

Data File : VX001560.D

Acq On : 09 May 2018 17:32

Operator : JC/MD

Sample : VX0509WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

Quant Time: May 10 04:15:51 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157564	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	5.51	113	127409	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	8.72	98	451855	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
62) 4-Bromofluorobenzene	11.15	95	167998	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60174	19.29	ug/l	98
3) Chloromethane	1.32	50	58594	19.29	ug/l	98
4) Vinyl Chloride	1.40	62	61119	19.28	ug/l	97
5) Bromomethane	1.64	94	37288	23.90	ug/l	99
6) Chloroethane	1.72	64	41364	19.74	ug/l	99
7) Trichlorofluoromethane	1.93	101	97367	20.41	ug/l	100
8) Diethyl Ether	2.19	74	37260	19.92	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56392	20.16	ug/l	99
10) Methyl Iodide	2.51	142	72437	17.95	ug/l	98
11) Tert butyl alcohol	3.08	59	74294	105.80	ug/l	98
12) 1,1-Dichloroethene	2.37	96	50168	19.57	ug/l	97
13) Acrolein	2.30	56	12810	84.83	ug/l	98
14) Allyl chloride	2.73	41	97083	20.31	ug/l	99
15) Acrylonitrile	3.15	53	166681	105.04	ug/l	99
16) Acetone	2.45	43	170533	112.76	ug/l	99
17) Carbon Disulfide	2.57	76	115878	17.76	ug/l	100
18) Methyl Acetate	2.78	43	89063	22.42	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	184911	20.71	ug/l	99
20) Methylene Chloride	2.86	84	60274	20.13	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	54702	19.12	ug/l	99
22) Diisopropyl ether	3.88	45	173605	19.44	ug/l	99
23) Vinyl Acetate	3.83	43	722944	97.12	ug/l	99
24) 1,1-Dichloroethane	3.70	63	103218	20.69	ug/l	100
25) 2-Butanone	4.72	43	229702	105.07	ug/l	100
26) 2,2-Dichloropropane	4.59	77	77660	20.15	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60153	19.74	ug/l	100
28) Bromochloromethane	5.03	49	45967	21.25	ug/l	97
29) Tetrahydrofuran	5.18	42	139891	100.01	ug/l	99
30) Chloroform	5.22	83	105496	20.53	ug/l	98
31) Cyclohexane	5.57	56	81762	19.08	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	92591	20.61	ug/l	100
36) 1,1-Dichloropropene	5.80	75	73121	19.17	ug/l	99
37) Ethyl Acetate	4.87	43	84875	20.30	ug/l	100
38) Carbon Tetrachloride	5.79	117	81015	19.92	ug/l	97

Data File : VX001560.D

Acq On : 09 May 2018 17:32

Operator : JC/MD

Sample : VX0509WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

Quant Time: May 10 04:15:51 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82976	18.40	ug/l	99
40) Benzene	6.15	78	222244	19.95	ug/l	99
41) Methacrylonitrile	5.07	41	47759	19.97	ug/l	98
42) 1,2-Dichloroethane	6.21	62	88246	20.61	ug/l	99
43) Isopropyl Acetate	6.48	43	129037	20.11	ug/l	100
44) Trichloroethene	7.22	130	66717	19.59	ug/l	99
45) 1,2-Dichloropropane	7.52	63	54559	19.64	ug/l	97
46) Dibromomethane	7.67	93	39612	20.15	ug/l	98
47) Bromodichloromethane	7.91	83	73341	20.16	ug/l	100
48) Methyl methacrylate	7.79	41	69042	19.76	ug/l	99
49) 1,4-Dioxane	7.77	88	31056	411.32	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	447448	104.91	ug/l	98
52) Toluene	8.79	92	145401	19.96	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	83030	20.19	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	73443	18.76	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	59338	20.22	ug/l	97
56) Ethyl methacrylate	9.19	69	81930	19.37	ug/l	99
57) 1,3-Dichloropropane	9.38	76	97547	20.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	225664	108.76	ug/l	99
59) 2-Hexanone	9.51	43	341957	104.71	ug/l	99
60) Dibromochloromethane	9.59	129	58069	19.32	ug/l	97
61) 1,2-Dibromoethane	9.68	107	62038	20.13	ug/l	100
64) Tetrachloroethene	9.34	164	79982	20.45	ug/l	98
65) Chlorobenzene	10.15	112	164567	20.00	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	61179	20.79	ug/l	99
67) Ethyl Benzene	10.26	91	266541	19.76	ug/l	100
68) m/p-Xylenes	10.37	106	216567	40.64	ug/l	99
69) o-Xylene	10.71	106	103085	19.90	ug/l	98
70) Styrene	10.72	104	170024	20.21	ug/l	99
71) Bromoform	10.87	173	45770	18.58	ug/l #	100
73) Isopropylbenzene	11.02	105	280288	20.23	ug/l	100
74) N-amyl acetate	6.48	43	129037	20.51	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	85411	20.88	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	98382	24.24	ug/l	88
77) Bromobenzene	11.26	156	78972	19.61	ug/l	98
78) n-propylbenzene	11.37	91	308521	20.45	ug/l	99
79) 2-Chlorotoluene	11.43	91	185861	20.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	232498	20.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20173	18.78	ug/l	92
82) 4-Chlorotoluene	11.52	91	216841	20.25	ug/l	100
83) tert-Butylbenzene	11.77	119	230834	20.12	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	241812	20.40	ug/l	99
85) sec-Butylbenzene	11.95	105	280877	20.39	ug/l	99
86) p-Isopropyltoluene	12.07	119	257372	20.37	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	141096	19.60	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	144503	19.68	ug/l	99
89) n-Butylbenzene	12.40	91	202528	19.34	ug/l	99
90) Hexachloroethane	12.60	117	36837	19.36	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	144389	19.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18746	20.85	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050918\
Quantitation Report (Not Reviewed)

Data File : VX001560.D
Acq On : 09 May 2018 17:32
Operator : JC/MD
Sample : VX0509WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

Quant Time: May 10 04:15:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

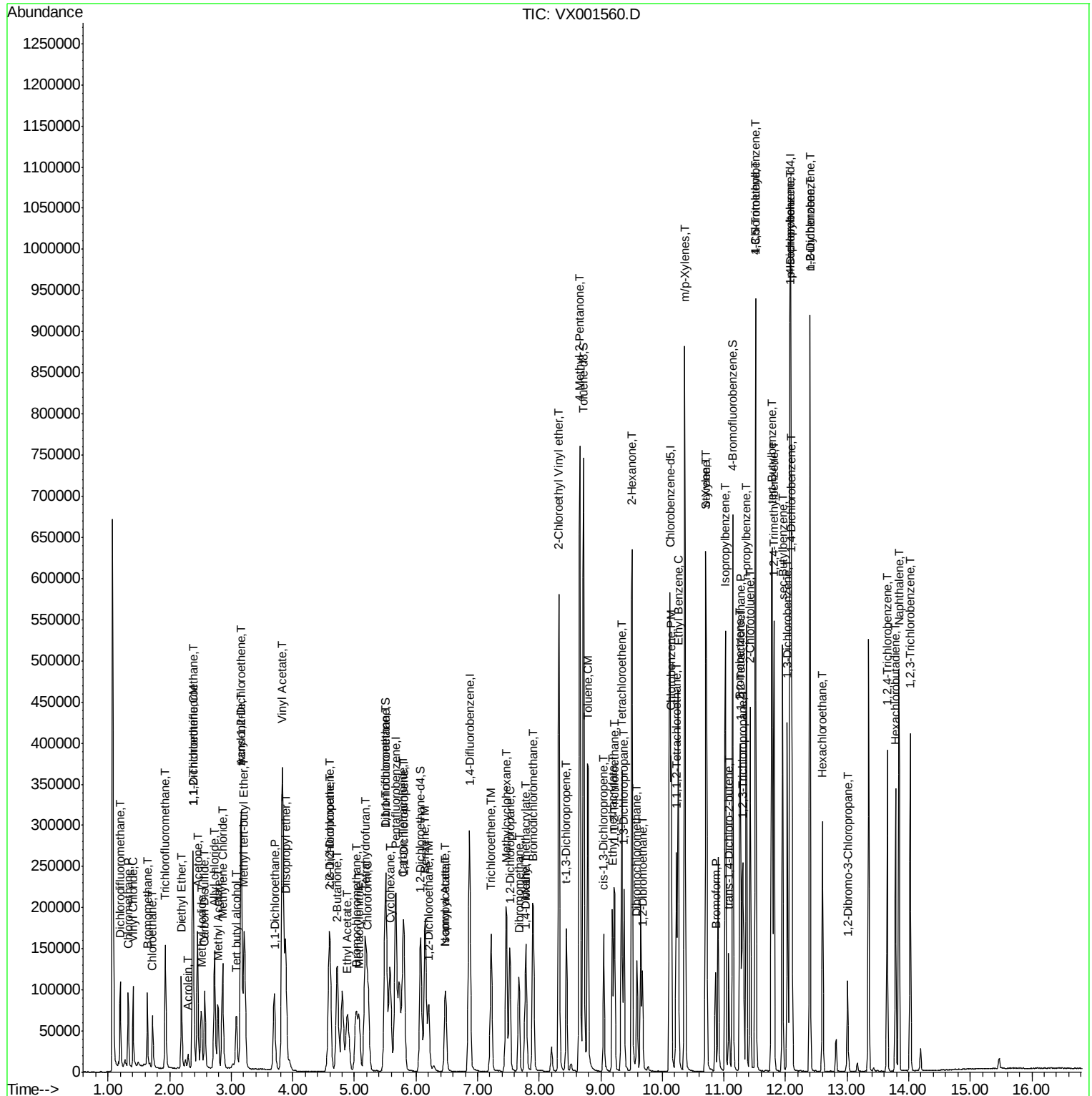
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102370	19.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	55786	19.02	ug/l	99
95) Naphthalene	13.84	128	299295	20.19	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109312	19.88	ug/l	99

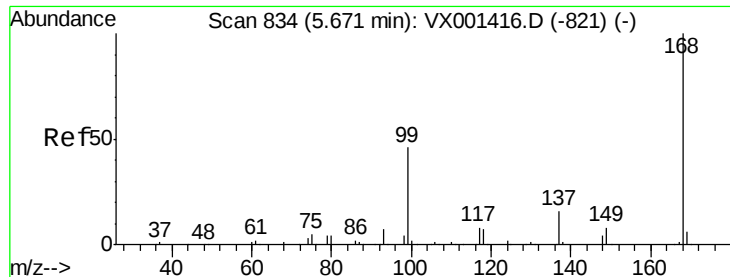
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 9 Sample Multiplier: 1

VX0509WBSD01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

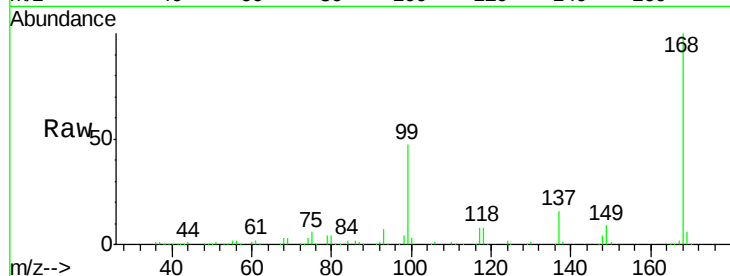
VX0509WBSD01

Tgt Ion:168 Resp: 231719

Ion Ratio Lower Upper

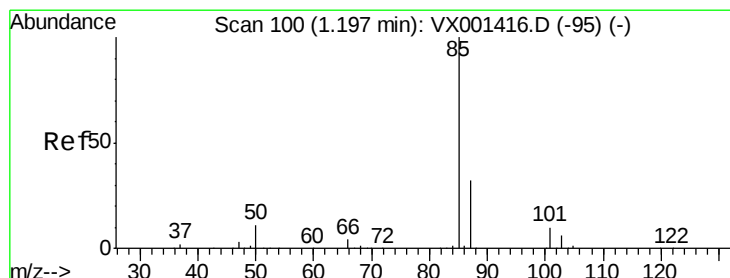
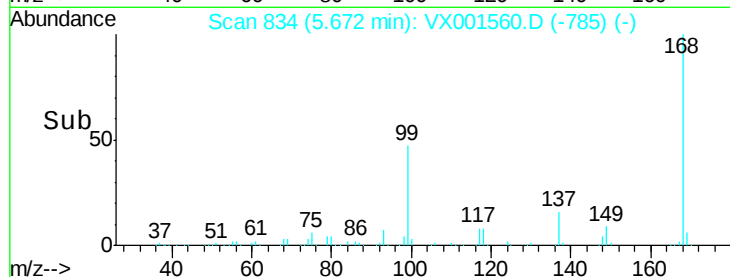
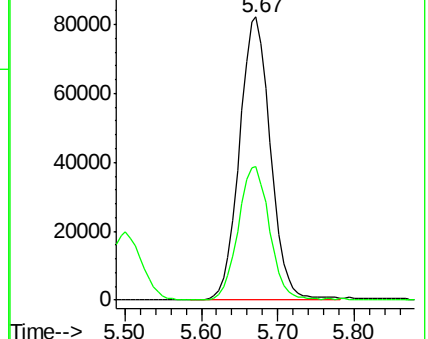
168 100

99 46.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.29 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001560.D

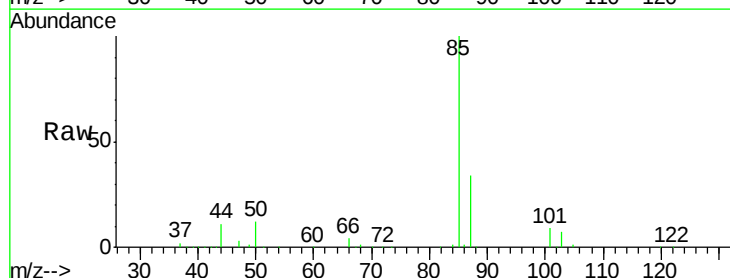
Acq: 09 May 2018 17:32

Tgt Ion: 85 Resp: 60174

Ion Ratio Lower Upper

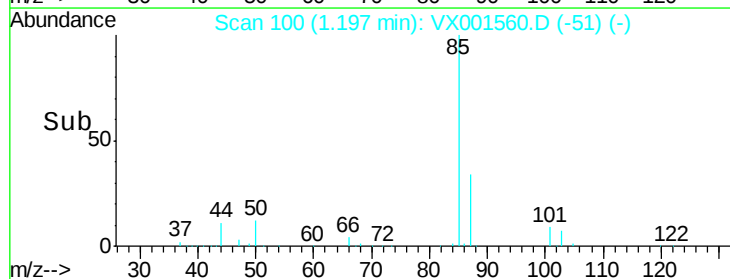
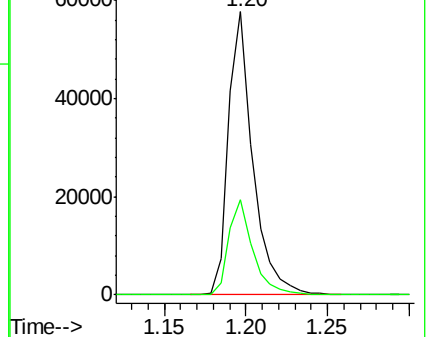
85 100

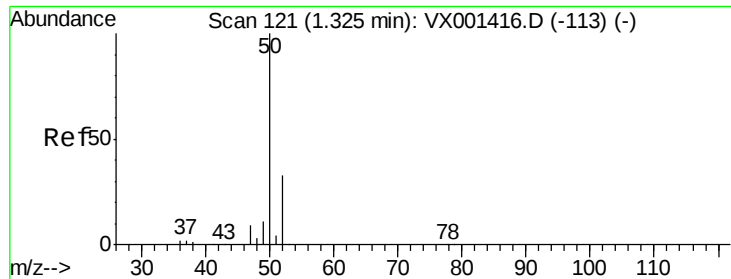
87 33.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

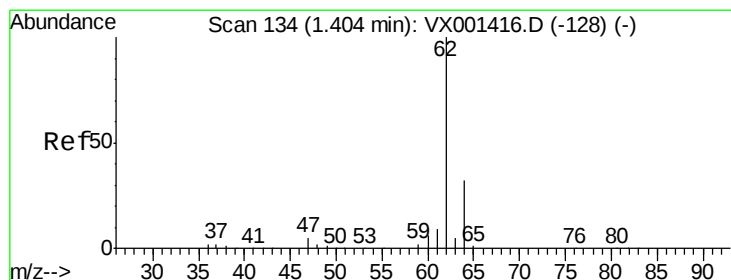
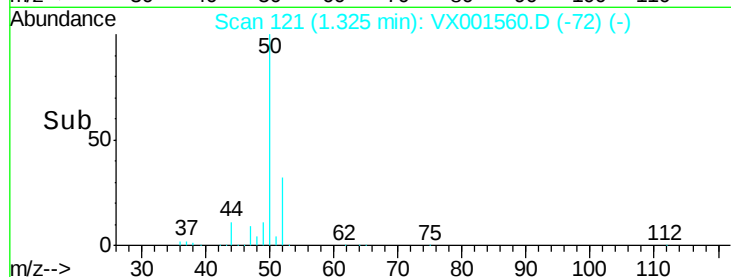
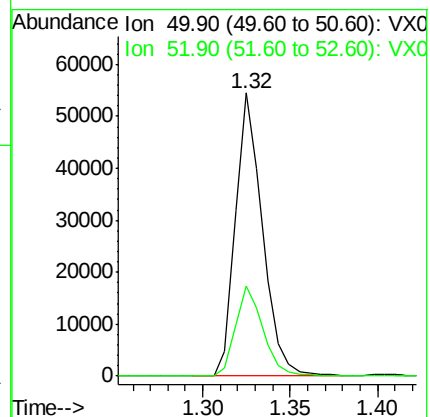
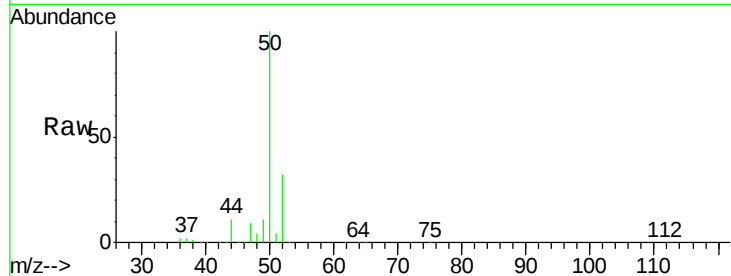
VX0509WBSD01

Tgt Ion: 50 Resp: 58594

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.4



#4

Vinyl Chloride

Concen: 19.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001560.D

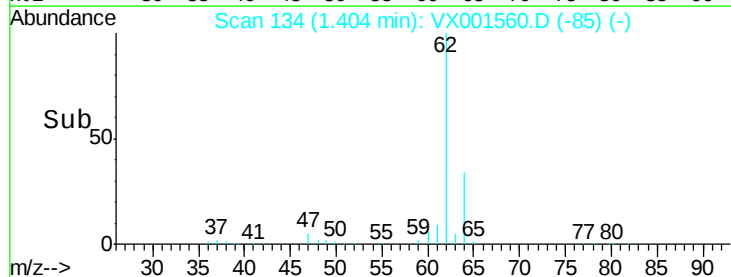
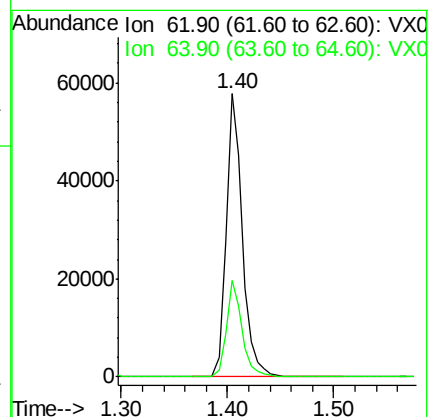
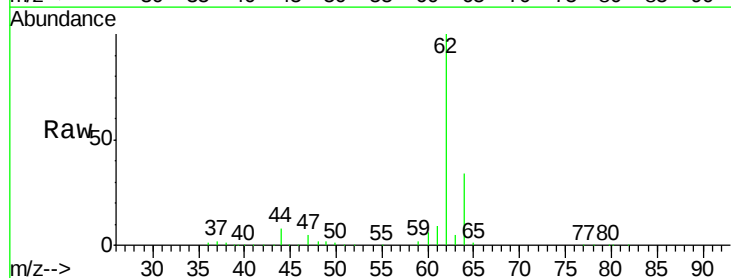
Acq: 09 May 2018 17:32

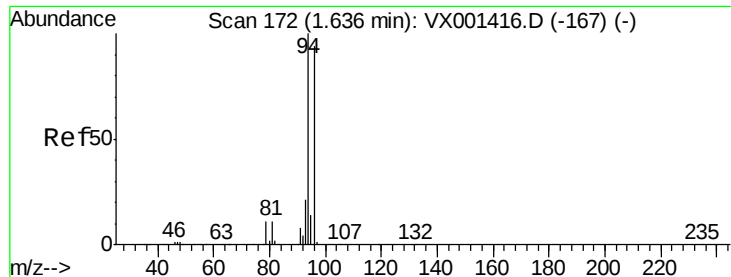
Tgt Ion: 62 Resp: 61119

Ion Ratio Lower Upper

62 100

64 33.9 25.8 38.6





#5

Bromomethane

Concen: 23.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

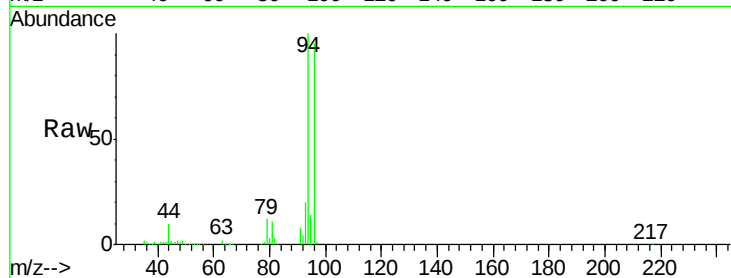
VX0509WBSD01

Tgt Ion: 94 Resp: 37288

Ion Ratio Lower Upper

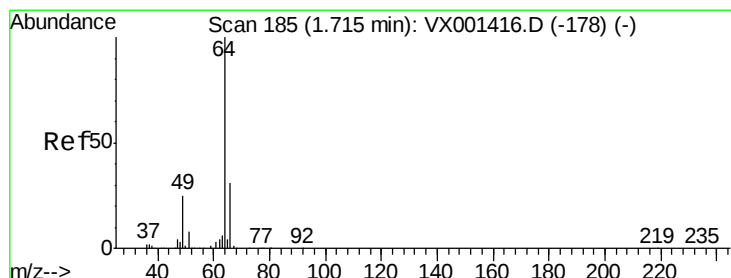
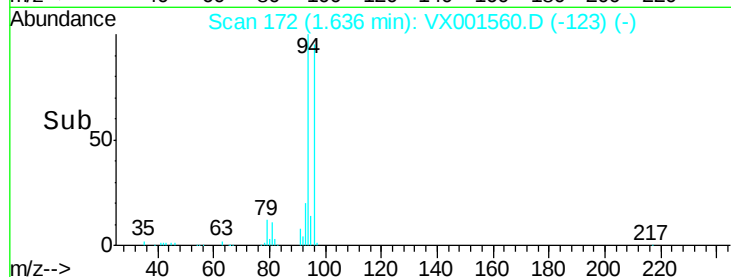
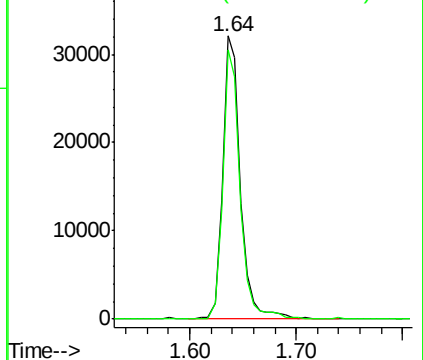
94 100

96 95.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.74 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001560.D

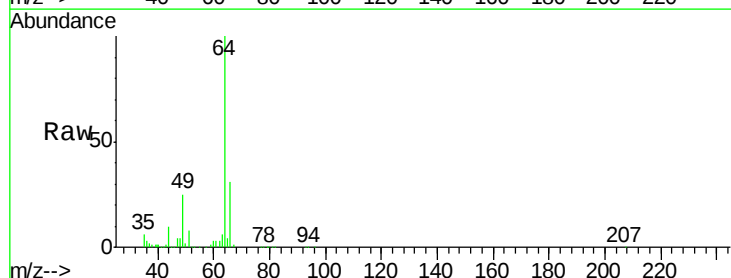
Acq: 09 May 2018 17:32

Tgt Ion: 64 Resp: 41364

Ion Ratio Lower Upper

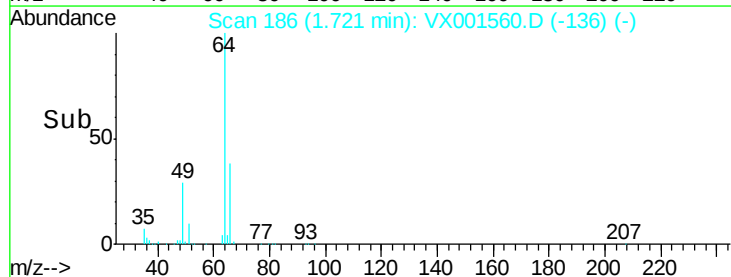
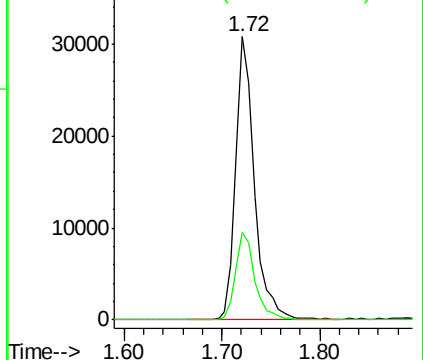
64 100

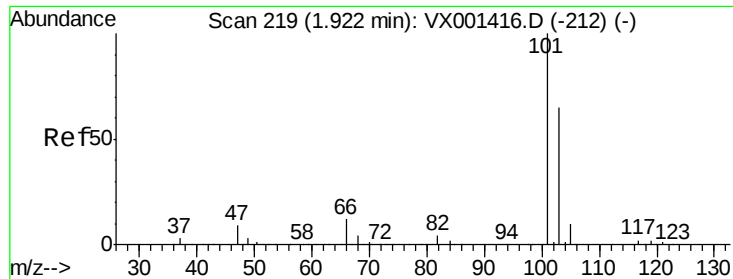
66 30.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.41 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

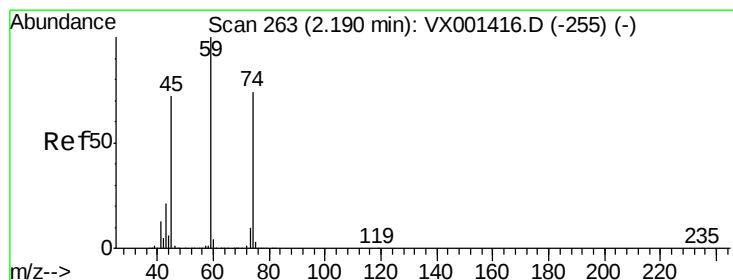
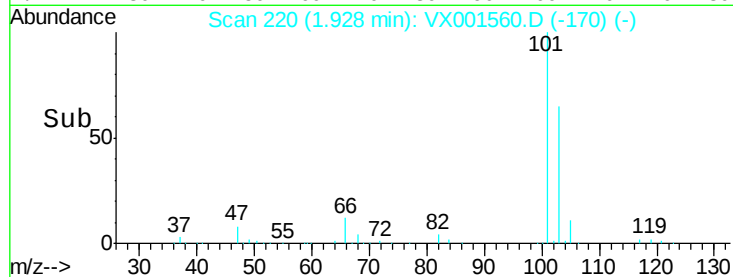
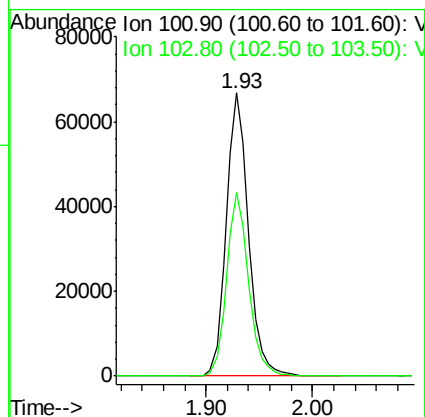
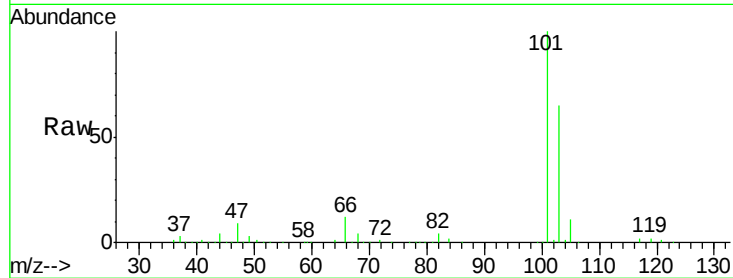
VX0509WBSD01

Tgt Ion:101 Resp: 97367

Ion Ratio Lower Upper

101 100

103 65.0 52.0 78.0



#8

Diethyl Ether

Concen: 19.92 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001560.D

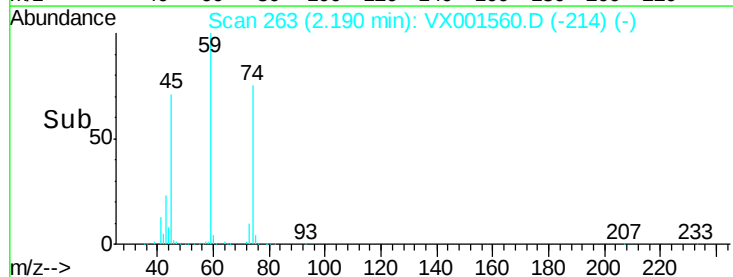
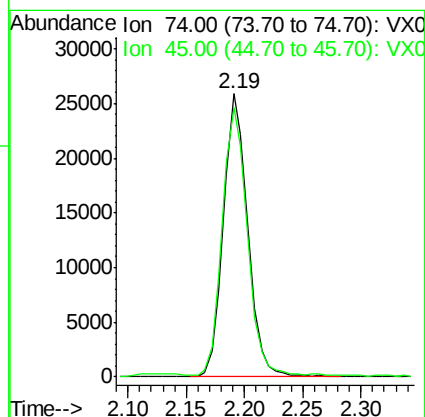
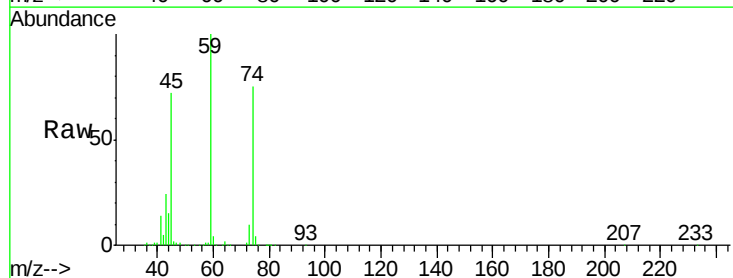
Acq: 09 May 2018 17:32

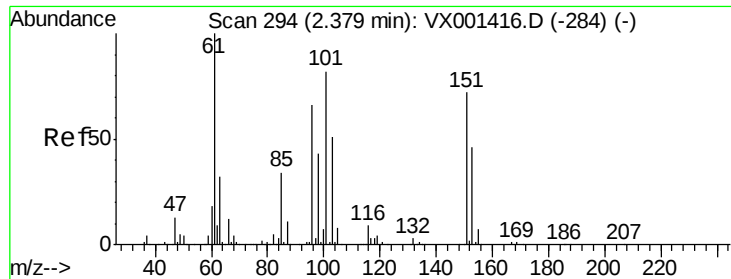
Tgt Ion: 74 Resp: 37260

Ion Ratio Lower Upper

74 100

45 96.1 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.16 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

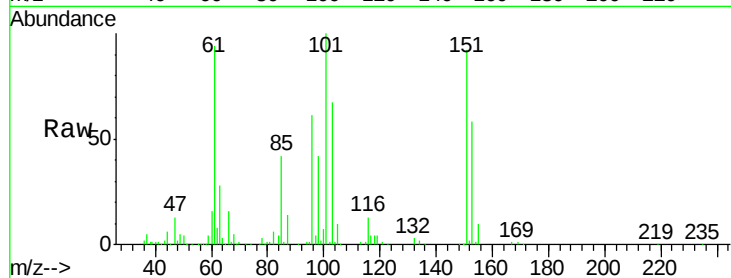
Tgt Ion:101 Resp: 56392

Ion Ratio Lower Upper

101 100

85 43.1 33.7 50.5

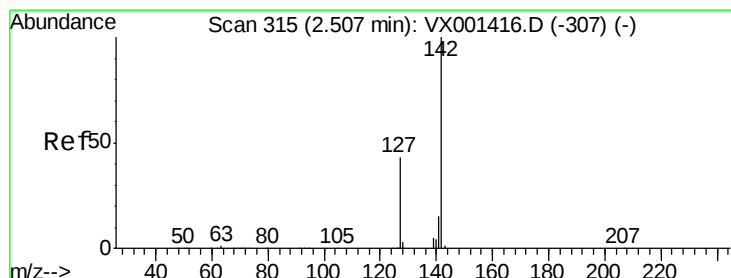
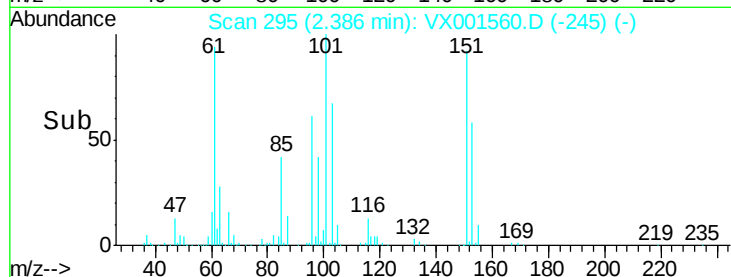
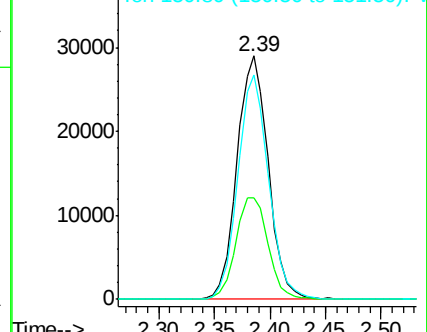
151 90.9 72.3 108.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.95 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

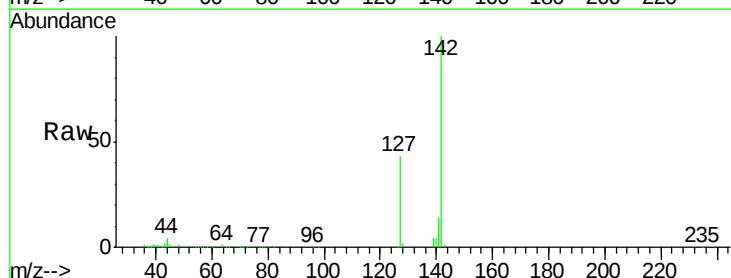
Tgt Ion:142 Resp: 72437

Ion Ratio Lower Upper

142 100

127 43.3 33.6 50.4

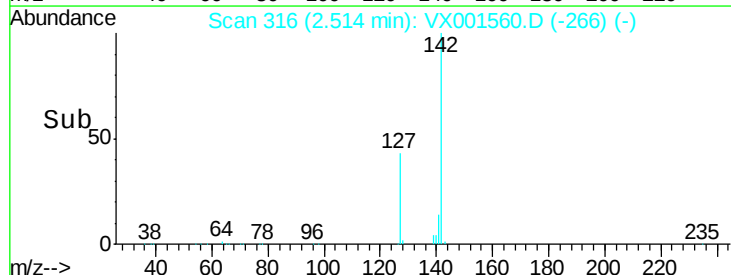
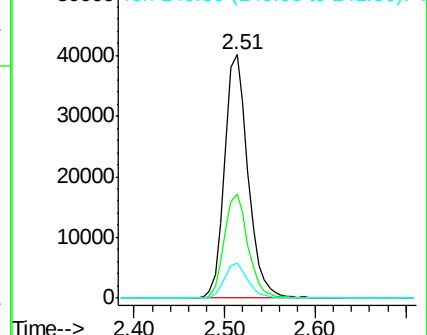
141 14.2 11.4 17.2

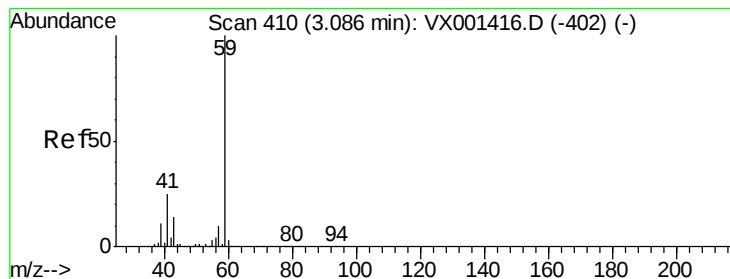


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



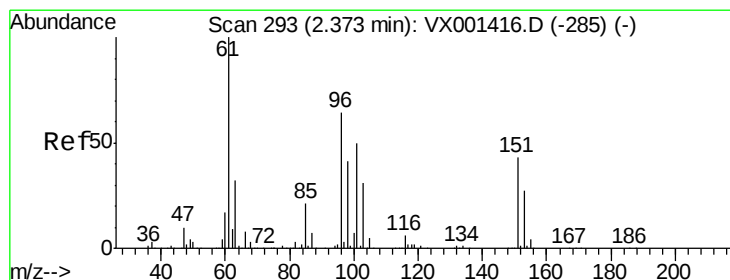
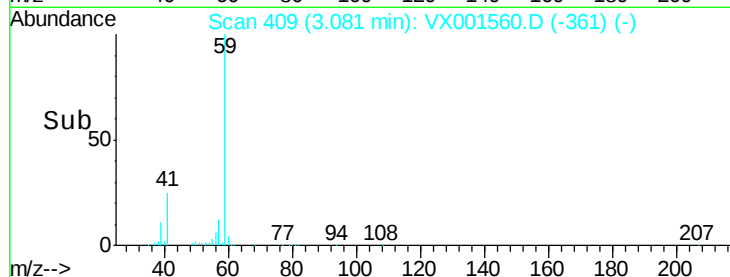
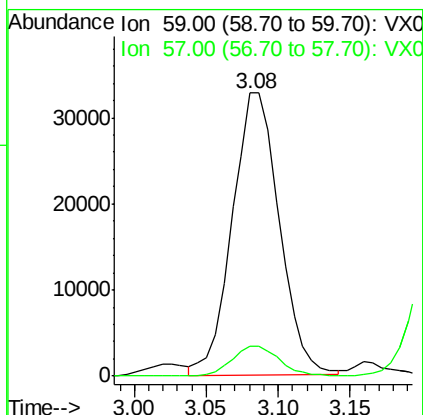
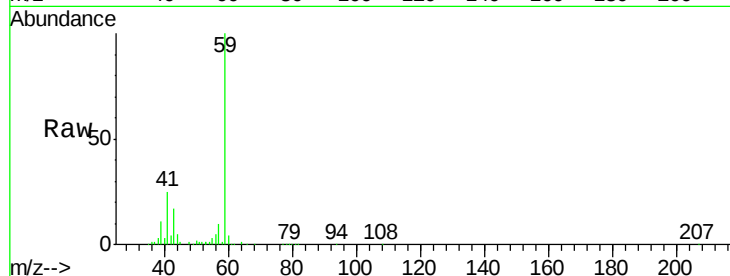


#11

Tert butyl alcohol
 Concen: 105.80 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

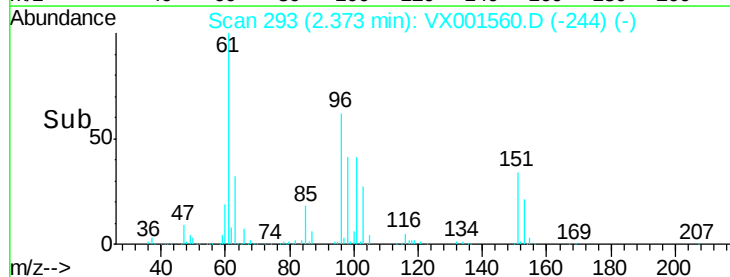
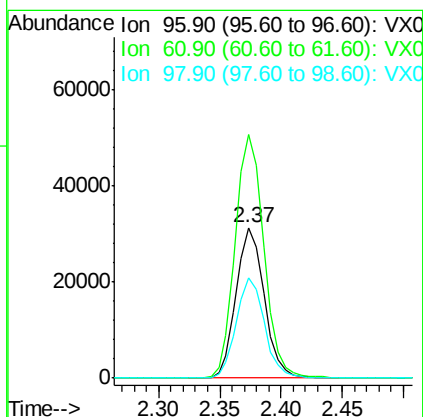
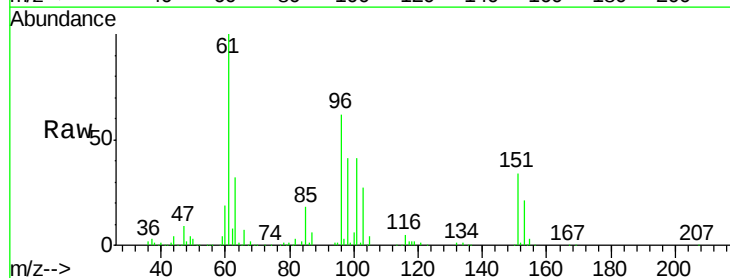
Tgt Ion: 59 Resp: 74294
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.4

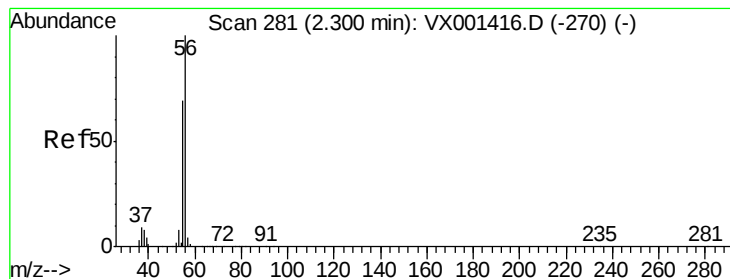


#12

1,1-Dichloroethene
 Concen: 19.57 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion: 96 Resp: 50168
 Ion Ratio Lower Upper
 96 100
 61 161.9 125.7 188.5
 98 66.5 52.0 78.0





#13

Acrolein

Concen: 84.83 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

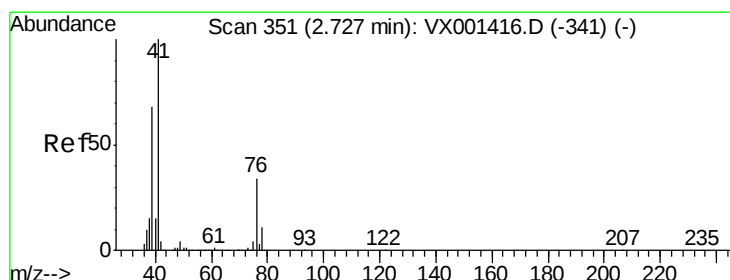
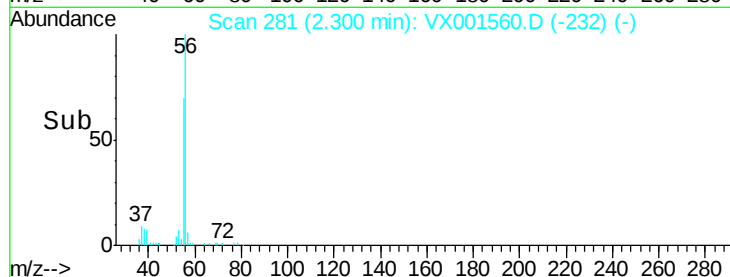
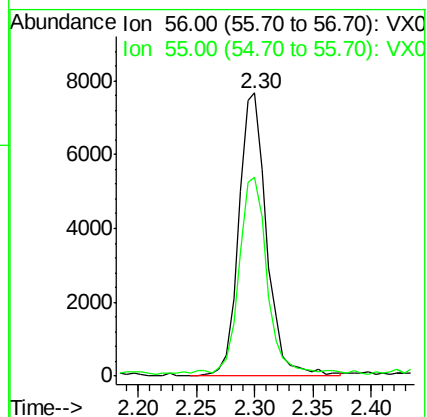
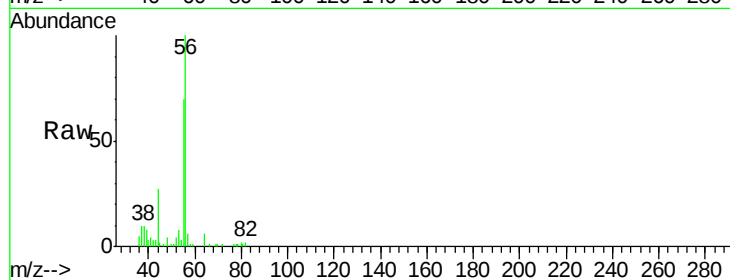
VX0509WBSD01

Tgt Ion: 56 Resp: 12810

Ion Ratio Lower Upper

56 100

55 69.4 54.5 81.7



#14

Allyl chloride

Concen: 20.31 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

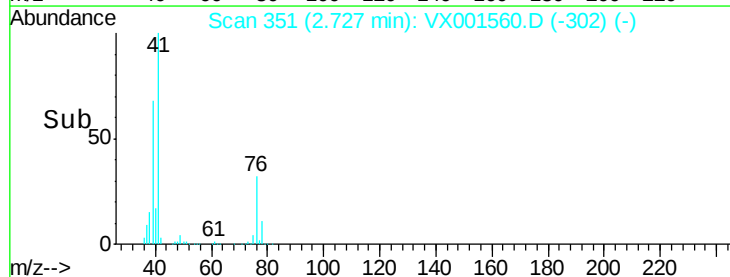
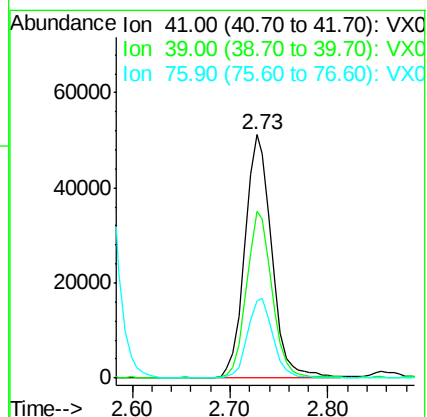
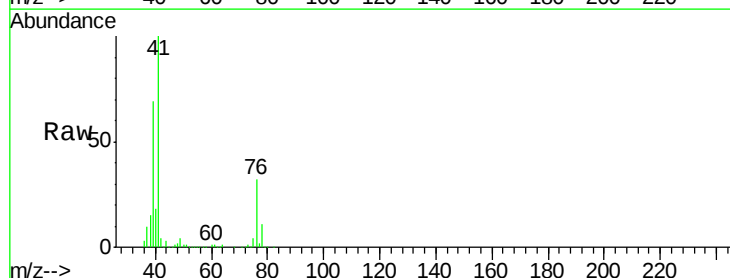
Tgt Ion: 41 Resp: 97083

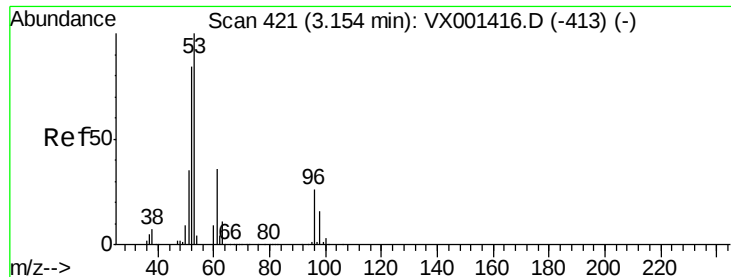
Ion Ratio Lower Upper

41 100

39 64.6 52.4 78.6

76 31.0 25.8 38.6





#15

Acrylonitrile

Concen: 105.04 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

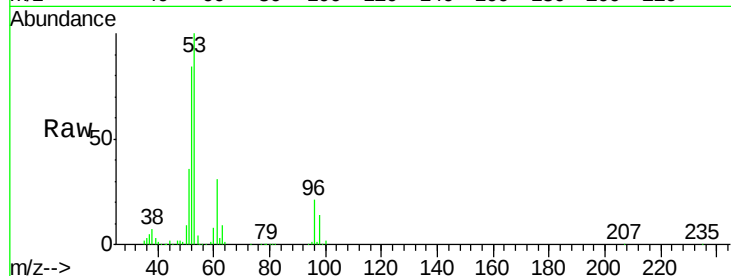
Tgt Ion: 53 Resp: 166681

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.2

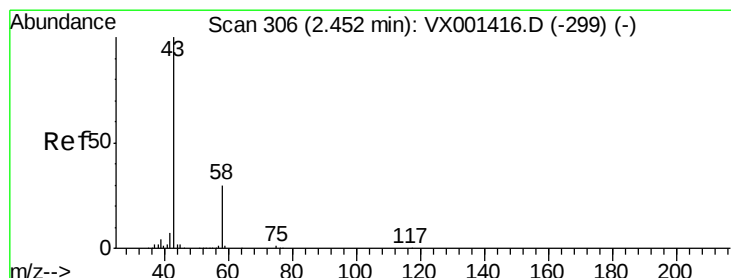
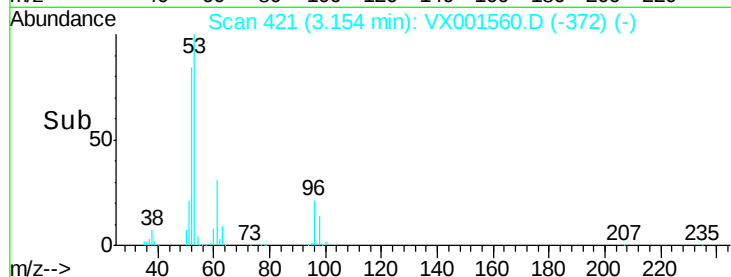
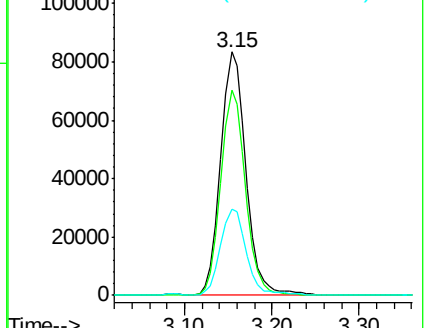
51 36.5 28.6 43.0



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: 112.76 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001560.D

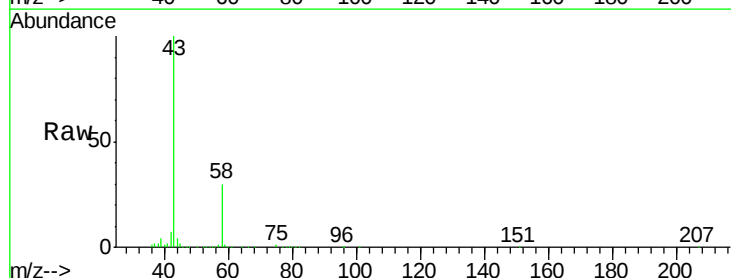
Acq: 09 May 2018 17:32

Tgt Ion: 43 Resp: 170533

Ion Ratio Lower Upper

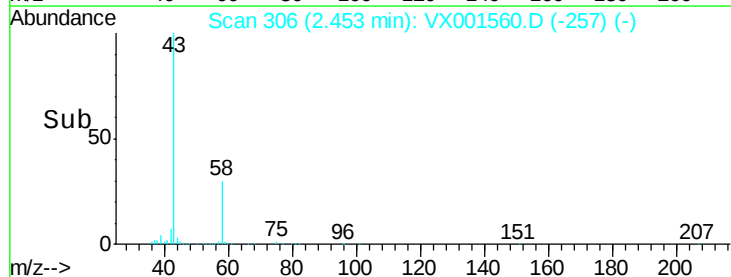
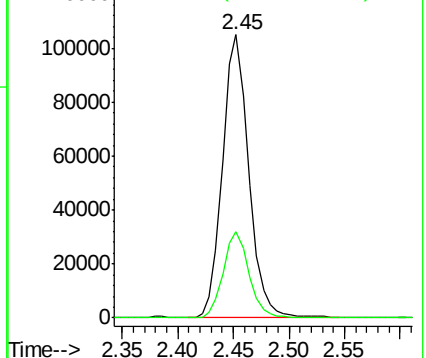
43 100

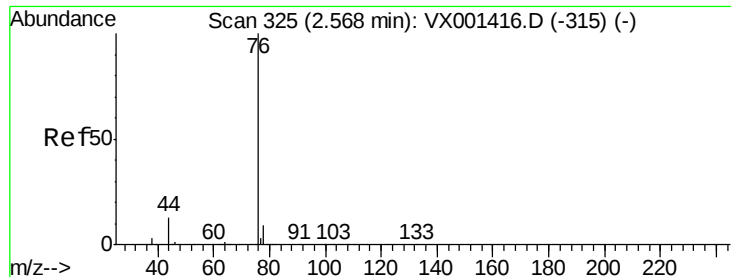
58 30.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

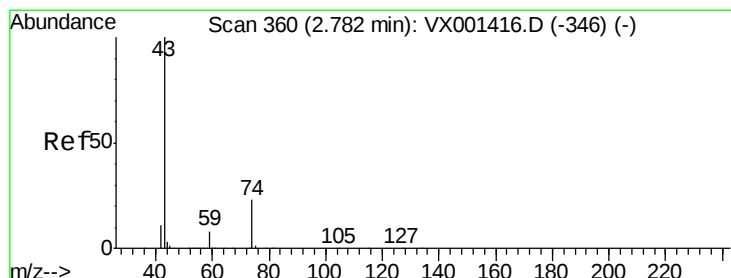
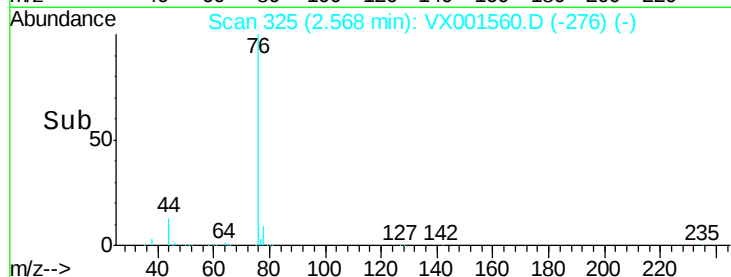
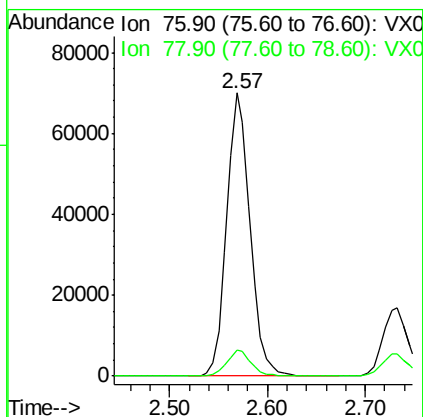
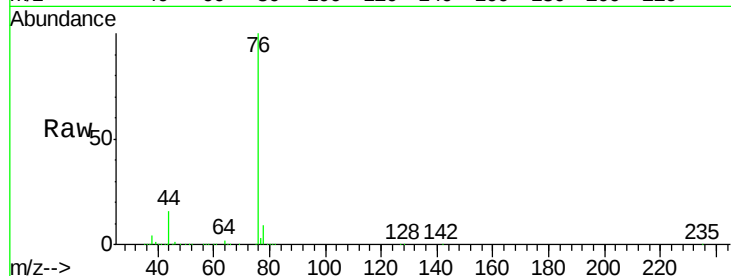




#17
Carbon Disulfide
Concen: 17.76 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

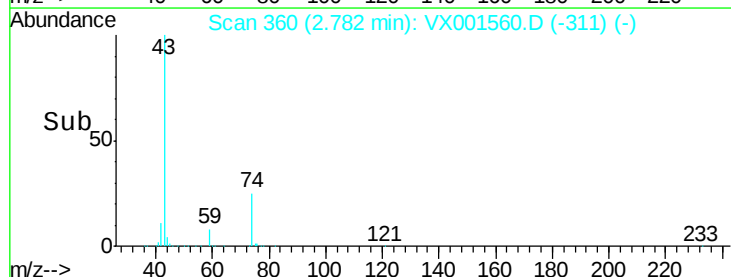
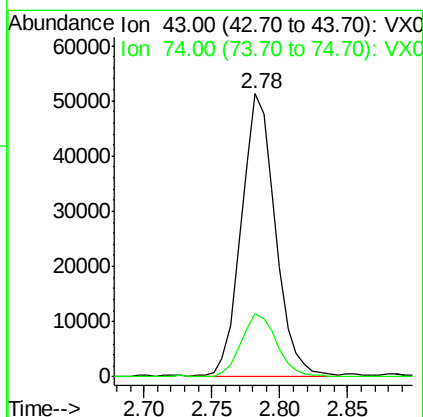
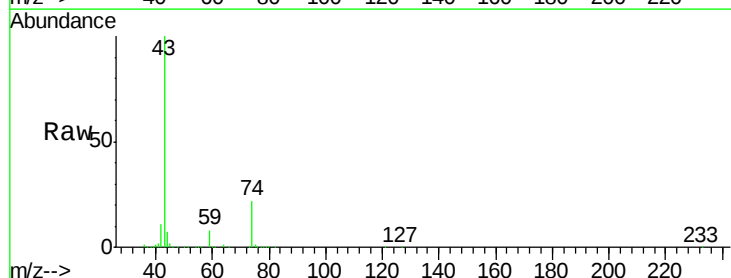
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

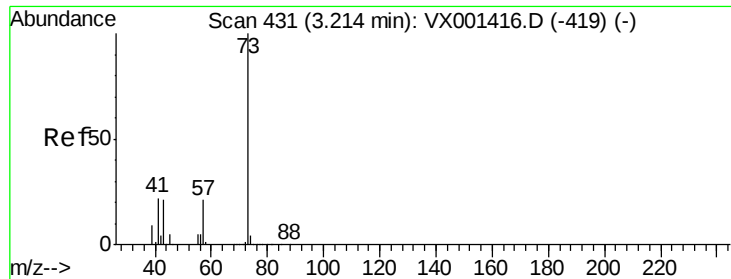
Tgt Ion: 76 Resp: 115878
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 22.42 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion: 43 Resp: 89063
Ion Ratio Lower Upper
43 100
74 23.7 18.6 27.8

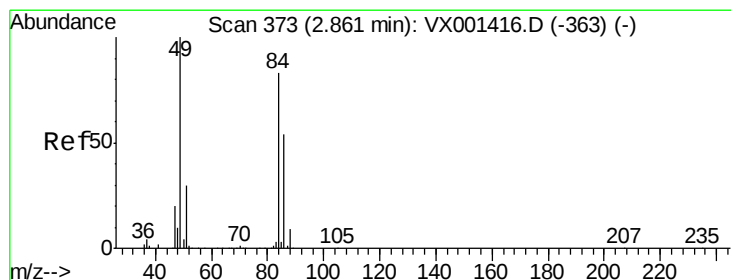
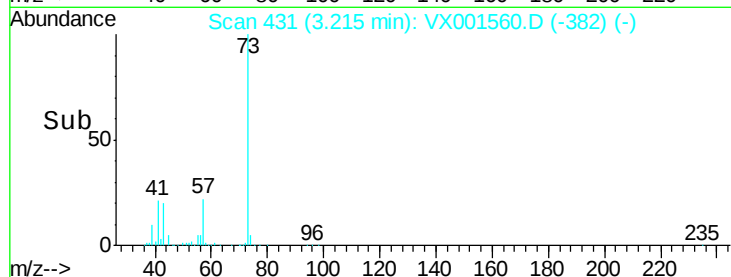
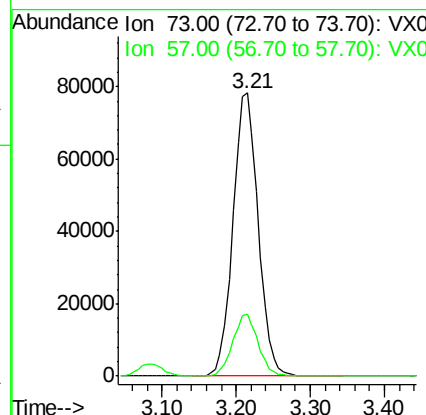
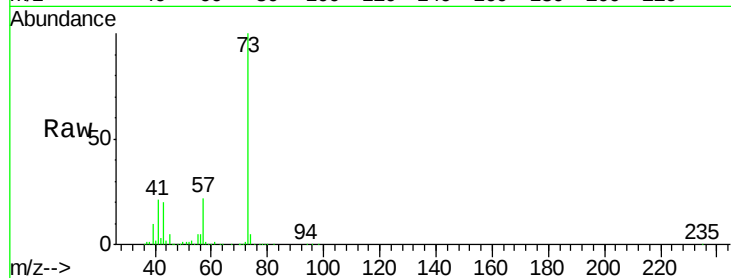




#19
Methyl tert-butyl Ether
Concen: 20.71 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

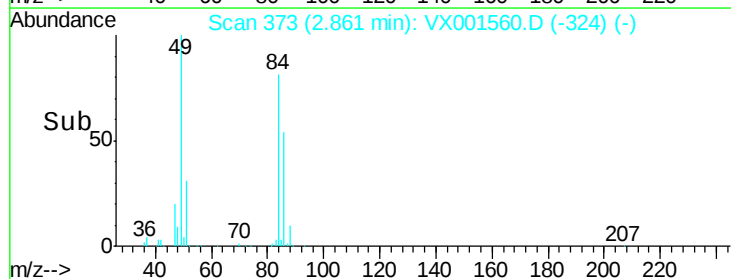
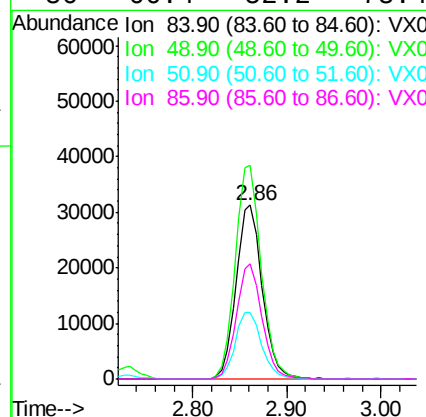
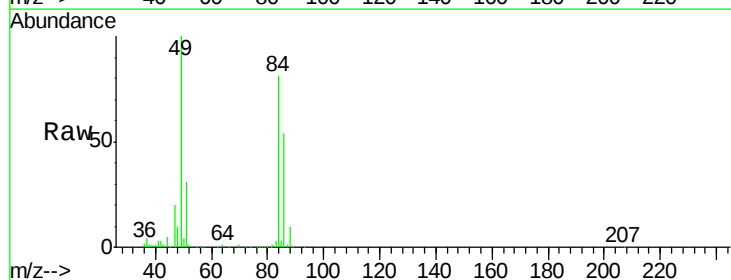
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

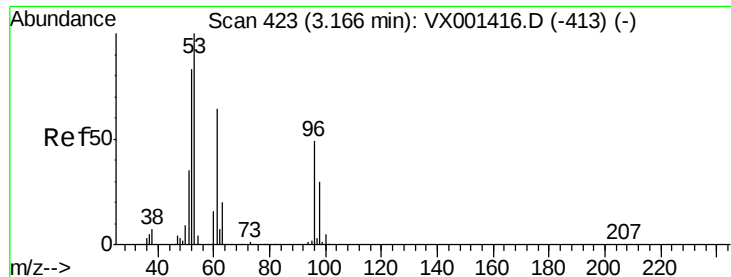
Tgt Ion: 73 Resp: 184911
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6



#20
Methylene Chloride
Concen: 20.13 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion: 84 Resp: 60274
Ion Ratio Lower Upper
84 100
49 123.0 96.6 144.8
51 38.2 29.0 43.4
86 66.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.12 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

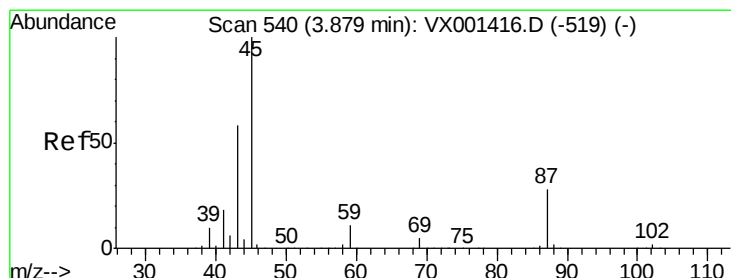
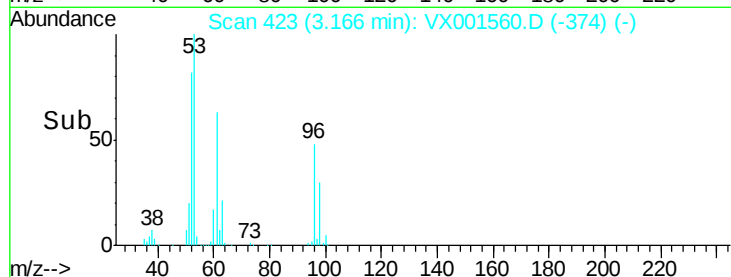
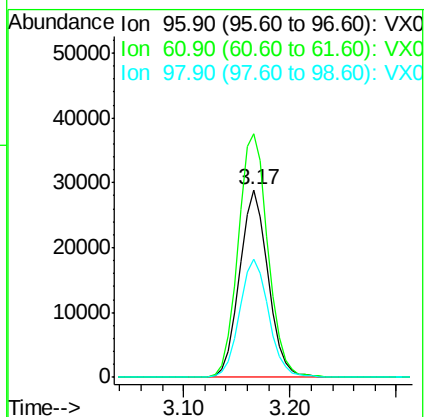
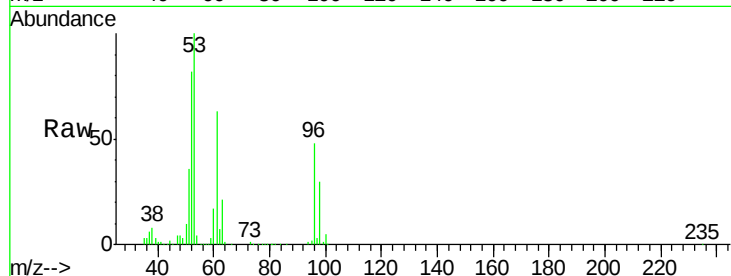
Tgt Ion: 96 Resp: 54702

Ion Ratio Lower Upper

96 100

61 129.6 105.0 157.4

98 62.9 49.9 74.9



#22

Diisopropyl ether

Concen: 19.44 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Tgt Ion: 45 Resp: 173605

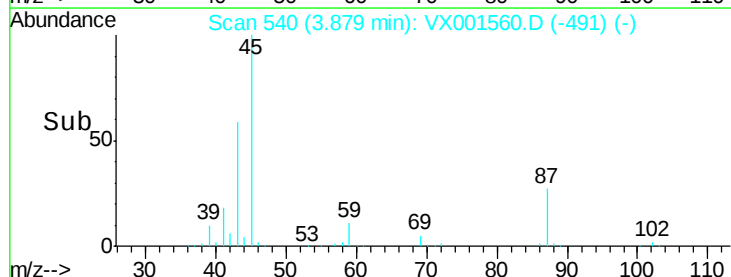
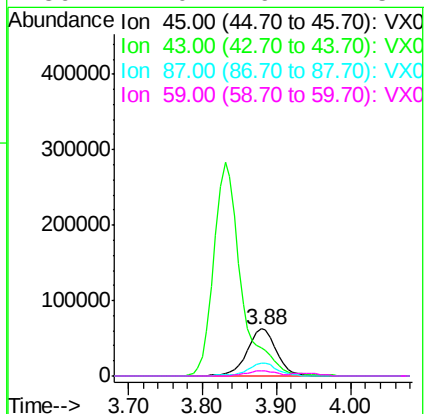
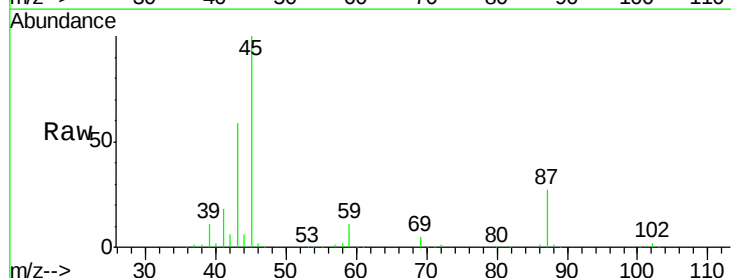
Ion Ratio Lower Upper

45 100

43 57.6 46.5 69.7

87 27.2 22.6 34.0

59 11.0 9.1 13.7

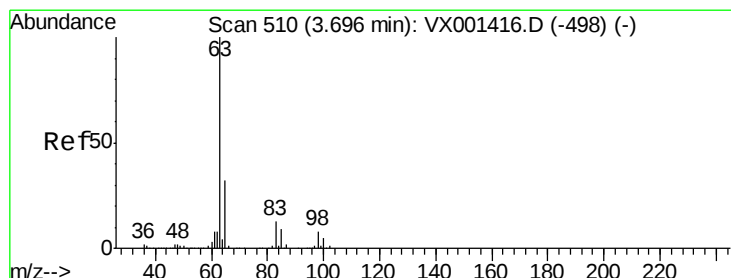
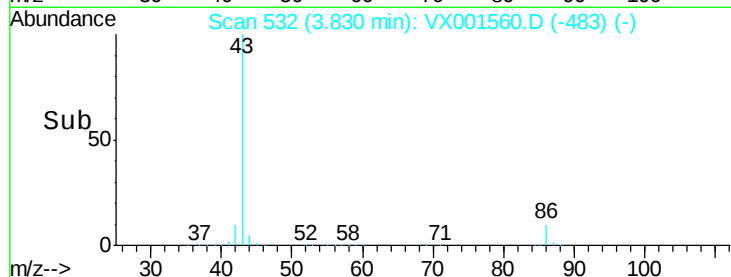
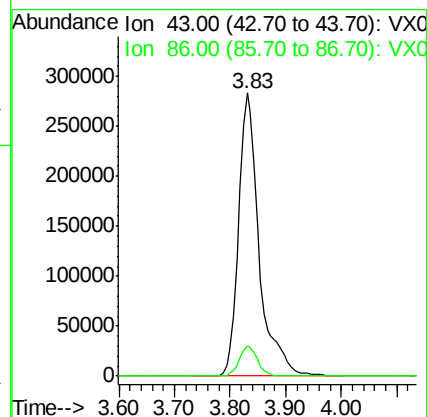
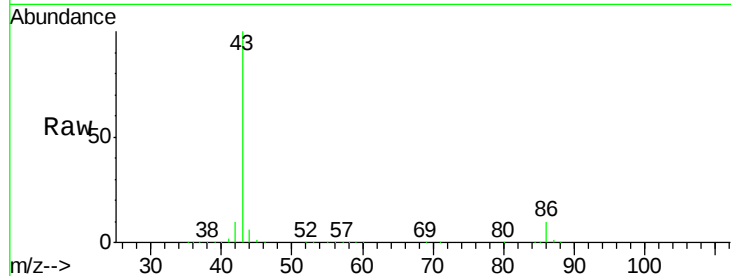




#23
 Vinyl Acetate
 Concen: 97.12 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

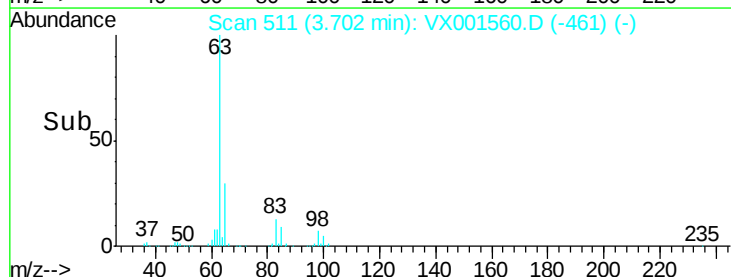
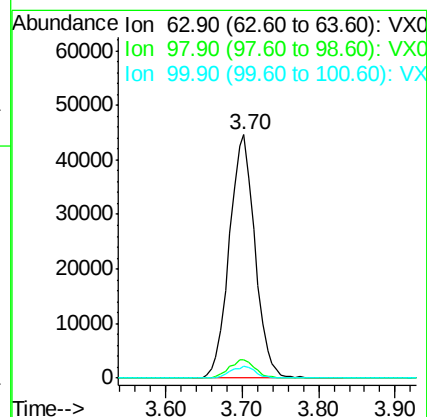
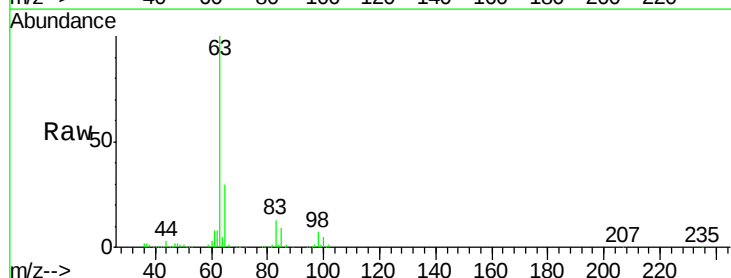
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

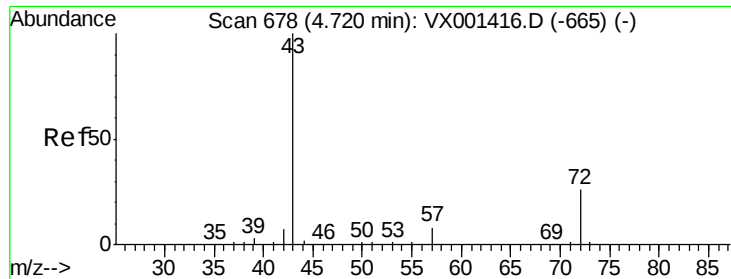
Tgt Ion: 43 Resp: 722944
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.69 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion: 63 Resp: 103218
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 105.07 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

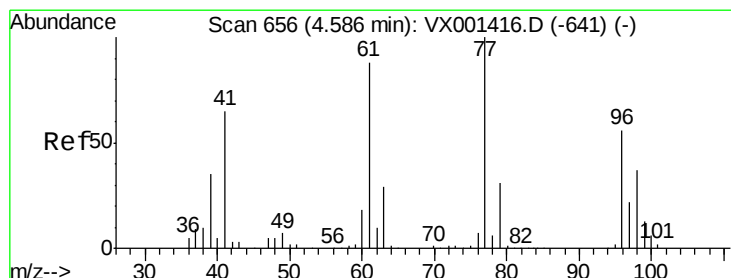
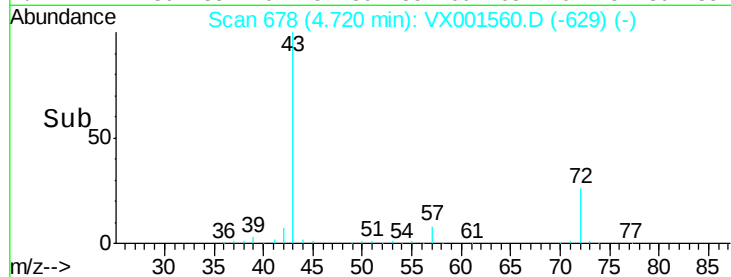
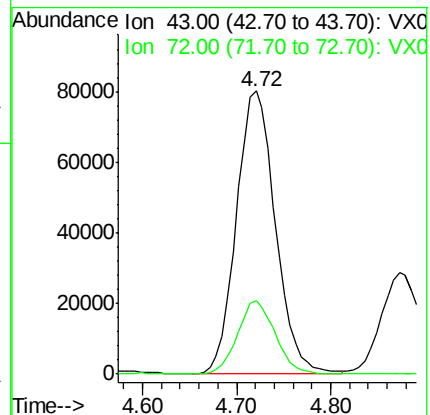
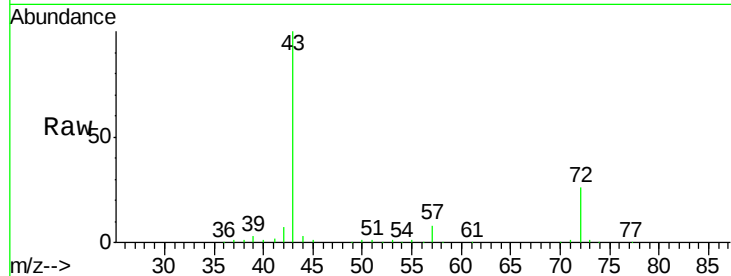
VX0509WBSD01

Tgt Ion: 43 Resp: 229702

Ion Ratio Lower Upper

43 100

72 25.9 20.7 31.1



#26

2,2-Dichloropropane

Concen: 20.15 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001560.D

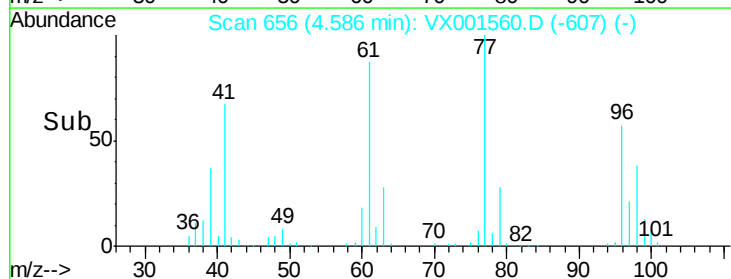
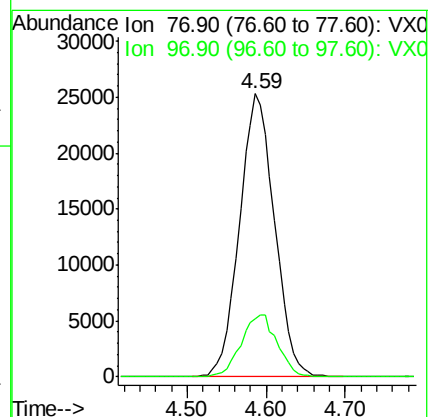
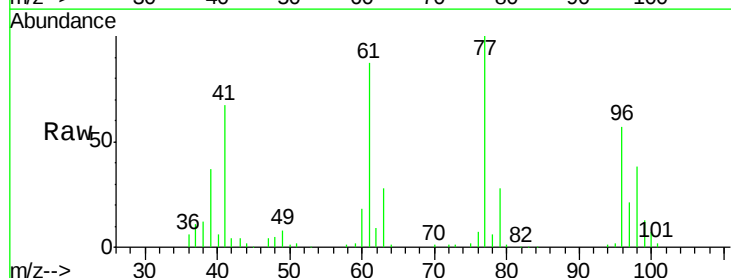
Acq: 09 May 2018 17:32

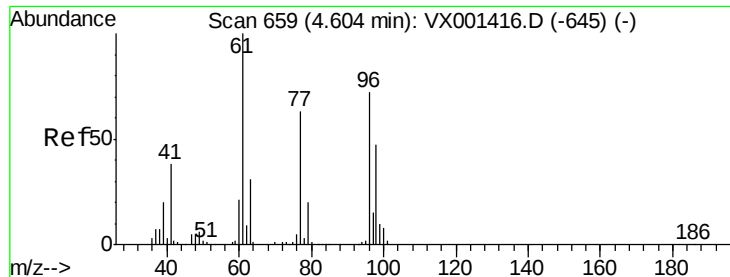
Tgt Ion: 77 Resp: 77660

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.6



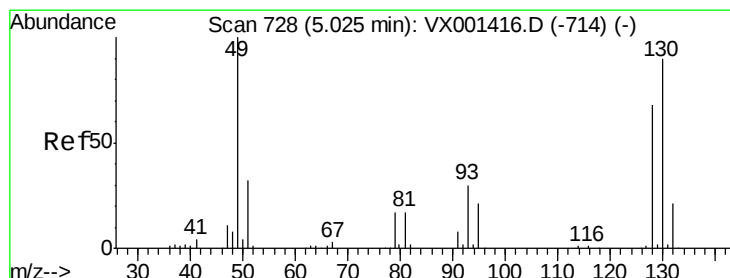
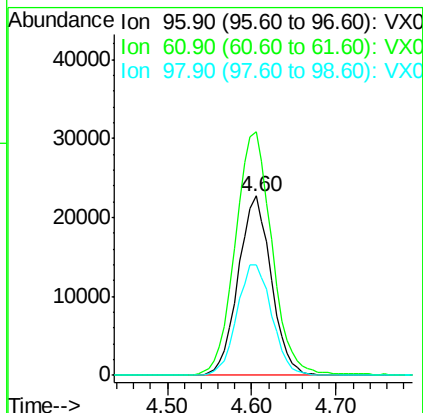
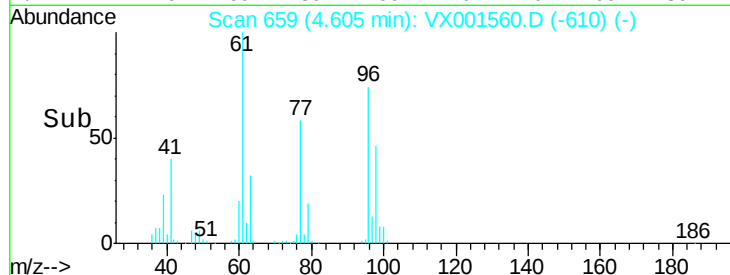
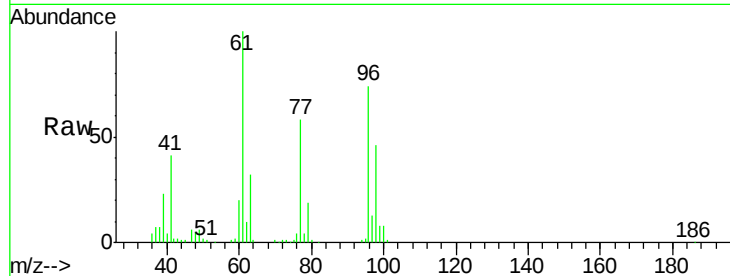


#27

cis-1,2-Dichloroethene
Concen: 19.74 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

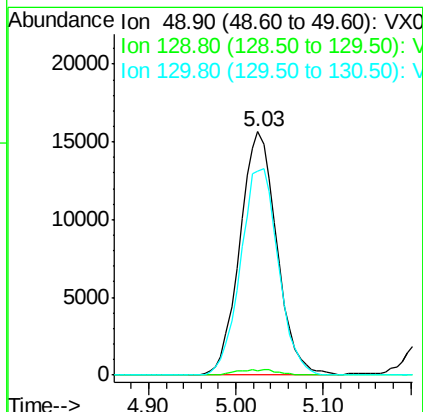
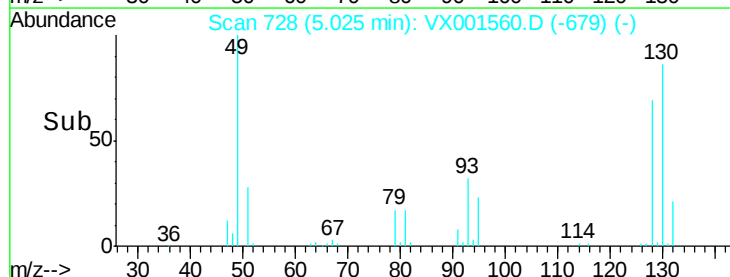
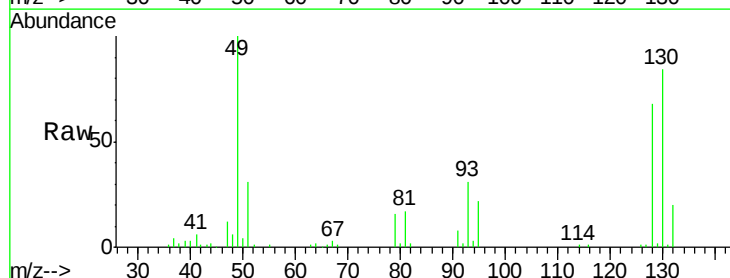
Tgt Ion: 96 Resp: 60153
Ion Ratio Lower Upper
96 100
61 150.8 0.0 301.6
98 65.0 0.0 131.6

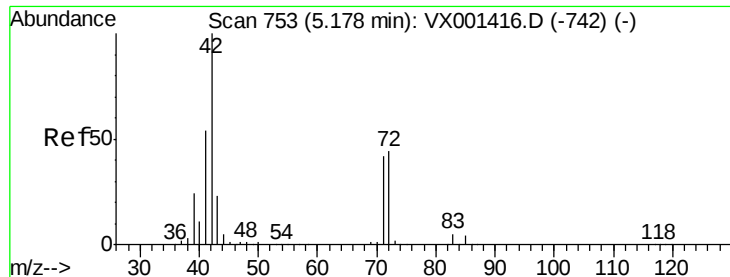


#28

Bromochloromethane
Concen: 21.25 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion: 49 Resp: 45967
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 86.7 71.9 107.9





#29

Tetrahydrofuran

Concen: 100.01 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

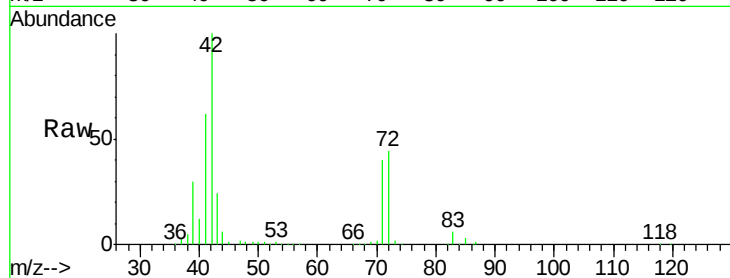
Tgt Ion: 42 Resp: 139891

Ion Ratio Lower Upper

42 100

72 45.4 35.4 53.2

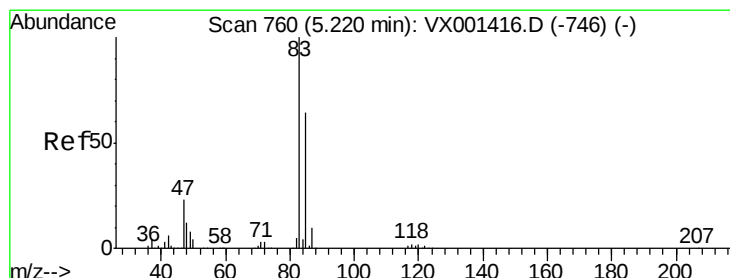
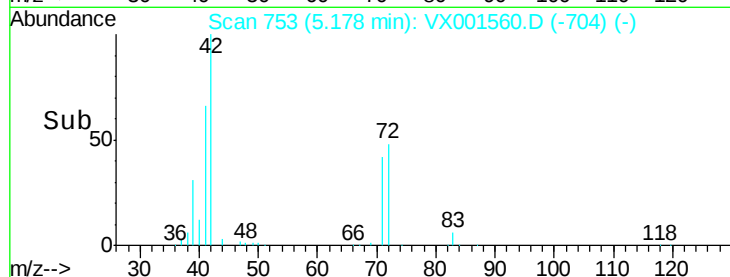
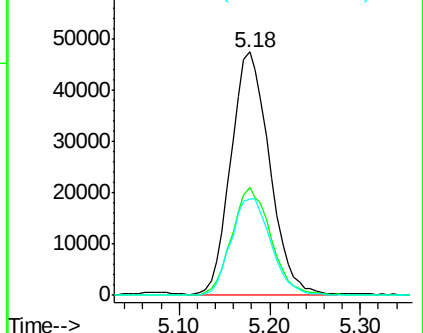
71 41.7 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.53 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001560.D

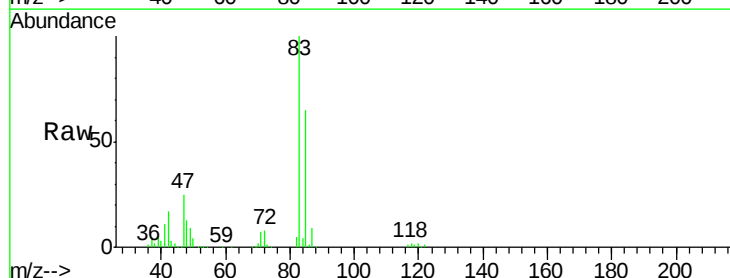
Acq: 09 May 2018 17:32

Tgt Ion: 83 Resp: 105496

Ion Ratio Lower Upper

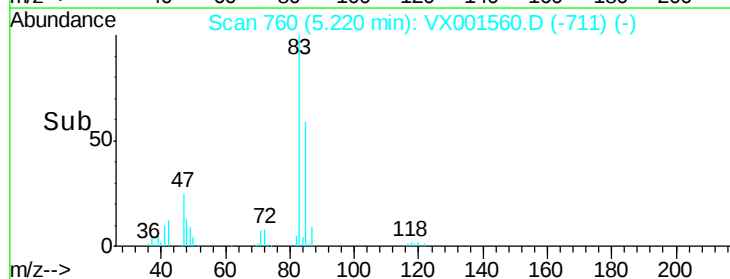
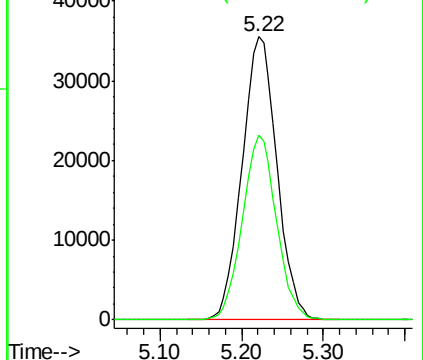
83 100

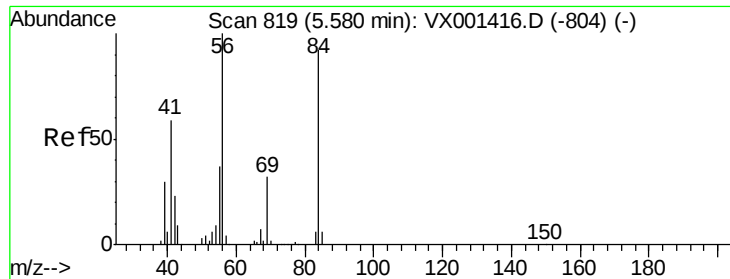
85 65.5 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

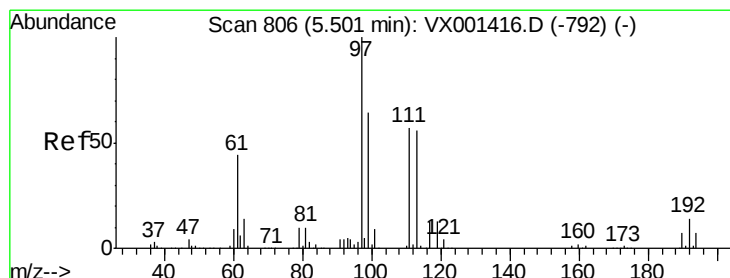
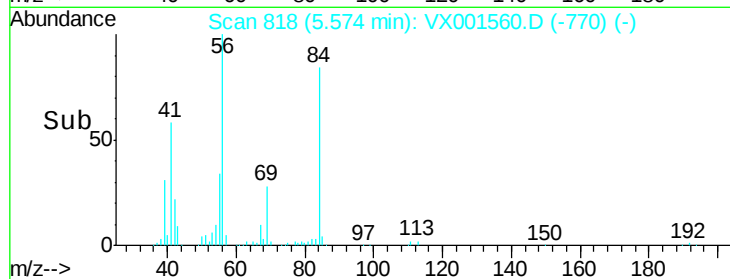
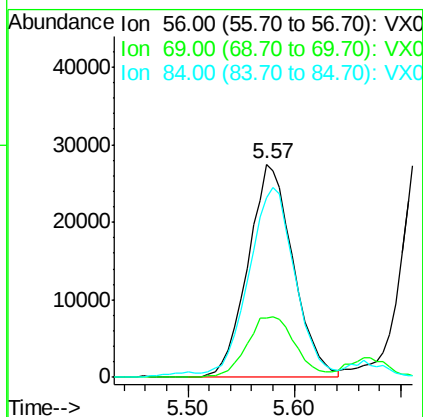
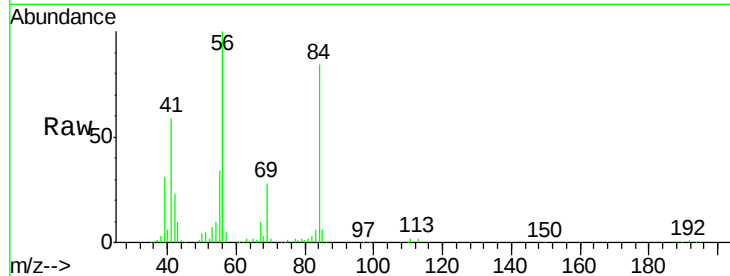




#31
Cyclohexane
Concen: 19.08 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

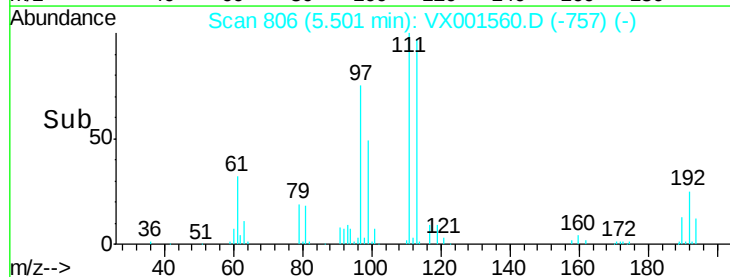
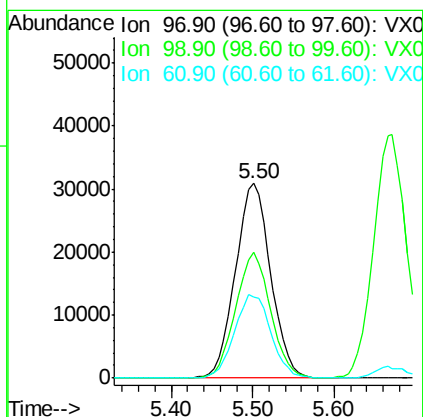
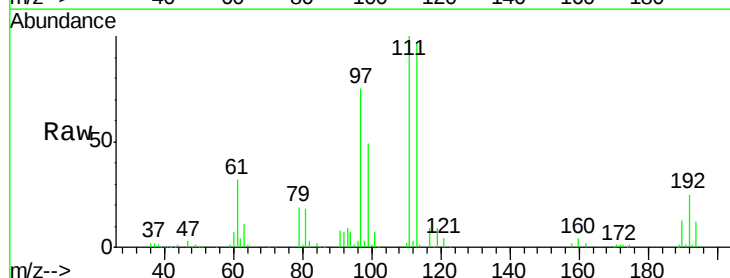
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

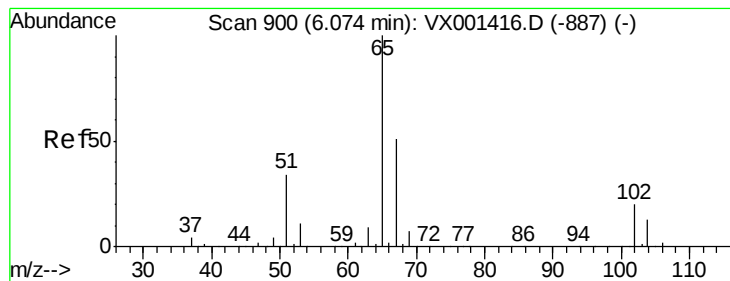
Tgt Ion: 56 Resp: 81762
Ion Ratio Lower Upper
56 100
69 27.9 25.4 38.0
84 81.8 73.8 110.8



#32
1,1,1-Trichloroethane
Concen: 20.61 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion: 97 Resp: 92591
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 44.1 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 47.31 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

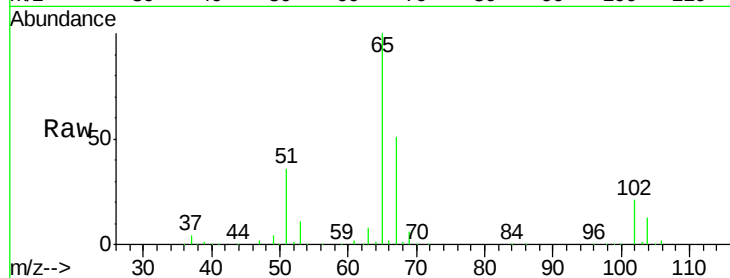
VX0509WBSD01

Tgt Ion: 65 Resp: 157564

Ion Ratio Lower Upper

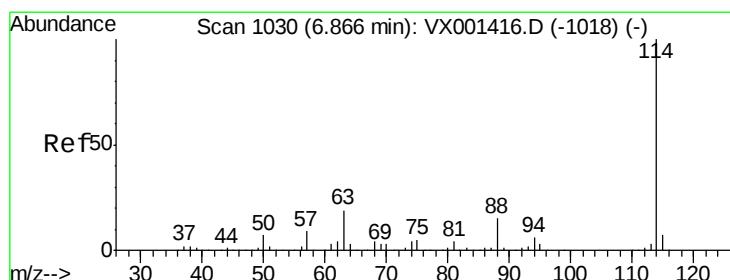
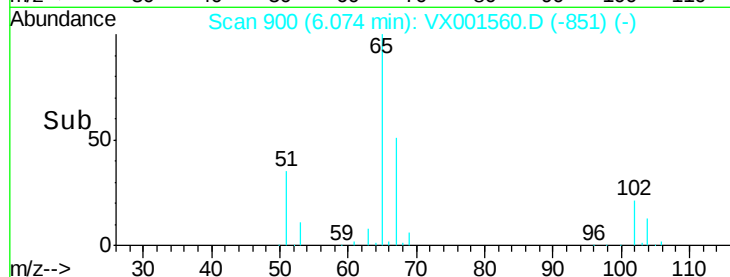
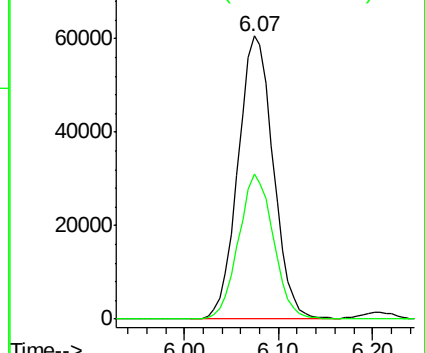
65 100

67 50.6 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

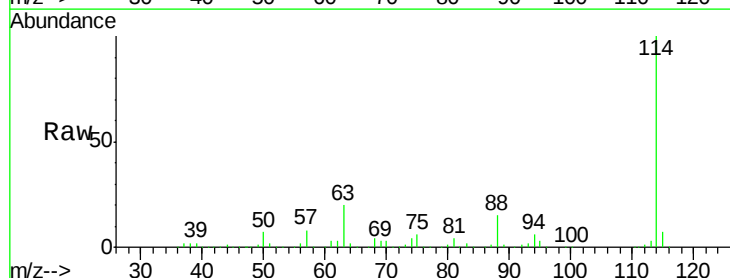
Tgt Ion: 114 Resp: 299833

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

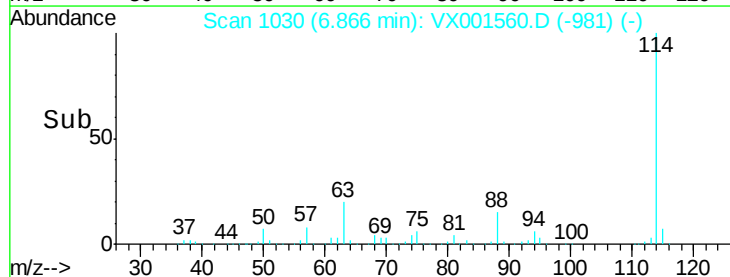
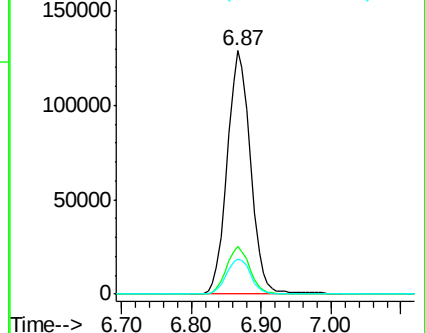
88 14.6 0.0 30.8

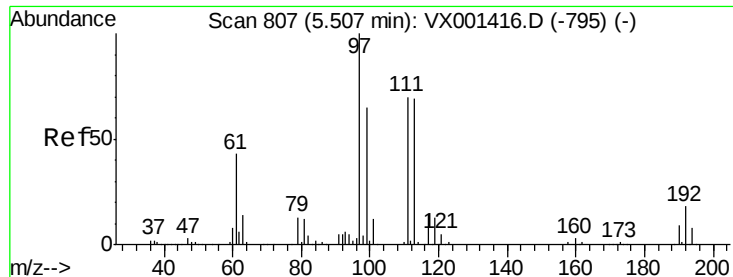


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

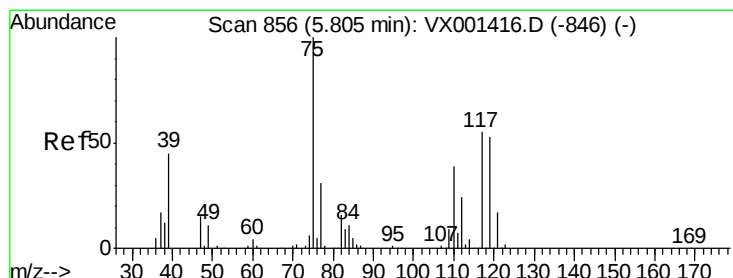
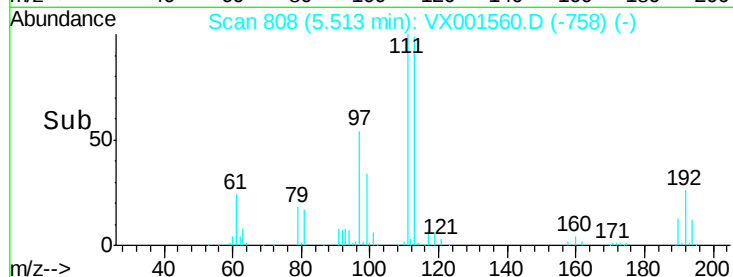
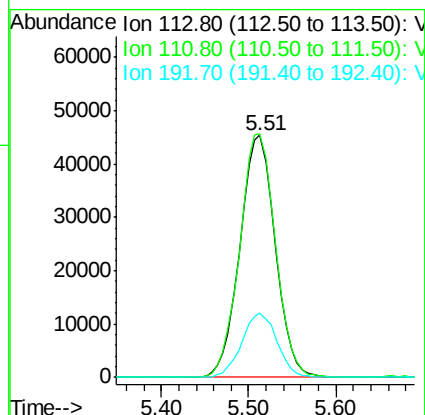
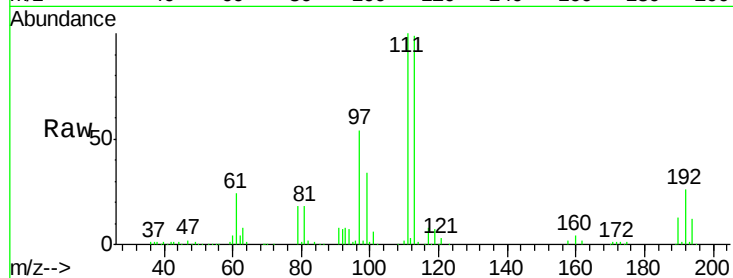




#35
 Dibromofluoromethane
 Concen: 47.77 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

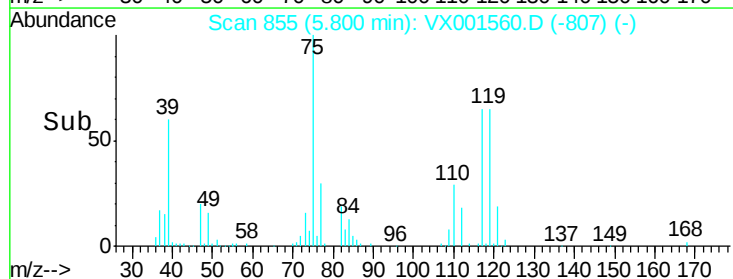
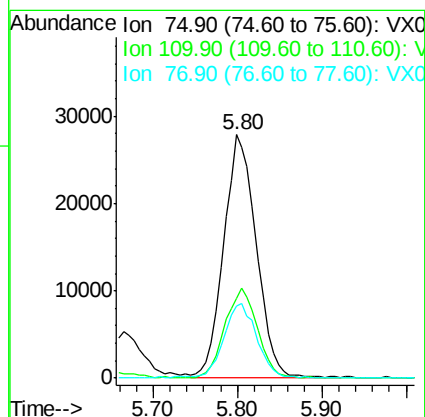
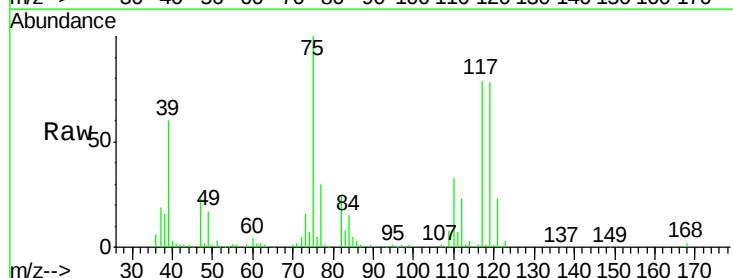
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

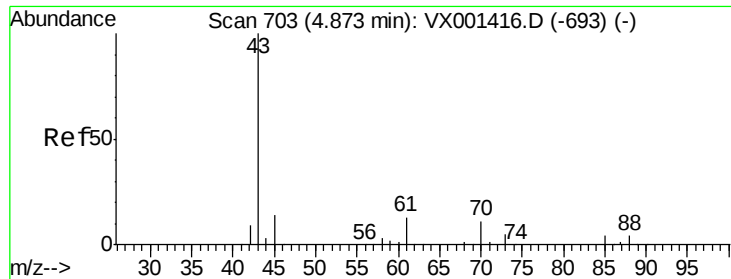
Tgt Ion:113 Resp: 127409
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 26.4 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 19.17 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion: 75 Resp: 73121
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.9 56.7
 77 31.4 24.9 37.3

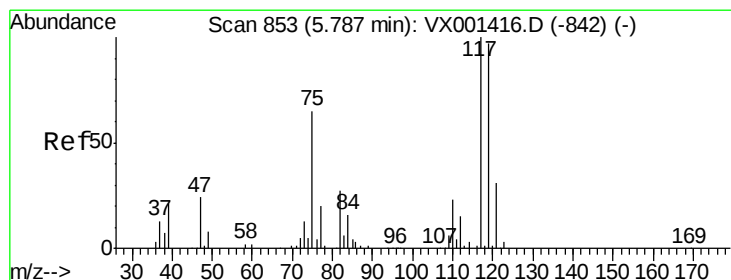
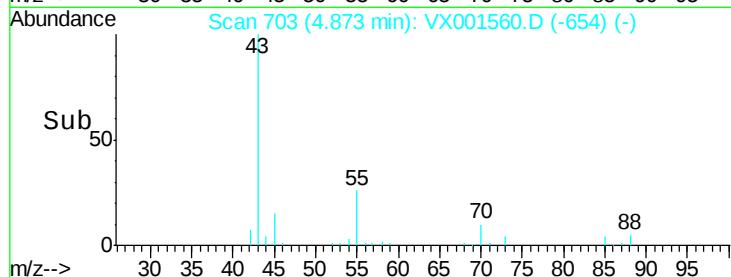
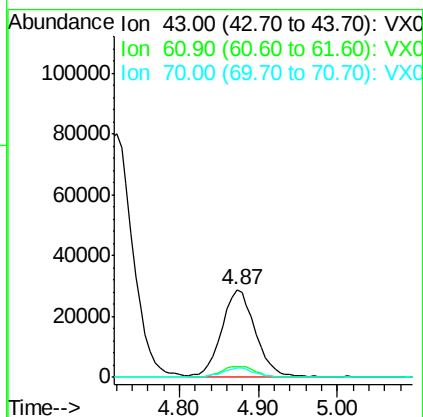
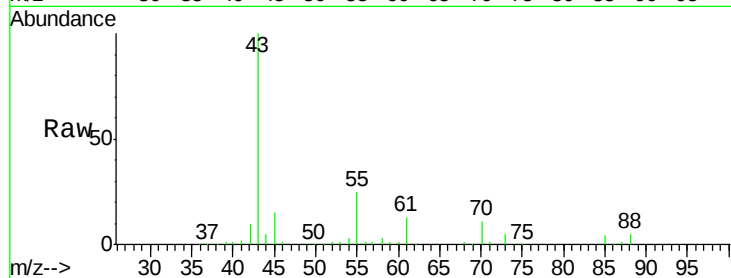




#37
Ethyl Acetate
Concen: 20.30 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

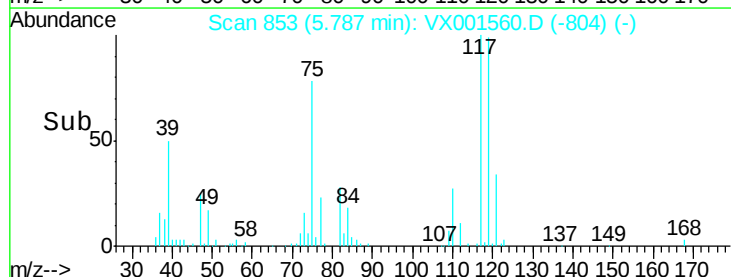
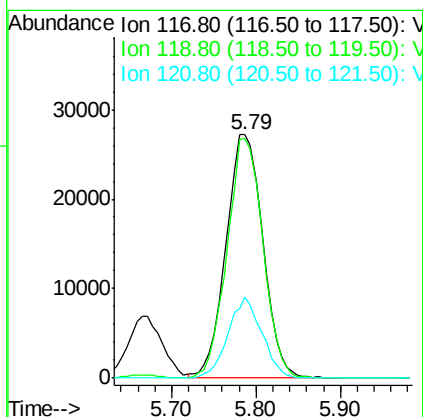
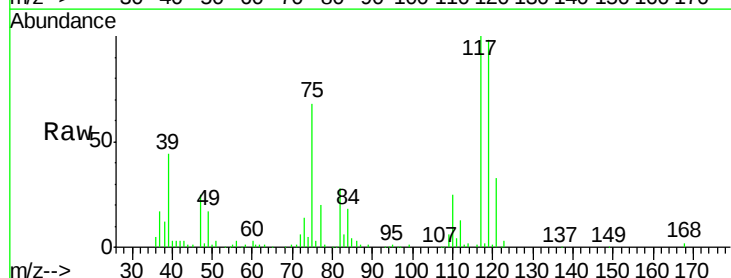
Instrument :
MSVOA_X
ClientSampled :
VX0509WBSD01

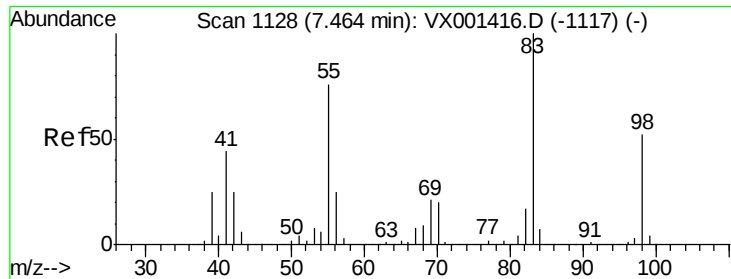
Tgt Ion: 43 Resp: 84875
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.92 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion: 117 Resp: 81015
Ion Ratio Lower Upper
117 100
119 98.5 77.0 115.6
121 33.5 25.1 37.7

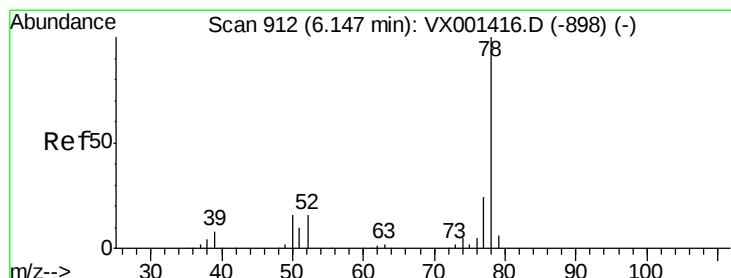
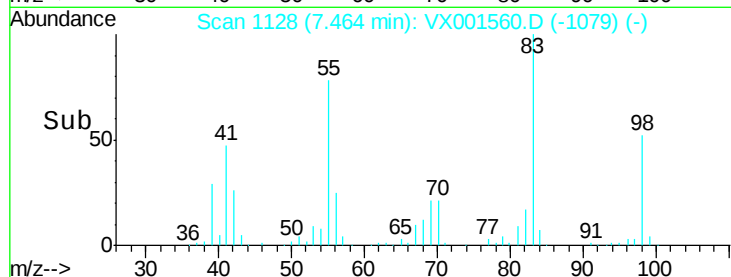
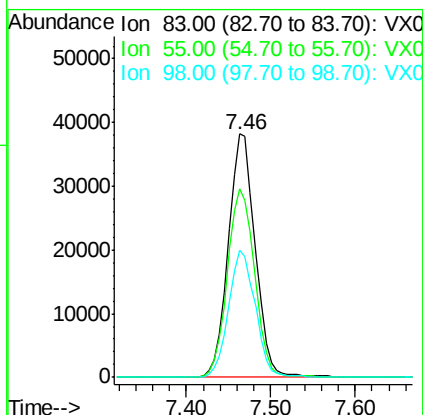
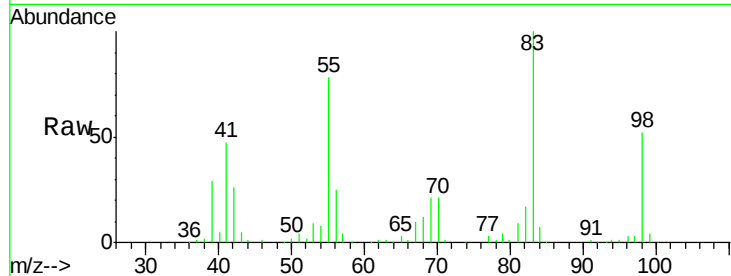




#39
Methylcyclohexane
Concen: 18.40 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

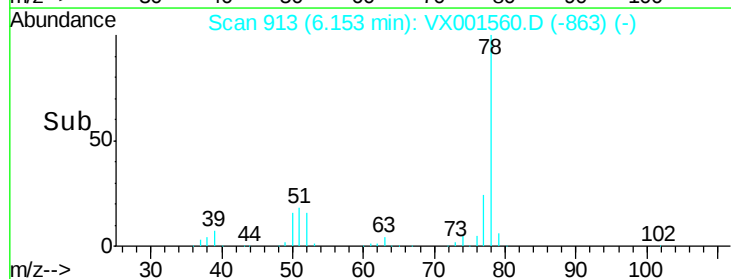
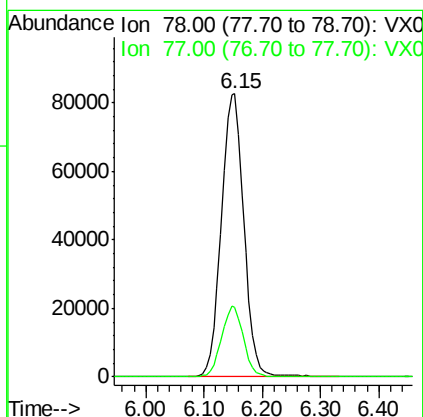
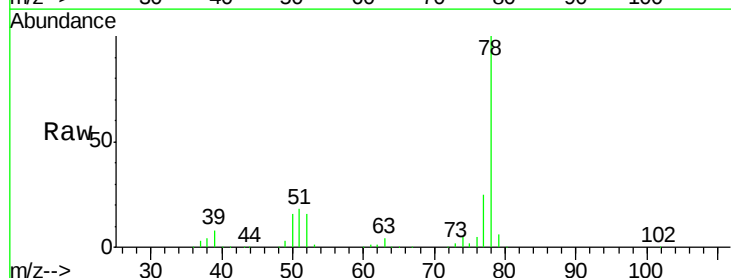
Instrument :
MSVOA_X
ClientSampled :
VX0509WBSD01

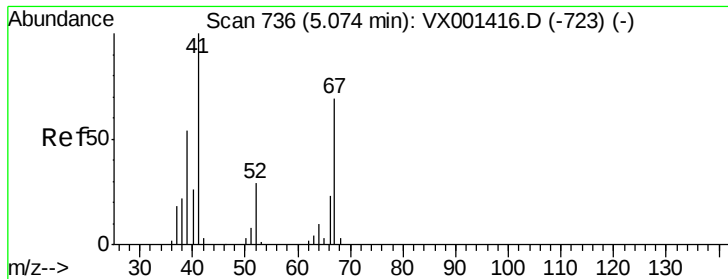
Tgt Ion: 83 Resp: 82976
Ion Ratio Lower Upper
83 100
55 77.6 60.9 91.3
98 52.5 41.9 62.9



#40
Benzene
Concen: 19.95 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion: 78 Resp: 222244
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.2





#41

Methacrylonitrile

Concen: 19.97 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

Tgt Ion: 41 Resp: 47759

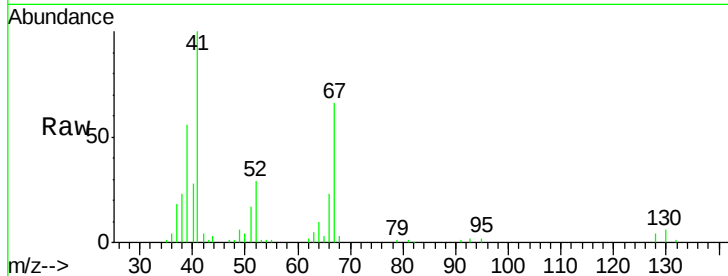
Ion Ratio Lower Upper

41 100

39 58.5 45.0 67.6

67 69.0 55.0 82.6

52 30.5 23.4 35.0

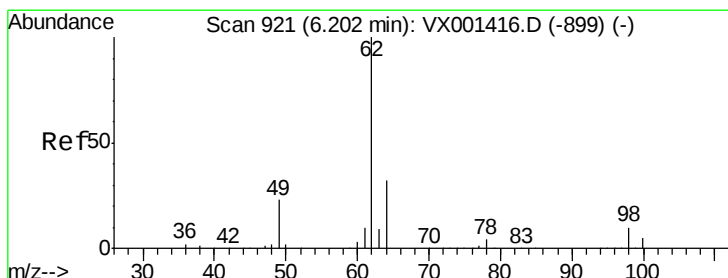
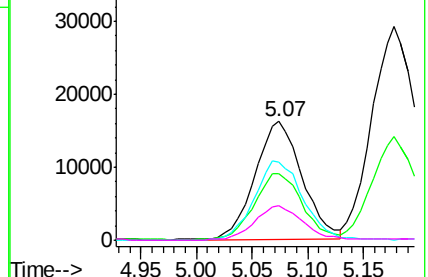
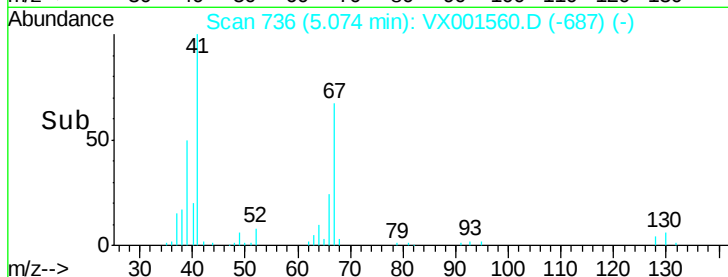


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.61 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001560.D

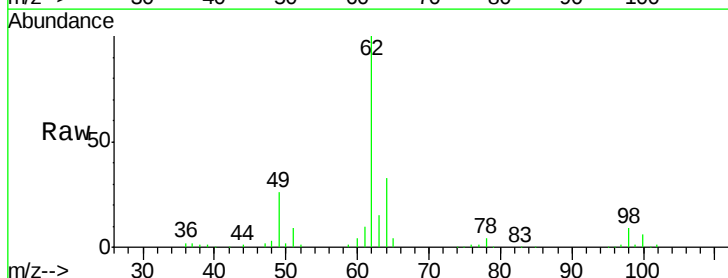
Acq: 09 May 2018 17:32

Tgt Ion: 62 Resp: 88246

Ion Ratio Lower Upper

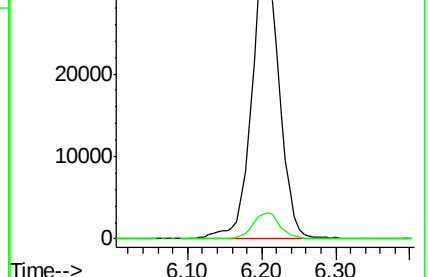
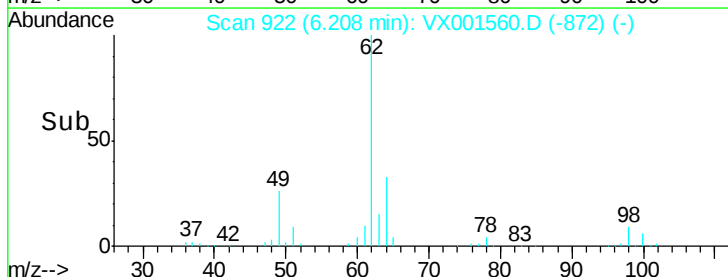
62 100

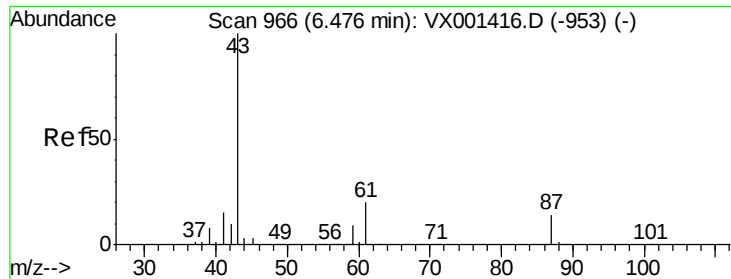
98 9.2 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.11 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampled :

VX0509WBSD01

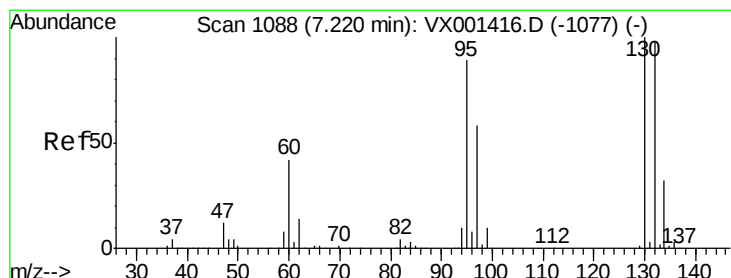
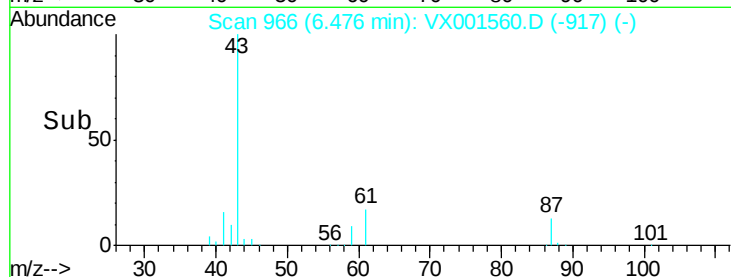
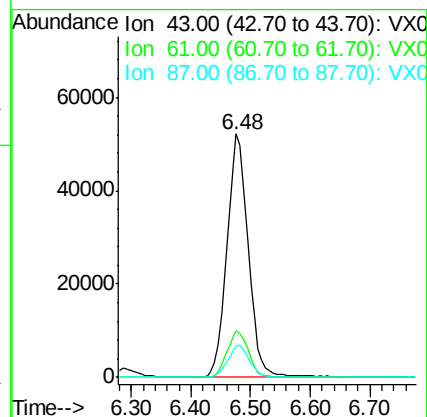
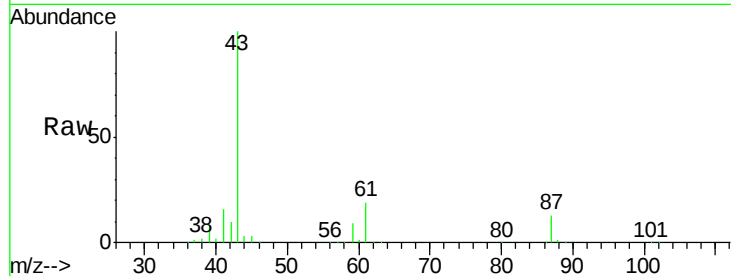
Tgt Ion: 43 Resp: 129037

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

87 13.4 10.8 16.2



#44

Trichloroethene

Concen: 19.59 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001560.D

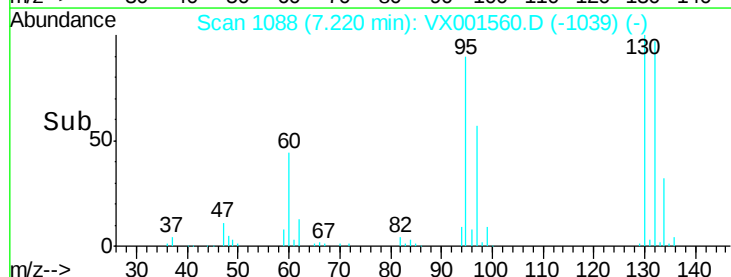
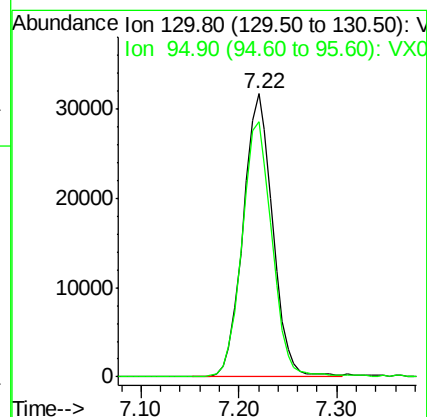
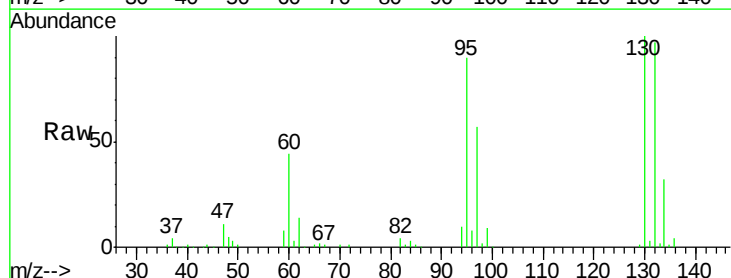
Acq: 09 May 2018 17:32

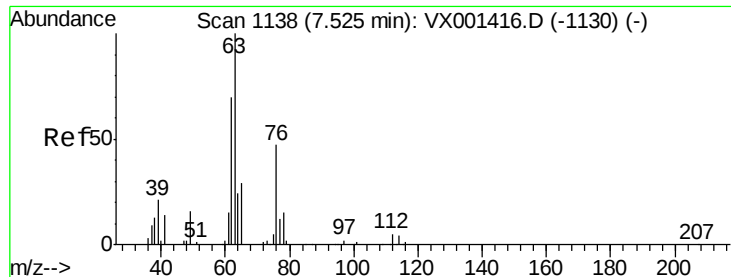
Tgt Ion: 130 Resp: 66717

Ion Ratio Lower Upper

130 100

95 90.3 0.0 178.4





#45

1,2-Dichloropropane

Concen: 19.64 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

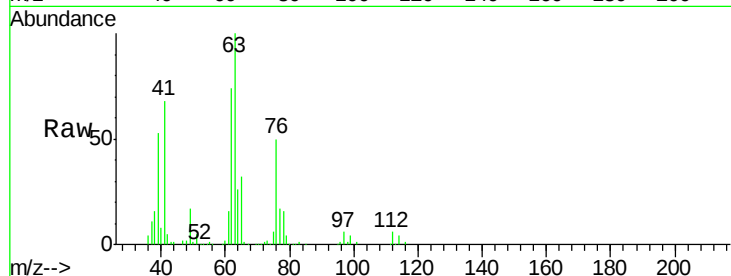
VX0509WBSD01

Tgt Ion: 63 Resp: 54559

Ion Ratio Lower Upper

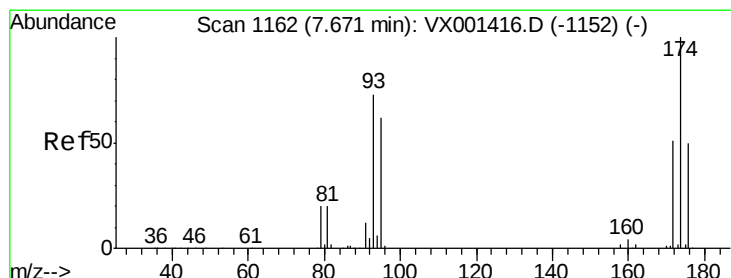
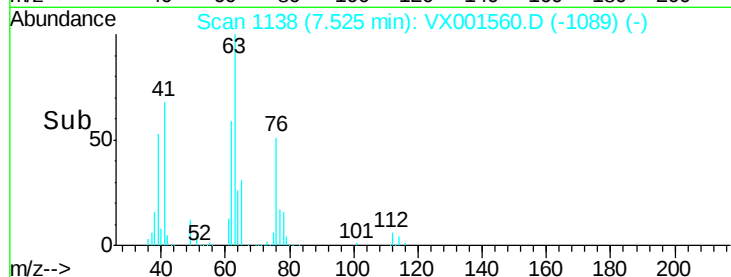
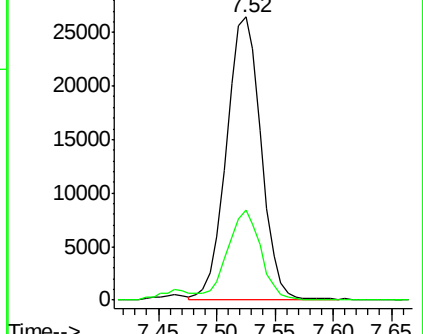
63 100

65 32.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.15 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

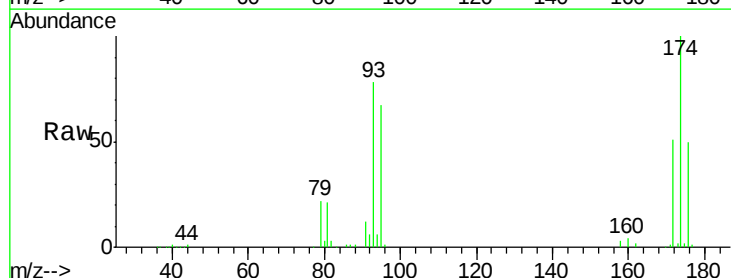
Tgt Ion: 93 Resp: 39612

Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.4

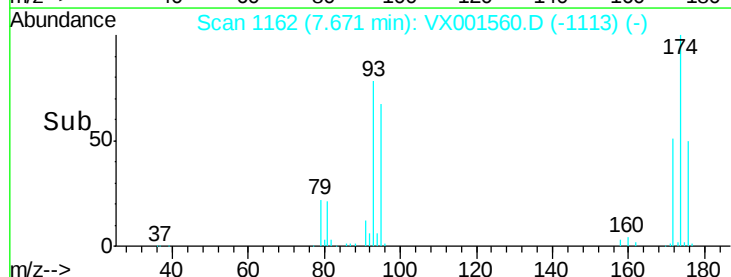
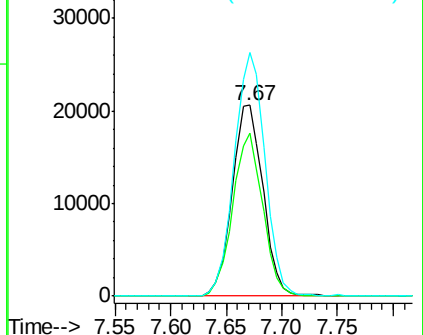
174 127.0 104.5 156.7

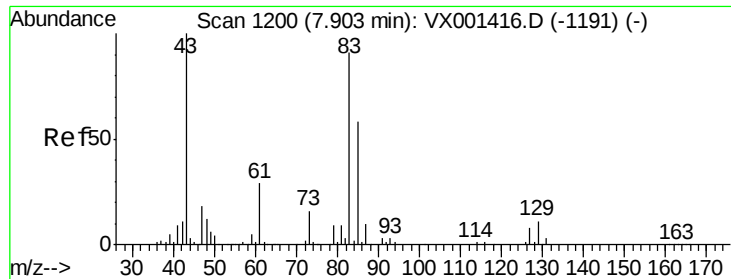


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.16 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

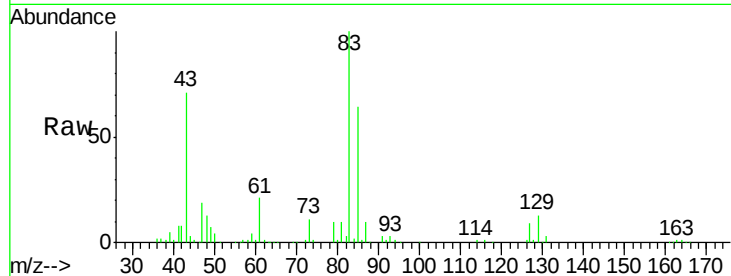
Tgt Ion: 83 Resp: 73341

Ion Ratio Lower Upper

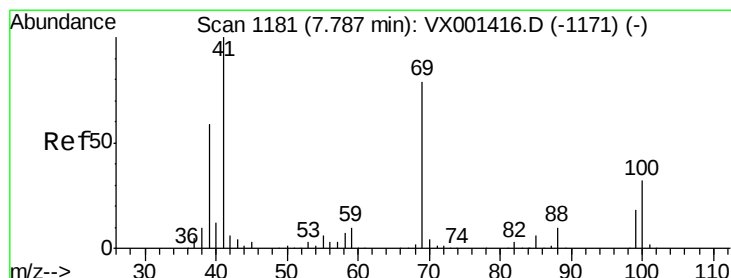
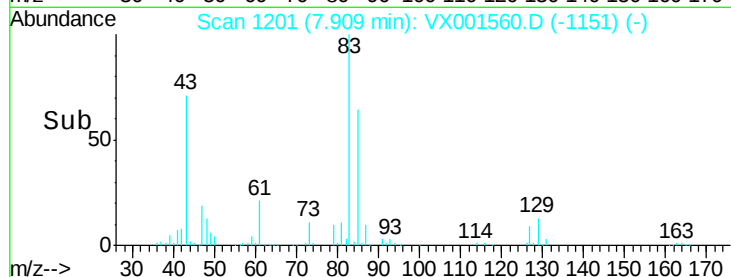
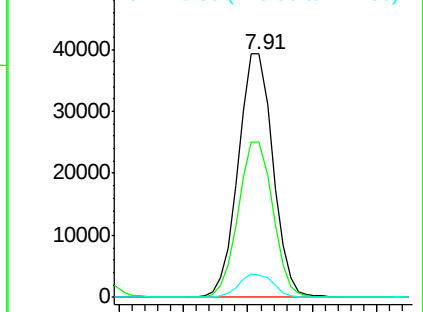
83 100

85 63.7 51.0 76.6

127 9.2 7.4 11.2



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: 19.76 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

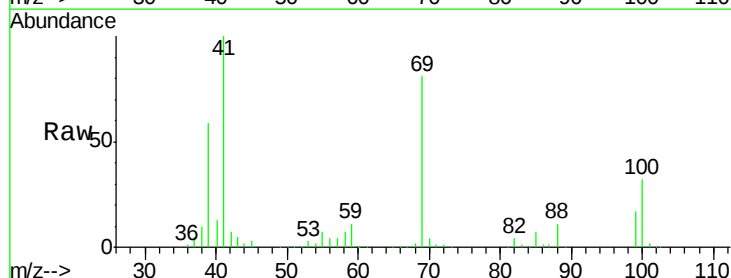
Tgt Ion: 41 Resp: 69042

Ion Ratio Lower Upper

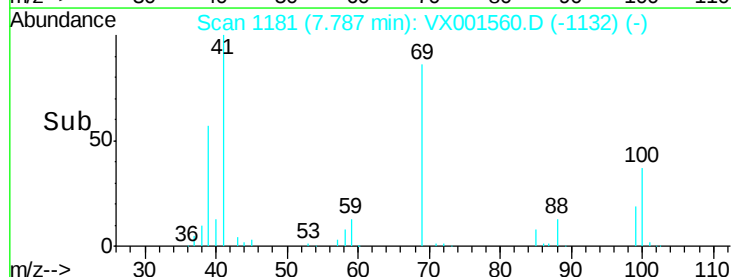
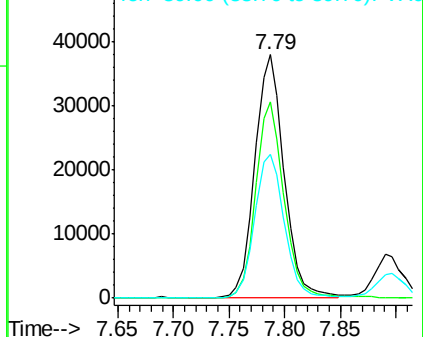
41 100

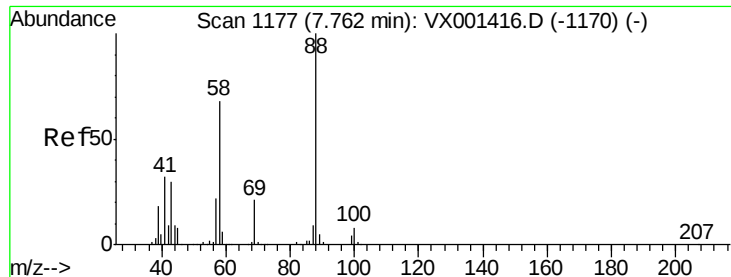
69 79.2 63.4 95.2

39 59.9 47.0 70.4



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

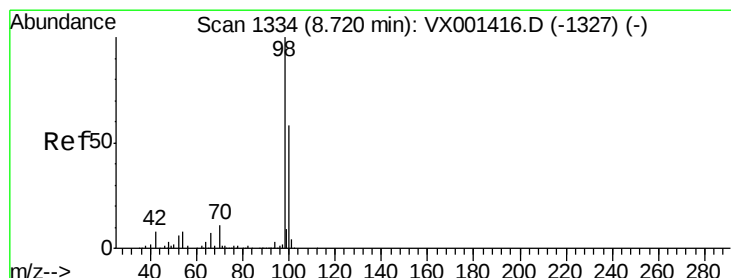
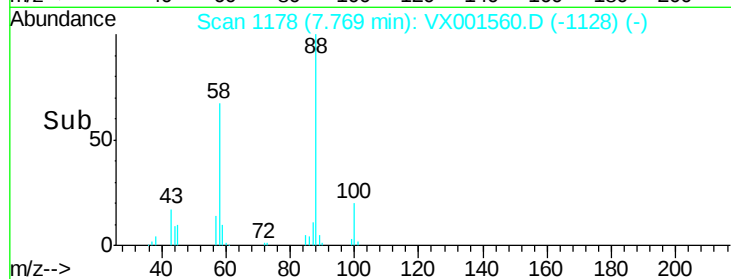
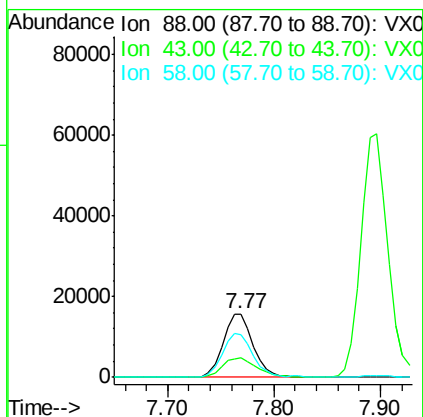
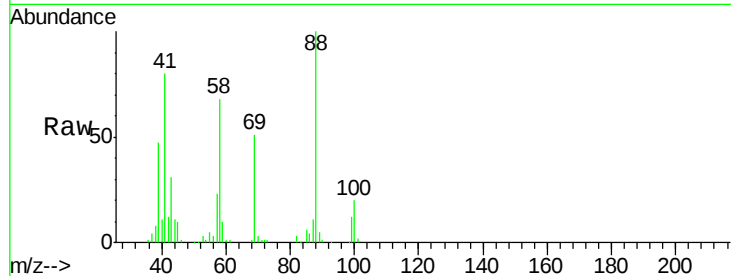




#49
1,4-Dioxane
Concen: 411.32 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

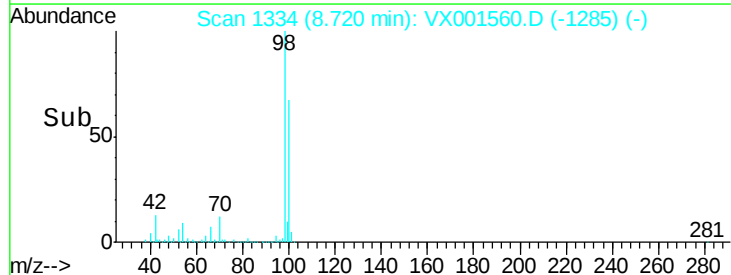
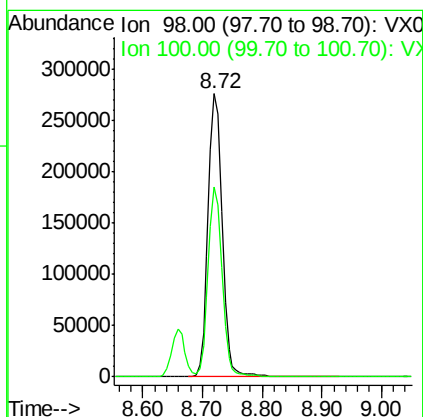
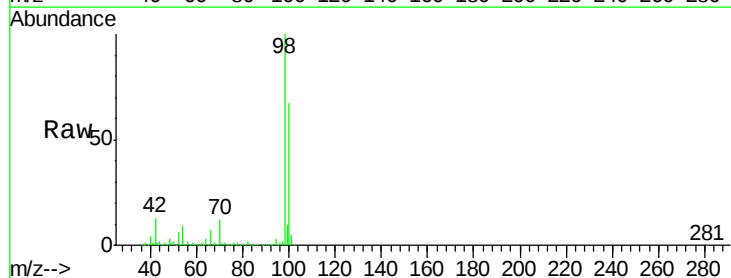
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

Tgt Ion: 88 Resp: 31056
Ion Ratio Lower Upper
88 100
43 35.1 26.4 39.6
58 71.0 54.1 81.1



#50
Toluene-d8
Concen: 46.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion: 98 Resp: 451855
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0

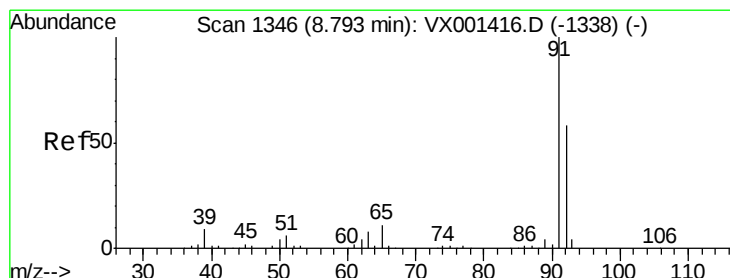
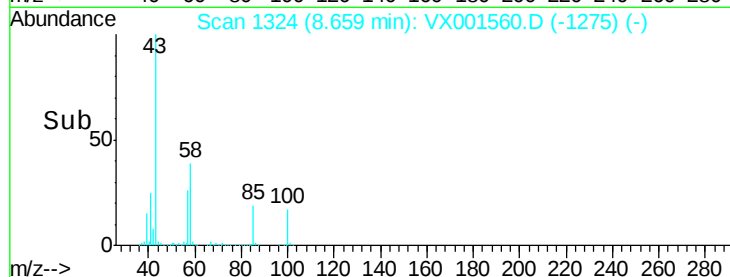
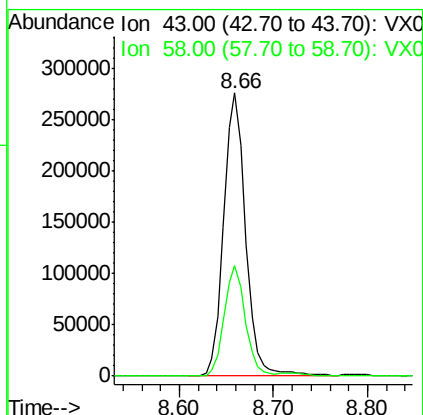
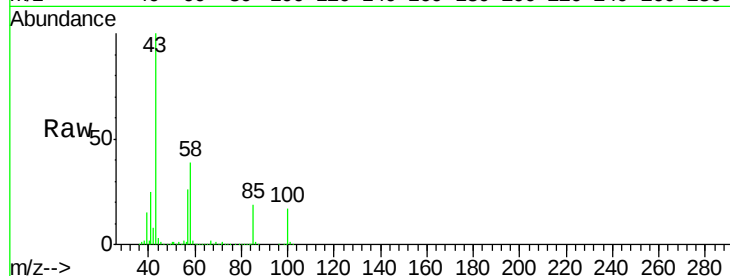




#51
 4-Methyl-2-Pentanone
 Concen: 104.91 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

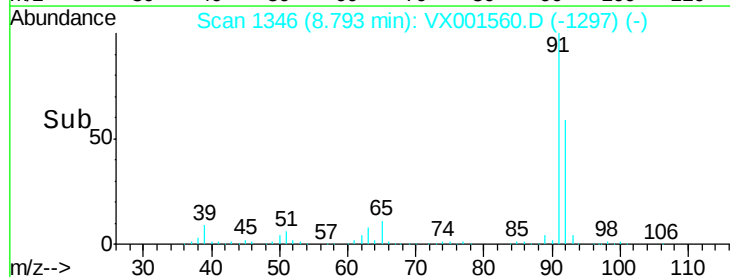
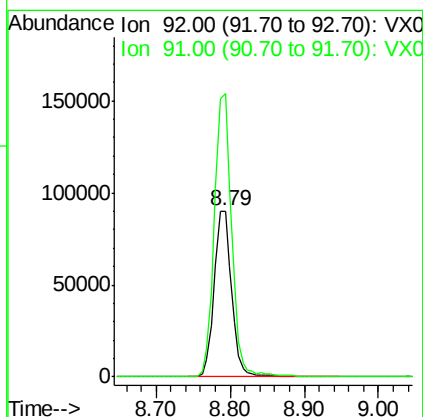
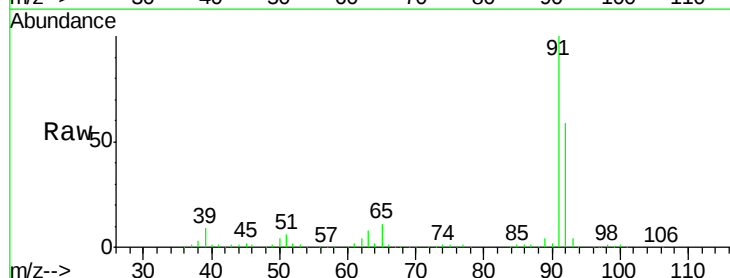
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

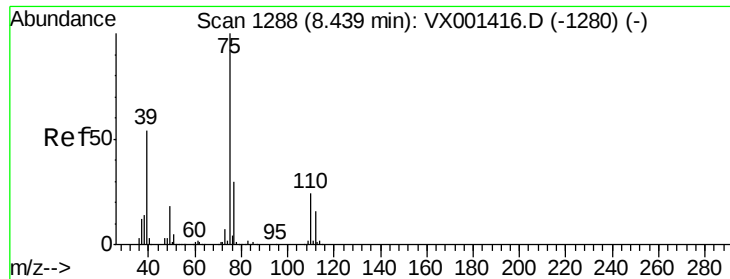
Tgt Ion: 43 Resp: 447448
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.8 46.2



#52
 Toluene
 Concen: 19.96 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion: 92 Resp: 145401
 Ion Ratio Lower Upper
 92 100
 91 169.5 135.2 202.8

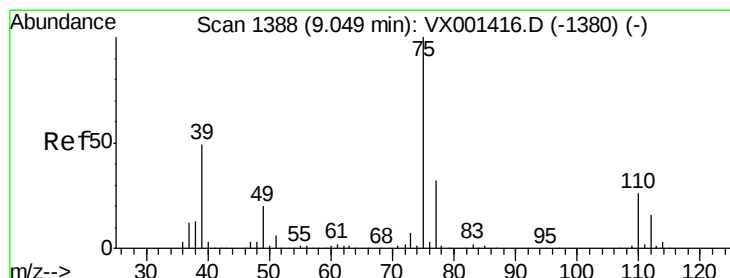
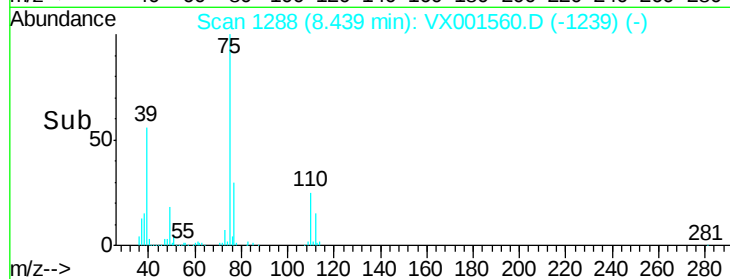
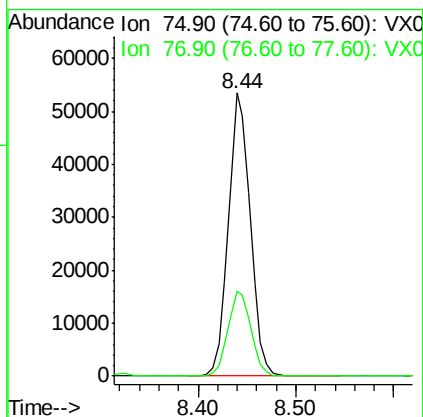
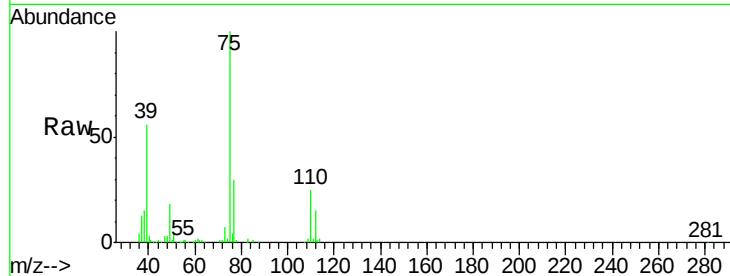




#53
 t-1,3-Dichloropropene
 Concen: 20.19 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

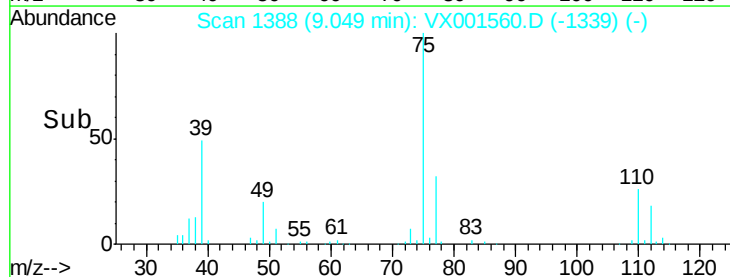
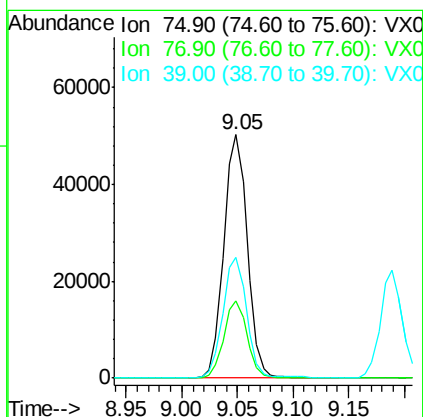
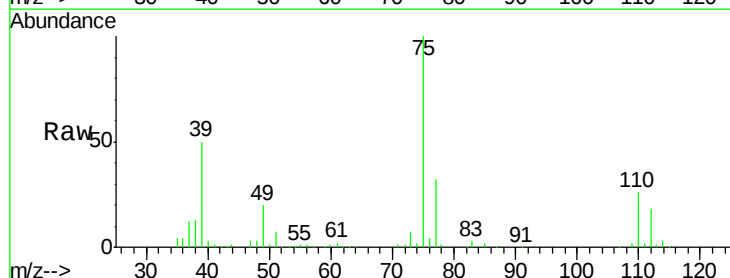
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

Tgt Ion: 75 Resp: 83030
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.76 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion: 75 Resp: 73443
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 49.5 38.9 58.3





#55

1,1,2-Trichloroethane

Concen: 20.22 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

Tgt Ion: 97 Resp: 59338

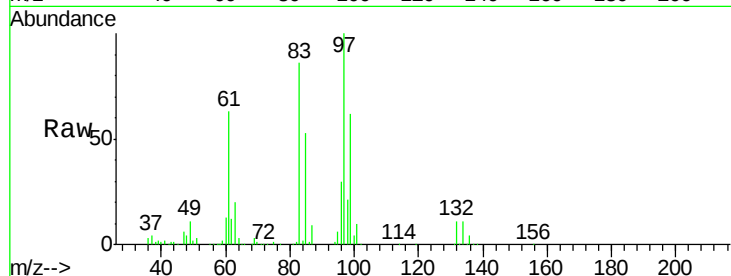
Ion Ratio Lower Upper

97 100

83 86.3 67.4 101.0

85 53.4 43.3 64.9

99 61.8 52.5 78.7

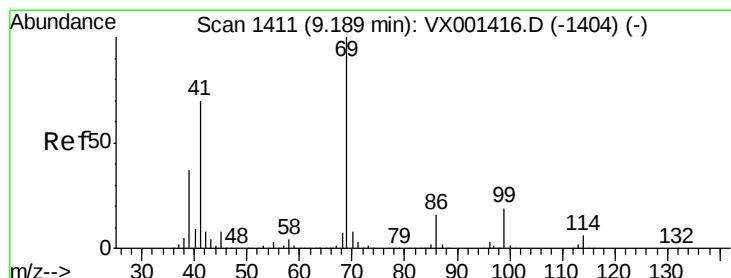
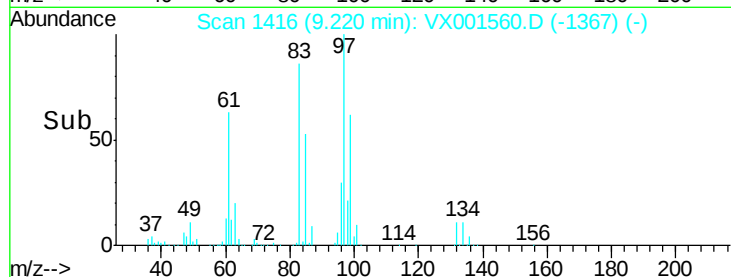
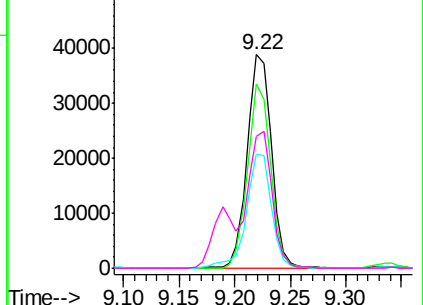


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.37 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

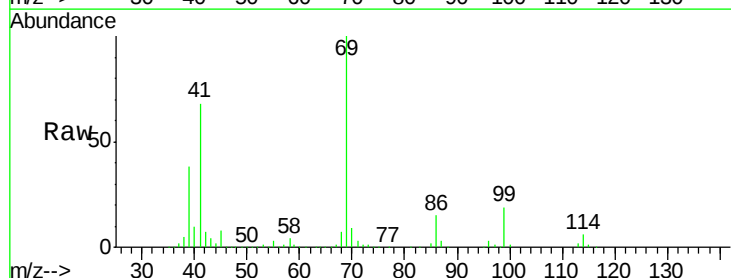
Tgt Ion: 69 Resp: 81930

Ion Ratio Lower Upper

69 100

41 67.8 55.1 82.7

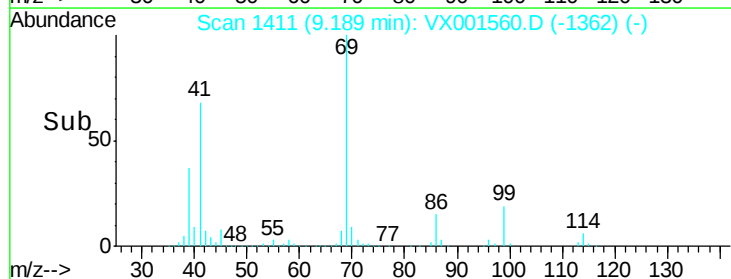
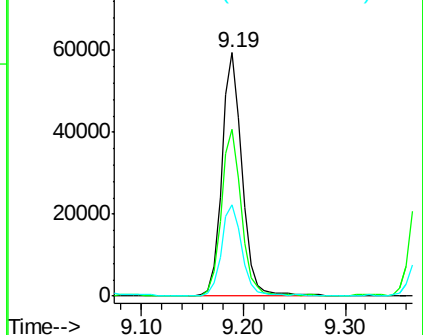
39 38.2 29.9 44.9

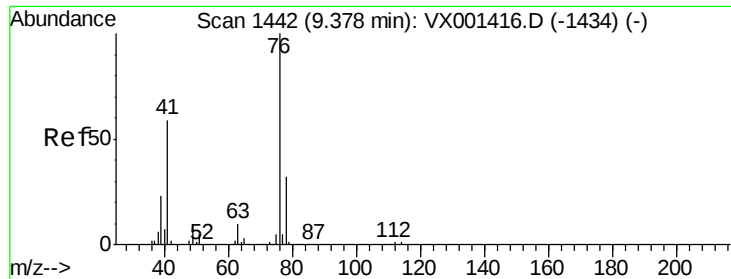


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.10 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

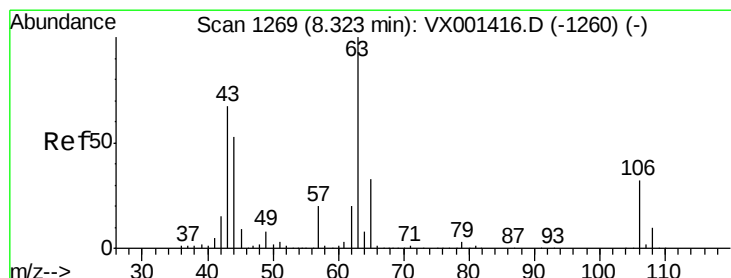
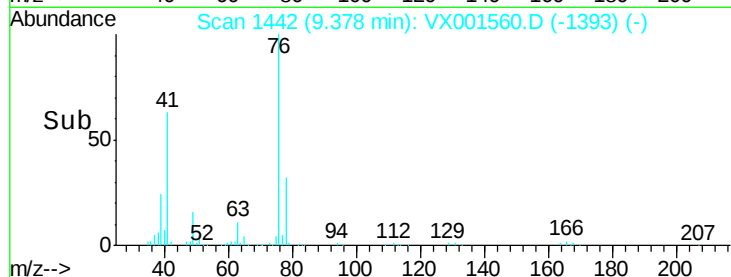
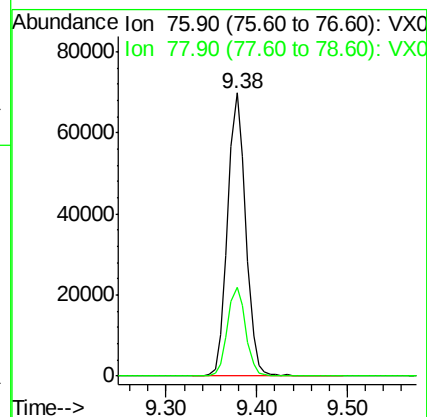
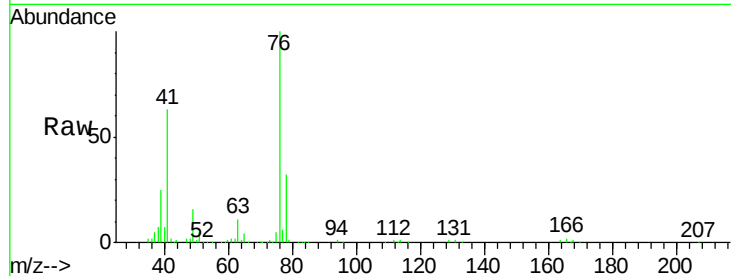
VX0509WBSD01

Tgt Ion: 76 Resp: 97547

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 108.76 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001560.D

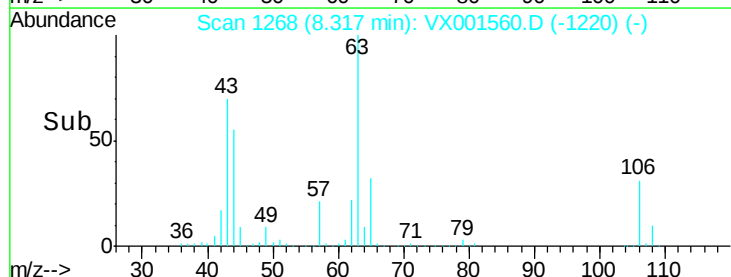
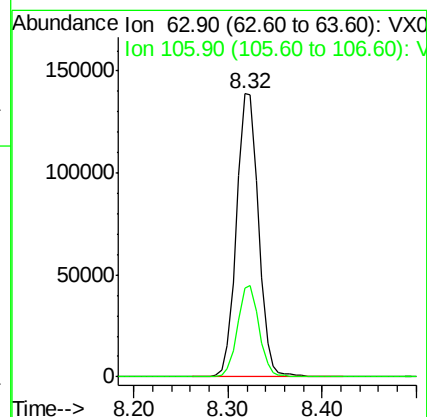
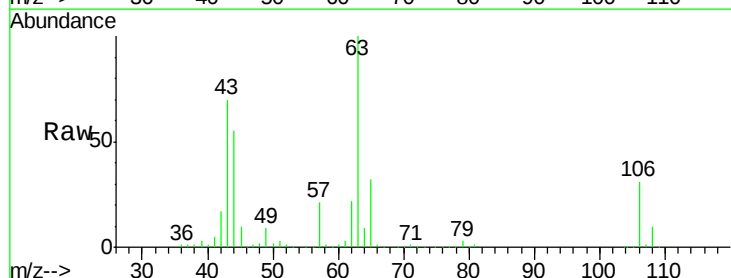
Acq: 09 May 2018 17:32

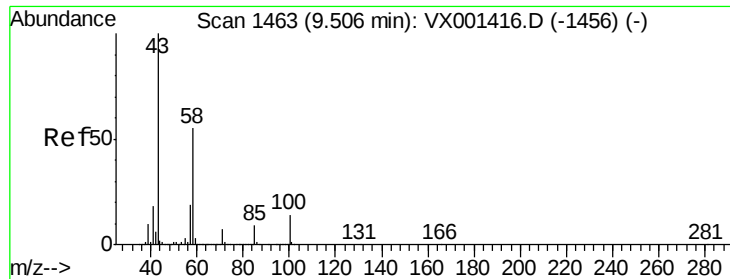
Tgt Ion: 63 Resp: 225664

Ion Ratio Lower Upper

63 100

106 31.4 25.4 38.0

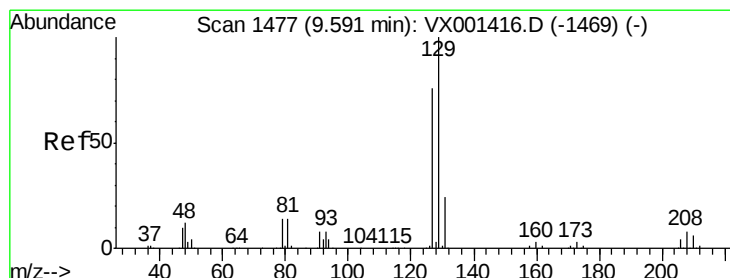
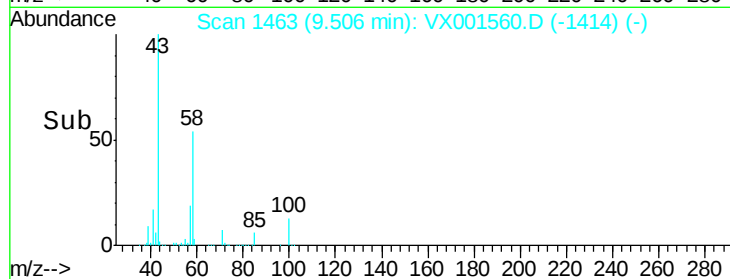
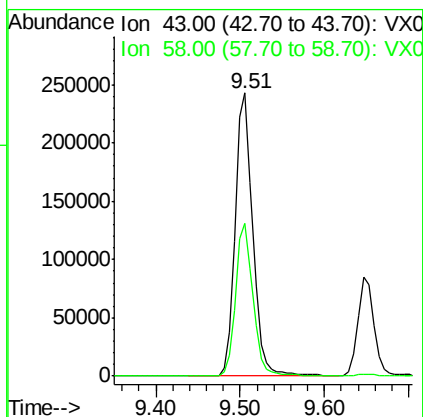
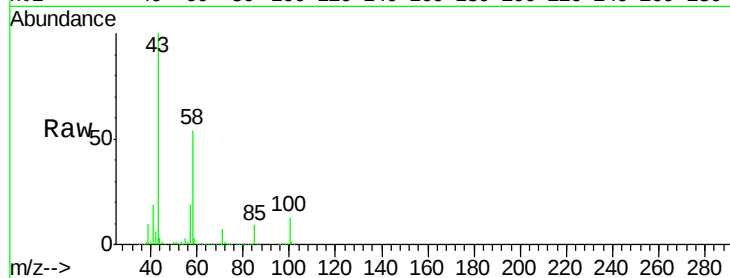




#59
2-Hexanone
Concen: 104.71 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

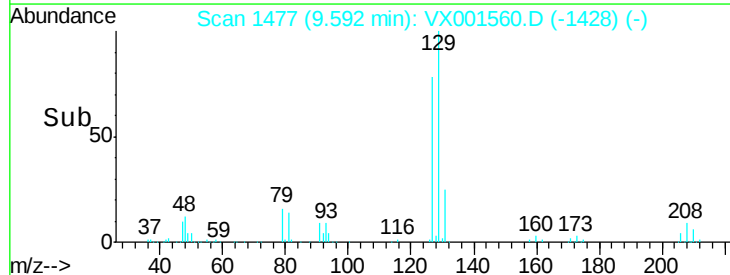
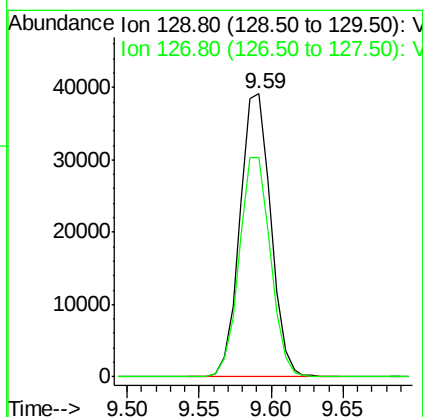
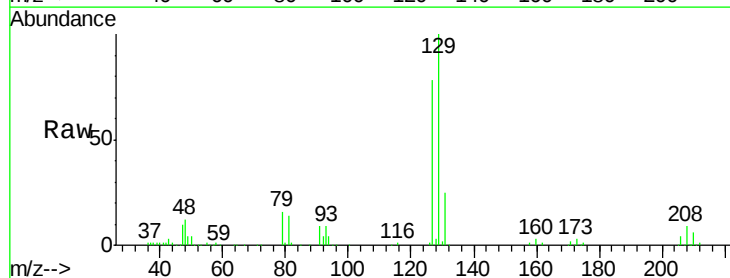
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

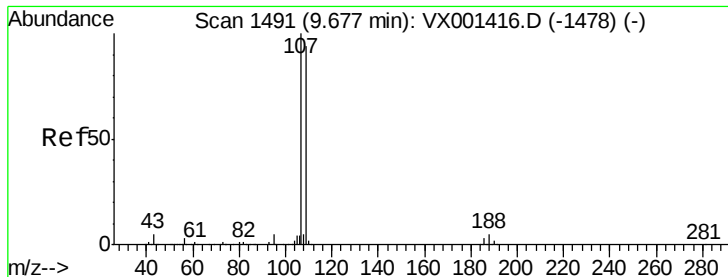
Tgt Ion: 43 Resp: 341957
Ion Ratio Lower Upper
43 100
58 53.4 27.1 81.2



#60
Dibromochloromethane
Concen: 19.32 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion: 129 Resp: 58069
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.13 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

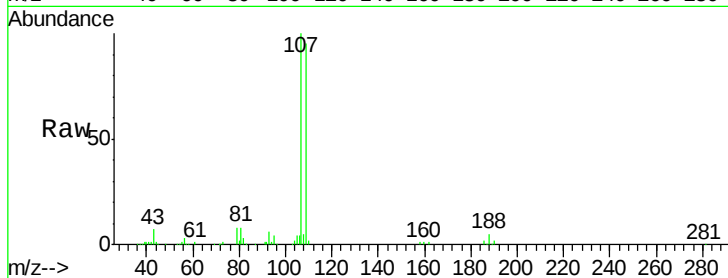
VX0509WBSD01

Tgt Ion: 107 Resp: 62038

Ion Ratio Lower Upper

107 100

109 94.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

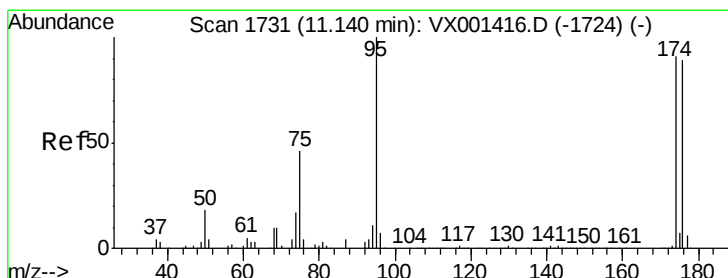
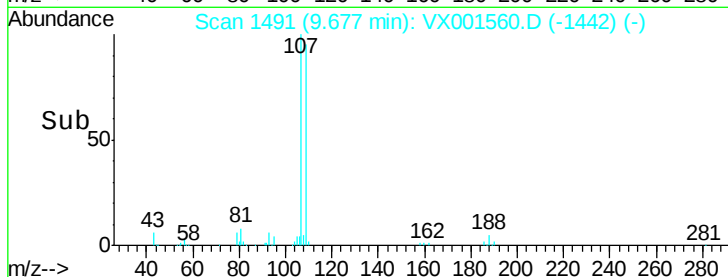
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 44.95 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

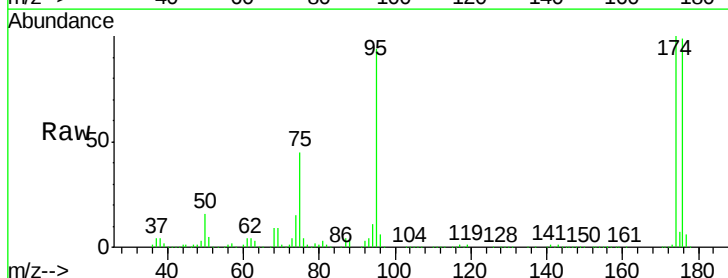
Tgt Ion: 95 Resp: 167998

Ion Ratio Lower Upper

95 100

174 100.8 0.0 202.0

176 99.5 0.0 197.4



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

11.15

150000

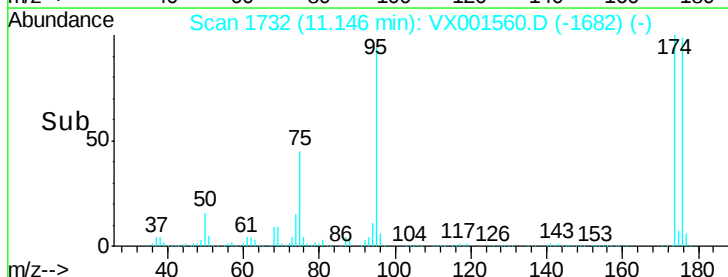
100000

50000

0

Time-->

11.10 11.20

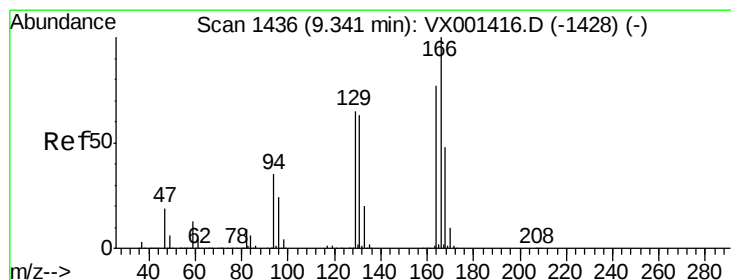
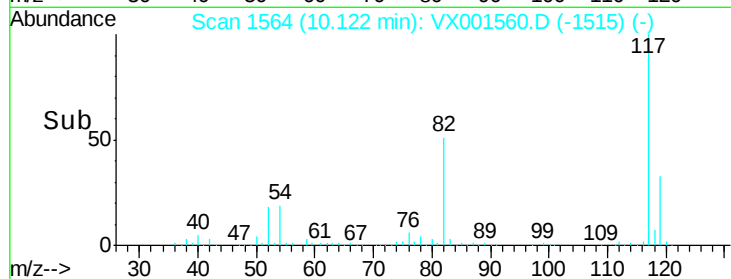
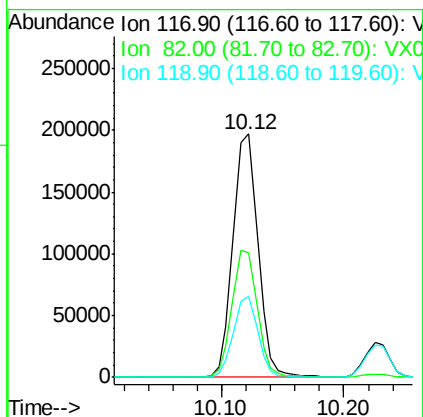
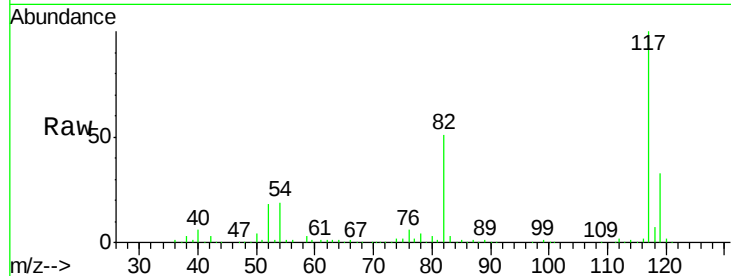




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

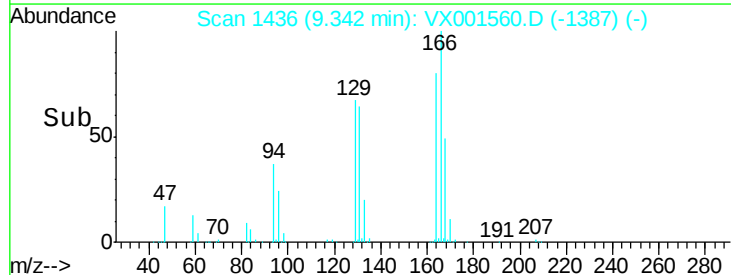
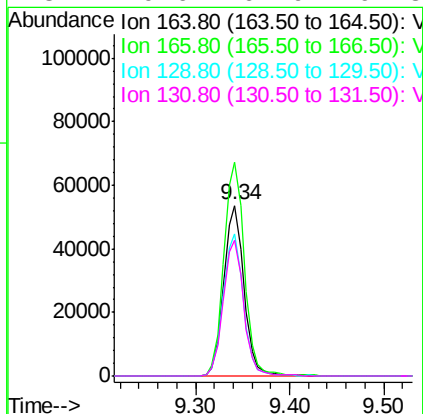
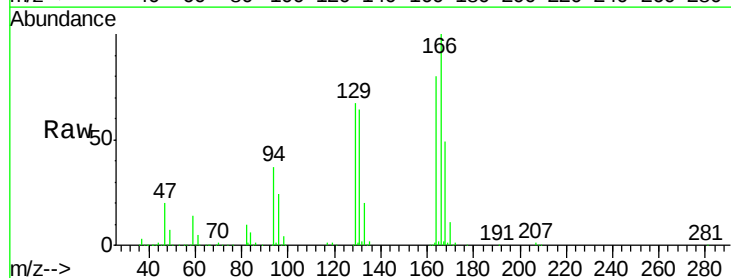
Instrument :
MSVOA_X
ClientSampled :
VX0509WBSD01

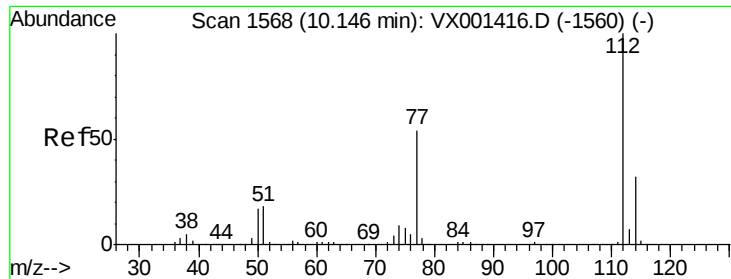
Tgt Ion:117 Resp: 280577
Ion Ratio Lower Upper
117 100
82 50.9 40.0 60.0
119 33.5 25.8 38.8



#64
Tetrachloroethene
Concen: 20.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion:164 Resp: 79982
Ion Ratio Lower Upper
164 100
166 125.2 103.5 155.3
129 83.4 66.7 100.1
131 79.6 64.9 97.3





#65

Chlorobenzene

Concen: 20.00 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

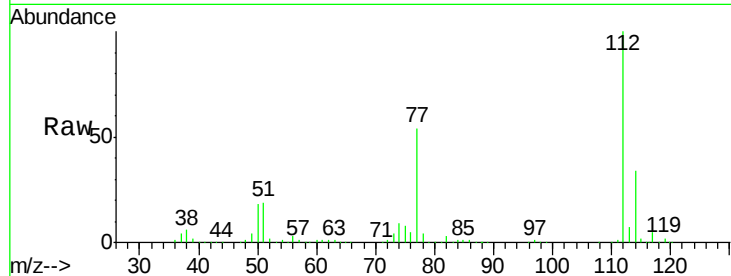
VX0509WBSD01

Tgt Ion:112 Resp: 164567

Ion Ratio Lower Upper

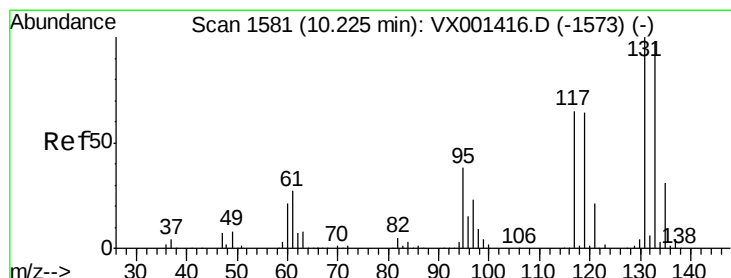
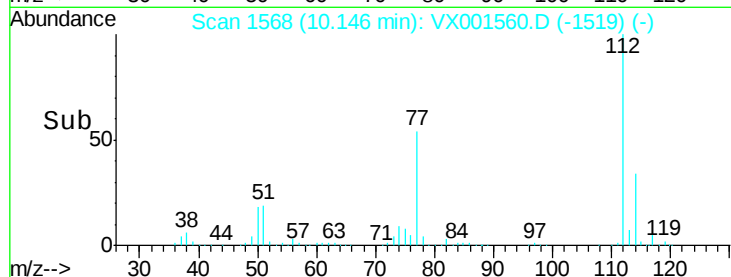
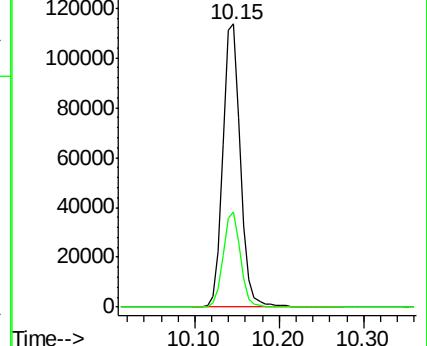
112 100

114 33.7 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.79 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

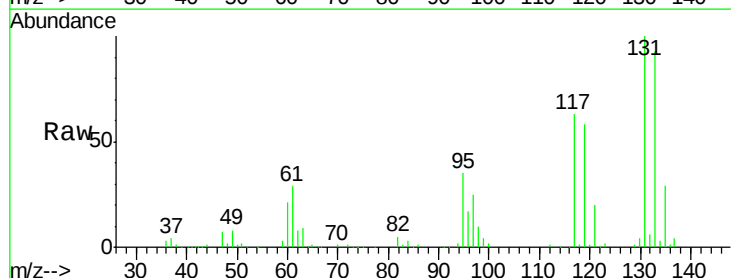
Tgt Ion:131 Resp: 61179

Ion Ratio Lower Upper

131 100

133 94.6 47.9 143.8

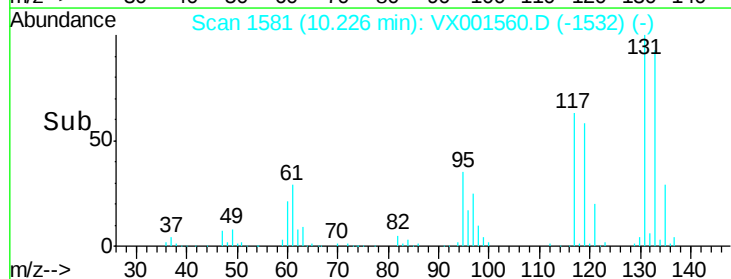
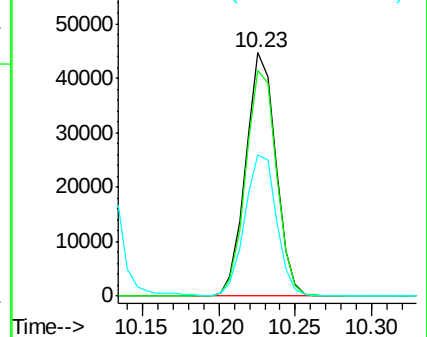
119 61.1 31.1 93.3

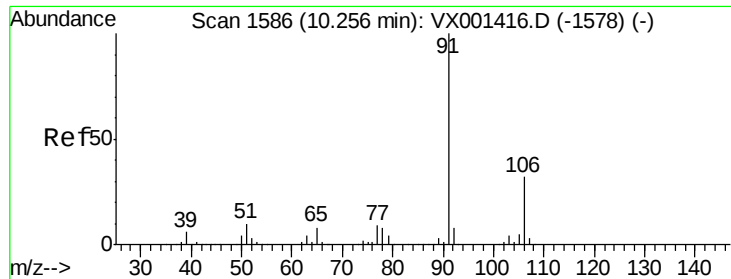


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

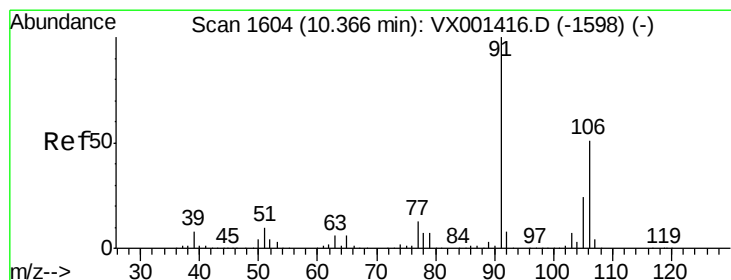
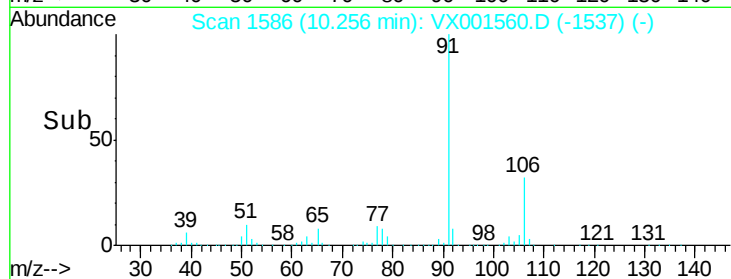
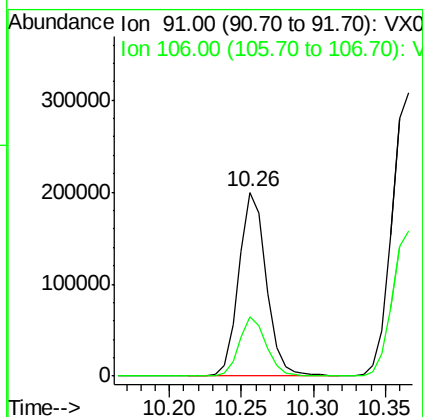
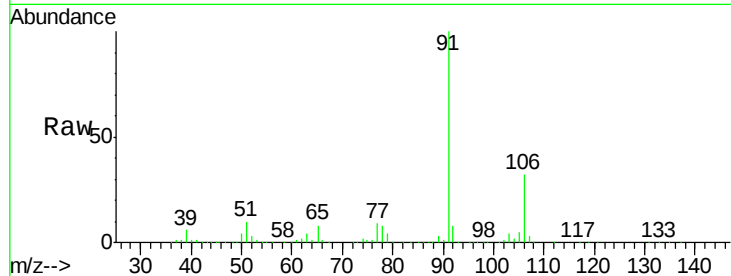




#67
Ethyl Benzene
Concen: 19.76 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

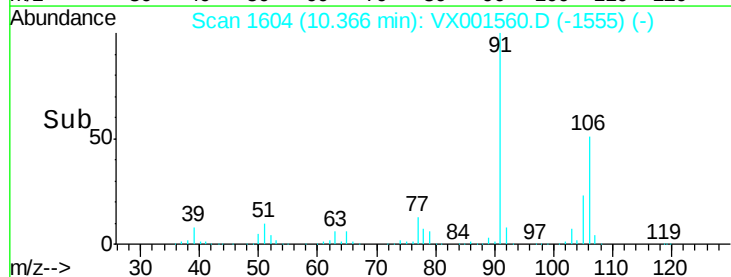
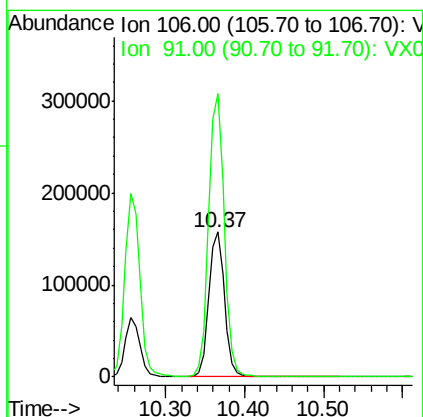
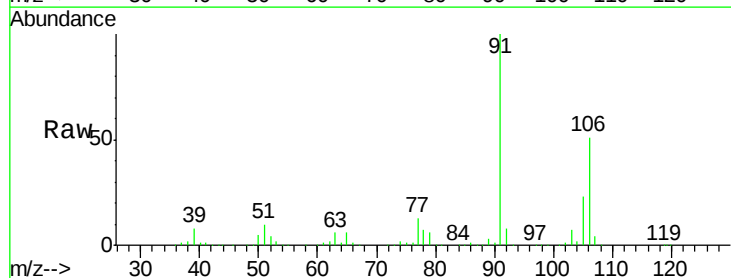
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

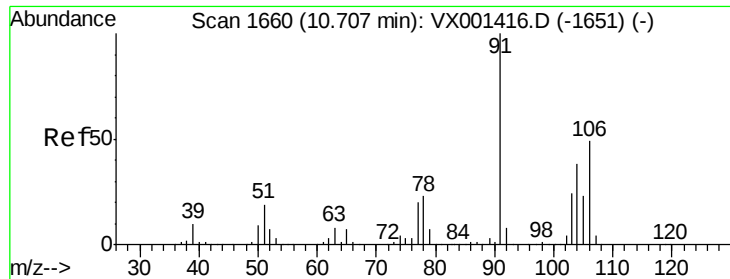
Tgt Ion: 91 Resp: 266541
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 40.64 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion: 106 Resp: 216567
Ion Ratio Lower Upper
106 100
91 195.7 157.5 236.3

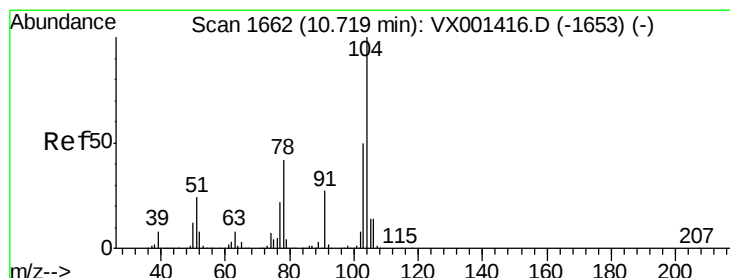
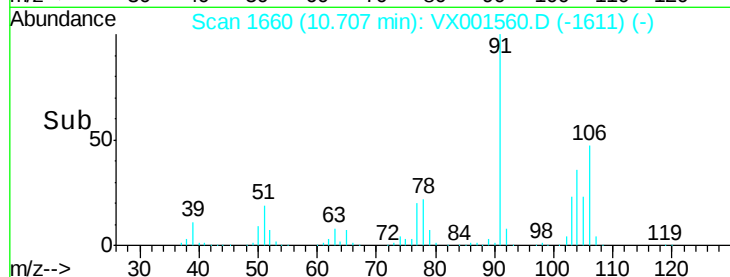
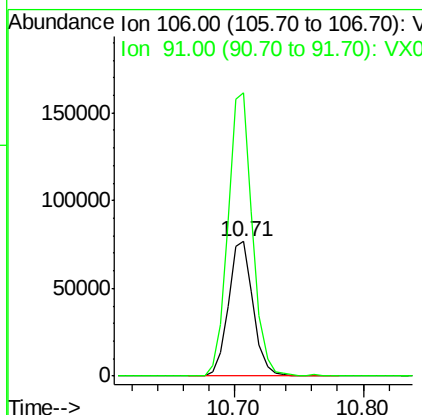
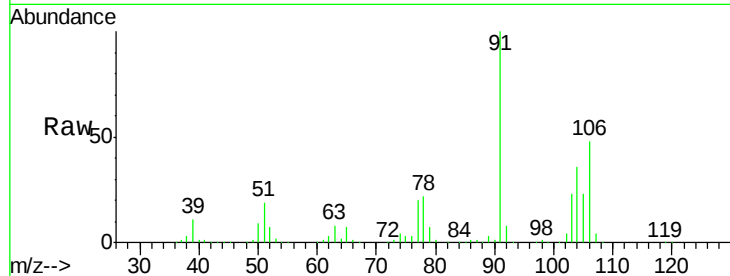




#69
o-Xylene
Concen: 19.90 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

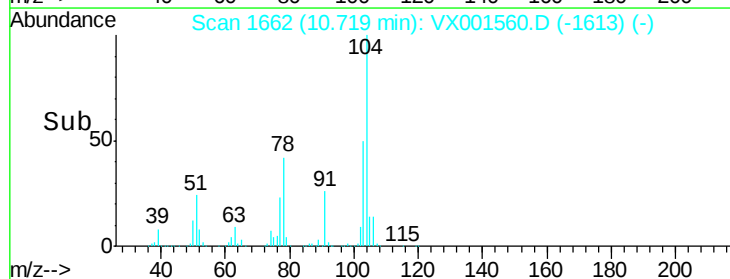
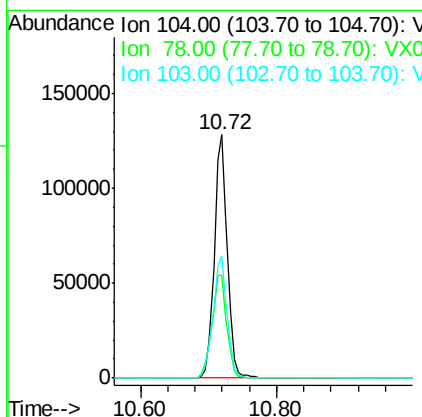
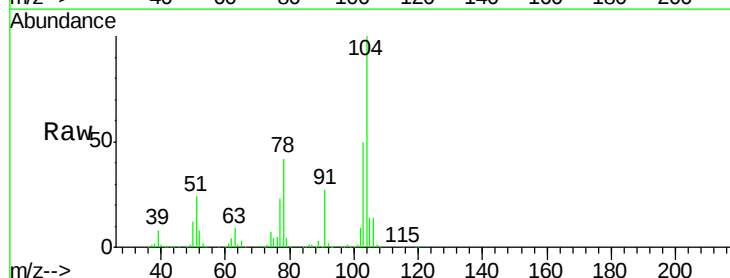
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

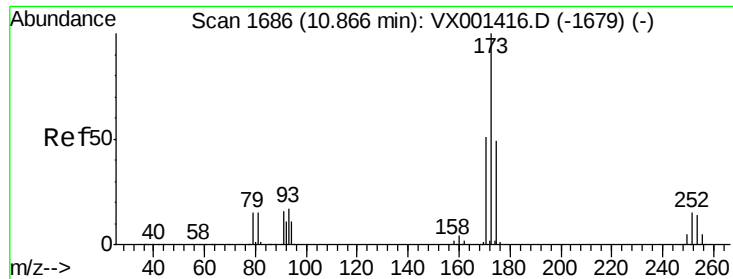
Tgt Ion:106 Resp: 103085
Ion Ratio Lower Upper
106 100
91 209.4 103.1 309.1



#70
Styrene
Concen: 20.21 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion:104 Resp: 170024
Ion Ratio Lower Upper
104 100
78 48.5 38.6 58.0
103 54.4 44.0 66.0





#71

Bromoform

Concen: 18.58 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

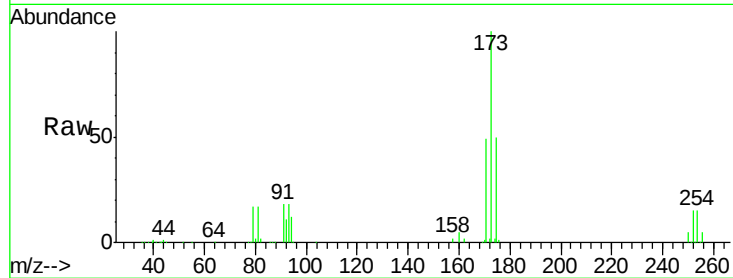
Tgt Ion:173 Resp: 45770

Ion Ratio Lower Upper

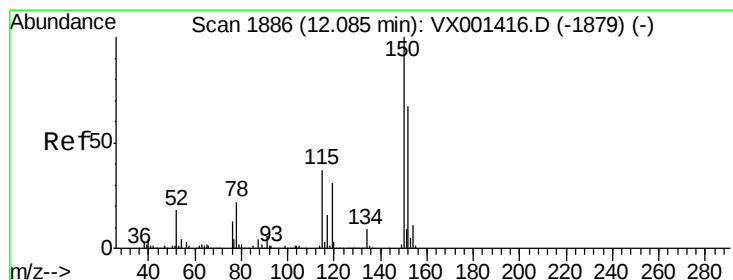
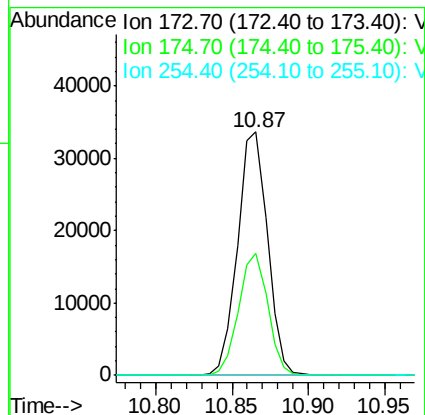
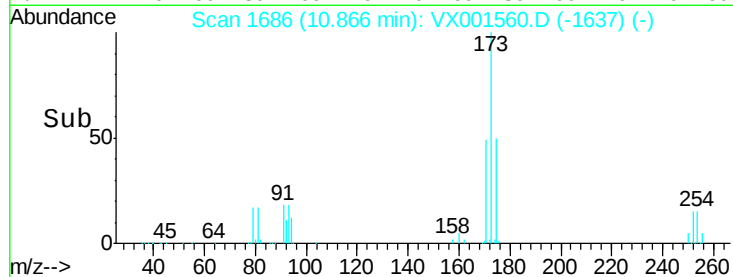
173 100

175 49.1 24.5 73.5

254 0.1 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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

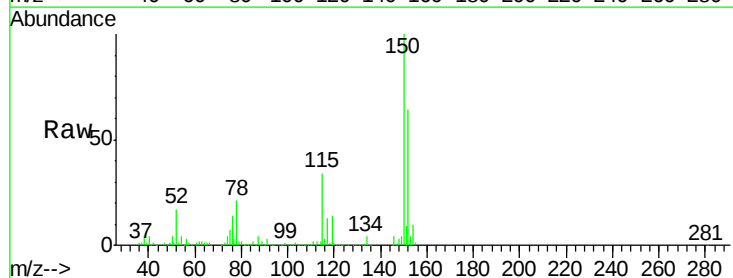
Tgt Ion:152 Resp: 200100

Ion Ratio Lower Upper

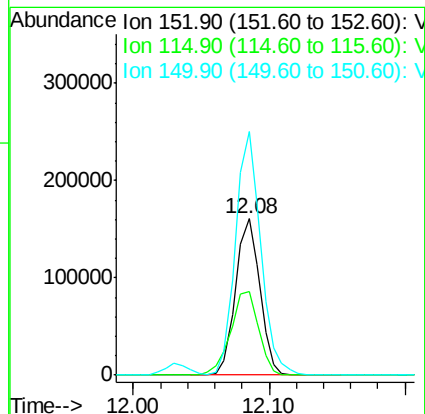
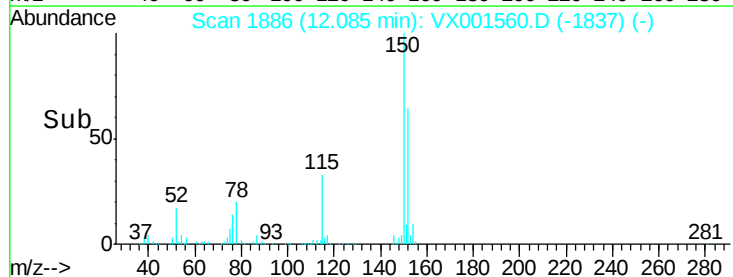
152 100

115 62.0 37.7 113.1

150 161.5 0.0 349.4



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





#73

Isopropylbenzene

Concen: 20.23 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

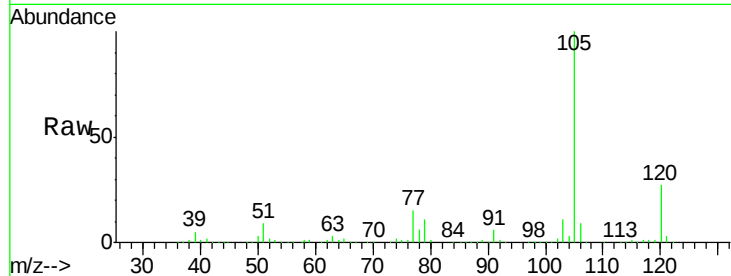
VX0509WBSD01

Tgt Ion: 105 Resp: 280288

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

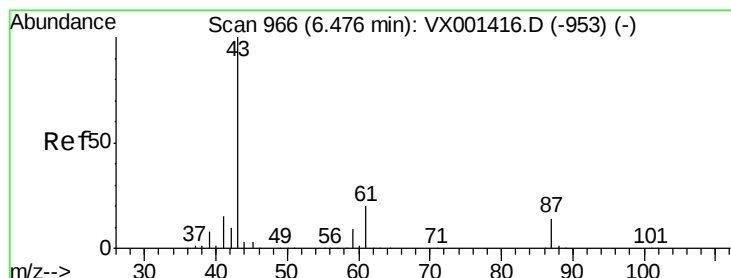
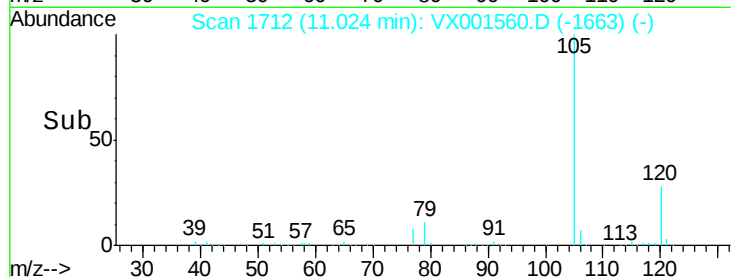
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.51 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Tgt Ion: 43 Resp: 129037

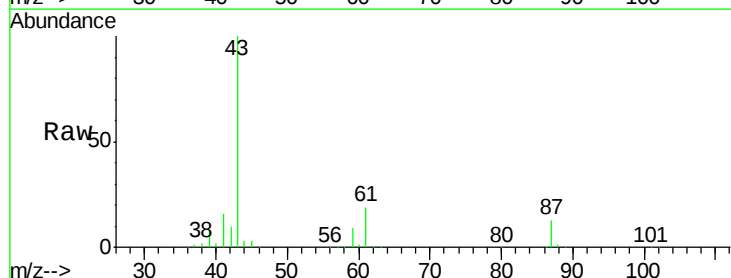
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.2 15.4 23.0



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

80000

60000

40000

20000

0

6.48

6.30

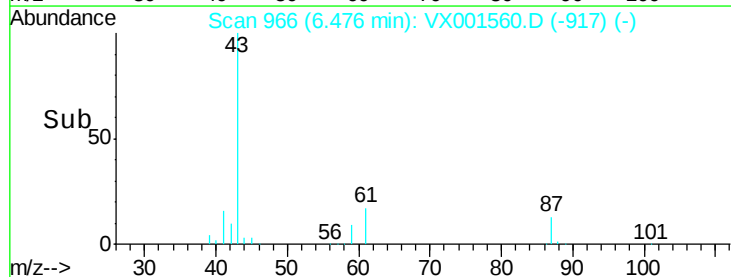
6.40

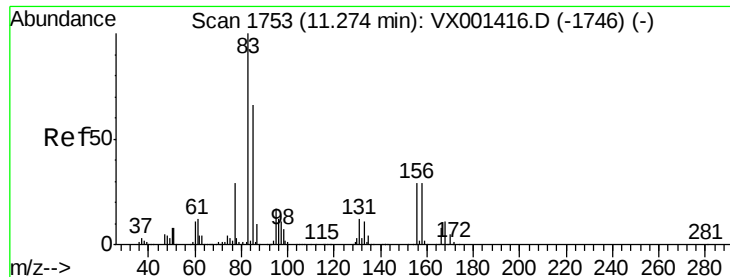
6.50

6.60

6.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.88 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

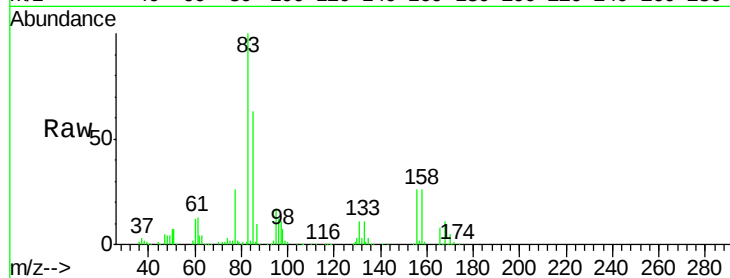
Tgt Ion: 83 Resp: 85411

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

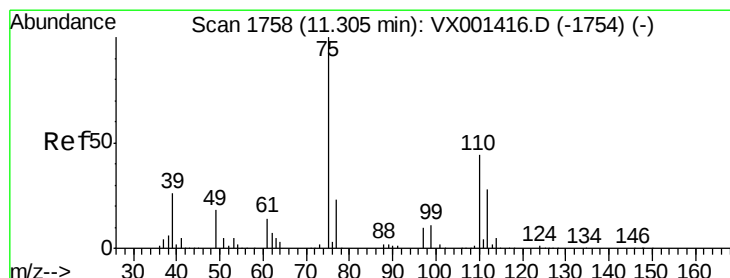
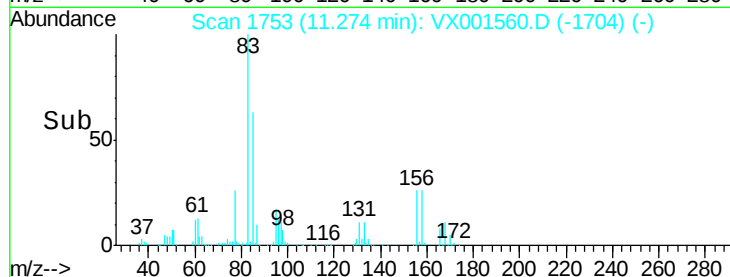
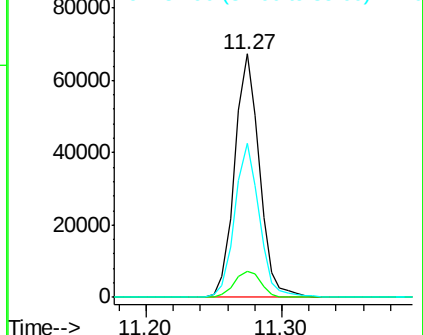
85 62.8 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.24 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001560.D

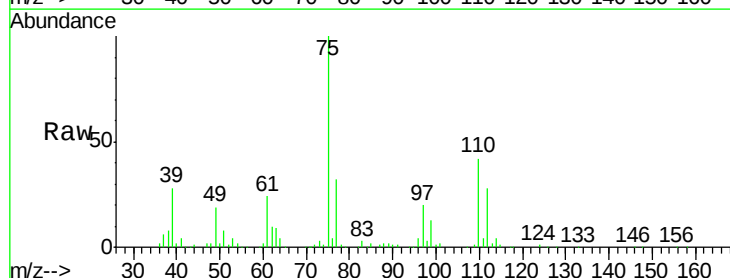
Acq: 09 May 2018 17:32

Tgt Ion: 75 Resp: 98382

Ion Ratio Lower Upper

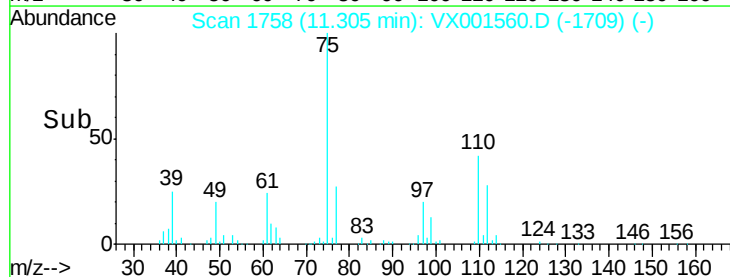
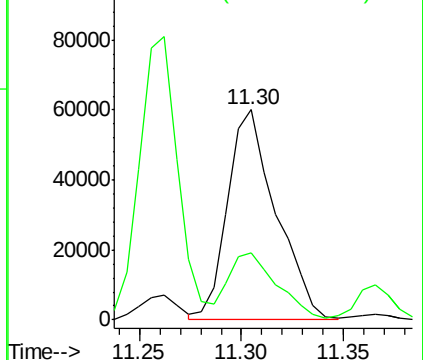
75 100

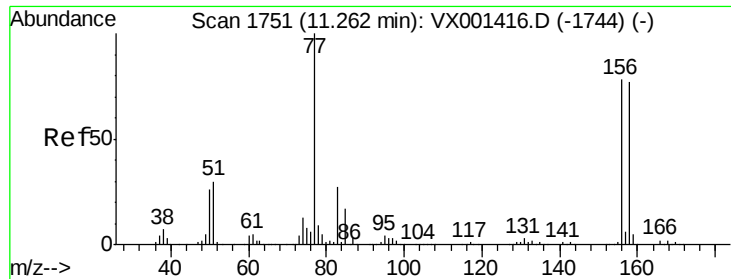
77 31.9 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.61 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

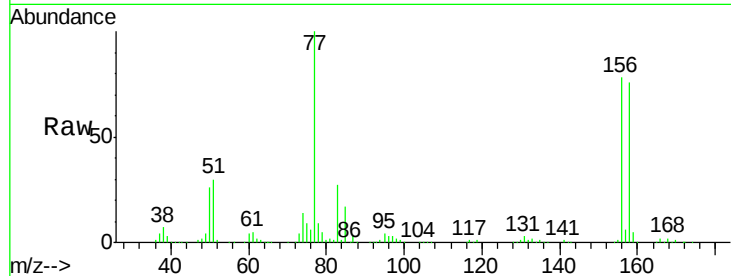
Tgt Ion:156 Resp: 78972

Ion Ratio Lower Upper

156 100

77 135.2 66.0 198.2

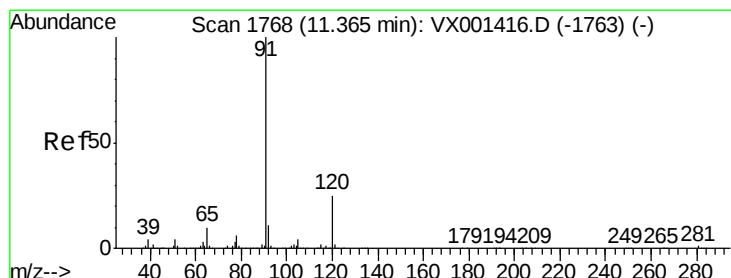
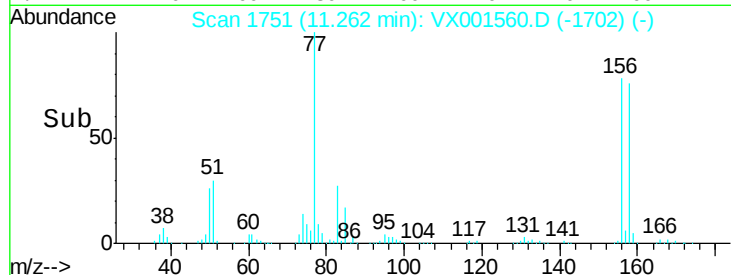
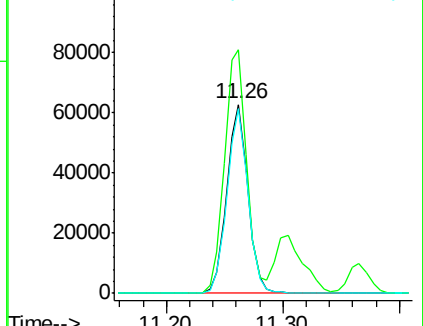
158 97.1 49.4 148.2



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: 20.45 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001560.D

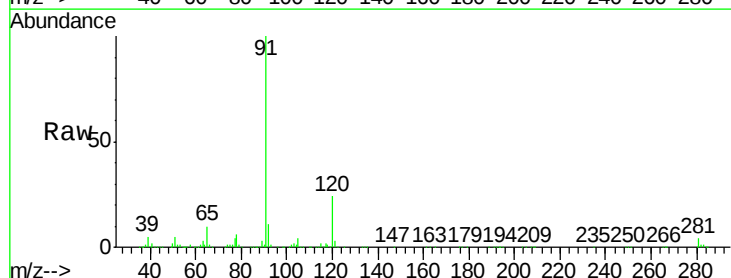
Acq: 09 May 2018 17:32

Tgt Ion: 91 Resp: 308521

Ion Ratio Lower Upper

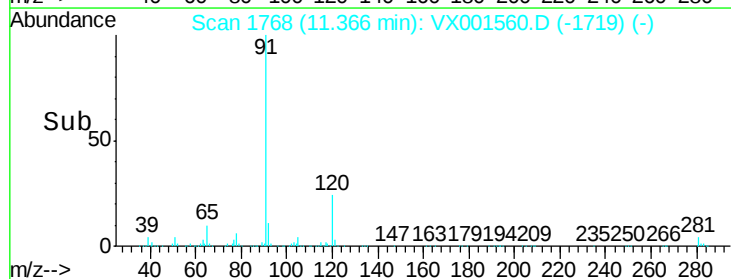
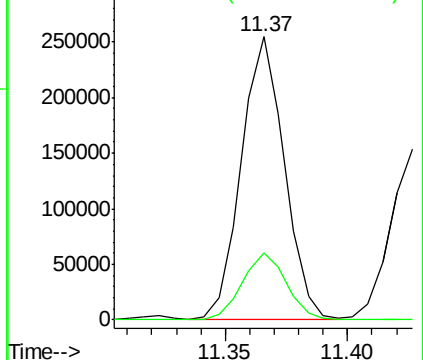
91 100

120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.02 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

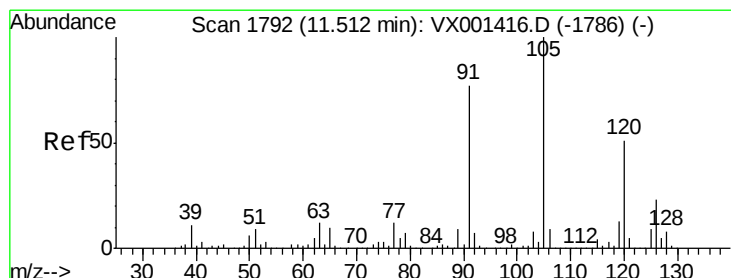
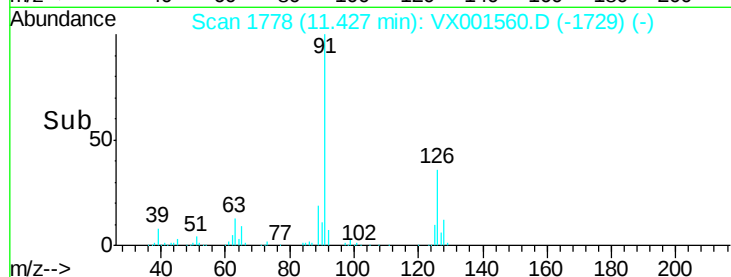
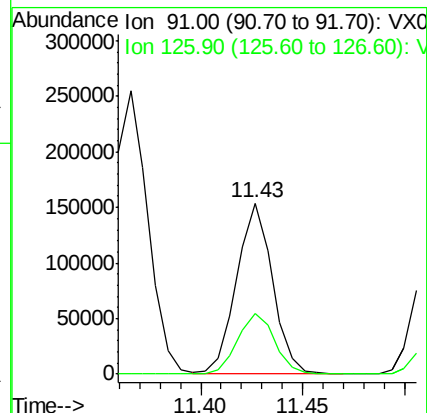
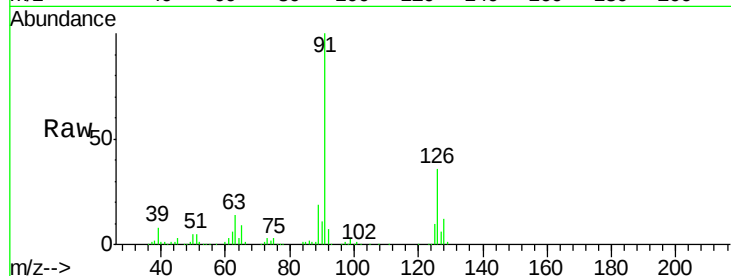
VX0509WBSD01

Tgt Ion: 91 Resp: 185861

Ion Ratio Lower Upper

91 100

126 37.0 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 20.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001560.D

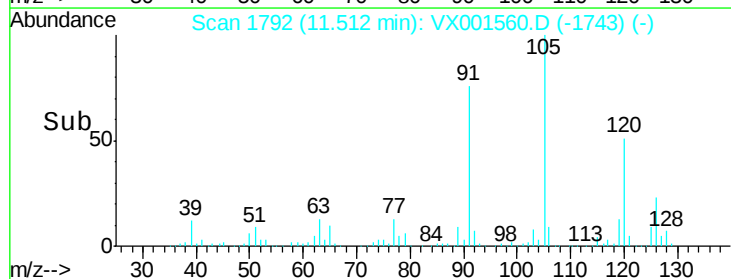
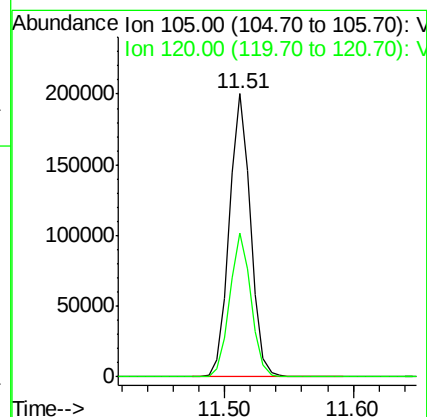
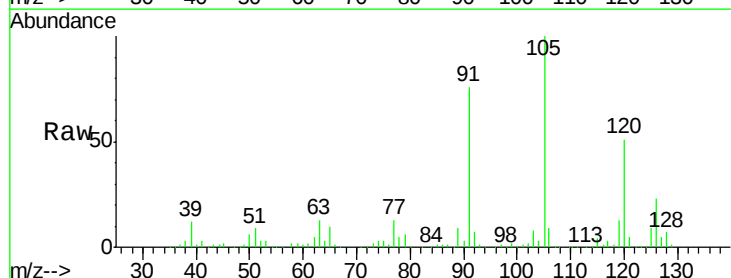
Acq: 09 May 2018 17:32

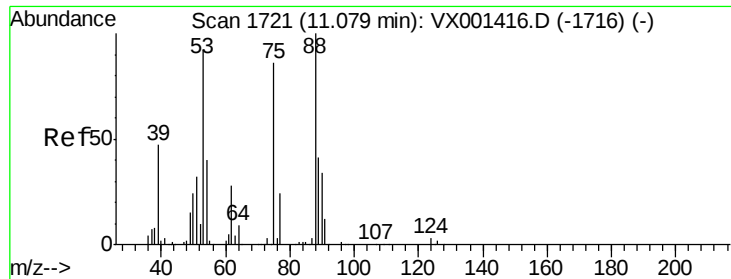
Tgt Ion: 105 Resp: 232498

Ion Ratio Lower Upper

105 100

120 51.4 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.78 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

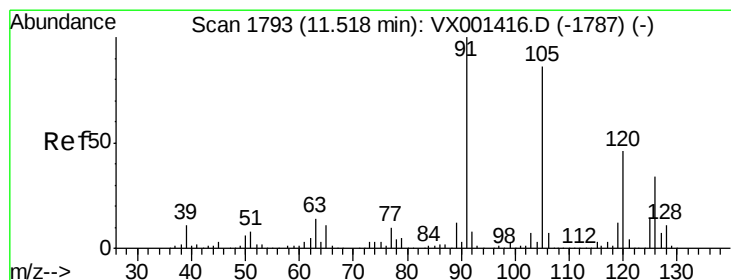
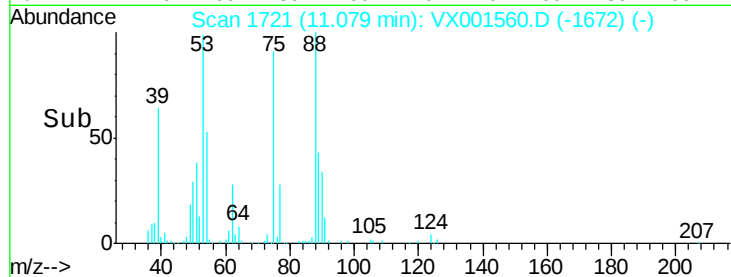
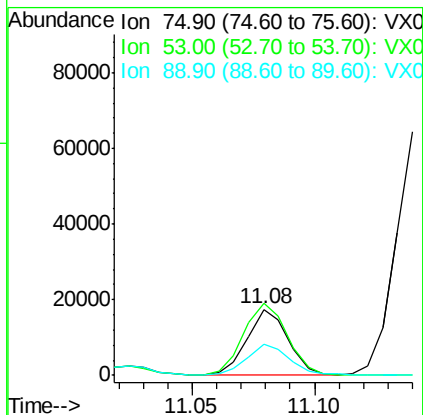
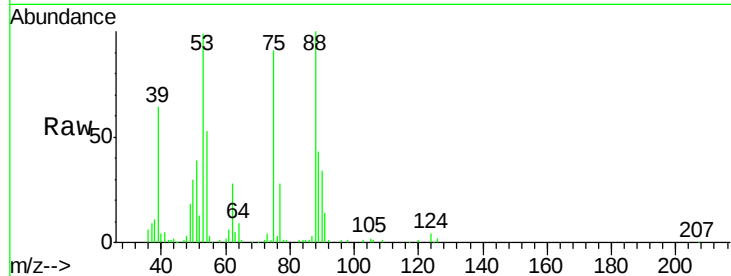
Tgt Ion: 75 Resp: 20173

Ion Ratio Lower Upper

75 100

53 117.0 84.5 126.7

89 51.1 39.5 59.3



#82

4-Chlorotoluene

Concen: 20.25 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001560.D

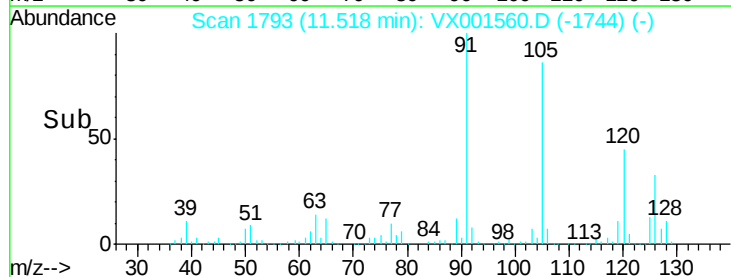
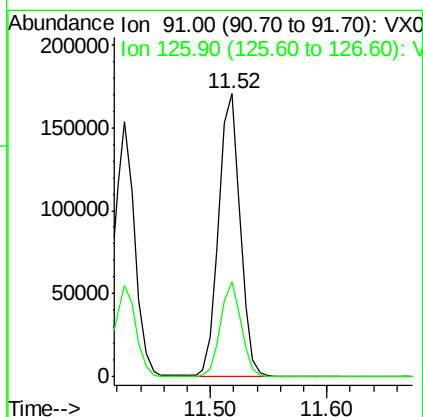
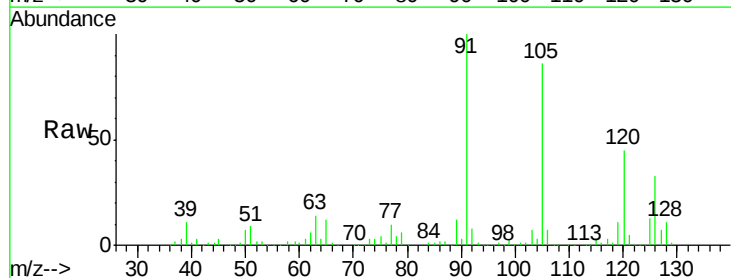
Acq: 09 May 2018 17:32

Tgt Ion: 91 Resp: 216841

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.5

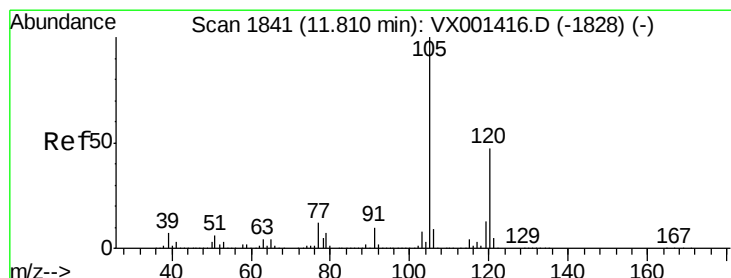
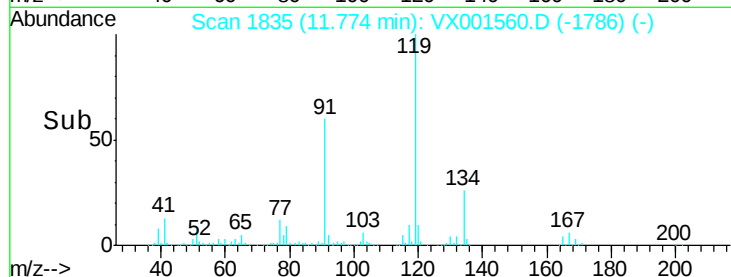
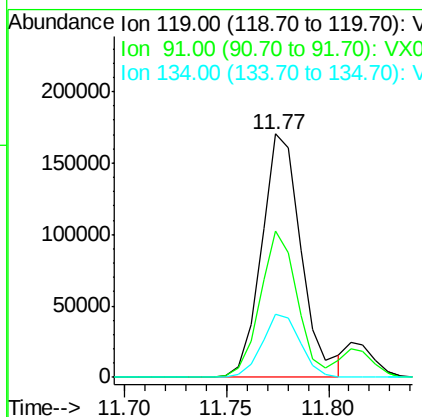
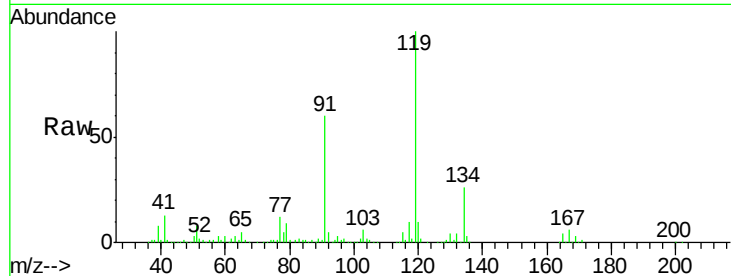




#83
 tert-Butylbenzene
 Concen: 20.12 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

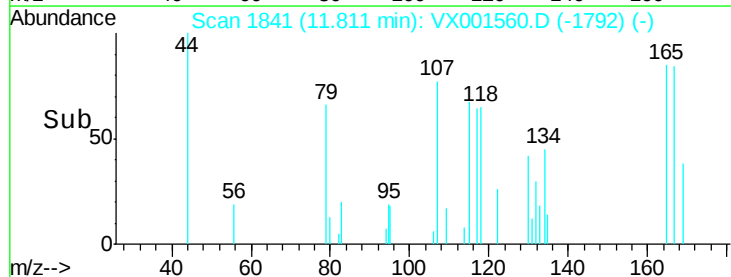
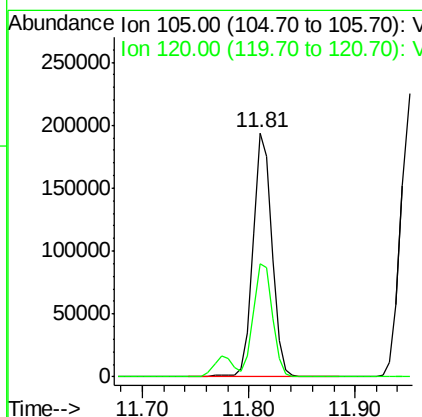
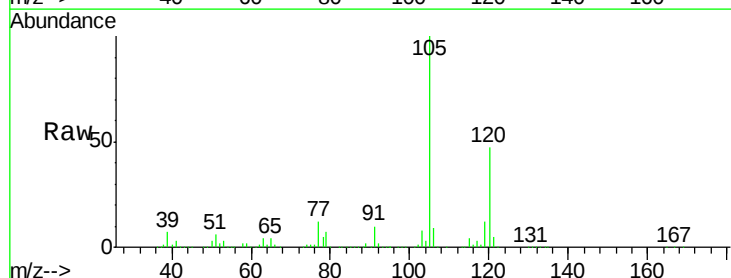
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

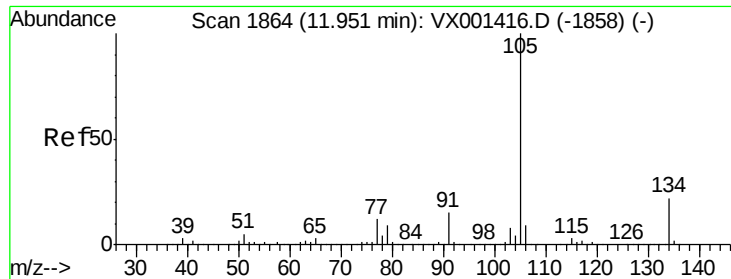
Tgt Ion:119 Resp: 230834
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.8 83.3
 134 25.1 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.40 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion:105 Resp: 241812
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.2

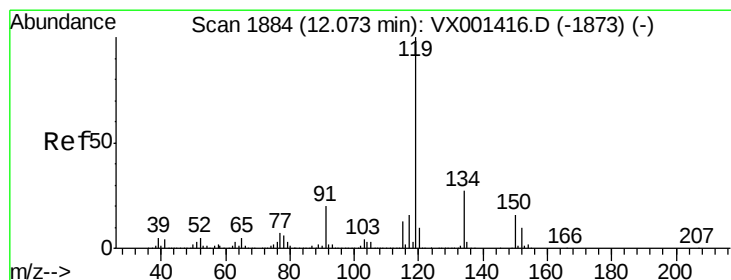
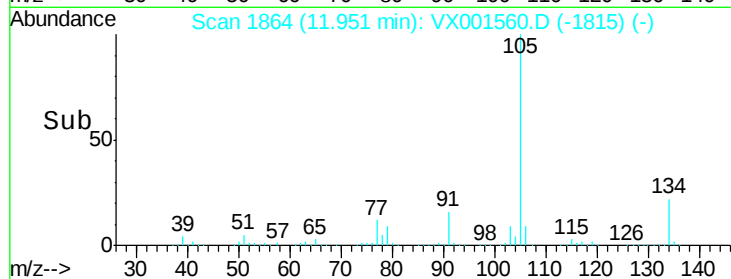
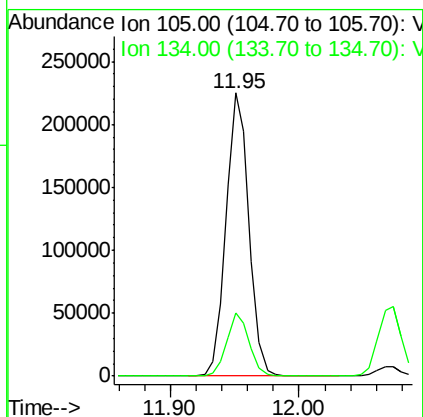
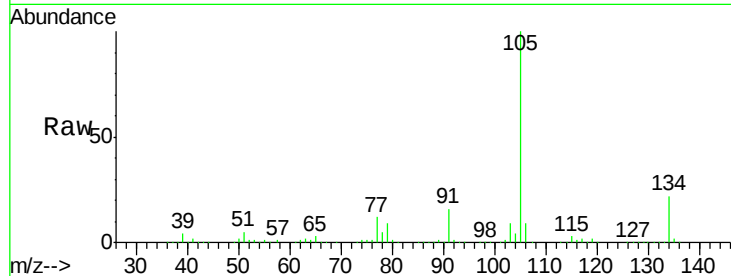




#85
 sec-Butylbenzene
 Concen: 20.39 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

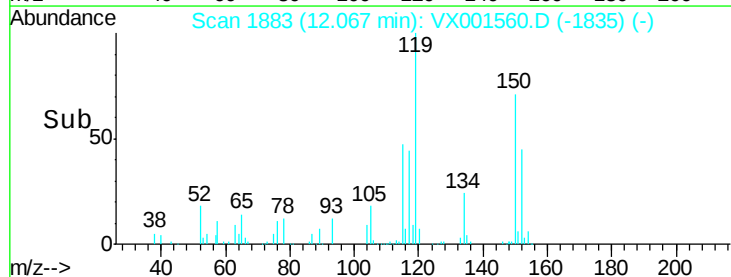
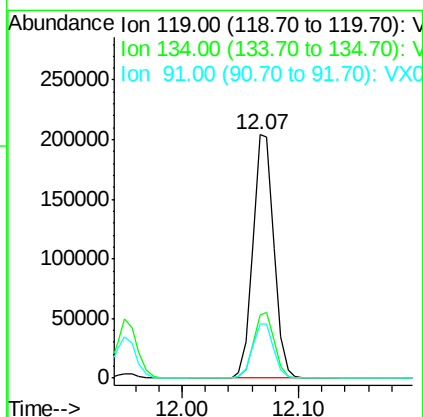
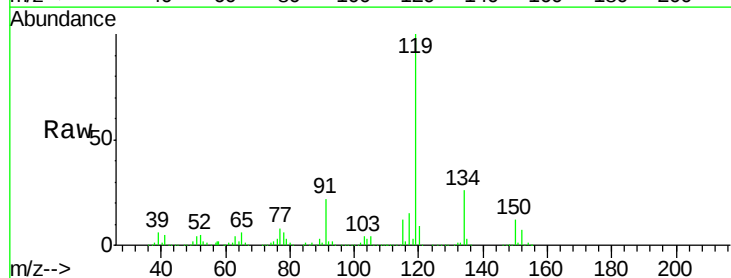
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

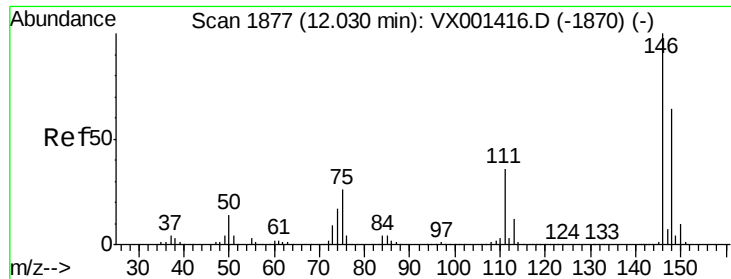
Tgt Ion:105 Resp: 280877
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.37 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion:119 Resp: 257372
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.8
 91 22.3 10.8 32.3

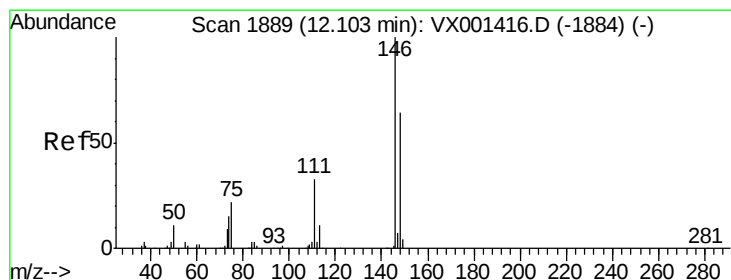
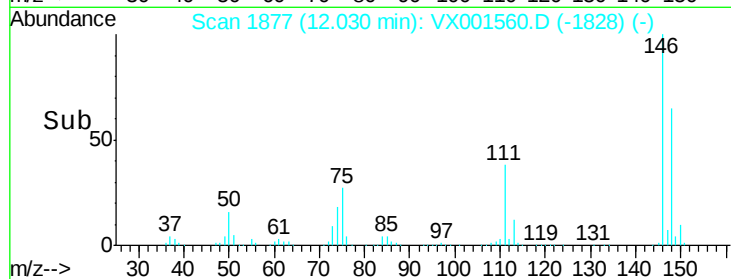
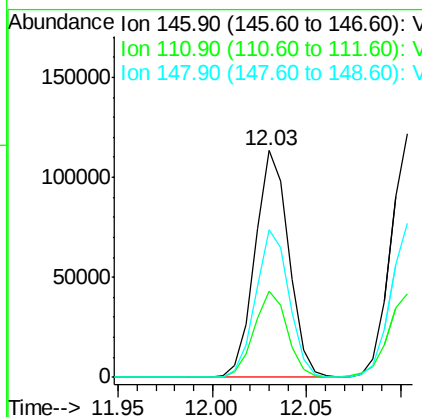
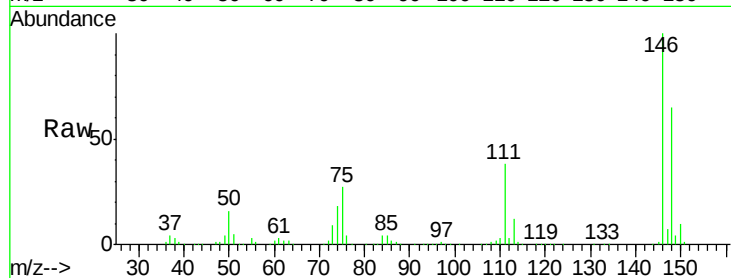




#87
 1,3-Dichlorobenzene
 Concen: 19.60 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

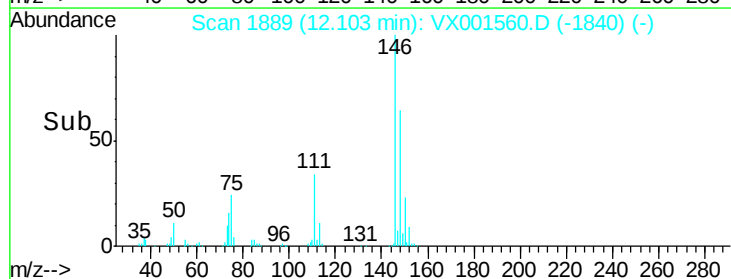
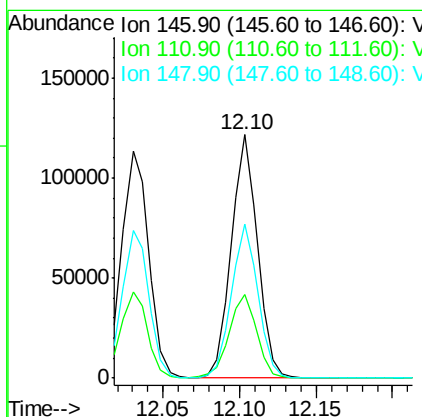
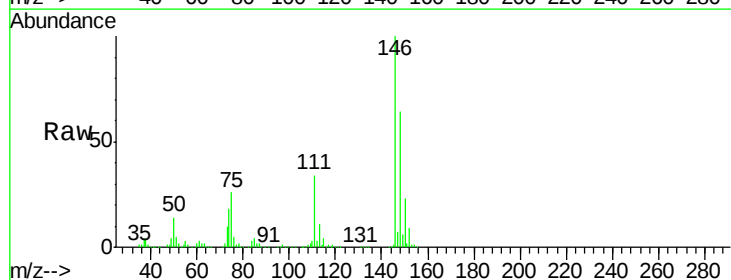
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

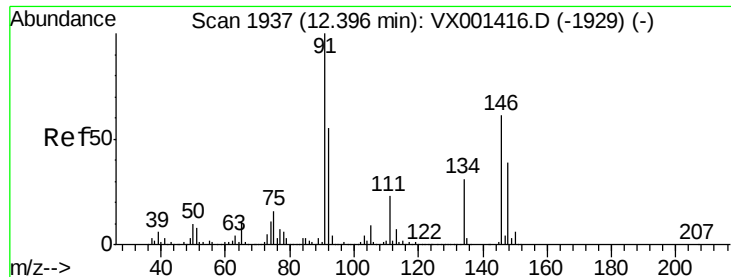
Tgt Ion:146 Resp: 141096
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.1 54.1
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.68 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion:146 Resp: 144503
 Ion Ratio Lower Upper
 146 100
 111 36.5 17.4 52.3
 148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 19.34 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001560.D

Acq: 09 May 2018 17:32

Instrument :

MSVOA_X

ClientSampleId :

VX0509WBSD01

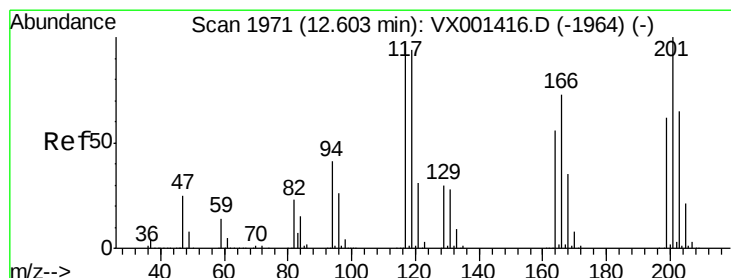
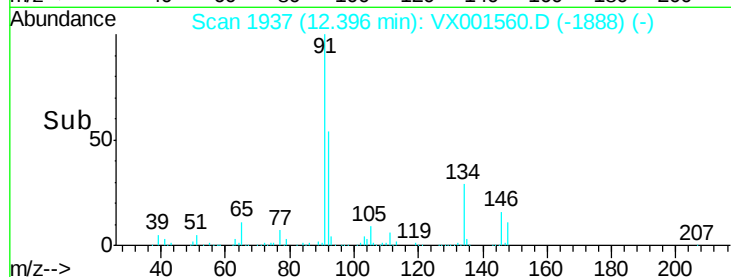
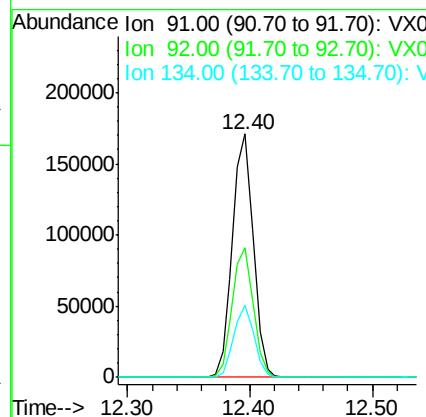
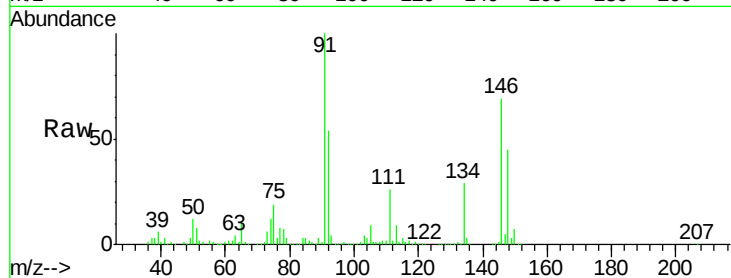
Tgt Ion: 91 Resp: 202528

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.5

134 28.5 14.6 44.0



#90

Hexachloroethane

Concen: 19.36 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001560.D

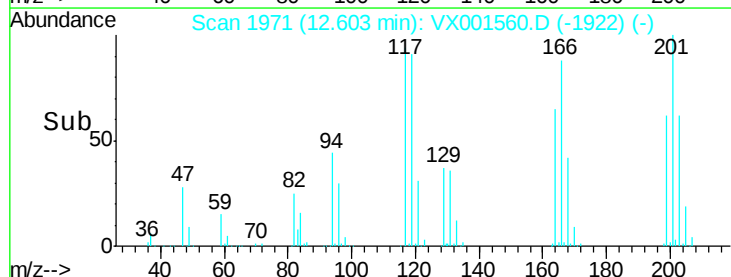
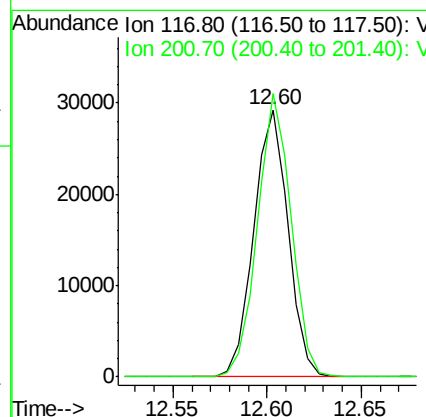
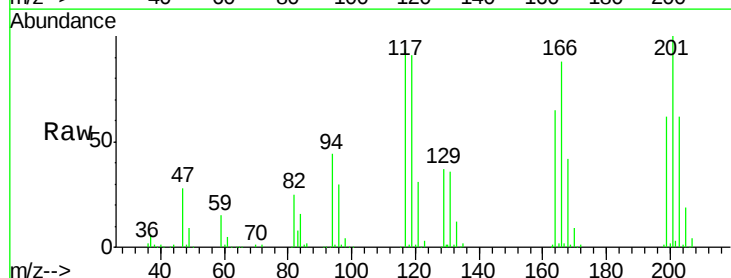
Acq: 09 May 2018 17:32

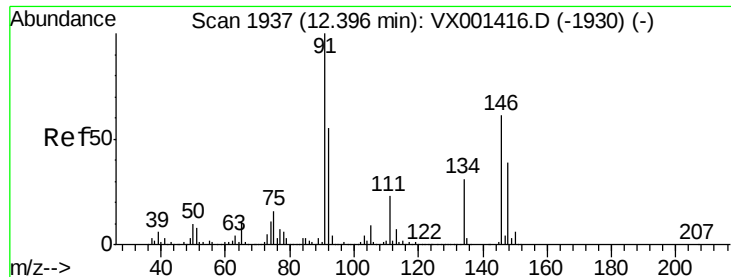
Tgt Ion: 117 Resp: 36837

Ion Ratio Lower Upper

117 100

201 103.9 51.5 154.5

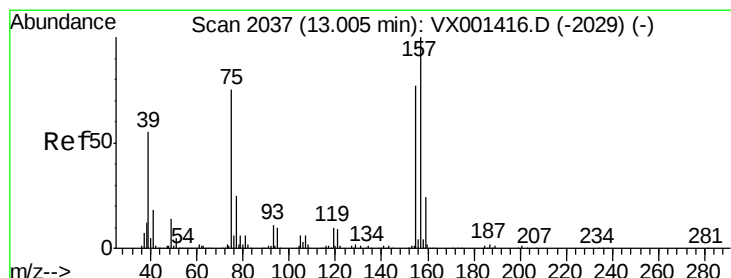
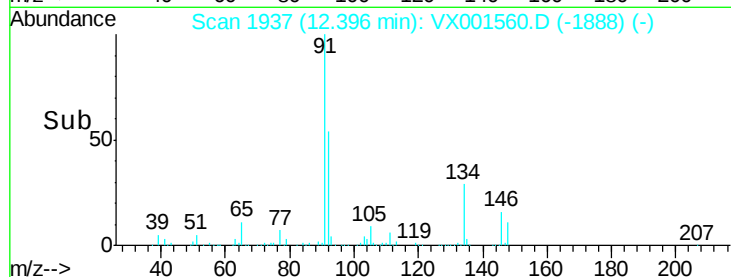
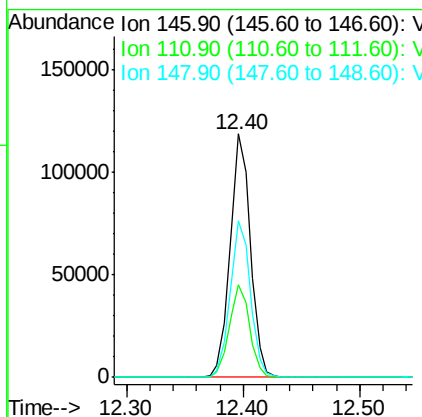
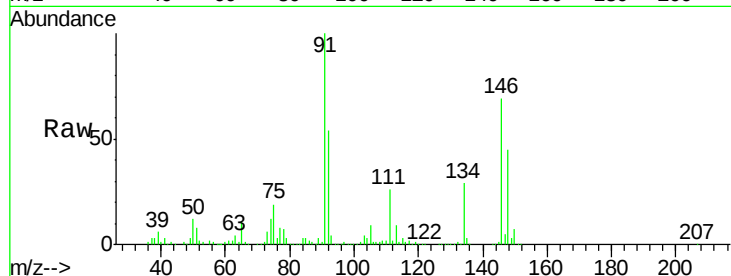




#91
 1,2-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

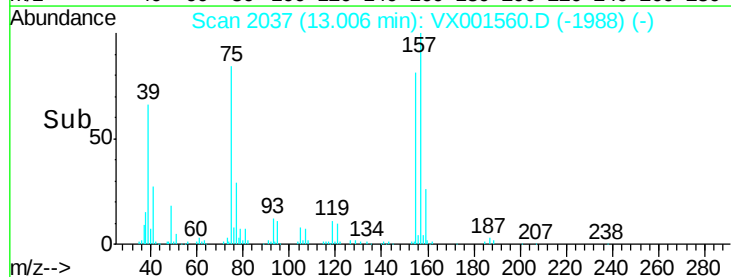
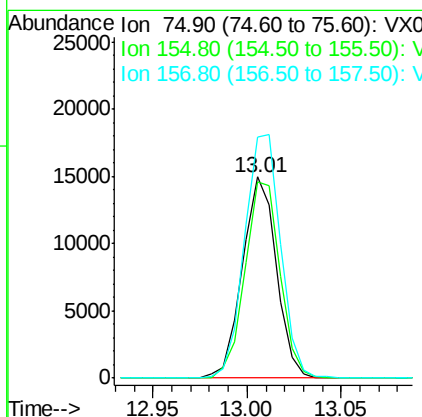
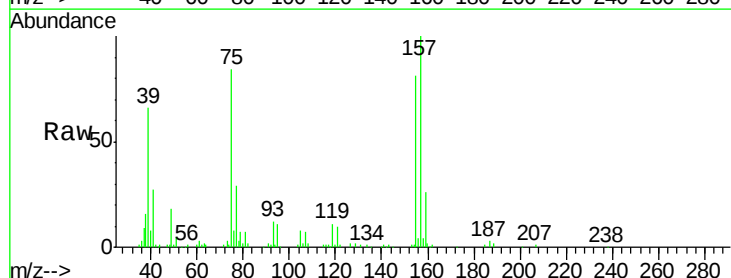
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

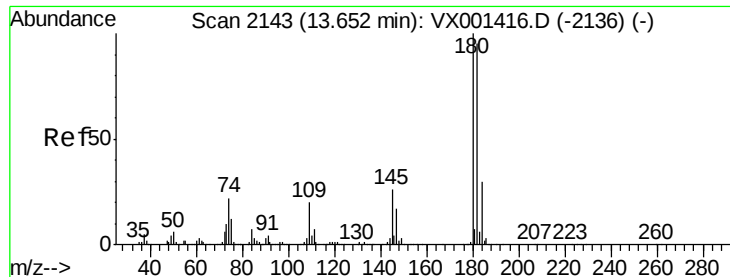
Tgt Ion:146 Resp: 144389
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 64.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.85 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion: 75 Resp: 18746
 Ion Ratio Lower Upper
 75 100
 155 100.3 53.4 160.2
 157 128.3 68.3 204.8

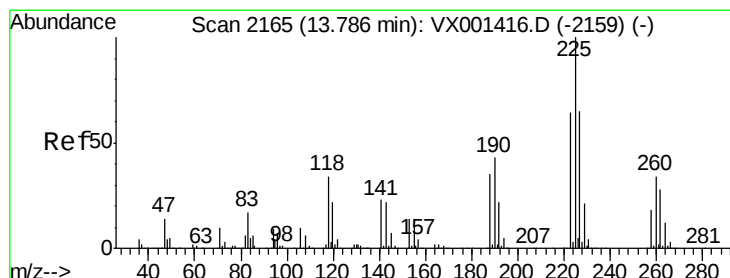
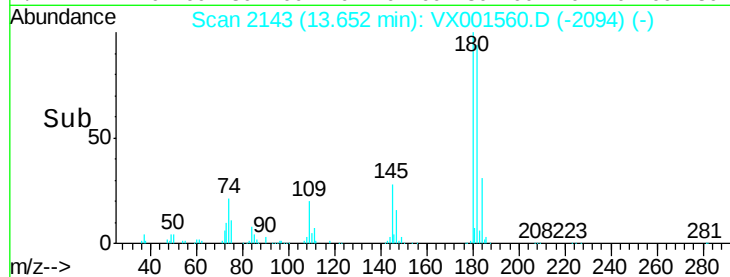
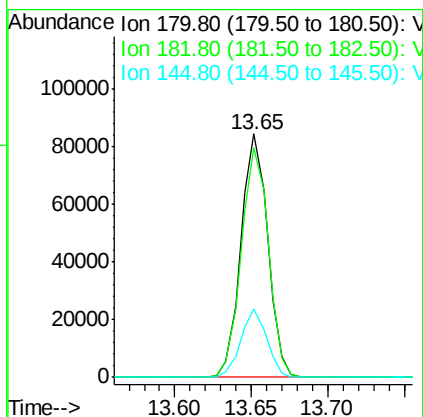
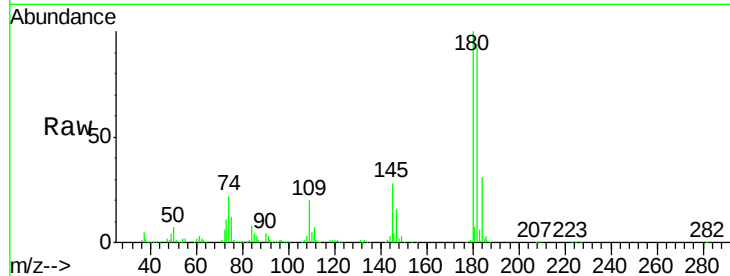




#93
 1,2,4-Trichlorobenzene
 Concen: 19.10 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

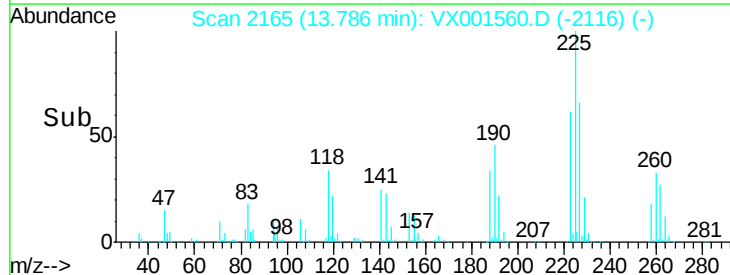
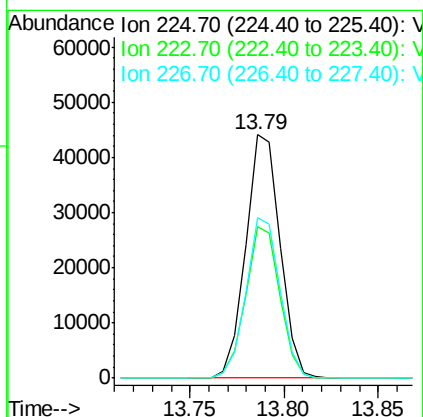
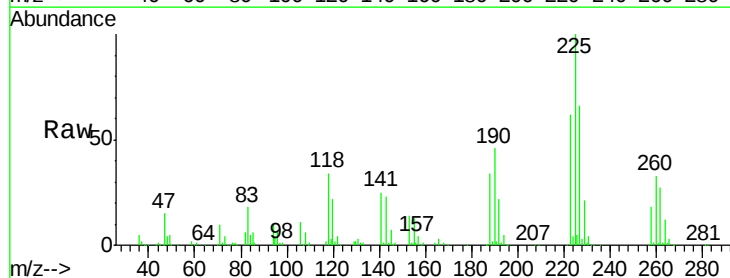
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

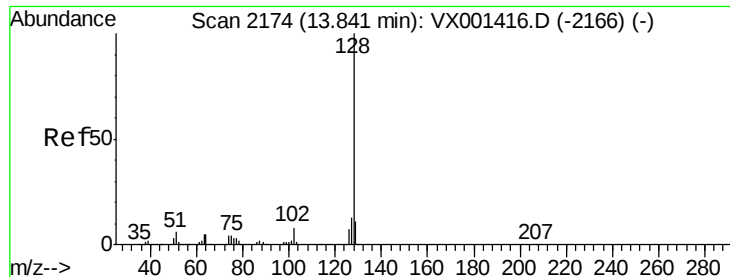
Tgt Ion:180 Resp: 102370
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.4
 145 27.4 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 19.02 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001560.D
 Acq: 09 May 2018 17:32

Tgt Ion:225 Resp: 55786
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.3 93.9
 227 65.1 32.4 97.2

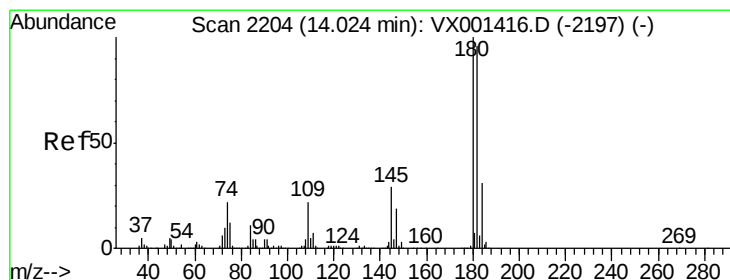
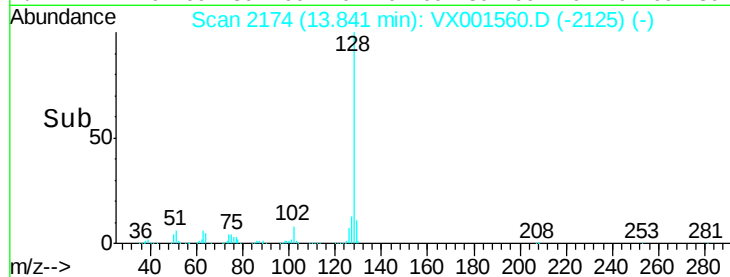
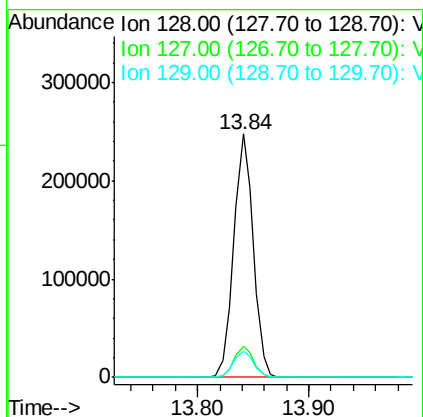
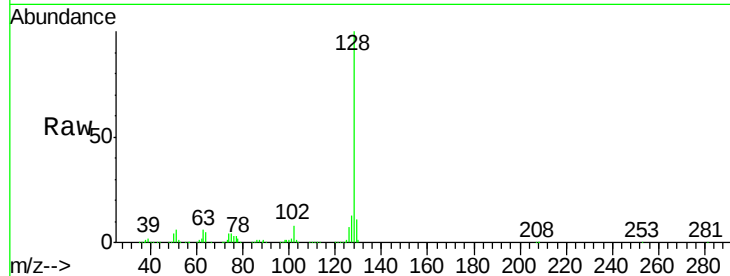




#95
Naphthalene
Concen: 20.19 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

Tgt Ion:128 Resp: 299295
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.88 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001560.D
Acq: 09 May 2018 17:32

Tgt Ion:180 Resp: 109312
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.2
145 28.3 14.1 42.4

