

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005450.D
 Acq On : 19 Oct 2018 11:39
 Operator : JC/MD
 Sample : VX1019WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Quant Time: Oct 20 04:55:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	274336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193661	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146361	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	128082	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.72	98	446459	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	167152	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	39799	18.555	ug/l	98
3) Chloromethane	1.32	50	58239	18.738	ug/l	99
4) Vinyl Chloride	1.40	62	57425	18.239	ug/l	98
5) Bromomethane	1.64	94	34575	19.801	ug/l	99
6) Chloroethane	1.71	64	37847	19.364	ug/l	96
7) Trichlorofluoromethane	1.93	101	79836	19.001	ug/l	91
8) Diethyl Ether	2.19	74	35656	19.873	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50021	20.627	ug/l	97
10) Methyl Iodide	2.51	142	59413	23.720	ug/l	100
11) Tert butyl alcohol	3.07	59	92613	107.832	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48231	20.073	ug/l	93
13) Acrolein	2.29	56	31403	55.617	ug/l	88
14) Allyl chloride	2.73	41	101621	19.264	ug/l	95
15) Acrylonitrile	3.15	53	195343	100.369	ug/l	97
16) Acetone	2.45	43	179418	101.918	ug/l	99
17) Carbon Disulfide	2.57	76	123107	16.913	ug/l	99
18) Methyl Acetate	2.78	43	106929	21.350	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	174527	20.624	ug/l	92
20) Methylene Chloride	2.85	84	58281	21.988	ug/l #	82
21) trans-1,2-Dichloroethene	3.17	96	51801	19.454	ug/l	97
22) Diisopropyl ether	3.87	45	185938	20.985	ug/l #	90
23) Vinyl Acetate	3.82	43	790946	102.132	ug/l #	92
24) 1,1-Dichloroethane	3.69	63	103204	20.324	ug/l	97
25) 2-Butanone	4.70	43	257807	100.092	ug/l	92
26) 2,2-Dichloropropane	4.57	77	78529	20.678	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	57513	19.874	ug/l	91
28) Bromochloromethane	5.02	49	51846	22.396	ug/l	97
29) Tetrahydrofuran	5.15	42	161260	98.152	ug/l	95
30) Chloroform	5.21	83	98597	20.919	ug/l	94
31) Cyclohexane	5.59	56	81467	19.465	ug/l #	72
32) 1,1,1-Trichloroethane	5.49	97	81323	19.829	ug/l	98
36) 1,1-Dichloropropene	5.79	75	70265	19.014	ug/l	100
37) Ethyl Acetate	4.86	43	94159	19.813	ug/l	98
38) Carbon Tetrachloride	5.77	117	72865	19.624	ug/l	95

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Quant Time: Oct 20 04:55:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75652	18.915	ug/l #	82
40) Benzene	6.15	78	209968	18.941	ug/l	97
41) Methacrylonitrile	5.05	41	52169	20.476	ug/l	96
42) 1,2-Dichloroethane	6.20	62	71771	18.336	ug/l	99
43) Isopropyl Acetate	6.46	43	132932	20.998	ug/l	97
44) Trichloroethene	7.21	130	56992	19.758	ug/l	97
45) 1,2-Dichloropropane	7.52	63	54997	20.225	ug/l	100
46) Dibromomethane	7.66	93	34534	19.242	ug/l	98
47) Bromodichloromethane	7.90	83	64485	19.425	ug/l	98
48) Methyl methacrylate	7.77	41	64175	19.545	ug/l	95
49) 1,4-Dioxane	7.75	88	30294	400.020	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	448519	102.321	ug/l	95
52) Toluene	8.79	92	126205	20.809	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	71744	19.969	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	79911	20.528	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	53660	20.889	ug/l	99
56) Ethyl methacrylate	9.18	69	77304	20.643	ug/l	97
57) 1,3-Dichloropropane	9.37	76	86467	20.167	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	219646	104.586	ug/l	97
59) 2-Hexanone	9.49	43	355568	100.840	ug/l	94
60) Dibromochloromethane	9.59	129	54297	20.449	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54882	20.358	ug/l	99
64) Tetrachloroethene	9.34	164	57885	20.786	ug/l	97
65) Chlorobenzene	10.14	112	143826	19.547	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	52387	19.979	ug/l	99
67) Ethyl Benzene	10.26	91	233530	19.523	ug/l	99
68) m/p-Xylenes	10.36	106	185781	40.016	ug/l	96
69) o-Xylene	10.70	106	88772	19.826	ug/l	97
70) Styrene	10.71	104	149220	20.261	ug/l	98
71) Bromoform	10.86	173	43985	18.772	ug/l	99
73) Isopropylbenzene	11.02	105	244534	21.241	ug/l	100
74) N-amyl acetate	10.90	43	110593	19.917	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	83585	19.246	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79674m	21.210	ug/l	
77) Bromobenzene	11.26	156	68230	20.728	ug/l	97
78) n-propylbenzene	11.36	91	276914	20.902	ug/l	99
79) 2-Chlorotoluene	11.42	91	166879	20.568	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	208640	21.163	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	24105	19.498	ug/l	96
82) 4-Chlorotoluene	11.51	91	196506	20.431	ug/l	100
83) tert-Butylbenzene	11.77	119	206294	20.664	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	213430	21.037	ug/l	98
85) sec-Butylbenzene	11.94	105	247152	20.919	ug/l	100
86) p-Isopropyltoluene	12.07	119	225767	21.142	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	123003	19.997	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125930	20.013	ug/l	99
89) n-Butylbenzene	12.39	91	192301	19.834	ug/l	97
90) Hexachloroethane	12.60	117	34496	18.744	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	124793	19.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20145	19.016	ug/l	99

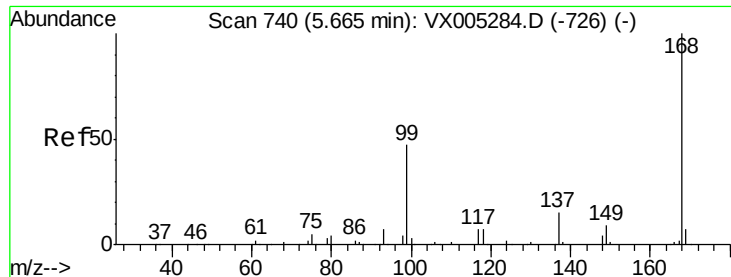
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101918\
Data File : VX005450.D
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ClientSampleId :
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Quant Time: Oct 20 04:55:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94332	20.484	ug/l	98
94) Hexachlorobutadiene	13.79	225	48745	20.041	ug/l	98
95) Naphthalene	13.83	128	281112	21.048	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	96878	20.560	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

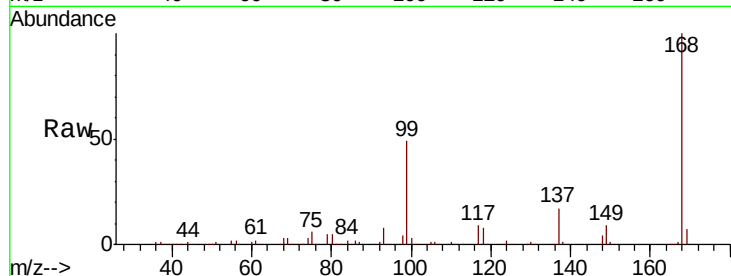
VX1019WBS01

Tot Ion:168 Resp: 274336

Ion Ratio Lower Upper

168 100

99 48.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

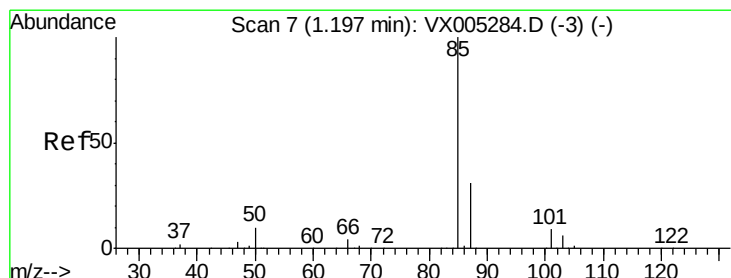
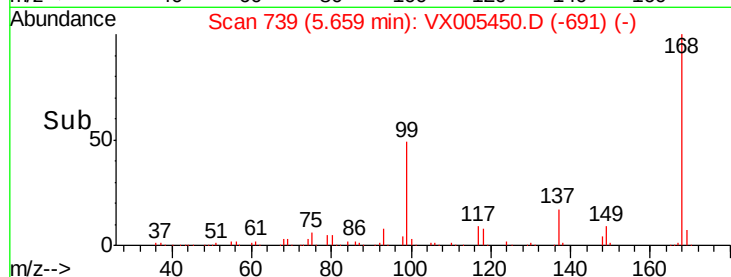
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.555 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005450.D

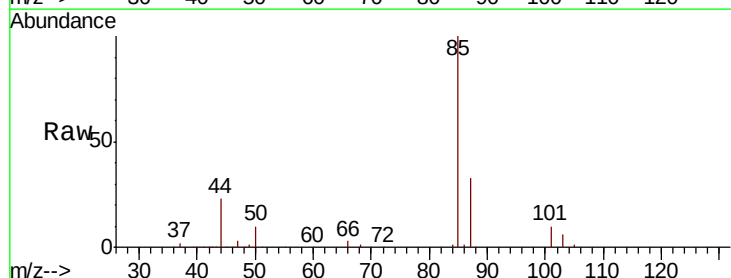
Acq: 19 Oct 2018 11:39

Tgt Ion: 85 Resp: 39799

Ion Ratio Lower Upper

85 100

87 32.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

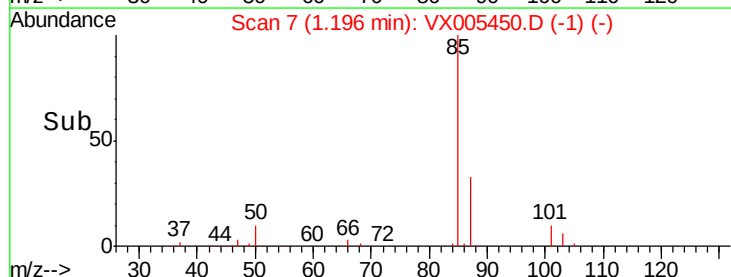
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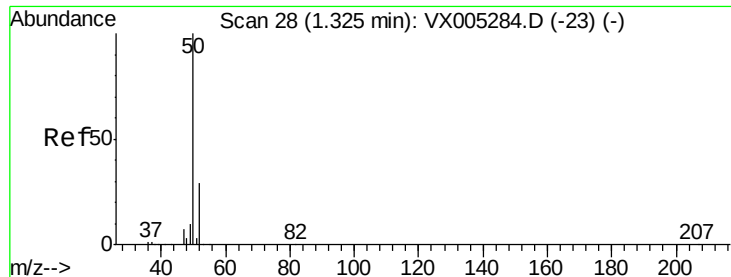
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.738 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

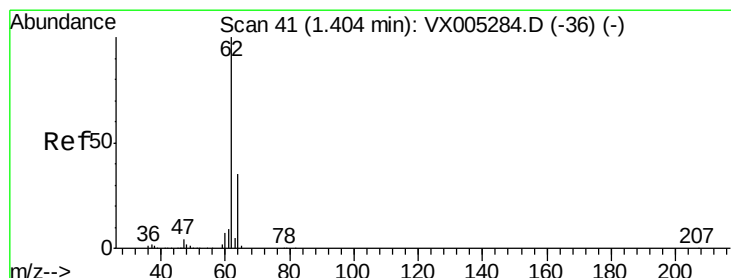
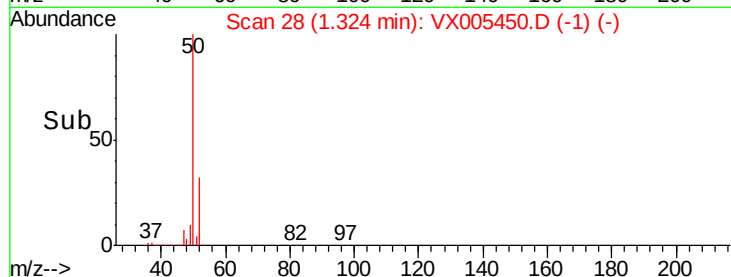
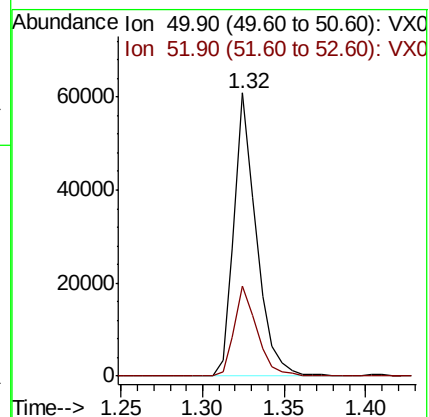
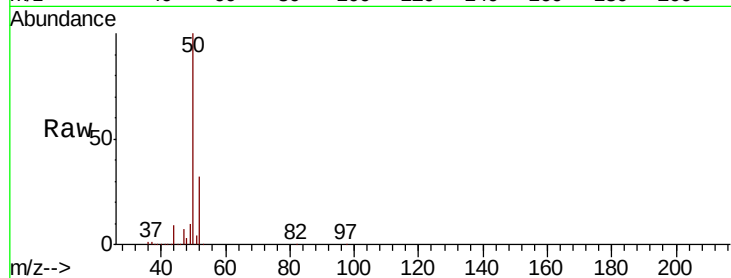
VX1019WBS01

Tot Ion: 50 Resp: 58239

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2



#4

Vinyl Chloride

Concen: 18.239 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005450.D

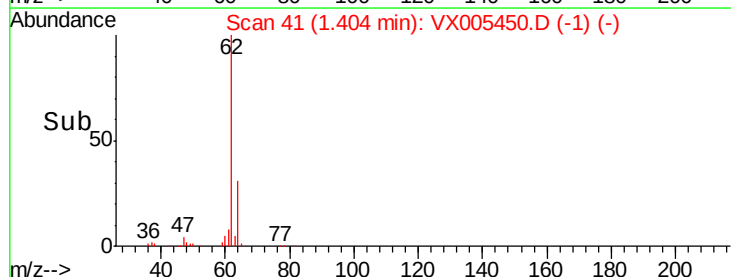
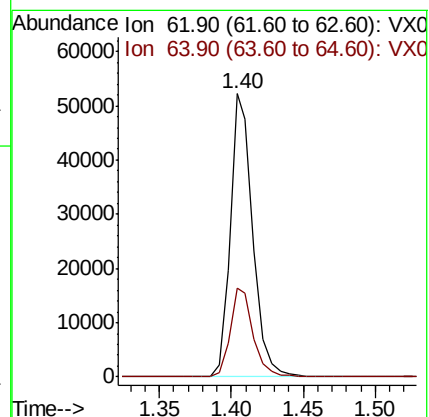
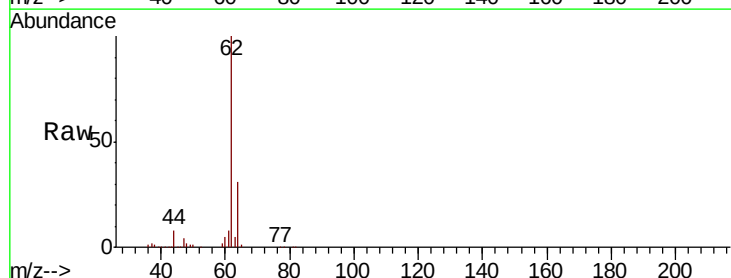
Acq: 19 Oct 2018 11:39

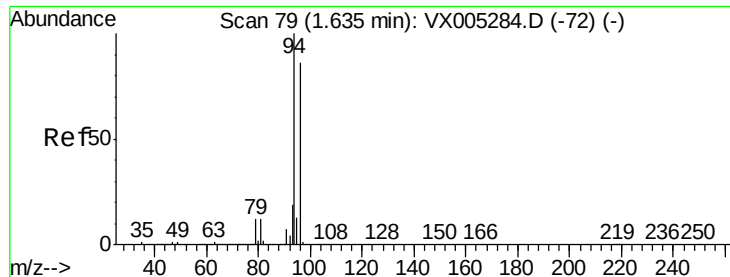
Tgt Ion: 62 Resp: 57425

Ion Ratio Lower Upper

62 100

64 31.2 25.8 38.8





#5

Bromomethane

Concen: 19.801 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

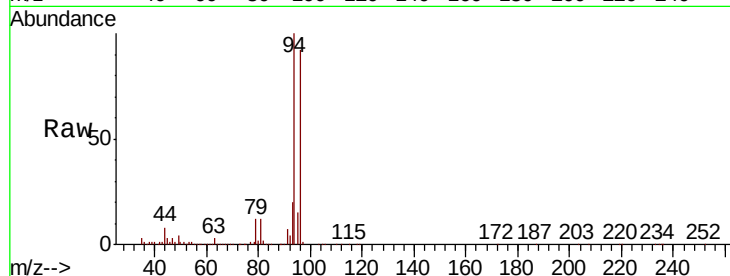
VX1019WBS01

Tot Ion: 94 Resp: 34575

Ion Ratio Lower Upper

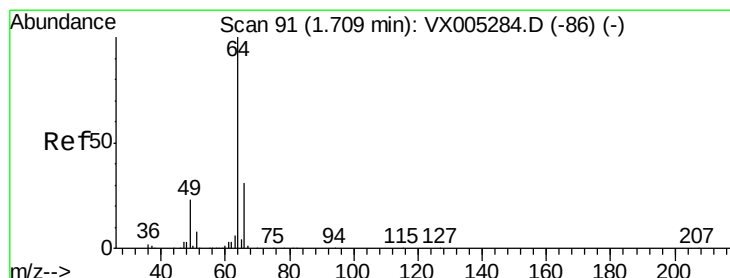
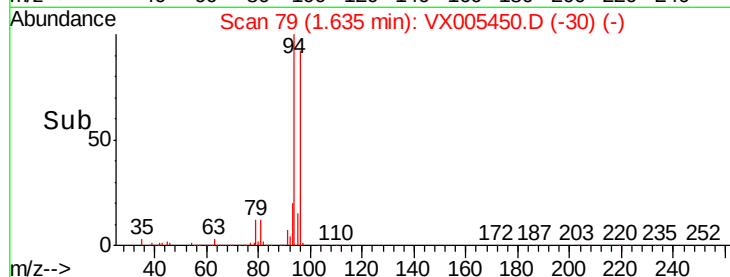
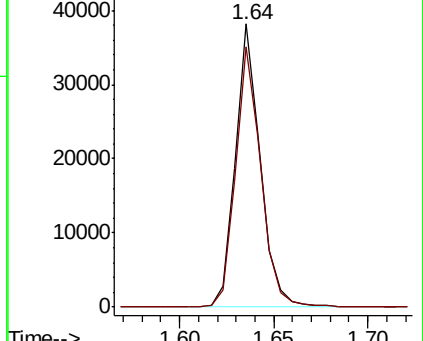
94 100

96 92.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.364 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005450.D

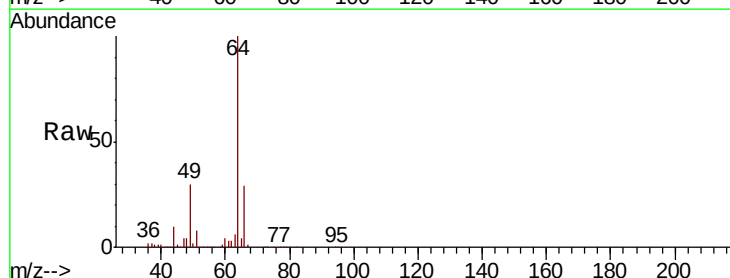
Acq: 19 Oct 2018 11:39

Tgt Ion: 64 Resp: 37847

Ion Ratio Lower Upper

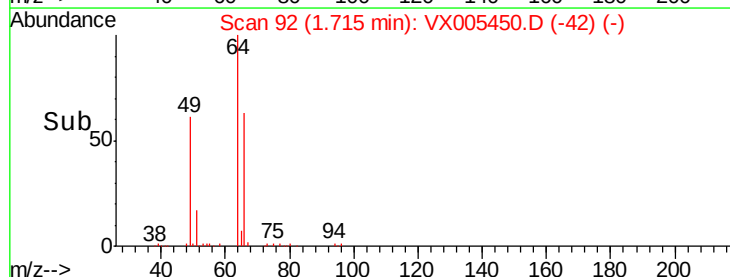
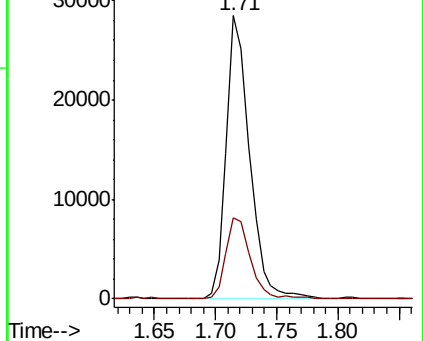
64 100

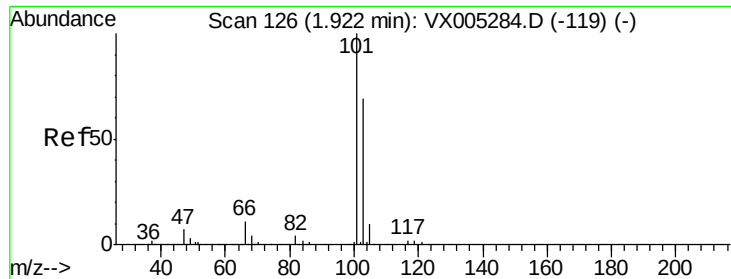
66 28.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



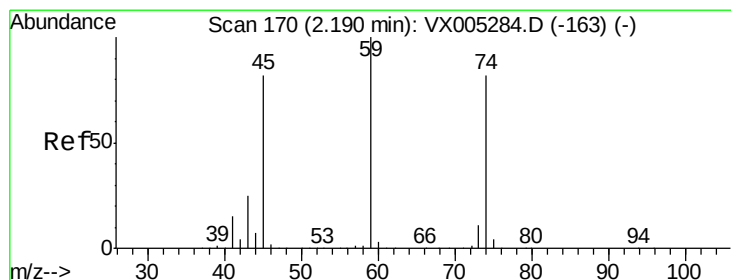
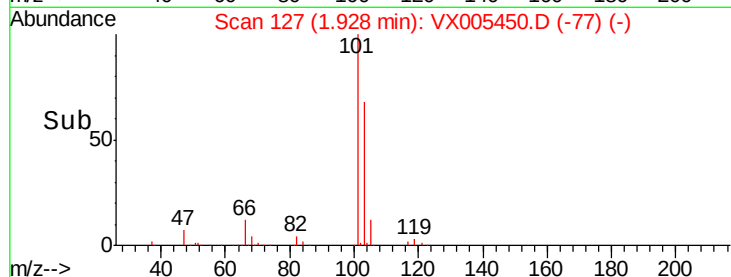
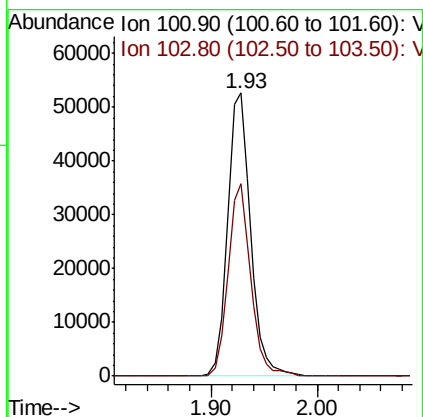
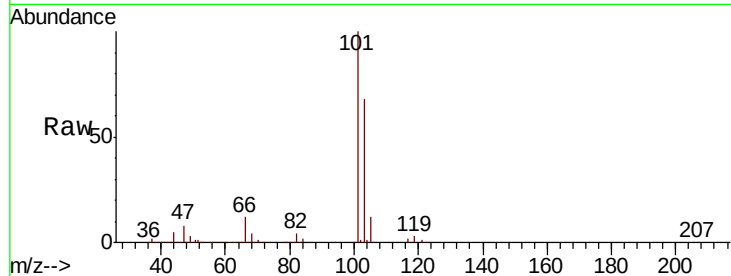


#7

Trichlorofluoromethane
Concen: 19.001 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

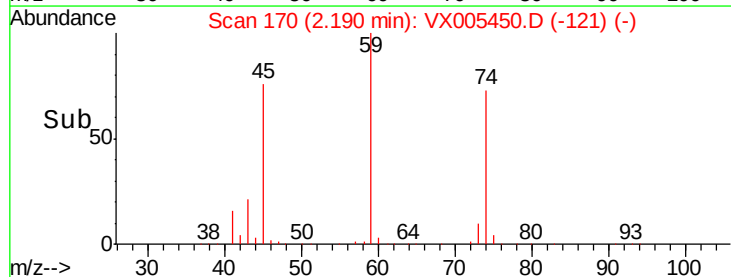
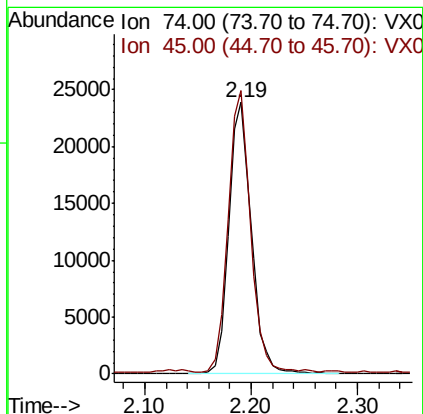
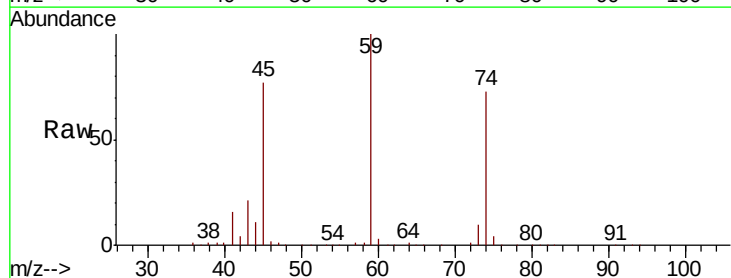
Tot Ion:101 Resp: 79836
Ion Ratio Lower Upper
101 100
103 68.1 48.9 73.3

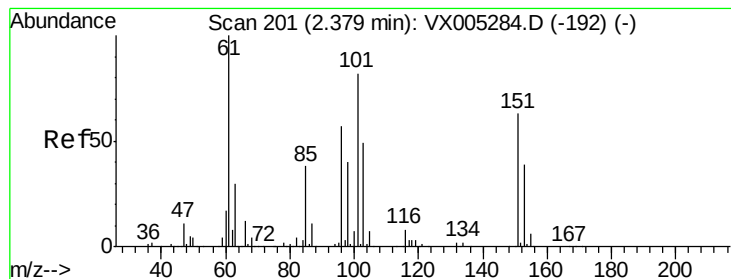


#8

Diethyl Ether
Concen: 19.873 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion: 74 Resp: 35656
Ion Ratio Lower Upper
74 100
45 102.7 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.627 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

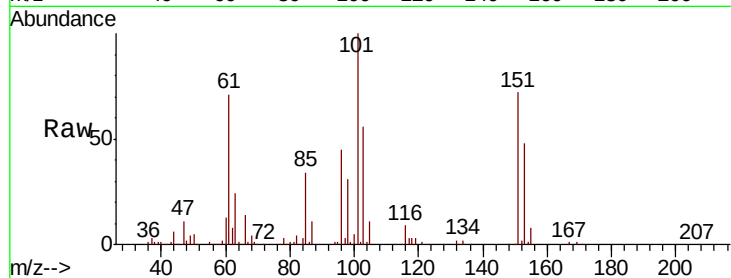
Tot Ion:101 Resp: 50021

Ion Ratio Lower Upper

101 100

85 41.5 34.2 51.4

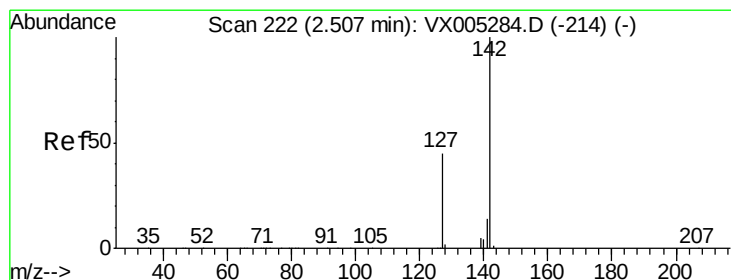
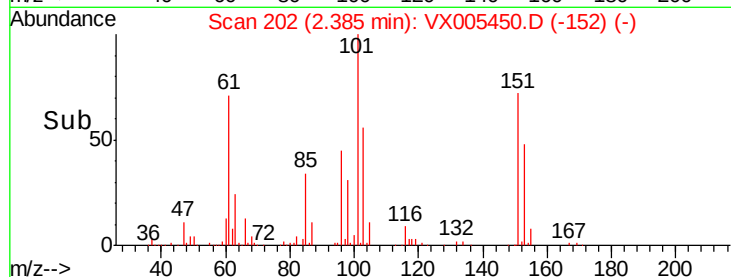
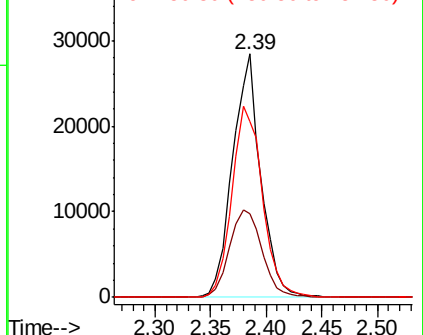
151 85.0 65.0 97.6



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: 23.720 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

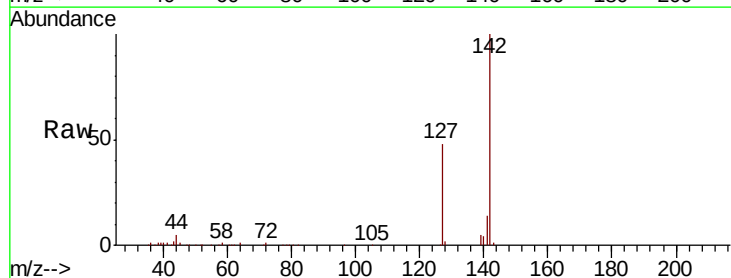
Tgt Ion:142 Resp: 59413

Ion Ratio Lower Upper

142 100

127 42.1 33.8 50.6

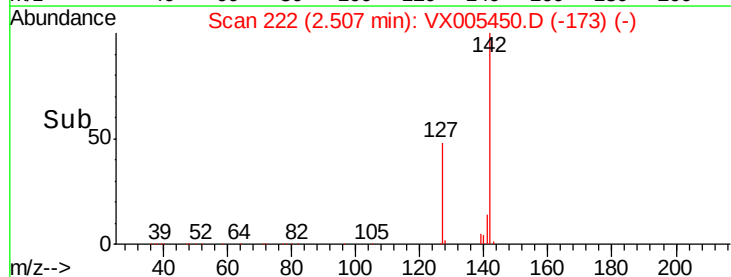
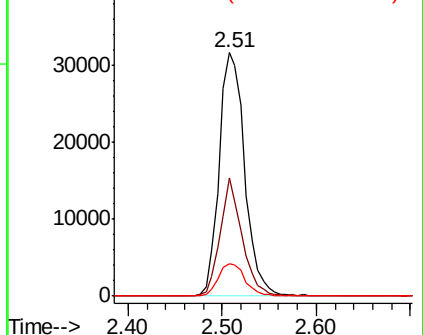
141 13.9 11.4 17.0

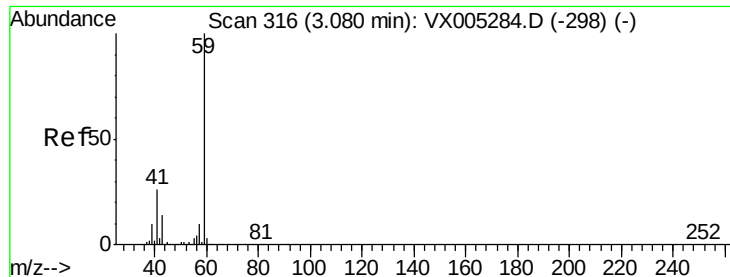


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



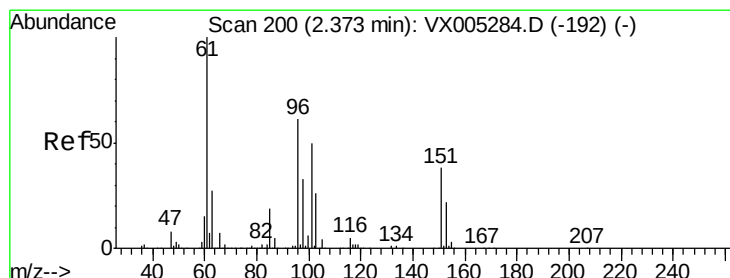
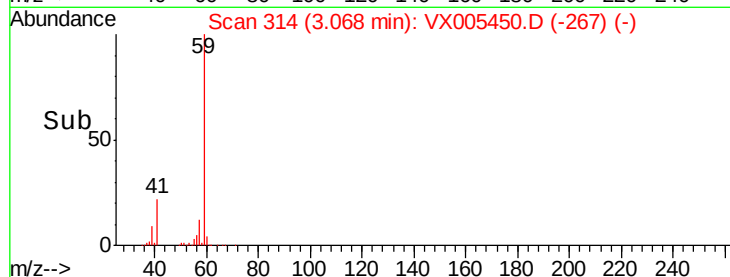
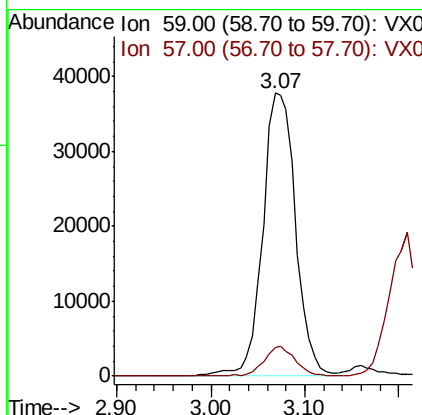
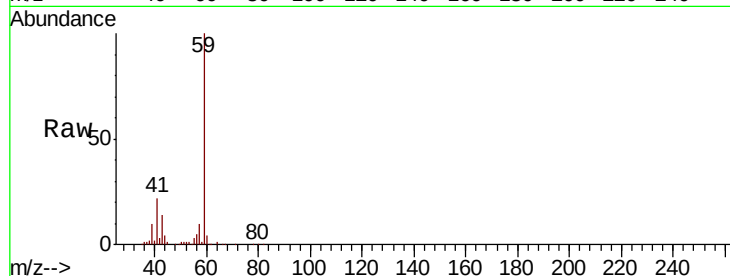


#11

Tert butyl alcohol
 Concen: 107.832 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

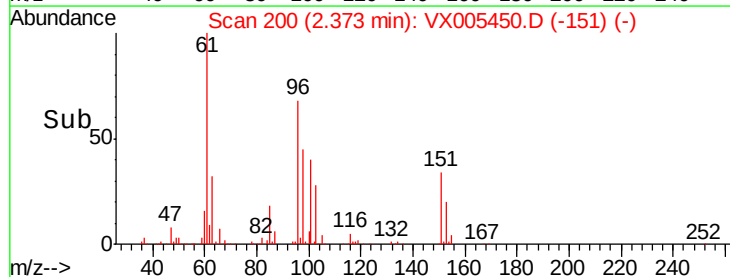
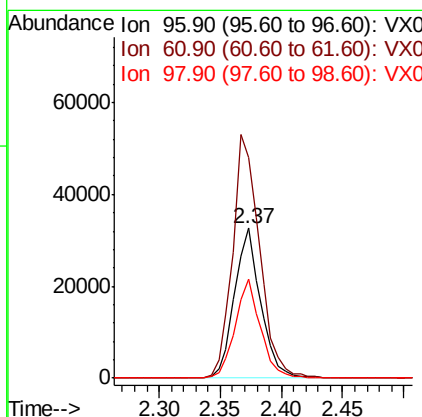
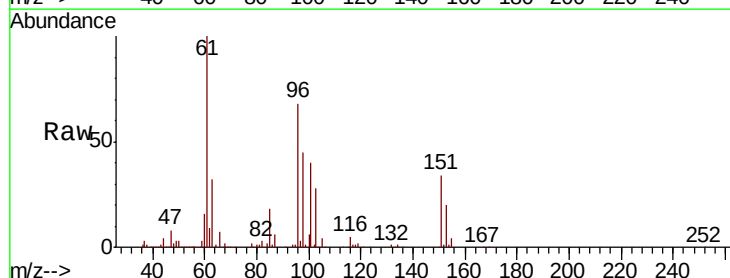
Tot Ion: 59 Resp: 92613
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

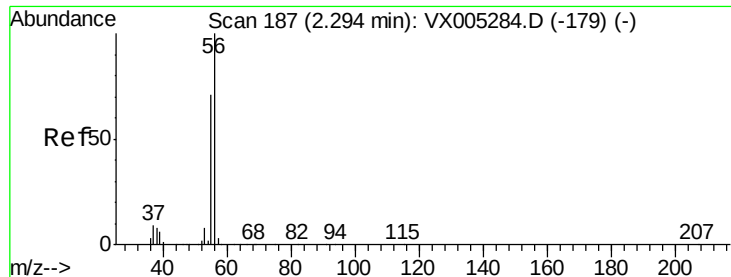


#12

1,1-Dichloroethene
 Concen: 20.073 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion: 96 Resp: 48231
 Ion Ratio Lower Upper
 96 100
 61 147.7 128.8 193.2
 98 66.1 52.2 78.2





#13

Acrolein

Concen: 55.617 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

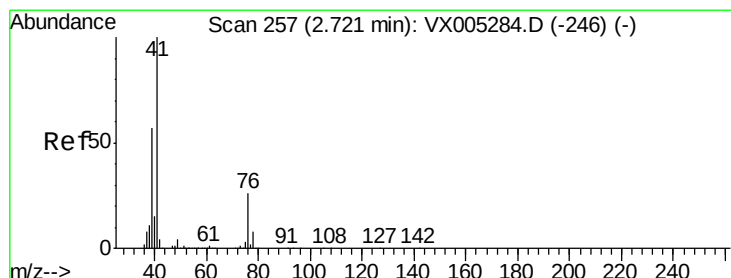
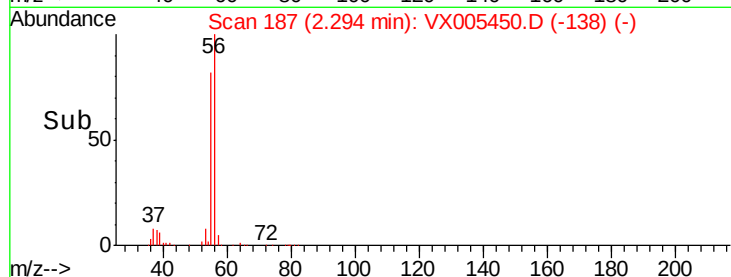
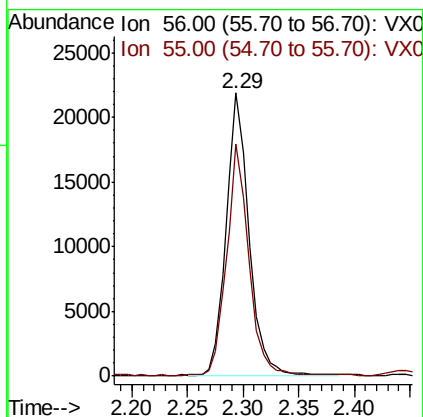
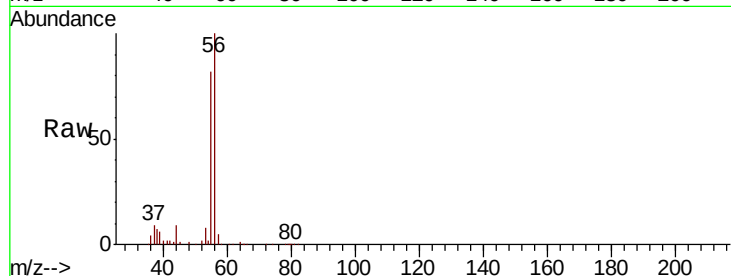
VX1019WBS01

Tot Ion: 56 Resp: 31403

Ion Ratio Lower Upper

56 100

55 77.9 54.7 82.1



#14

Allyl chloride

Concen: 19.264 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

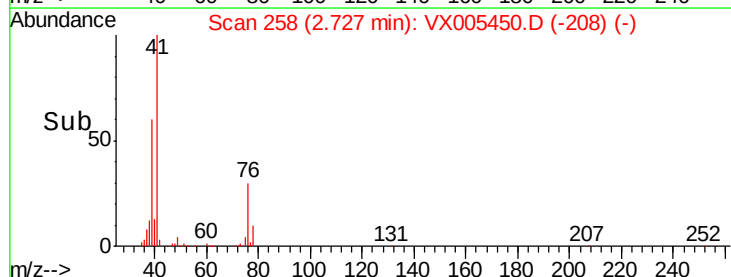
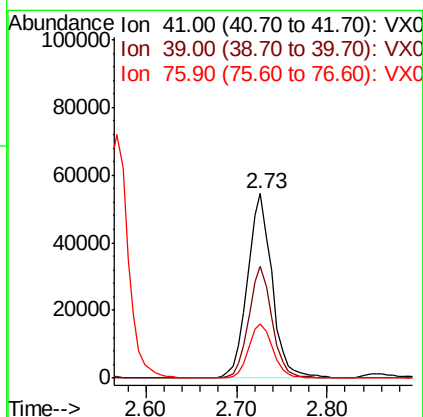
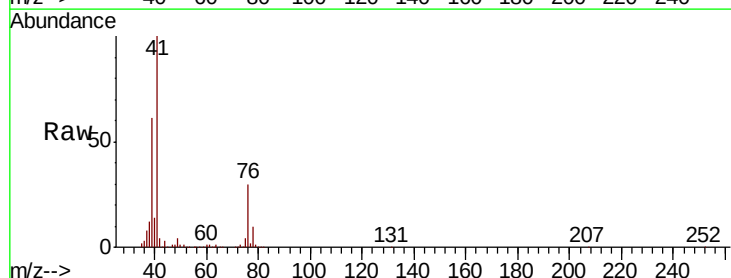
Tgt Ion: 41 Resp: 101621

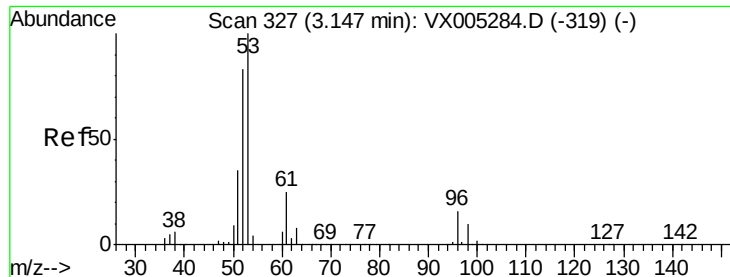
Ion Ratio Lower Upper

41 100

39 57.7 48.9 73.3

76 29.3 26.7 40.1





#15

Acrylonitrile

Concen: 100.369 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

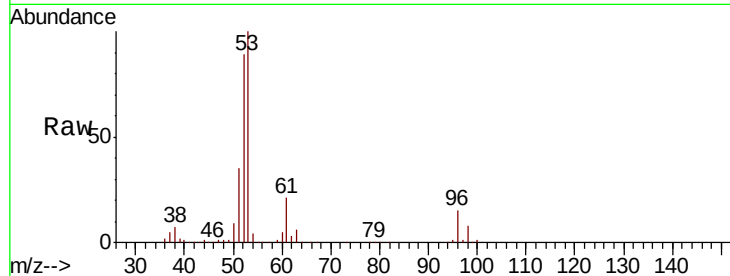
Tot Ion: 53 Resp: 195343

Ion Ratio Lower Upper

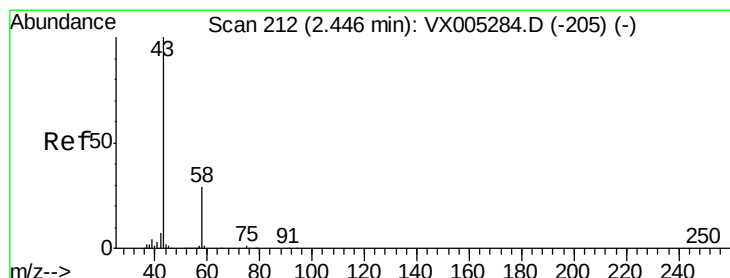
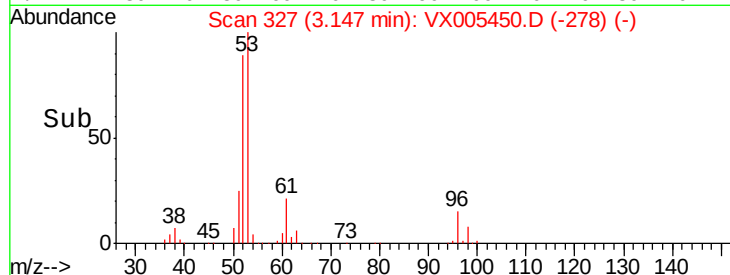
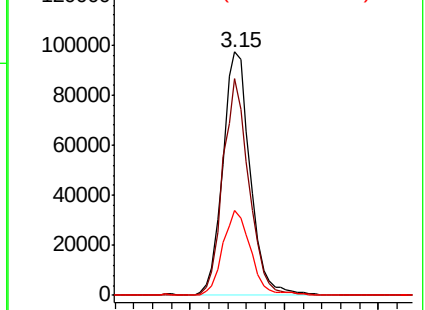
53 100

52 84.8 65.2 97.8

51 35.6 28.2 42.2



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: 101.918 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005450.D

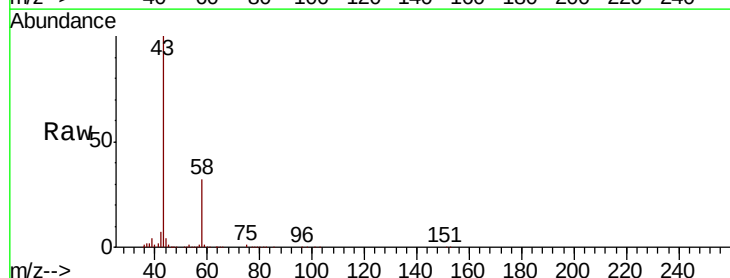
Acq: 19 Oct 2018 11:39

Tgt Ion: 43 Resp: 179418

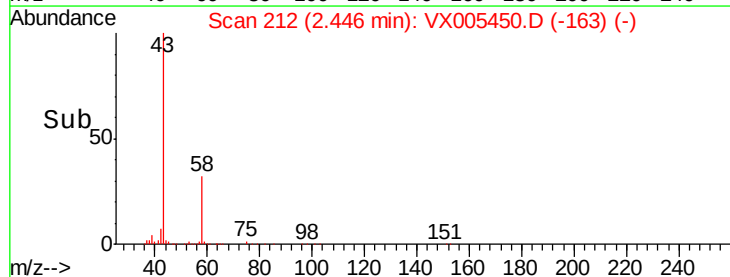
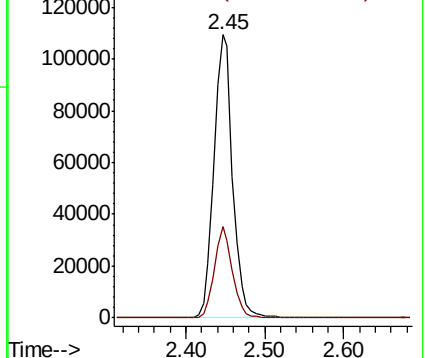
Ion Ratio Lower Upper

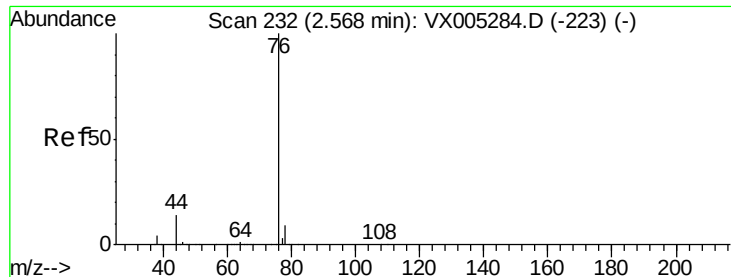
43 100

58 32.1 26.2 39.4



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





#17

Carbon Disulfide

Concen: 16.913 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

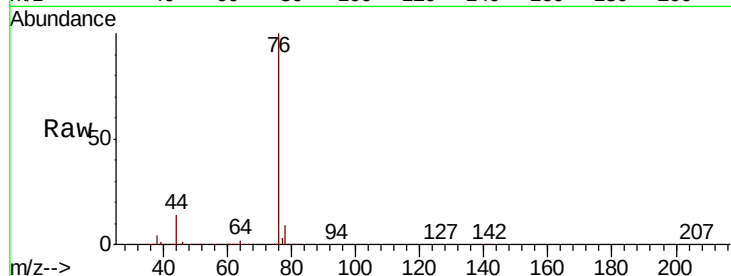
VX1019WBS01

Tot Ion: 76 Resp: 123107

Ion Ratio Lower Upper

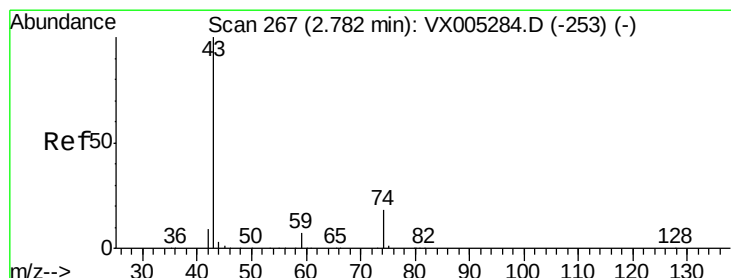
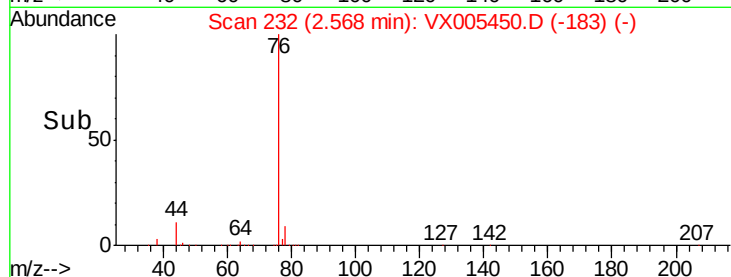
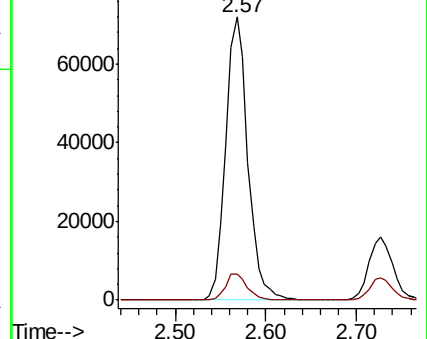
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.350 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005450.D

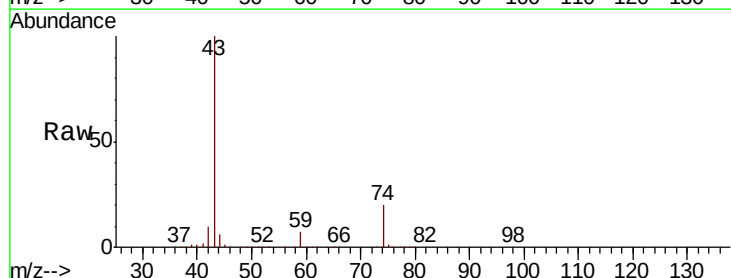
Acq: 19 Oct 2018 11:39

Tgt Ion: 43 Resp: 106929

Ion Ratio Lower Upper

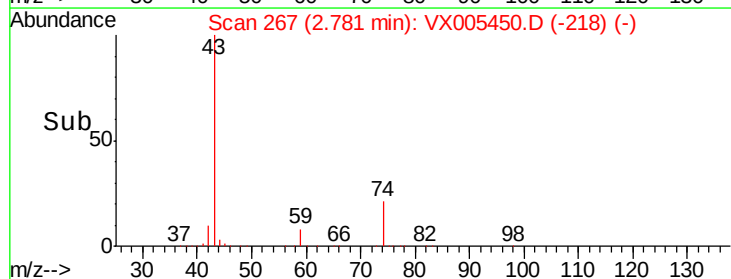
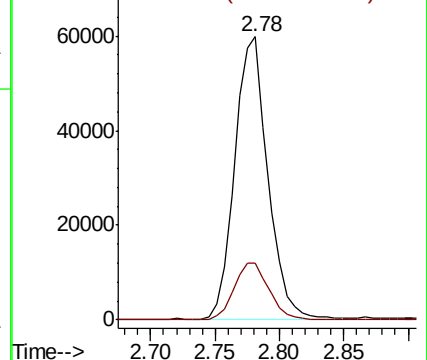
43 100

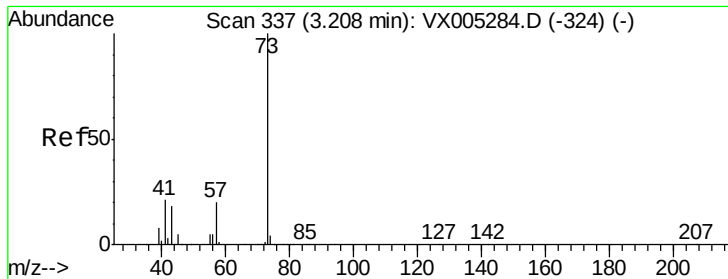
74 21.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



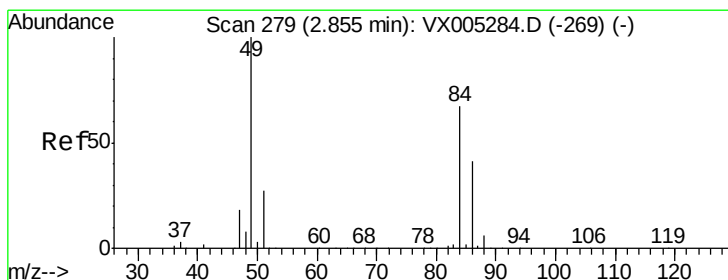
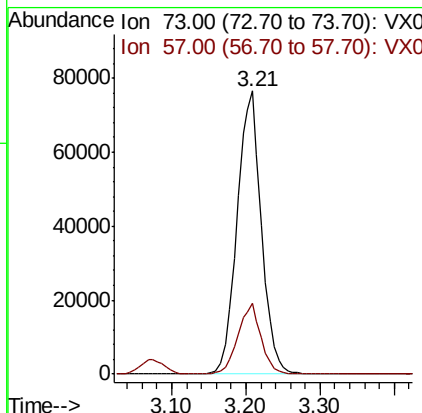
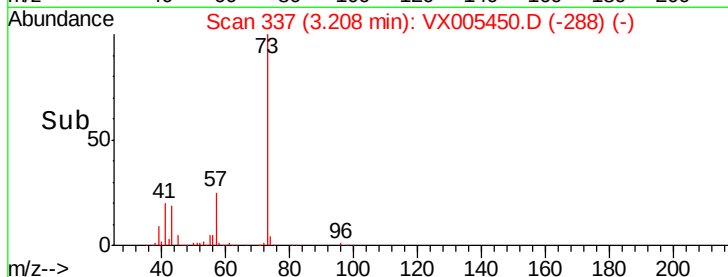
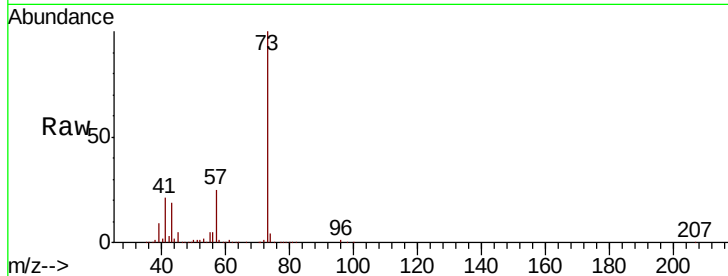


#19

Methyl tert-butyl Ether
 Concen: 20.624 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

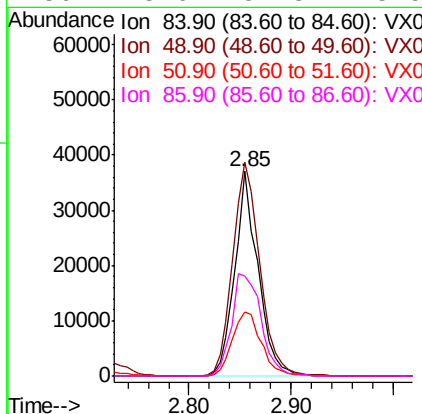
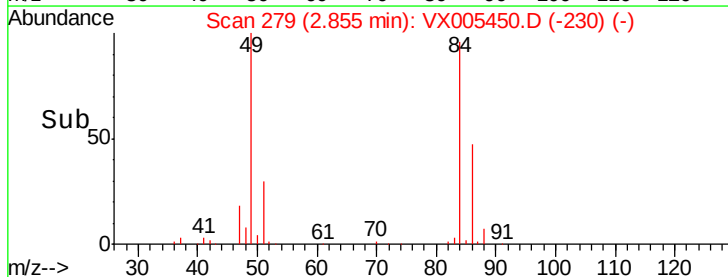
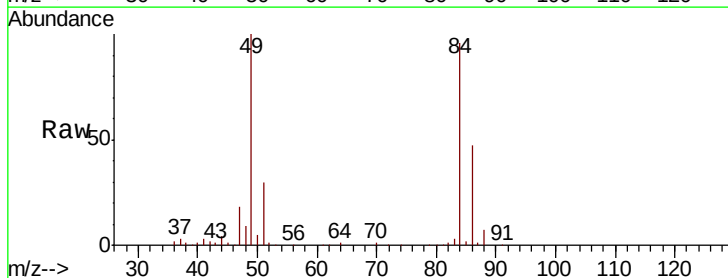
Tot Ion: 73 Resp: 174527
 Ion Ratio Lower Upper
 73 100
 57 25.1 17.1 25.7

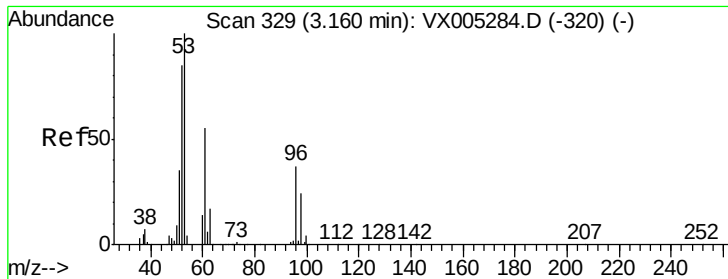


#20

Methylene Chloride
 Concen: 21.988 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion: 84 Resp: 58281
 Ion Ratio Lower Upper
 84 100
 49 104.4 101.2 151.8
 51 30.8 29.5 44.3
 86 48.6 52.3 78.5#





#21

trans-1,2-Dichloroethene

Concen: 19.454 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

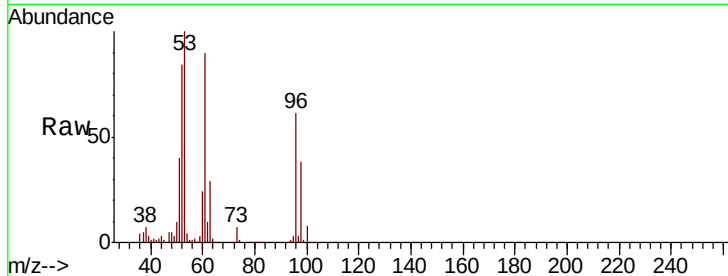
Tot Ion: 96 Resp: 51801

Ion Ratio Lower Upper

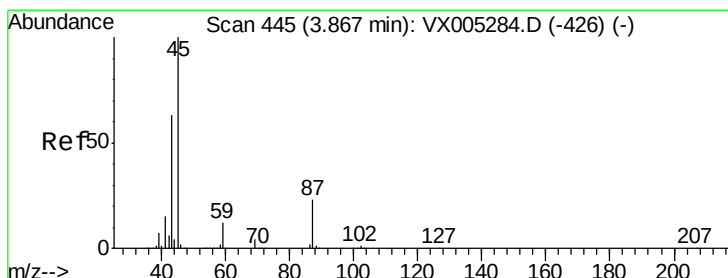
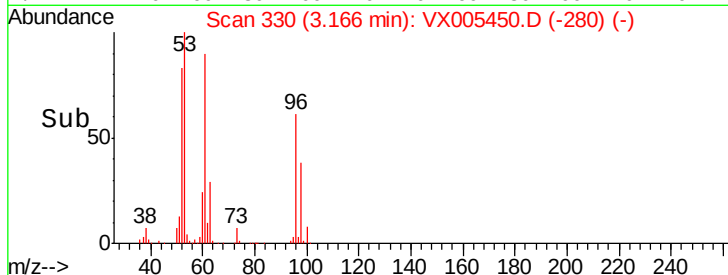
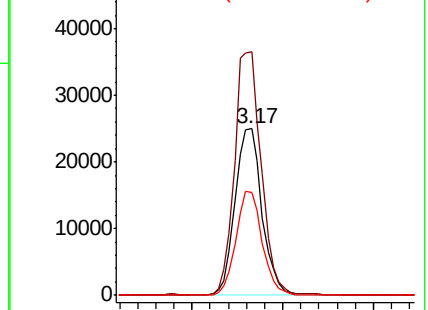
96 100

61 145.9 113.8 170.6

98 61.8 51.8 77.8



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



#22

Diisopropyl ether

Concen: 20.985 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Tgt Ion: 45 Resp: 185938

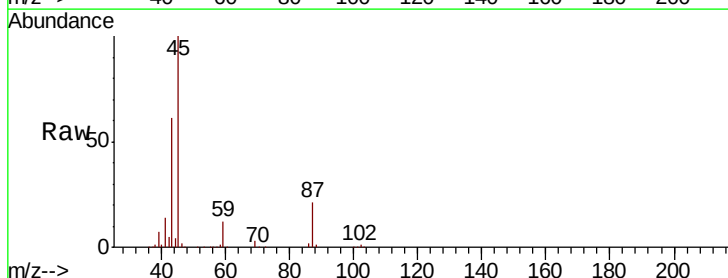
Ion Ratio Lower Upper

45 100

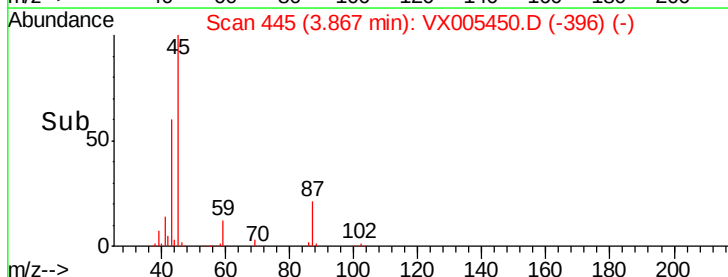
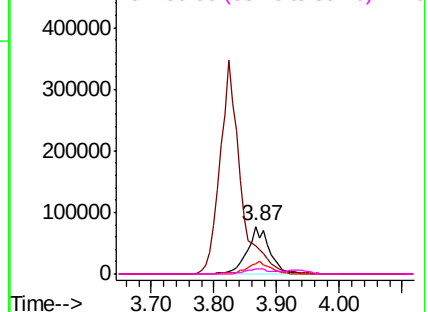
43 60.4 42.8 64.2

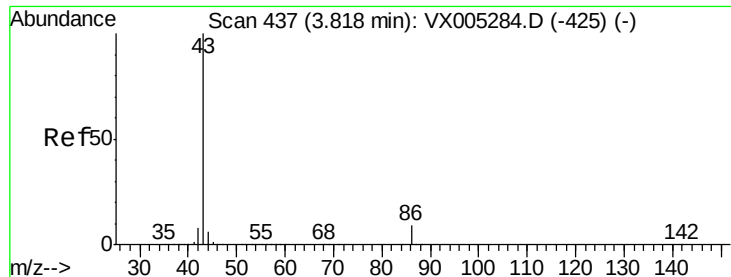
87 20.8 22.6 34.0#

59 11.8 9.6 14.4



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





#23

Vinyl Acetate

Concen: 102.132 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

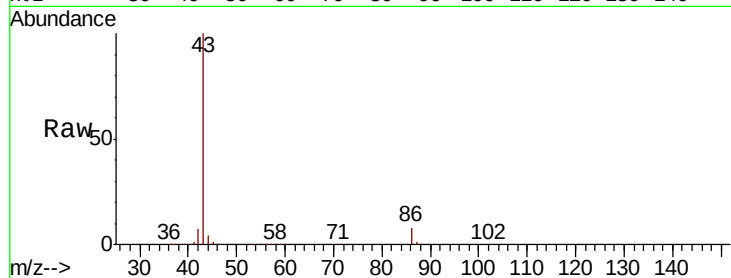
VX1019WBS01

Tot Ion: 43 Resp: 790946

Ion Ratio Lower Upper

43 100

86 8.1 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

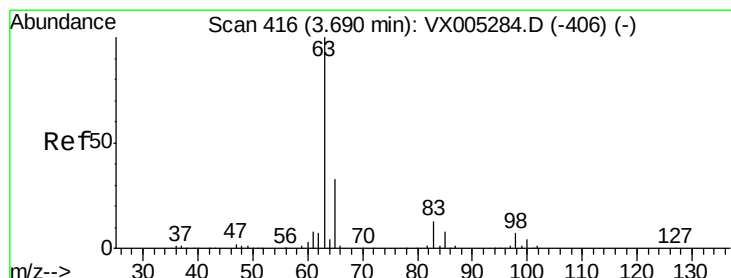
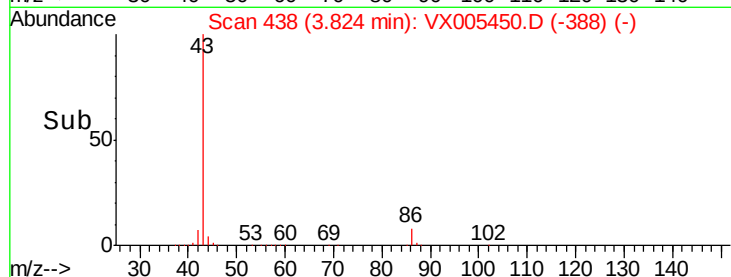
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.324 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

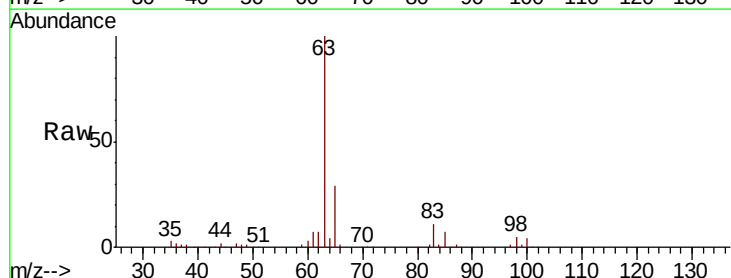
Tgt Ion: 63 Resp: 103204

Ion Ratio Lower Upper

63 100

98 5.4 3.5 10.4

100 4.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

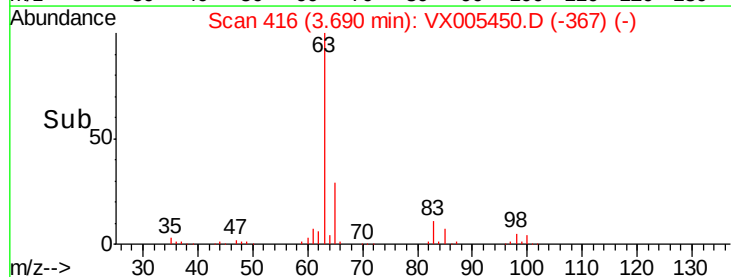
30000

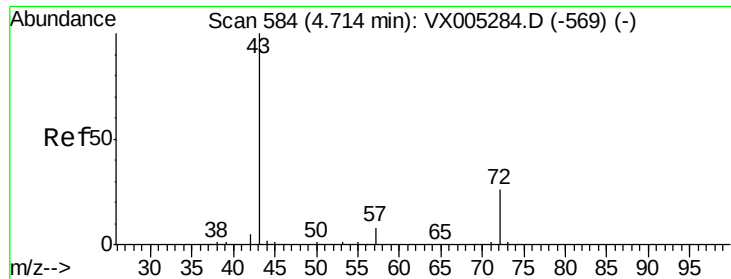
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 100.092 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

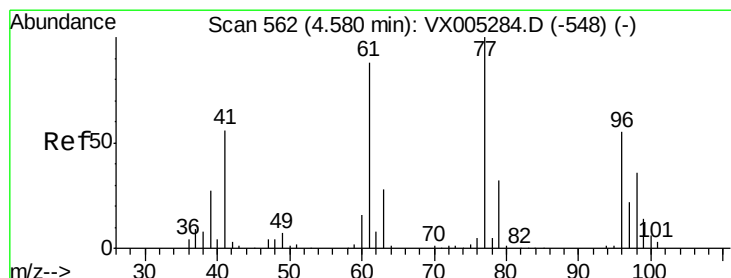
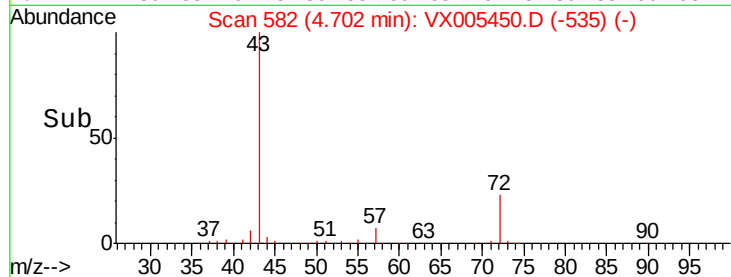
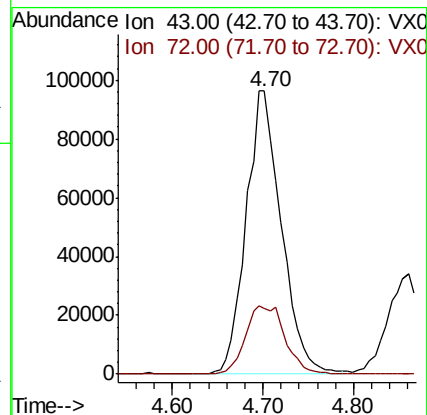
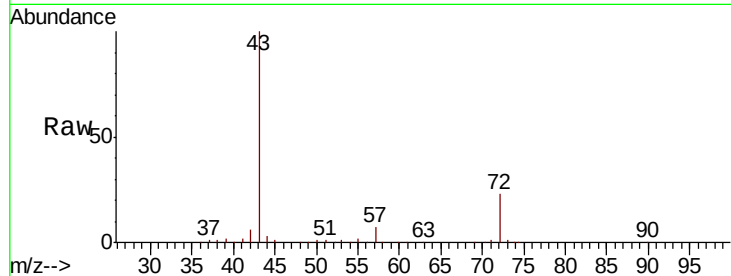
VX1019WBS01

Tot Ion: 43 Resp: 257807

Ion Ratio Lower Upper

43 100

72 23.2 22.0 33.0



#26

2,2-Dichloropropane

Concen: 20.678 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX005450.D

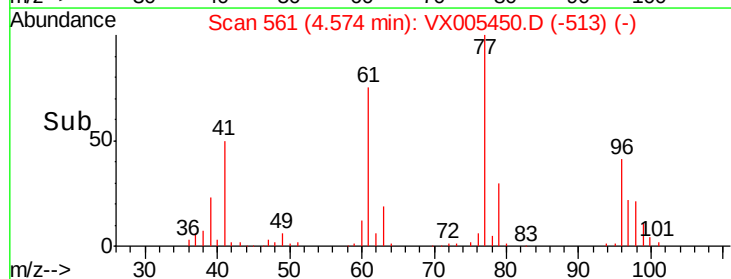
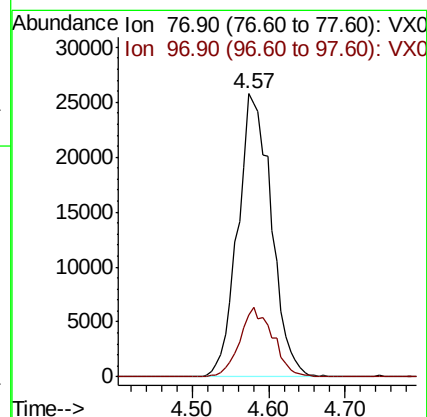
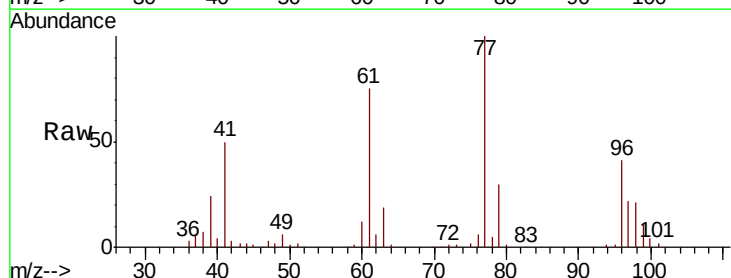
Acq: 19 Oct 2018 11:39

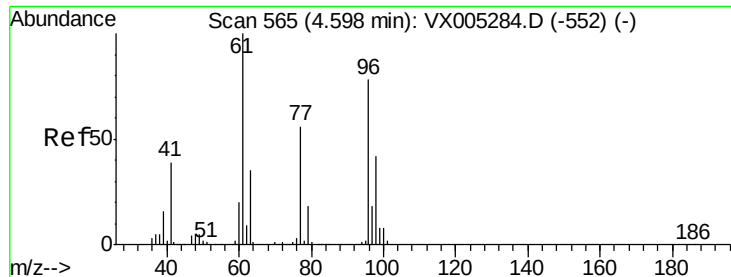
Tgt Ion: 77 Resp: 78529

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0



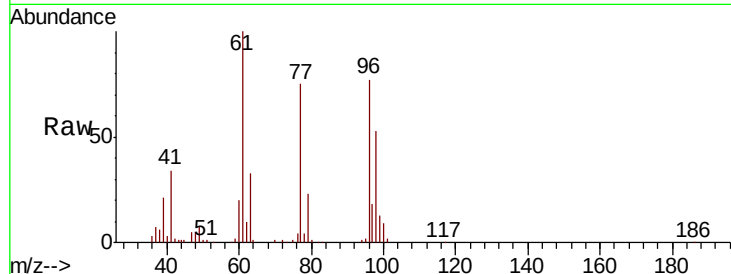


#27

cis-1,2-Dichloroethene
 Concen: 19.874 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	282.6
98	65.0	0.0	130.2

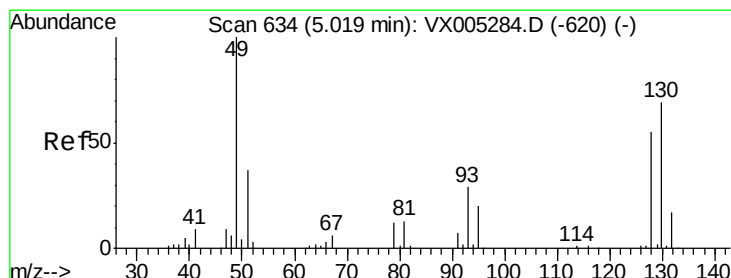
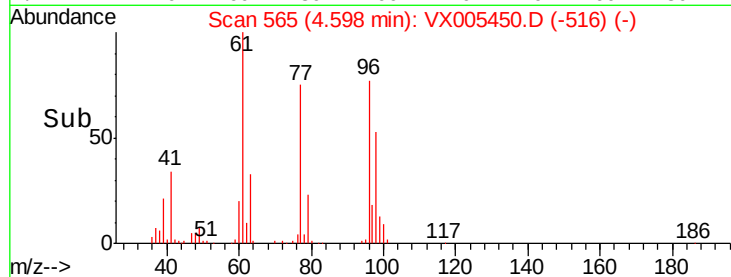
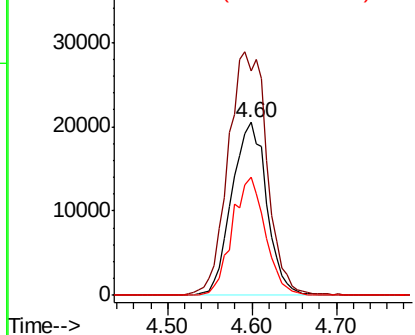


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

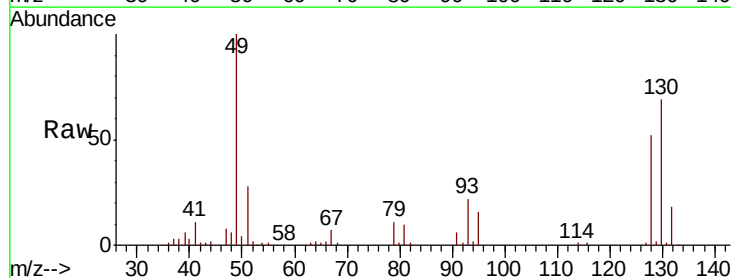
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 22.396 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	81.5	67.5	101.3

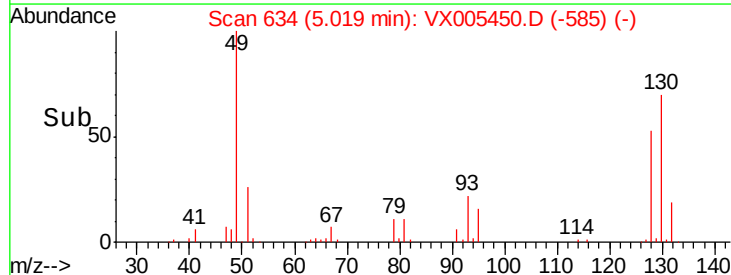
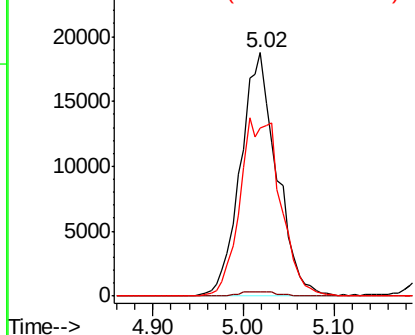


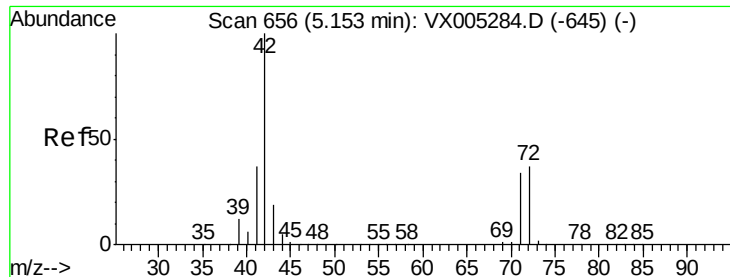
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

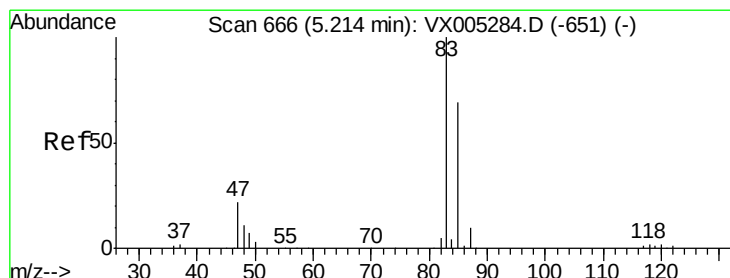
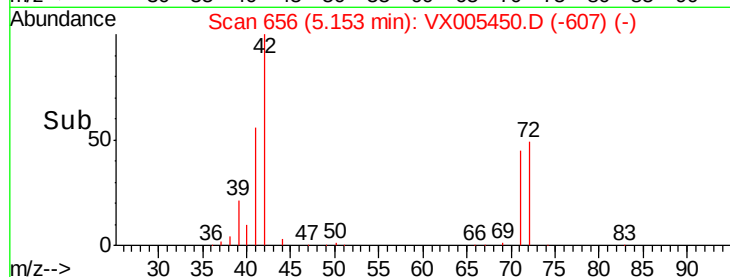
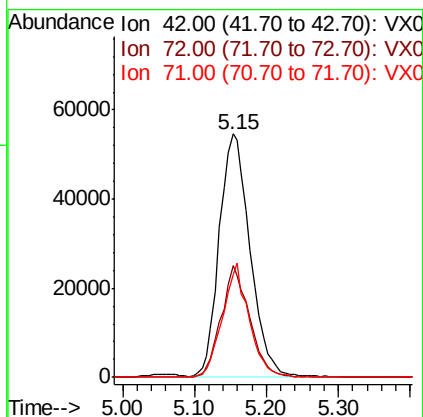
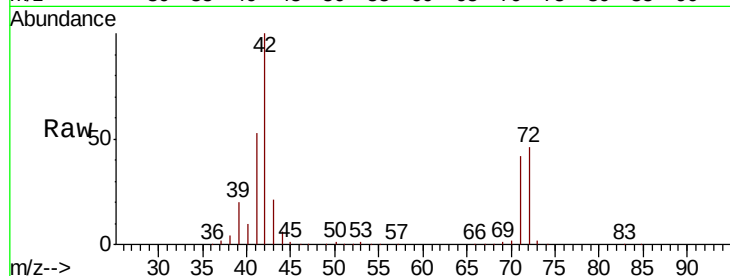




#29
Tetrahydrofuran
Concen: 98.152 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

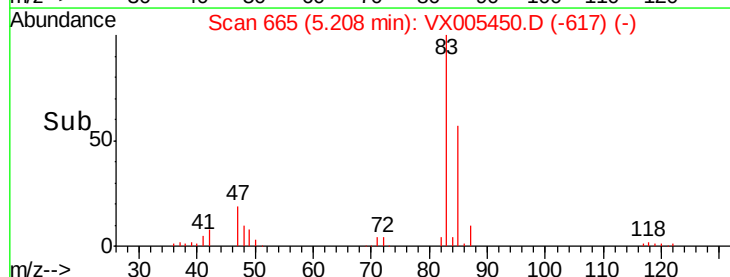
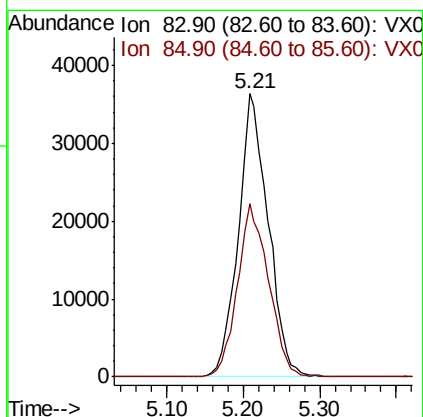
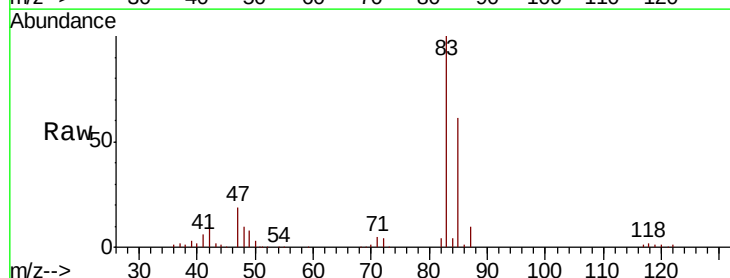
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

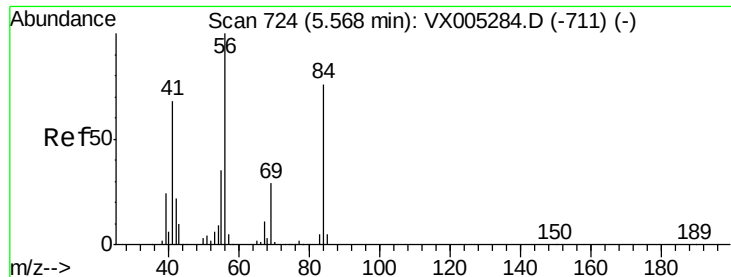
Tot Ion: 42 Resp: 161260
Ion Ratio Lower Upper
42 100
72 43.0 37.4 56.0
71 40.6 34.5 51.7



#30
Chloroform
Concen: 20.919 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion: 83 Resp: 98597
Ion Ratio Lower Upper
83 100
85 61.1 52.6 79.0

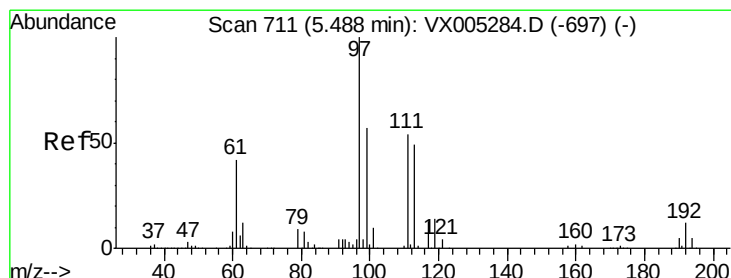
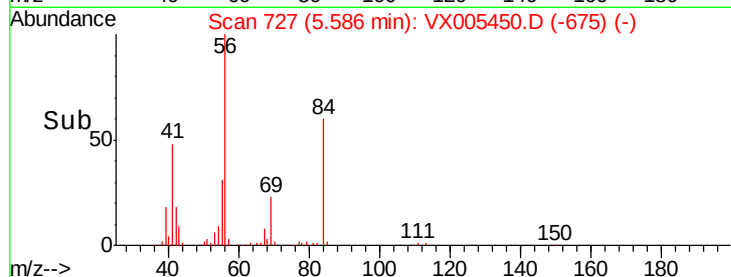
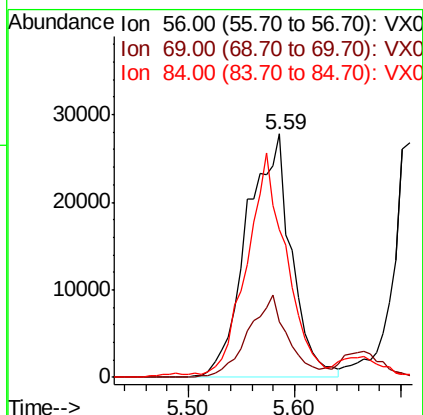
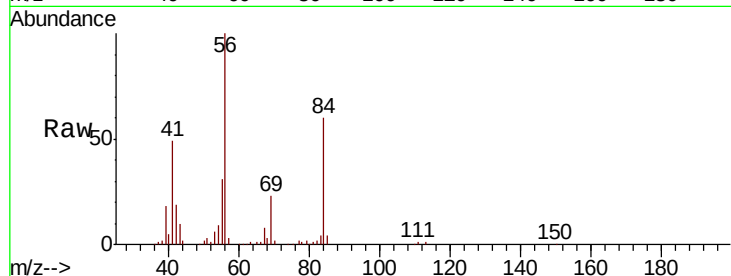




#31
Cyclohexane
Concen: 19.465 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.02 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

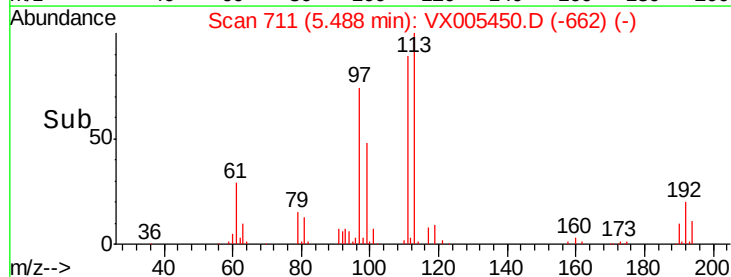
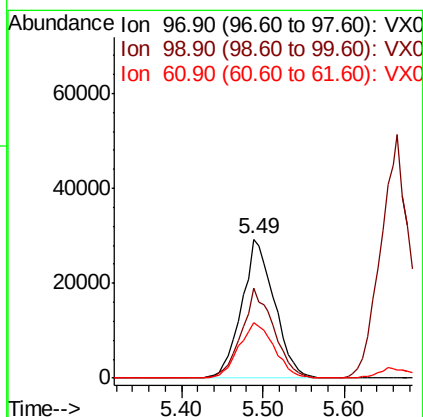
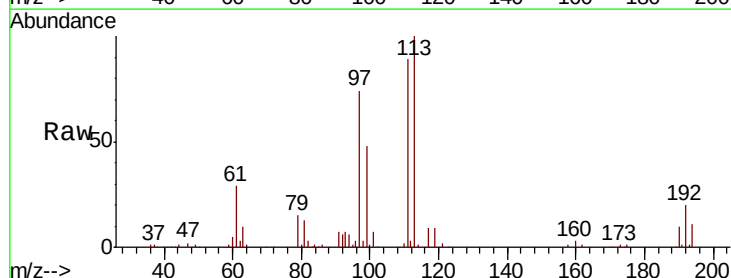
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

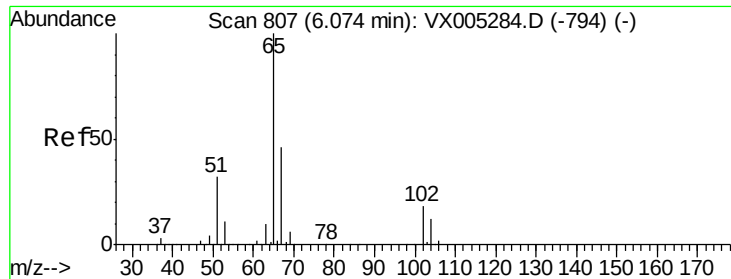
Tot Ion: 56 Resp: 81467
Ion Ratio Lower Upper
56 100
69 23.0 25.4 38.2#
84 59.1 71.4 107.2#



#32
1,1,1-Trichloroethane
Concen: 19.829 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion: 97 Resp: 81323
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 43.2 34.9 52.3

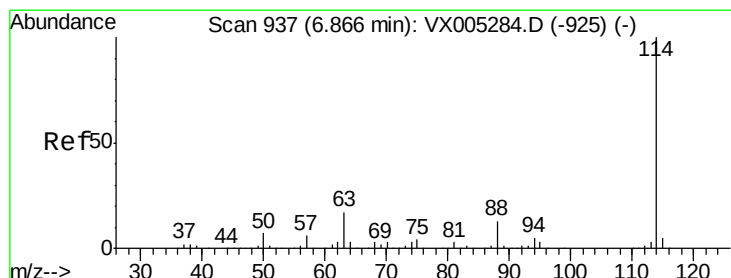
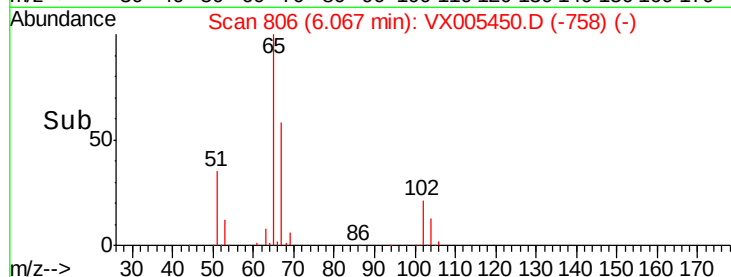
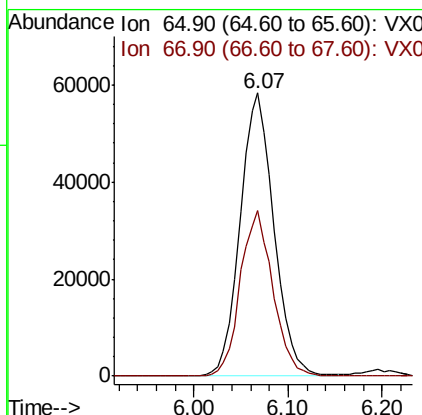
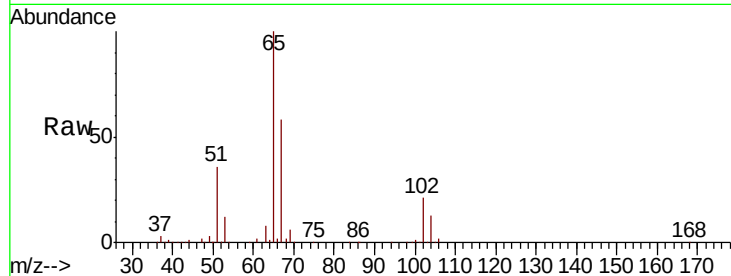




#33
 1,2-Dichloroethane-d4
 Concen: 48.071 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

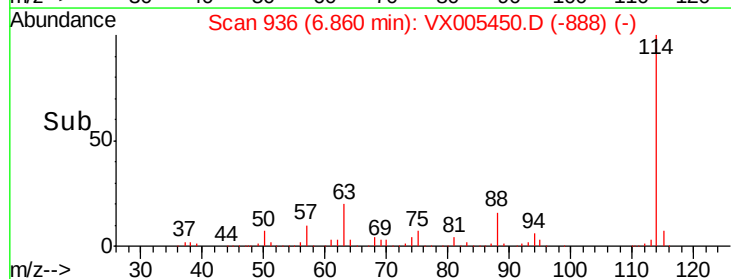
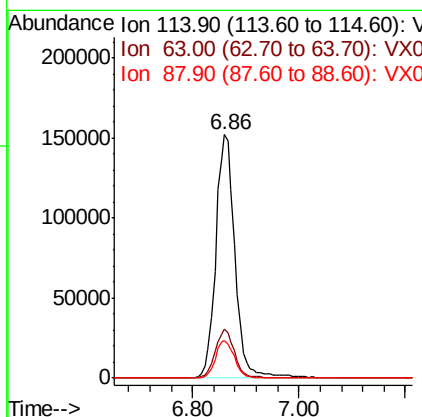
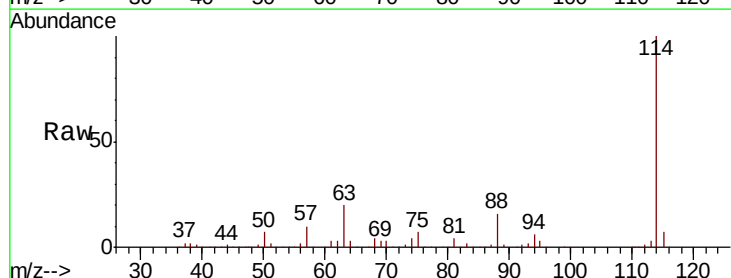
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

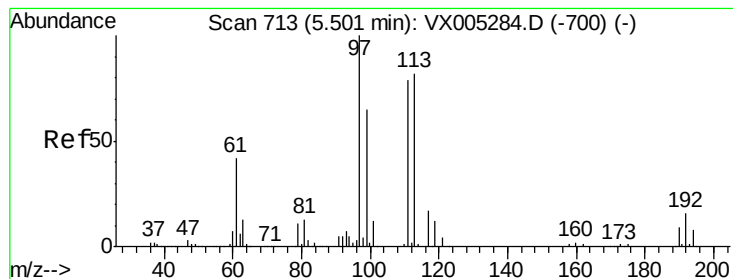
Tot Ion: 65 Resp: 146361
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion: 114 Resp: 381566
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.681 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

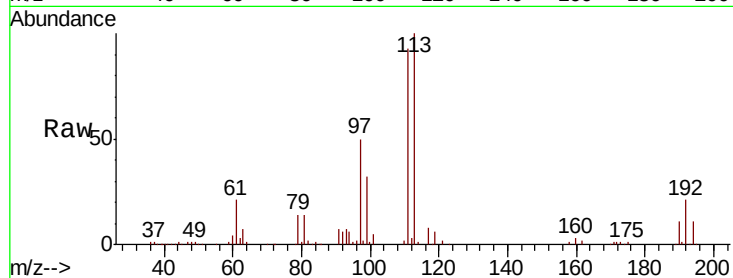
Tot Ion:113 Resp: 128082

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

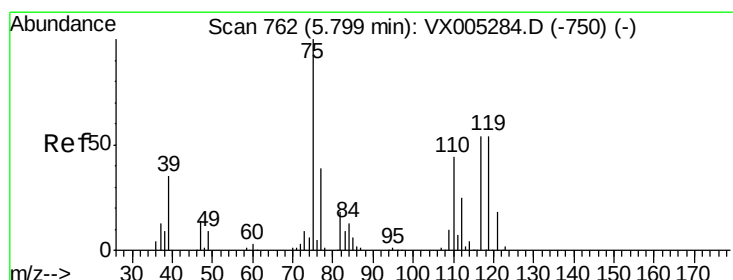
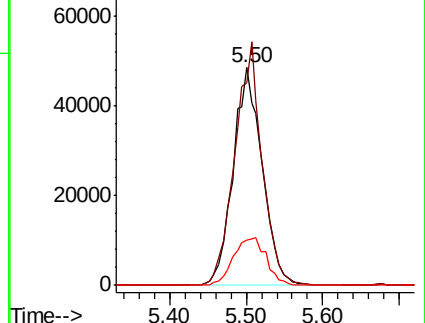
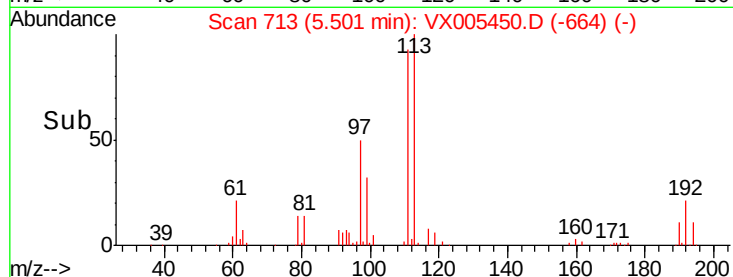
192 24.7 19.4 29.2



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: 19.014 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

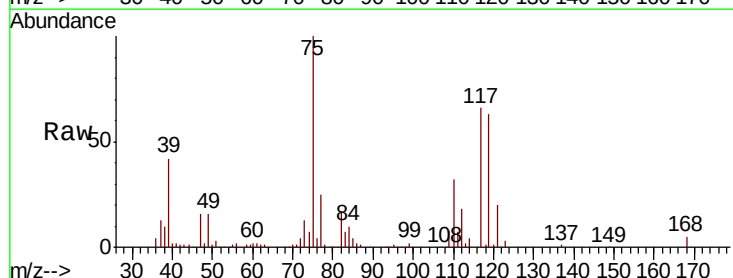
Tgt Ion: 75 Resp: 70265

Ion Ratio Lower Upper

75 100

110 35.9 18.0 54.0

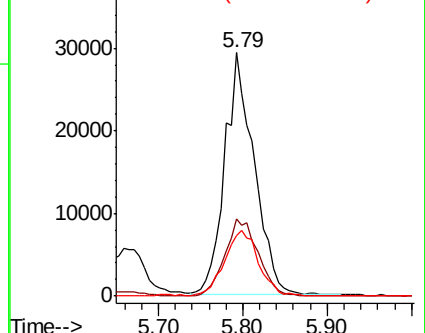
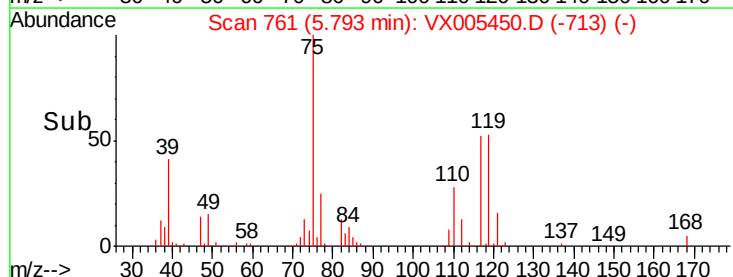
77 30.3 24.6 36.8

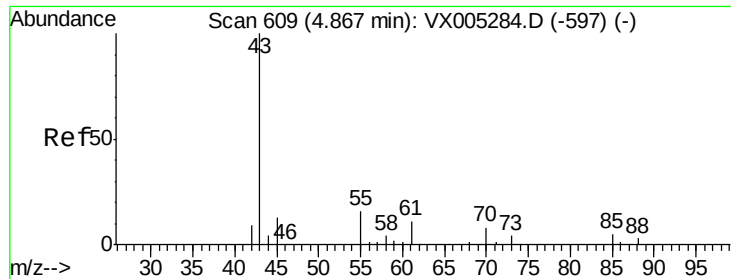


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

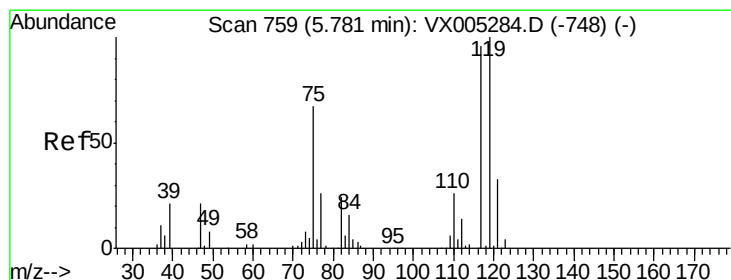
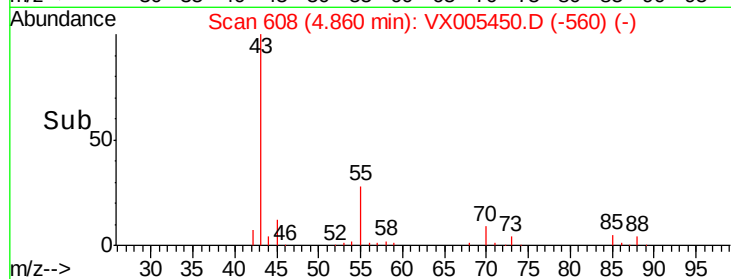
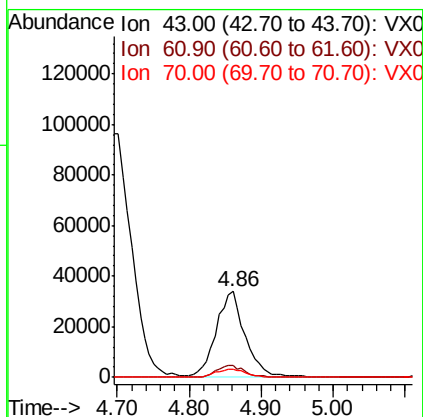
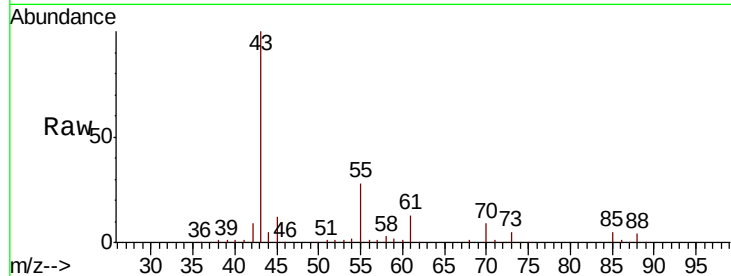




#37
Ethyl Acetate
Concen: 19.813 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

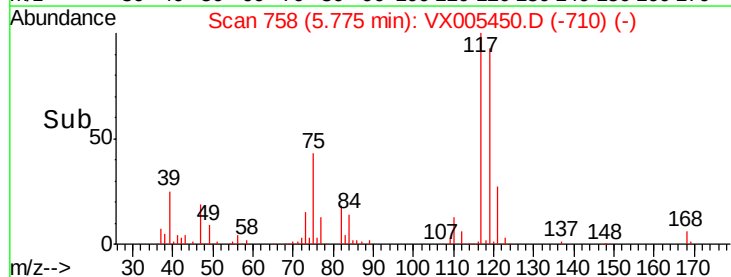
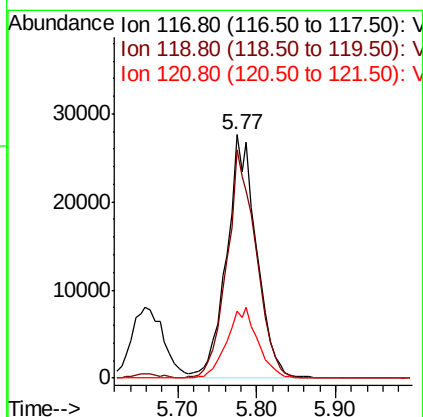
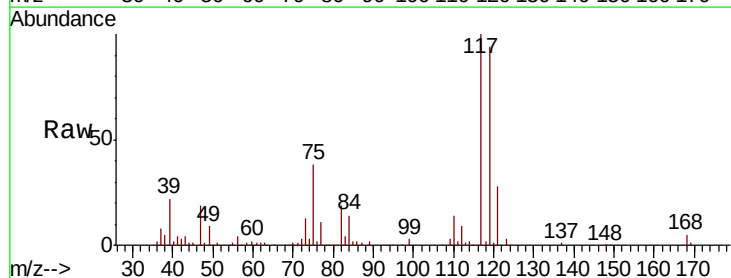
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

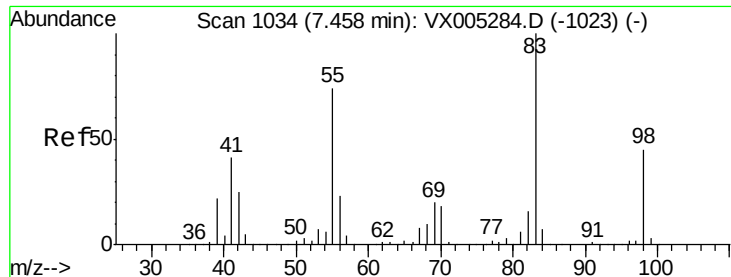
Tot Ion: 43 Resp: 94159
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 10.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.624 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion: 117 Resp: 72865
Ion Ratio Lower Upper
117 100
119 93.7 78.8 118.2
121 27.5 24.9 37.3

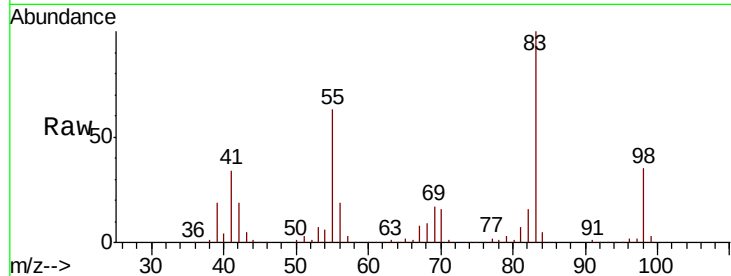




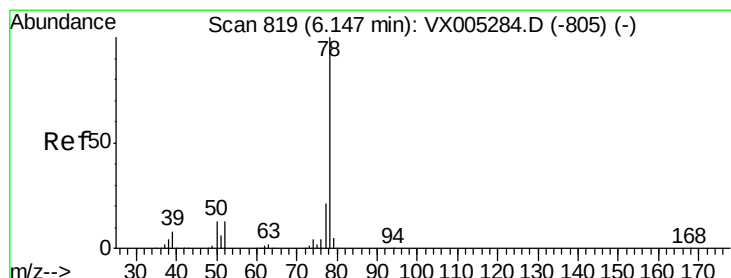
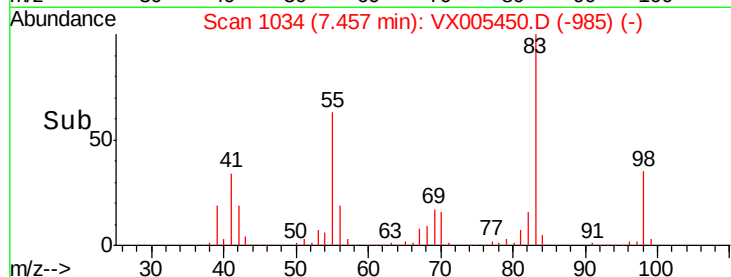
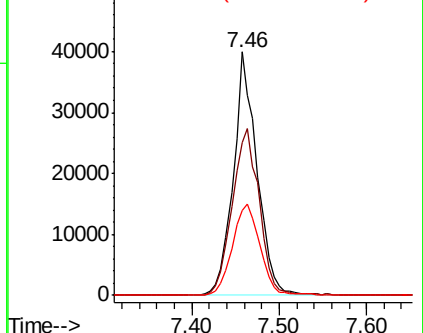
#39
Methylvlcyclohexane
Concen: 18.915 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Instrument :
MSVOA_X
ClientSampled :
VX1019WBS01

Tot Ion: 83 Resp: 75652
Ion Ratio Lower Upper
83 100
55 62.5 61.0 91.4
98 34.8 39.6 59.4#

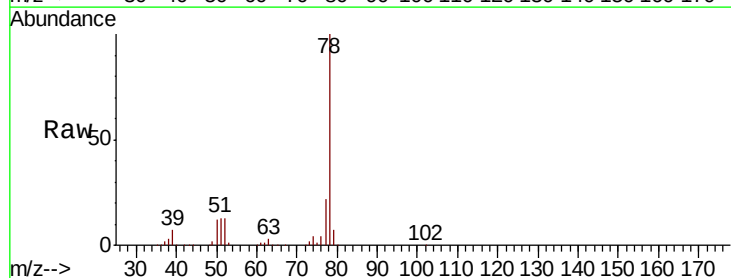


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

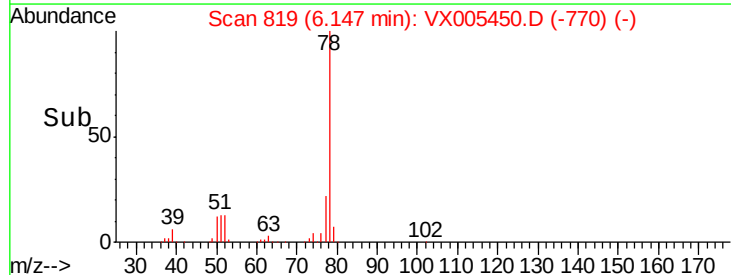
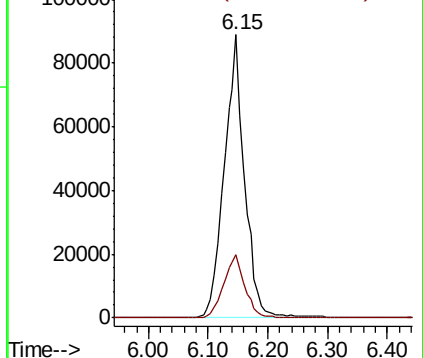


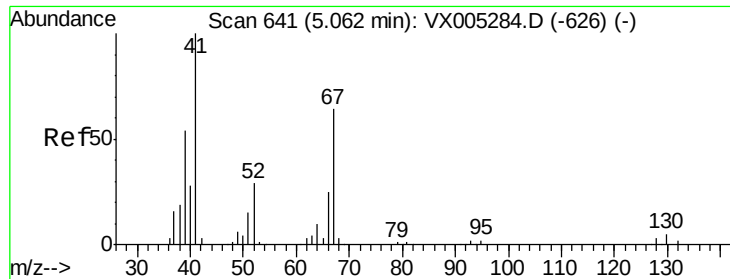
#40
Benzene
Concen: 18.941 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion: 78 Resp: 209968
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4



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

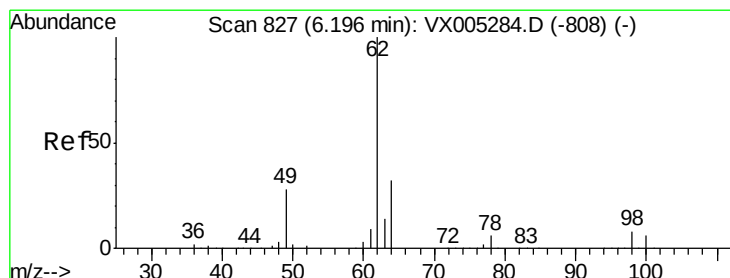
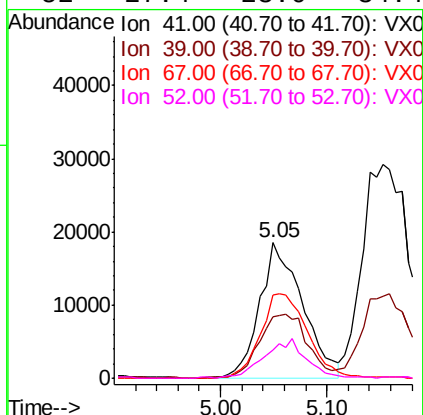
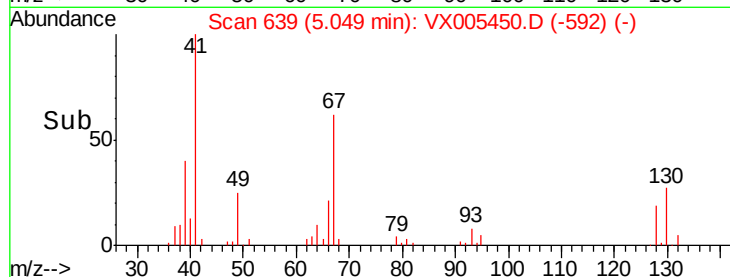
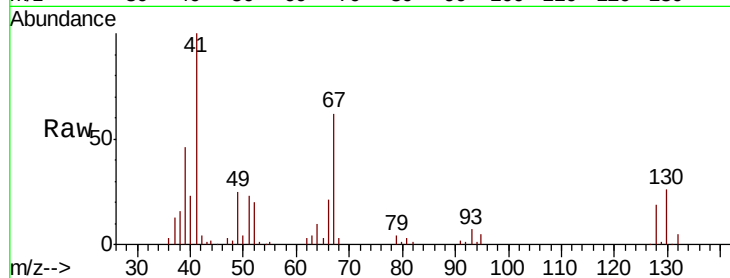




#41
Methacrylonitrile
Concen: 20.476 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

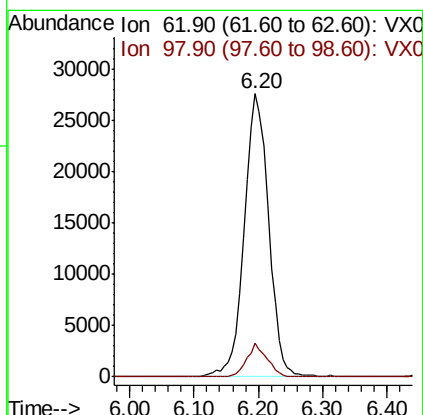
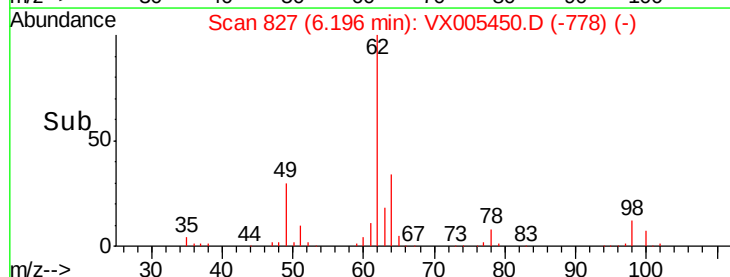
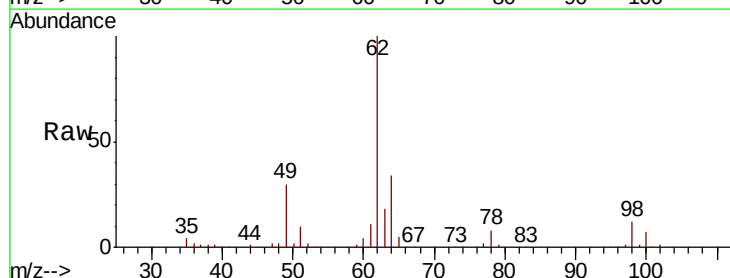
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

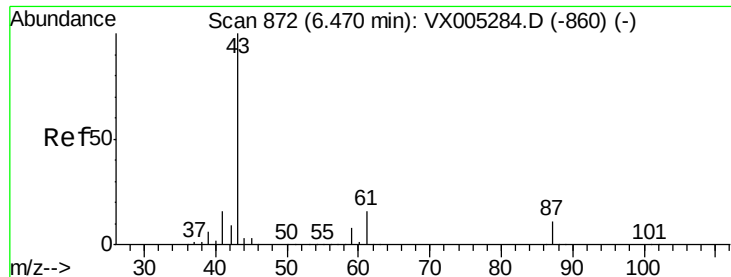
Tot Ion:	41	Resp:	52169
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.4	63.6
67	68.3	59.2	88.8
52	27.4	23.0	34.4



#42
1,2-Dichloroethane
Concen: 18.336 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion:	62	Resp:	71771
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 20.998 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

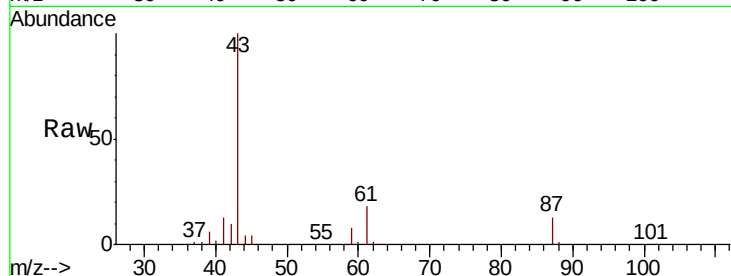
Tot Ion: 43 Resp: 132932

Ion Ratio Lower Upper

43 100

61 19.4 17.0 25.4

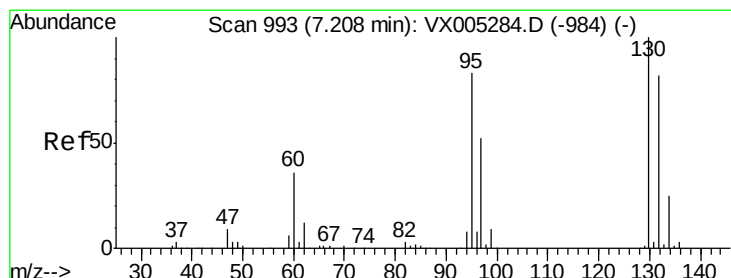
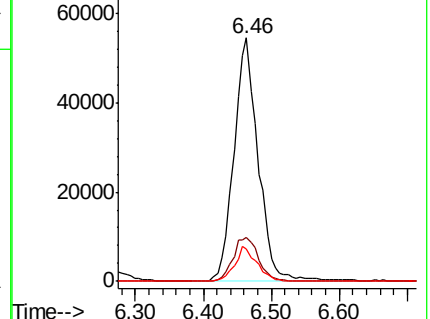
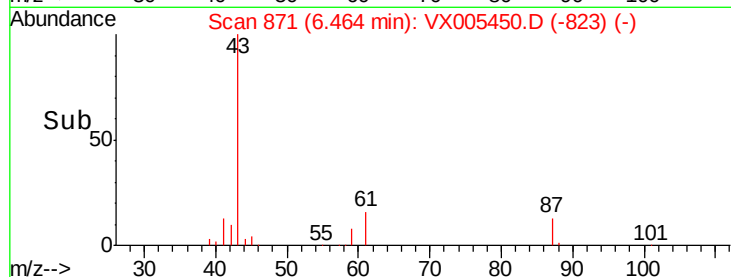
87 13.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-860) (-)

Ion 61.00 (60.70 to 61.70): VX005284.D (-860) (-)

Ion 87.00 (86.70 to 87.70): VX005284.D (-860) (-)



#44

Trichloroethene

Concen: 19.758 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005450.D

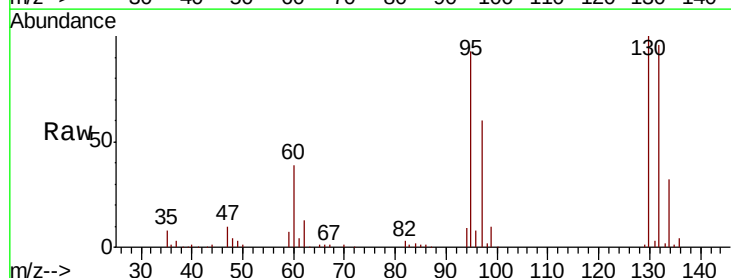
Acq: 19 Oct 2018 11:39

Tgt Ion: 130 Resp: 56992

Ion Ratio Lower Upper

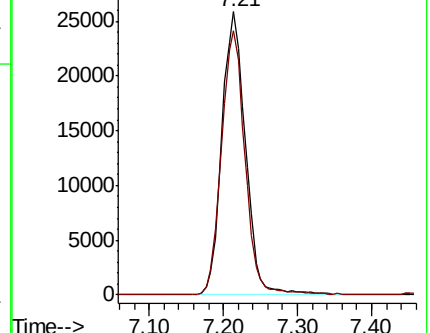
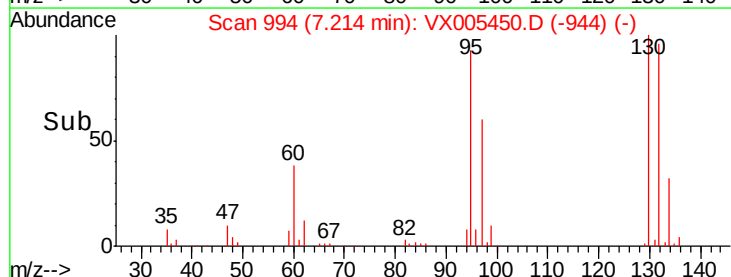
130 100

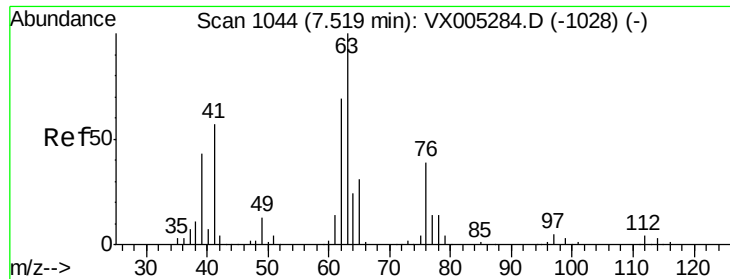
95 93.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX005284.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX005284.D (-984) (-)

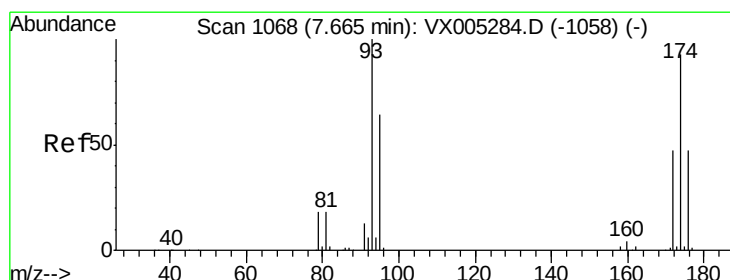
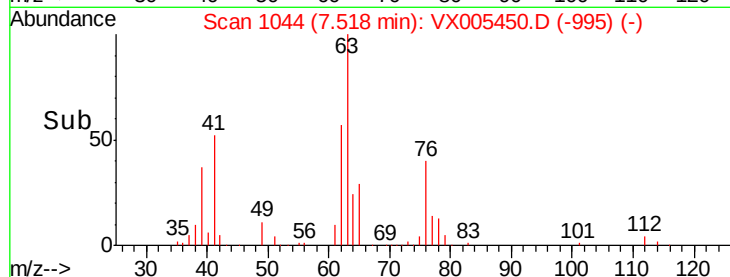
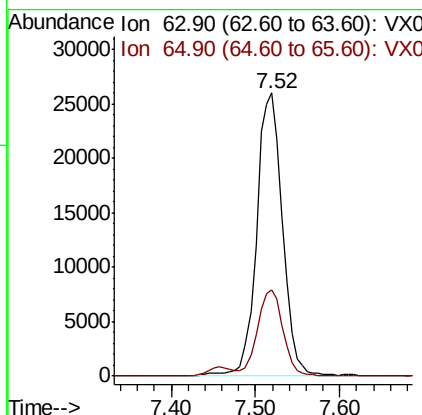
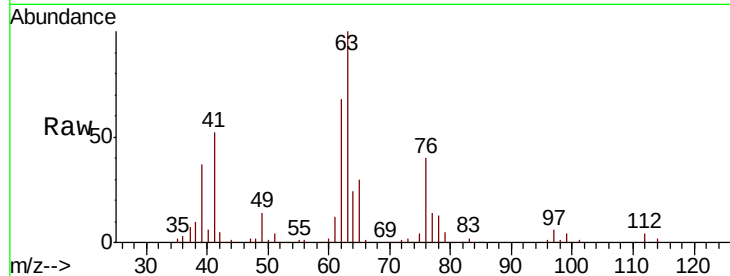




#45
 1,2-Dichloropropane
 Concen: 20.225 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

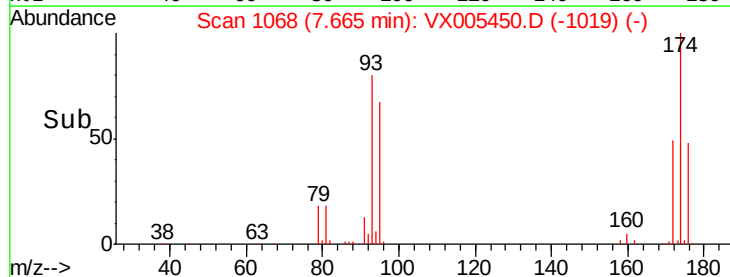
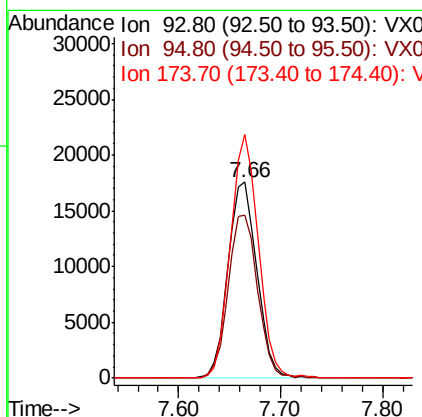
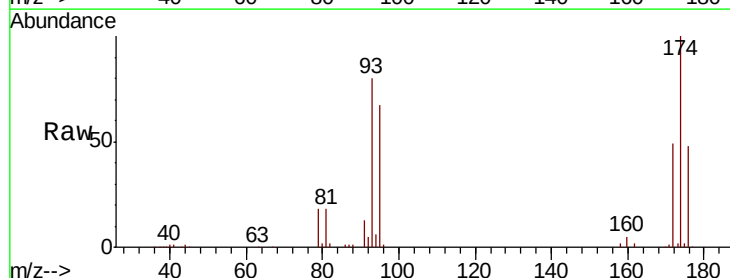
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

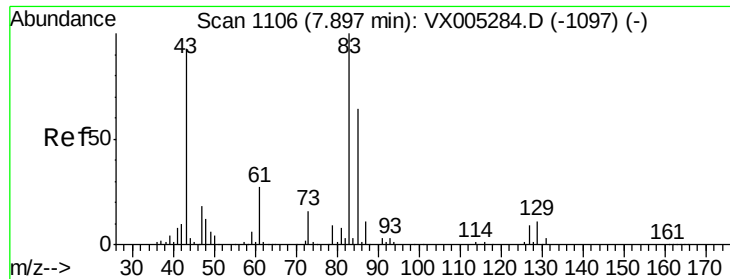
Tot Ion: 63 Resp: 54997
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 19.242 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion: 93 Resp: 34534
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.5 98.3
 174 119.5 94.2 141.4





#47

Bromodichloromethane

Concen: 19.425 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

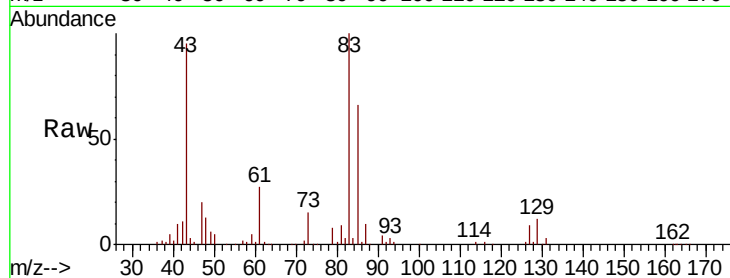
Tot Ion: 83 Resp: 64485

Ion Ratio Lower Upper

83 100

85 65.8 50.9 76.3

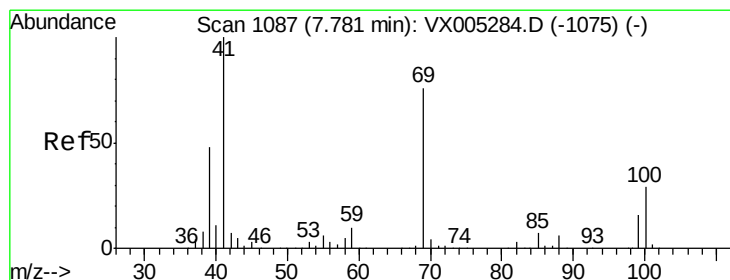
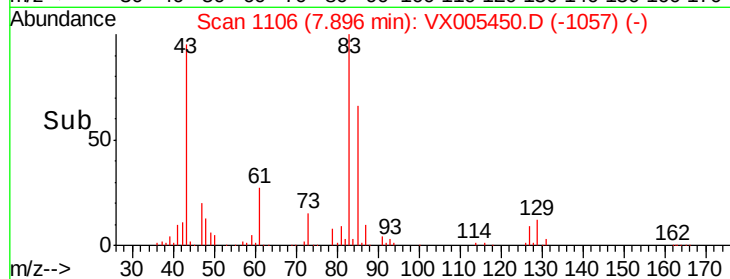
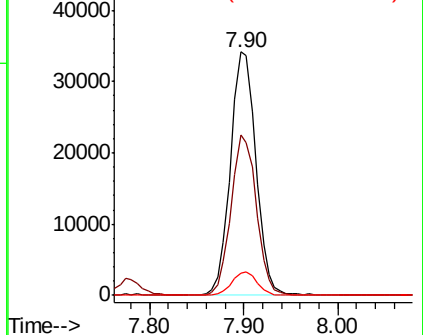
127 9.3 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.545 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

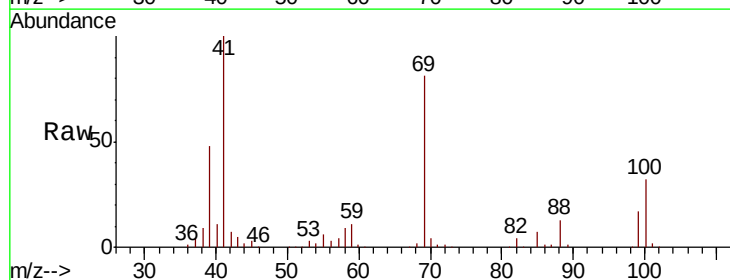
Tgt Ion: 41 Resp: 64175

Ion Ratio Lower Upper

41 100

69 83.1 70.2 105.4

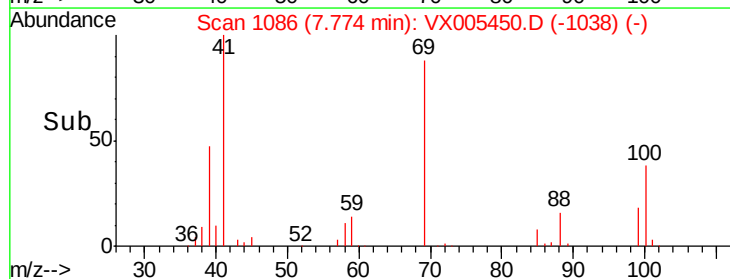
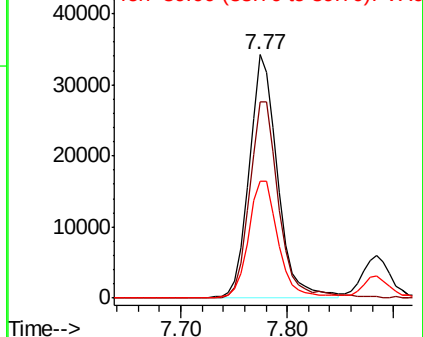
39 50.6 42.7 64.1

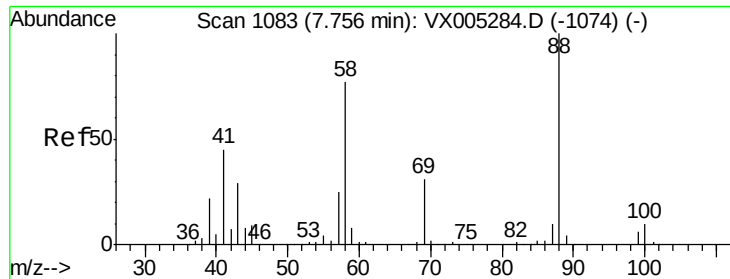


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

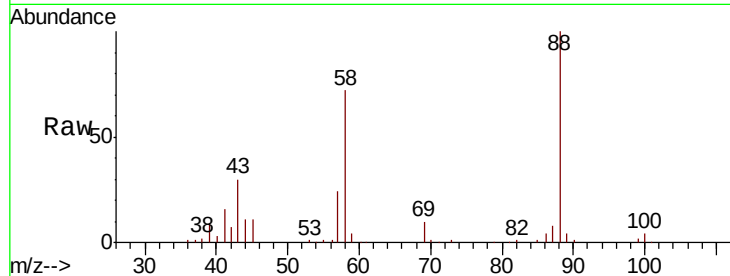




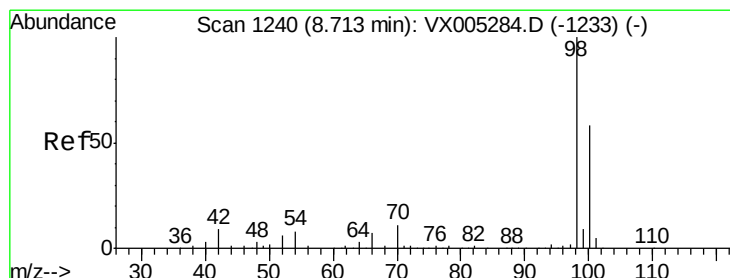
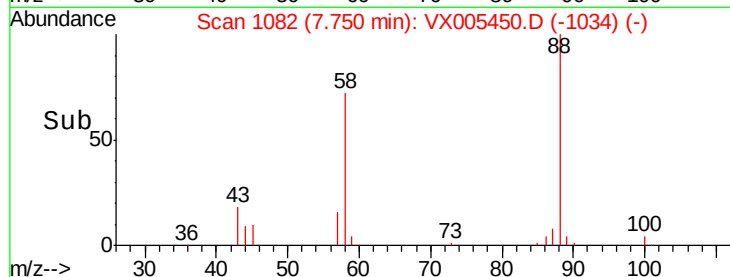
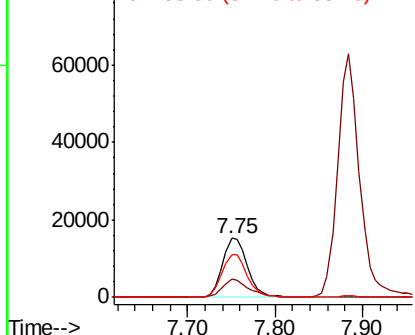
#49
 1,4-Dioxane
 Concen: 400.020 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion: 88 Resp: 30294
 Ion Ratio Lower Upper
 88 100
 43 32.7 24.7 37.1
 58 73.7 55.3 82.9

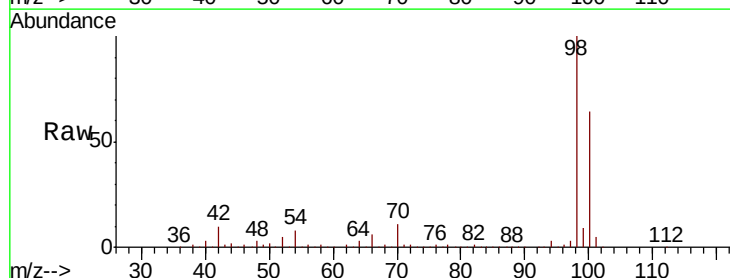


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

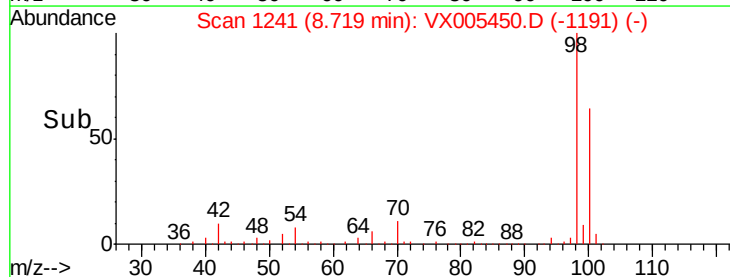
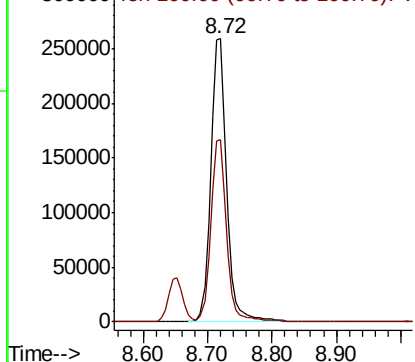


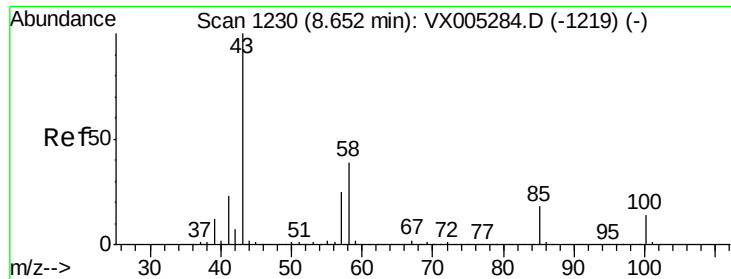
#50
 Toluene-d8
 Concen: 51.459 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion: 98 Resp: 446459
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 102.321 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

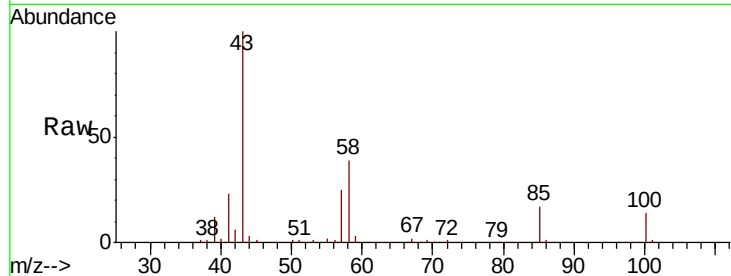
VX1019WBS01

Tot Ion: 43 Resp: 448519

Ion Ratio Lower Upper

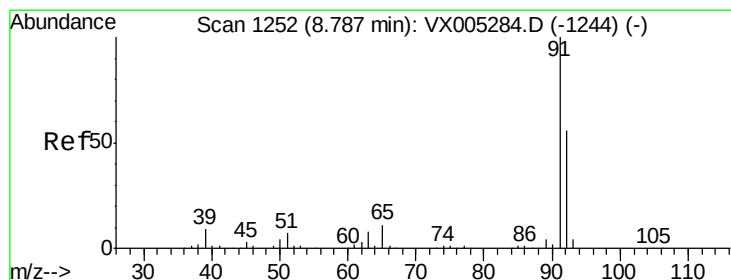
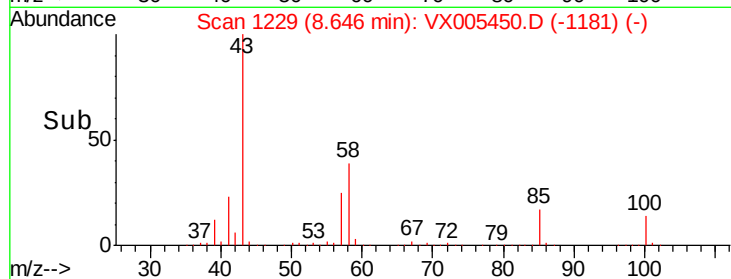
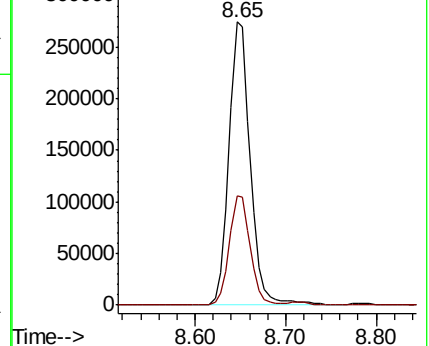
43 100

58 38.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX005284.D (-1219) (-)



#52

Toluene

Concen: 20.809 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005450.D

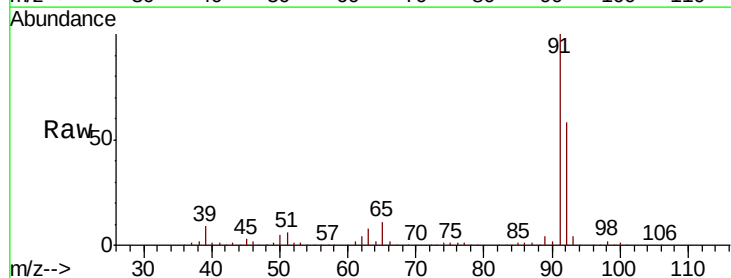
Acq: 19 Oct 2018 11:39

Tgt Ion: 92 Resp: 126205

Ion Ratio Lower Upper

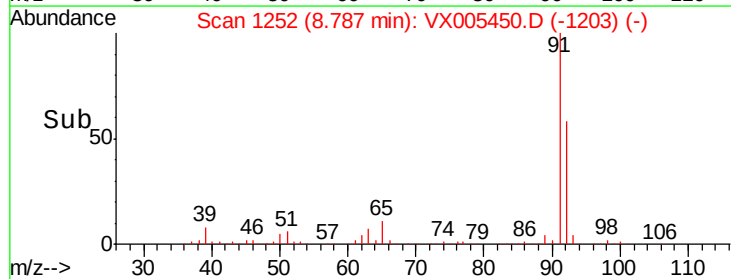
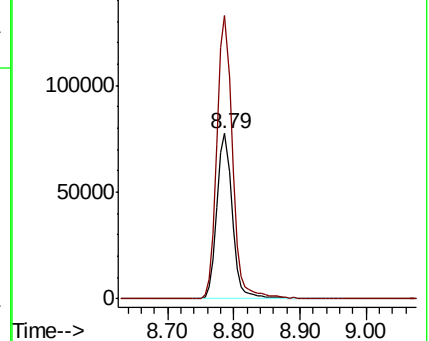
92 100

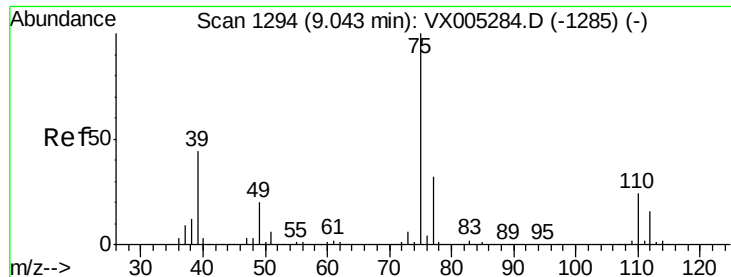
91 172.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX005284.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX005284.D (-1244) (-)





#53

t-1,3-Dichloropropene

Concen: 19.969 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

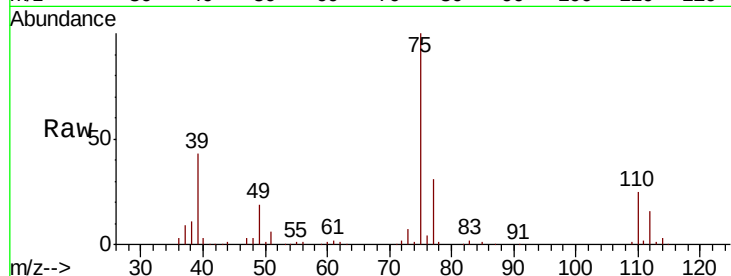
VX1019WBS01

Tot Ion: 75 Resp: 71744

Ion Ratio Lower Upper

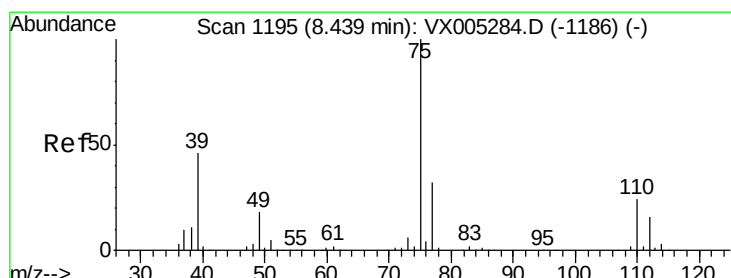
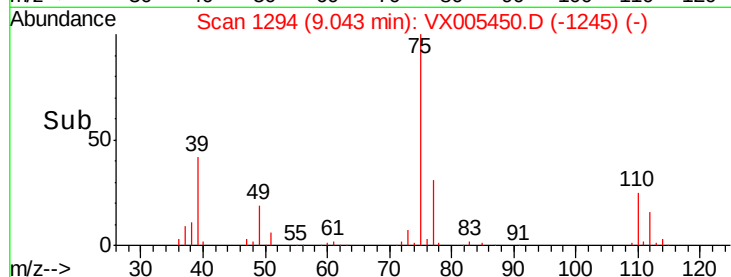
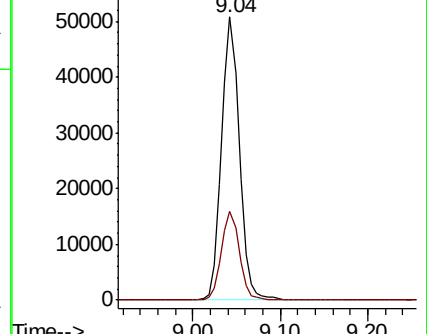
75 100

77 31.3 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.528 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

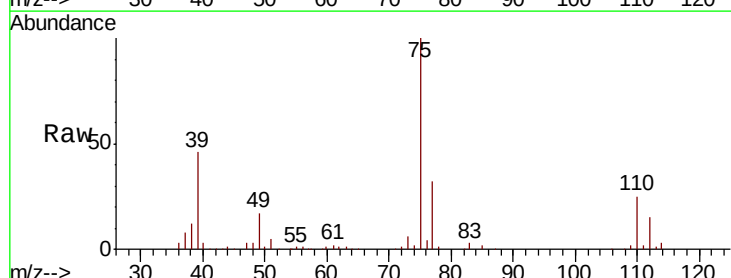
Tgt Ion: 75 Resp: 79911

Ion Ratio Lower Upper

75 100

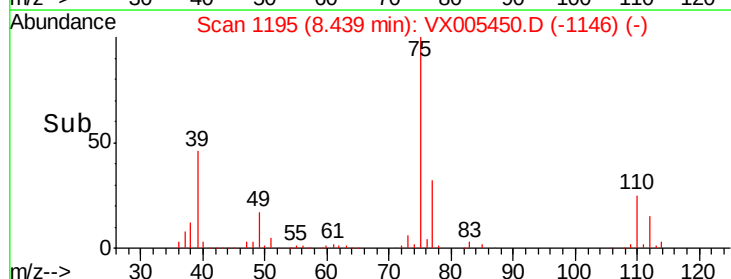
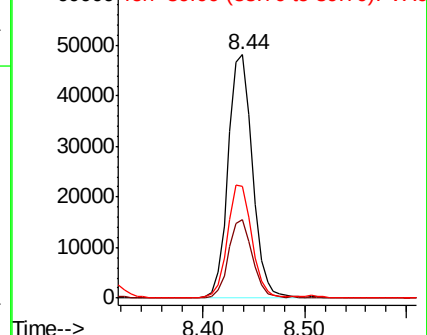
77 32.1 26.2 39.2

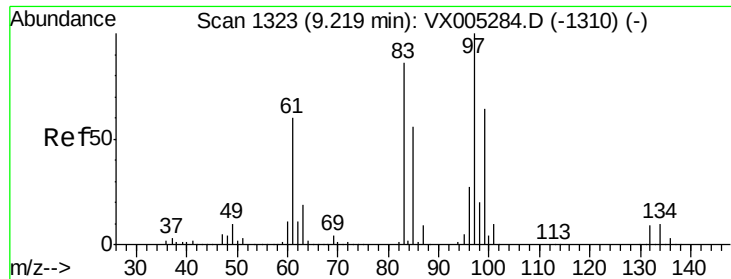
39 45.6 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

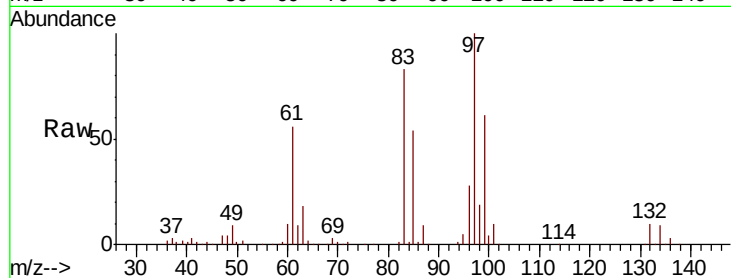




#55
1,1,2-Trichloroethane
Concen: 20.889 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Instrument :
MSVOA_X
ClientSampled :
VX1019WBS01

Tot Ion:	97	Resp:	53660
Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.4	99.6
85	53.7	43.3	64.9
99	60.7	49.0	73.4



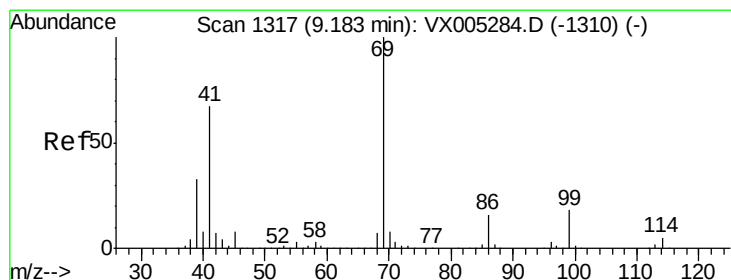
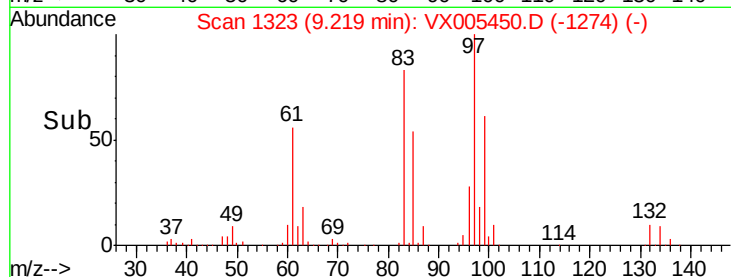
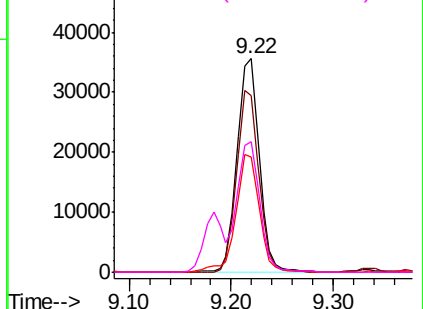
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

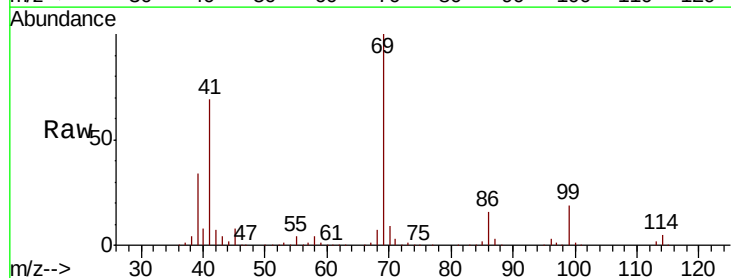
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 20.643 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion:	69	Resp:	77304
Ion	Ratio	Lower	Upper
69	100		
41	67.5	51.0	76.4
39	32.8	26.1	39.1

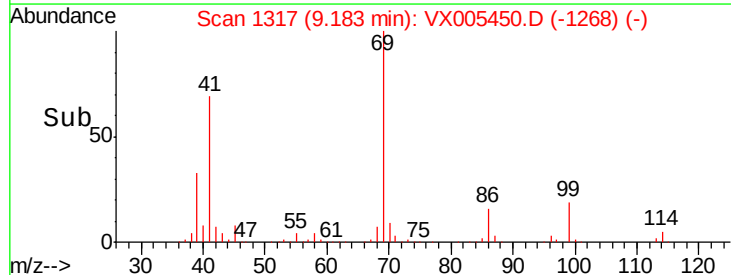
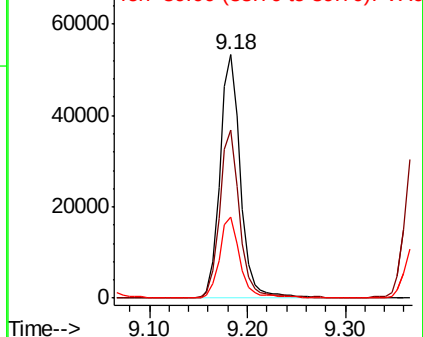


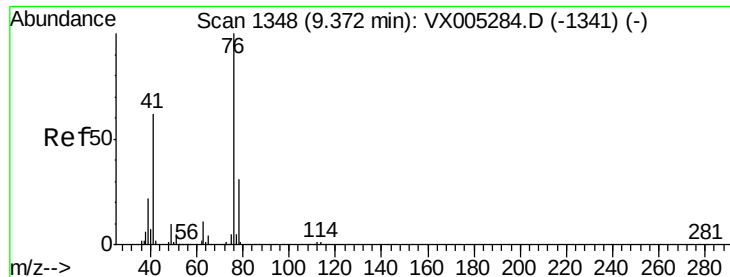
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

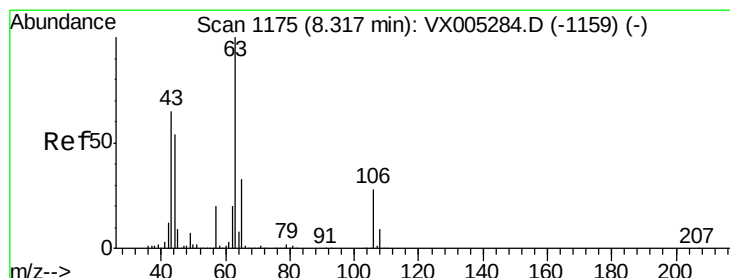
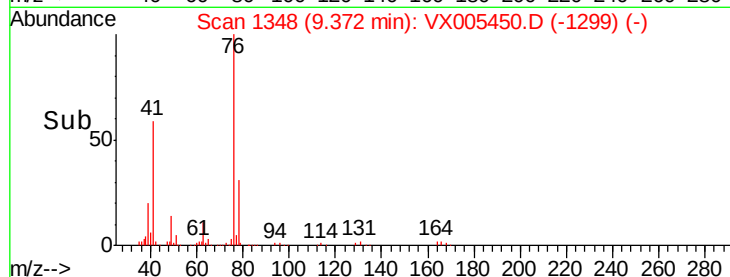
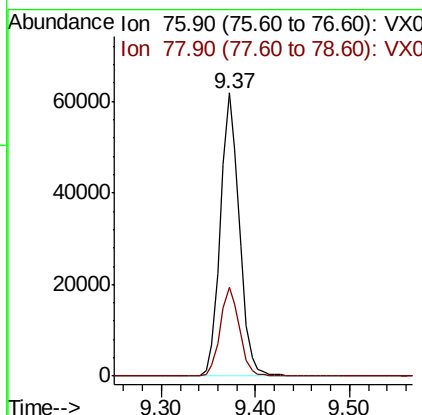
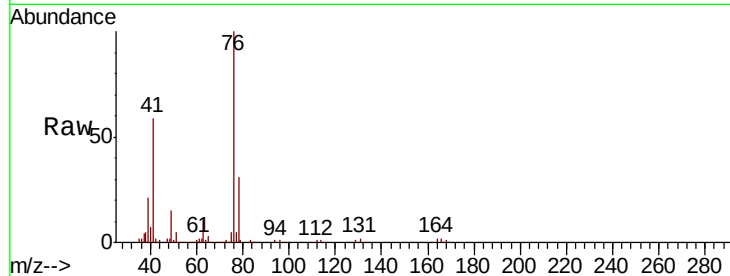




#57
 1,3-Dichloropropane
 Concen: 20.167 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

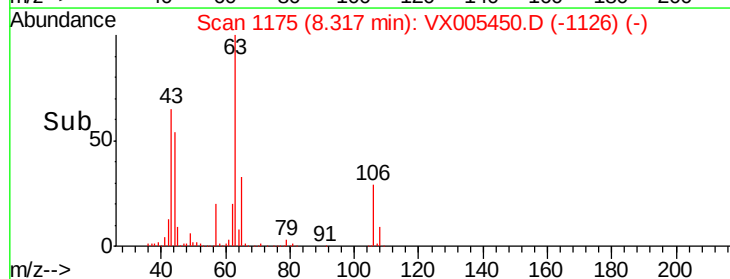
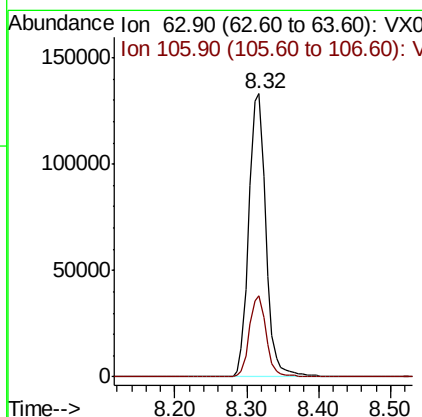
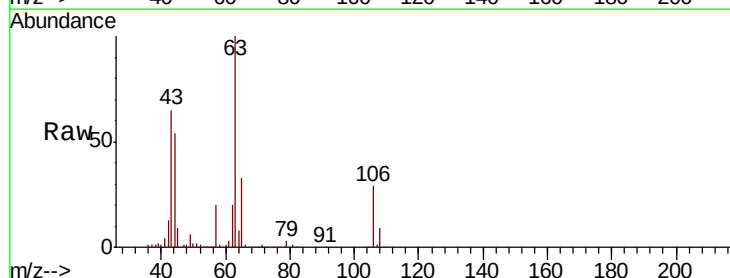
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

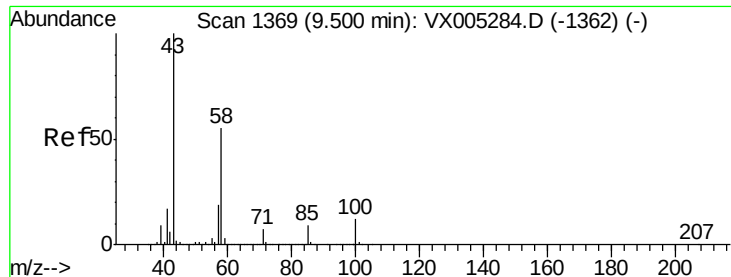
Tot Ion: 76 Resp: 86467
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.586 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion: 63 Resp: 219646
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.9 35.9

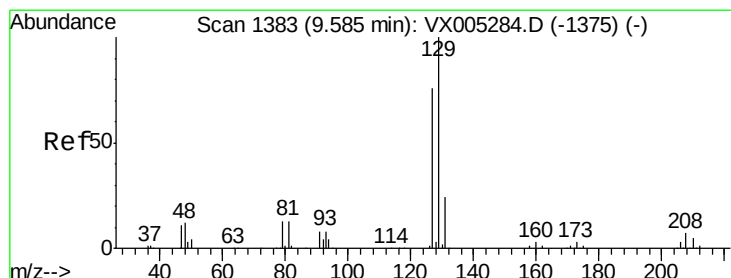
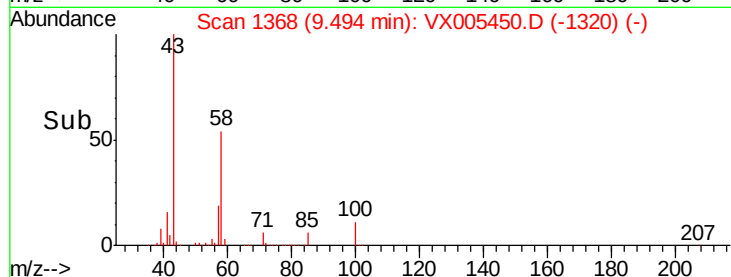
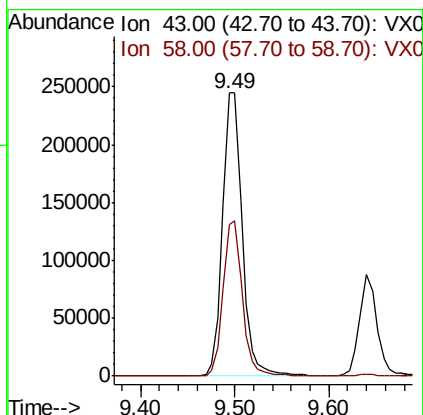
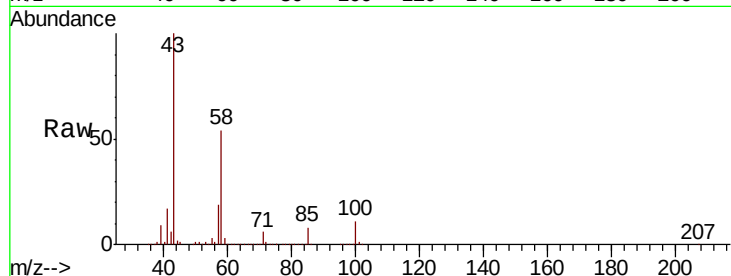




#59
2-Hexanone
Concen: 100.840 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

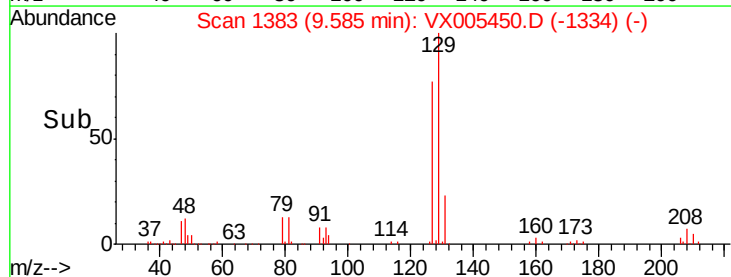
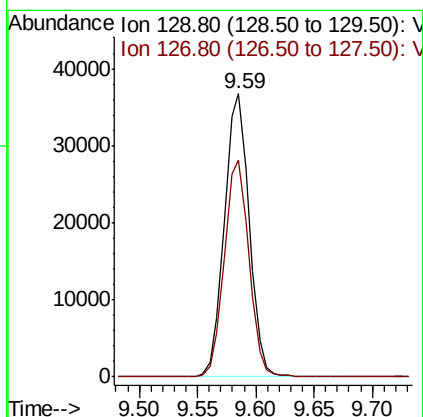
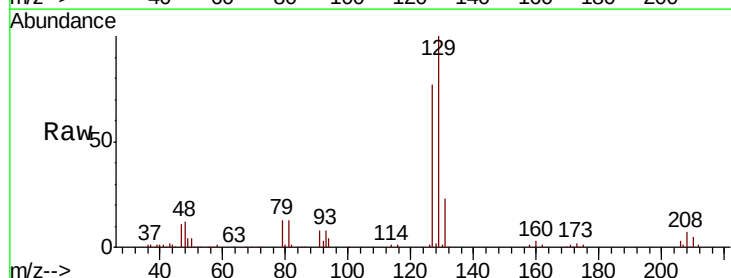
Instrument :
MSVOA_X
ClientSampled :
VX1019WBS01

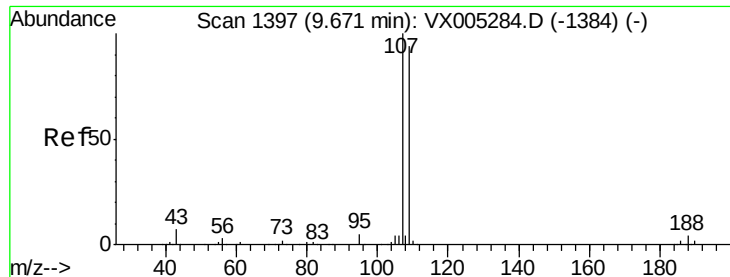
Tot Ion: 43 Resp: 355568
Ion Ratio Lower Upper
43 100
58 53.8 29.0 87.0



#60
Dibromochloromethane
Concen: 20.449 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion: 129 Resp: 54297
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.358 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

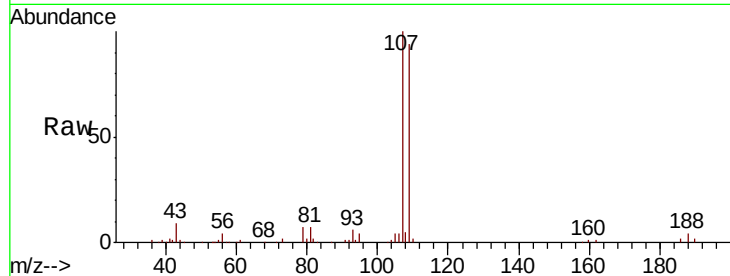
VX1019WBS01

Tot Ion:107 Resp: 54882

Ion Ratio Lower Upper

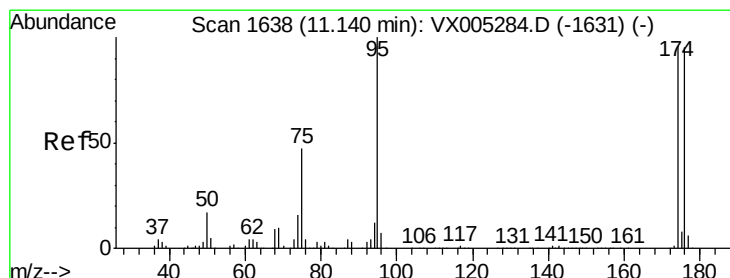
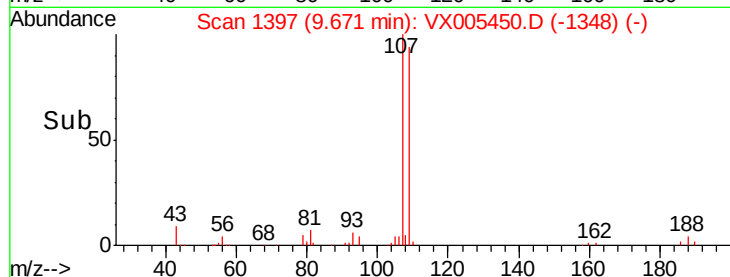
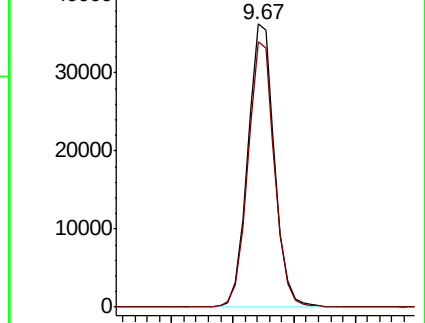
107 100

109 93.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.285 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

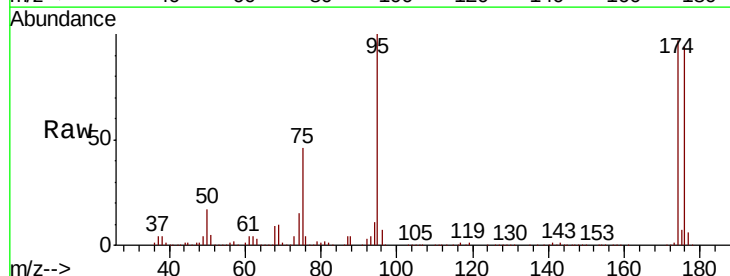
Tgt Ion: 95 Resp: 167152

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.2

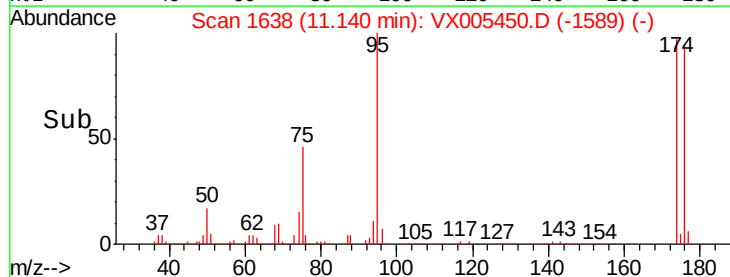
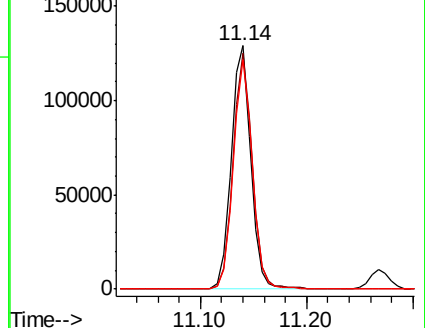
176 91.8 0.0 178.6

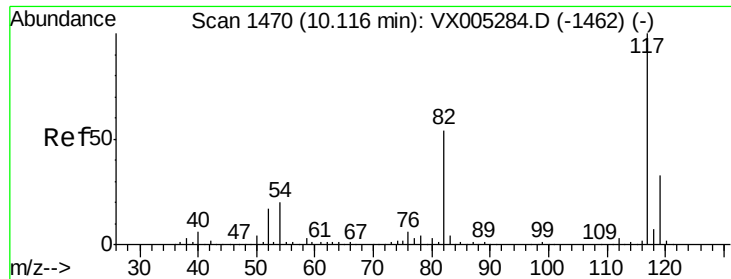


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

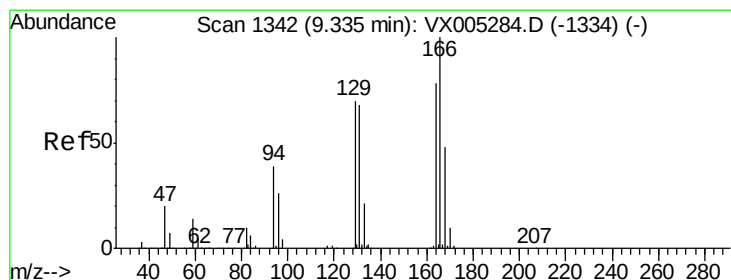
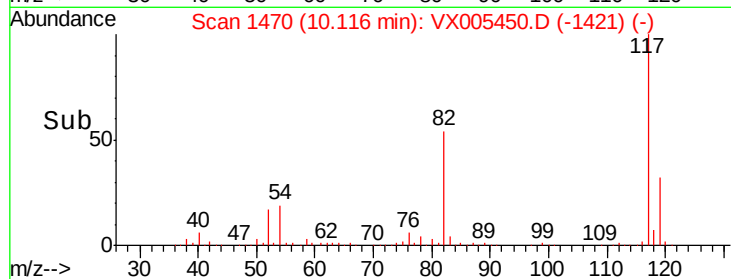
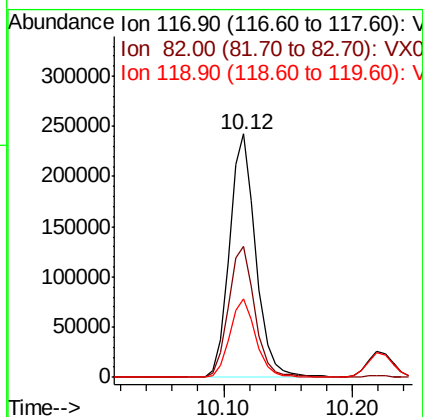
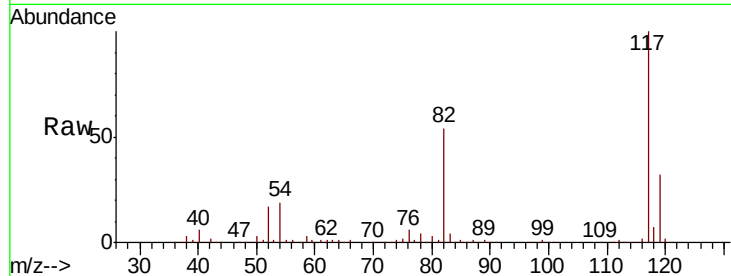




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

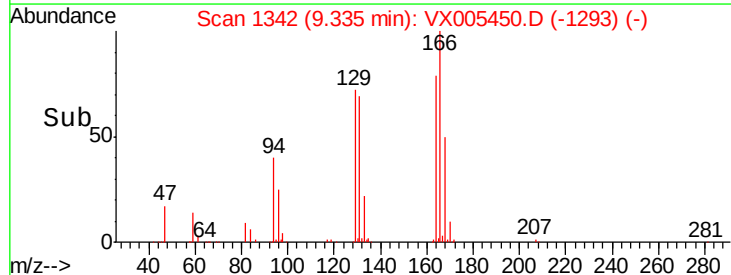
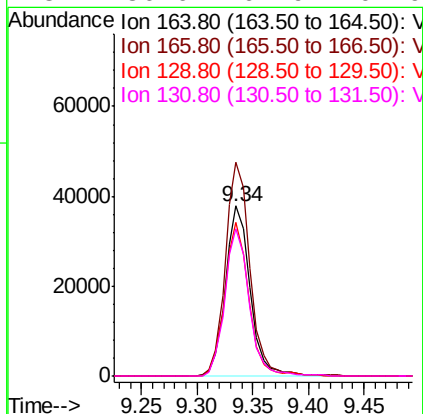
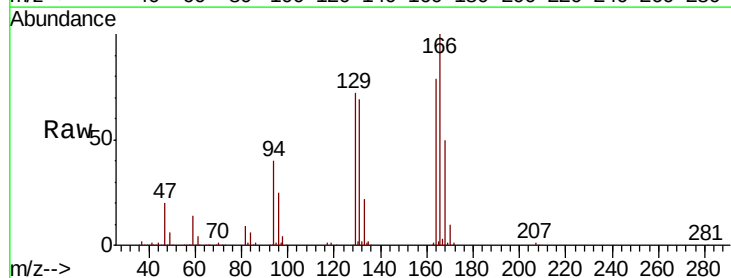
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

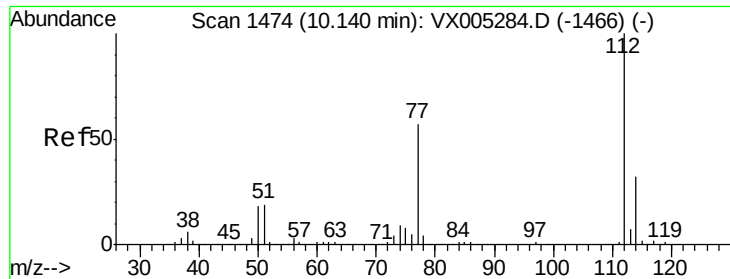
Tot Ion:117 Resp: 345911
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.6
119 32.5 29.3 43.9



#64
Tetrachloroethene
Concen: 20.786 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion:164 Resp: 57885
Ion Ratio Lower Upper
164 100
166 125.8 102.8 154.2
129 90.2 69.4 104.0
131 86.6 67.9 101.9





#65

Chlorobenzene

Concen: 19.547 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

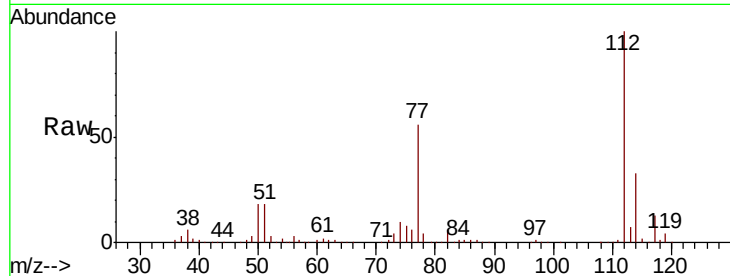
VX1019WBS01

Tot Ion:112 Resp: 143826

Ion Ratio Lower Upper

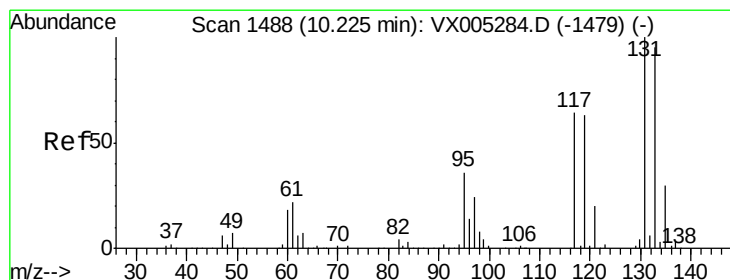
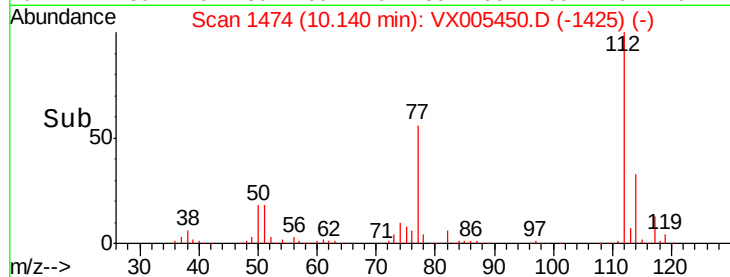
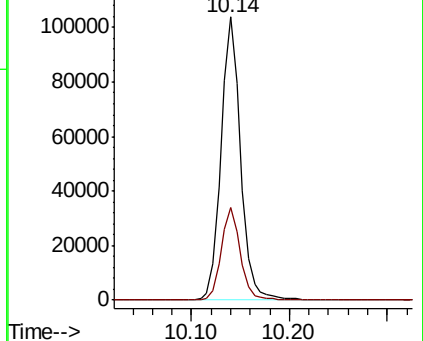
112 100

114 32.7 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.979 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

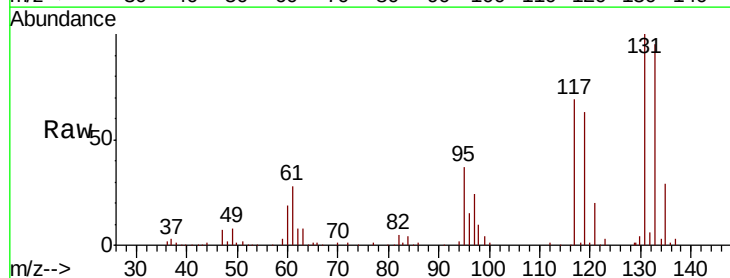
Tgt Ion:131 Resp: 52387

Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.4

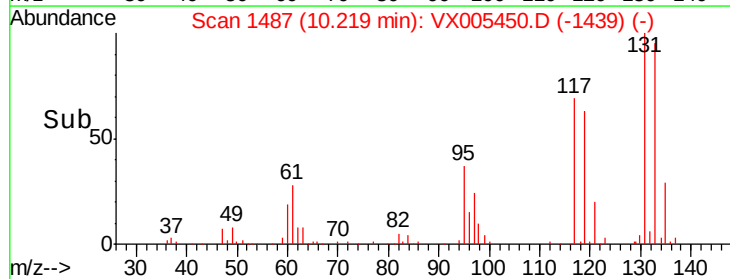
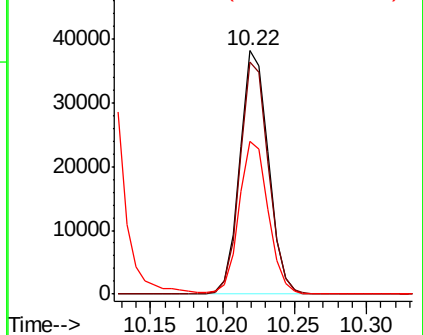
119 64.3 32.9 98.6

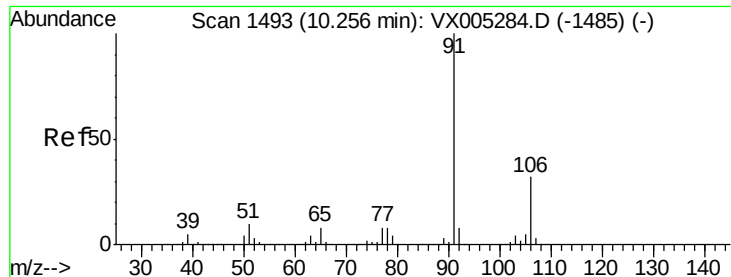


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.523 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampled :

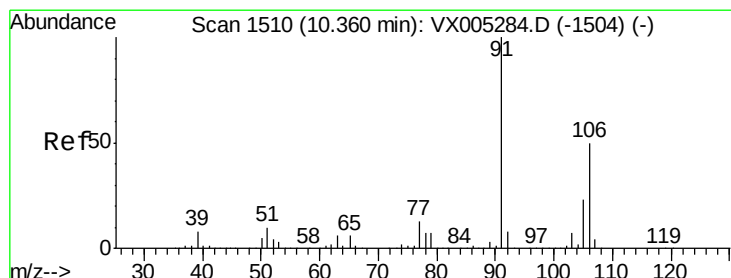
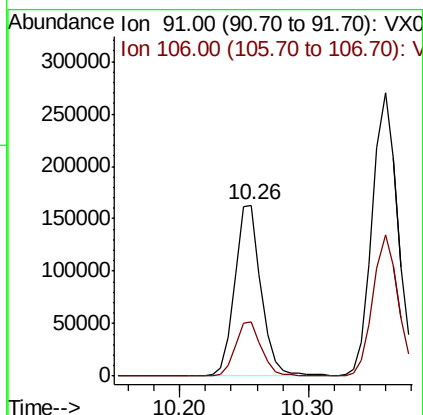
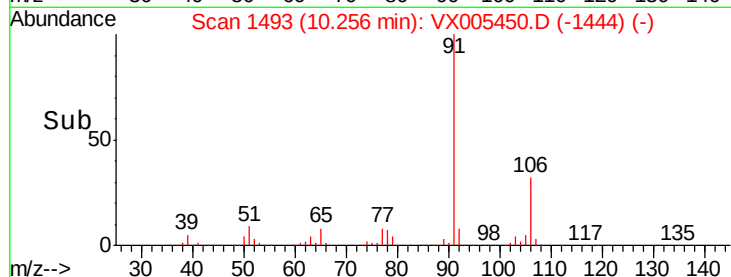
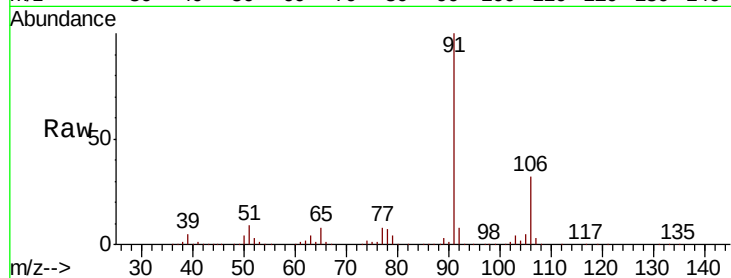
VX1019WBS01

Tot Ion: 91 Resp: 233530

Ion Ratio Lower Upper

91 100

106 31.6 25.9 38.9



#68

m/p-Xylenes

Concen: 40.016 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005450.D

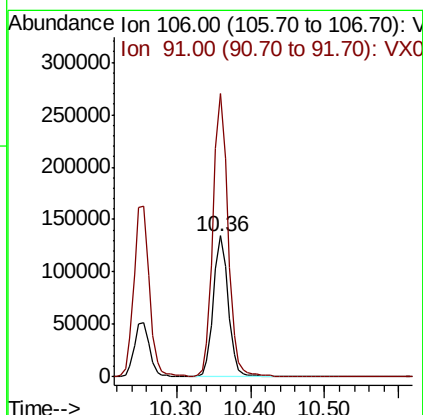
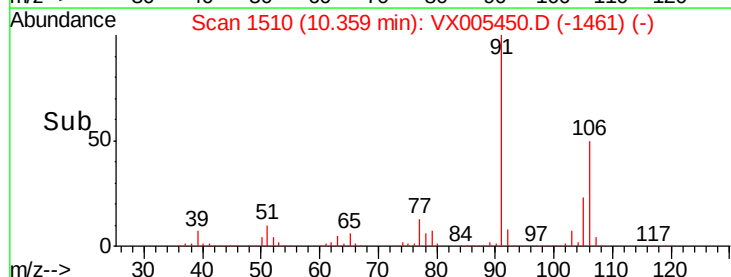
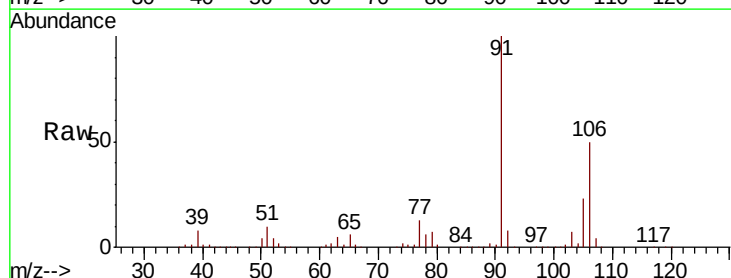
Acq: 19 Oct 2018 11:39

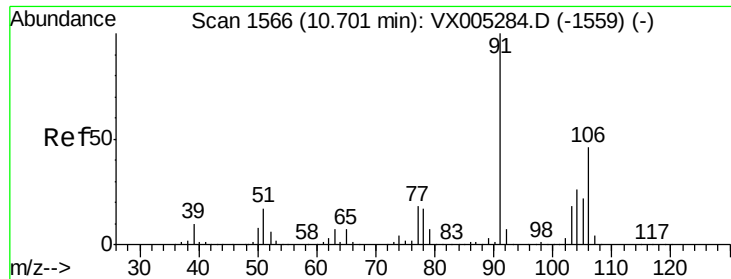
Tgt Ion: 106 Resp: 185781

Ion Ratio Lower Upper

106 100

91 202.0 157.1 235.7

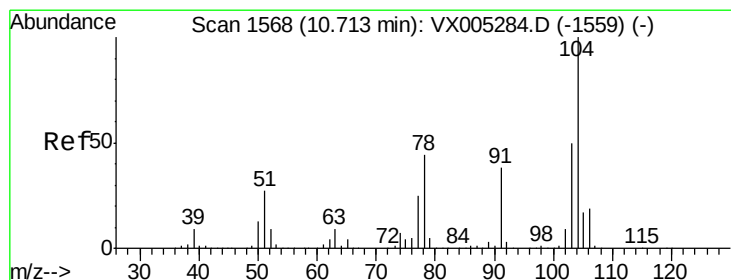
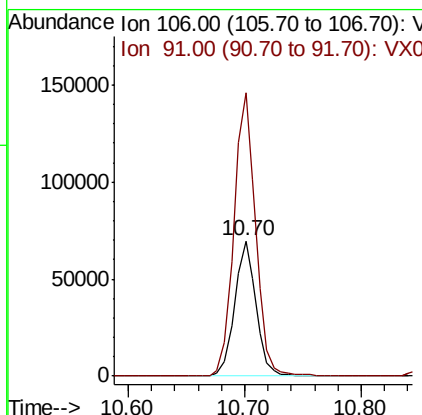
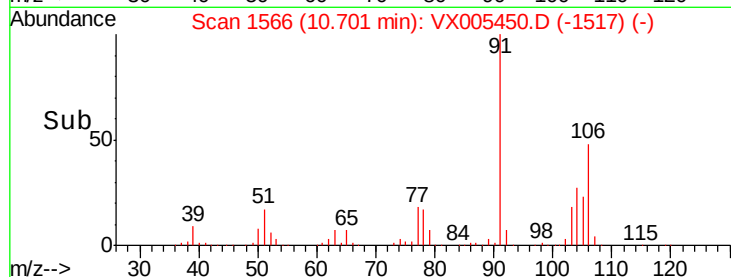
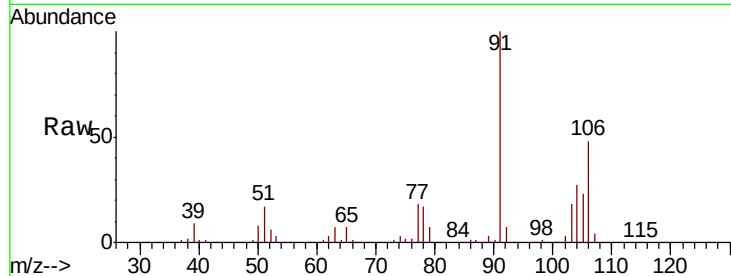




#69
o-Xylene
Concen: 19.826 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

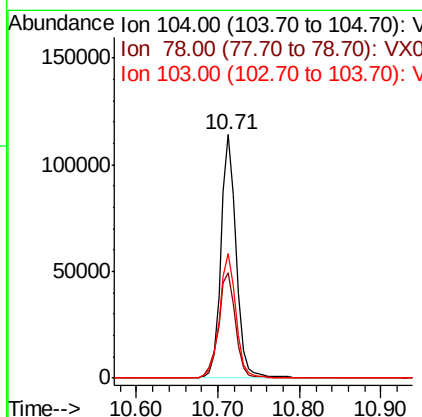
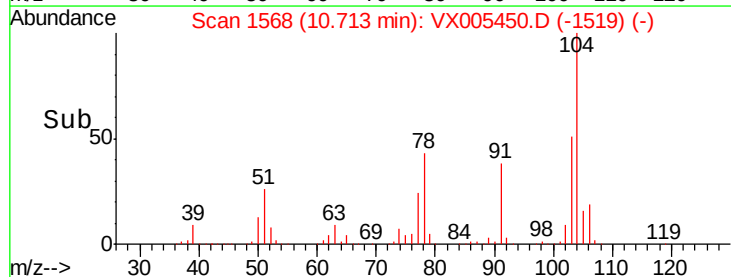
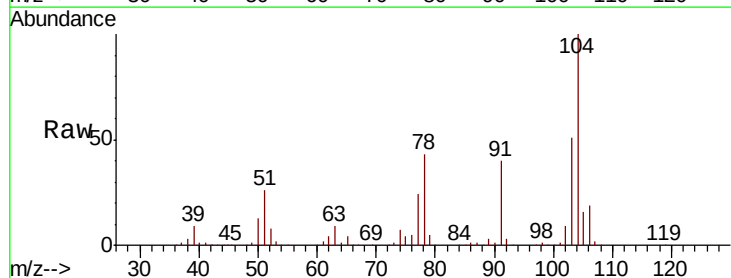
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

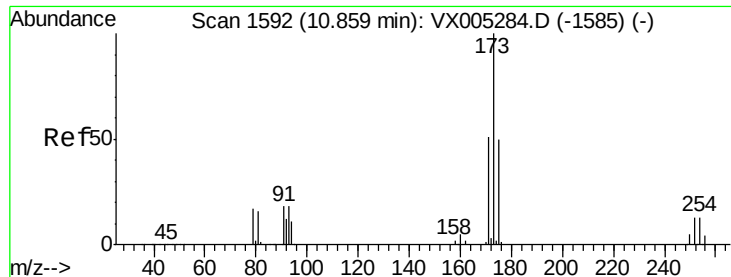
Tot Ion:106 Resp: 88772
Ion Ratio Lower Upper
106 100
91 214.5 105.1 315.1



#70
Styrene
Concen: 20.261 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion:104 Resp: 149220
Ion Ratio Lower Upper
104 100
78 49.0 37.4 56.0
103 55.5 43.8 65.6





#71

Bromoform

Concen: 18.772 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

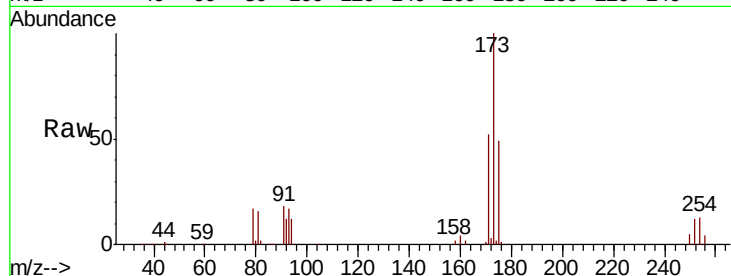
Tot Ion:173 Resp: 43985

Ion Ratio Lower Upper

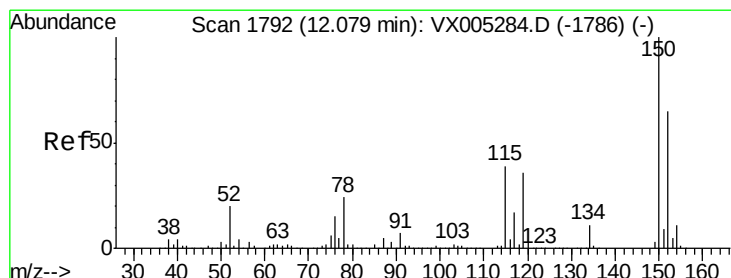
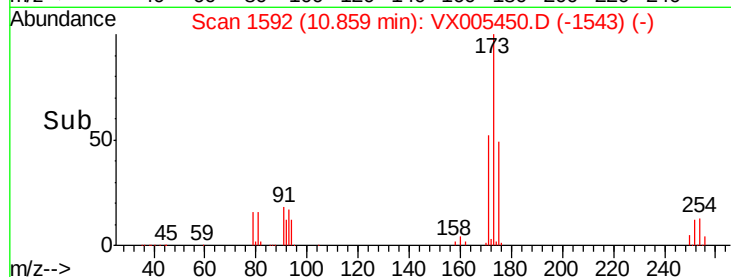
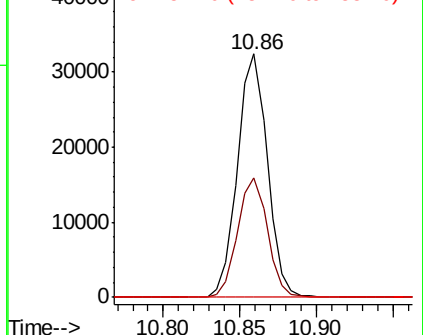
173 100

175 49.2 24.1 72.3

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

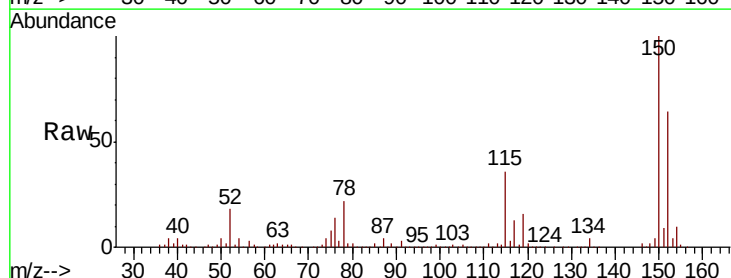
Tgt Ion:152 Resp: 193661

Ion Ratio Lower Upper

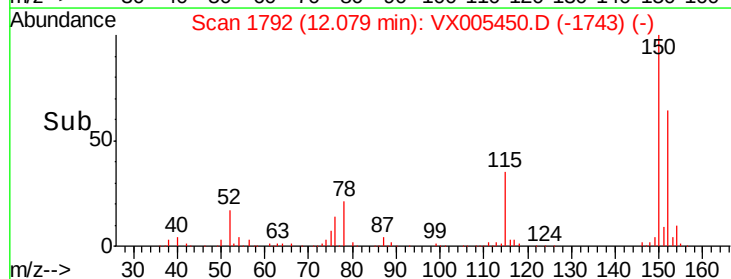
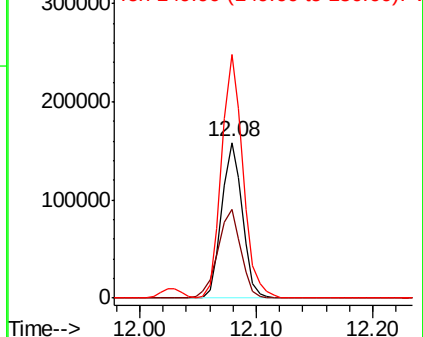
152 100

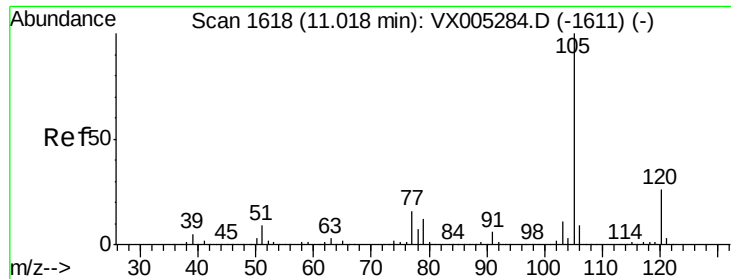
115 63.3 39.0 117.0

150 162.4 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.241 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

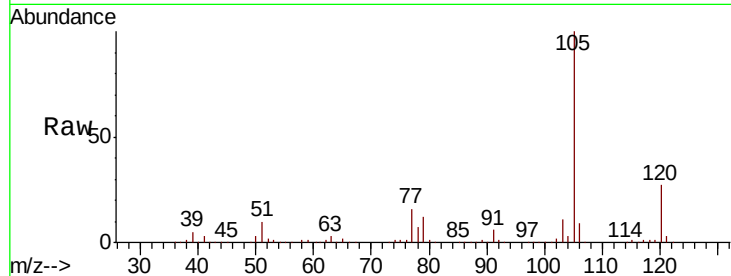
VX1019WBS01

Tot Ion:105 Resp: 244534

Ion Ratio Lower Upper

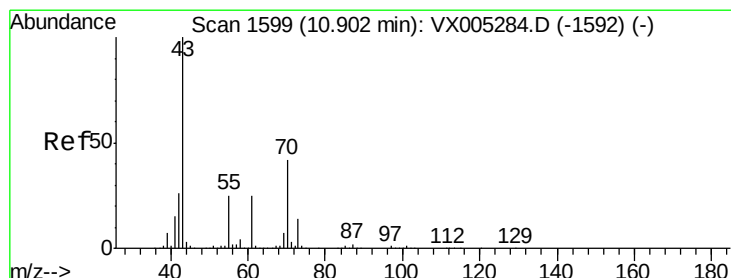
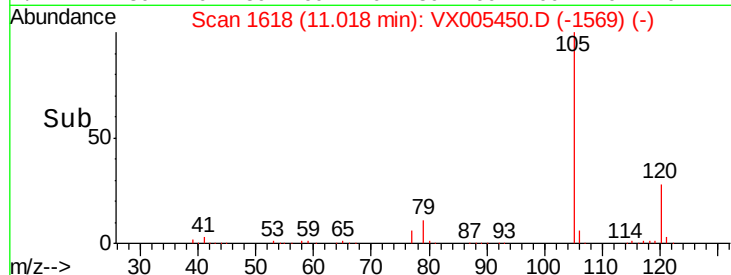
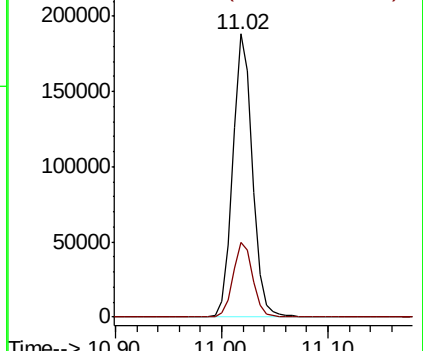
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.917 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Tgt Ion: 43 Resp: 110593

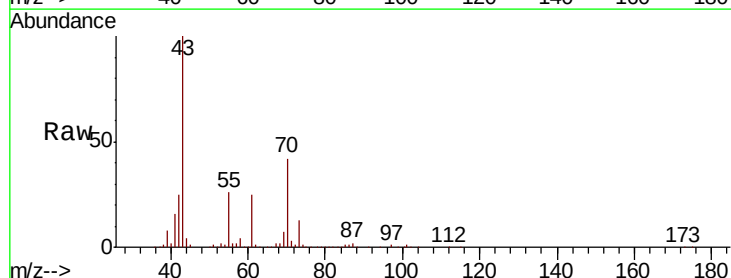
Ion Ratio Lower Upper

43 100

70 41.7 37.4 56.0

55 25.9 21.8 32.8

61 23.9 20.6 30.8

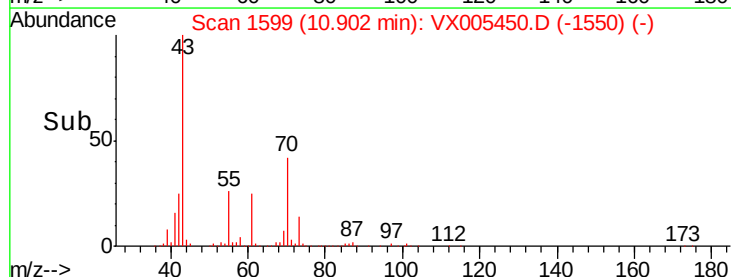
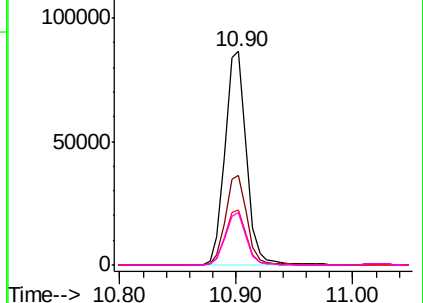


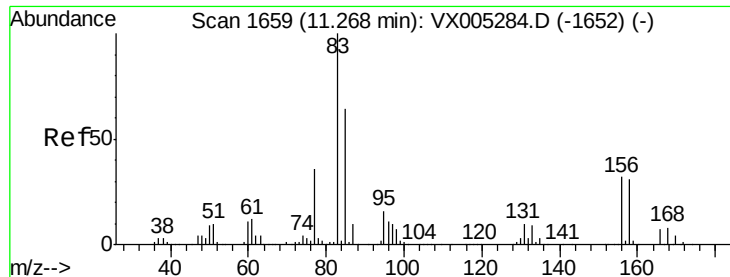
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.246 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

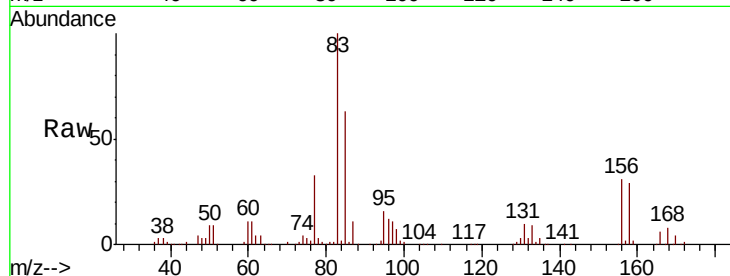
Tot Ion: 83 Resp: 83585

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

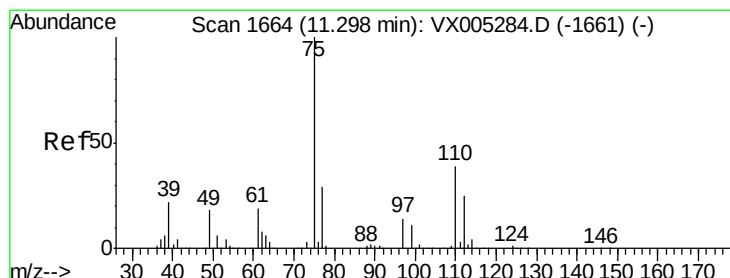
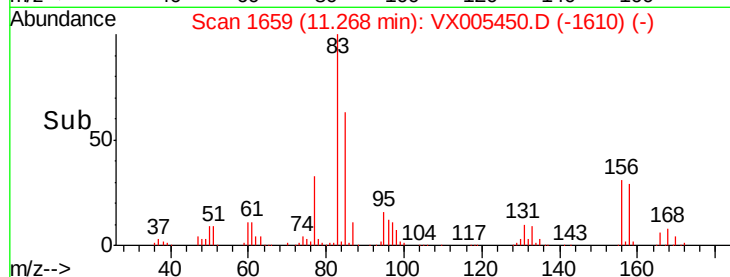
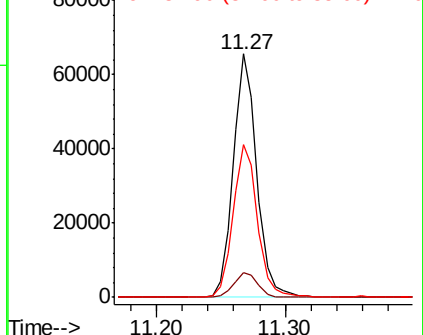
85 65.0 32.3 96.8



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: 21.210 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005450.D

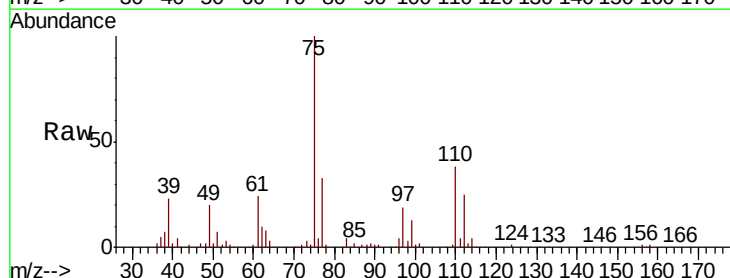
Acq: 19 Oct 2018 11:39

Tgt Ion: 75 Resp: 79674

Ion Ratio Lower Upper

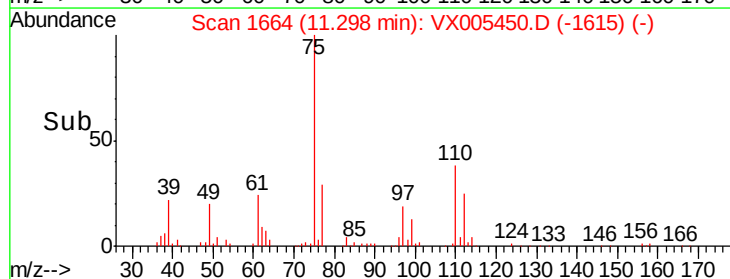
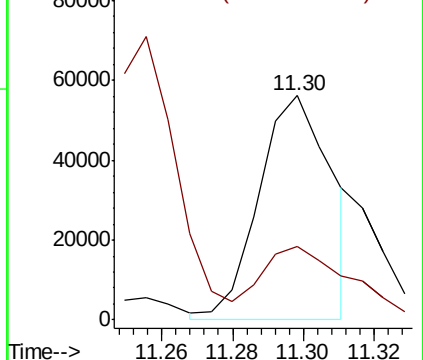
75 100

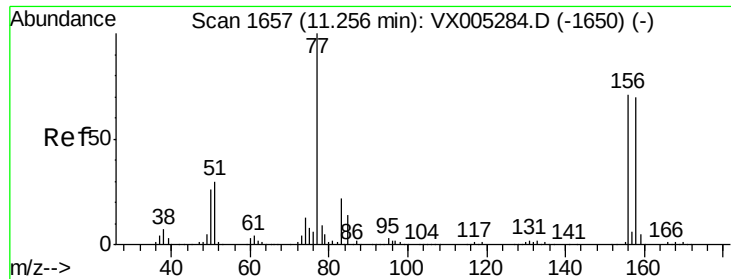
77 40.0 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.728 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

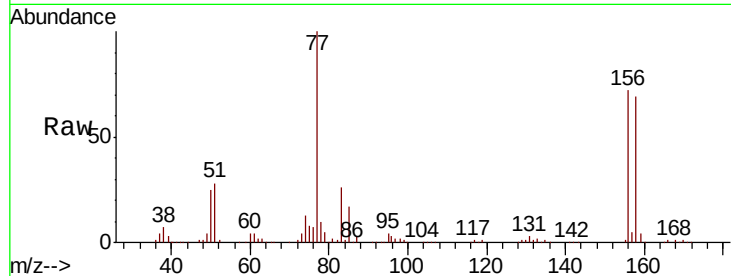
Tot Ion:156 Resp: 68230

Ion Ratio Lower Upper

156 100

77 139.1 71.5 214.3

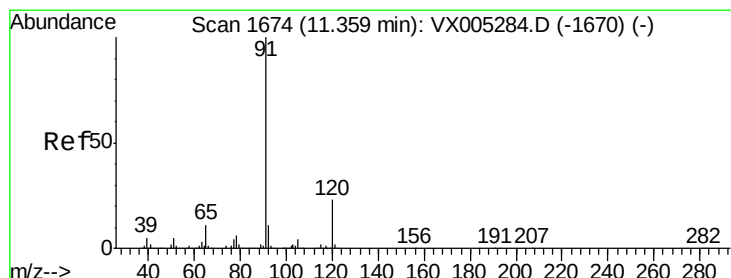
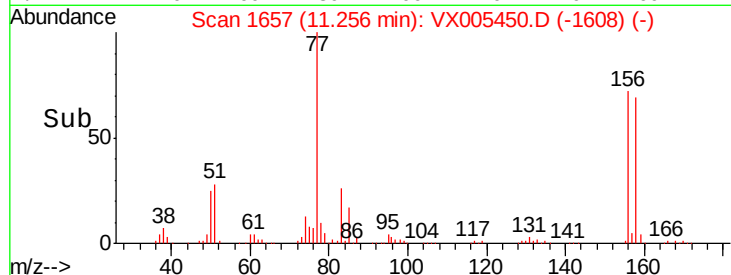
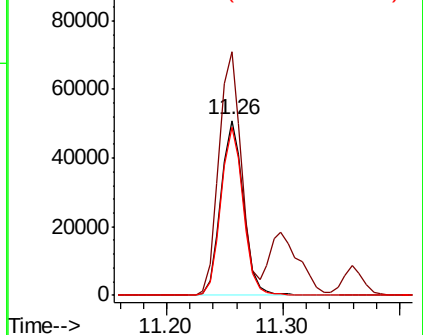
158 95.5 48.9 146.8



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: 20.902 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005450.D

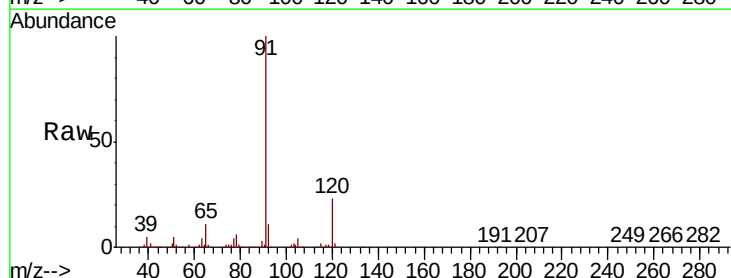
Acq: 19 Oct 2018 11:39

Tgt Ion: 91 Resp: 276914

Ion Ratio Lower Upper

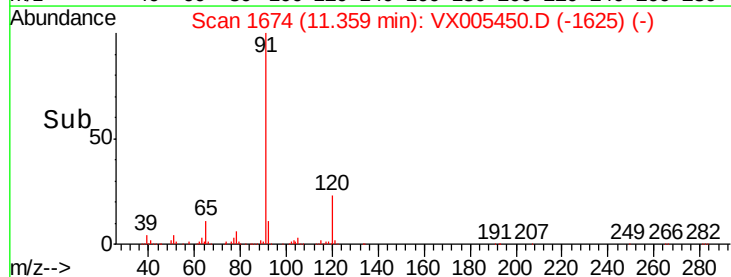
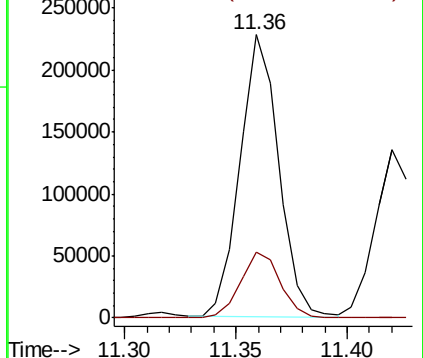
91 100

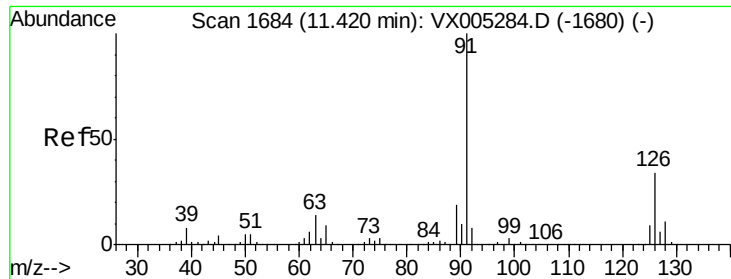
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

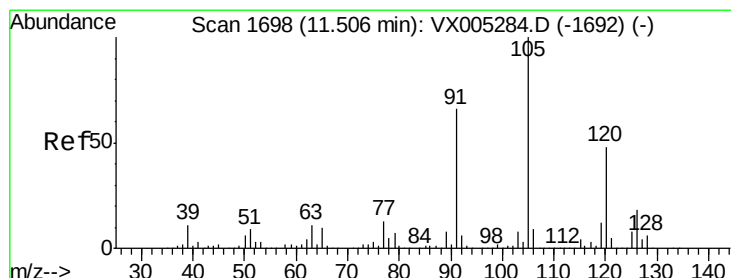
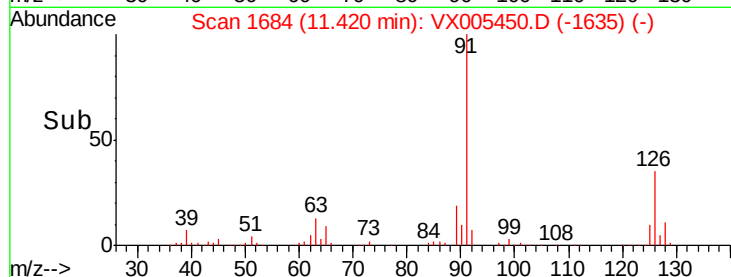
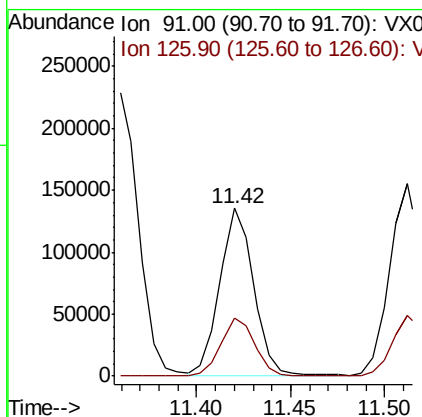
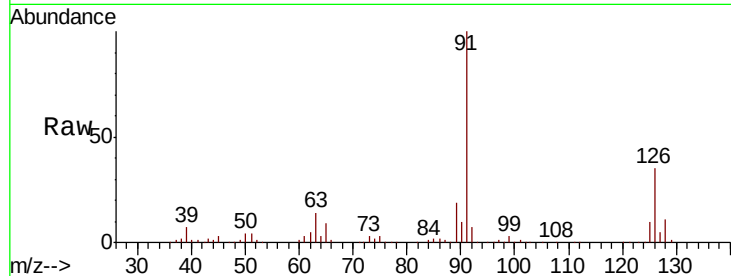




#79
 2-Chlorotoluene
 Concen: 20.568 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

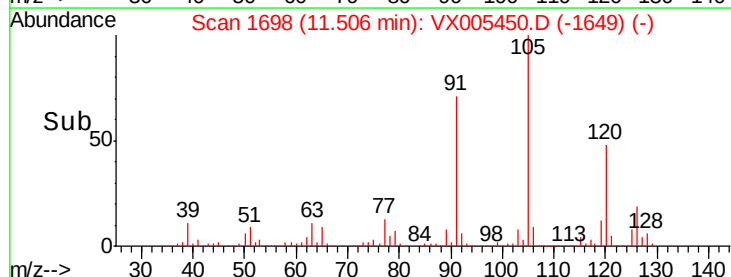
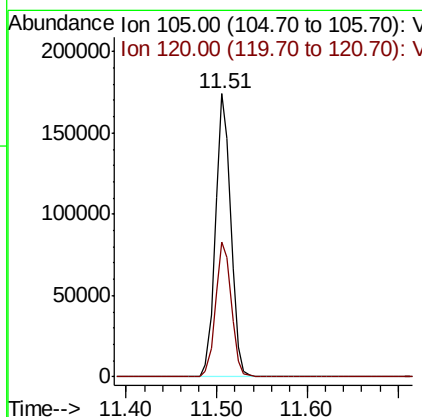
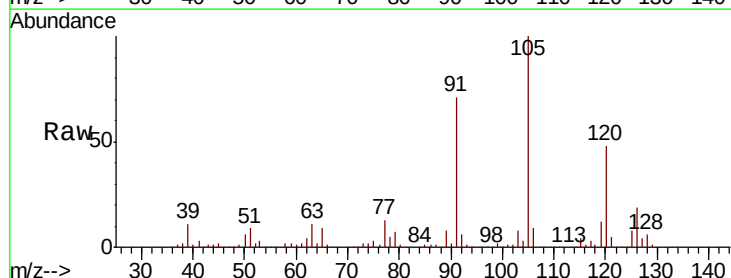
Instrument :
 MSVOA_X
 ClientSampled :
 VX1019WBS01

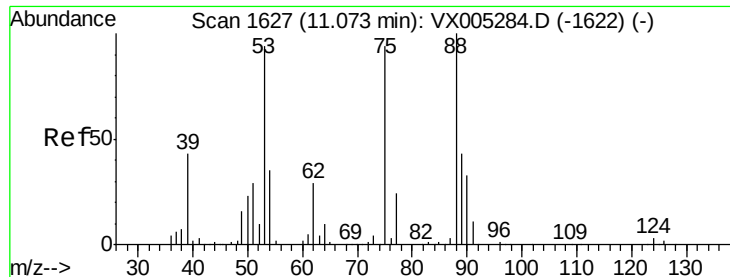
Tot Ion: 91 Resp: 166879
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.163 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion: 105 Resp: 208640
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.498 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

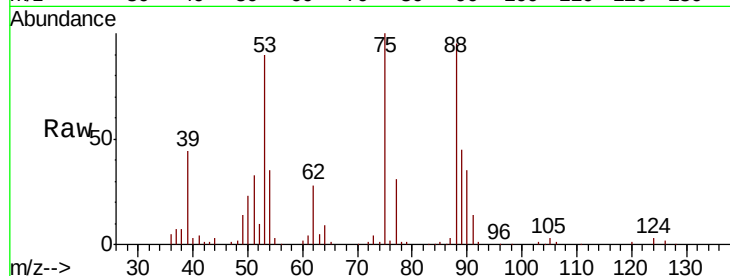
Tot Ion: 75 Resp: 24105

Ion Ratio Lower Upper

75 100

53 95.5 80.1 120.1

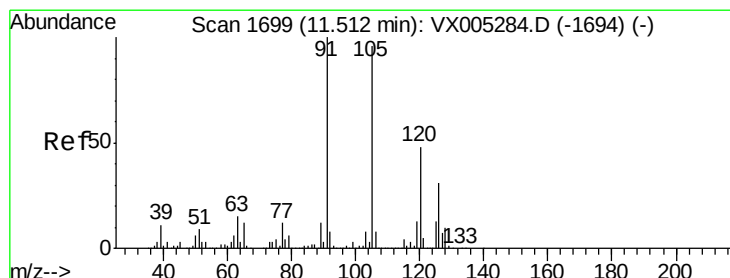
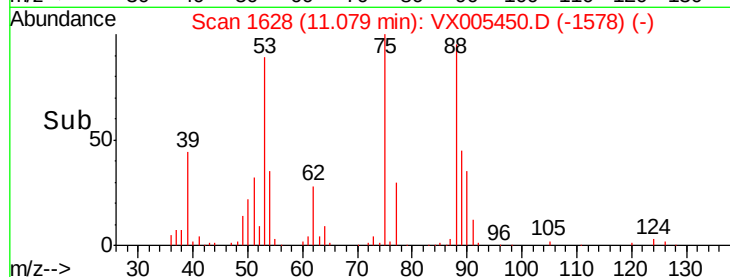
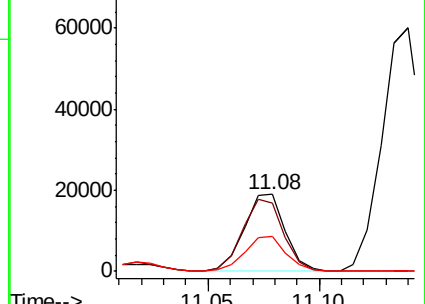
89 47.5 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.431 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005450.D

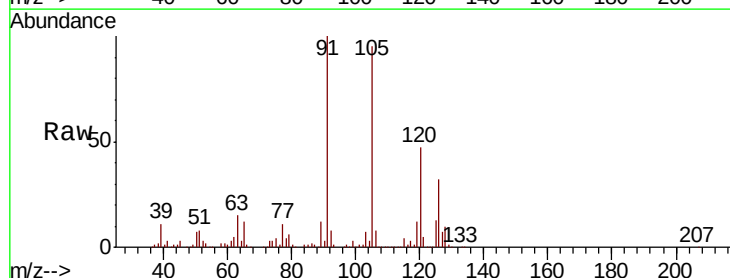
Acq: 19 Oct 2018 11:39

Tgt Ion: 91 Resp: 196506

Ion Ratio Lower Upper

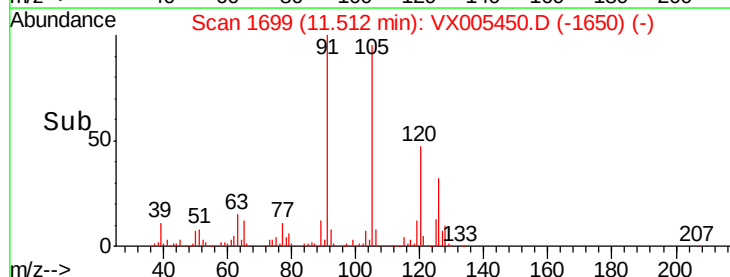
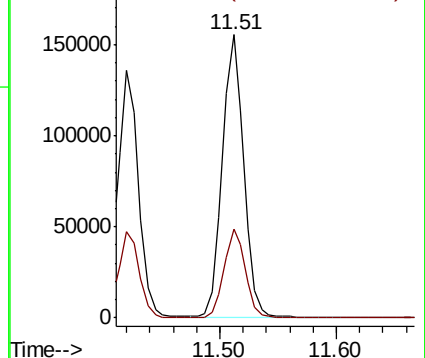
91 100

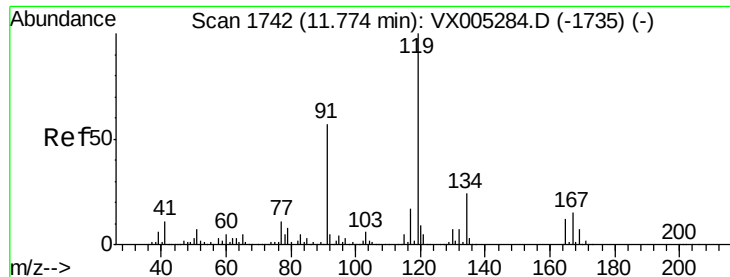
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

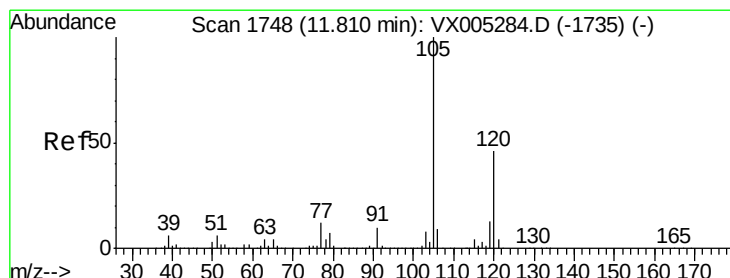
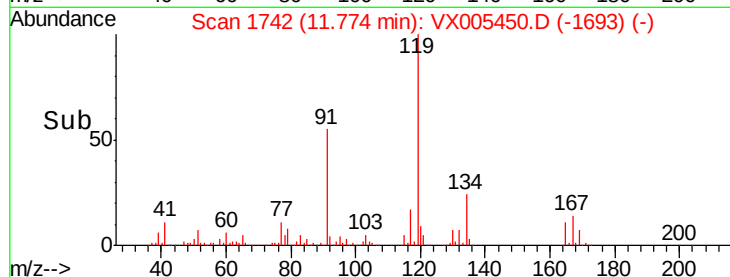
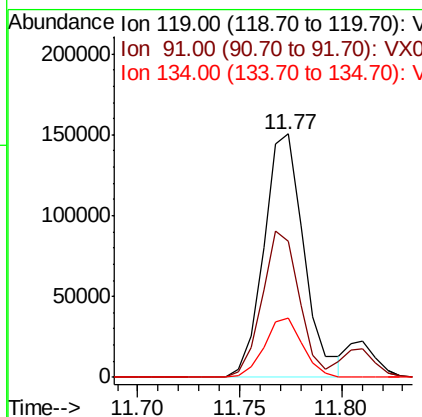
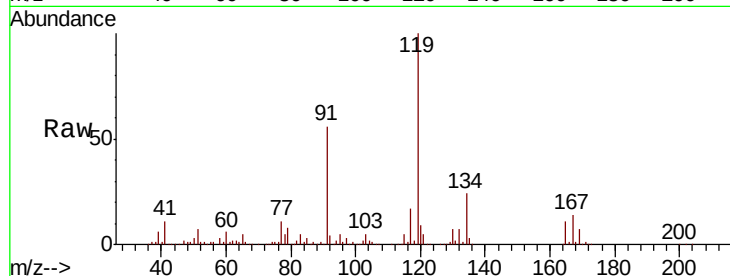




#83
 tert-Butylbenzene
 Concen: 20.664 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

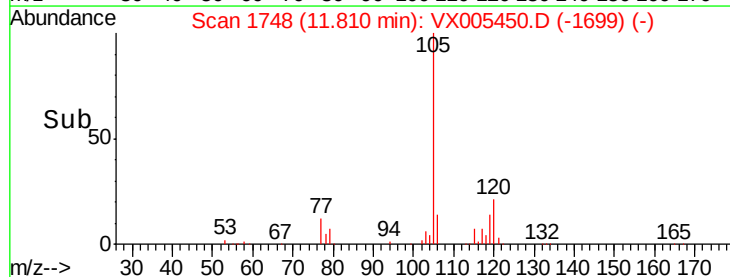
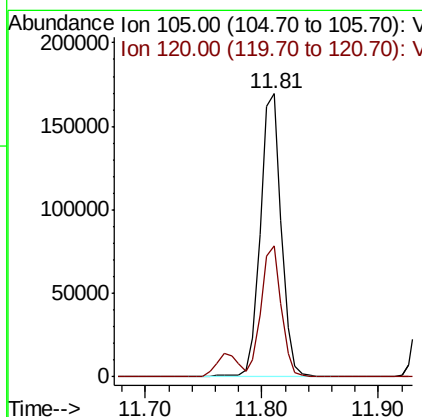
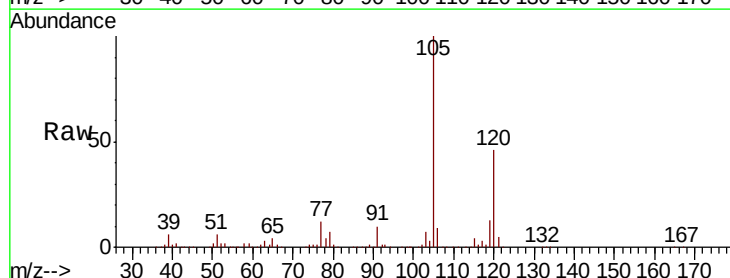
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

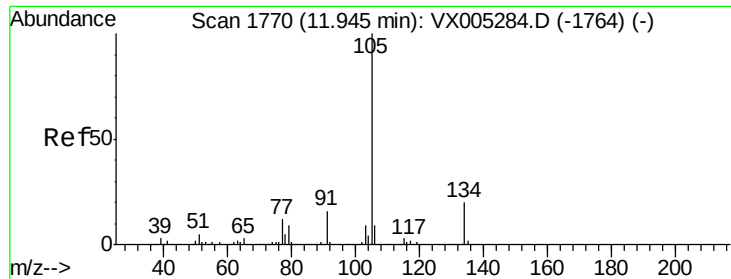
Tot Ion:119 Resp: 206294
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.0 81.0
 134 23.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.037 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion:105 Resp: 213430
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.919 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

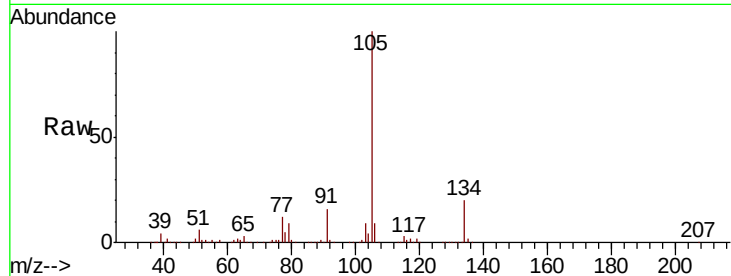
VX1019WBS01

Tot Ion:105 Resp: 247152

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

150000

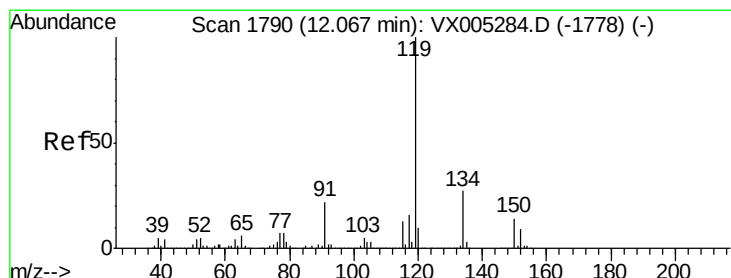
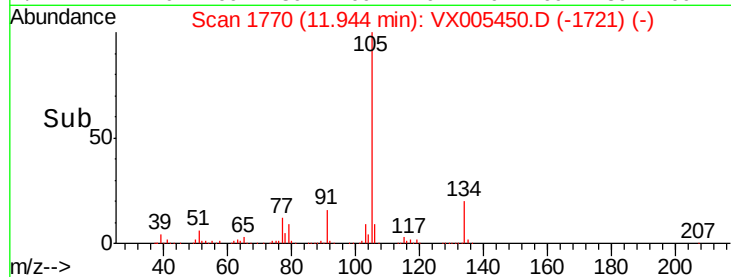
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 21.142 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

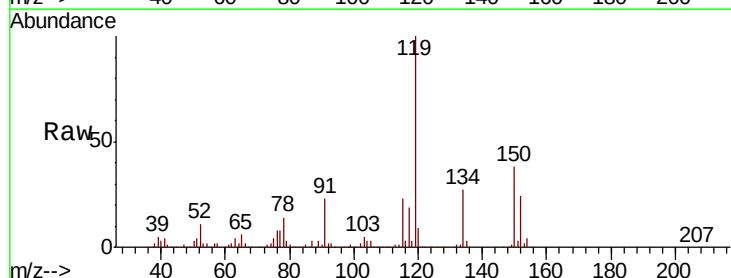
Tgt Ion:119 Resp: 225767

Ion Ratio Lower Upper

119 100

134 25.9 13.4 40.2

91 23.0 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

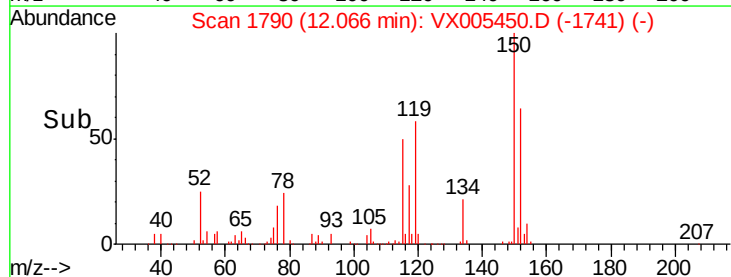
100000

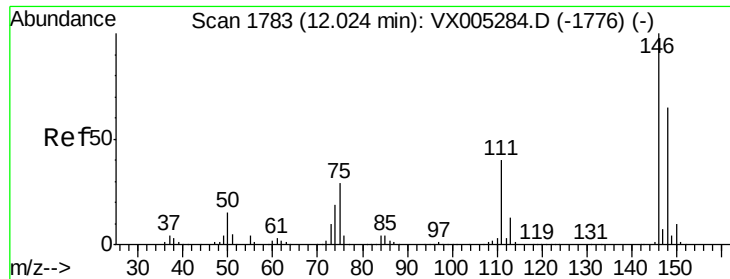
50000

0

Time-->

12.00 12.10 12.20

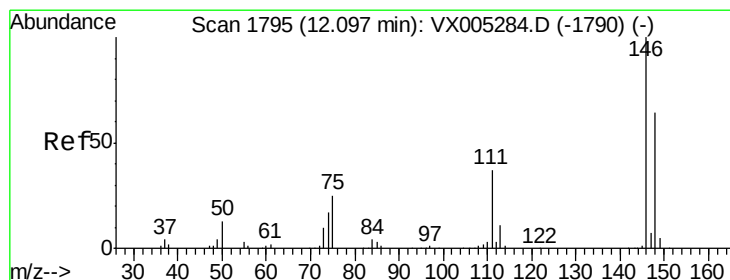
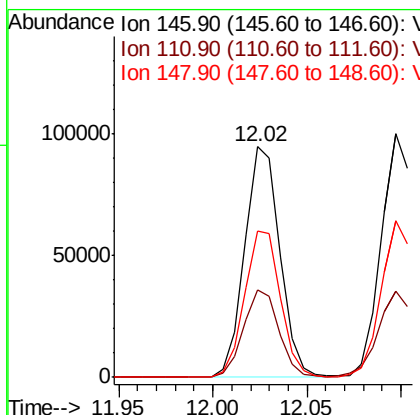
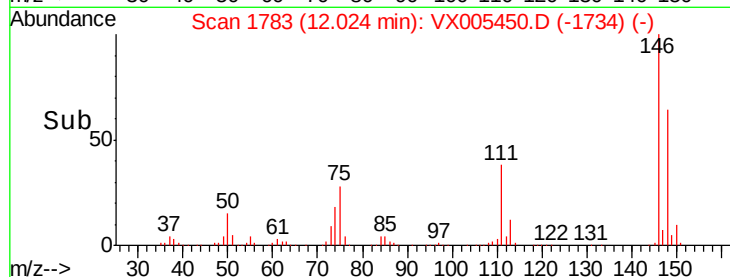
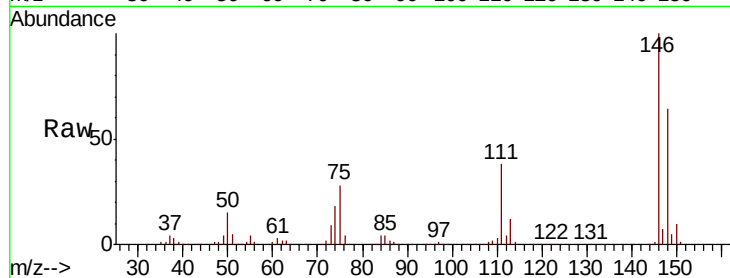




#87
 1,3-Dichlorobenzene
 Concen: 19.997 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

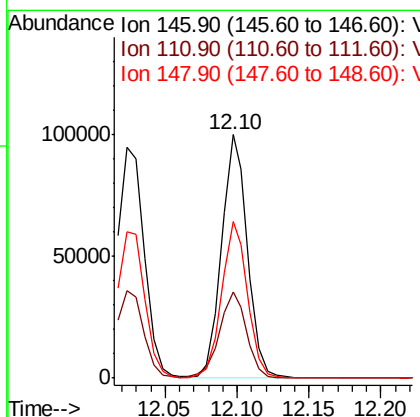
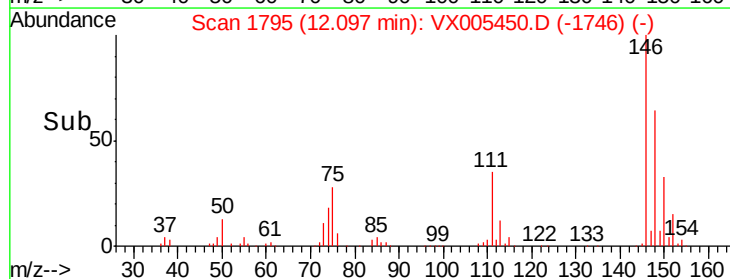
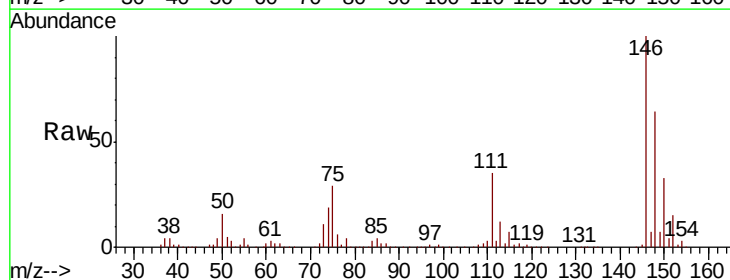
Instrument :
 MSVOA_X
 ClientSampled :
 VX1019WBS01

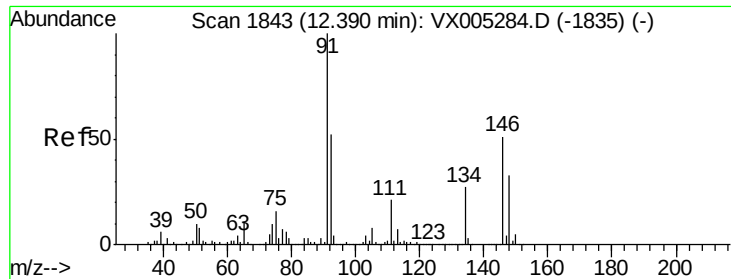
Tot Ion:146 Resp: 123003
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 64.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.013 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005450.D
 Acq: 19 Oct 2018 11:39

Tgt Ion:146 Resp: 125930
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 64.5 32.0 96.0

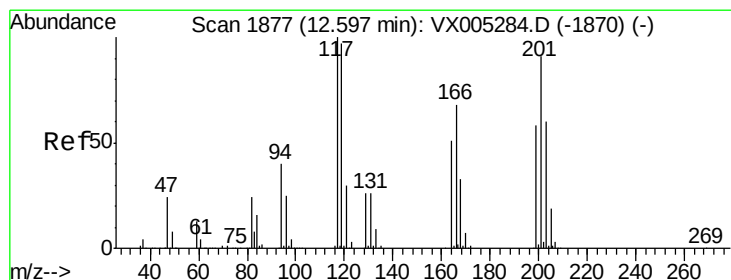
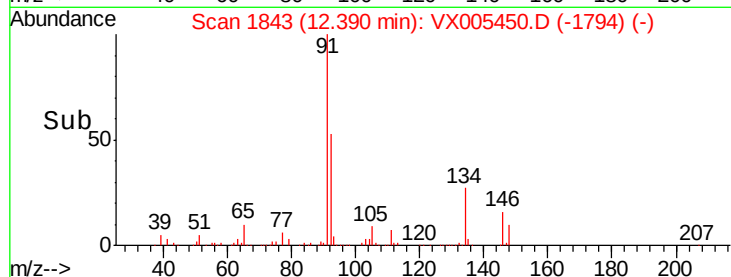
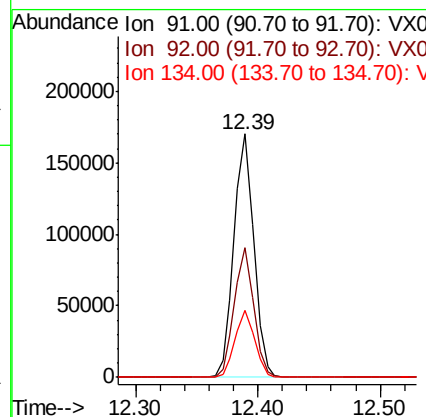
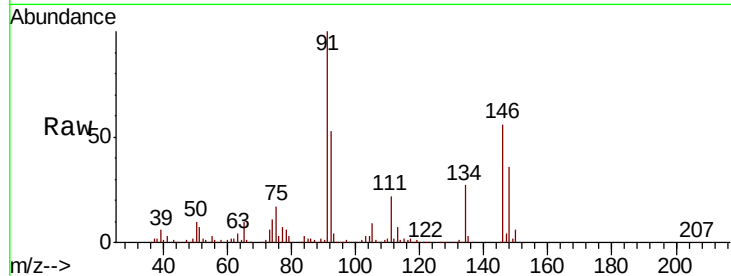




#89
n-Butylbenzene
Concen: 19.834 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

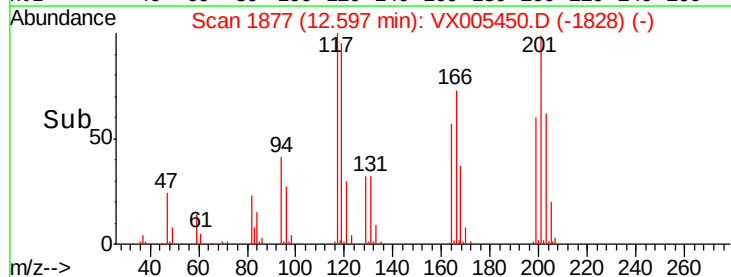
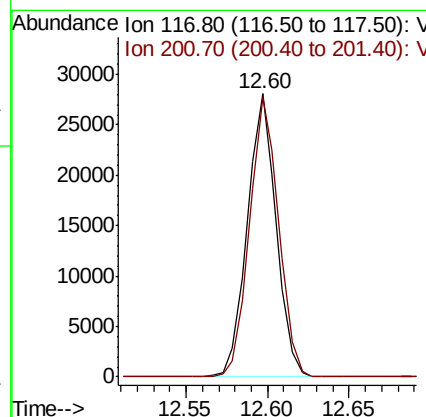
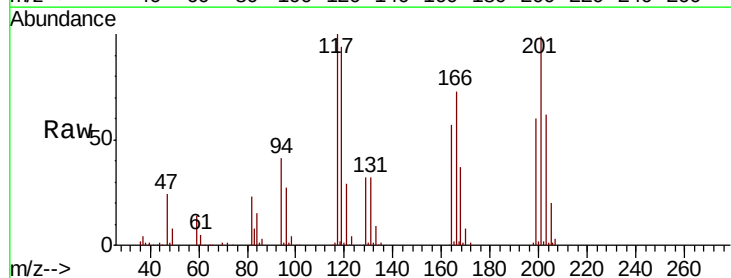
Instrument :
MSVOA_X
ClientSampled :
VX1019WBS01

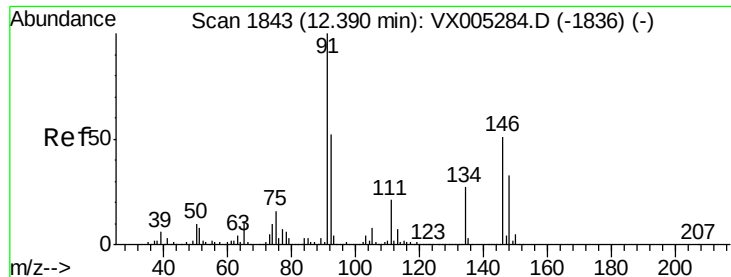
Tot Ion: 91 Resp: 192301
Ion Ratio Lower Upper
91 100
92 52.0 27.3 81.9
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 18.744 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion: 117 Resp: 34496
Ion Ratio Lower Upper
117 100
201 100.0 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 19.881 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

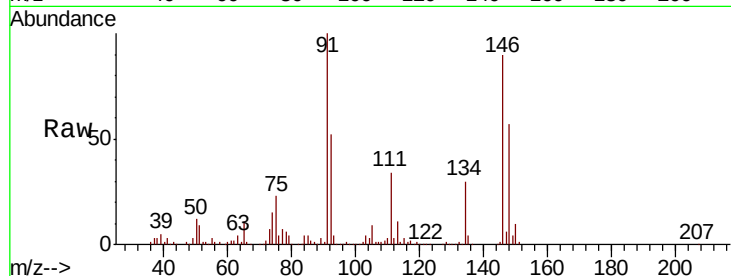
Tot Ion:146 Resp: 124793

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

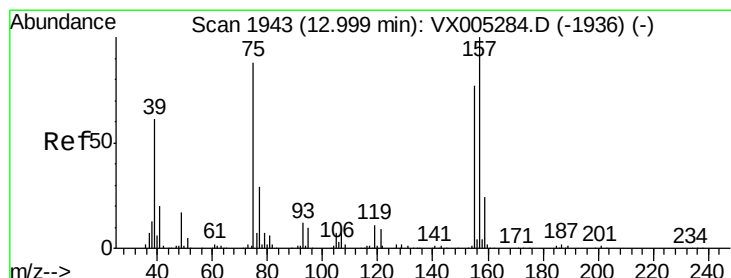
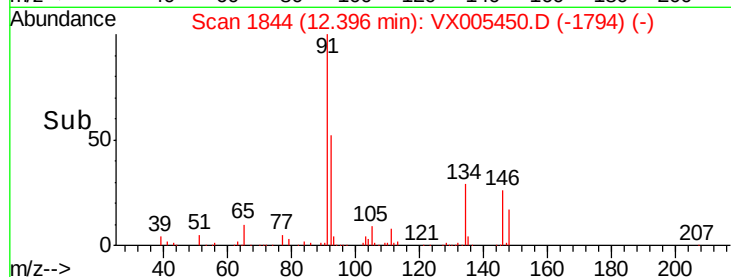
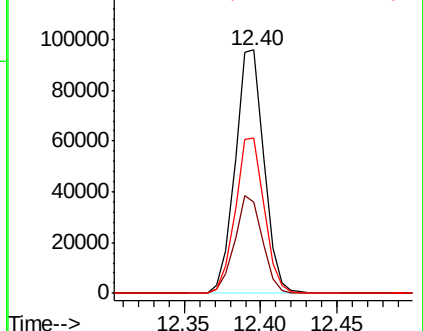
148 64.1 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.016 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

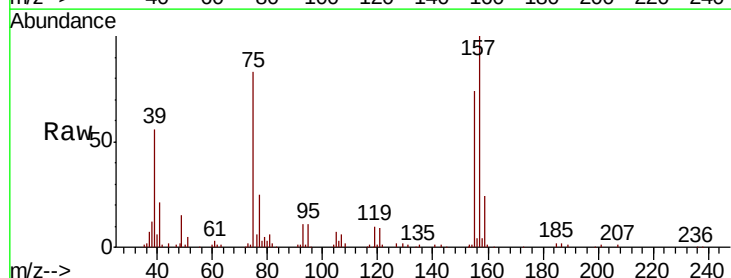
Tgt Ion: 75 Resp: 20145

Ion Ratio Lower Upper

75 100

155 93.9 48.0 144.2

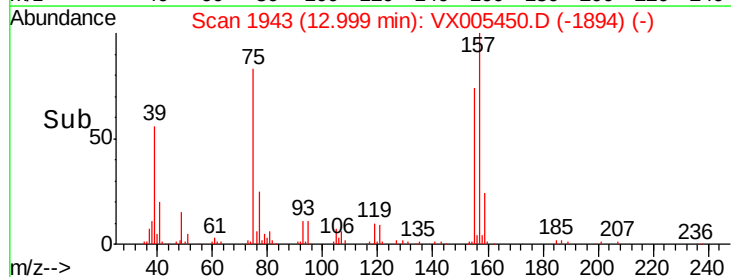
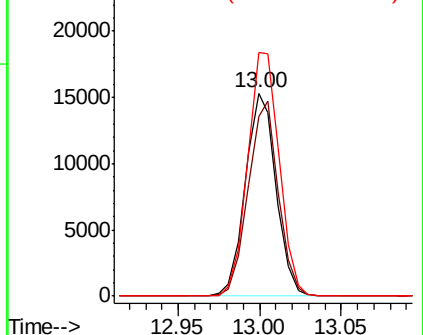
157 123.4 61.4 184.1

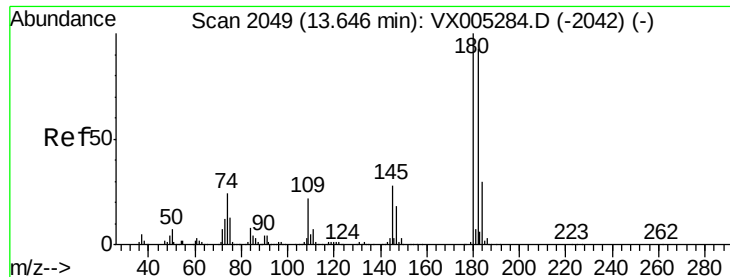


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.484 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

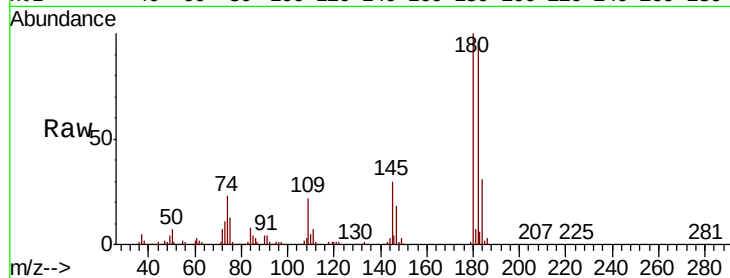
Tot Ion:180 Resp: 94332

Ion Ratio Lower Upper

180 100

182 94.3 48.4 145.0

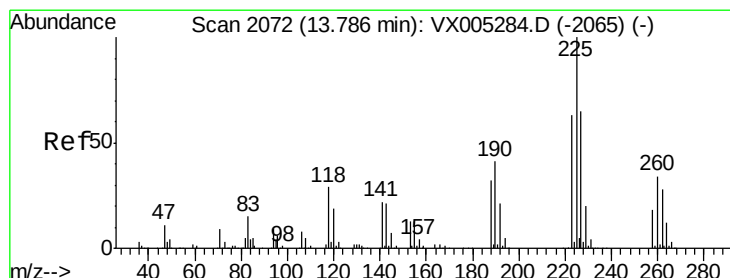
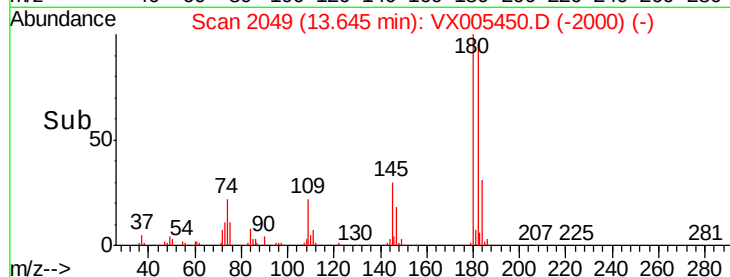
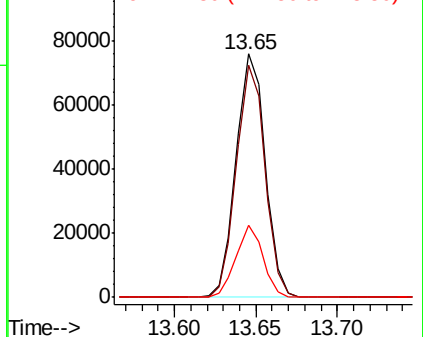
145 27.7 14.3 42.9



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: 20.041 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005450.D

Acq: 19 Oct 2018 11:39

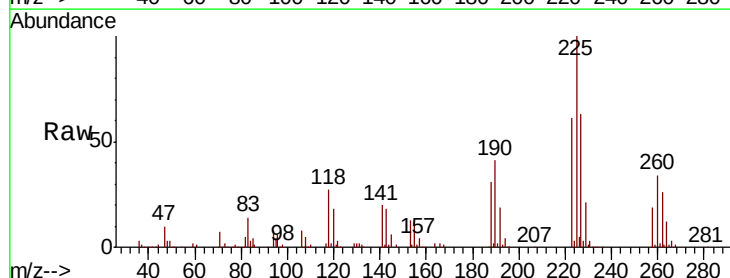
Tgt Ion:225 Resp: 48745

Ion Ratio Lower Upper

225 100

223 62.5 30.1 90.5

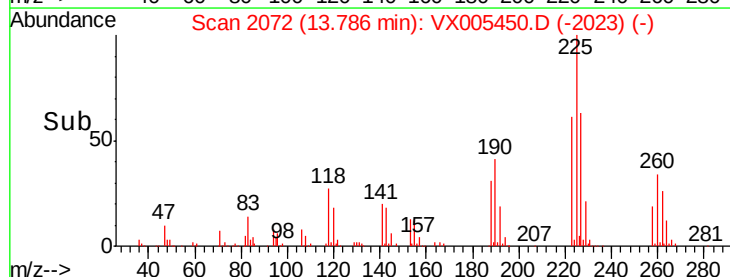
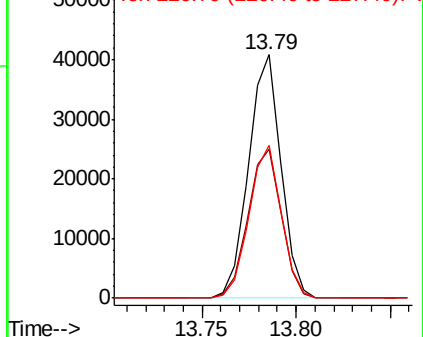
227 62.5 30.8 92.4

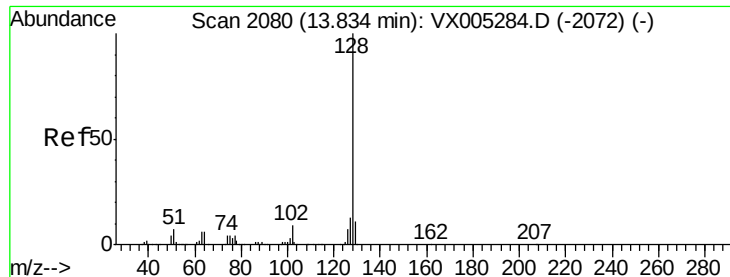


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

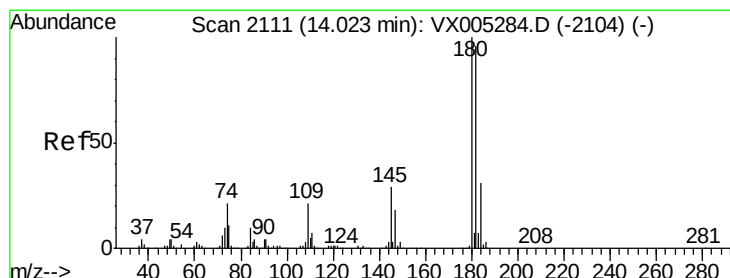
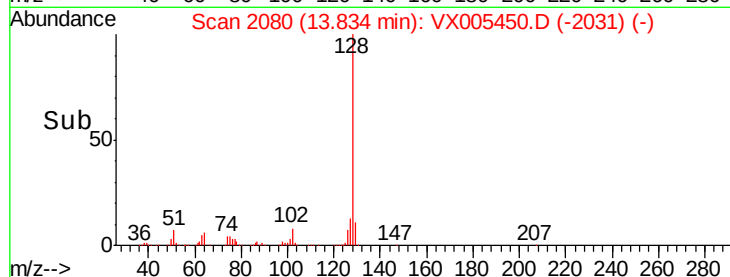
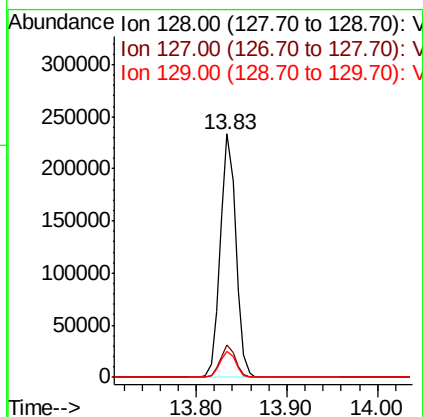
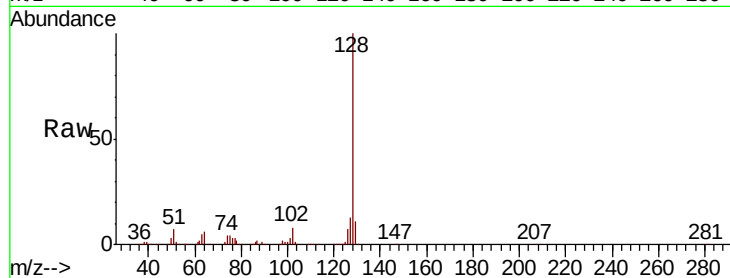




#95
Naphthalene
Concen: 21.048 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion:128 Resp: 281112
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.560 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005450.D
Acq: 19 Oct 2018 11:39

Tgt Ion:180 Resp: 96878
Ion Ratio Lower Upper
180 100
182 96.8 48.5 145.6
145 28.9 14.9 44.9

