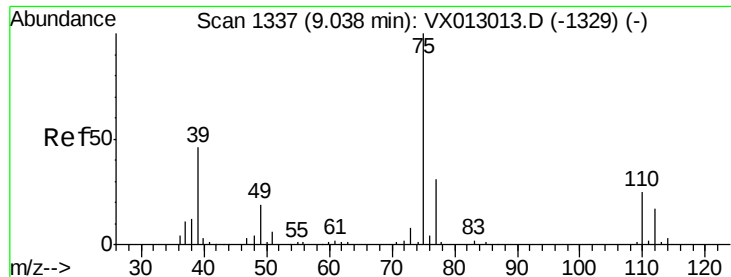
Tot Ion: 43 Resp: 241935
Ion Ratio Lower Upper
43 100
58 41.0 32.4 48.6



#52
Toluene
Concen: 22.507 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 92 Resp: 93599
Ion Ratio Lower Upper
92 100
91 166.8 135.9 203.9

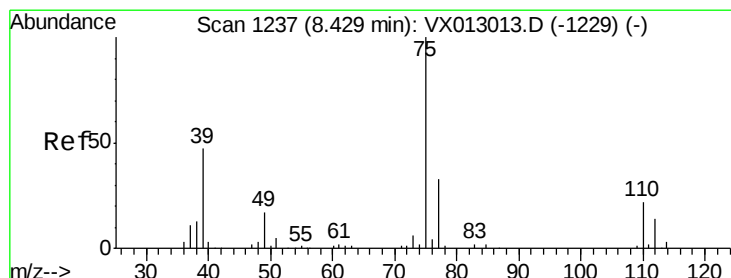
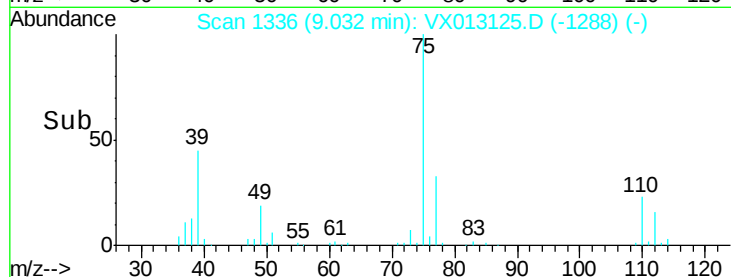
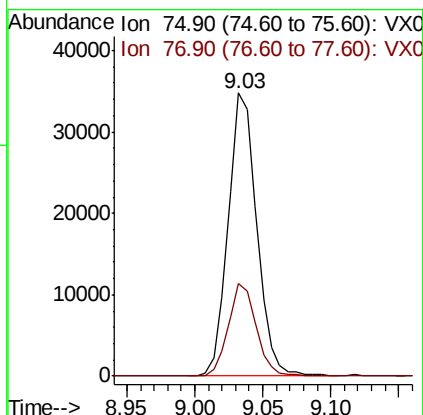
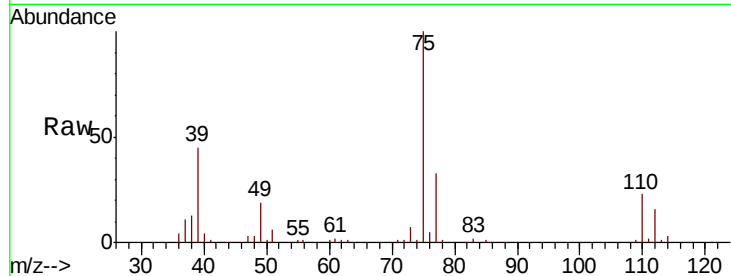




#53
 t-1,3-Dichloropropene
 Concen: 20.239 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

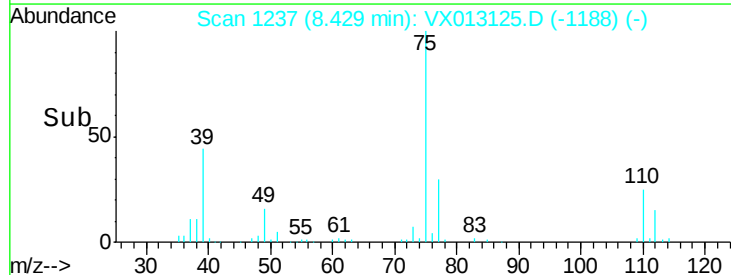
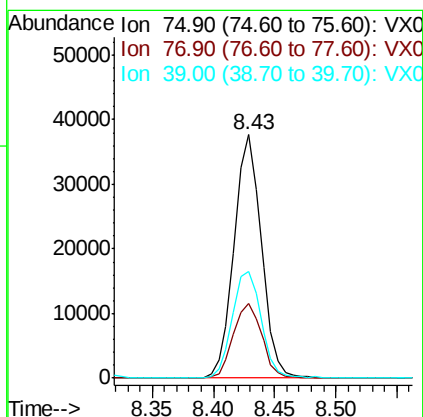
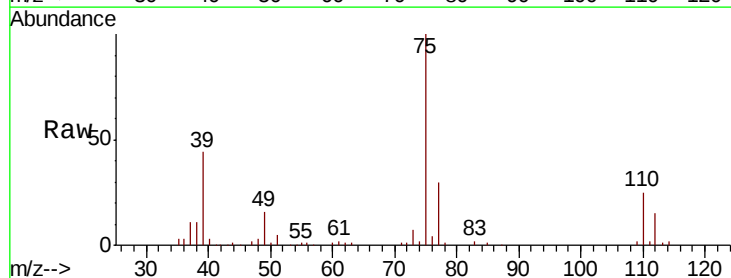
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

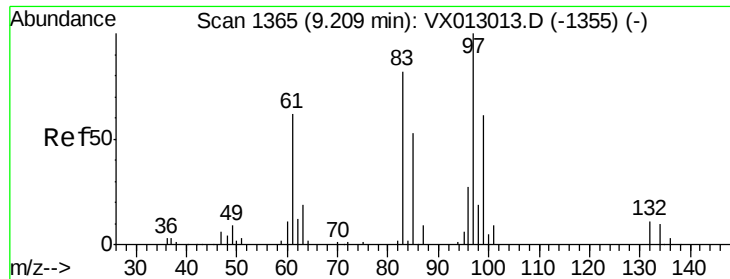
Tot Ion: 75 Resp: 50780
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 22.035 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 75 Resp: 58378
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.8
 39 44.0 38.2 57.2

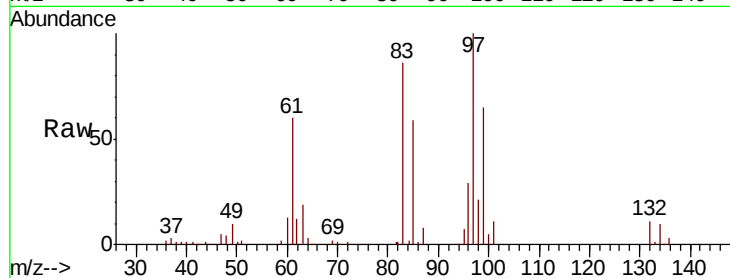




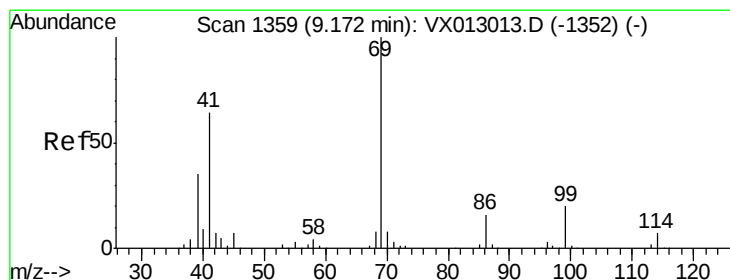
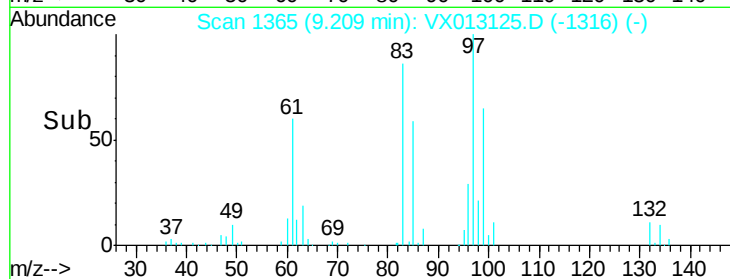
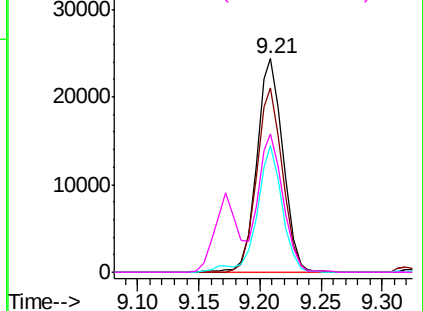
#55
 1,1,2-Trichloroethane
 Concen: 22.195 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion:	97	Resp:	36528
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.5	99.7
85	59.3	43.1	64.7
99	64.4	49.2	73.8

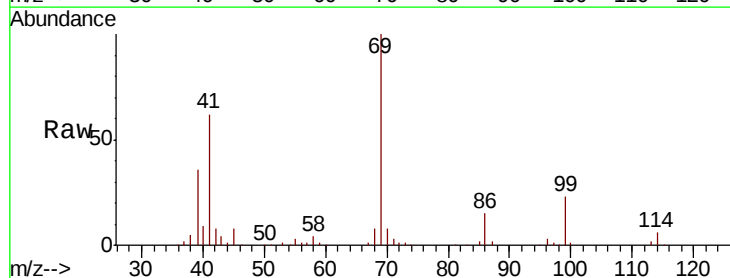


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

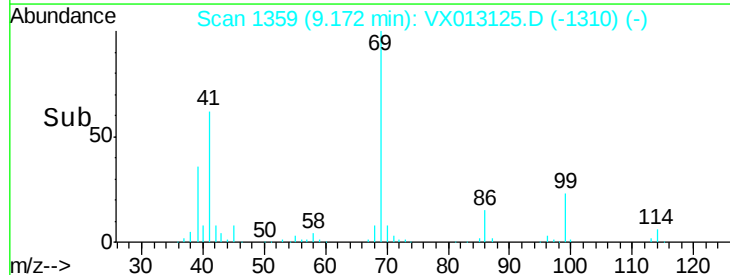
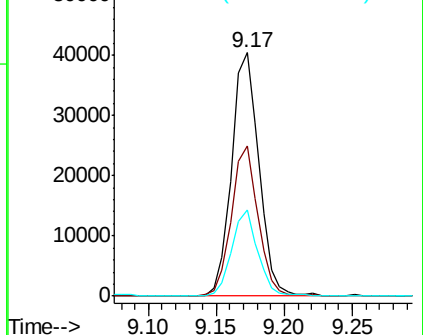


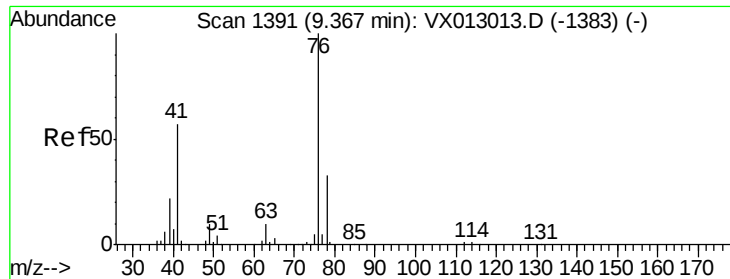
#56
 Ethyl methacrylate
 Concen: 20.357 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion:	69	Resp:	56672
Ion	Ratio	Lower	Upper
69	100		
41	60.6	52.1	78.1
39	34.5	27.8	41.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

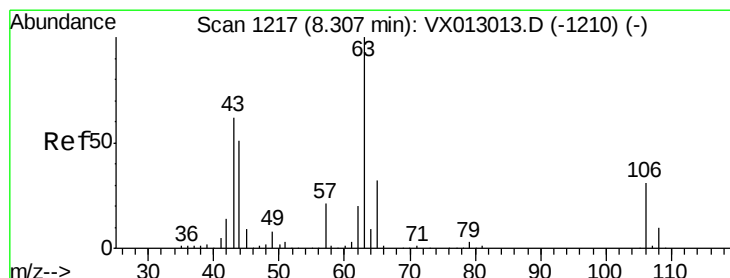
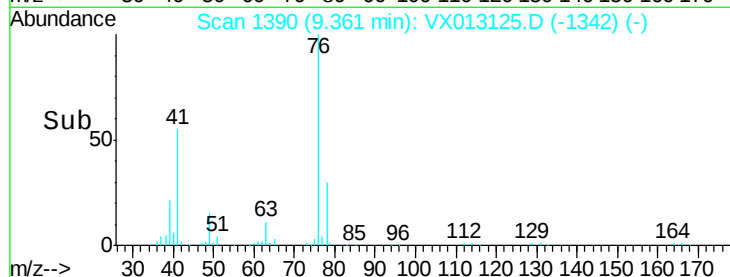
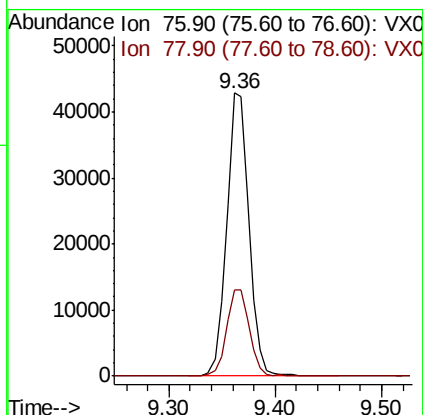
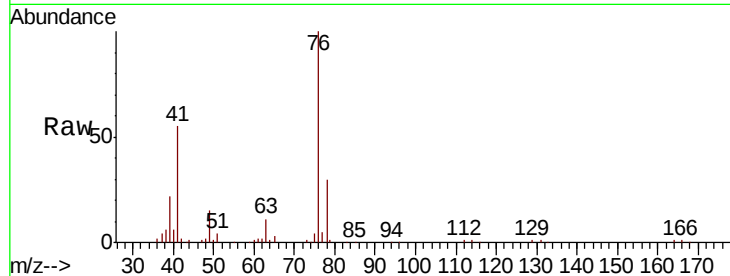




#57
 1,3-Dichloropropane
 Concen: 21.982 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

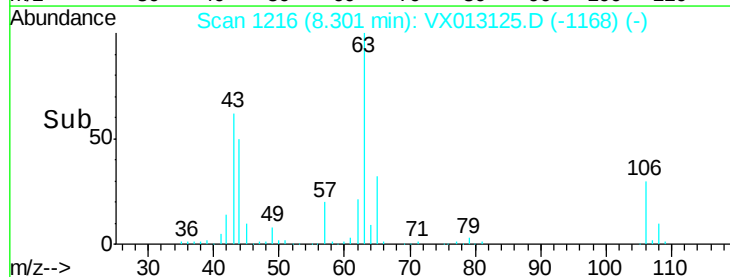
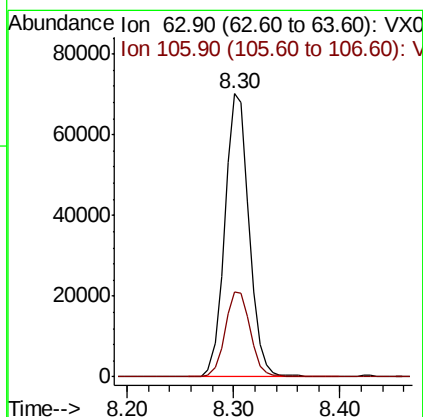
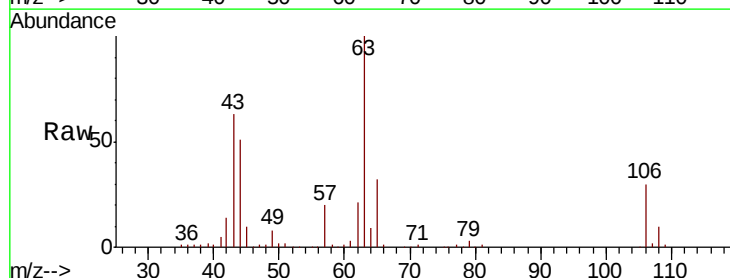
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

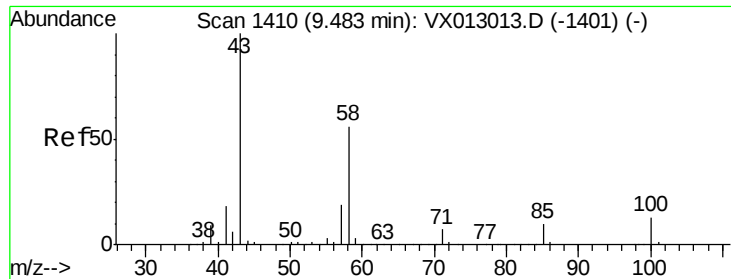
Tot Ion: 76 Resp: 62580
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.511 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 63 Resp: 111848
 Ion Ratio Lower Upper
 63 100
 106 31.0 23.8 35.8

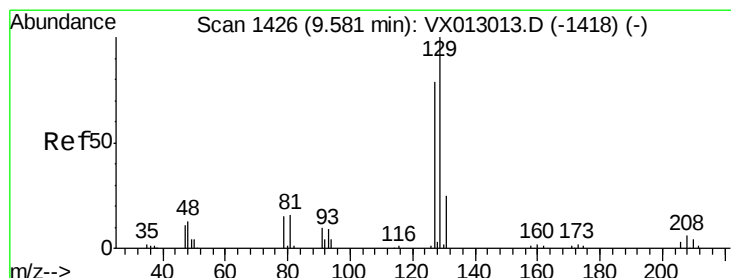
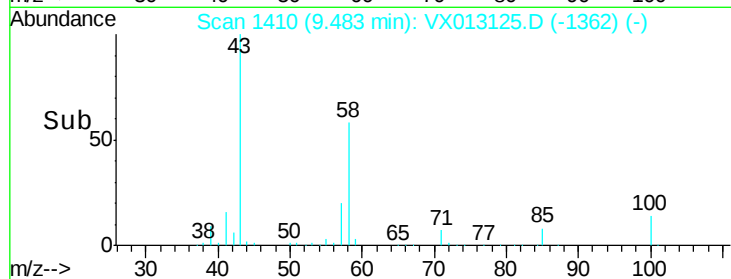
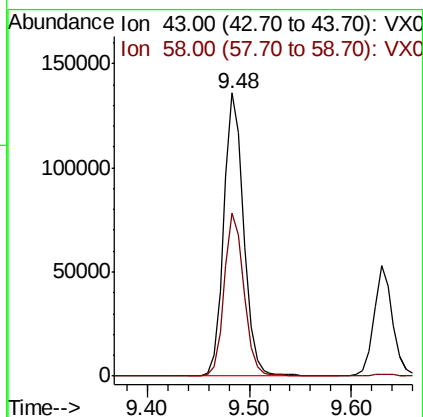
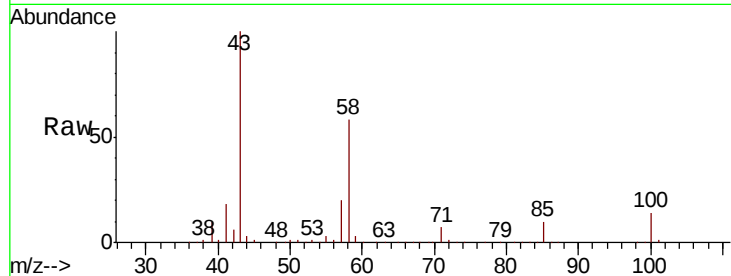




#59
2-Hexanone
Concen: 96.168 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

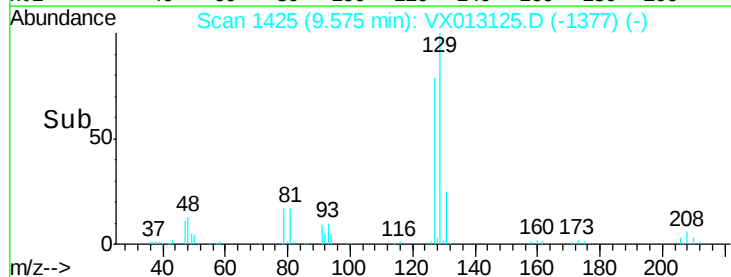
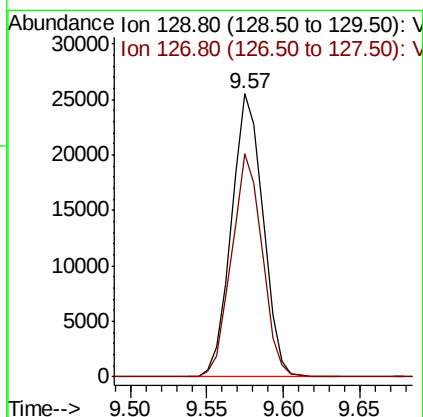
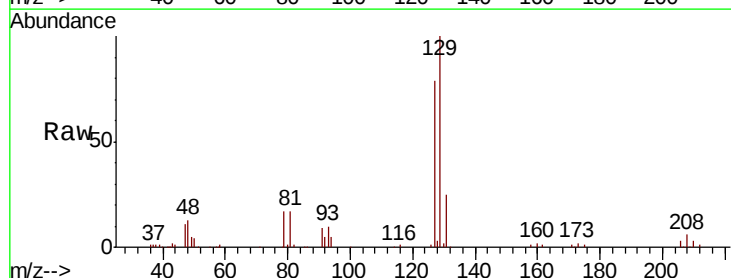
Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

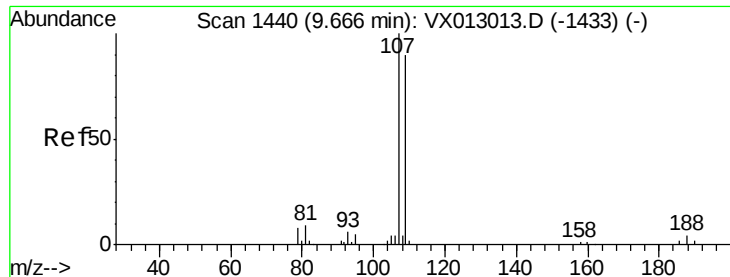
Tot Ion: 43 Resp: 184366
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3



#60
Dibromochloromethane
Concen: 21.056 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 129 Resp: 36518
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 22.172 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

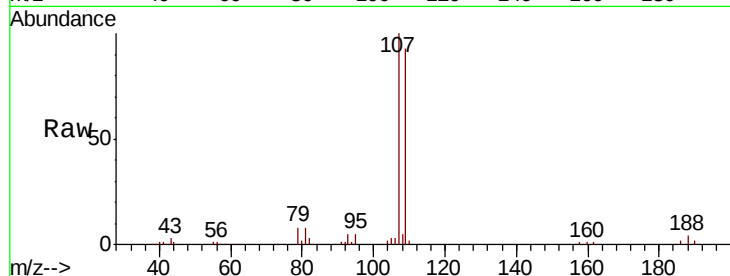
VX1018WBS01

Tot Ion:107 Resp: 38386

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

25000

20000

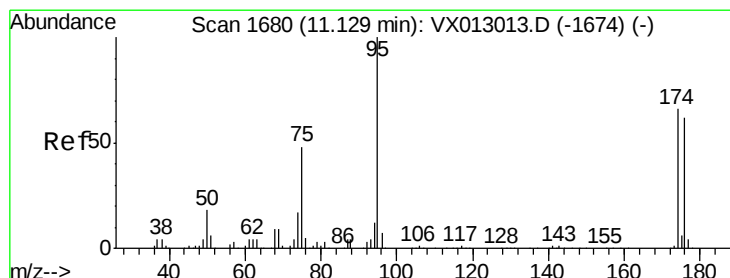
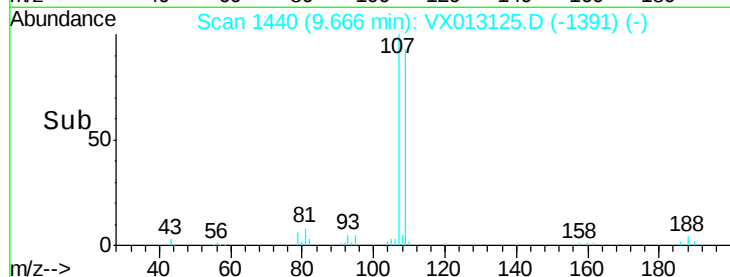
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.456 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

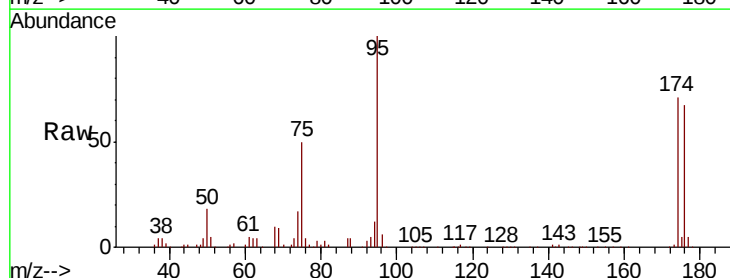
Tgt Ion: 95 Resp: 109862

Ion Ratio Lower Upper

95 100

174 75.7 0.0 143.4

176 72.1 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

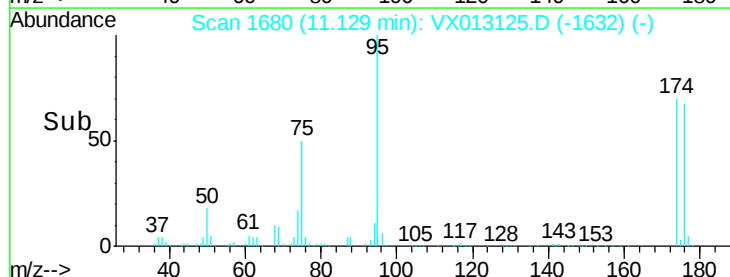
60000

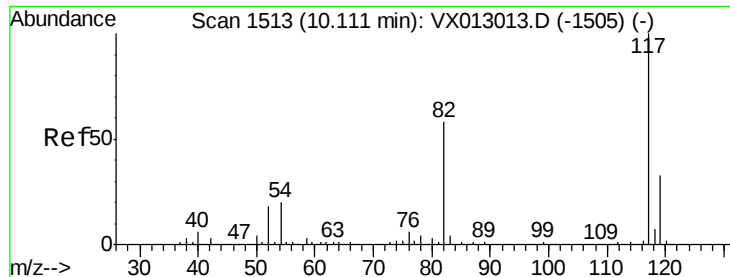
40000

20000

0

Time-->

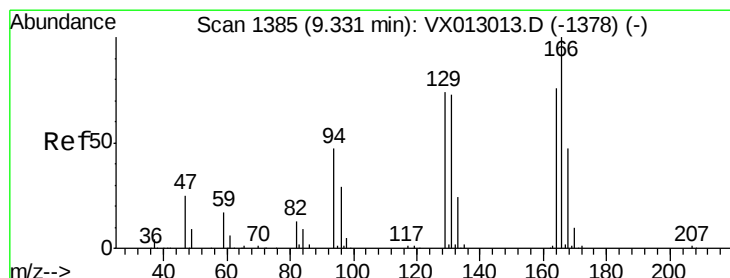
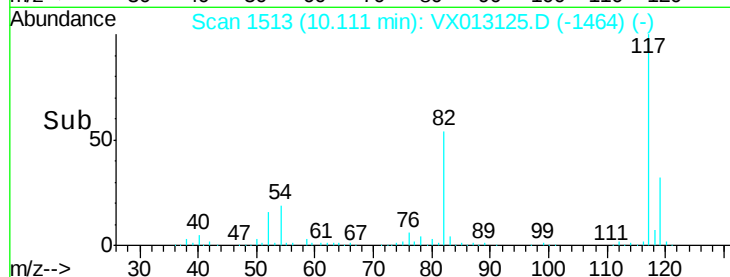
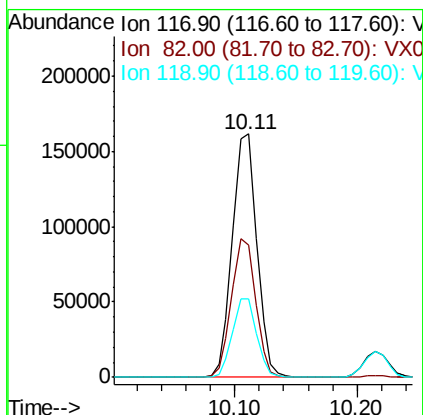
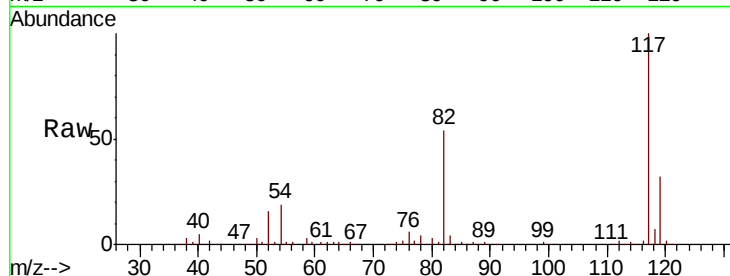




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

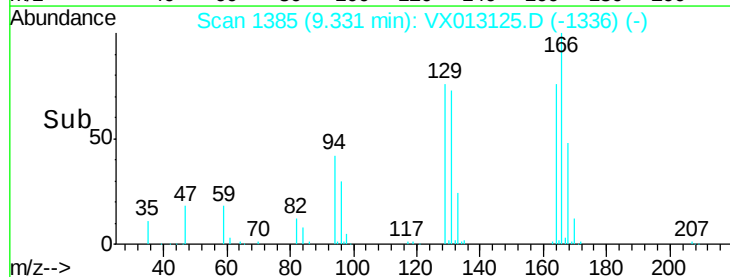
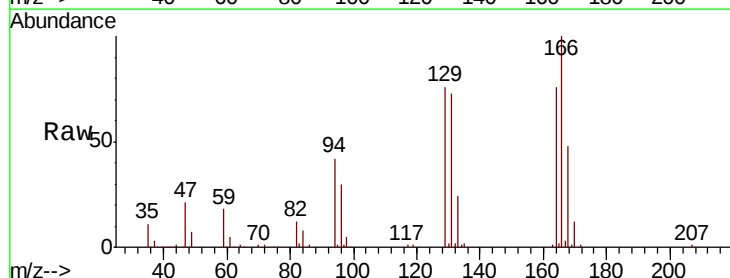
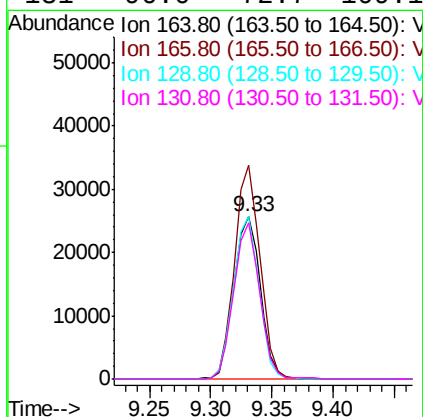
Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

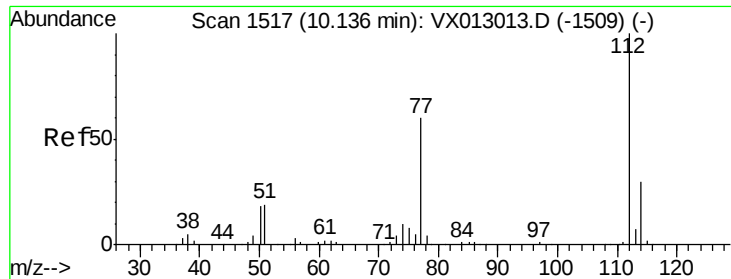
Tot Ion:117 Resp: 224173
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 24.758 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion:164 Resp: 38495
Ion Ratio Lower Upper
164 100
166 131.4 96.9 145.3
129 100.2 77.9 116.9
131 96.0 72.7 109.1

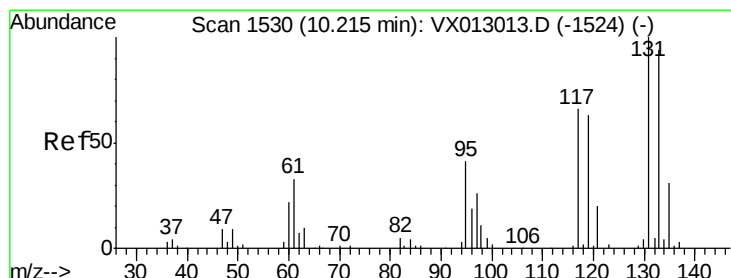
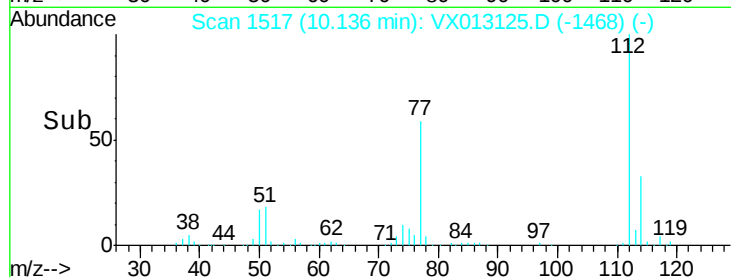
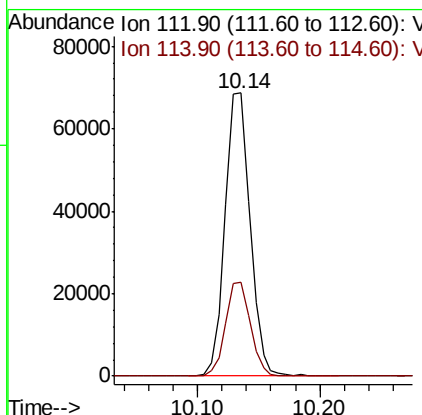
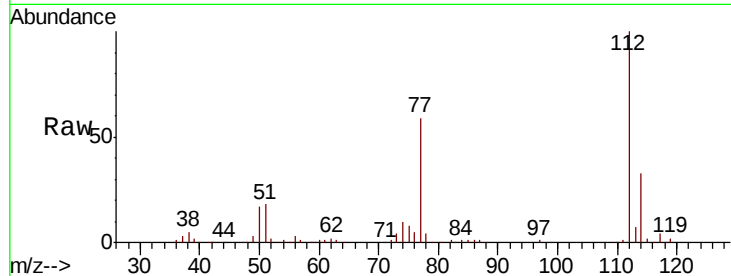




#65
Chlorobenzene
Concen: 21.873 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

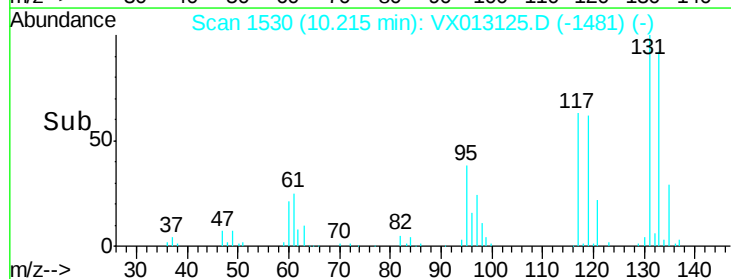
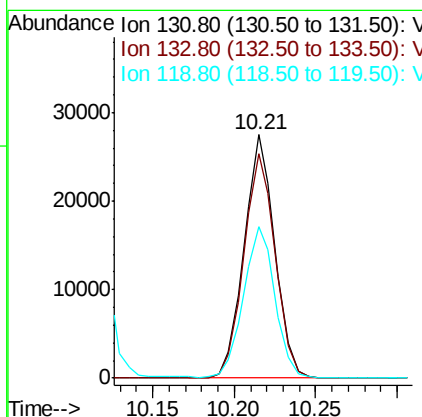
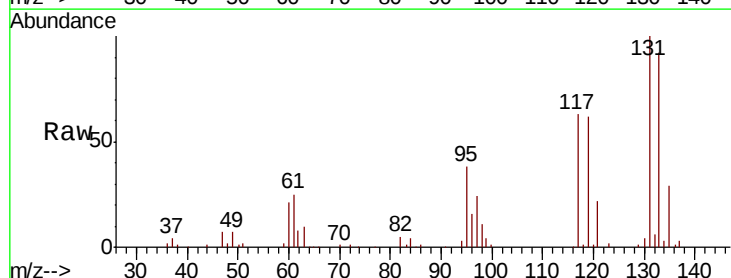
Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

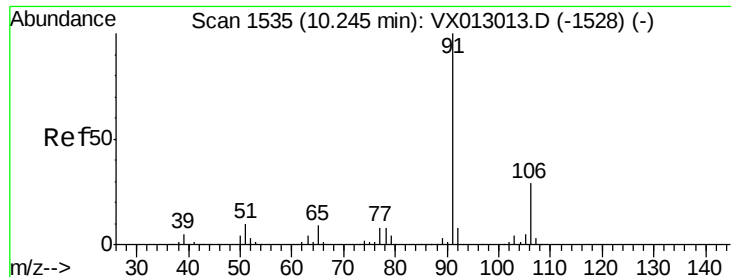
Tot Ion:112 Resp: 97373
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 23.263 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion:131 Resp: 35907
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 64.1 32.6 98.0





#67

Ethyl Benzene

Concen: 22.317 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

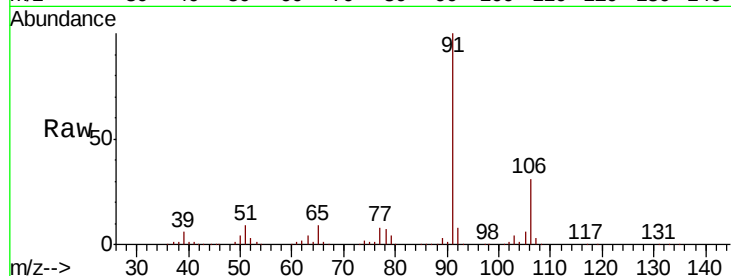
VX1018WBS01

Tot Ion: 91 Resp: 176476

Ion Ratio Lower Upper

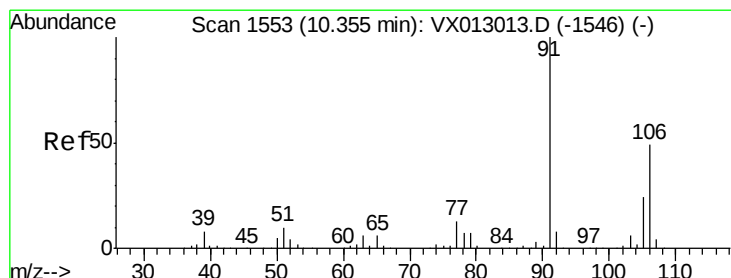
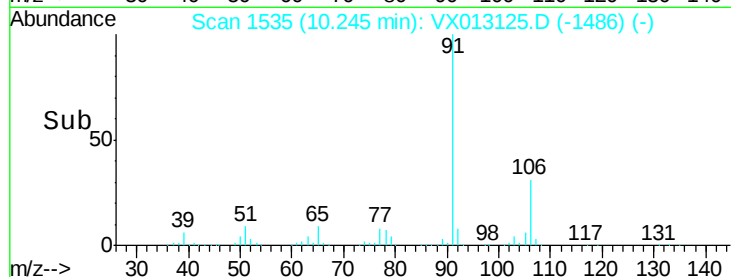
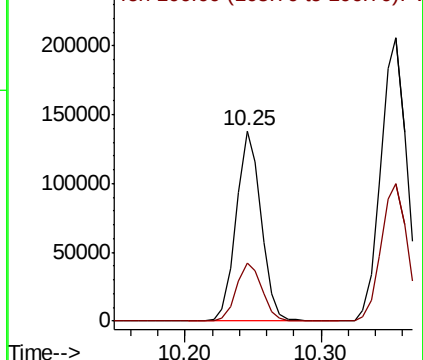
91 100

106 30.6 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 45.437 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013125.D

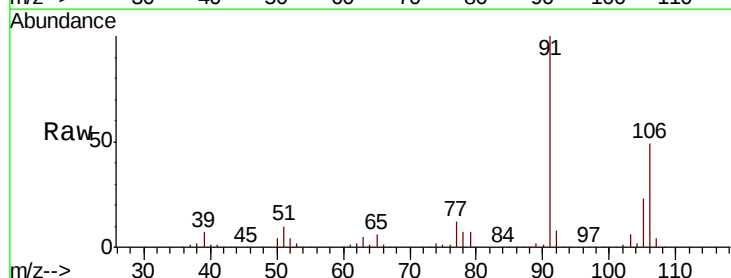
Acq: 18 Oct 2019 14:25

Tgt Ion: 106 Resp: 134227

Ion Ratio Lower Upper

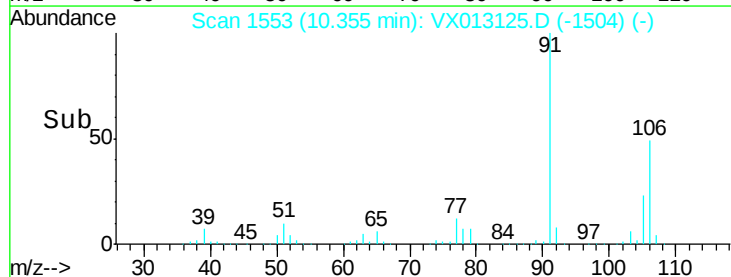
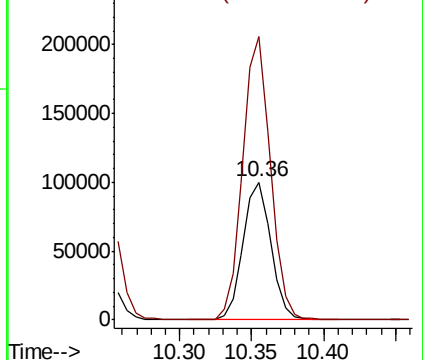
106 100

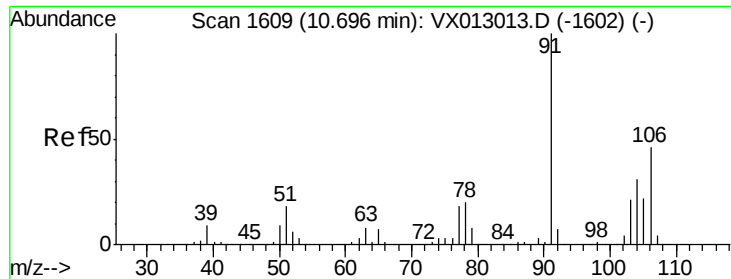
91 204.5 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

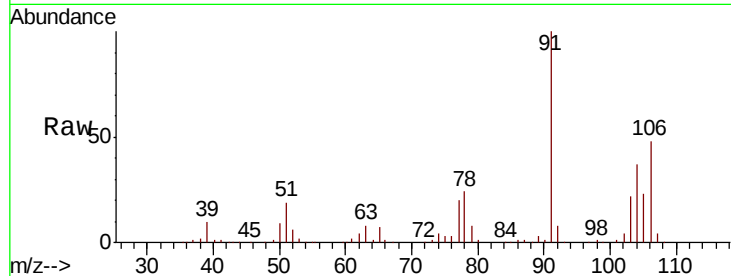




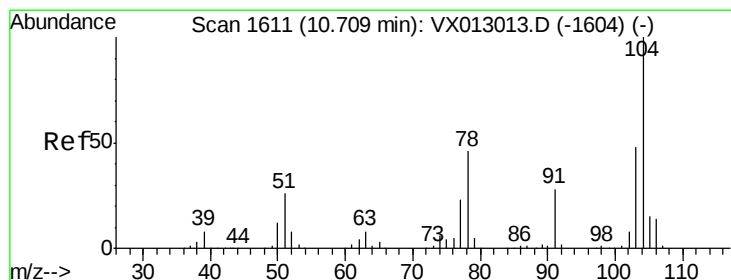
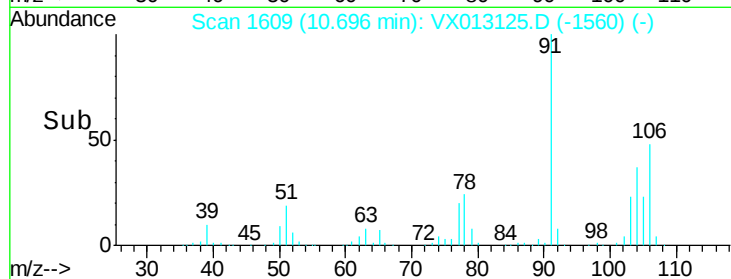
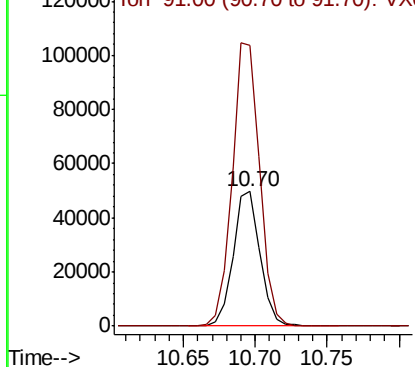
#69
o-Xylene
Concen: 22.464 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampled :
VX1018WBS01

Tot Ion:106 Resp: 64714
Ion Ratio Lower Upper
106 100
91 215.6 109.1 327.3

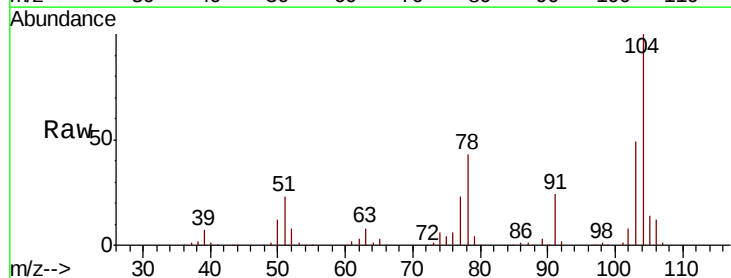


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

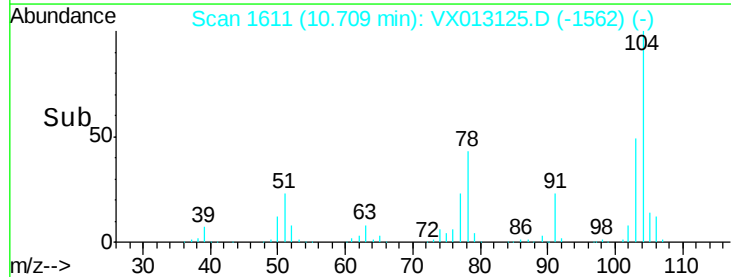
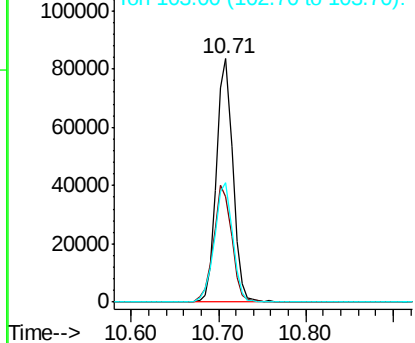


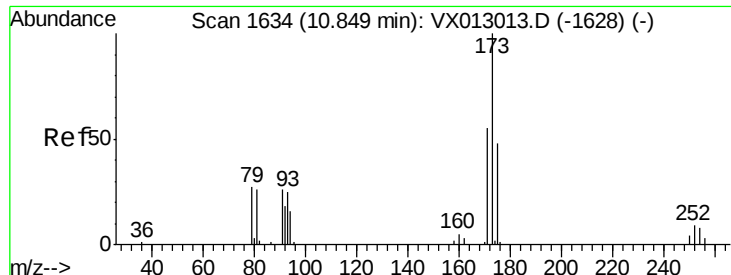
#70
Styrene
Concen: 22.126 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion:104 Resp: 108360
Ion Ratio Lower Upper
104 100
78 52.9 41.2 61.8
103 54.4 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

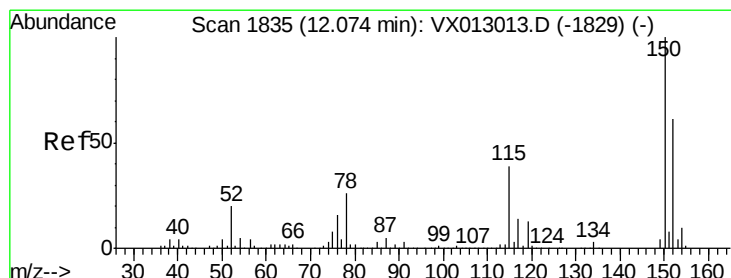
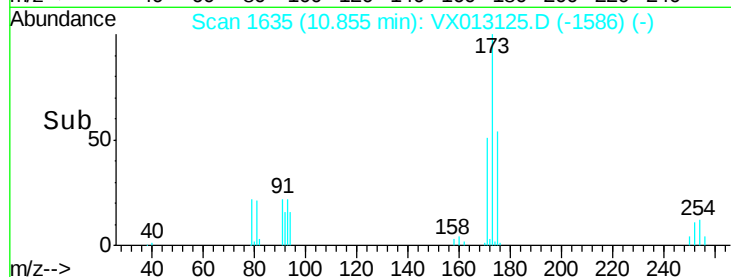
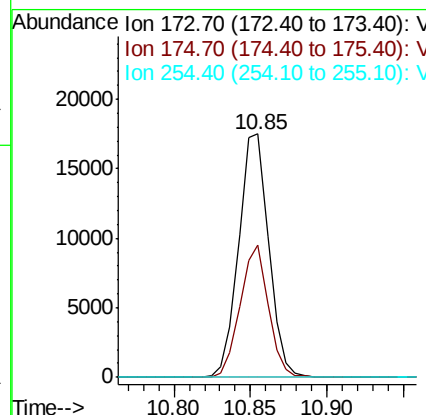
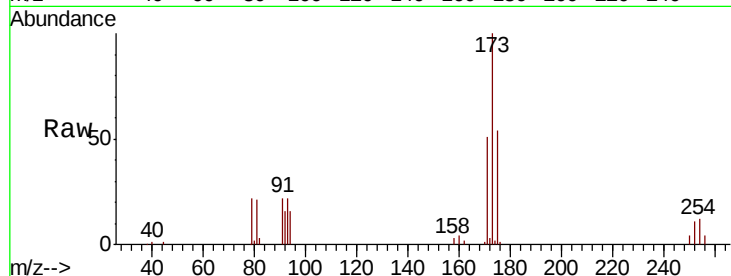




#71
Bromoform
Concen: 20.125 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

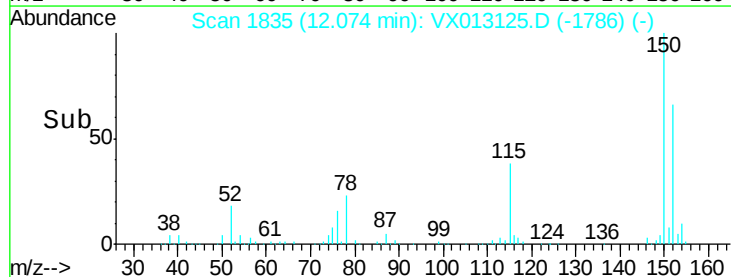
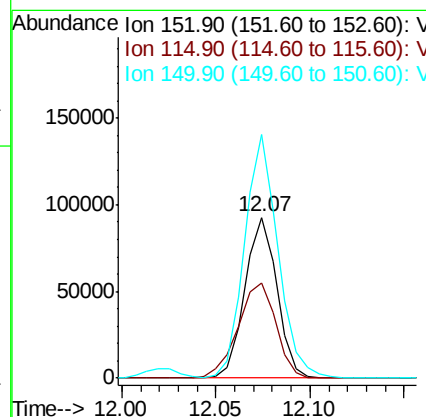
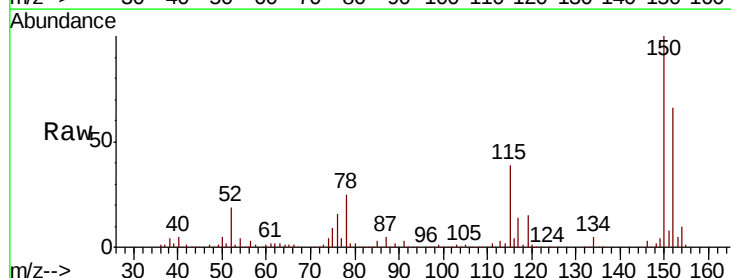
Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

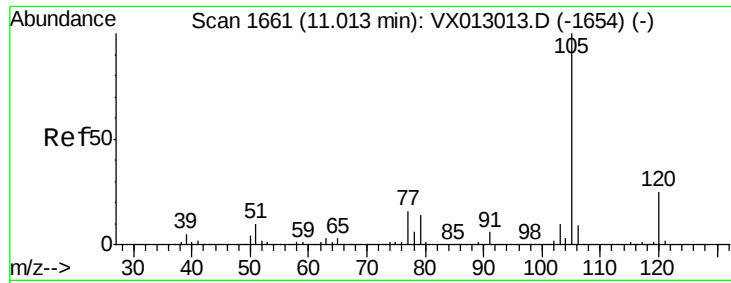
Tot Ion:173 Resp: 23837
Ion Ratio Lower Upper
173 100
175 50.7 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion:152 Resp: 109709
Ion Ratio Lower Upper
152 100
115 70.1 44.5 133.5
150 157.5 0.0 353.4





#73

Isopropylbenzene

Concen: 21.445 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

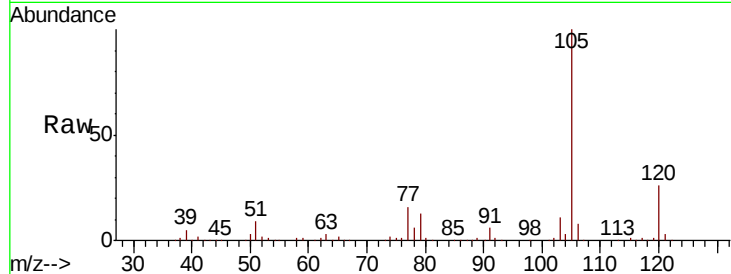
VX1018WBS01

Tot Ion:105 Resp: 172972

Ion Ratio Lower Upper

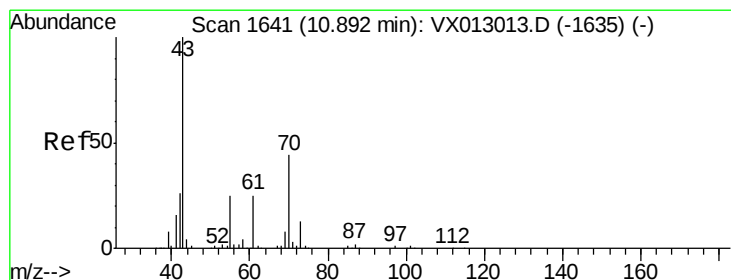
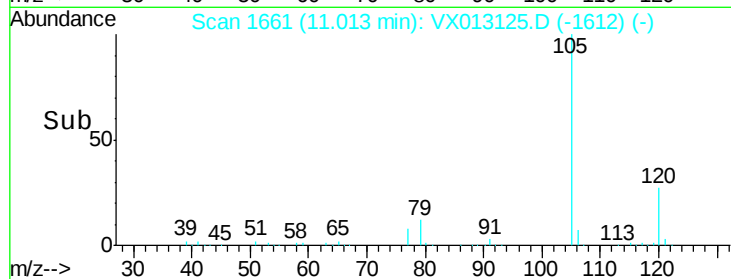
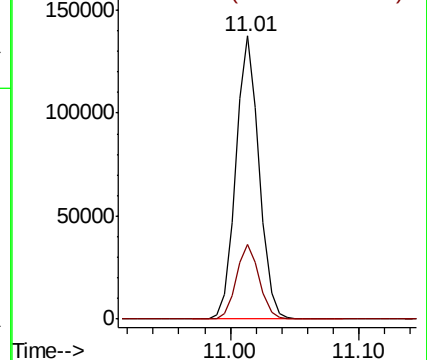
105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.980 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion: 43 Resp: 65934

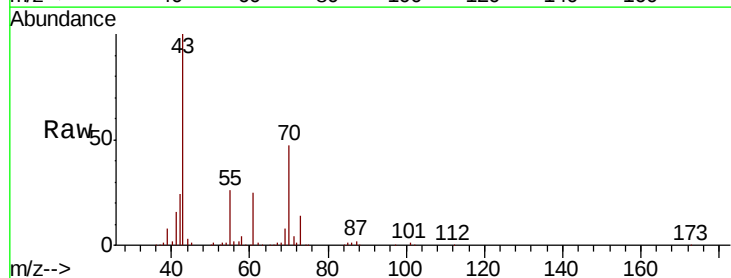
Ion Ratio Lower Upper

43 100

70 46.0 36.4 54.6

55 25.1 20.2 30.2

61 24.5 20.5 30.7

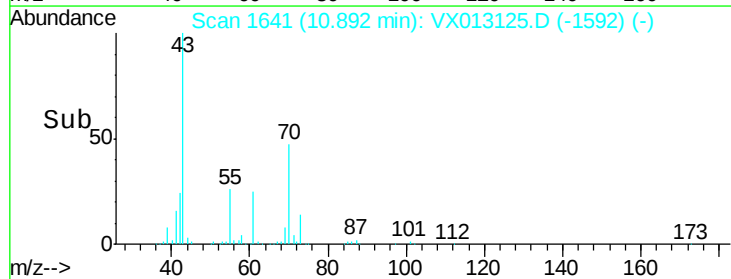
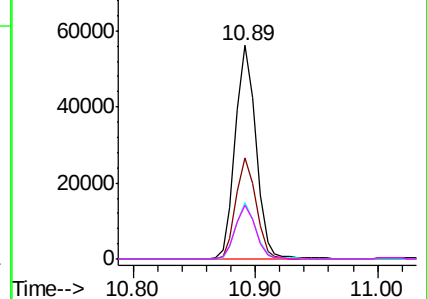


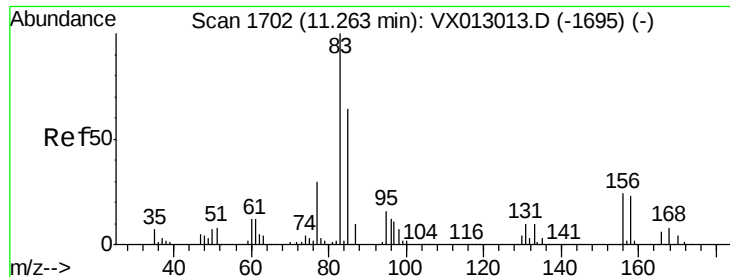
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.979 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

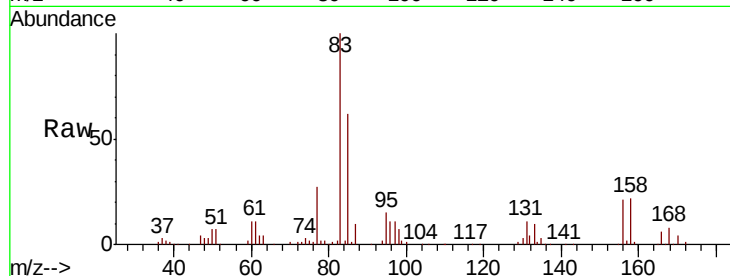
Tot Ion: 83 Resp: 53598

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

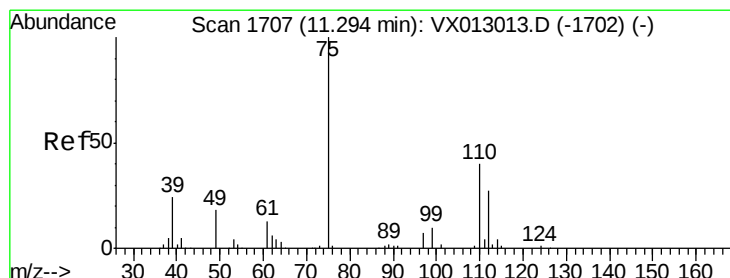
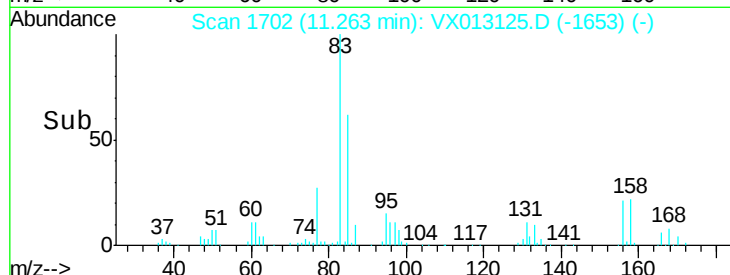
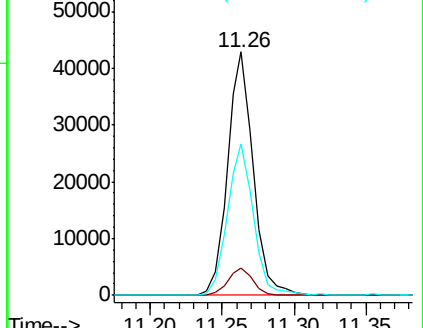
85 63.3 32.1 96.5



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: 25.043 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013125.D

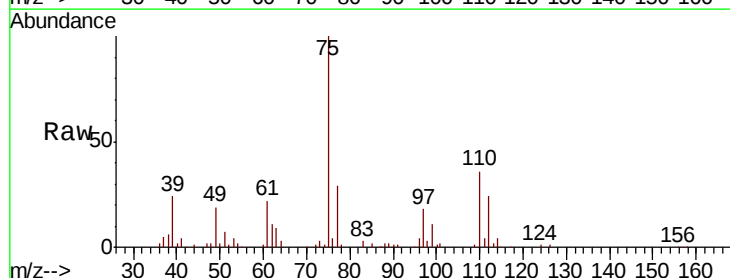
Acq: 18 Oct 2019 14:25

Tgt Ion: 75 Resp: 60937

Ion Ratio Lower Upper

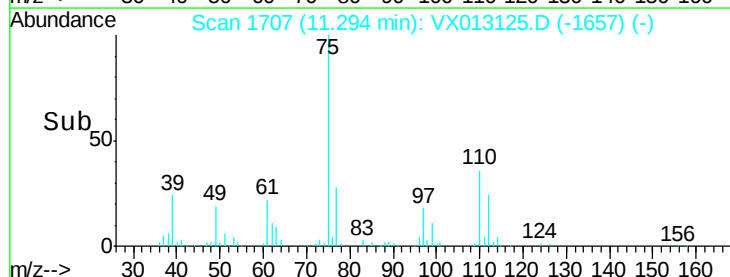
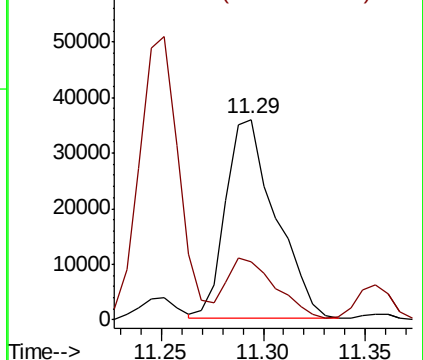
75 100

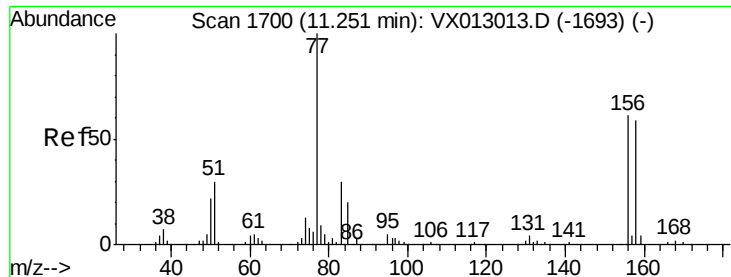
77 30.2 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.319 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

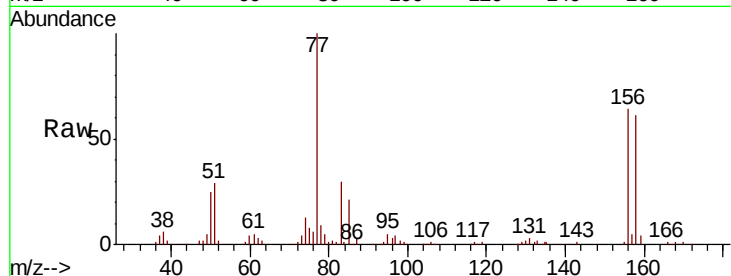
Tot Ion:156 Resp: 40521

Ion Ratio Lower Upper

156 100

77 169.8 83.7 251.0

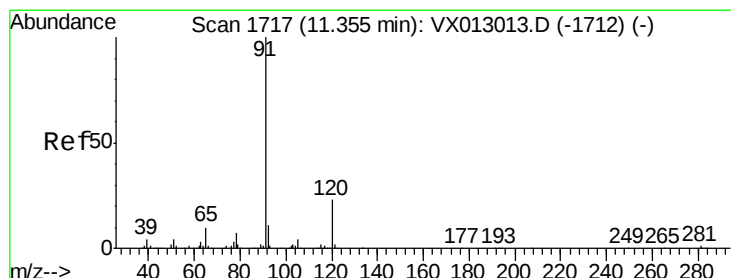
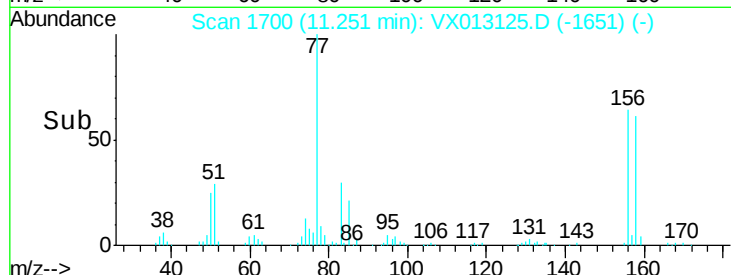
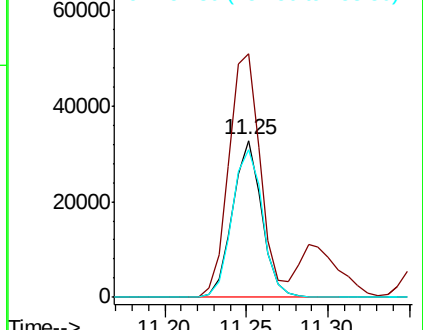
158 99.5 48.6 145.9



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: 21.702 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013125.D

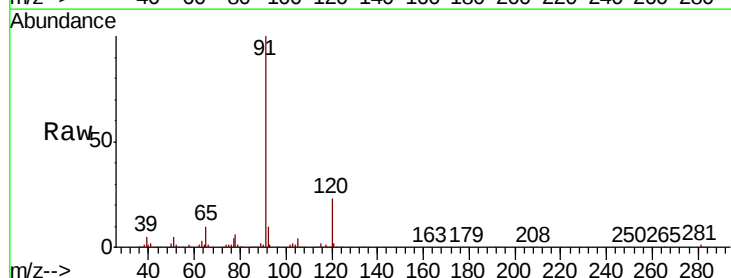
Acq: 18 Oct 2019 14:25

Tgt Ion: 91 Resp: 192620

Ion Ratio Lower Upper

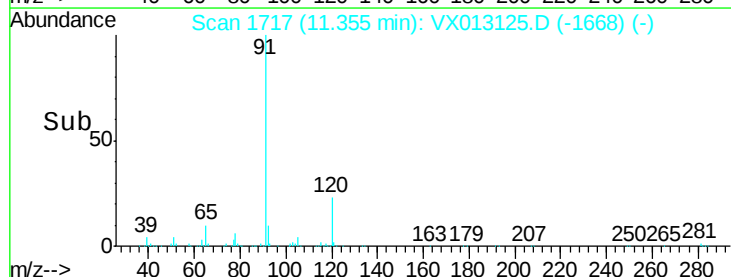
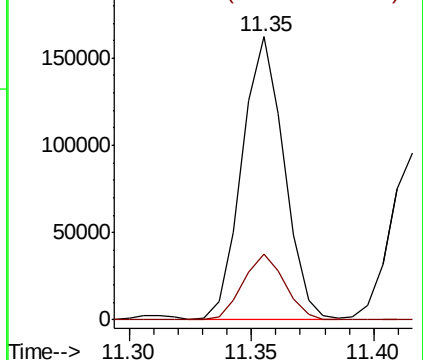
91 100

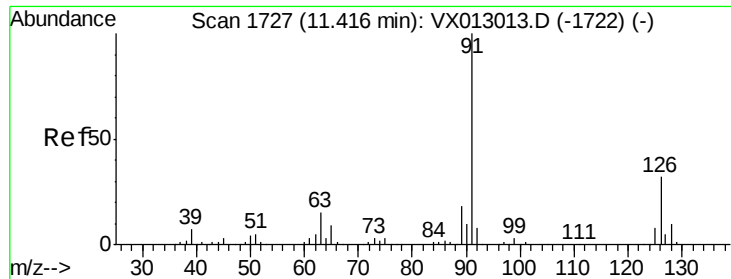
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

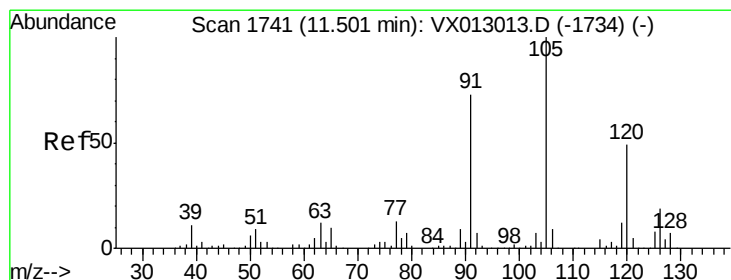
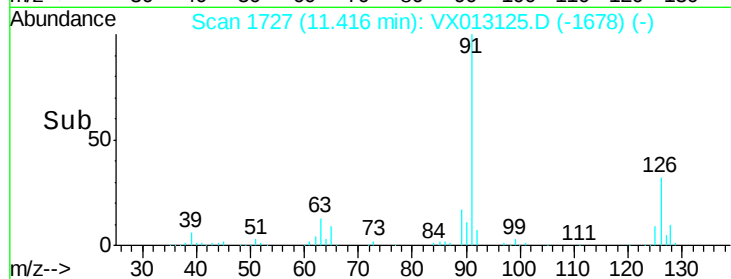
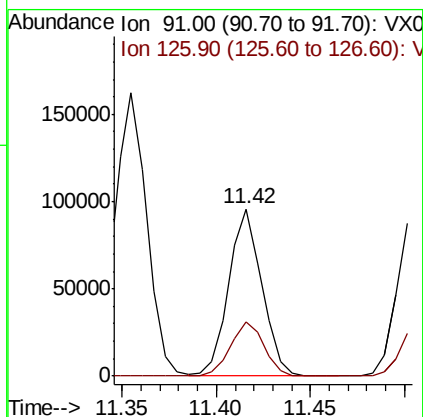
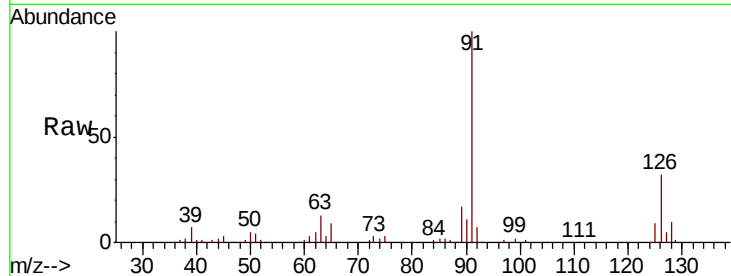




#79
 2-Chlorotoluene
 Concen: 20.744 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

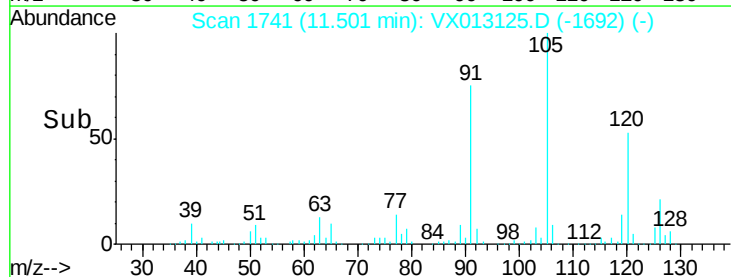
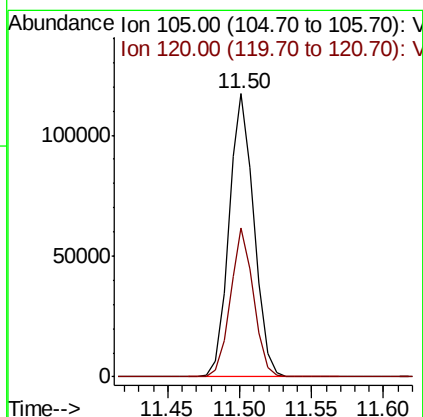
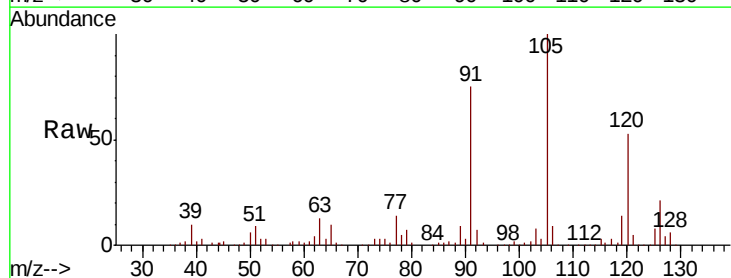
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

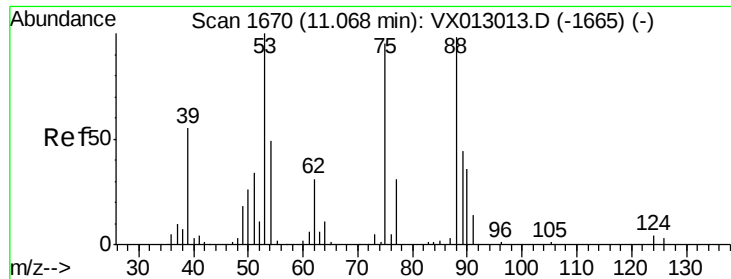
Tot Ion: 91 Resp: 115710
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.128 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 105 Resp: 142301
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.564 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

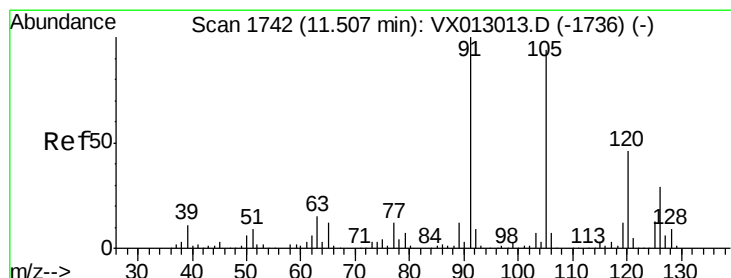
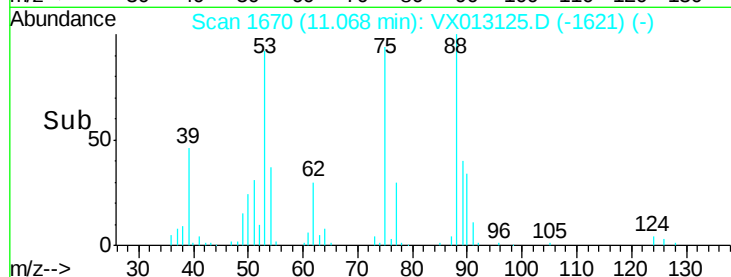
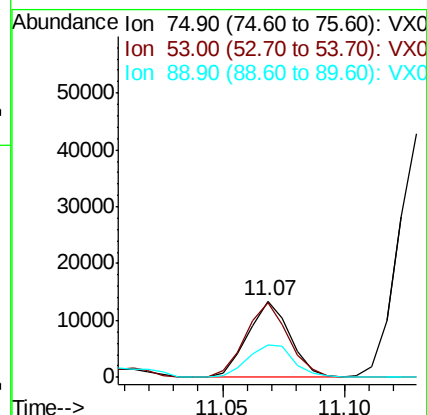
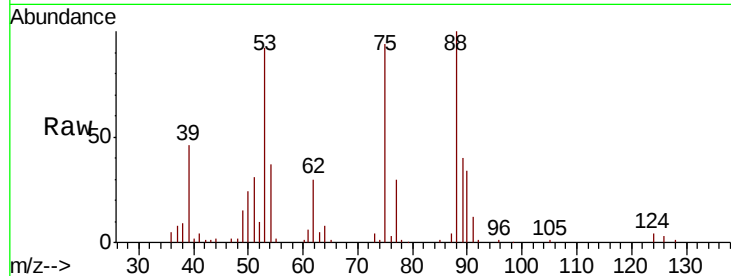
Tot Ion: 75 Resp: 15951

Ion Ratio Lower Upper

75 100

53 100.4 78.5 117.7

89 46.9 37.4 56.2



#82

4-Chlorotoluene

Concen: 20.246 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013125.D

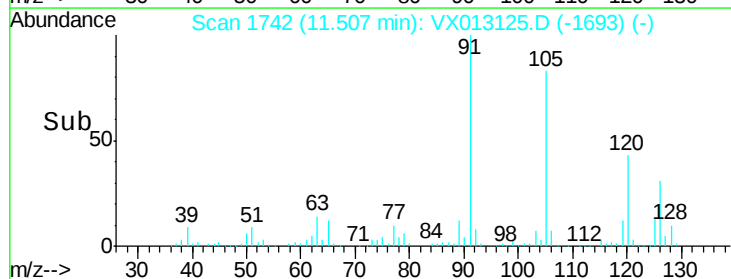
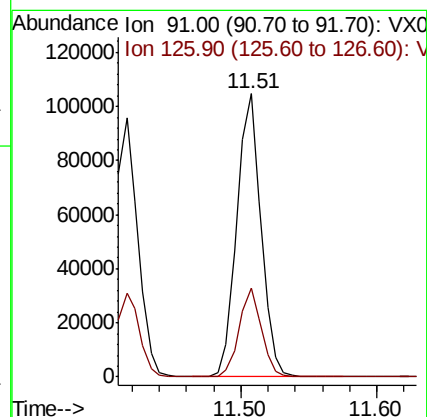
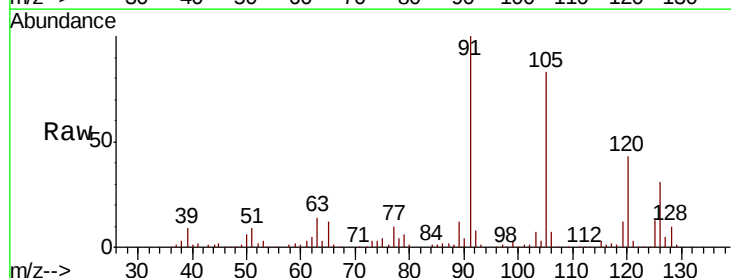
Acq: 18 Oct 2019 14:25

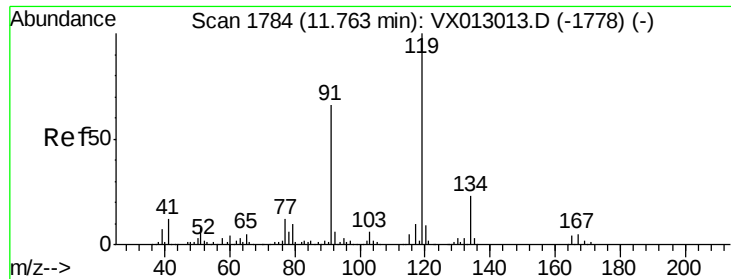
Tgt Ion: 91 Resp: 129440

Ion Ratio Lower Upper

91 100

126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 21.532 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

VX1018WBS01

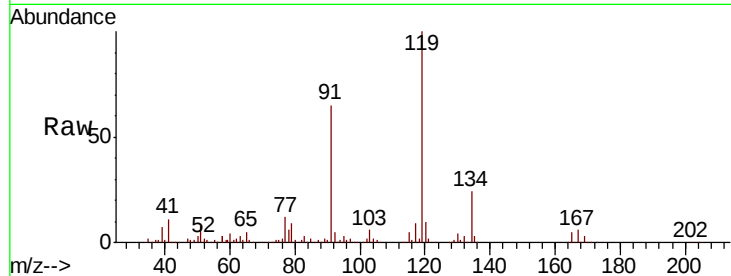
Tot Ion:119 Resp: 141467

Ion Ratio Lower Upper

119 100

91 60.6 29.3 87.9

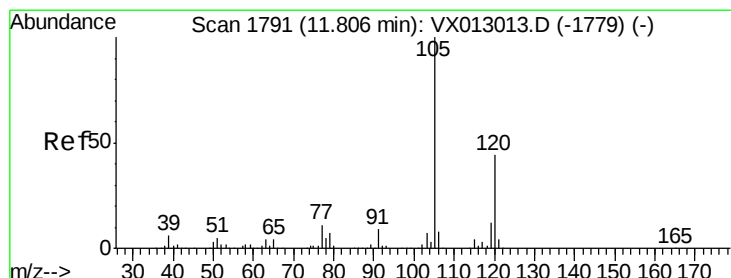
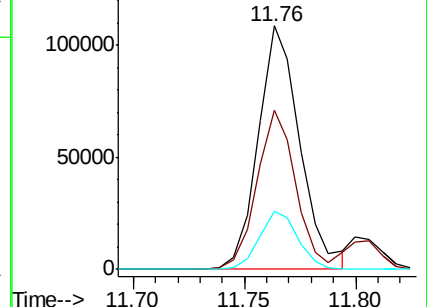
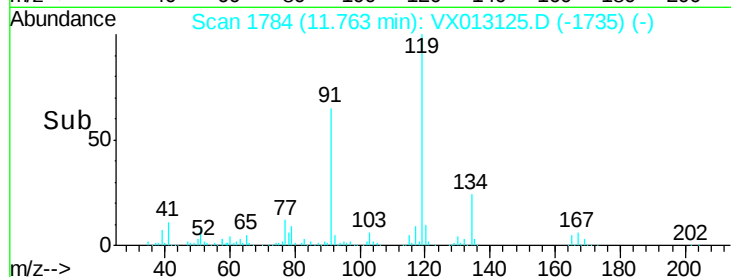
134 22.1 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.784 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013125.D

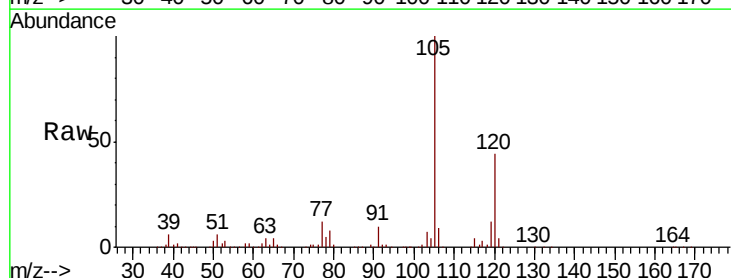
Acq: 18 Oct 2019 14:25

Tgt Ion:105 Resp: 148594

Ion Ratio Lower Upper

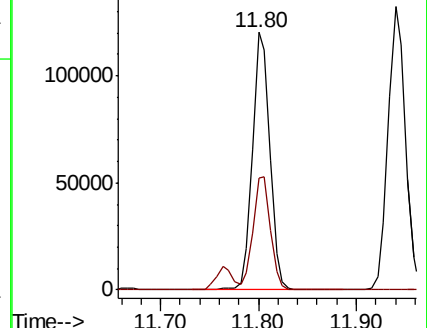
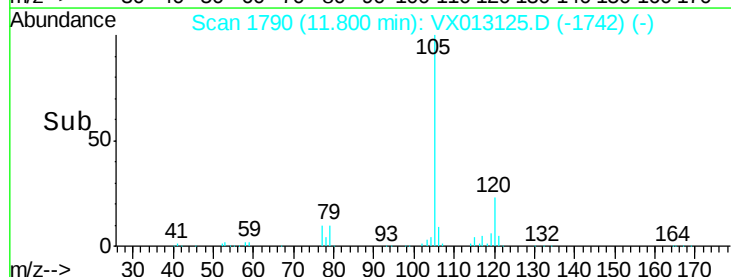
105 100

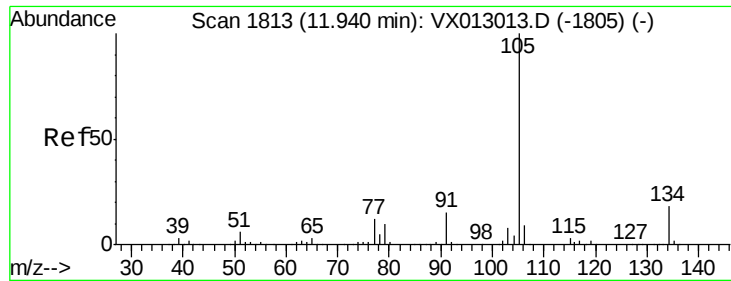
120 44.1 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

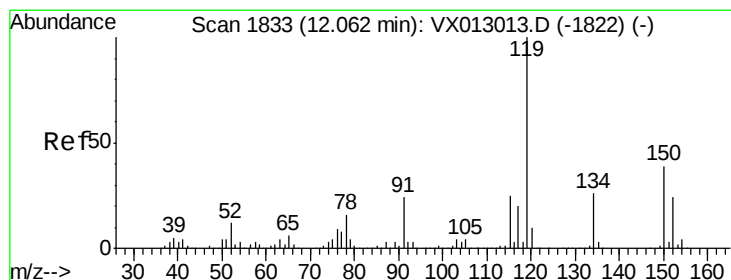
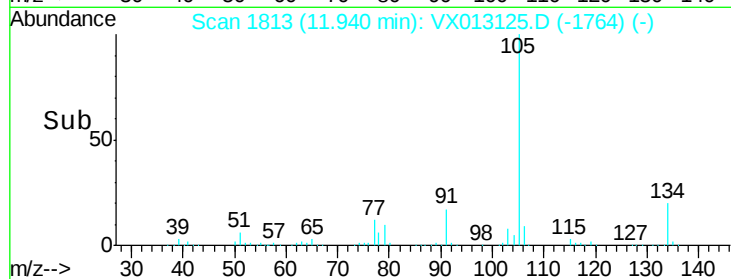
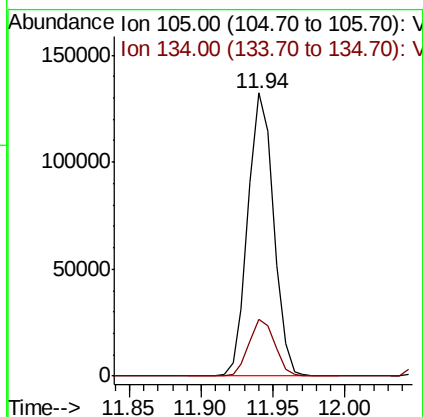
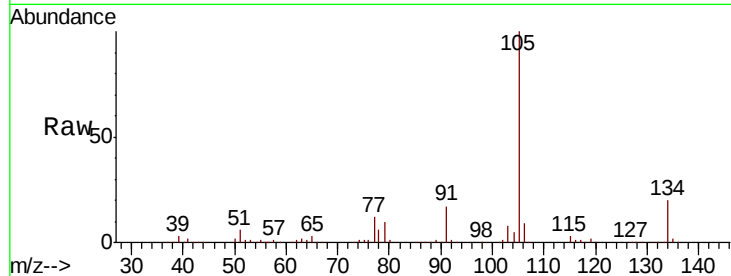




#85
 sec-Butylbenzene
 Concen: 21.456 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

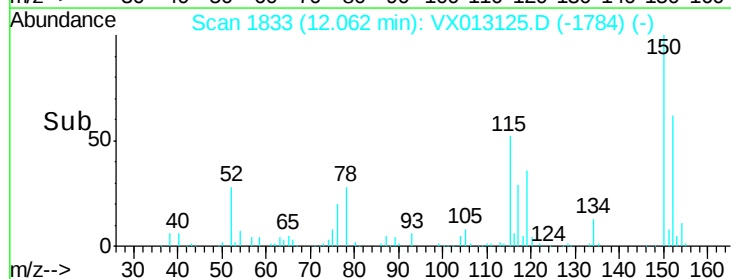
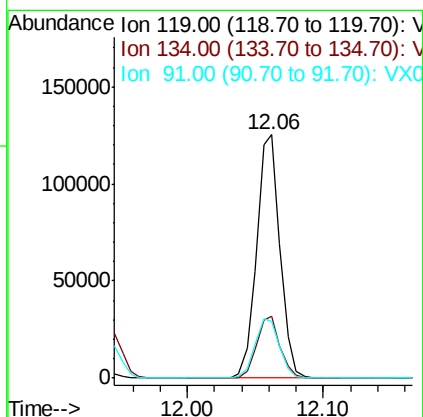
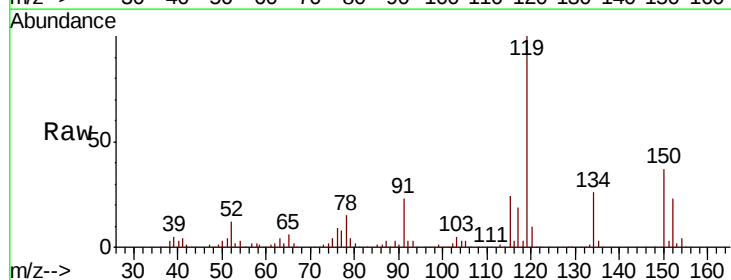
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

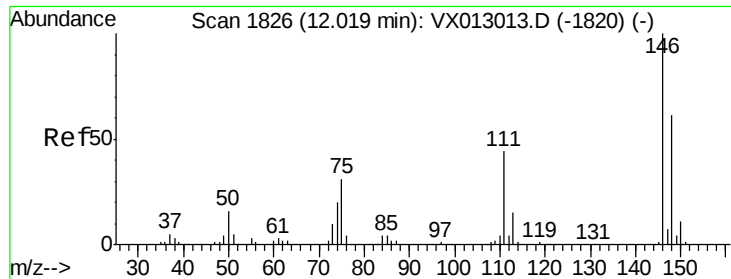
Tot Ion:105 Resp: 163315
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 21.510 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion:119 Resp: 151849
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 25.4 12.4 37.4

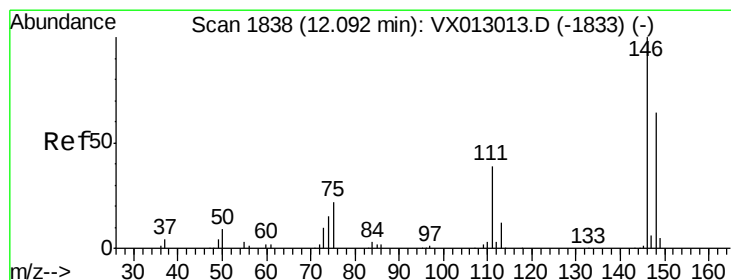
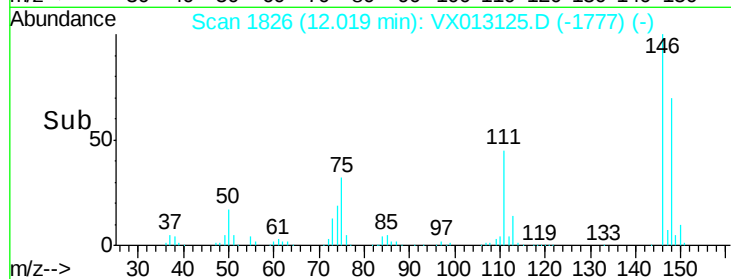
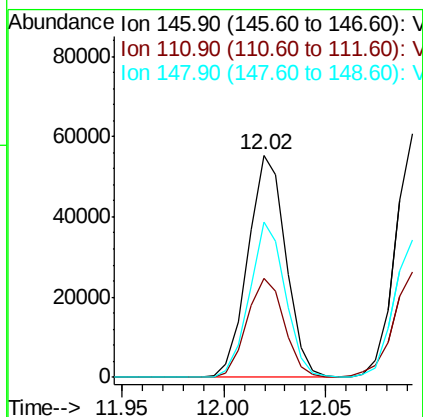
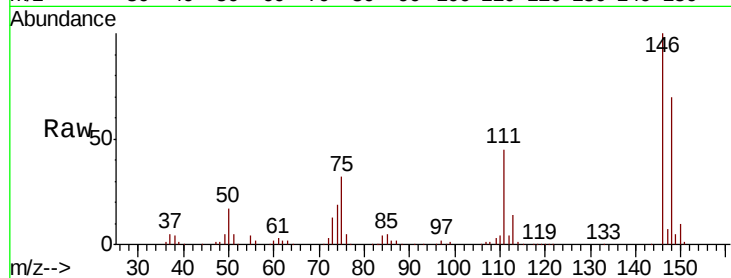




#87
 1,3-Dichlorobenzene
 Concen: 20.220 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

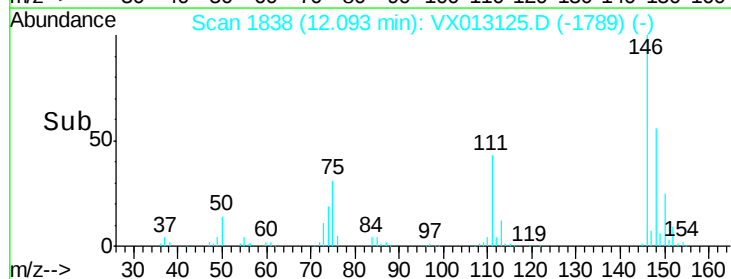
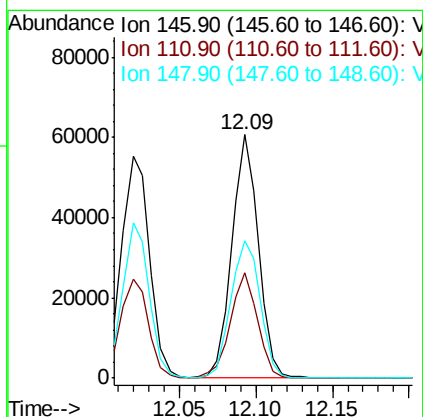
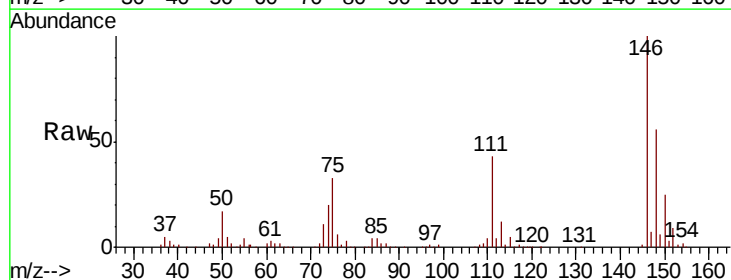
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

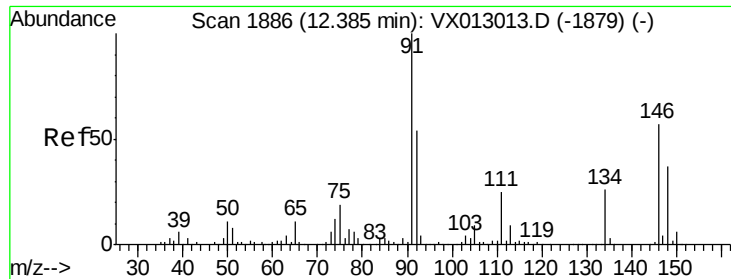
Tot Ion:146 Resp: 71370
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.1 63.4
 148 66.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.330 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion:146 Resp: 72673
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.4 64.3
 148 62.4 32.1 96.5





#89

n-Butylbenzene

Concen: 21.592 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

VX1018WBS01

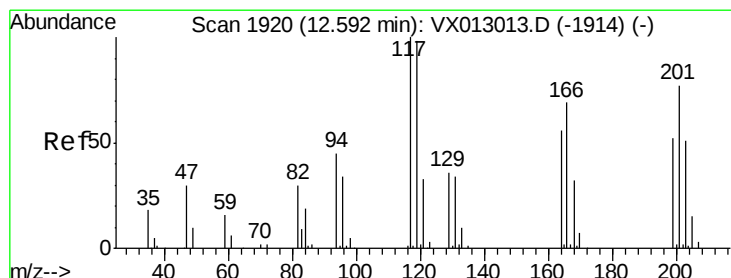
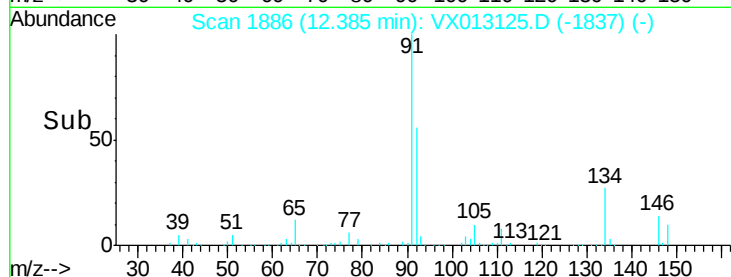
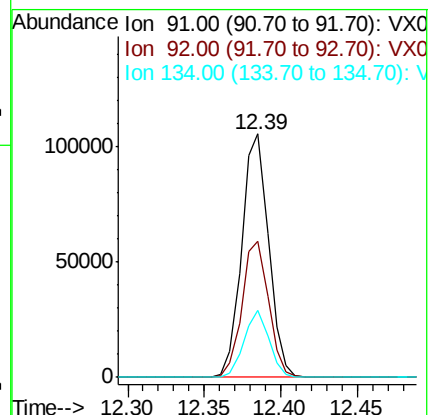
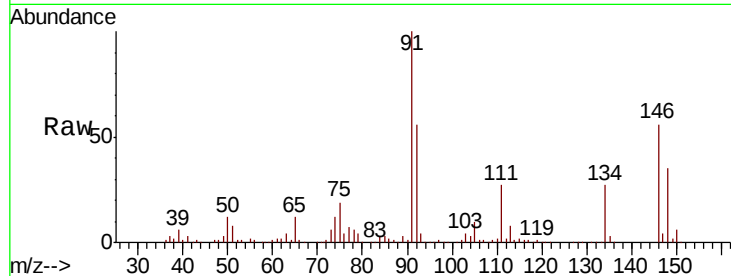
Tot Ion: 91 Resp: 128111

Ion Ratio Lower Upper

91 100

92 55.4 27.5 82.5

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 19.924 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013125.D

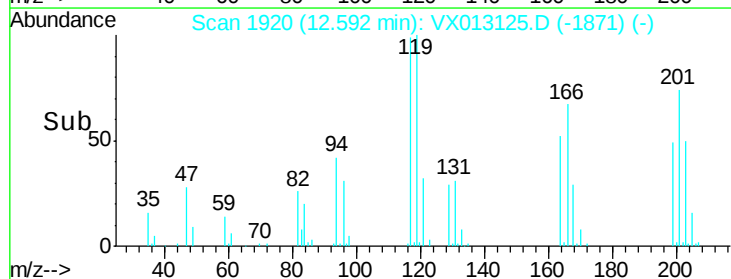
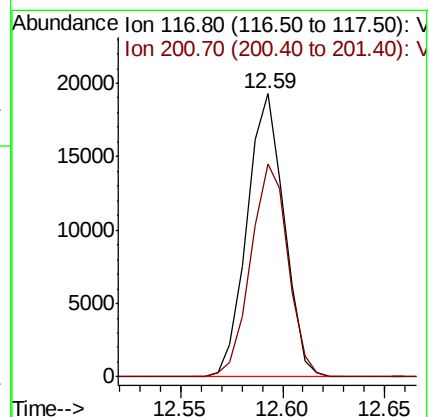
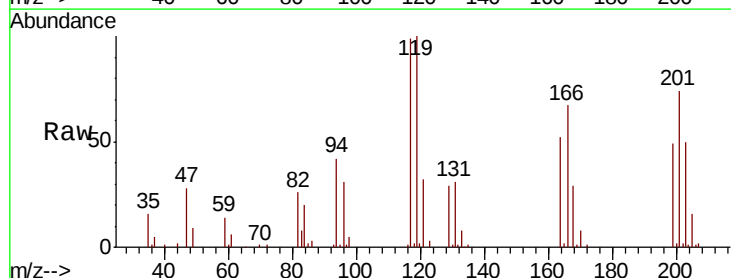
Acq: 18 Oct 2019 14:25

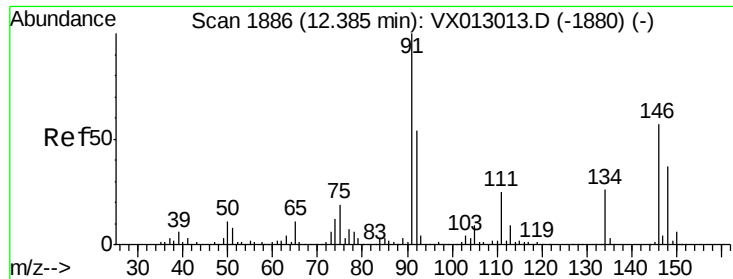
Tgt Ion: 117 Resp: 24311

Ion Ratio Lower Upper

117 100

201 76.0 36.9 110.7

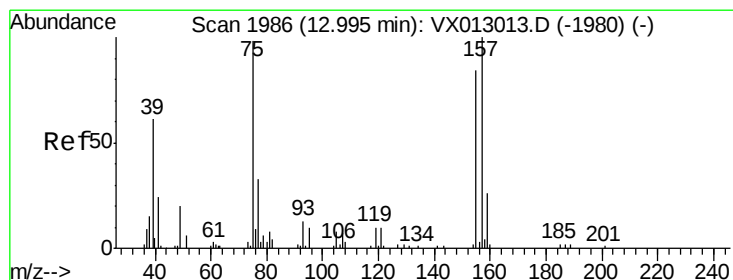
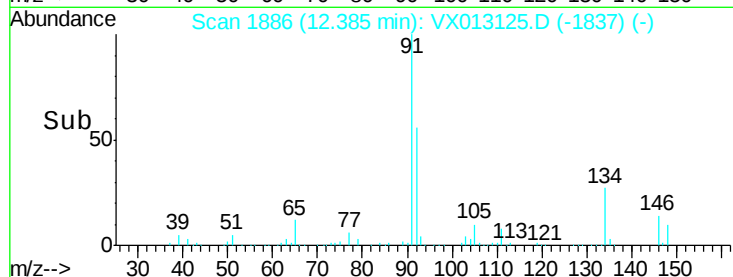
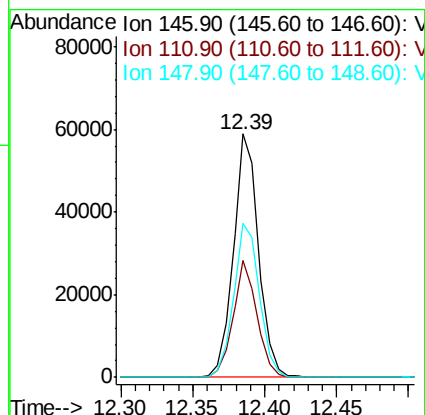
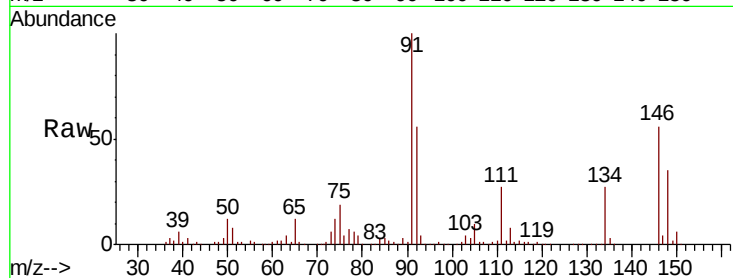




#91
 1,2-Dichlorobenzene
 Concen: 20.712 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

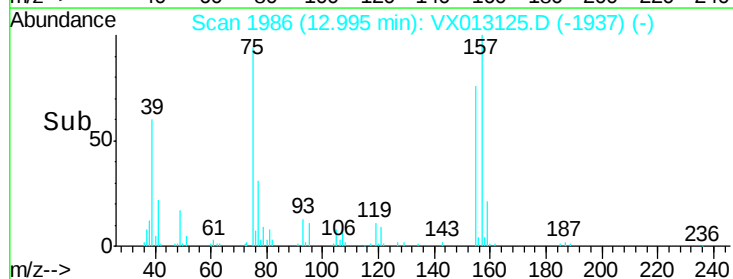
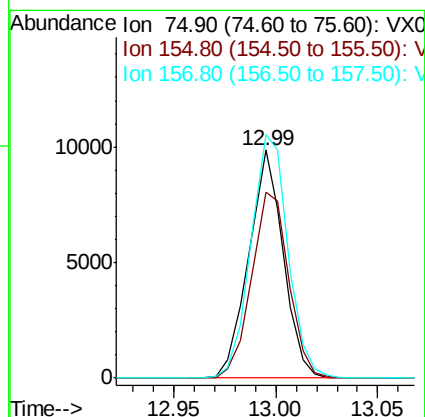
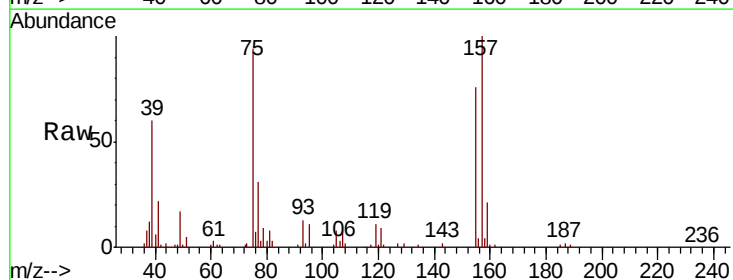
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

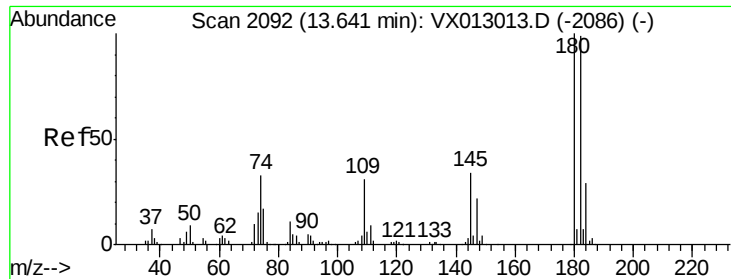
Tot Ion:146 Resp: 71670
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.7 68.0
 148 65.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.413 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 75 Resp: 11578
 Ion Ratio Lower Upper
 75 100
 155 88.0 43.0 128.8
 157 114.9 54.1 162.3

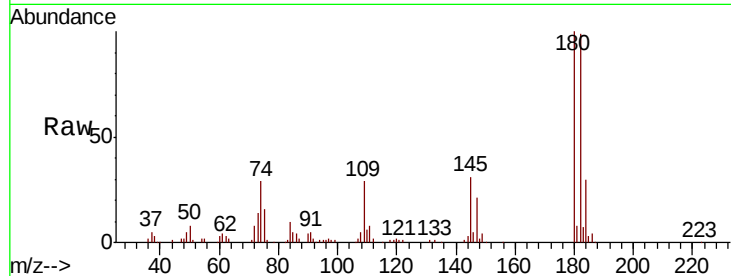




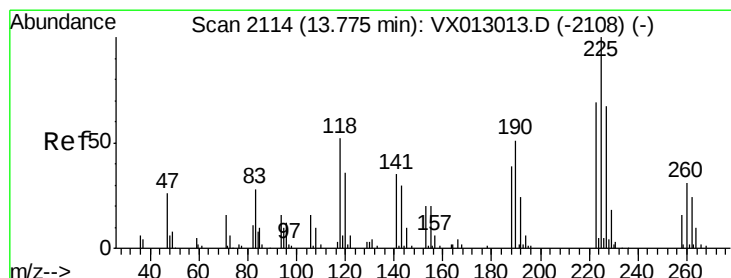
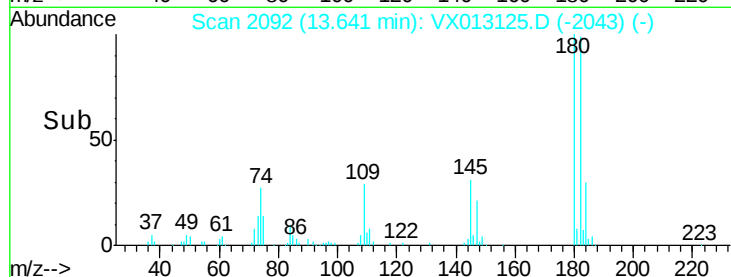
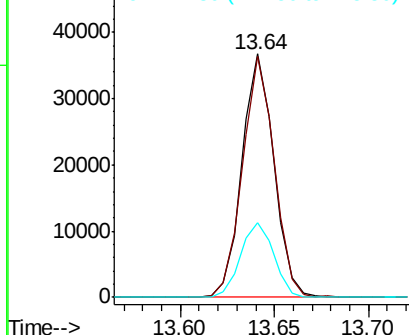
#93
 1,2,4-Trichlorobenzene
 Concen: 19.862 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion:180 Resp: 43054
 Ion Ratio Lower Upper
 180 100
 182 98.7 46.8 140.4
 145 32.1 16.2 48.6

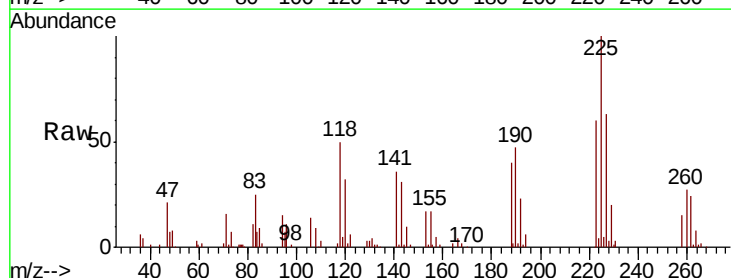


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

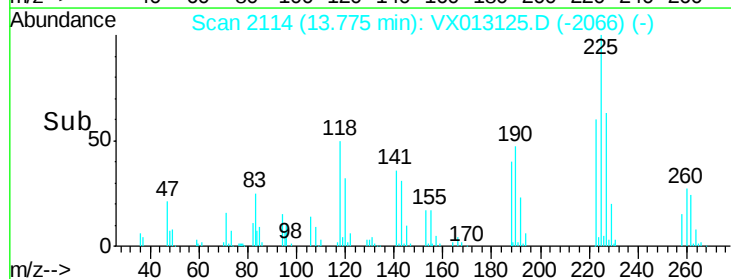
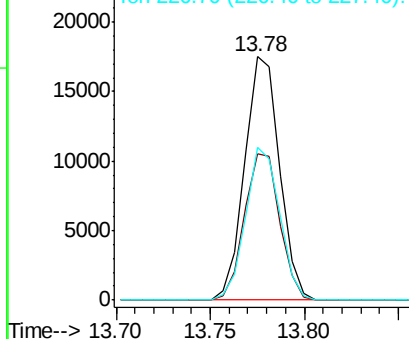


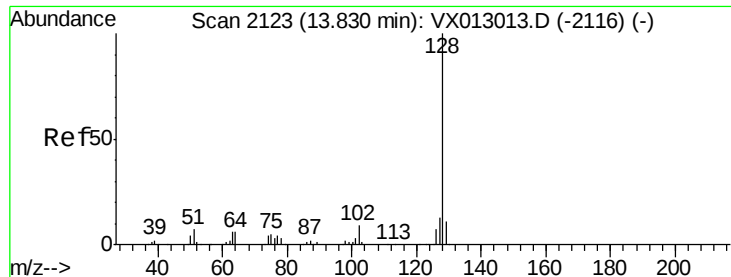
#94
 Hexachlorobutadiene
 Concen: 22.493 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion:225 Resp: 22501
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.1 93.2
 227 61.1 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

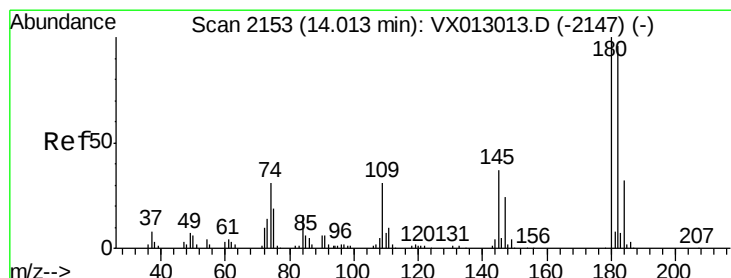
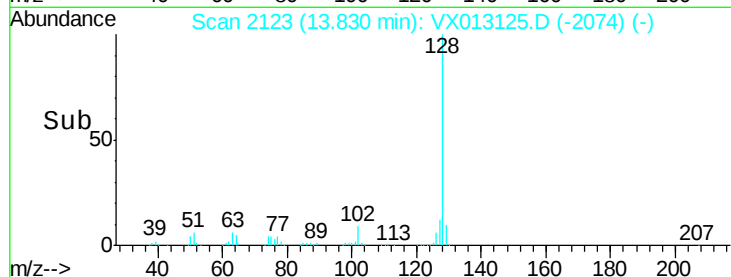
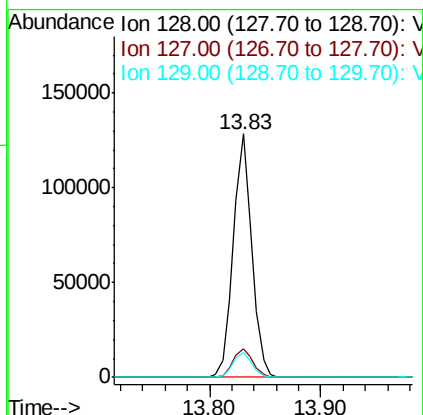
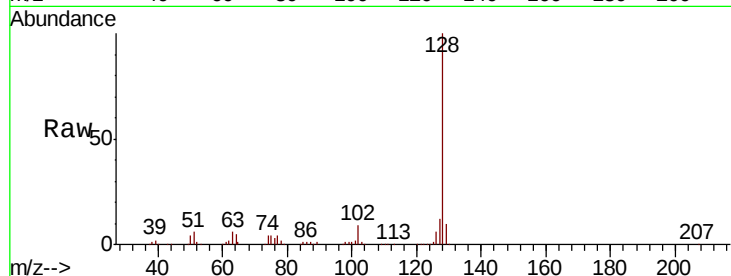




#95
Naphthalene
Concen: 19.633 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion:128 Resp: 147529
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.610 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion:180 Resp: 43928
Ion Ratio Lower Upper
180 100
182 97.1 47.5 142.5
145 36.2 17.4 52.3

