

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000852.D
 Acq On : 13 Apr 2018 16:25
 Operator : JC/MD
 Sample : VX0413WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

Quant Time: Apr 14 05:14:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	153282	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.51	113	129609	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.73	98	474032	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.15	95	189708	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	53397	18.77	ug/l	97
3) Chloromethane	1.32	50	45742	18.75	ug/l	99
4) Vinyl Chloride	1.40	62	54428	19.84	ug/l	96
5) Bromomethane	1.64	94	28002	23.94	ug/l	99
6) Chloroethane	1.73	64	35352	21.26	ug/l	99
7) Trichlorofluoromethane	1.93	101	79141	19.12	ug/l	100
8) Diethyl Ether	2.19	74	31469	20.35	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47269	19.37	ug/l	100
10) Methyl Iodide	2.51	142	21657	17.75	ug/l	99
11) Tert butyl alcohol	3.09	59	63786	113.06	ug/l	98
12) 1,1-Dichloroethene	2.37	96	44877	19.40	ug/l	98
13) Acrolein	2.30	56	15400	56.21	ug/l	97
14) Allyl chloride	2.73	41	84334	19.72	ug/l	98
15) Acrylonitrile	3.16	53	137758	114.53	ug/l	99
16) Acetone	2.45	43	124432	113.55	ug/l	100
17) Carbon Disulfide	2.57	76	117875	16.83	ug/l	99
18) Methyl Acetate	2.79	43	68332	24.10	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	158467	20.57	ug/l	99
20) Methylene Chloride	2.86	84	50417	19.78	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48326	18.95	ug/l	99
22) Diisopropyl ether	3.89	45	164975	20.99	ug/l	97
23) Vinyl Acetate	3.84	43	733650	106.31	ug/l	98
24) 1,1-Dichloroethane	3.70	63	87935	19.94	ug/l	99
25) 2-Butanone	4.73	43	210777	116.48	ug/l	100
26) 2,2-Dichloropropane	4.59	77	83064	18.97	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	59220	20.46	ug/l	98
28) Bromochloromethane	5.03	49	34717	19.55	ug/l	99
29) Tetrahydrofuran	5.18	42	132774	115.55	ug/l	99
30) Chloroform	5.23	83	96324	20.63	ug/l	98
31) Cyclohexane	5.58	56	79940	19.08	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	87133	19.59	ug/l	100
36) 1,1-Dichloropropene	5.81	75	70991	18.86	ug/l	99
37) Ethyl Acetate	4.88	43	79715	21.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	78686	18.68	ug/l	95

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 Data File : VX000852.D
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 Sample : VX0413WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

Quant Time: Apr 14 05:14:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83768	18.53	ug/l	96
40) Benzene	6.15	78	207724	19.86	ug/l	100
41) Methacrylonitrile	5.07	41	45525	21.44	ug/l	99
42) 1,2-Dichloroethane	6.21	62	78889	20.20	ug/l	100
43) Isopropyl Acetate	6.48	43	129577	20.57	ug/l	100
44) Trichloroethene	7.22	130	63628	19.56	ug/l	98
45) 1,2-Dichloropropane	7.52	63	53372	20.04	ug/l	99
46) Dibromomethane	7.67	93	36775	19.81	ug/l	99
47) Bromodichloromethane	7.91	83	70504	18.81	ug/l	98
48) Methyl methacrylate	7.79	41	67704	20.73	ug/l	98
49) 1,4-Dioxane	7.77	88	27814	423.83	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	415889	112.38	ug/l	99
52) Toluene	8.79	92	138456	19.95	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	86083	19.15	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	81846	18.70	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	55594	20.18	ug/l	99
56) Ethyl methacrylate	9.19	69	87228	20.53	ug/l	98
57) 1,3-Dichloropropane	9.38	76	91022	20.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	209954	105.75	ug/l	100
59) 2-Hexanone	9.51	43	326457	114.27	ug/l	99
60) Dibromochloromethane	9.59	129	61280	18.59	ug/l	99
61) 1,2-Dibromoethane	9.68	107	59799	20.46	ug/l	99
64) Tetrachloroethene	9.34	164	63974	20.51	ug/l	96
65) Chlorobenzene	10.15	112	162677	20.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	58822	19.48	ug/l	100
67) Ethyl Benzene	10.26	91	268244	20.05	ug/l	99
68) m/p-Xylenes	10.37	106	209691	39.72	ug/l	99
69) o-Xylene	10.71	106	102755	20.19	ug/l	100
70) Styrene	10.72	104	171438	19.98	ug/l	99
71) Bromoform	10.87	173	50032	17.89	ug/l #	99
73) Isopropylbenzene	11.02	105	277483	20.05	ug/l	100
74) N-amyl acetate	6.48	43	129577	20.79	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83991	20.91	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	99418	26.42	ug/l	87
77) Bromobenzene	11.26	156	80068	19.74	ug/l	100
78) n-propylbenzene	11.37	91	313706	19.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	185613	19.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	237705	19.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23889	17.47	ug/l	92
82) 4-Chlorotoluene	11.52	91	224013	19.84	ug/l	99
83) tert-Butylbenzene	11.77	119	242662	19.93	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	244982	19.94	ug/l	99
85) sec-Butylbenzene	11.95	105	287199	19.99	ug/l	100
86) p-Isopropyltoluene	12.07	119	264944	19.78	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	148522	19.78	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151311	19.67	ug/l	99
89) n-Butylbenzene	12.40	91	231258	19.56	ug/l	99
90) Hexachloroethane	12.60	117	39813	17.56	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	145568	20.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20115	19.99	ug/l	97

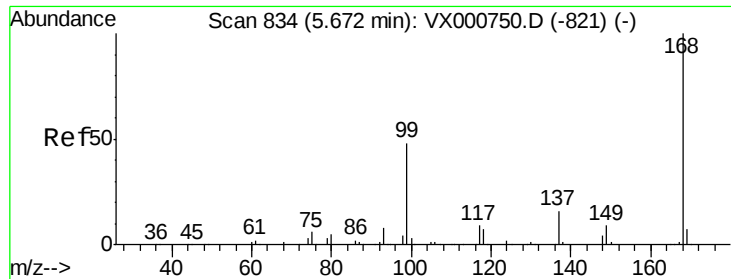
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
Data File : VX000852.D
Acq On : 13 Apr 2018 16:25
Operator : JC/MD
Sample : VX0413WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

Quant Time: Apr 14 05:14:12 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119920	19.39	ug/l	98
94) Hexachlorobutadiene	13.79	225	60808	20.00	ug/l	100
95) Naphthalene	13.84	128	334203	21.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	119208	19.85	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

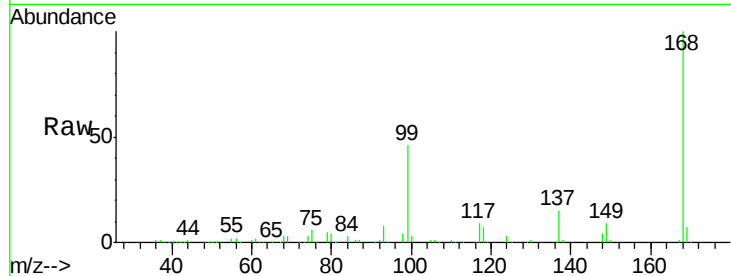
VX0413WBSD01

Tgt Ion:168 Resp: 252022

Ion Ratio Lower Upper

168 100

99 46.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

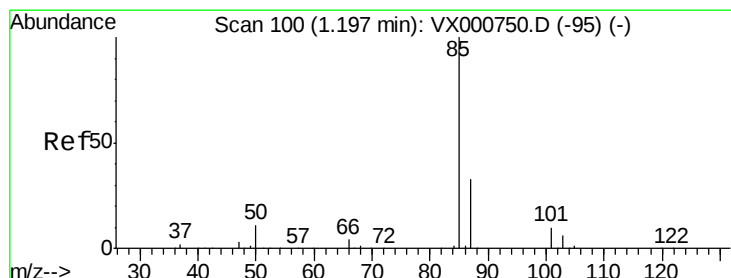
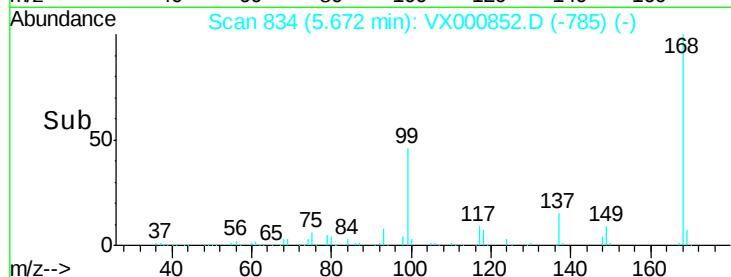
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000852.D

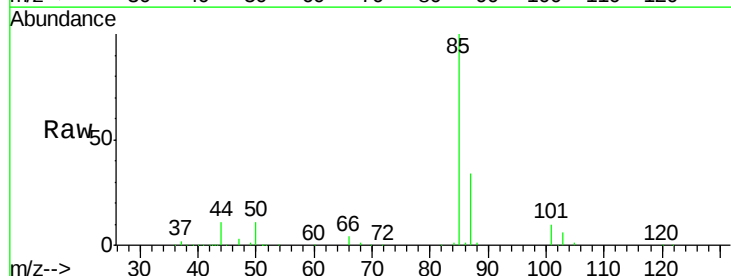
Acq: 13 Apr 2018 16:25

Tgt Ion: 85 Resp: 53397

Ion Ratio Lower Upper

85 100

87 34.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

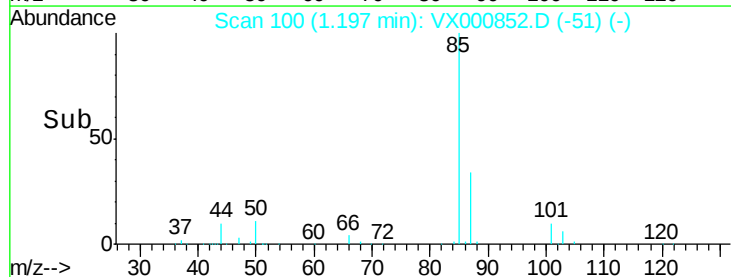
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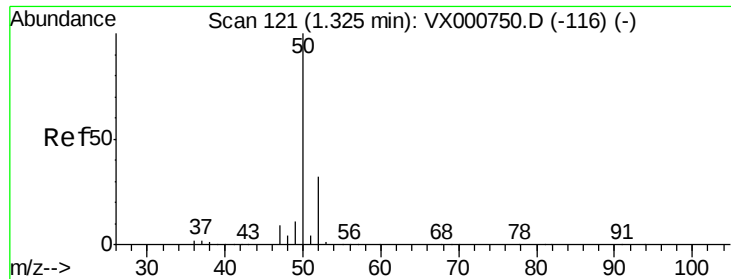
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

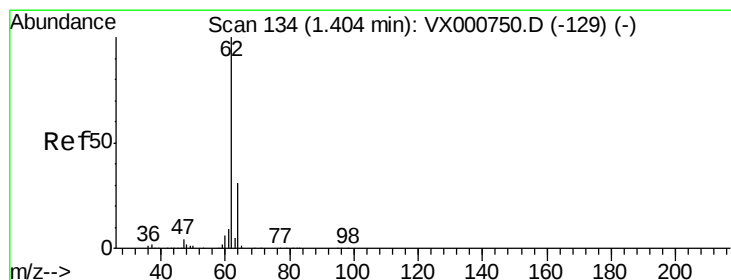
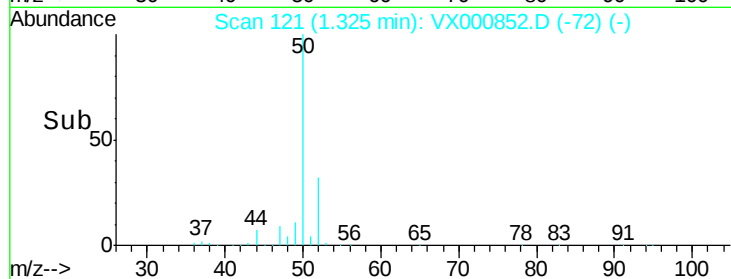
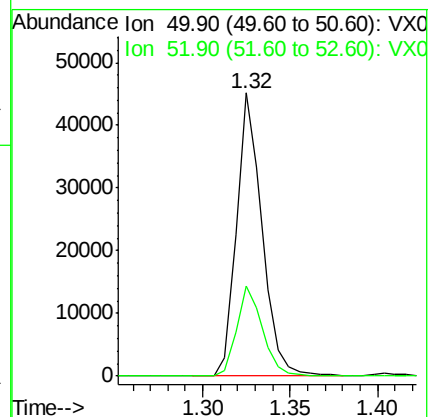
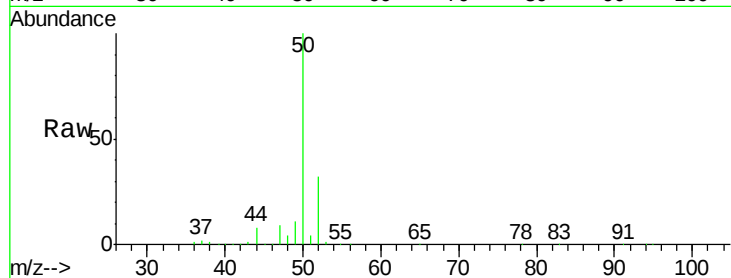
VX0413WBSD01

Tgt Ion: 50 Resp: 45742

Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.8



#4

Vinyl Chloride

Concen: 19.84 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000852.D

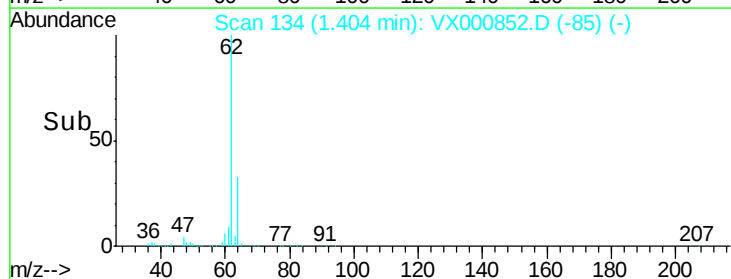
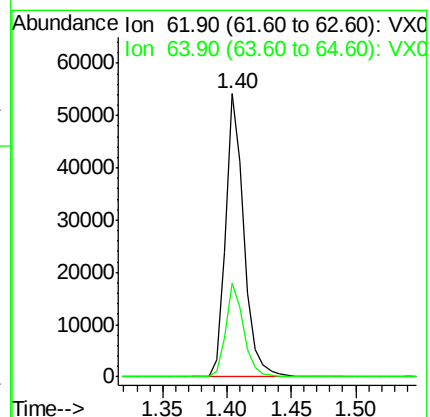
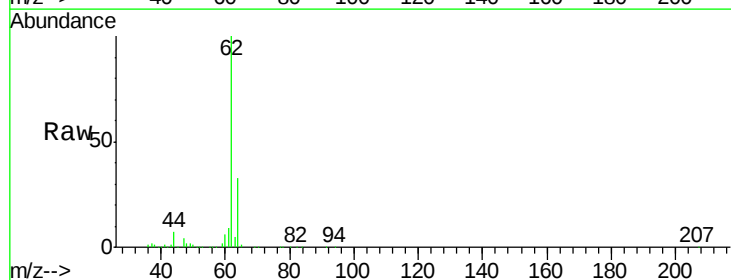
Acq: 13 Apr 2018 16:25

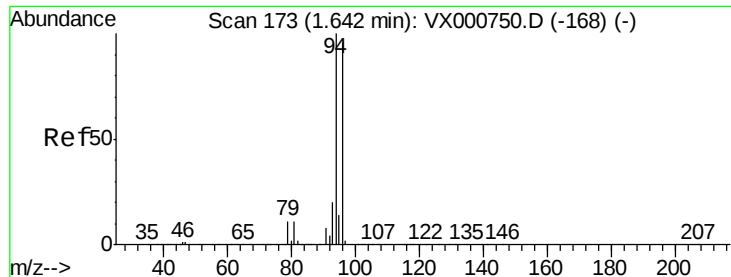
Tgt Ion: 62 Resp: 54428

Ion Ratio Lower Upper

62 100

64 33.1 24.6 36.8





#5

Bromomethane

Concen: 23.94 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

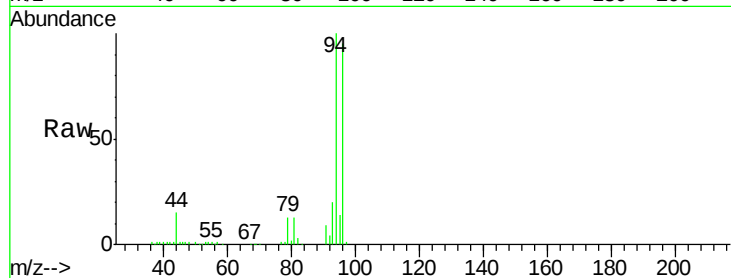
VX0413WBSD01

Tgt Ion: 94 Resp: 28002

Ion Ratio Lower Upper

94 100

96 95.3 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

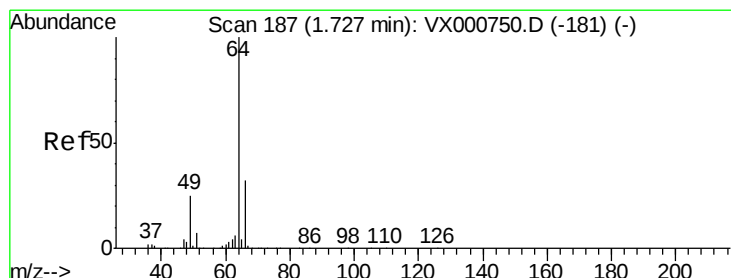
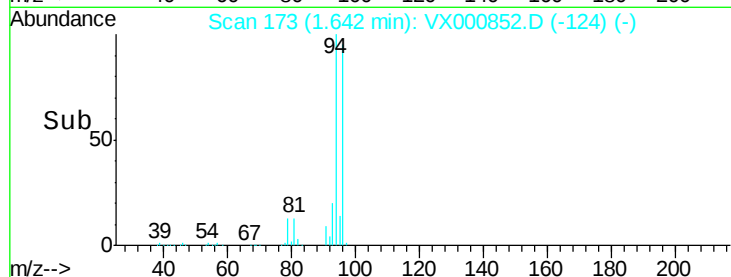
5000

0

Time-->

1.60 1.65 1.70 1.75

1.64



#6

Chloroethane

Concen: 21.26 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000852.D

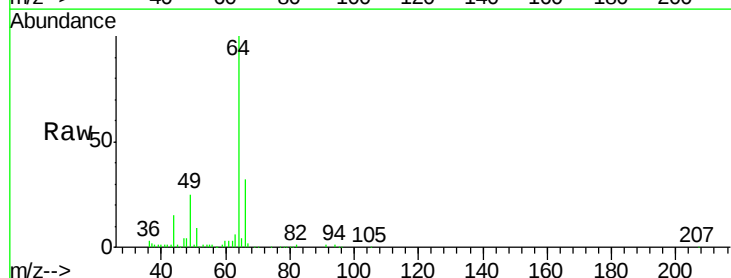
Acq: 13 Apr 2018 16:25

Tgt Ion: 64 Resp: 35352

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

10000

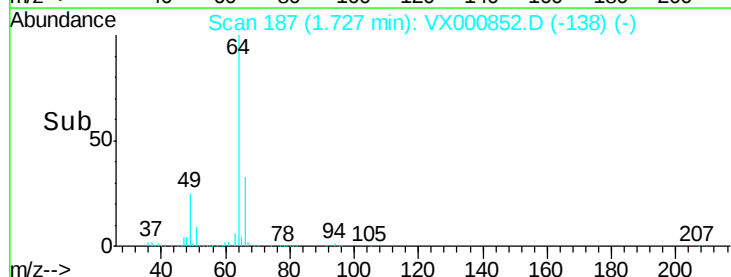
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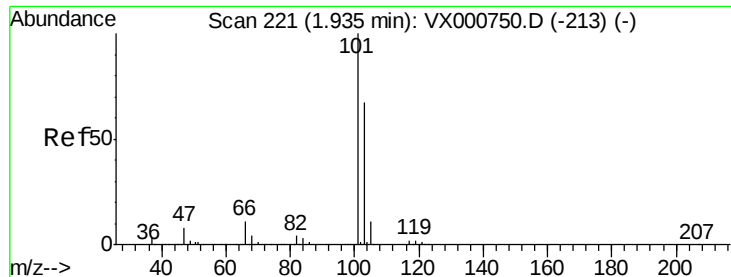
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Time-->

1.65 1.70 1.75 1.80

1.73



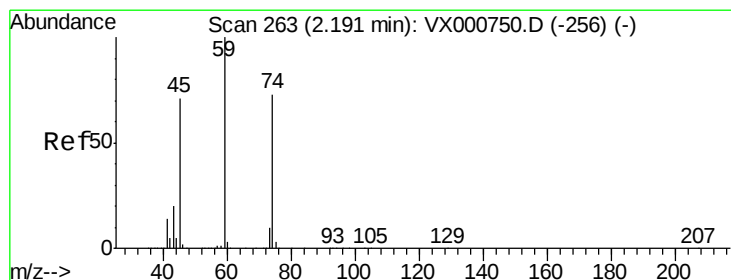
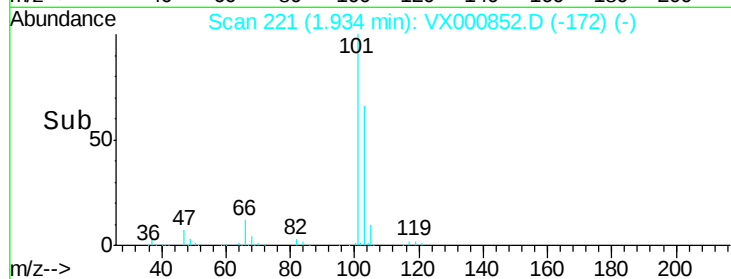
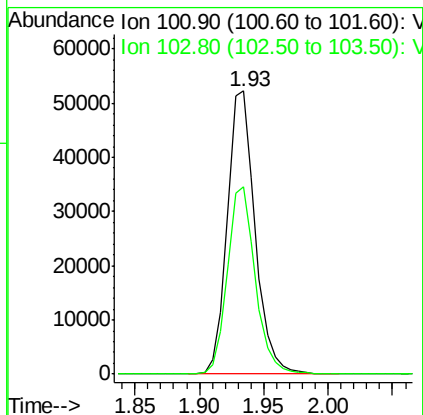
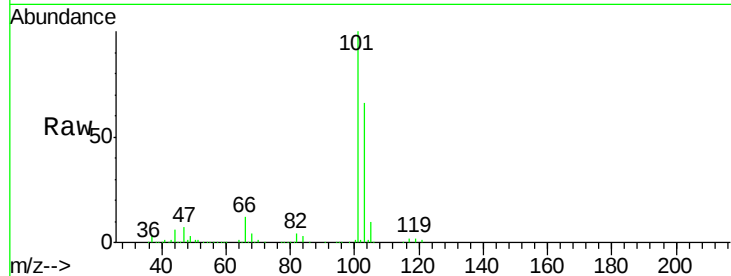


#7

Trichlorofluoromethane
 Concen: 19.12 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

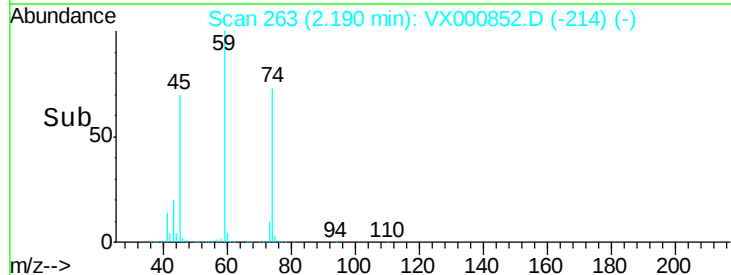
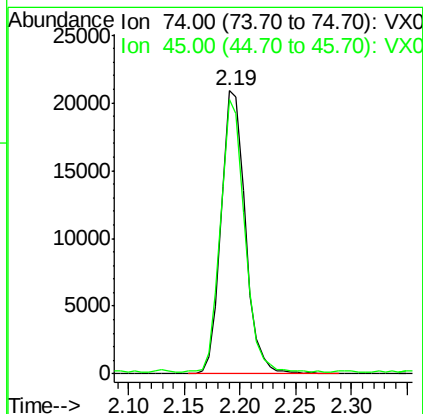
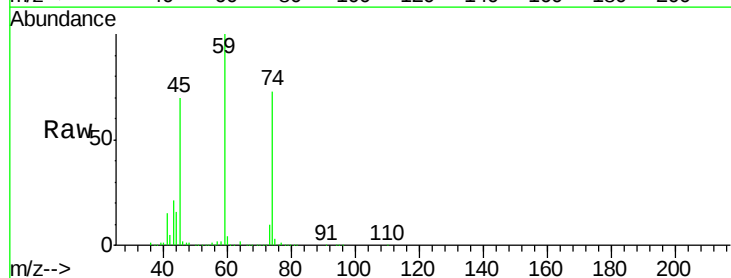
Tgt Ion:101 Resp: 79141
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.2 79.8

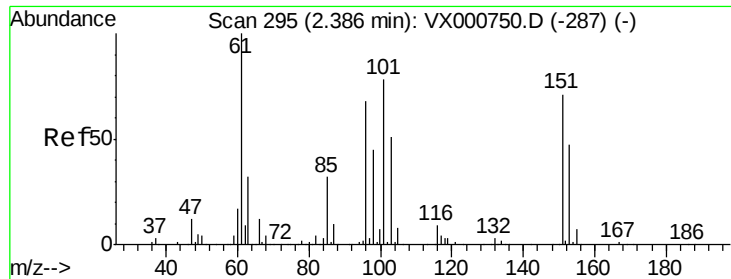


#8

Diethyl Ether
 Concen: 20.35 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Tgt Ion: 74 Resp: 31469
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.37 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

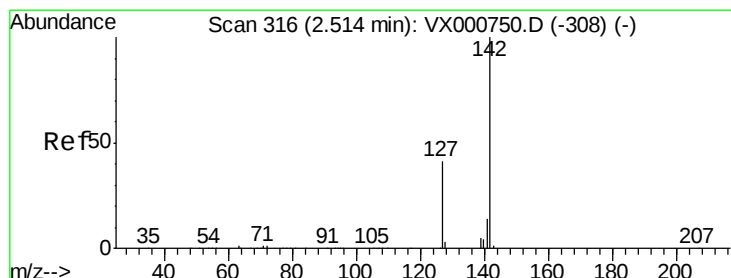
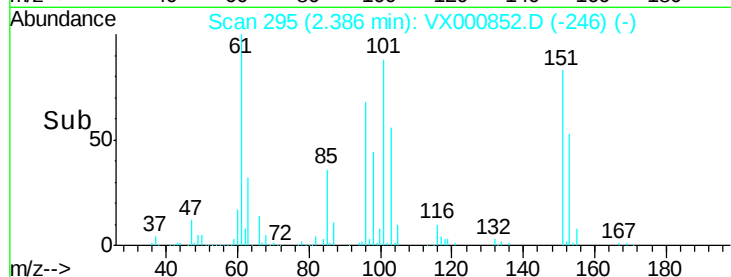
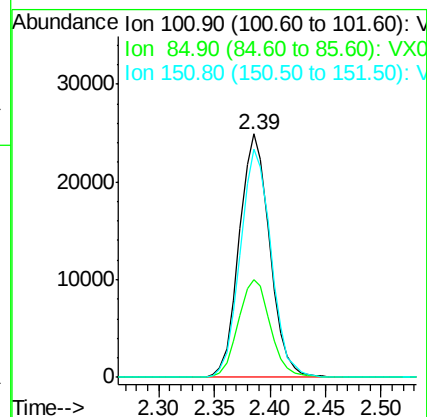
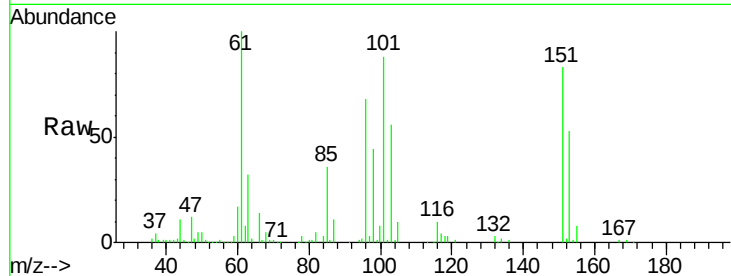
Tgt Ion:101 Resp: 47269

Ion Ratio Lower Upper

101 100

85 42.0 34.0 51.0

151 95.2 75.8 113.8



#10

Methyl Iodide

Concen: 17.75 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

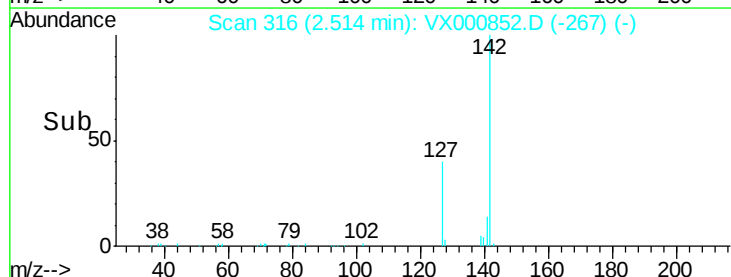
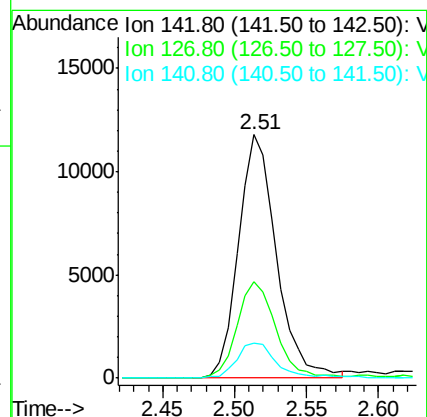
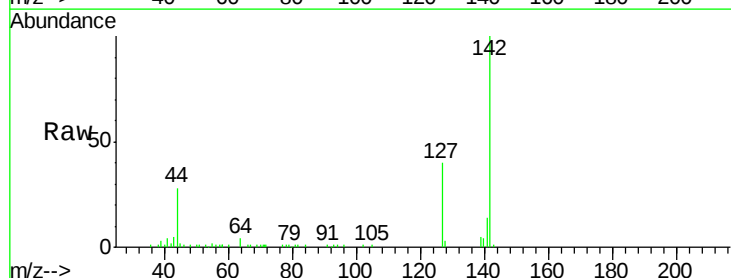
Tgt Ion:142 Resp: 21657

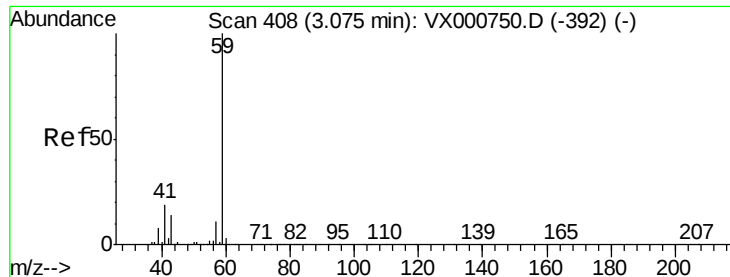
Ion Ratio Lower Upper

142 100

127 40.4 32.6 49.0

141 15.4 11.5 17.3

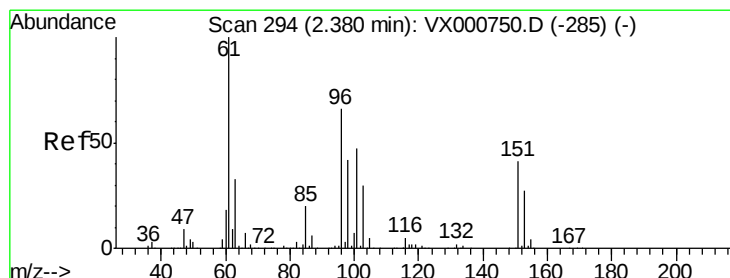
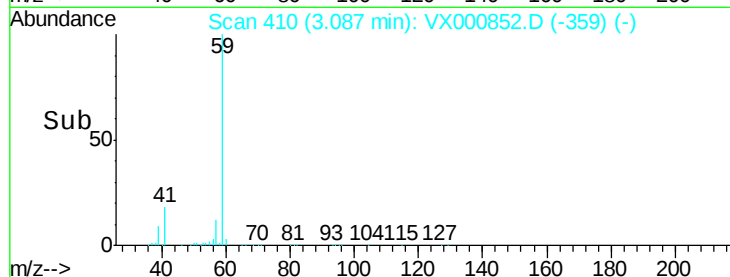
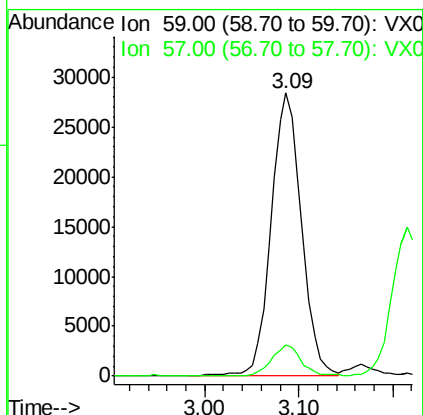
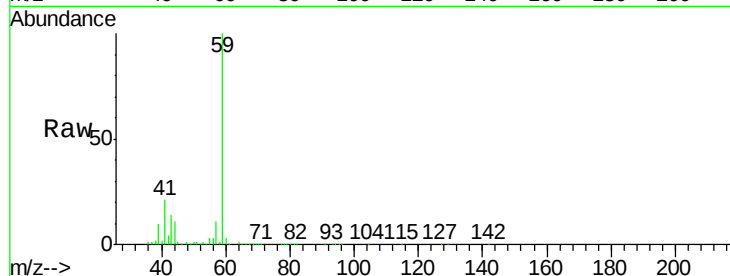




#11
Tert butyl alcohol
Concen: 113.06 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

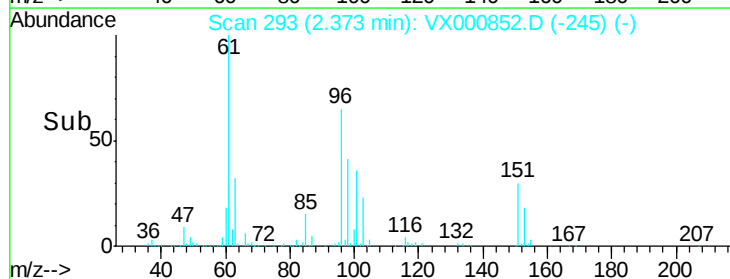
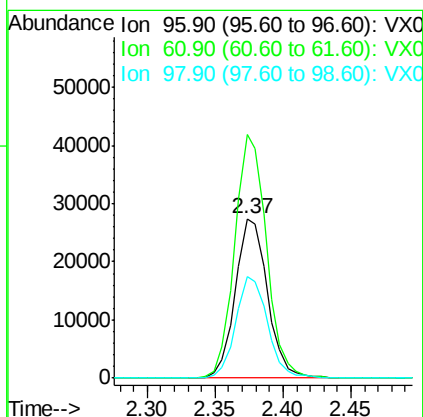
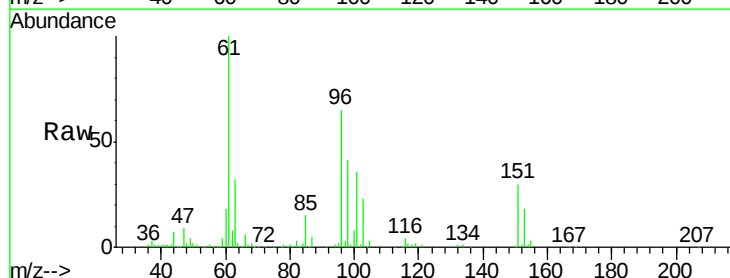
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

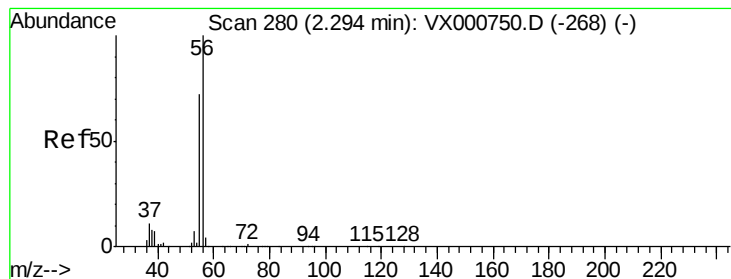
Tgt Ion: 59 Resp: 63786
Ion Ratio Lower Upper
59 100
57 11.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.40 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion: 96 Resp: 44877
Ion Ratio Lower Upper
96 100
61 153.4 120.5 180.7
98 63.6 50.9 76.3





#13

Acrolein

Concen: 56.21 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

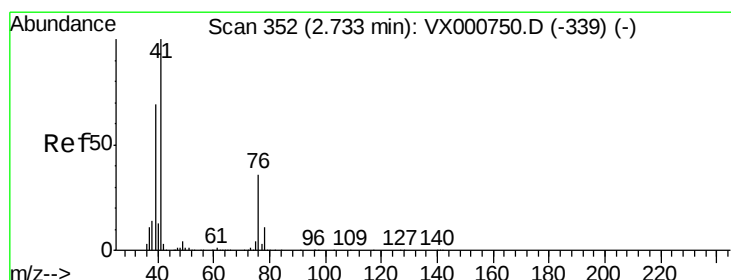
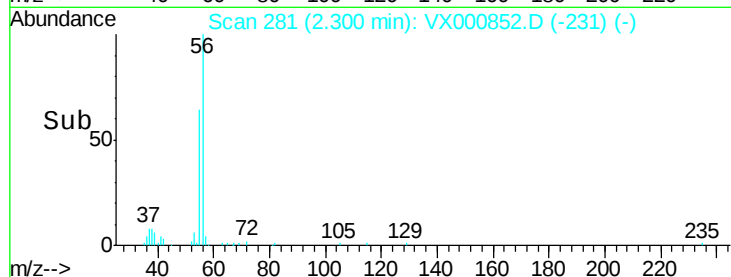
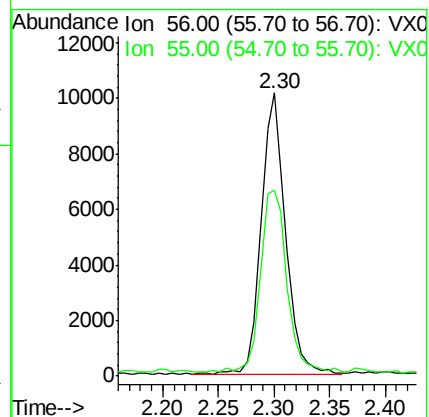
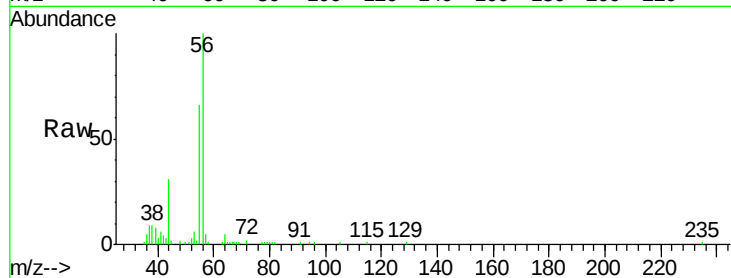
VX0413WBSD01

Tgt Ion: 56 Resp: 15400

Ion Ratio Lower Upper

56 100

55 70.5 58.7 88.1



#14

Allyl chloride

Concen: 19.72 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

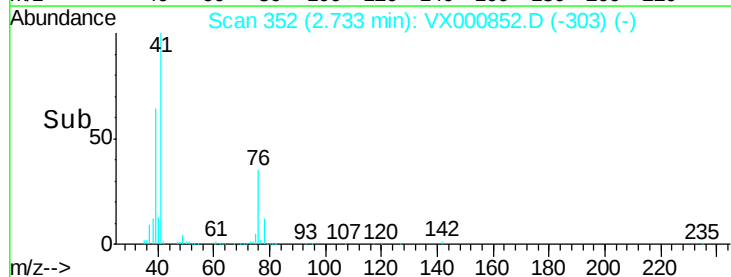
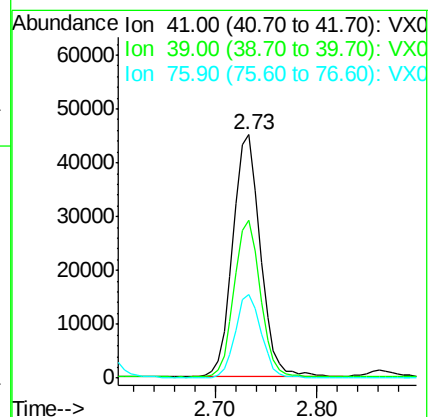
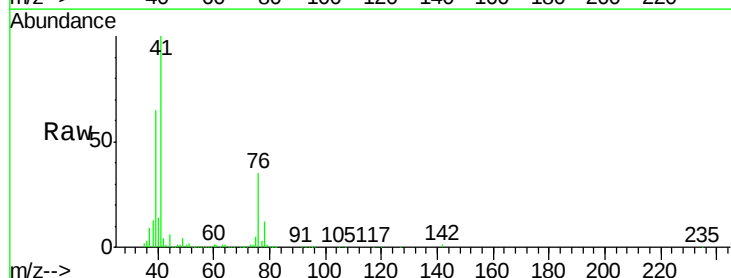
Tgt Ion: 41 Resp: 84334

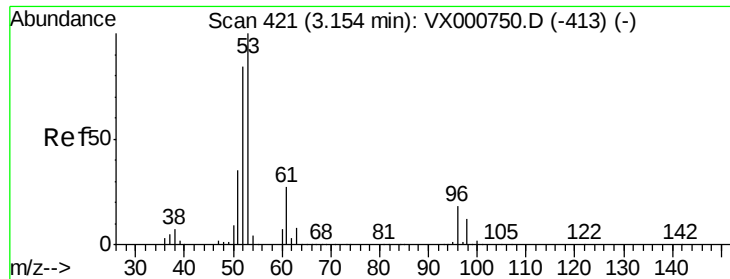
Ion Ratio Lower Upper

41 100

39 61.8 51.5 77.3

76 32.9 26.5 39.7

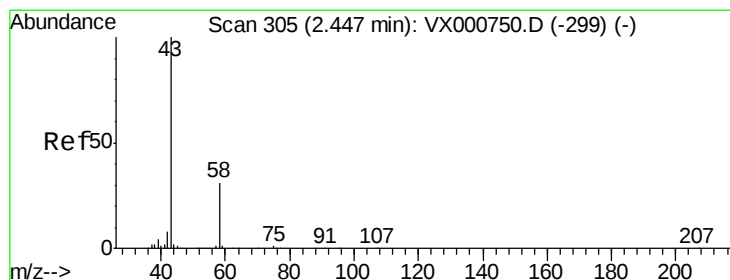
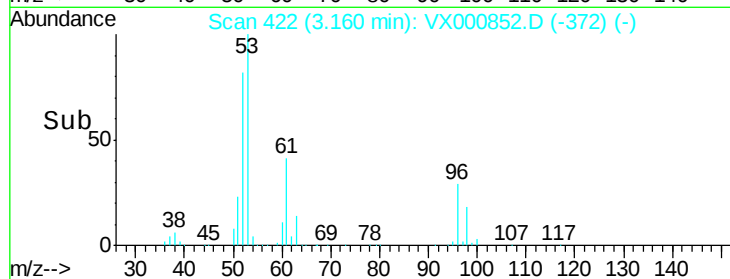
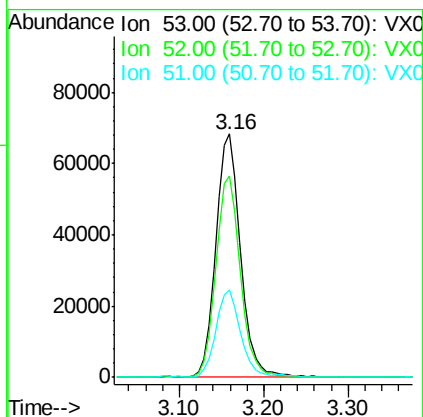
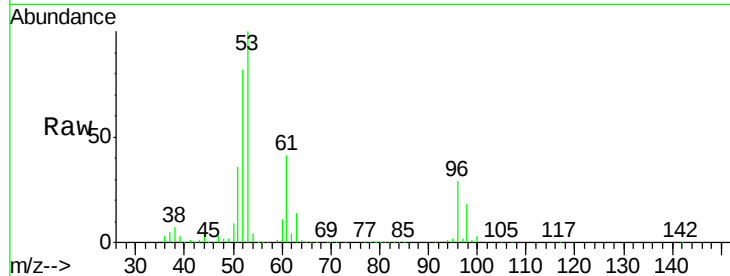




#15
 Acrylonitrile
 Concen: 114.53 ug/l
 RT: 3.16 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

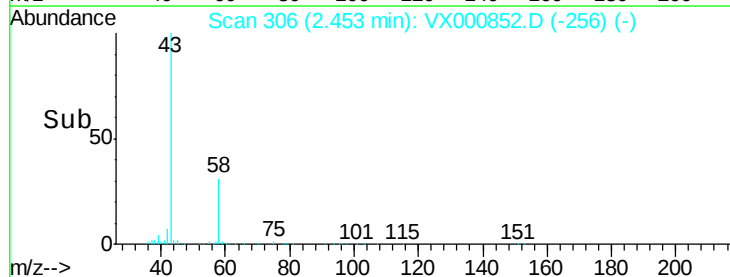
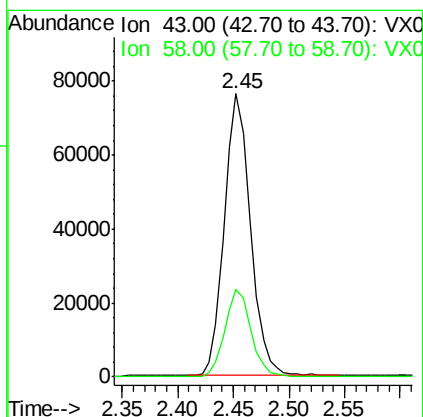
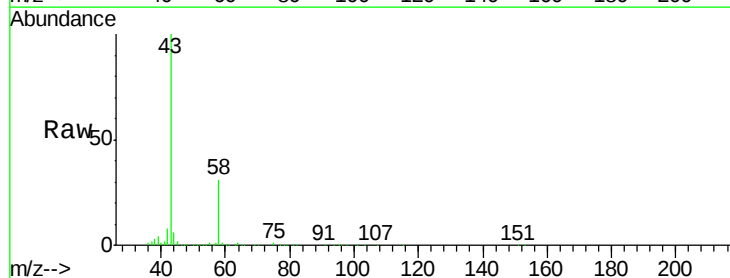
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

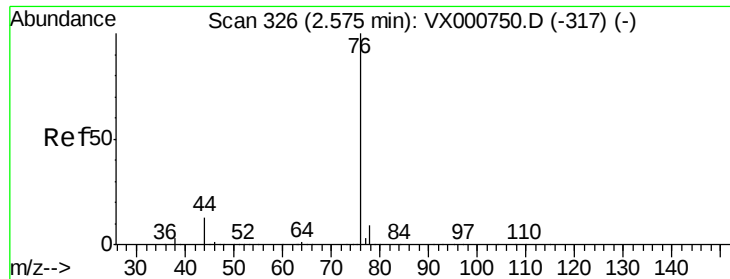
Tgt Ion: 53 Resp: 137758
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.5 99.7
 51 35.9 28.8 43.2



#16
 Acetone
 Concen: 113.55 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Tgt Ion: 43 Resp: 124432
 Ion Ratio Lower Upper
 43 100
 58 31.0 24.6 37.0

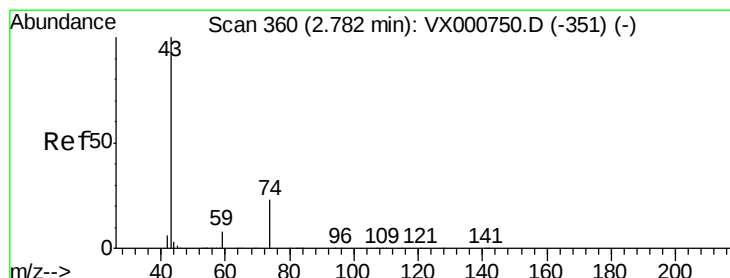
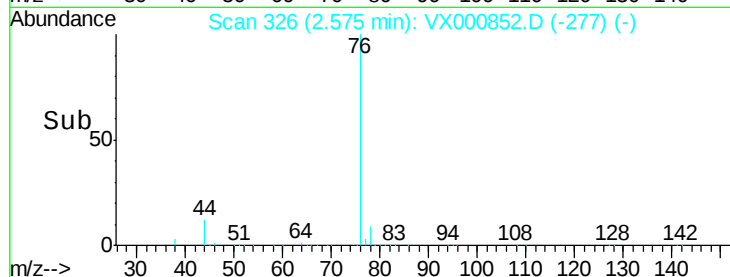
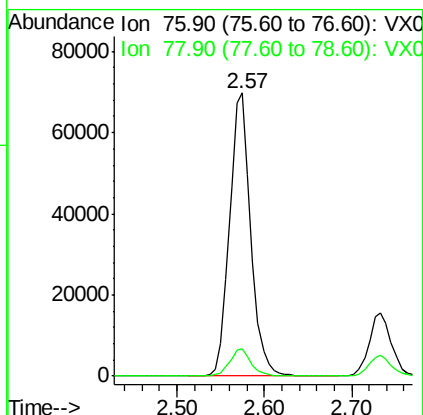
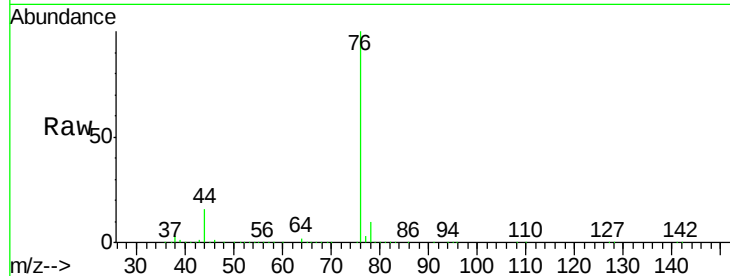




#17
Carbon Disulfide
Concen: 16.83 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

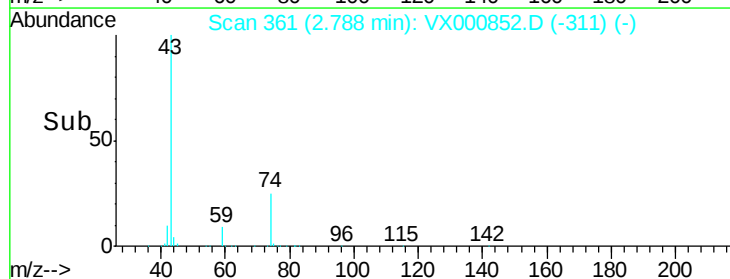
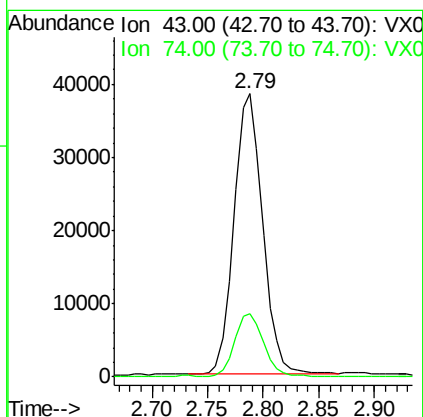
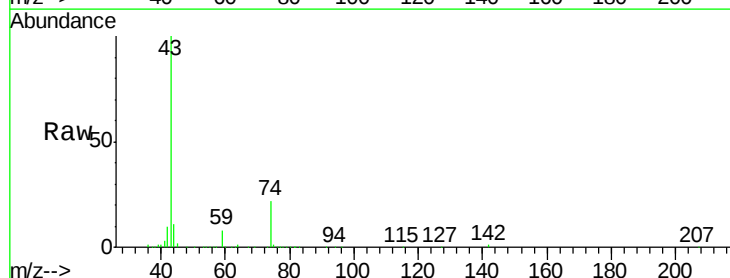
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

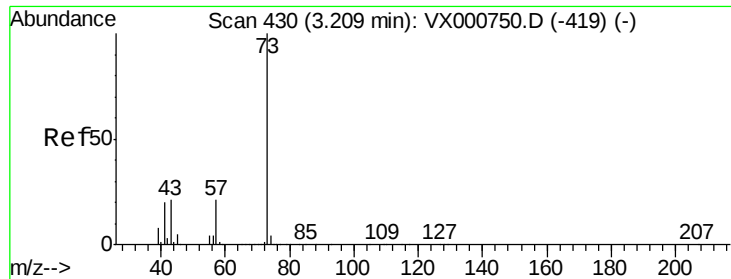
Tgt Ion: 76 Resp: 117875
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 24.10 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion: 43 Resp: 68332
Ion Ratio Lower Upper
43 100
74 22.7 19.1 28.7

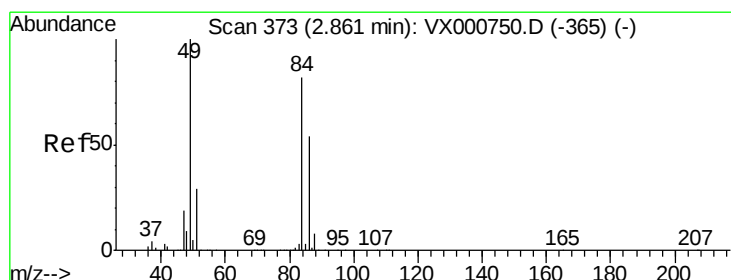
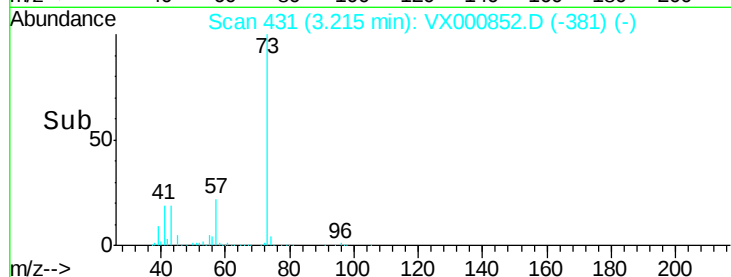
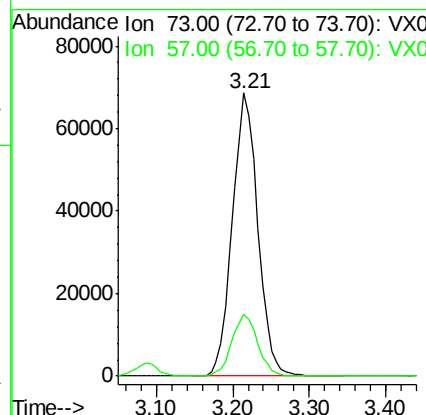
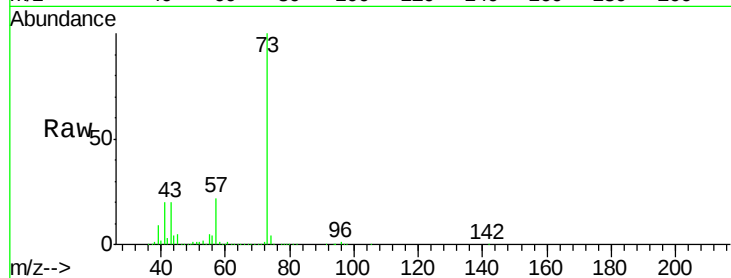




#19
Methyl tert-butyl Ether
Concen: 20.57 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

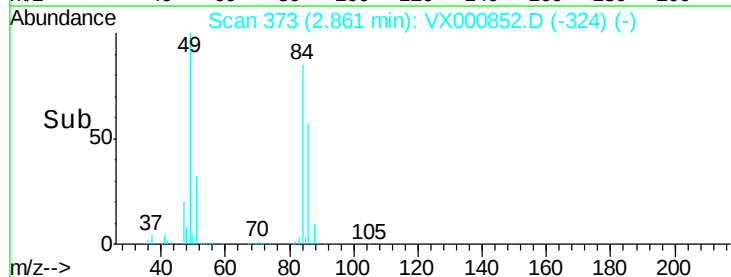
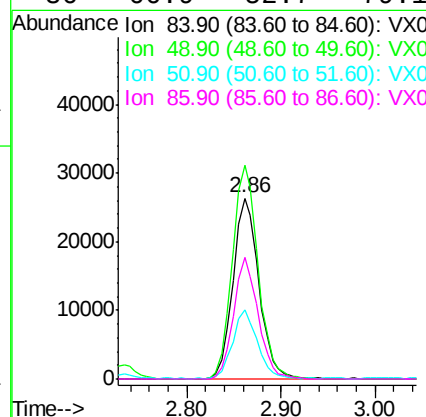
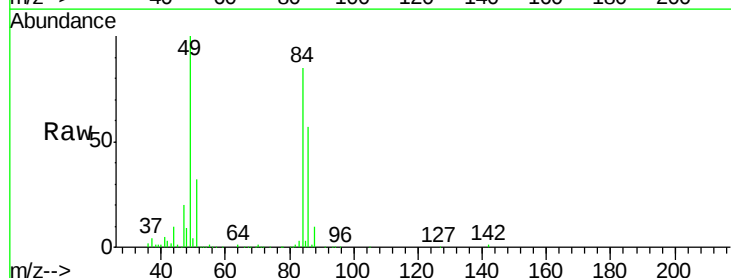
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

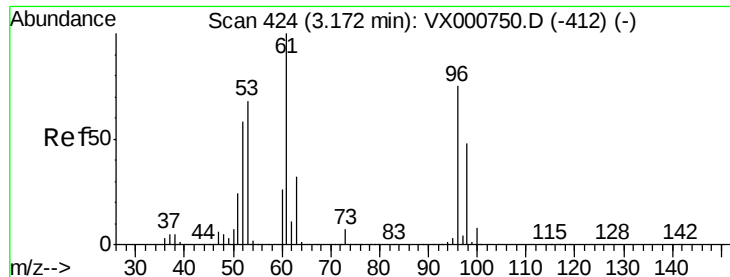
Tgt Ion: 73 Resp: 158467
Ion Ratio Lower Upper
73 100
57 21.7 16.9 25.3



#20
Methylene Chloride
Concen: 19.78 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion: 84 Resp: 50417
Ion Ratio Lower Upper
84 100
49 118.0 98.1 147.1
51 37.7 28.9 43.3
86 66.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

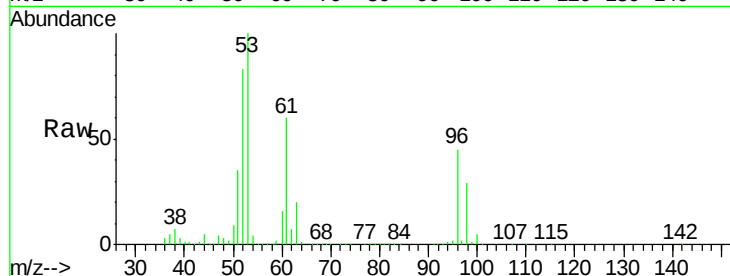
Tgt Ion: 96 Resp: 48326

Ion Ratio Lower Upper

96 100

61 134.3 106.2 159.2

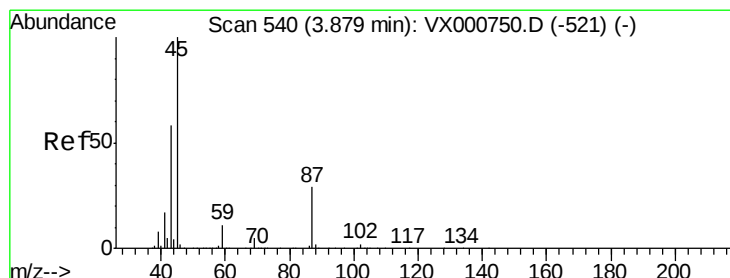
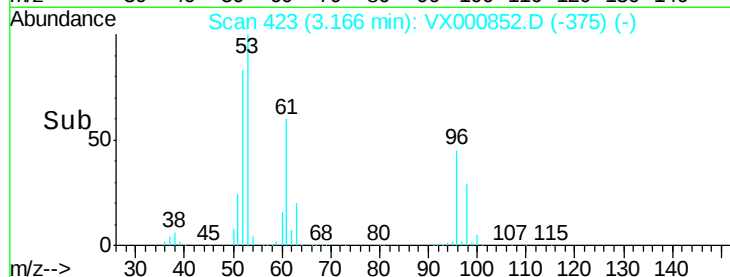
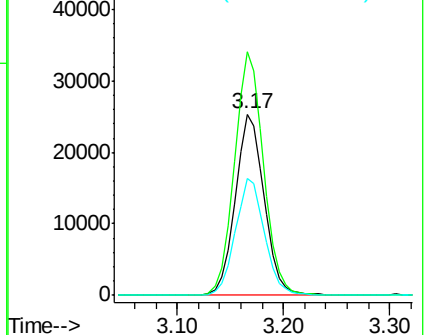
98 64.3 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.99 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Tgt Ion: 45 Resp: 164975

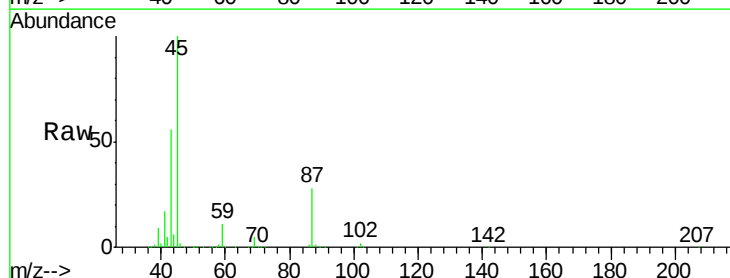
Ion Ratio Lower Upper

45 100

43 55.5 46.6 69.8

87 28.3 22.9 34.3

59 10.8 9.2 13.8

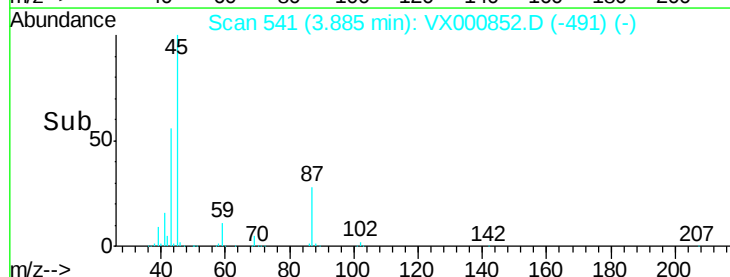
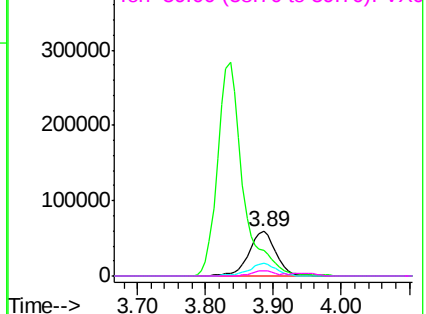


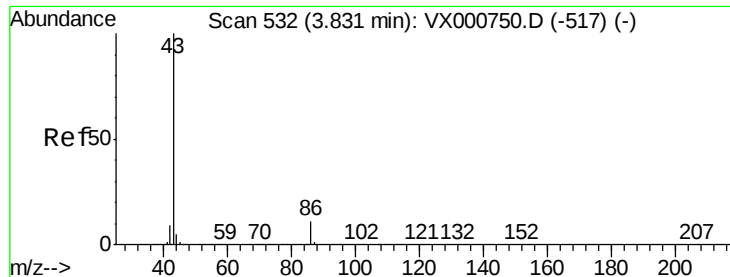
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 106.31 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

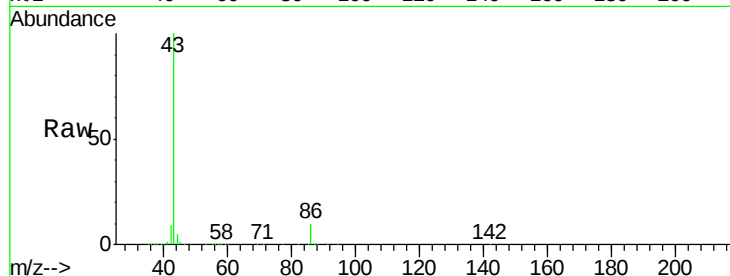
VX0413WBSD01

Tgt Ion: 43 Resp: 733650

Ion Ratio Lower Upper

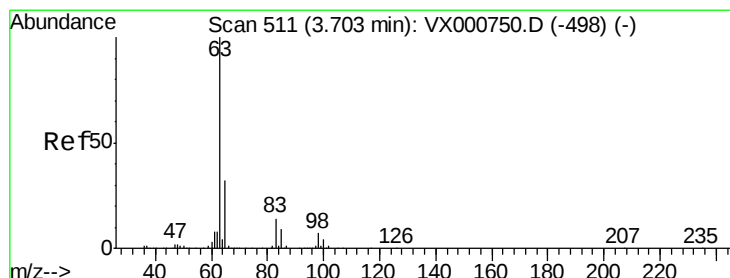
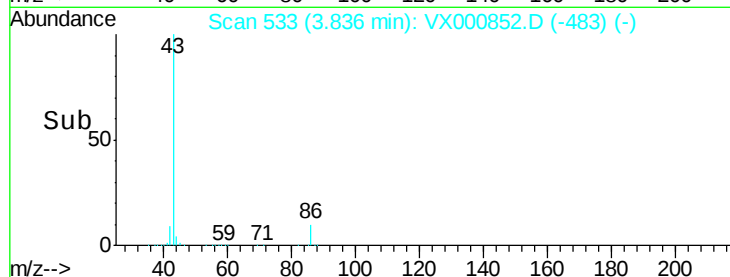
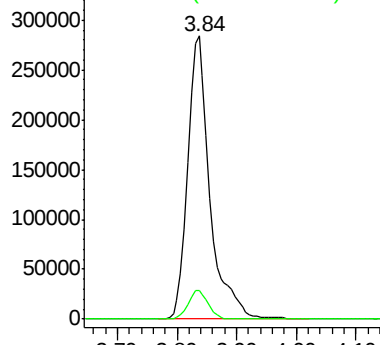
43 100

86 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.94 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

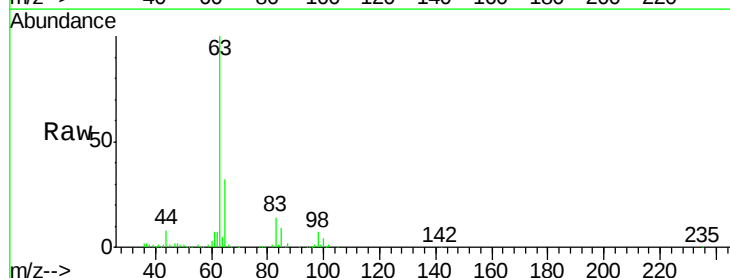
Tgt Ion: 63 Resp: 87935

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

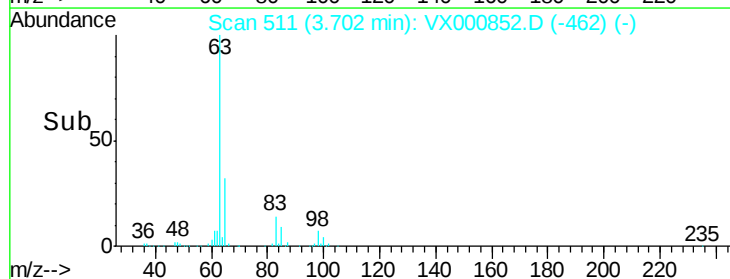
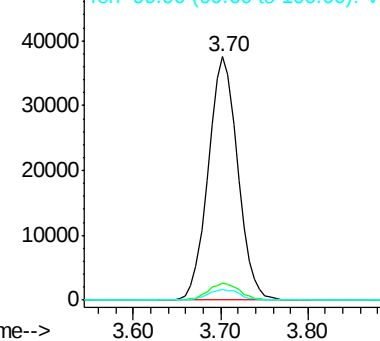
100 4.5 2.1 6.3

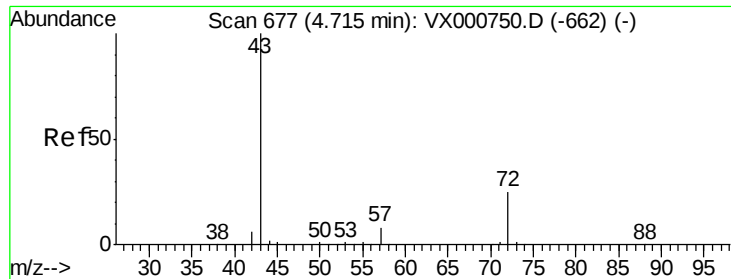


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 116.48 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

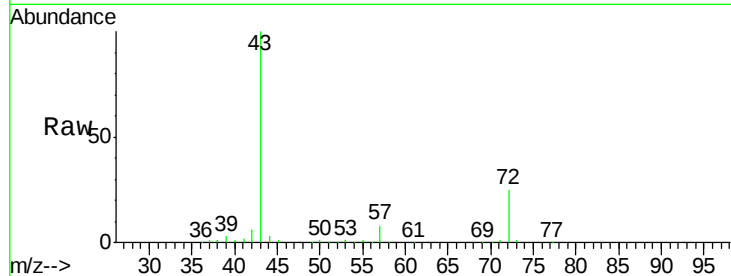
VX0413WBSD01

Tgt Ion: 43 Resp: 210777

Ion Ratio Lower Upper

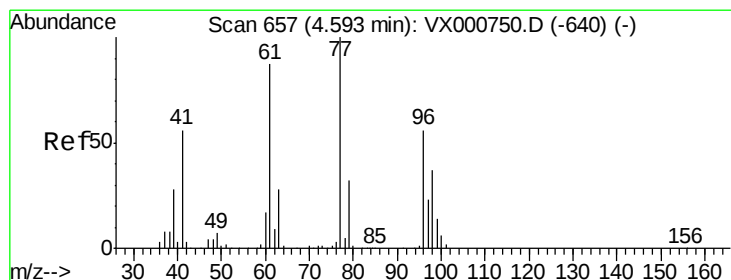
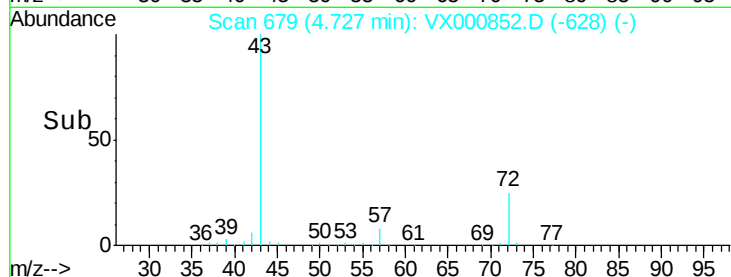
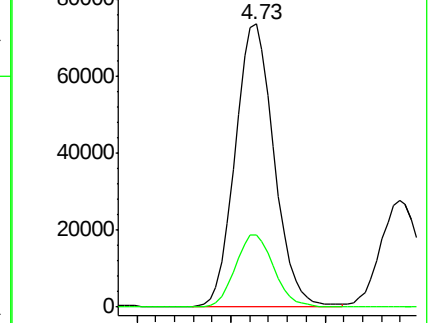
43 100

72 25.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.97 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000852.D

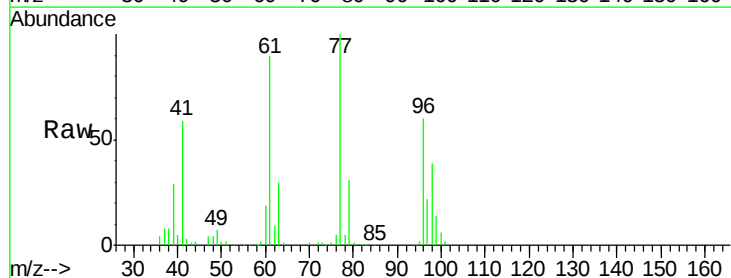
Acq: 13 Apr 2018 16:25

Tgt Ion: 77 Resp: 83064

Ion Ratio Lower Upper

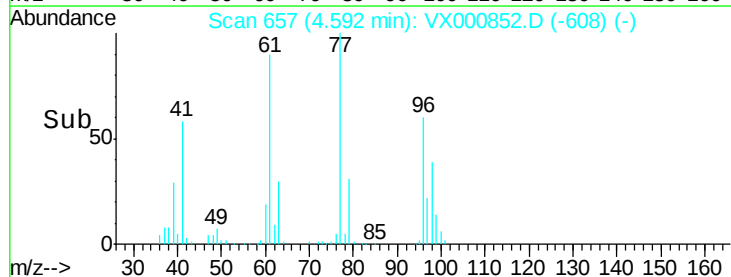
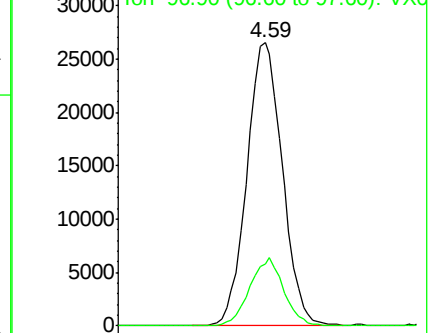
77 100

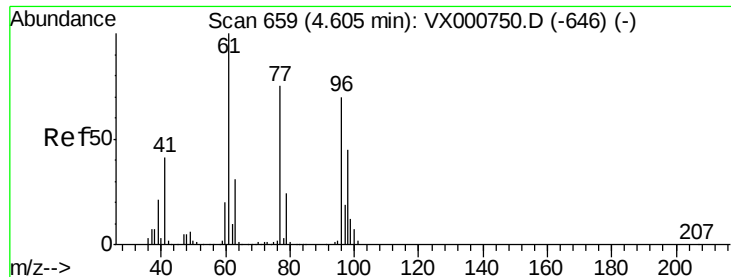
97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.46 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

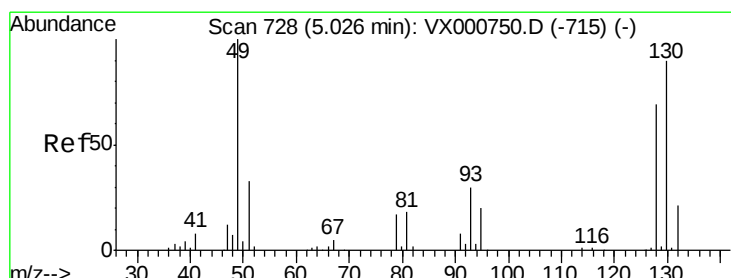
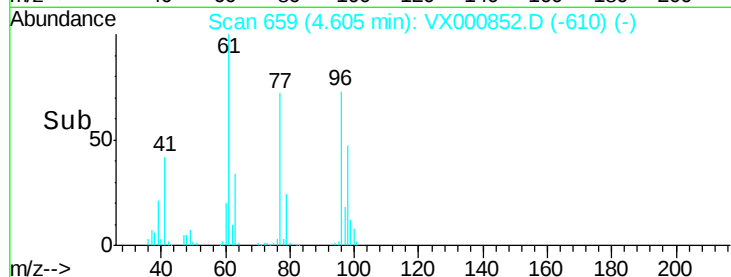
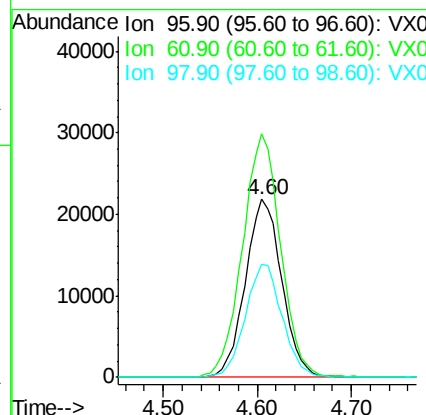
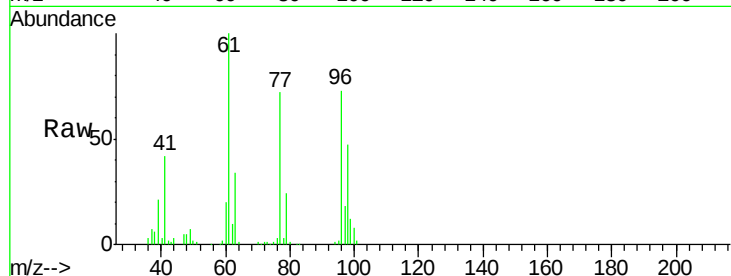
Tgt Ion: 96 Resp: 59220

Ion Ratio Lower Upper

96 100

61 143.0 0.0 292.4

98 64.2 0.0 130.2



#28

Bromochloromethane

Concen: 19.55 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

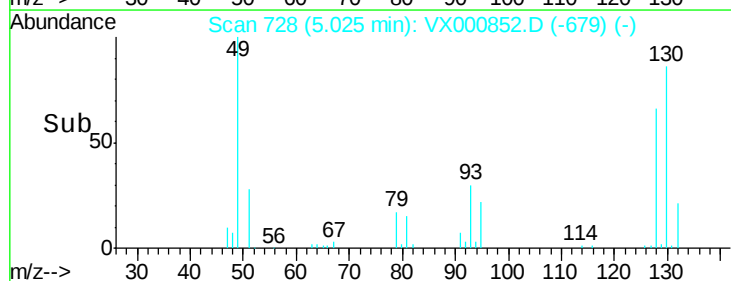
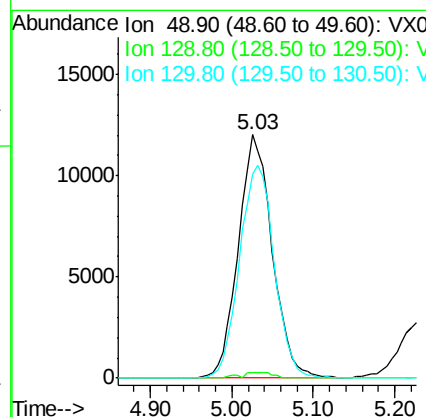
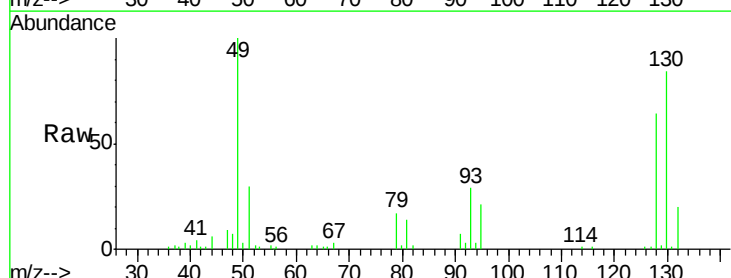
Tgt Ion: 49 Resp: 34717

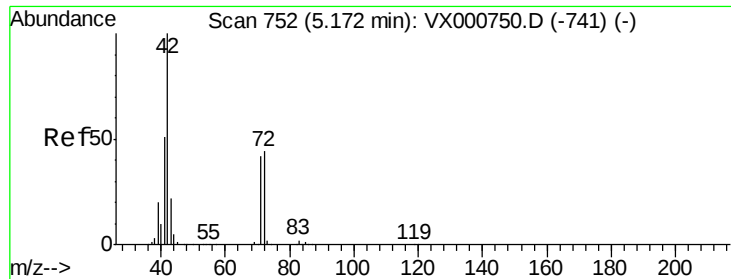
Ion Ratio Lower Upper

49 100

129 1.7 0.0 5.2

130 89.4 72.6 109.0

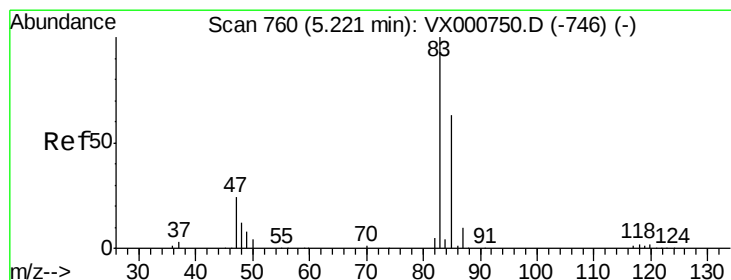
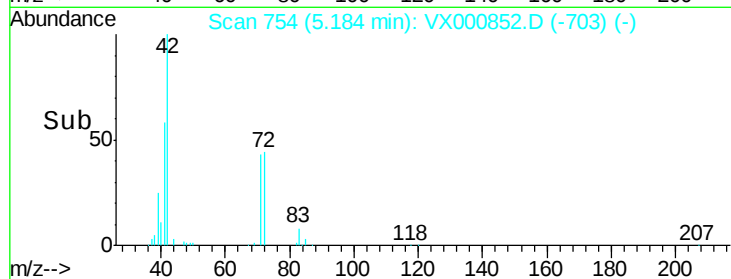
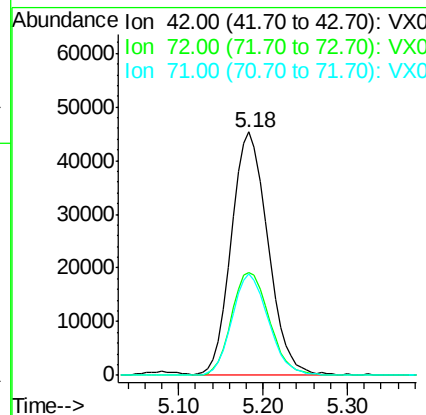
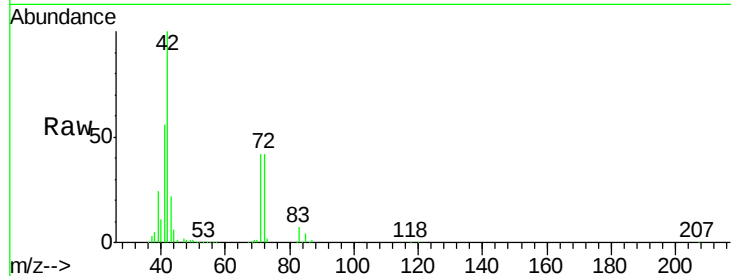




#29
Tetrahydrofuran
Concen: 115.55 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

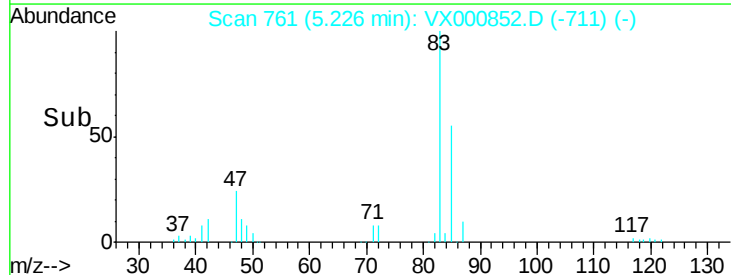
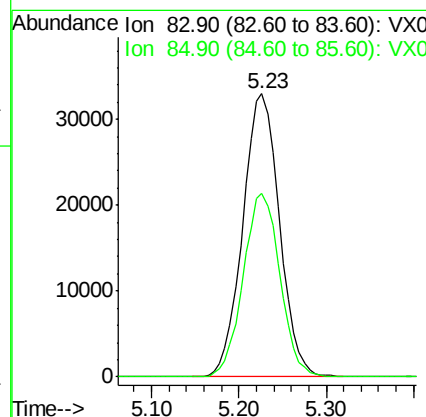
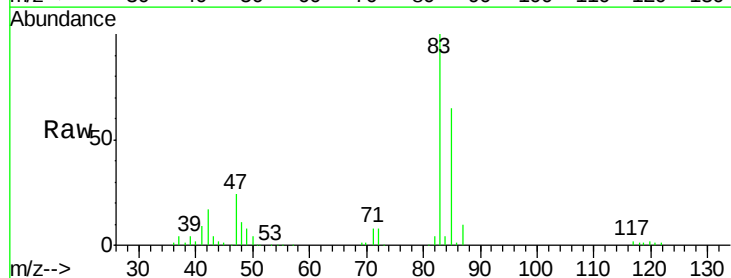
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

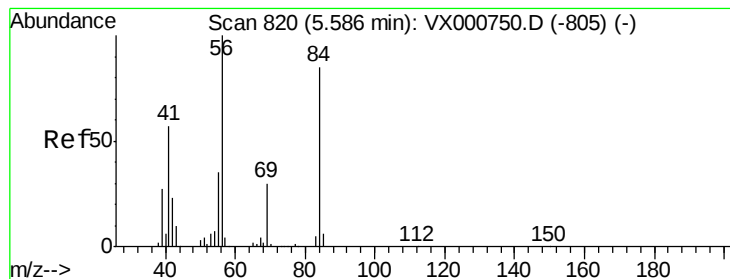
Tgt Ion: 42 Resp: 132774
Ion Ratio Lower Upper
42 100
72 44.2 35.1 52.7
71 41.6 32.8 49.2



#30
Chloroform
Concen: 20.63 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion: 83 Resp: 96324
Ion Ratio Lower Upper
83 100
85 64.6 50.7 76.1





#31

Cyclohexane

Concen: 19.08 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

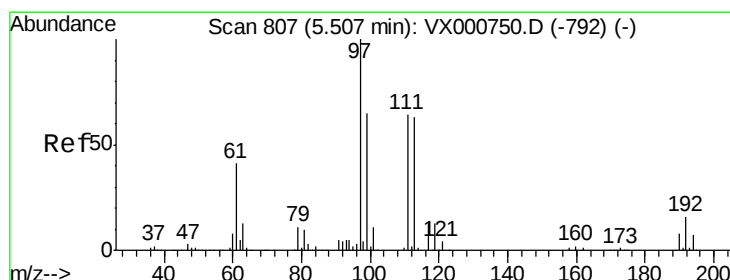
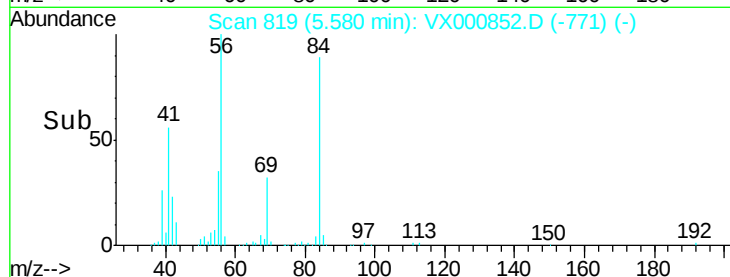
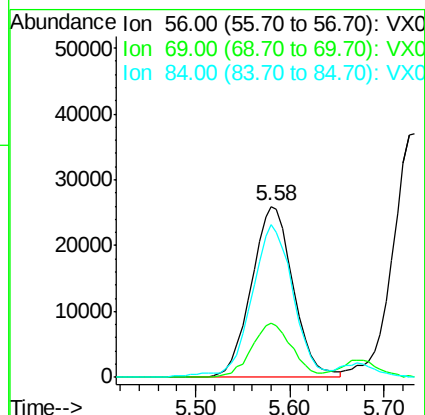
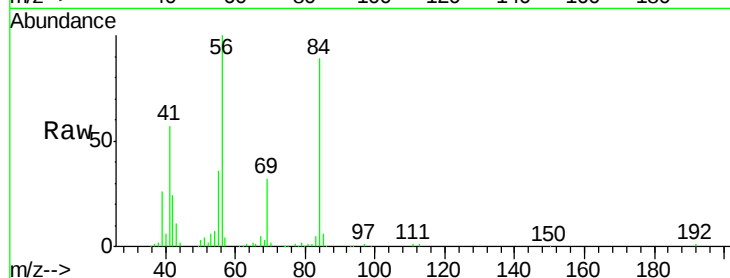
Tgt Ion: 56 Resp: 79940

Ion Ratio Lower Upper

56 100

69 31.6 24.2 36.4

84 87.2 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 19.59 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

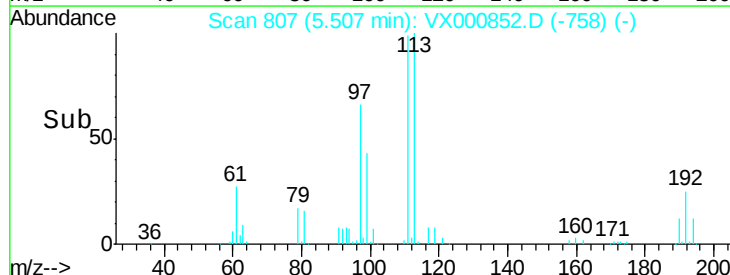
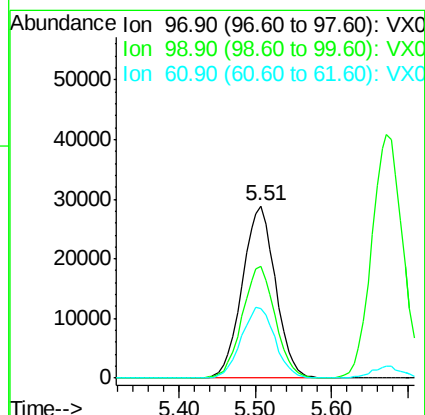
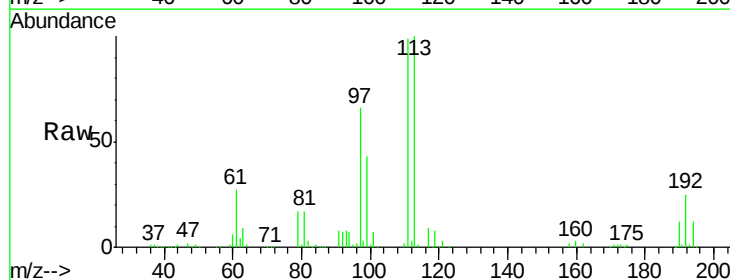
Tgt Ion: 97 Resp: 87133

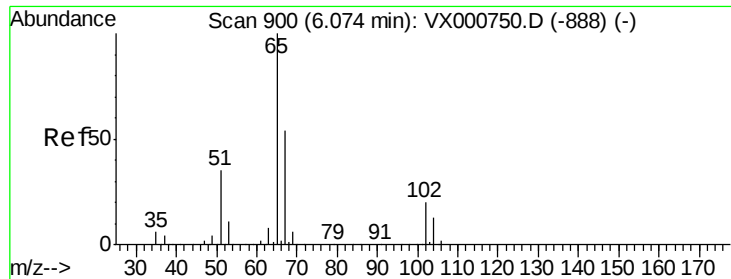
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 41.8 33.7 50.5

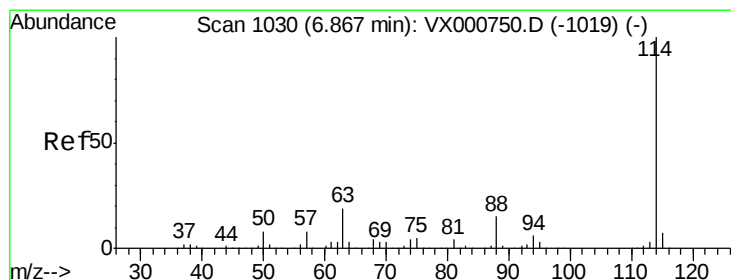
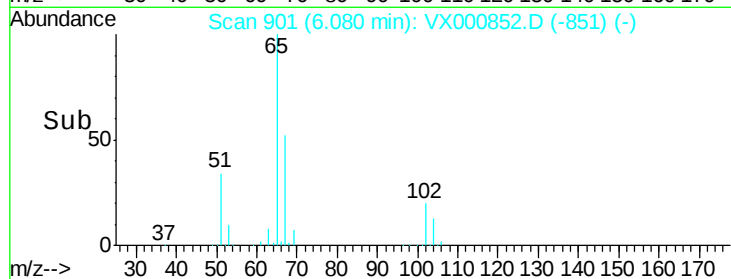
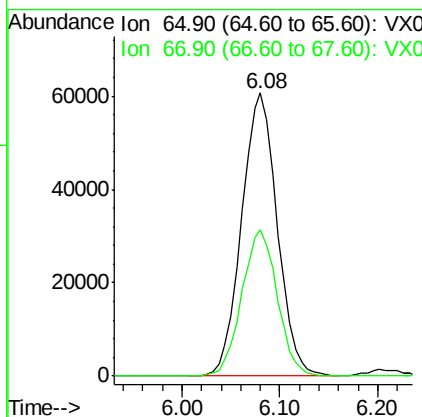
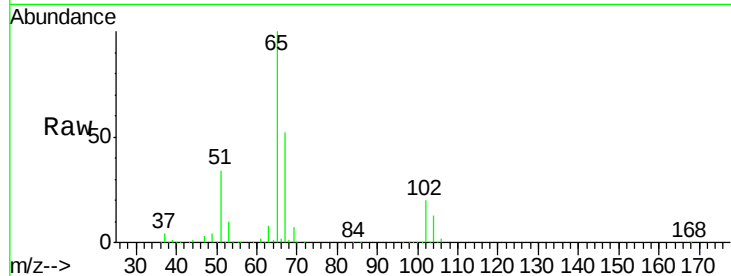




#33
 1,2-Dichloroethane-d4
 Concen: 48.24 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

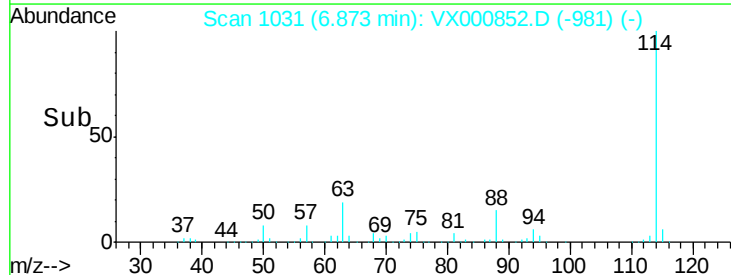
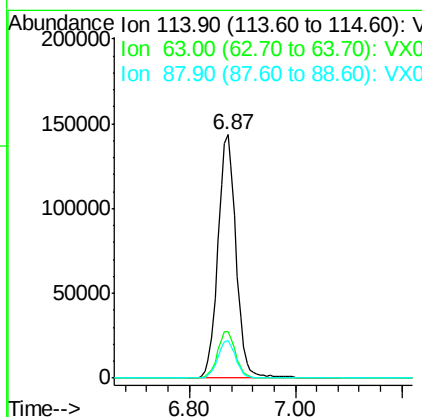
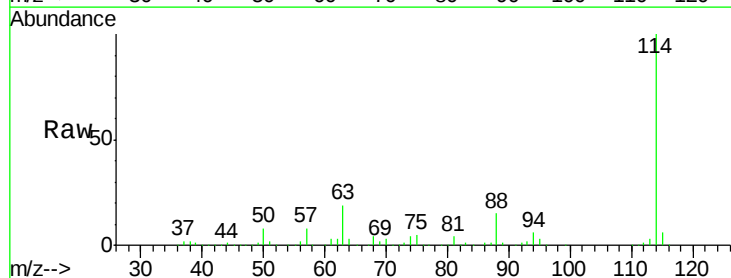
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

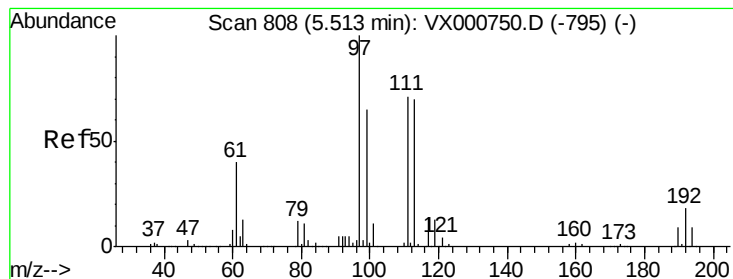
Tgt Ion: 65 Resp: 153282
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Tgt Ion: 114 Resp: 341785
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.22 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

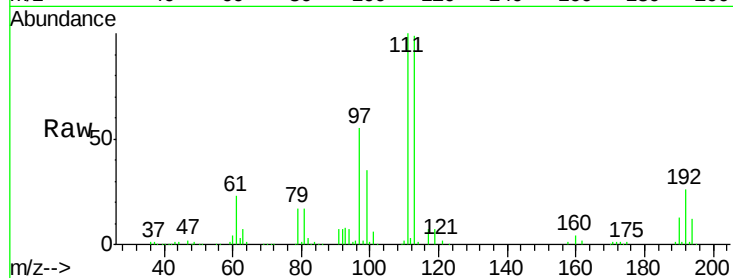
Tgt Ion:113 Resp: 129609

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

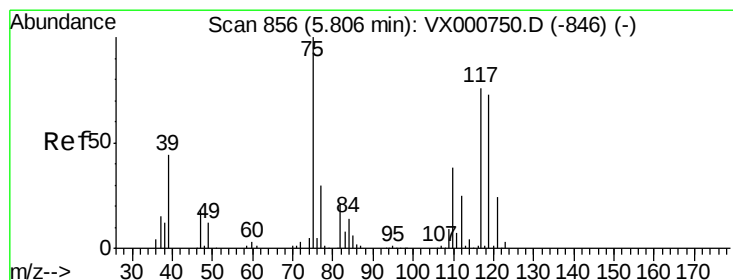
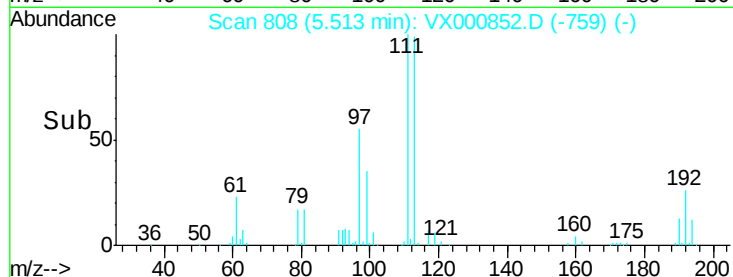
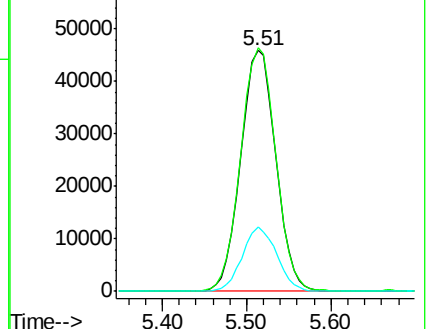
192 26.2 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.86 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

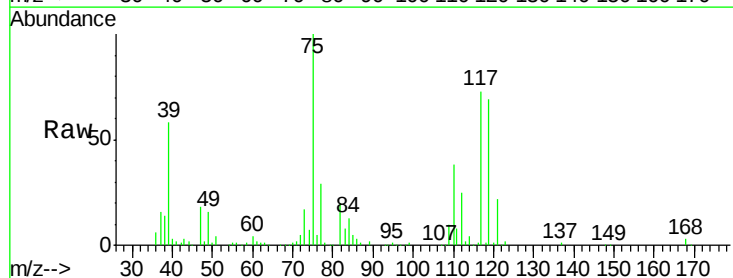
Tgt Ion: 75 Resp: 70991

Ion Ratio Lower Upper

75 100

110 38.5 19.2 57.6

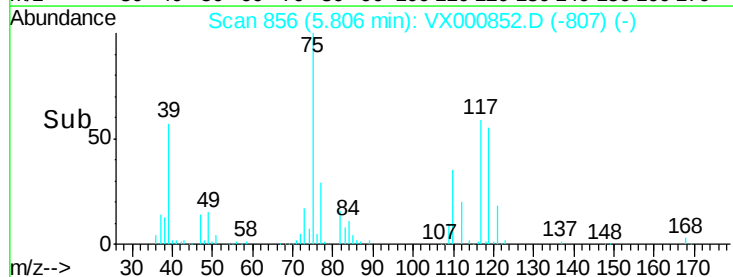
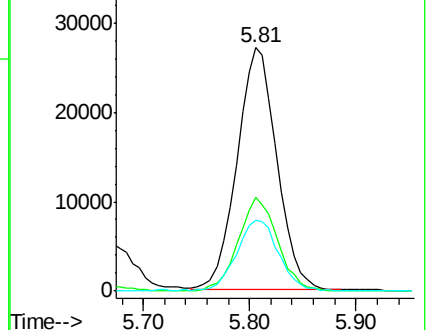
77 30.7 25.4 38.2

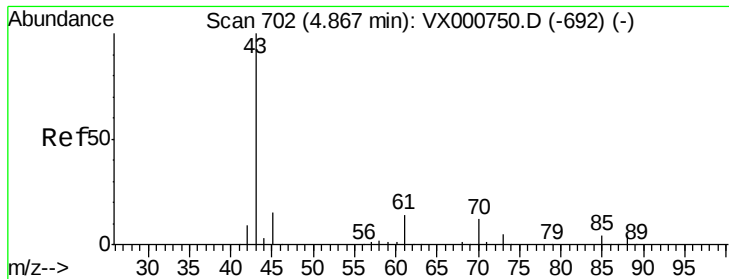


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.69 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampled :

VX0413WBSD01

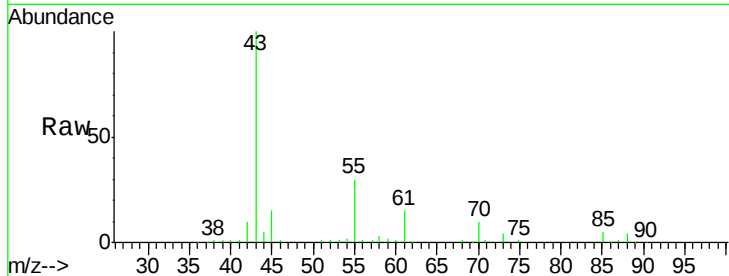
Tgt Ion: 43 Resp: 79715

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.4

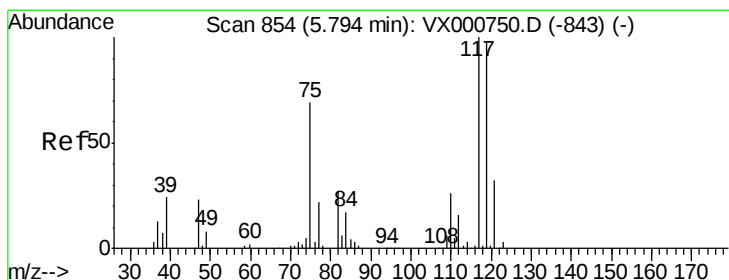
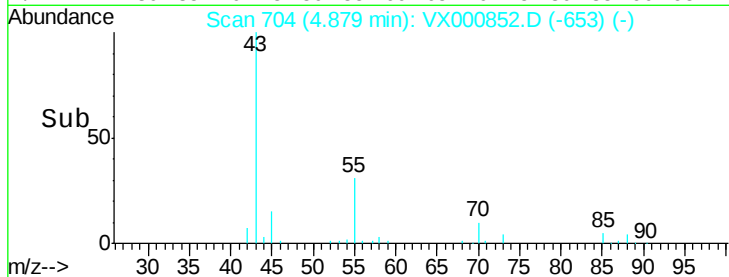
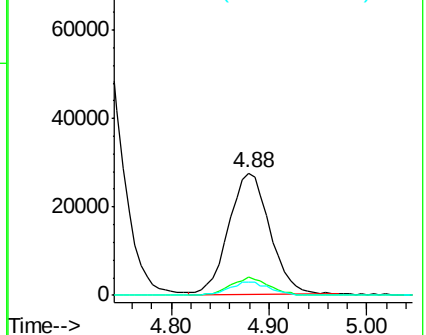
70 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.68 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

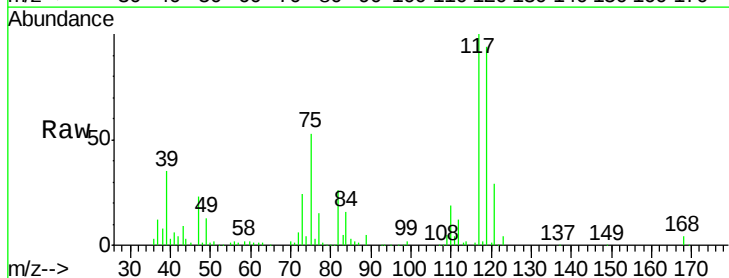
Tgt Ion: 117 Resp: 78686

Ion Ratio Lower Upper

117 100

119 93.6 78.4 117.6

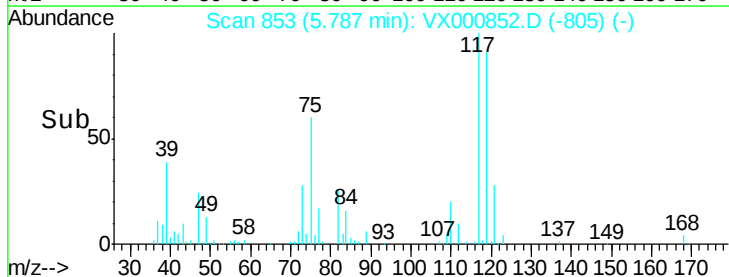
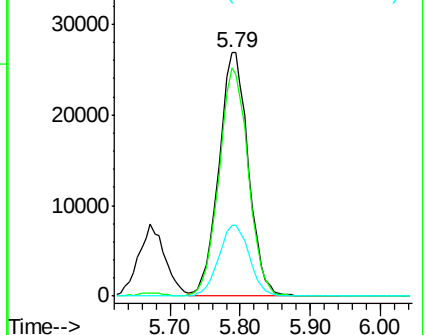
121 28.9 25.4 38.0

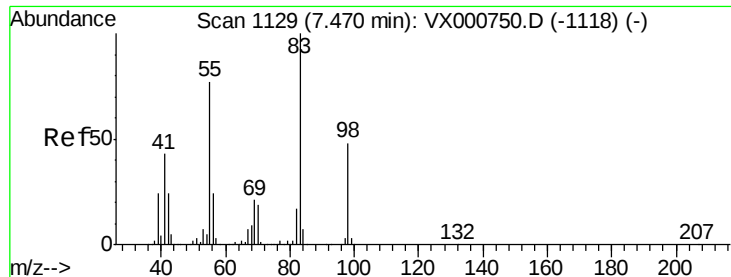


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

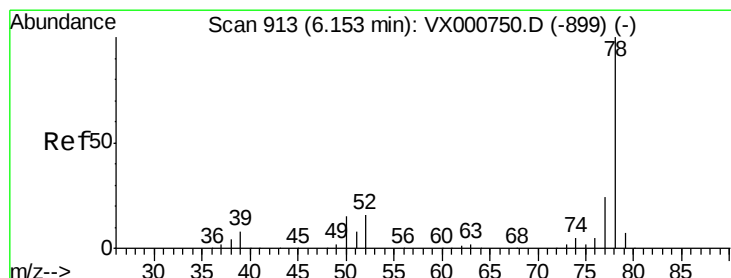
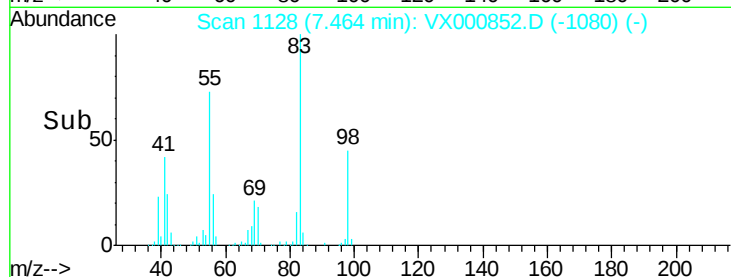
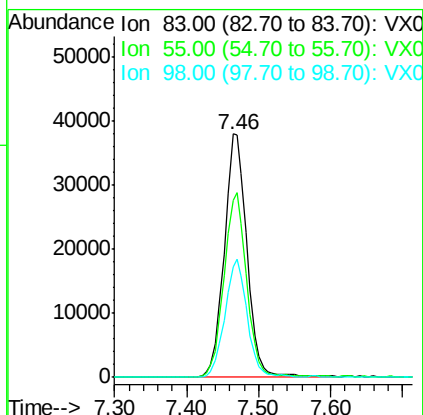
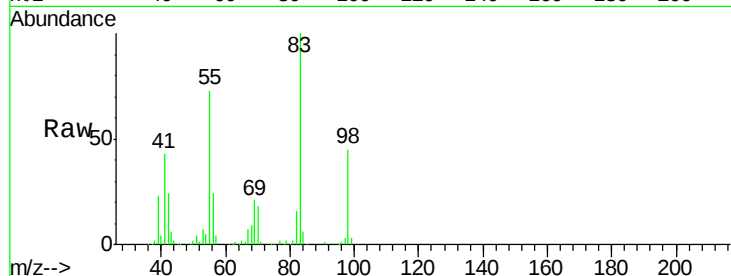




#39
Methylcyclohexane
Concen: 18.53 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

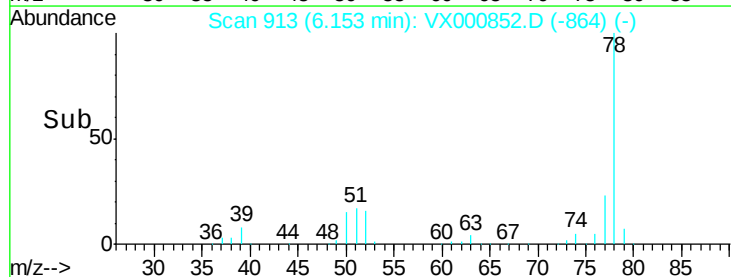
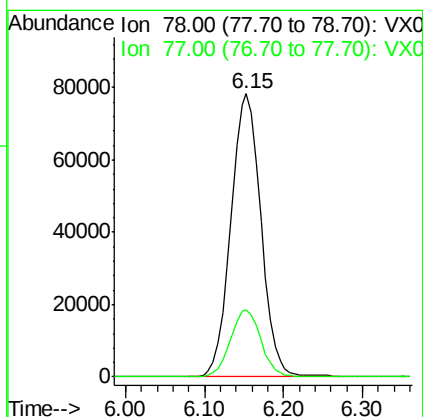
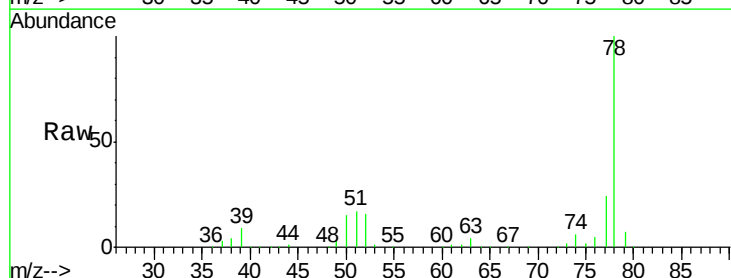
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

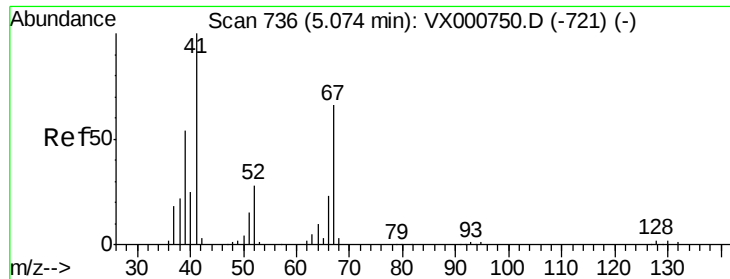
Tgt Ion: 83 Resp: 83768
Ion Ratio Lower Upper
83 100
55 72.8 61.5 92.3
98 45.3 38.1 57.1



#40
Benzene
Concen: 19.86 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion: 78 Resp: 207724
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41

Methacrylonitrile

Concen: 21.44 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

Tgt Ion: 41 Resp: 45525

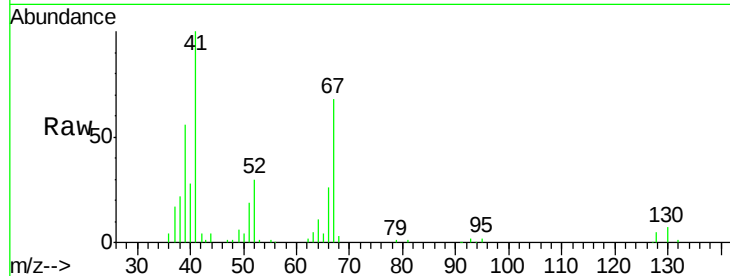
Ion Ratio Lower Upper

41 100

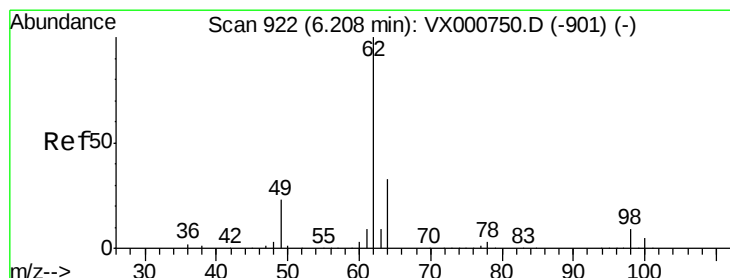
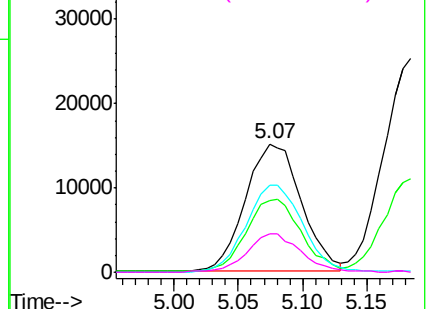
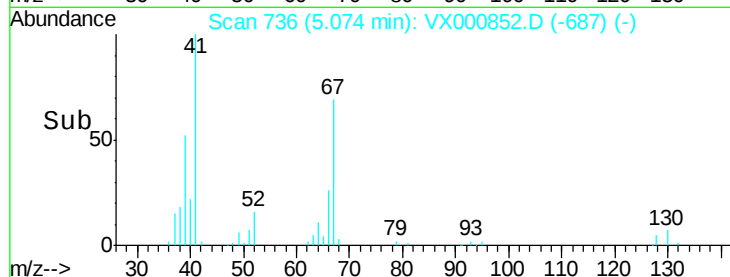
39 55.4 44.9 67.3

67 69.4 54.7 82.1

52 29.4 23.0 34.6



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: 20.20 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000852.D

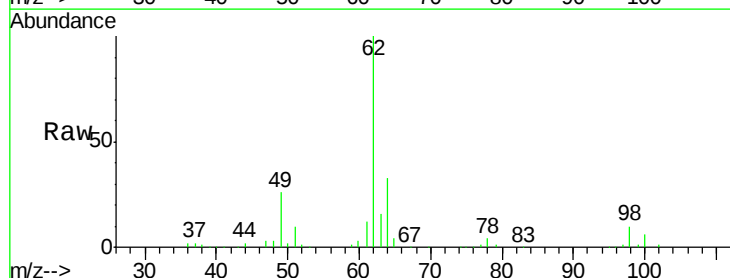
Acq: 13 Apr 2018 16:25

Tgt Ion: 62 Resp: 78889

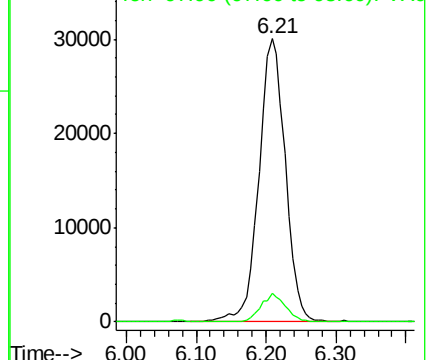
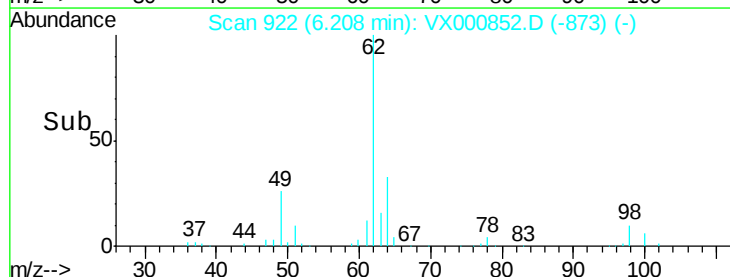
Ion Ratio Lower Upper

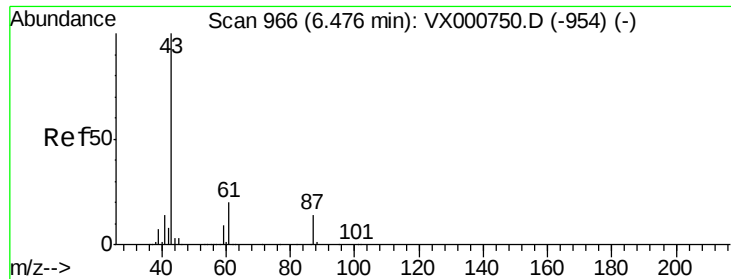
62 100

98 9.2 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



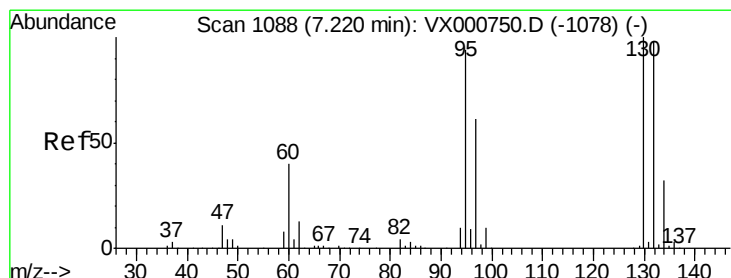
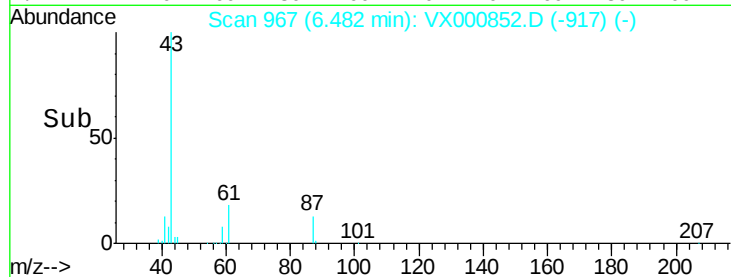
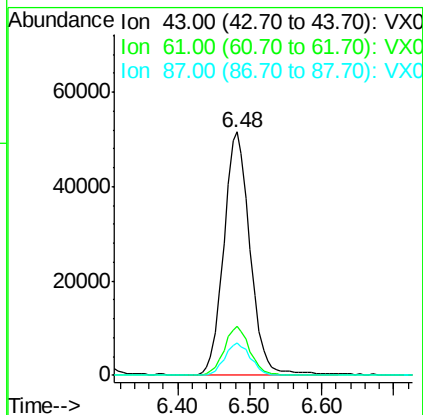
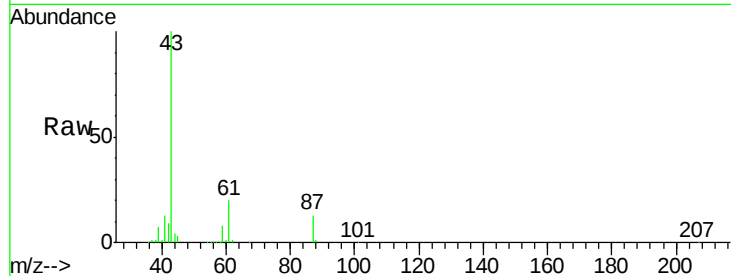


#43

Isopropyl Acetate
 Concen: 20.57 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0413WBSD01

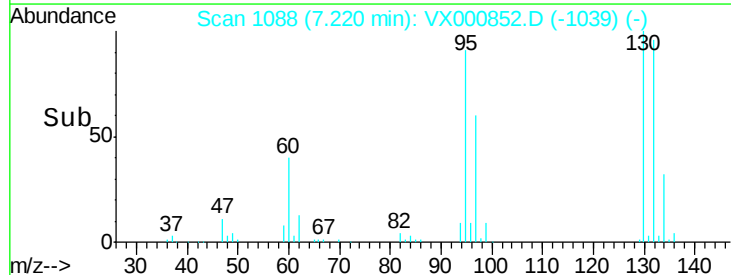
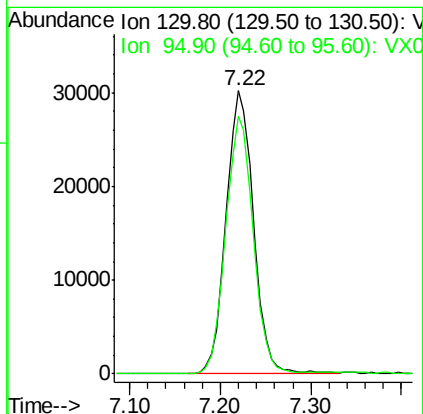
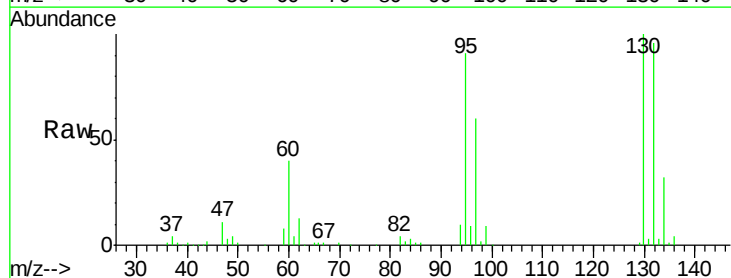
Tgt Ion: 43 Resp: 129577
 Ion Ratio Lower Upper
 43 100
 61 19.7 15.6 23.4
 87 13.4 10.7 16.1

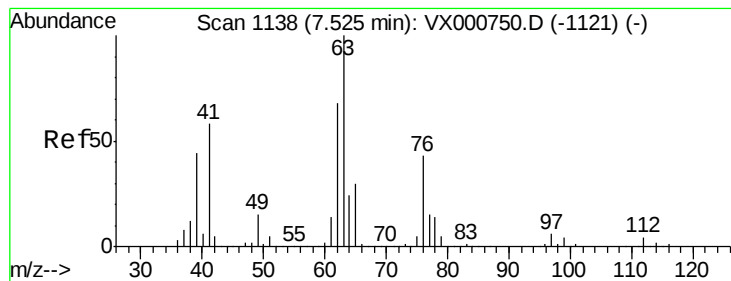


#44

Trichloroethene
 Concen: 19.56 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Tgt Ion: 130 Resp: 63628
 Ion Ratio Lower Upper
 130 100
 95 91.2 0.0 187.0





#45

1,2-Dichloropropane

Concen: 20.04 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

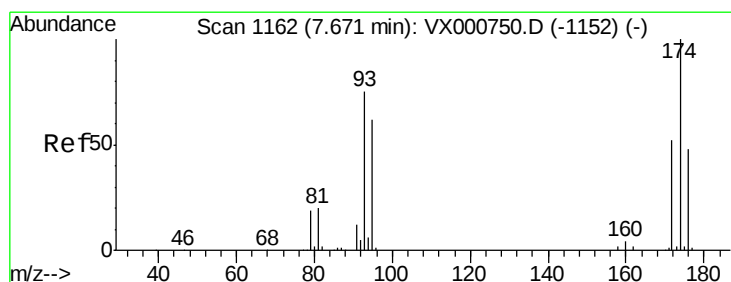
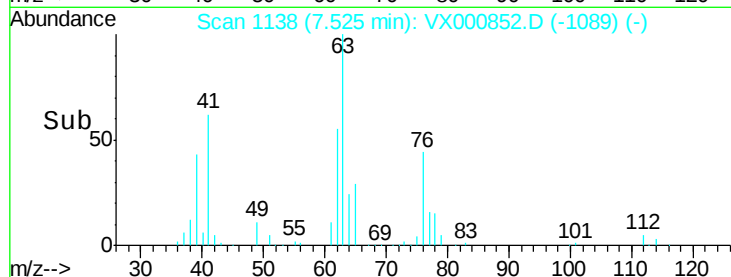
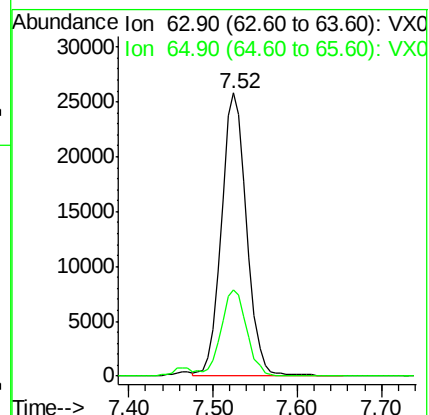
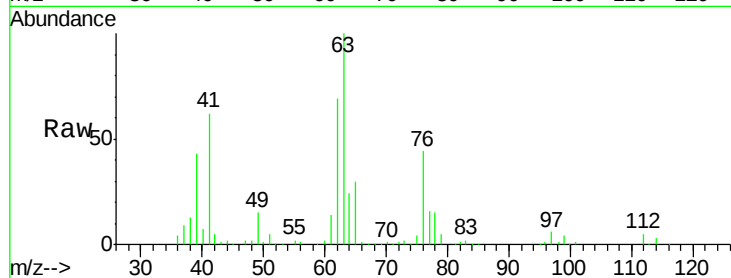
VX0413WBSD01

Tgt Ion: 63 Resp: 53372

Ion Ratio Lower Upper

63 100

65 30.4 23.7 35.5



#46

Dibromomethane

Concen: 19.81 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

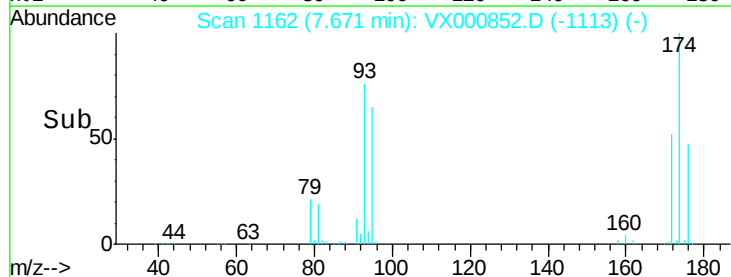
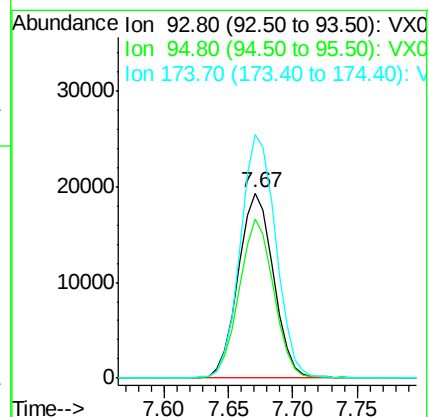
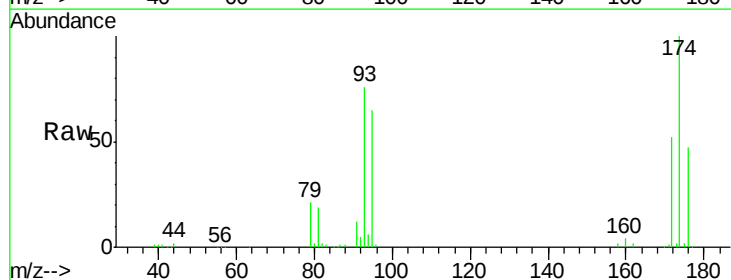
Tgt Ion: 93 Resp: 36775

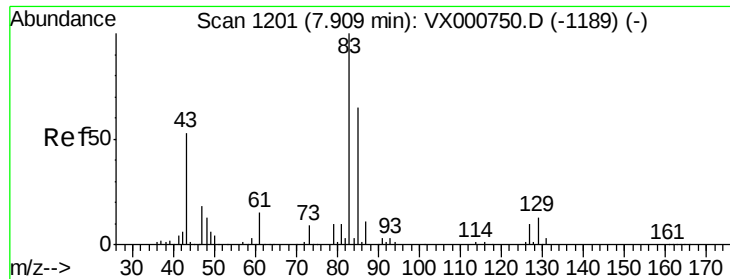
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 131.7 104.5 156.7





#47

Bromodichloromethane

Concen: 18.81 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

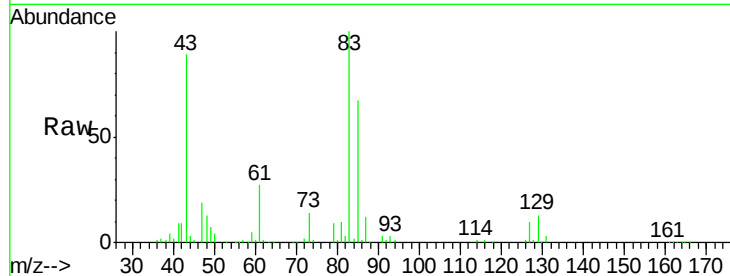
Tgt Ion: 83 Resp: 70504

Ion Ratio Lower Upper

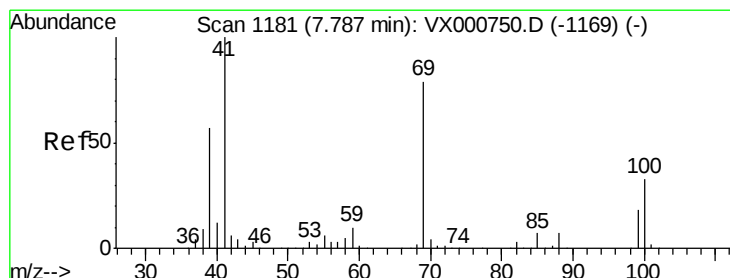
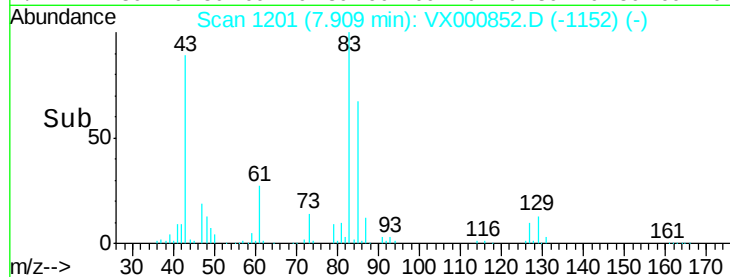
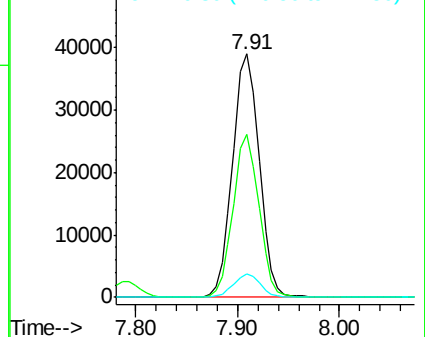
83 100

85 67.0 52.2 78.4

127 9.6 7.8 11.8



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: 20.73 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

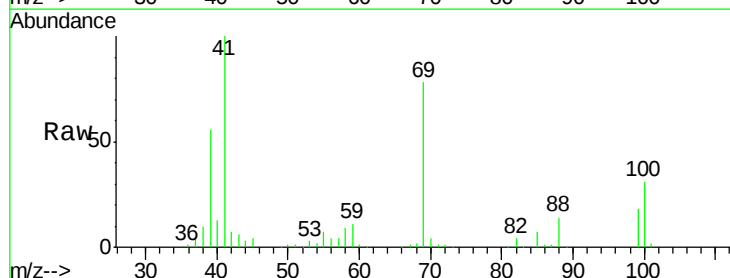
Tgt Ion: 41 Resp: 67704

Ion Ratio Lower Upper

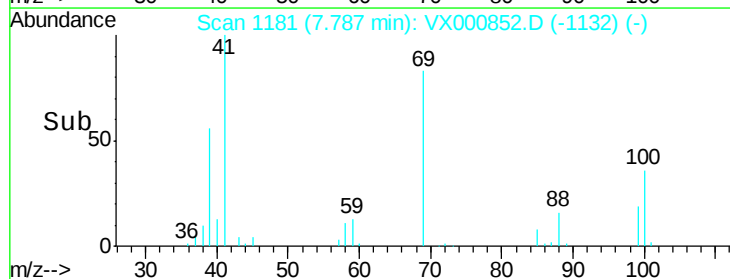
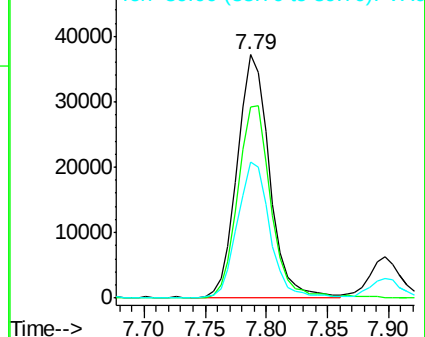
41 100

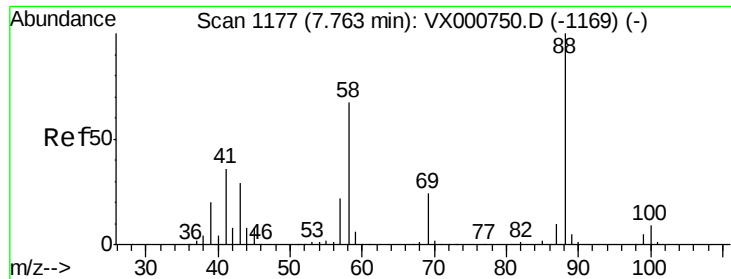
69 81.8 63.9 95.9

39 56.1 45.9 68.9



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

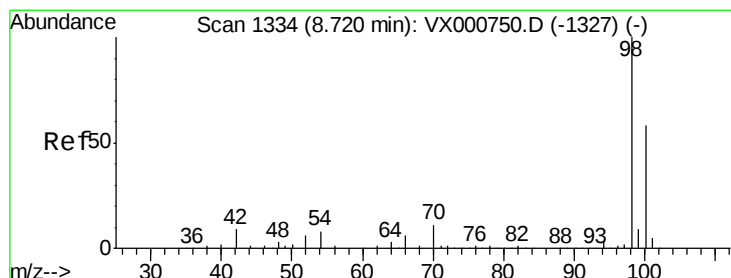
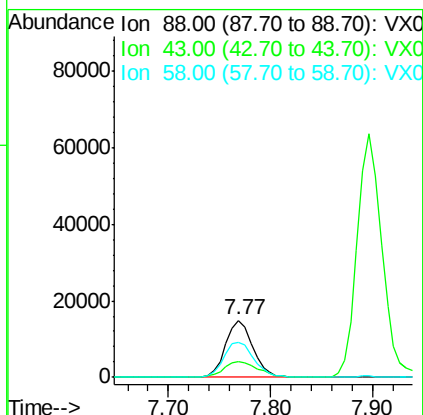
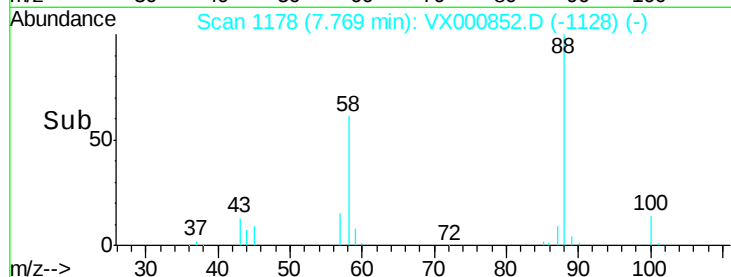
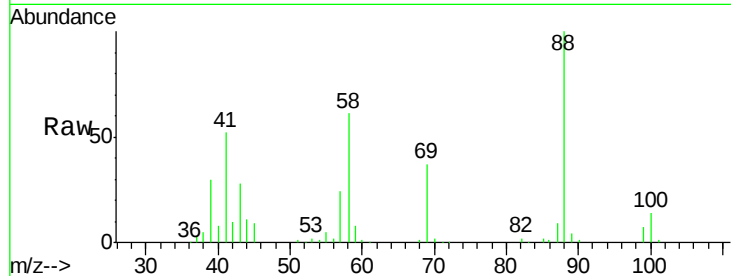




#49
1,4-Dioxane
Concen: 423.83 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

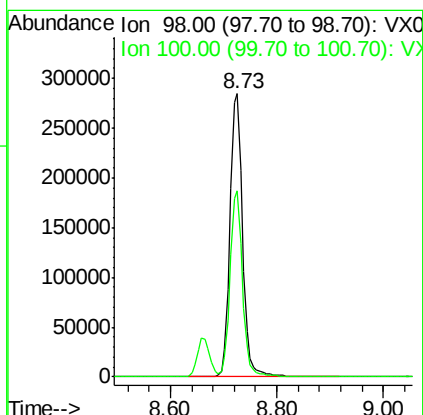
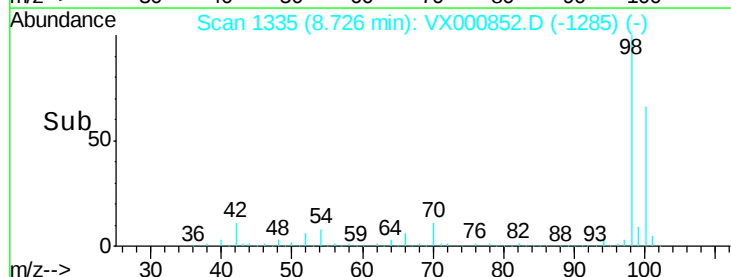
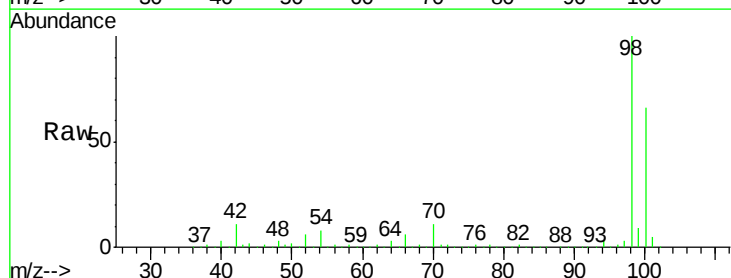
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

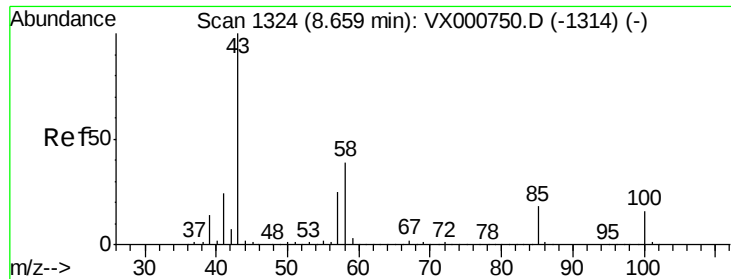
Tgt Ion: 88 Resp: 27814
Ion Ratio Lower Upper
88 100
43 32.8 25.8 38.8
58 68.5 54.4 81.6



#50
Toluene-d8
Concen: 48.35 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion: 98 Resp: 474032
Ion Ratio Lower Upper
98 100
100 65.2 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 112.38 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

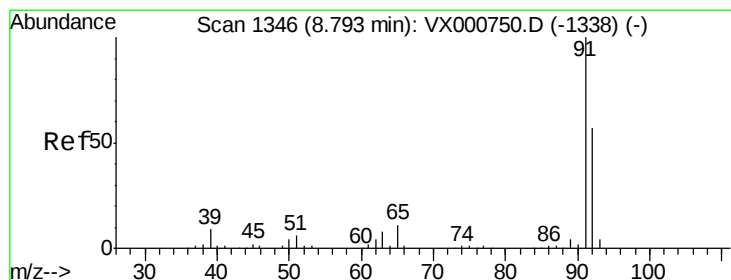
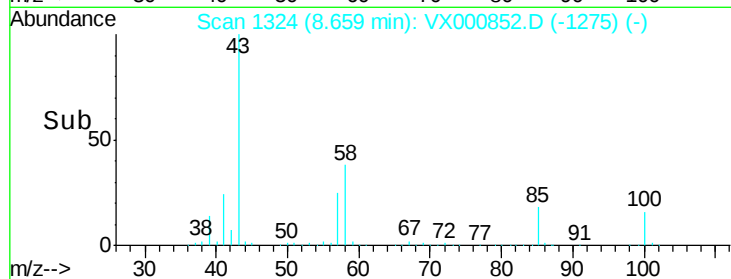
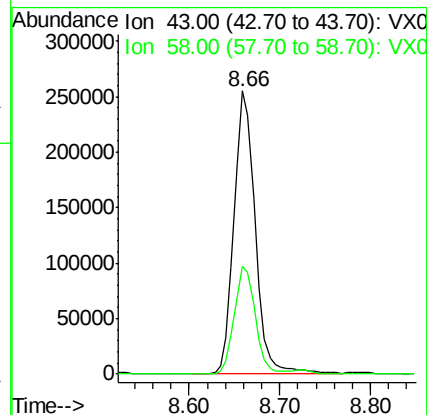
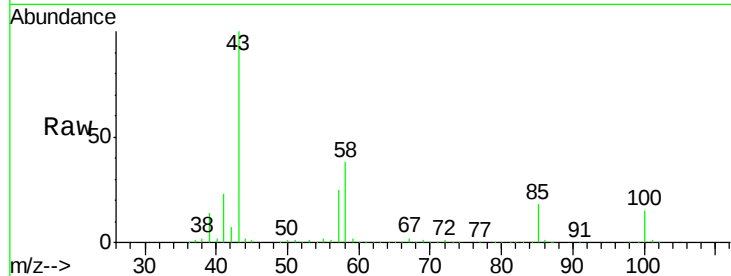
VX0413WBSD01

Tgt Ion: 43 Resp: 415889

Ion Ratio Lower Upper

43 100

58 37.5 30.3 45.5



#52

Toluene

Concen: 19.95 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000852.D

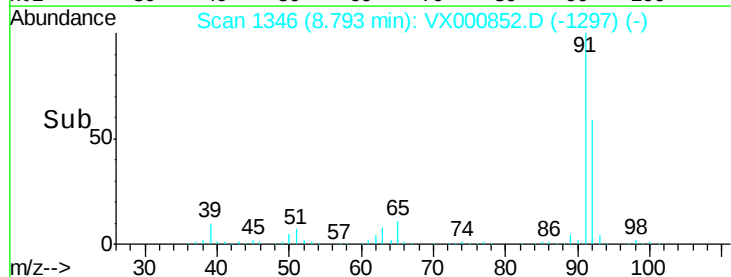
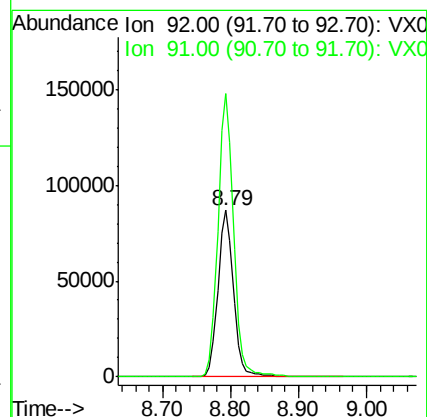
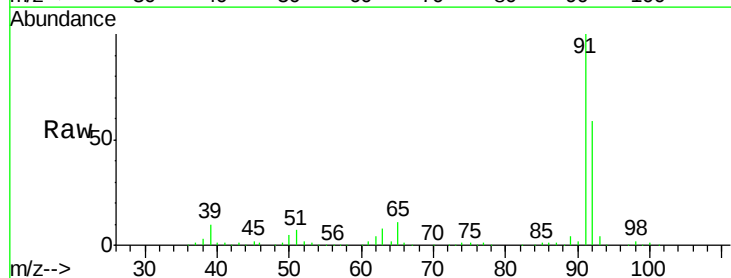
Acq: 13 Apr 2018 16:25

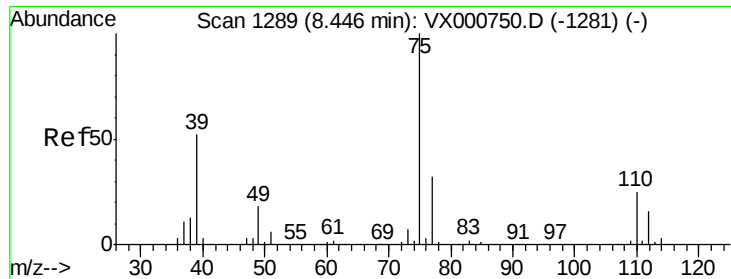
Tgt Ion: 92 Resp: 138456

Ion Ratio Lower Upper

92 100

91 170.9 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 19.15 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

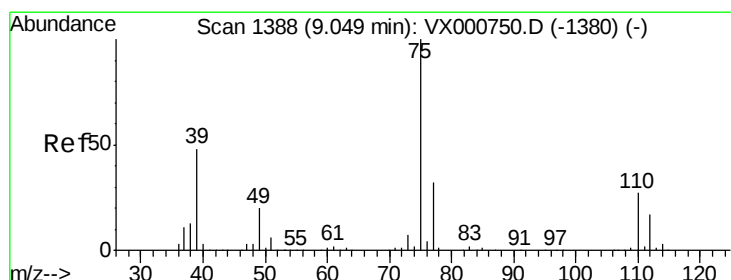
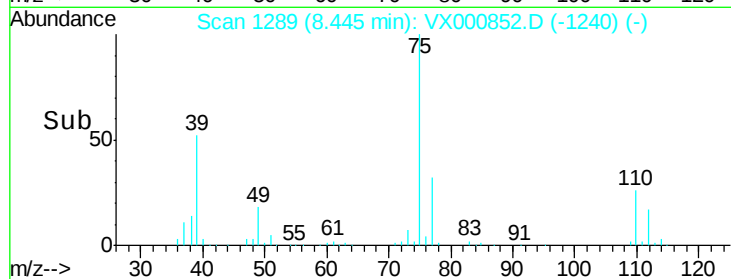
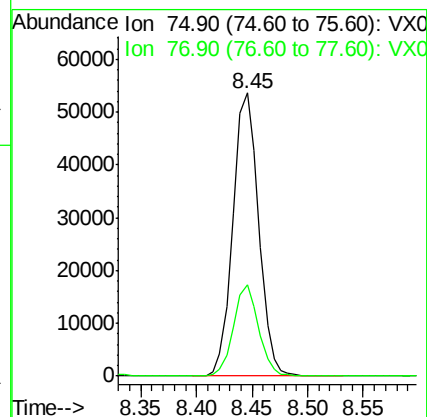
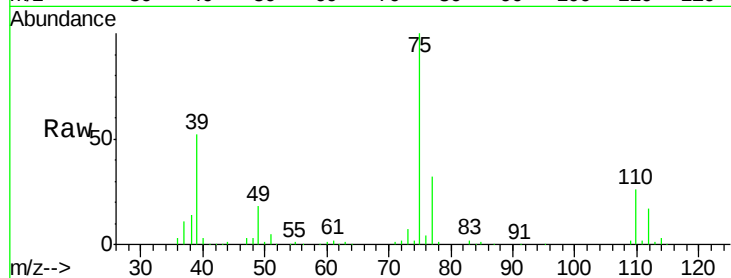
VX0413WBSD01

Tgt Ion: 75 Resp: 86083

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.70 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

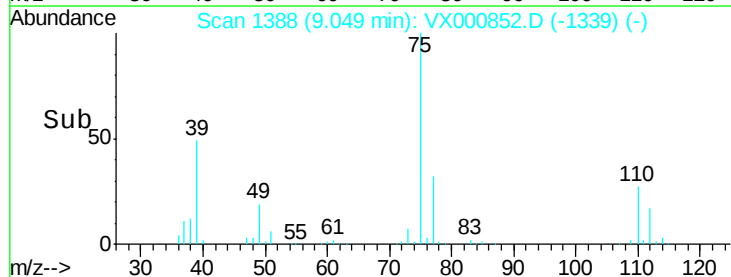
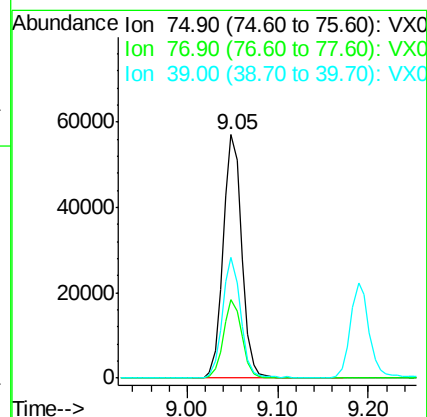
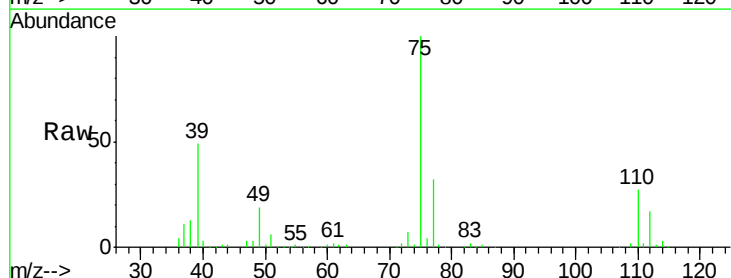
Tgt Ion: 75 Resp: 81846

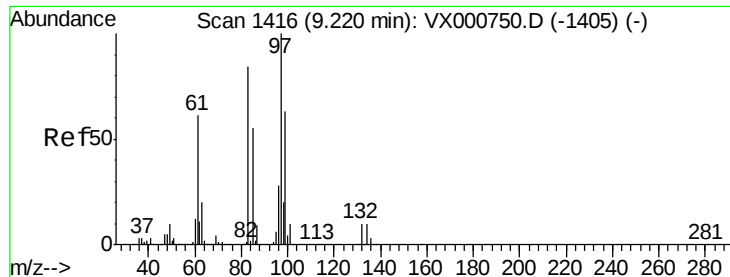
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

39 49.2 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 20.18 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

Tgt Ion: 97 Resp: 55594

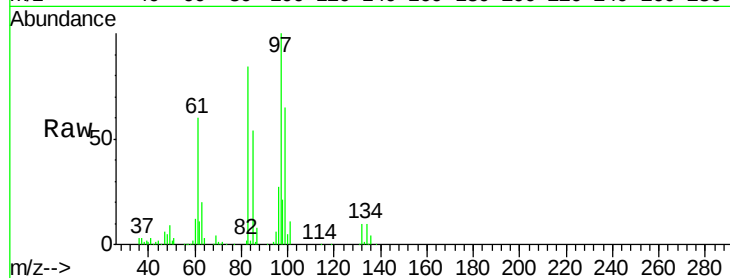
Ion Ratio Lower Upper

97 100

83 83.8 67.6 101.4

85 53.7 43.8 65.6

99 64.6 50.2 75.4

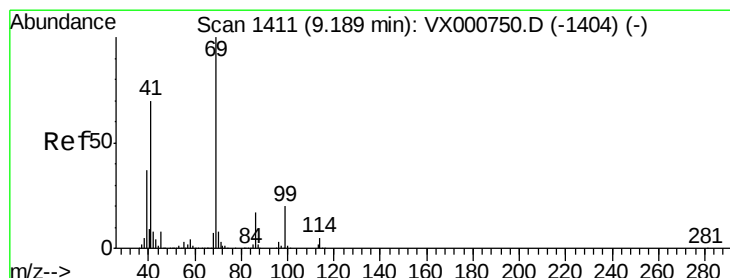
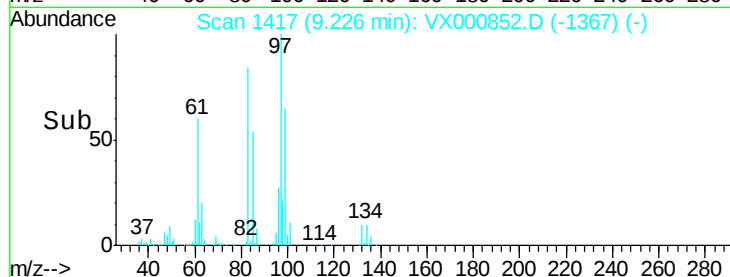
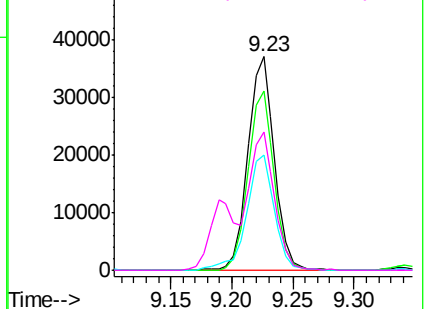


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.53 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

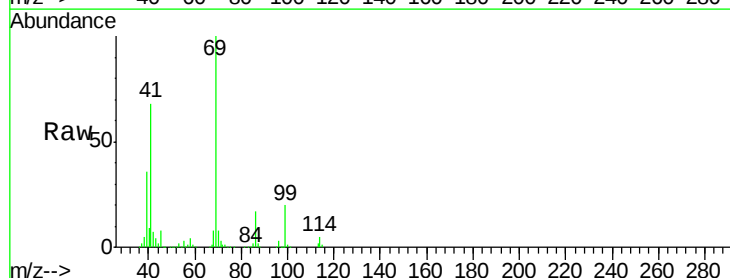
Tgt Ion: 69 Resp: 87228

Ion Ratio Lower Upper

69 100

41 67.6 55.6 83.4

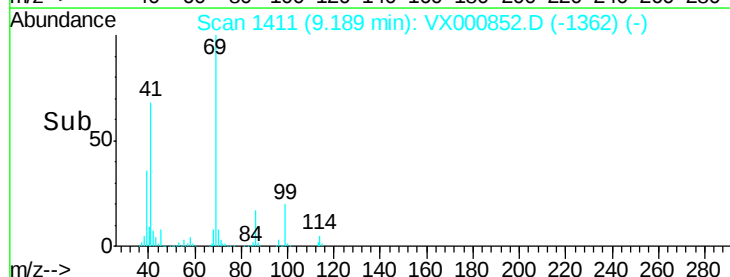
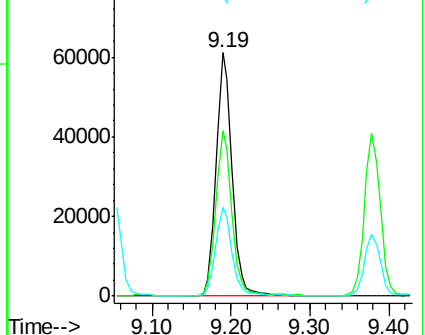
39 36.9 30.3 45.5

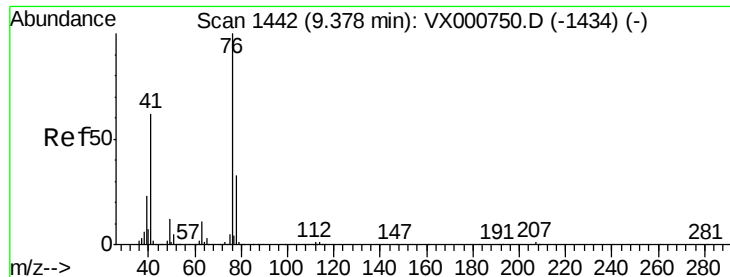


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.78 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

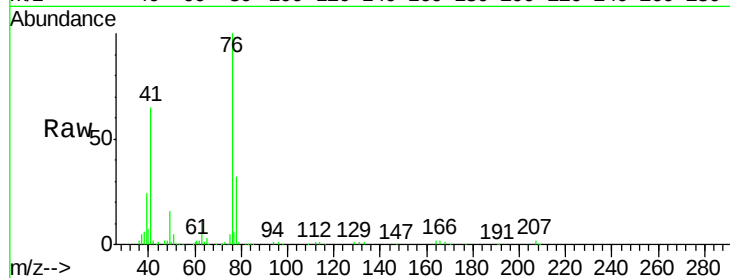
VX0413WBSD01

Tgt Ion: 76 Resp: 91022

Ion Ratio Lower Upper

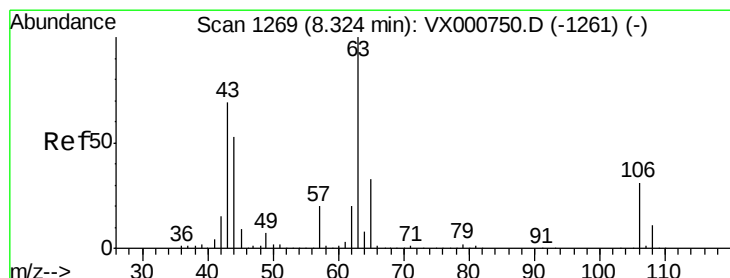
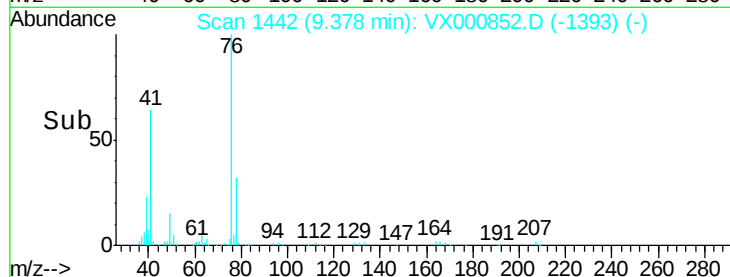
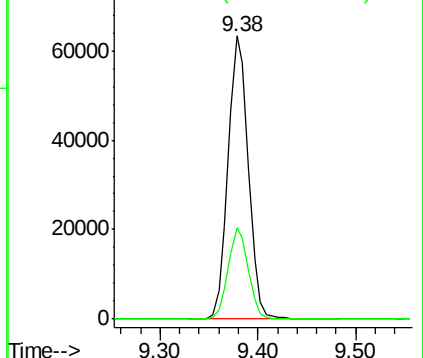
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 105.75 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000852.D

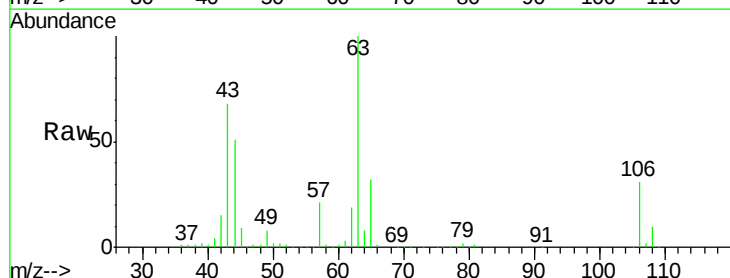
Acq: 13 Apr 2018 16:25

Tgt Ion: 63 Resp: 209954

Ion Ratio Lower Upper

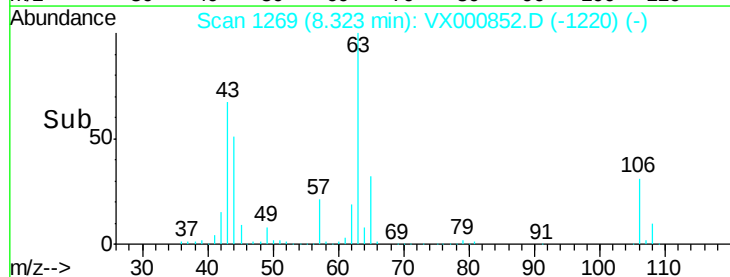
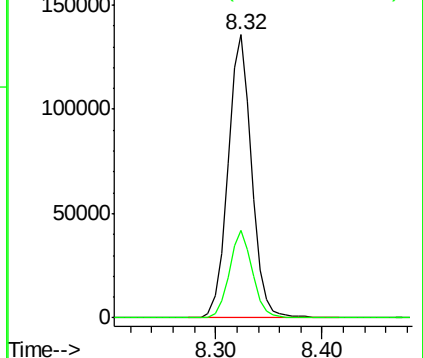
63 100

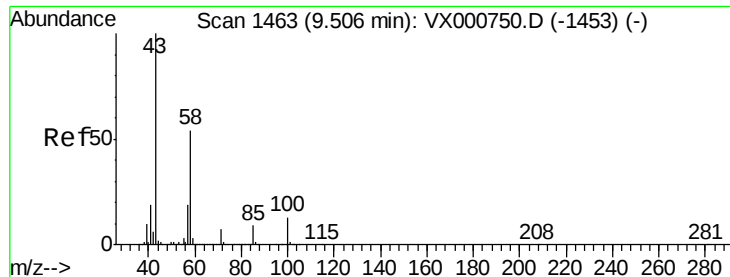
106 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

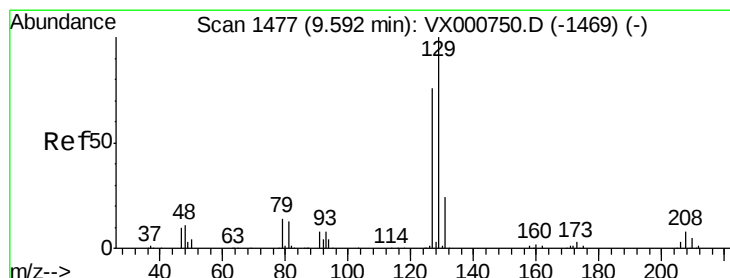
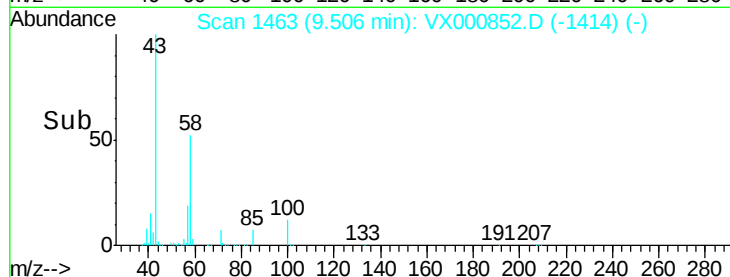
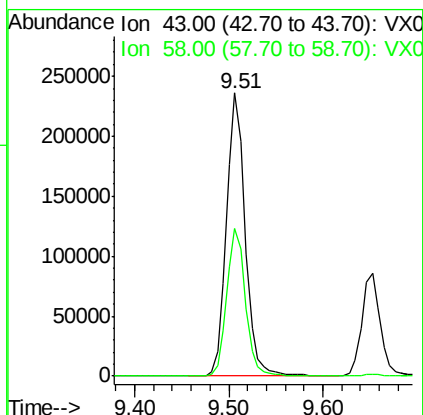
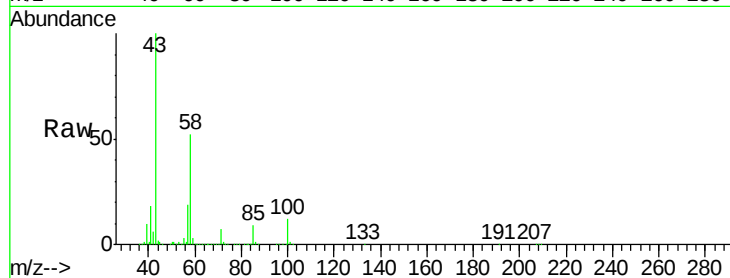




#59
 2-Hexanone
 Concen: 114.27 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

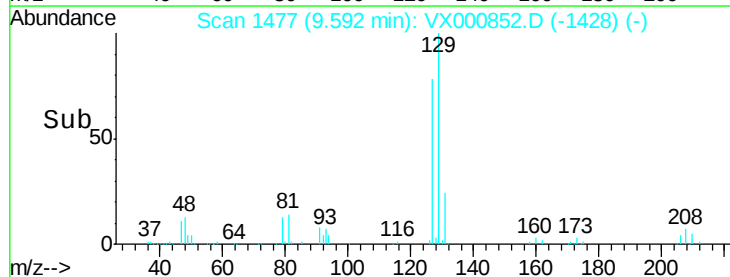
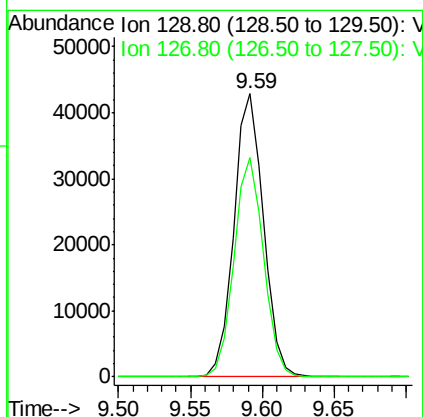
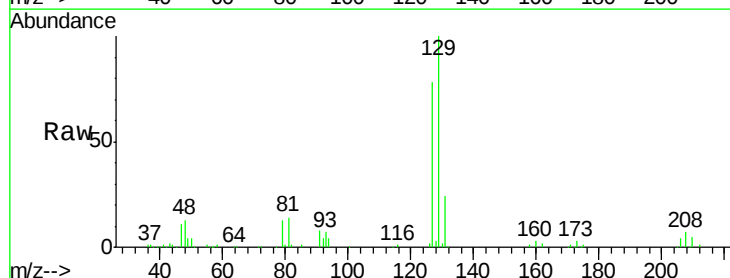
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

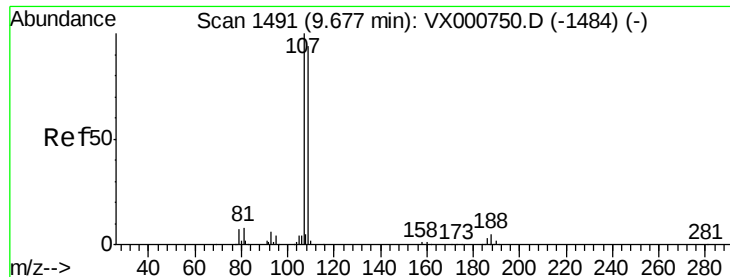
Tgt Ion: 43 Resp: 326457
 Ion Ratio Lower Upper
 43 100
 58 52.6 26.5 79.5



#60
 Dibromochloromethane
 Concen: 18.59 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Tgt Ion: 129 Resp: 61280
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.46 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

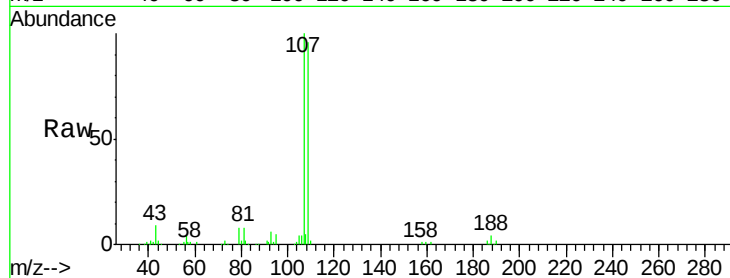
VX0413WBSD01

Tgt Ion: 107 Resp: 59799

Ion Ratio Lower Upper

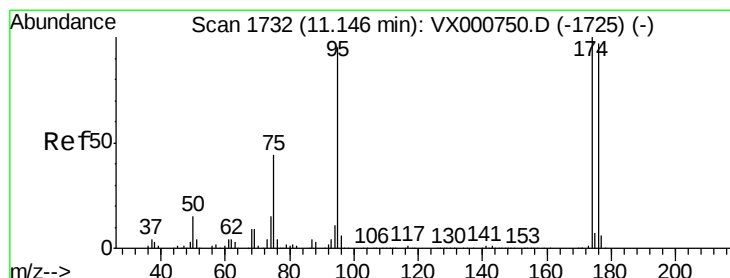
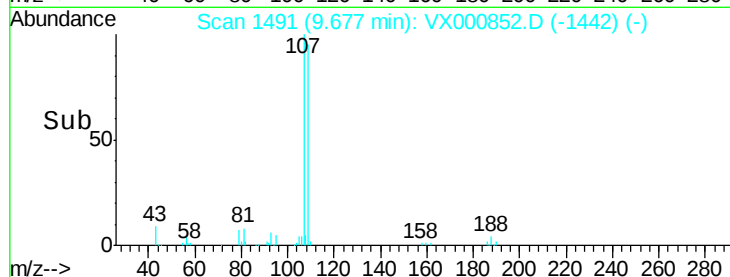
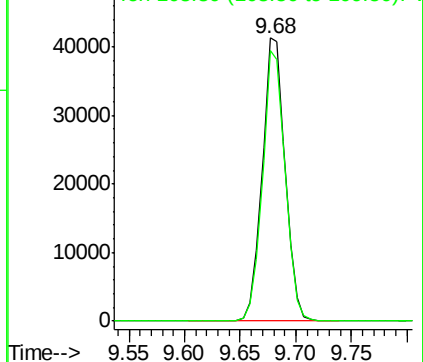
107 100

109 94.6 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.77 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

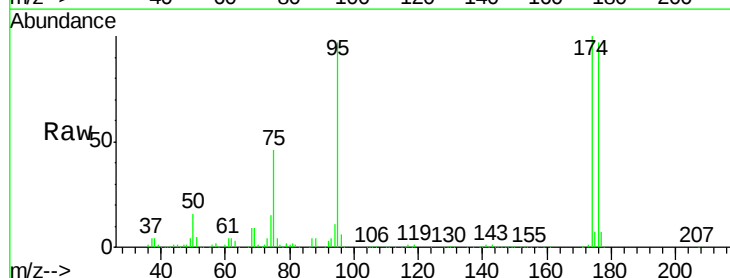
Tgt Ion: 95 Resp: 189708

Ion Ratio Lower Upper

95 100

174 99.0 0.0 198.4

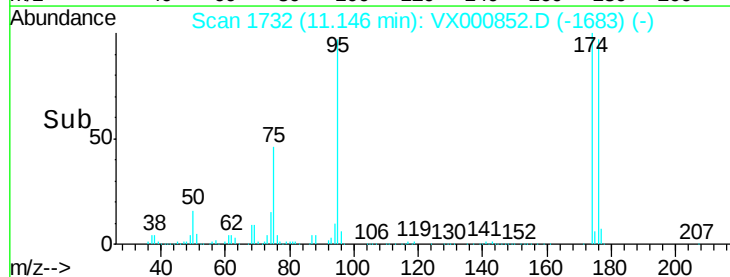
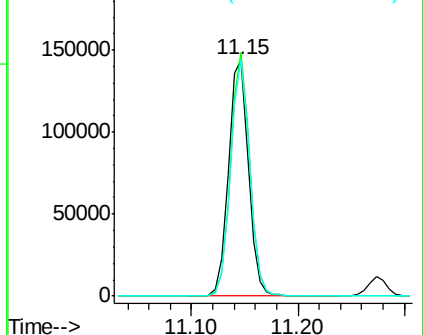
176 96.2 0.0 194.4

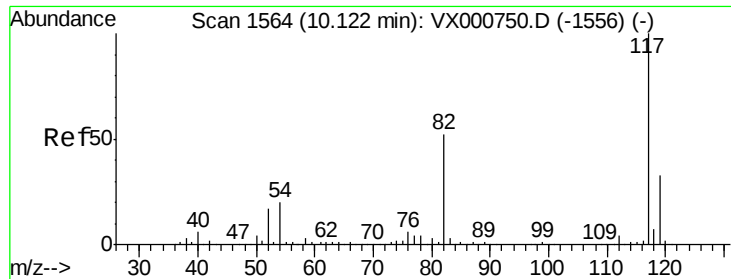


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

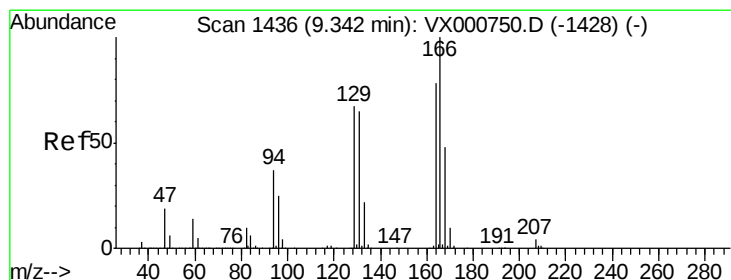
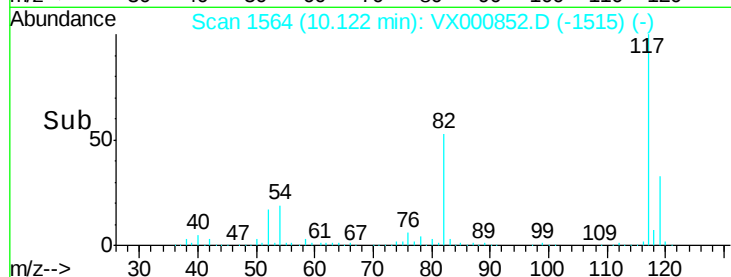
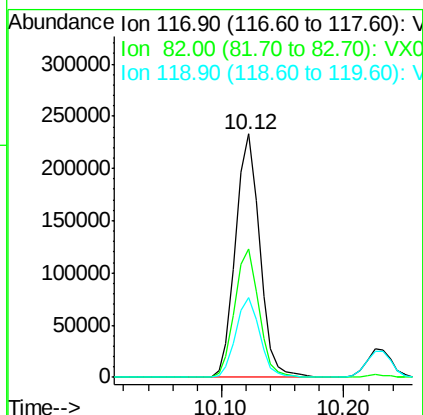
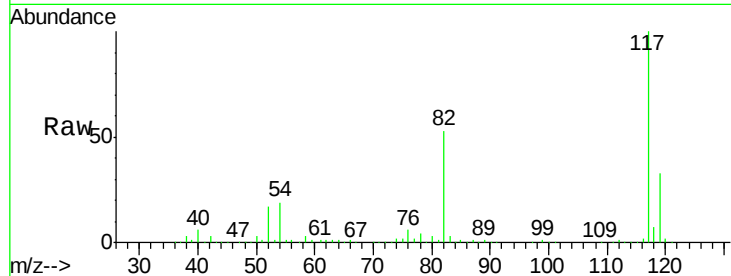




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

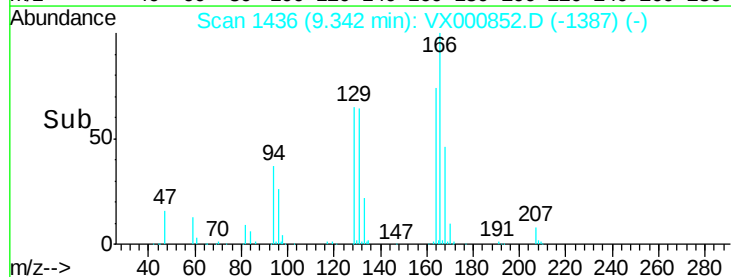
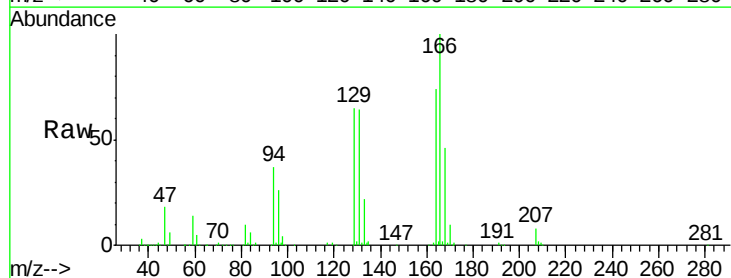
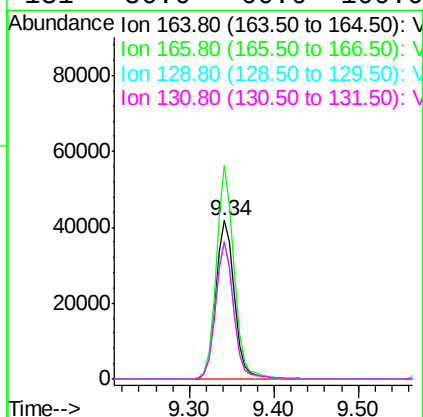
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

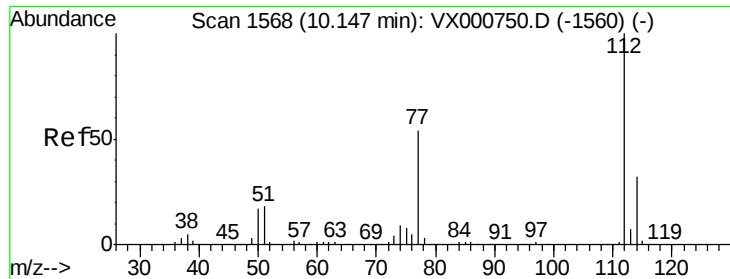
Tgt Ion:117 Resp: 318932
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 32.8 26.0 39.0



#64
Tetrachloroethene
Concen: 20.51 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion:164 Resp: 63974
Ion Ratio Lower Upper
164 100
166 135.0 102.8 154.2
129 87.2 68.5 102.7
131 86.6 66.6 100.0

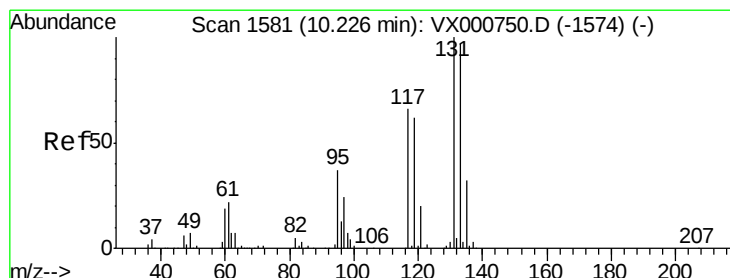
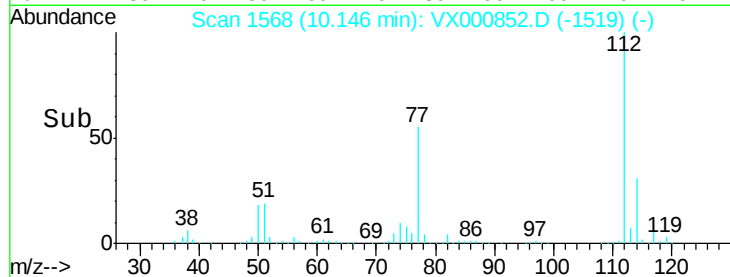
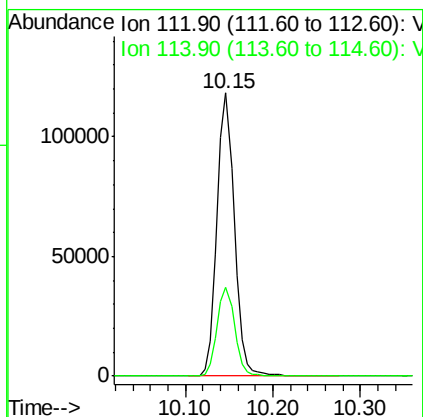
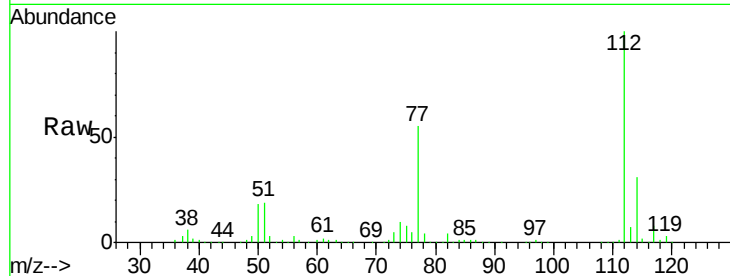




#65
 Chlorobenzene
 Concen: 20.28 ug/l
 RT: 10.15 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

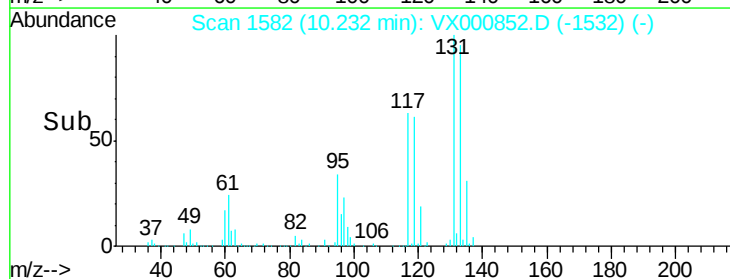
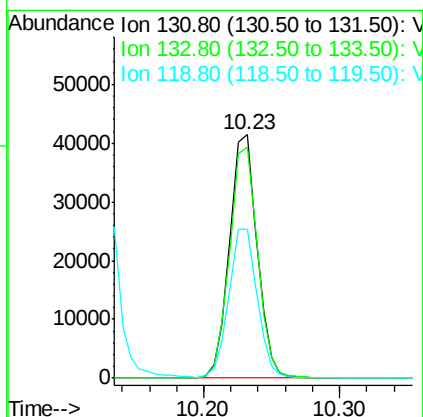
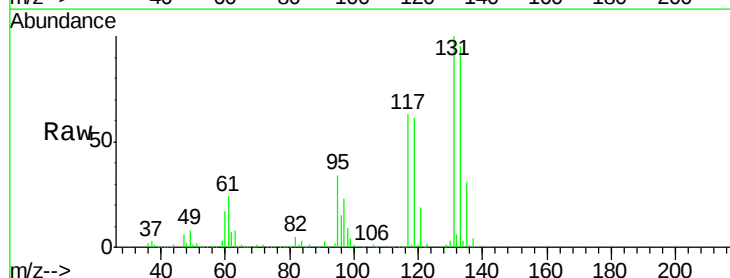
Instrument :
 MSVOA_X
 ClientSampled :
 VX0413WBSD01

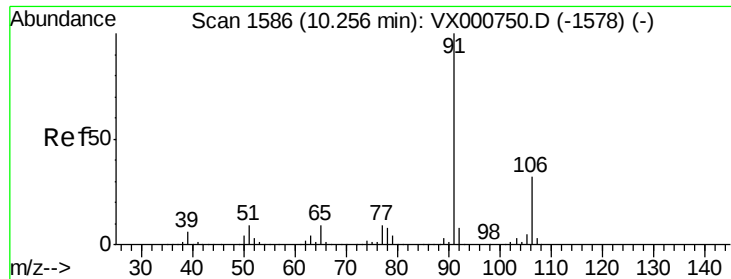
Tgt Ion:112 Resp: 162677
 Ion Ratio Lower Upper
 112 100
 114 31.3 25.8 38.8



#66
 1,1,1,2-Tetrachloroethane
 Concen: 19.48 ug/l
 RT: 10.23 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Tgt Ion:131 Resp: 58822
 Ion Ratio Lower Upper
 131 100
 133 96.5 48.3 144.9
 119 63.0 31.4 94.0

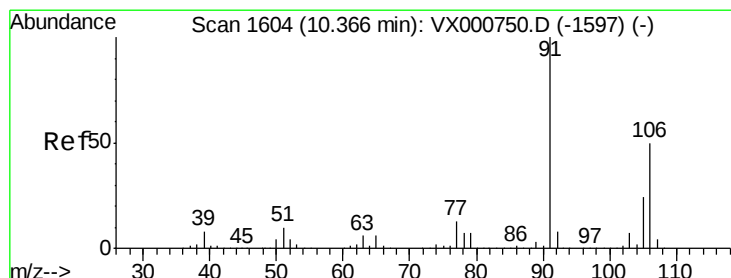
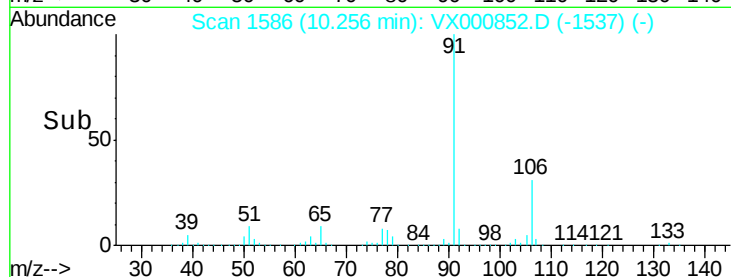
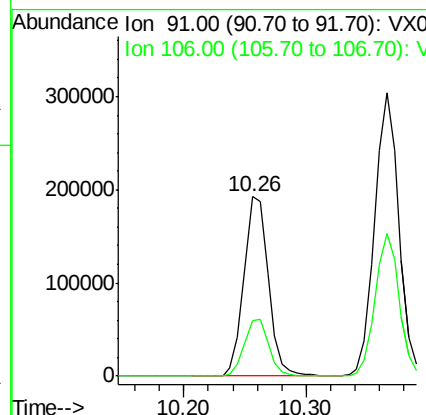
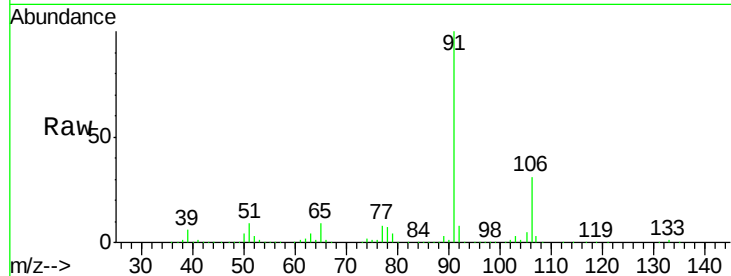




#67
Ethyl Benzene
Concen: 20.05 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

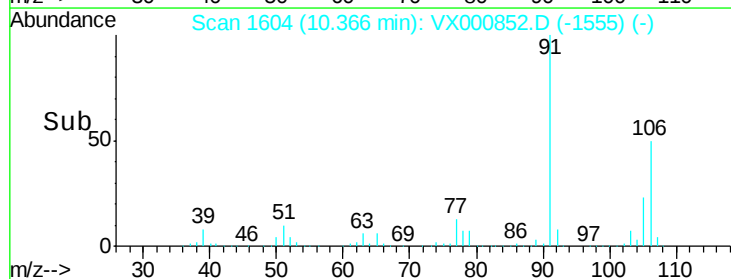
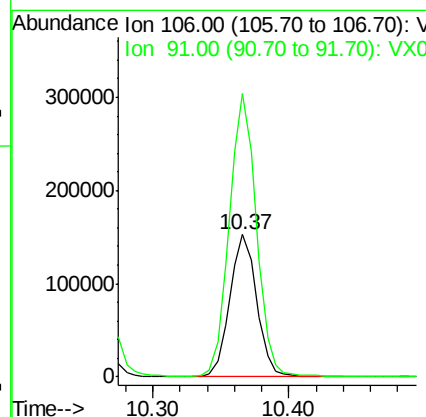
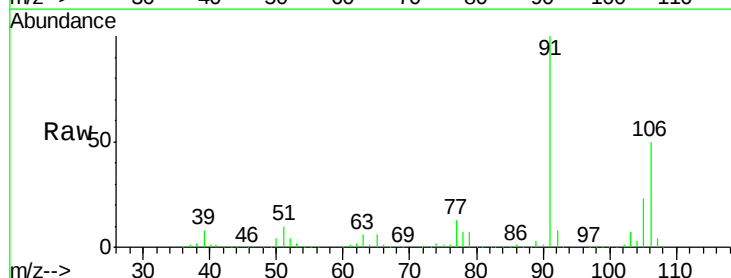
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

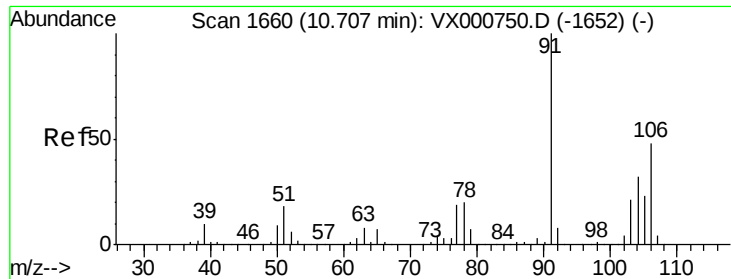
Tgt Ion: 91 Resp: 268244
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0



#68
m/p-Xylenes
Concen: 39.72 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion: 106 Resp: 209691
Ion Ratio Lower Upper
106 100
91 200.9 159.3 238.9

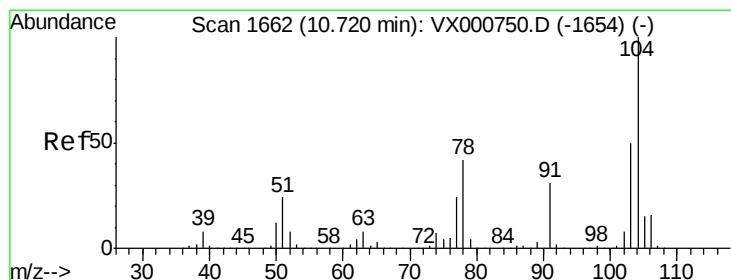
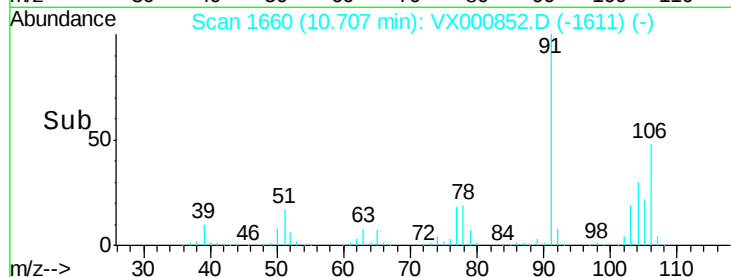
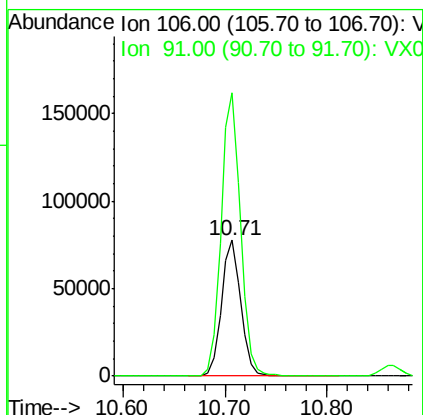
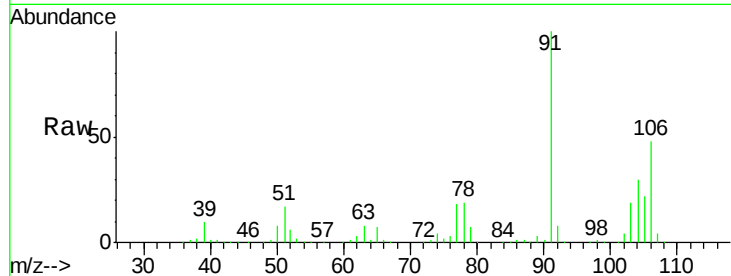




#69
o-Xylene
Concen: 20.19 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

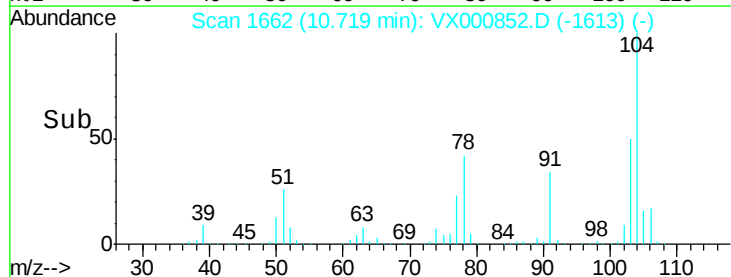
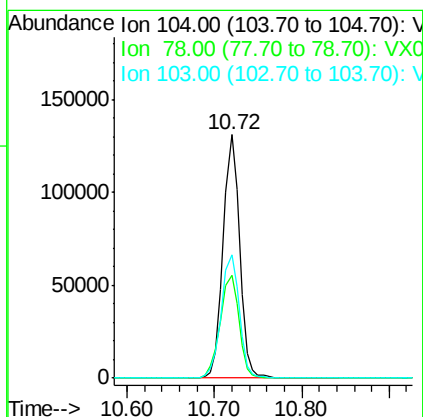
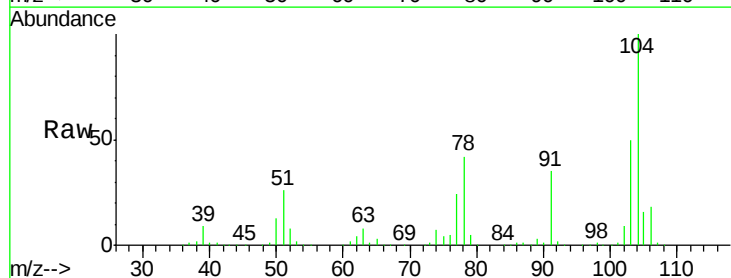
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

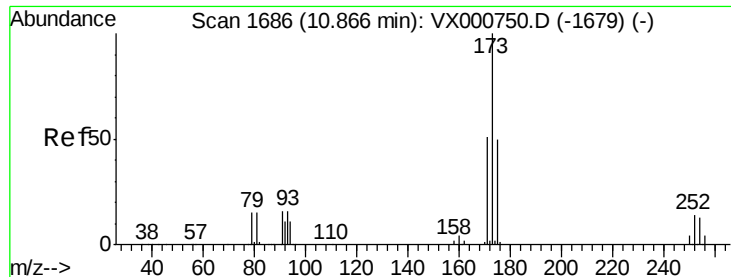
Tgt Ion:106 Resp: 102755
Ion Ratio Lower Upper
106 100
91 209.6 105.0 315.0



#70
Styrene
Concen: 19.98 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion:104 Resp: 171438
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.6
103 55.5 44.1 66.1

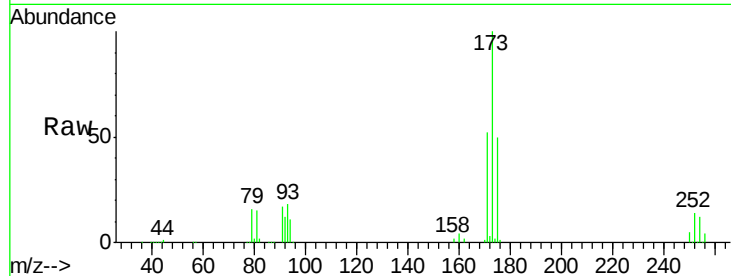




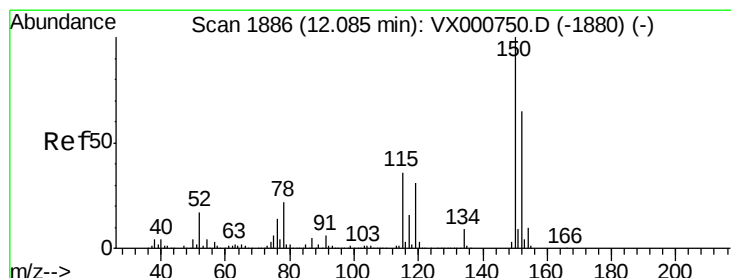
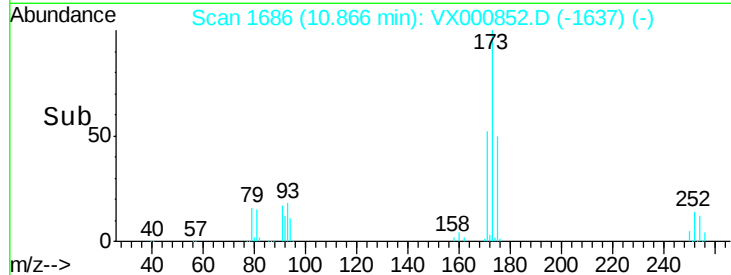
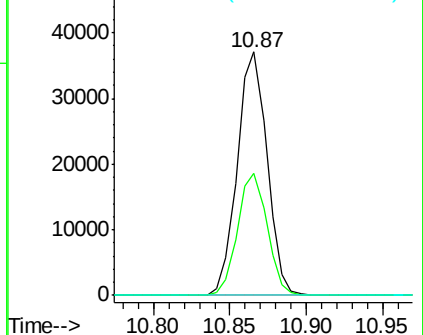
#71
Bromoform
Concen: 17.89 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBSD01

Tgt Ion:173 Resp: 50032
Ion Ratio Lower Upper
173 100
175 50.0 24.5 73.5
254 0.1 0.2 0.2#

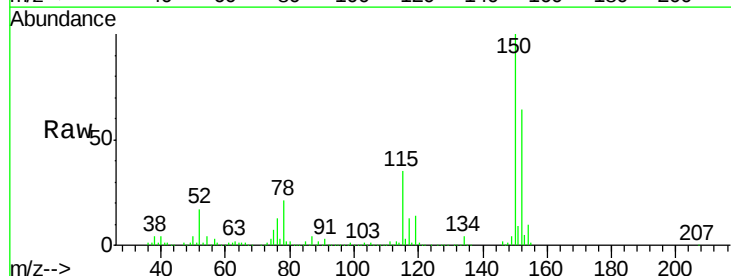


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

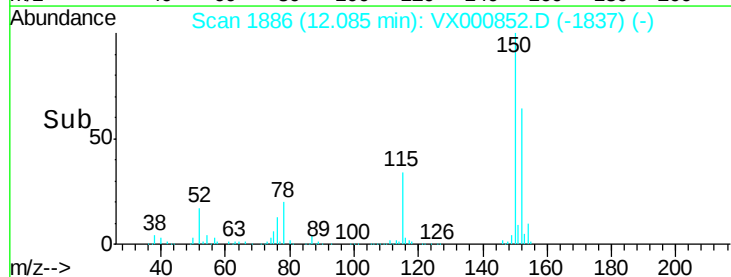
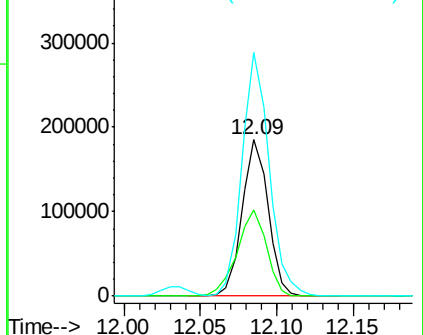


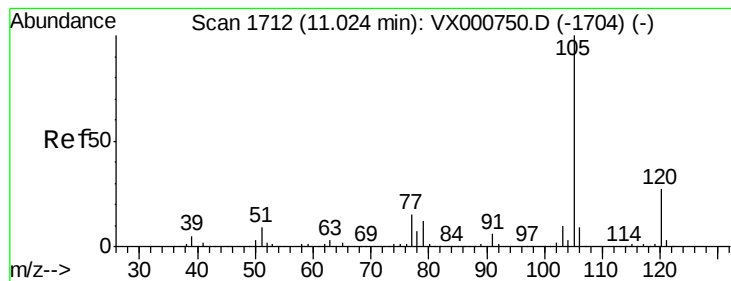
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000852.D
Acq: 13 Apr 2018 16:25

Tgt Ion:152 Resp: 218165
Ion Ratio Lower Upper
152 100
115 62.5 37.9 113.7
150 163.3 0.0 348.0



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





#73

Isopropylbenzene

Concen: 20.05 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

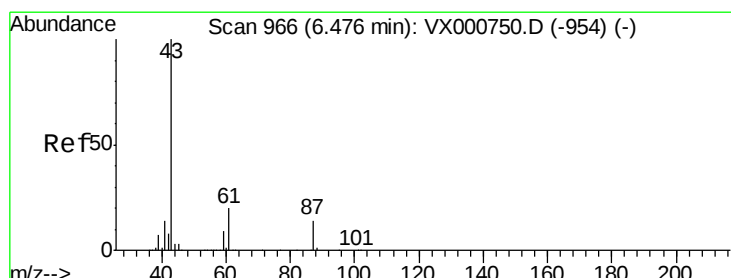
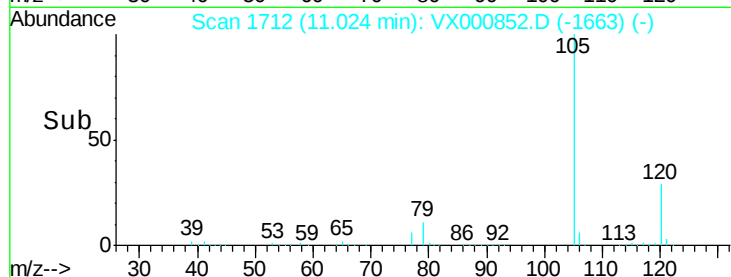
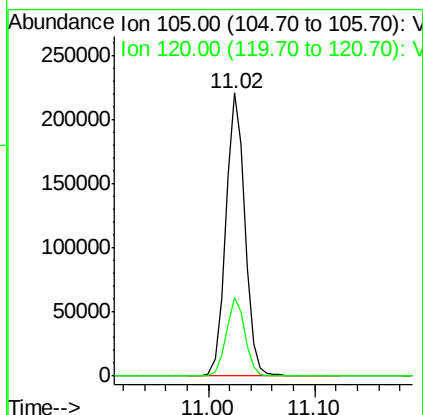
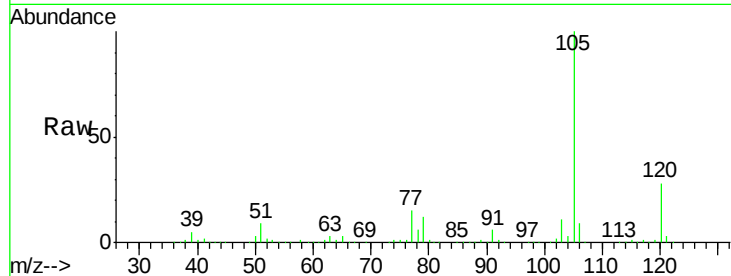
VX0413WBSD01

Tgt Ion:105 Resp: 277483

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 20.79 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Tgt Ion: 43 Resp: 129577

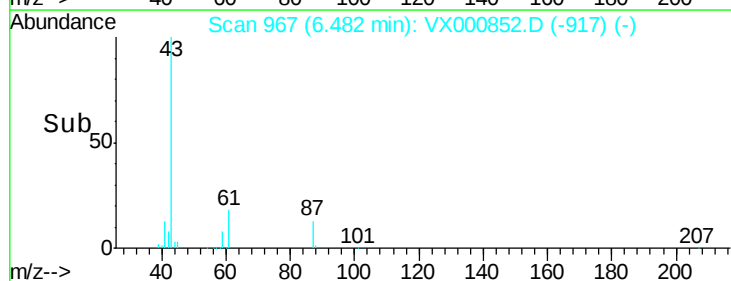
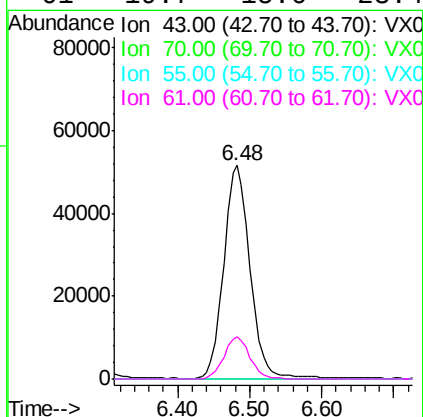
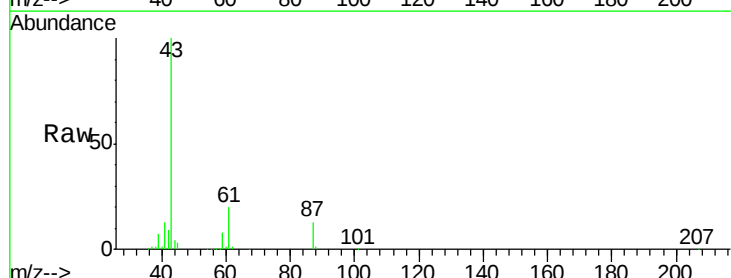
Ion Ratio Lower Upper

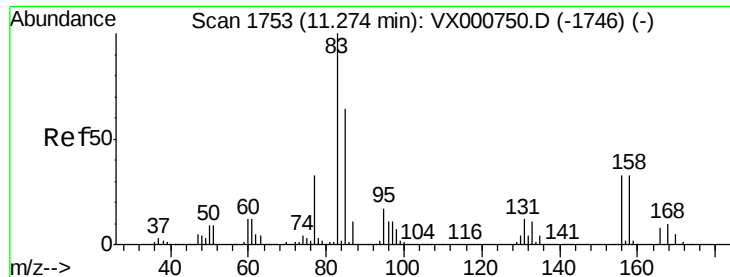
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.7 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.91 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

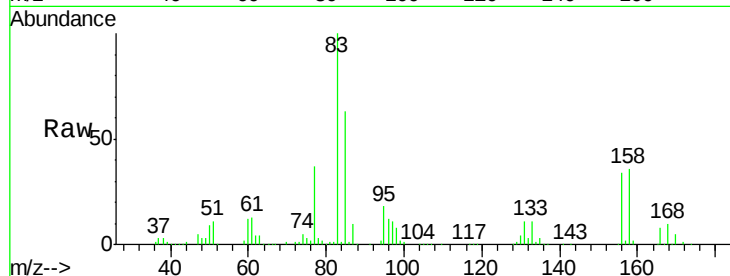
Tgt Ion: 83 Resp: 83991

Ion Ratio Lower Upper

83 100

131 11.7 6.0 18.0

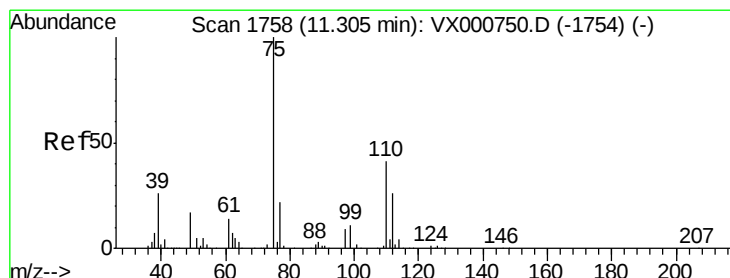
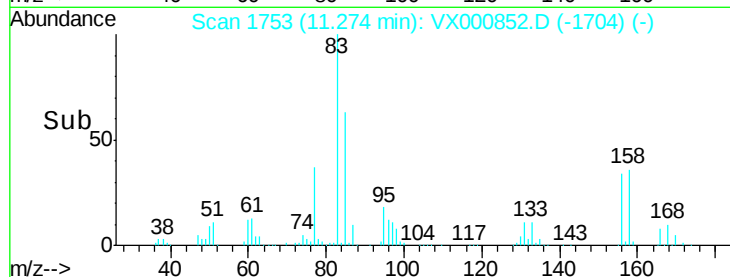
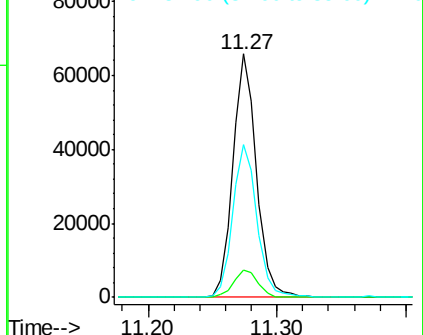
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.42 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000852.D

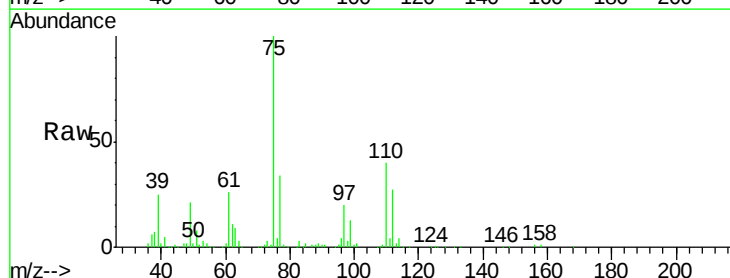
Acq: 13 Apr 2018 16:25

Tgt Ion: 75 Resp: 99418

Ion Ratio Lower Upper

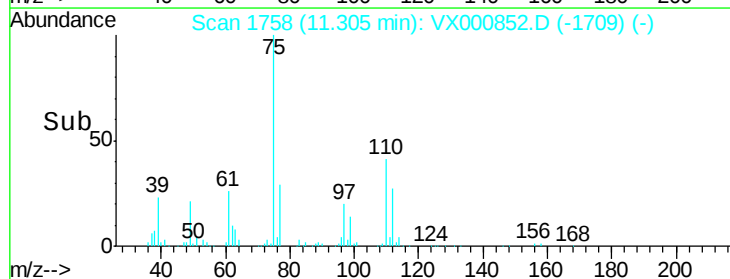
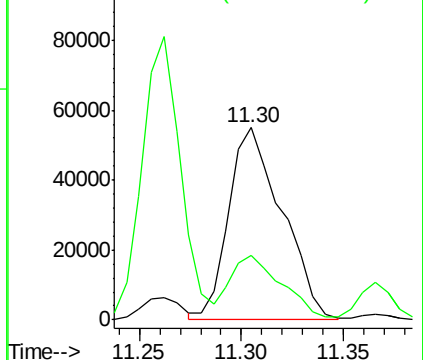
75 100

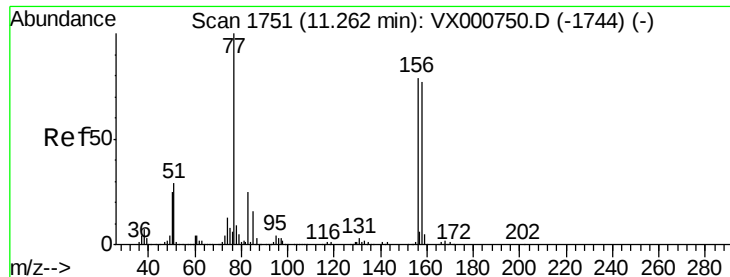
77 32.6 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.74 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

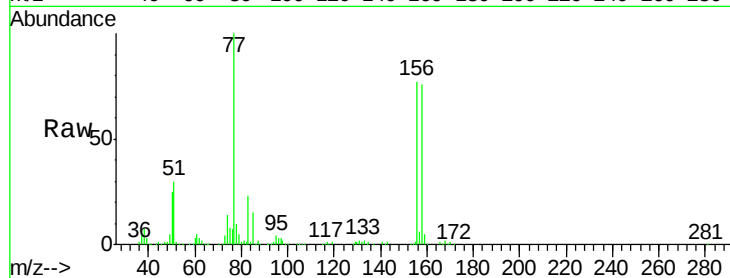
Tgt Ion:156 Resp: 80068

Ion Ratio Lower Upper

156 100

77 132.7 66.0 198.2

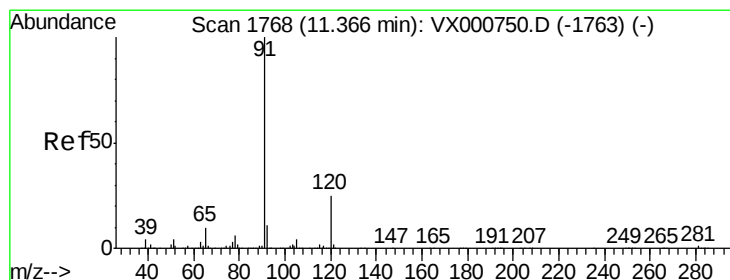
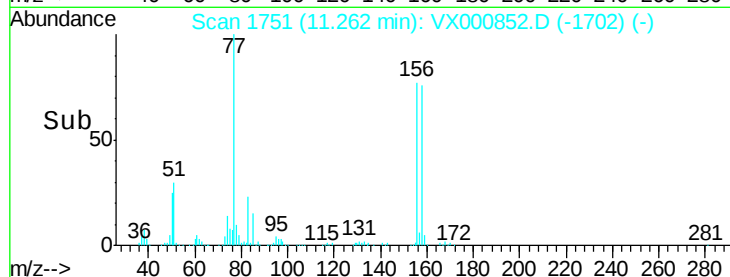
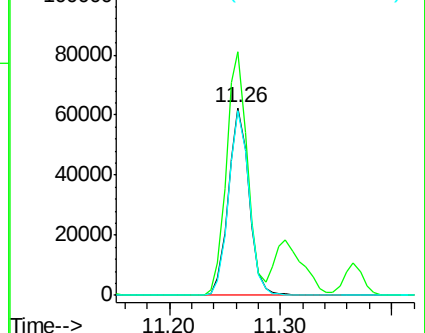
158 98.0 48.8 146.4



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: 19.82 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000852.D

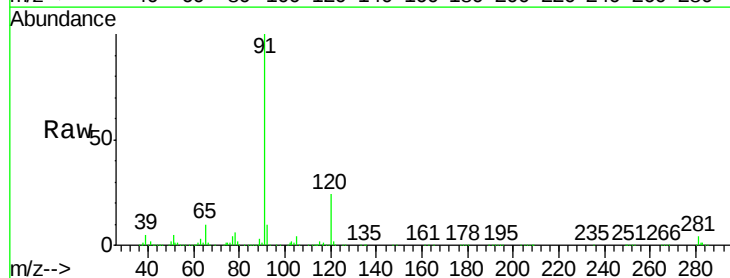
Acq: 13 Apr 2018 16:25

Tgt Ion: 91 Resp: 313706

Ion Ratio Lower Upper

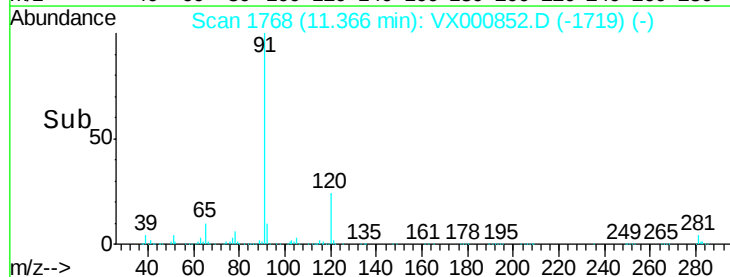
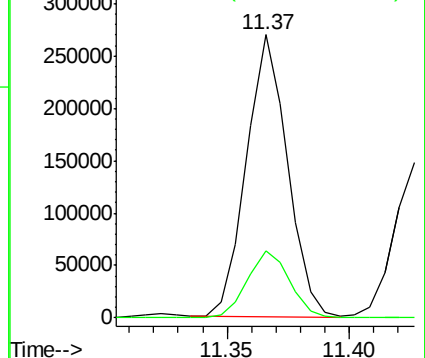
91 100

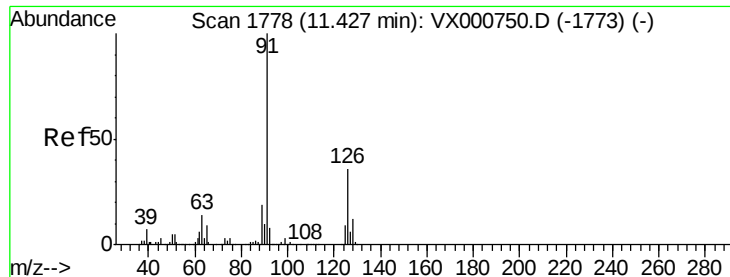
120 24.8 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.84 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

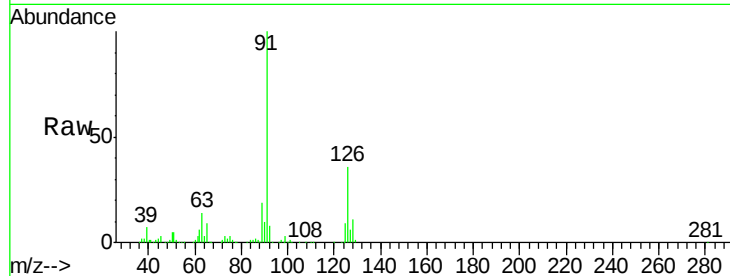
VX0413WBSD01

Tgt Ion: 91 Resp: 185613

Ion Ratio Lower Upper

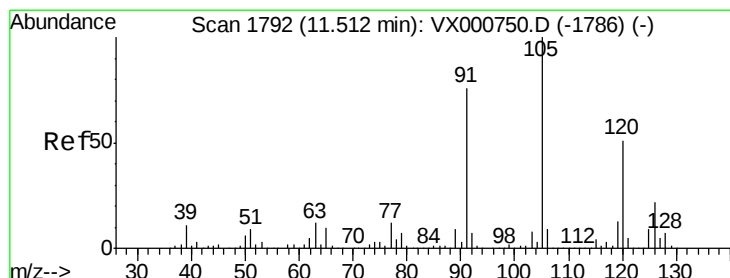
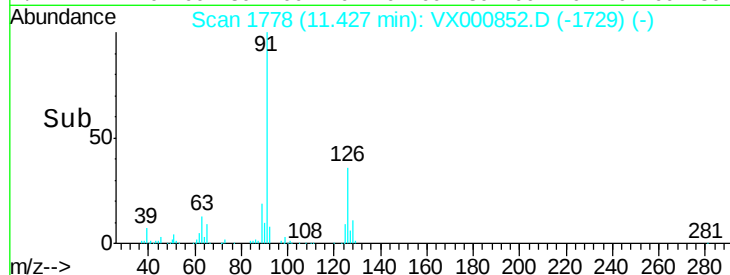
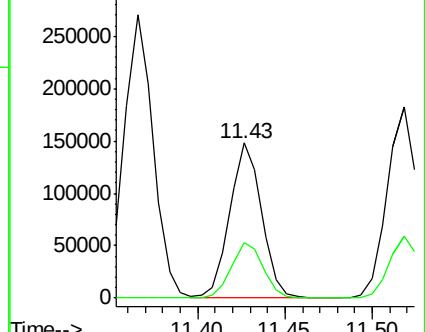
91 100

126 36.8 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000750.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000750.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000852.D

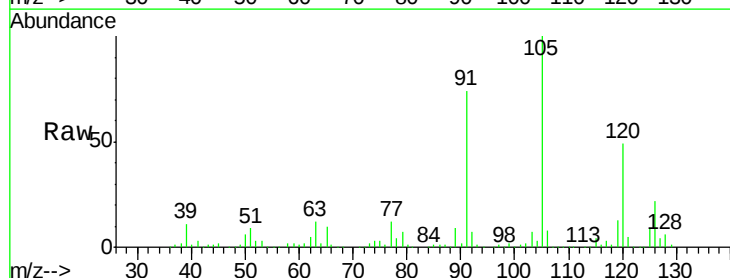
Acq: 13 Apr 2018 16:25

Tgt Ion: 105 Resp: 237705

Ion Ratio Lower Upper

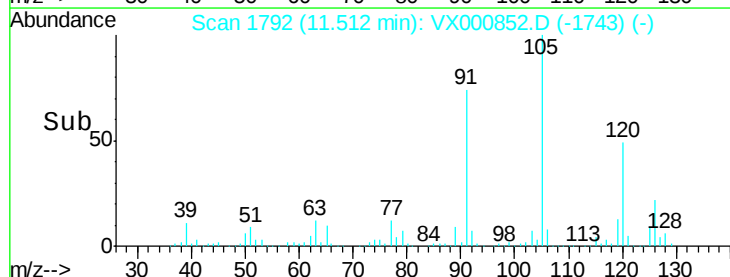
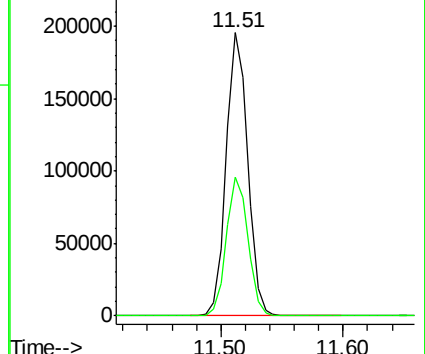
105 100

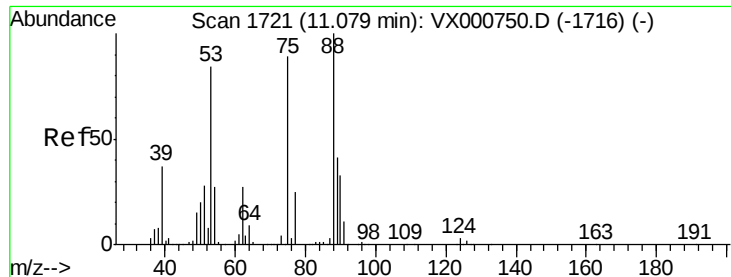
120 49.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000750.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000750.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.47 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

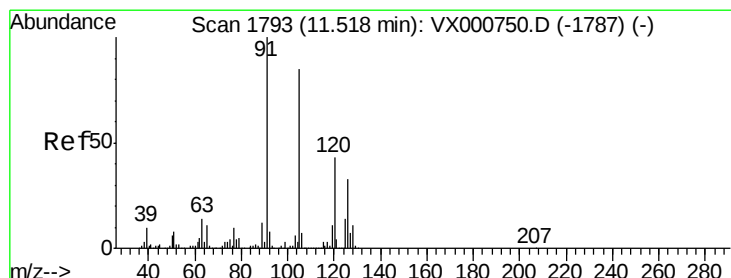
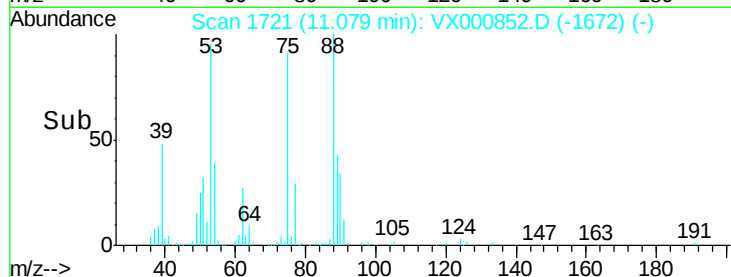
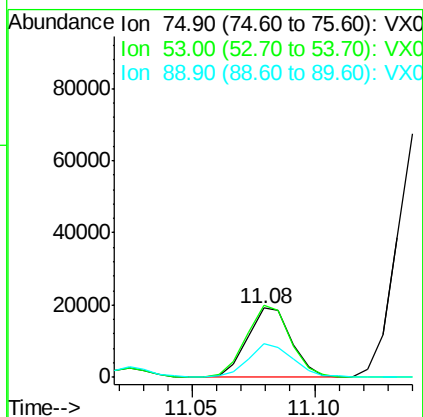
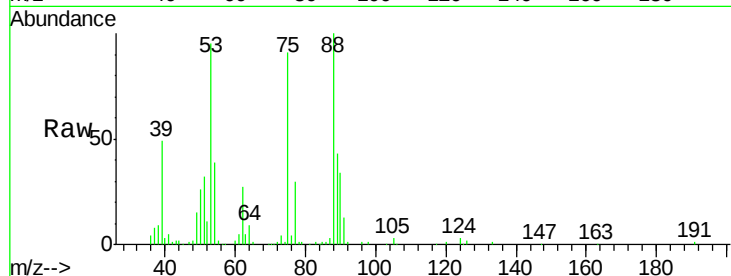
Tgt Ion: 75 Resp: 23889

Ion Ratio Lower Upper

75 100

53 104.7 75.4 113.0

89 50.2 40.9 61.3



#82

4-Chlorotoluene

Concen: 19.84 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000852.D

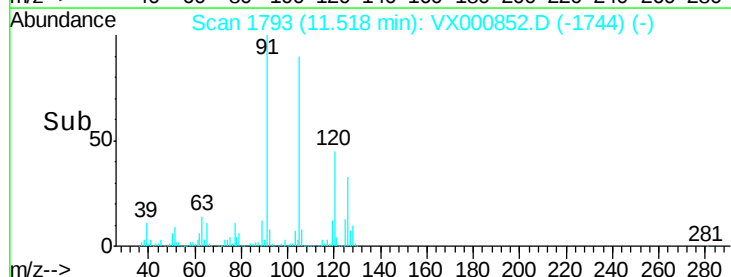
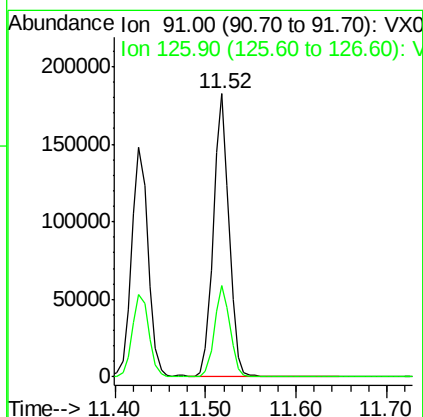
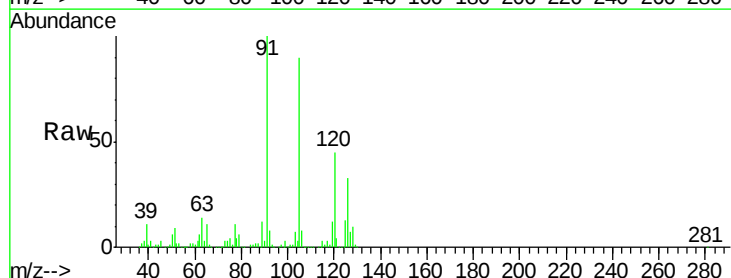
Acq: 13 Apr 2018 16:25

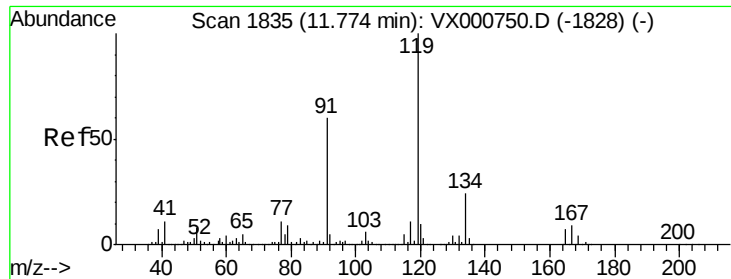
Tgt Ion: 91 Resp: 224013

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.6

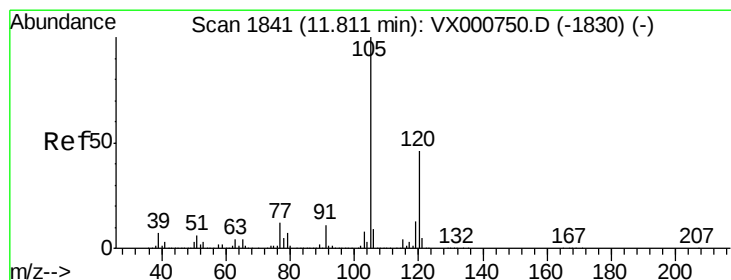
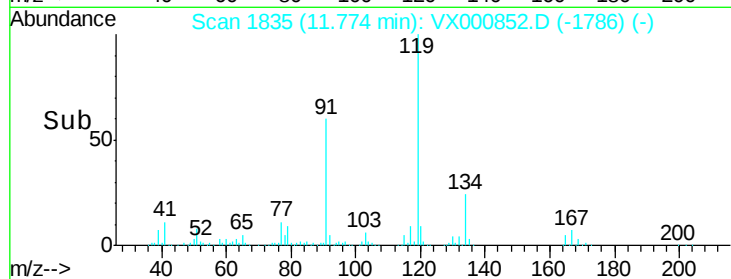
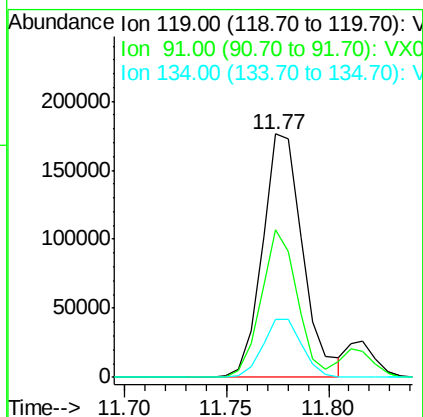
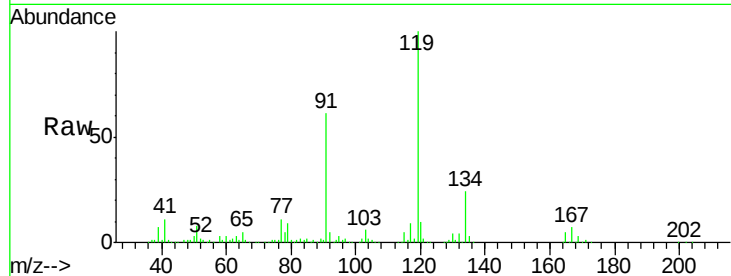




#83
 tert-Butylbenzene
 Concen: 19.93 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

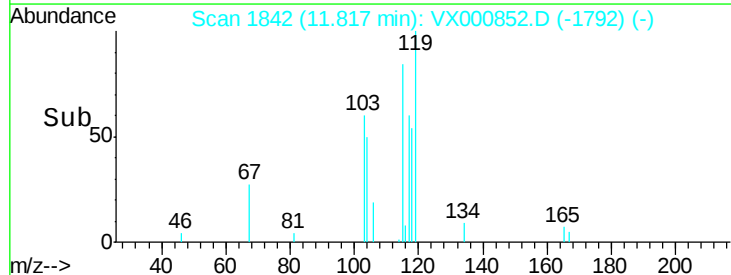
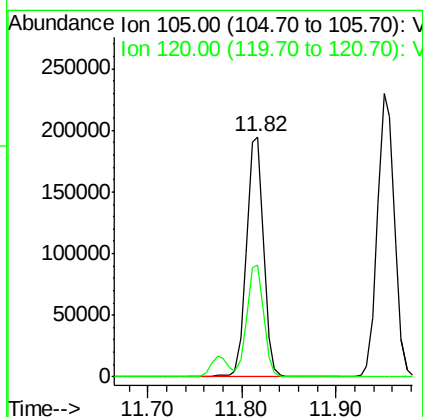
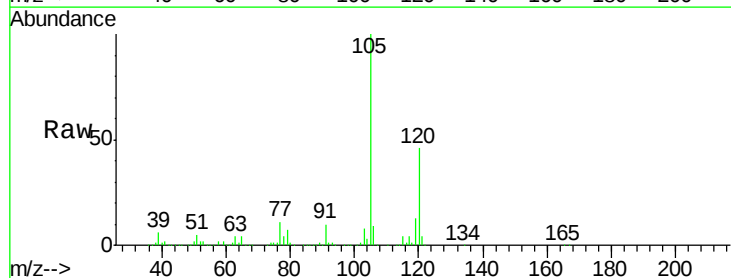
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

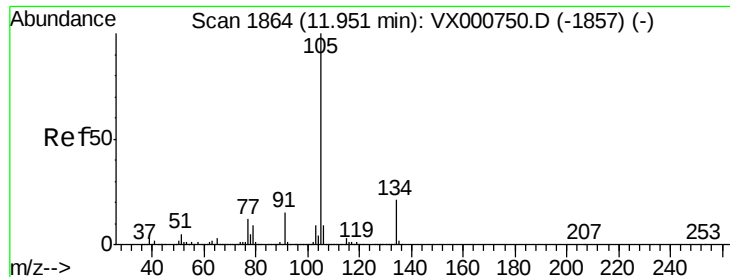
Tgt Ion:119 Resp: 242662
 Ion Ratio Lower Upper
 119 100
 91 54.4 26.8 80.3
 134 23.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.94 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Tgt Ion:105 Resp: 244982
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.99 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

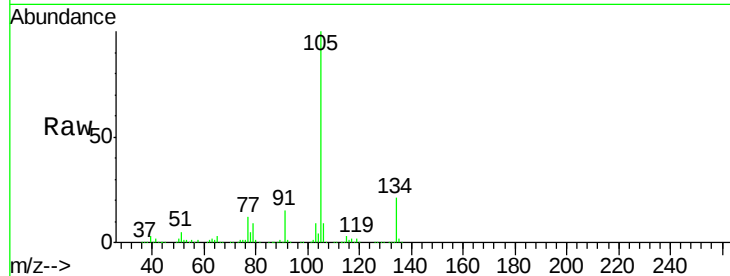
VX0413WBSD01

Tgt Ion:105 Resp: 287199

Ion Ratio Lower Upper

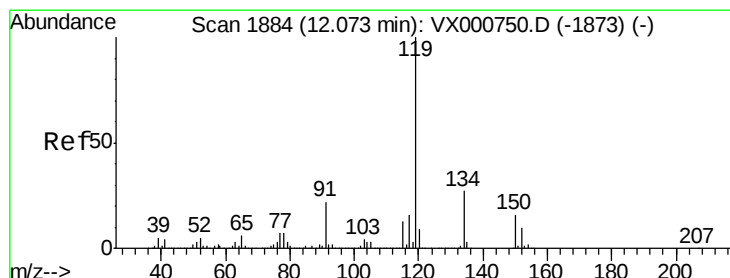
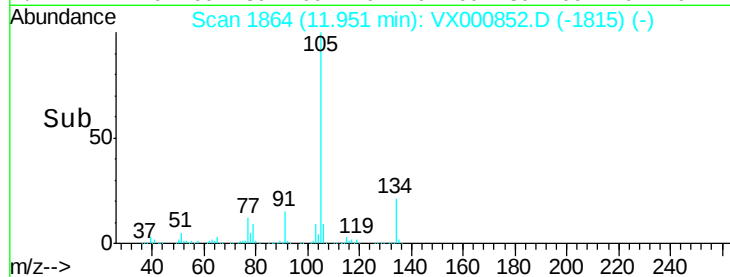
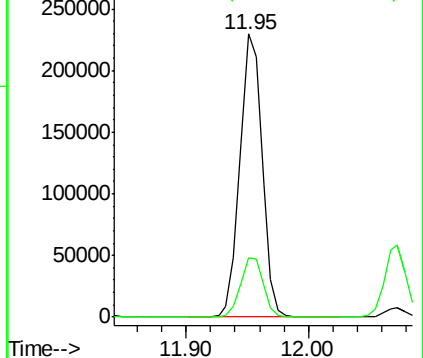
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.78 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

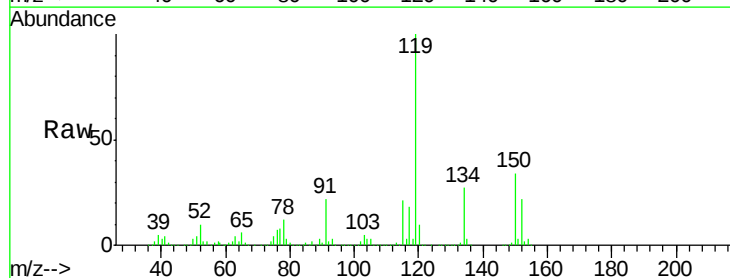
Tgt Ion:119 Resp: 264944

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

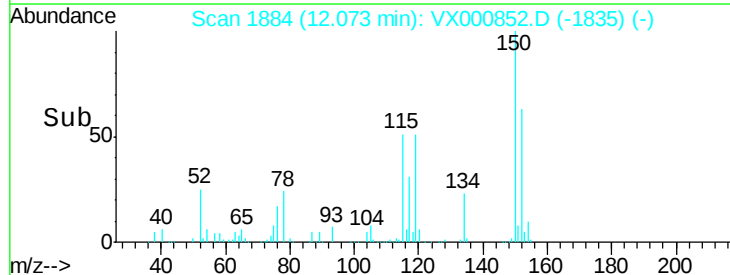
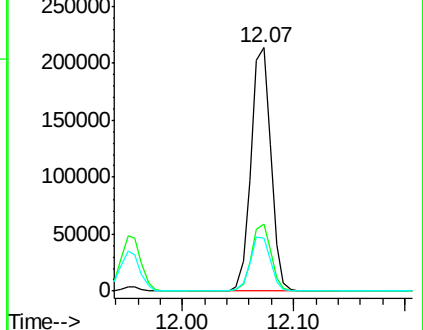
91 22.7 11.2 33.5

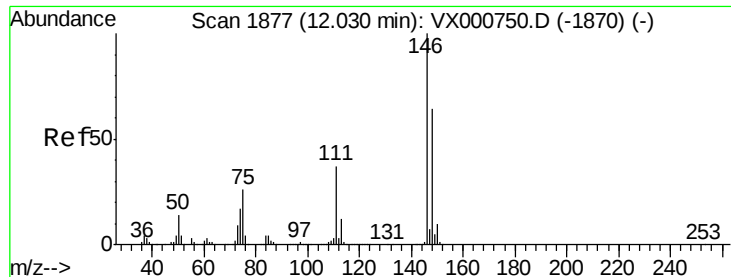


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.78 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampled :

VX0413WBSD01

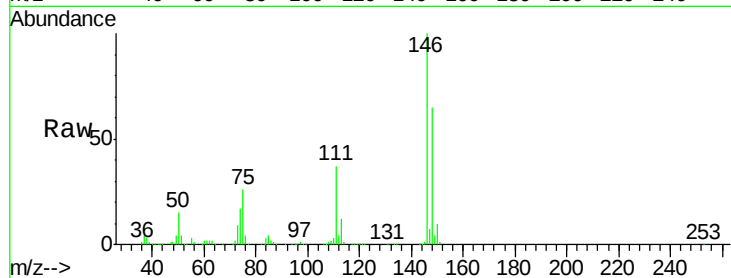
Tgt Ion:146 Resp: 148522

Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.8

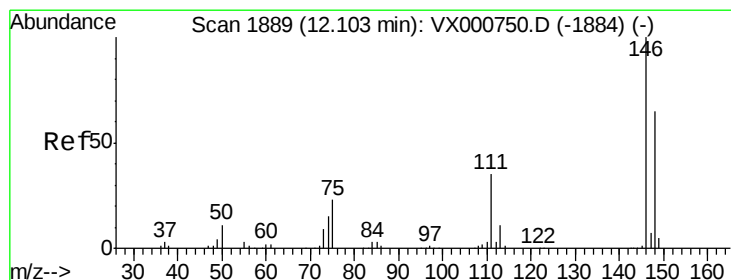
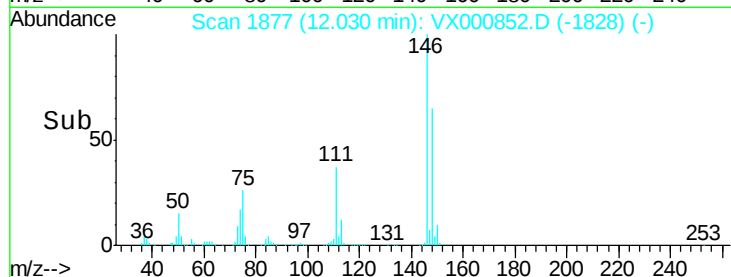
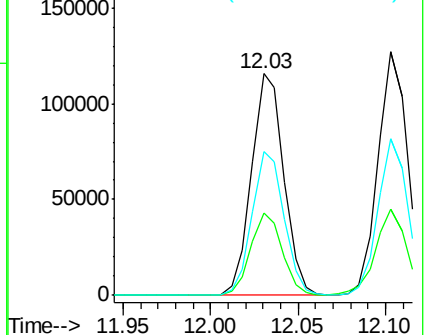
148 64.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.67 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

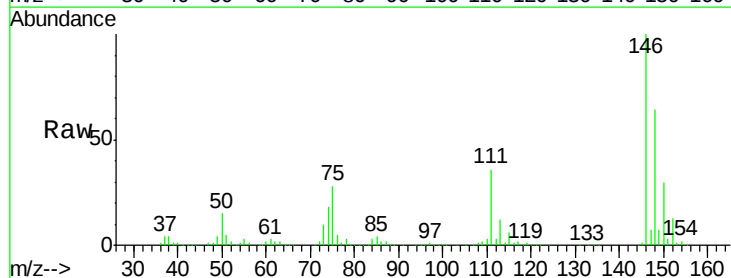
Tgt Ion:146 Resp: 151311

Ion Ratio Lower Upper

146 100

111 36.7 17.9 53.8

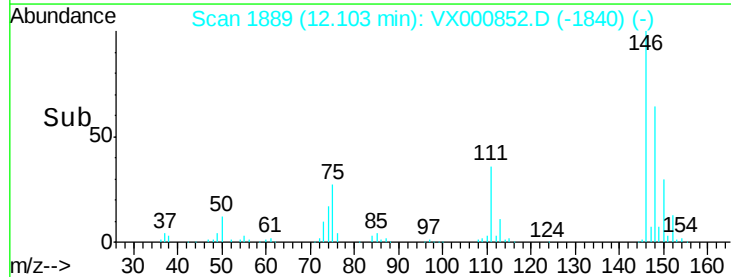
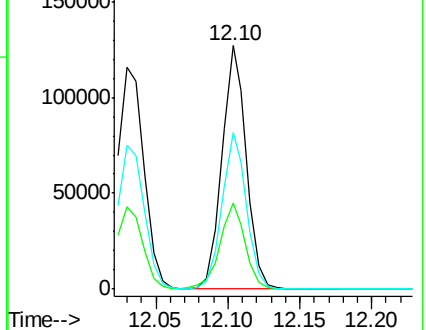
148 64.5 32.6 97.7

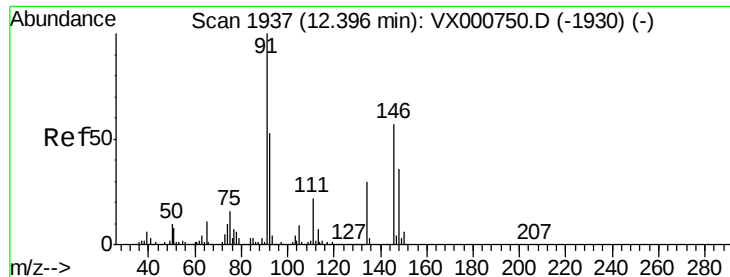


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.56 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

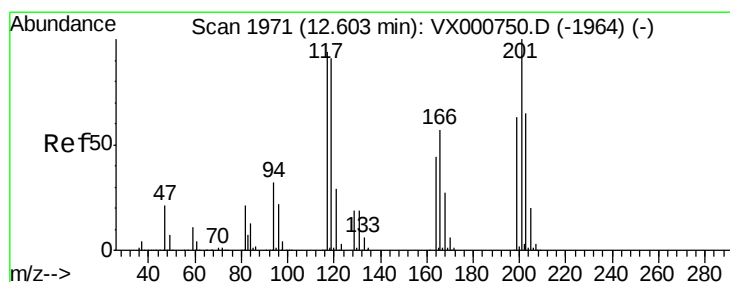
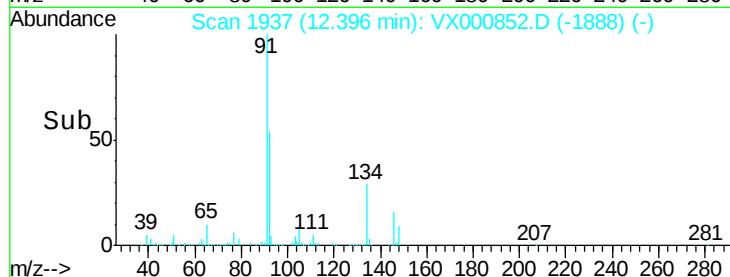
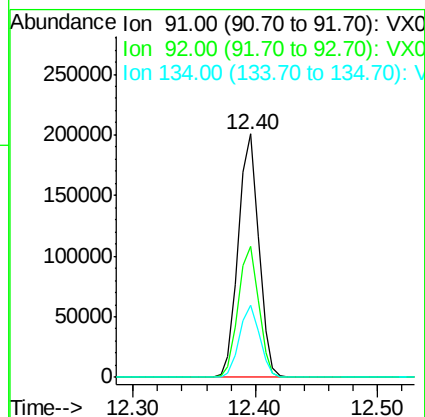
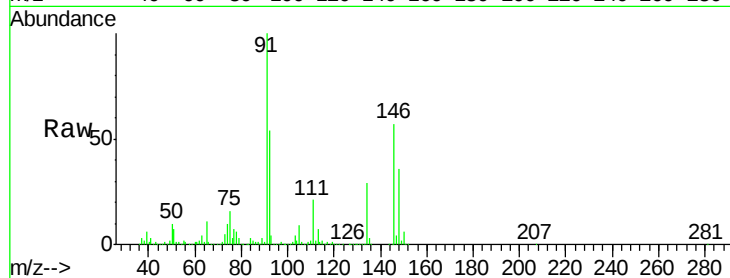
Tgt Ion: 91 Resp: 231258

Ion Ratio Lower Upper

91 100

92 53.9 26.5 79.5

134 29.1 14.5 43.5



#90

Hexachloroethane

Concen: 17.56 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000852.D

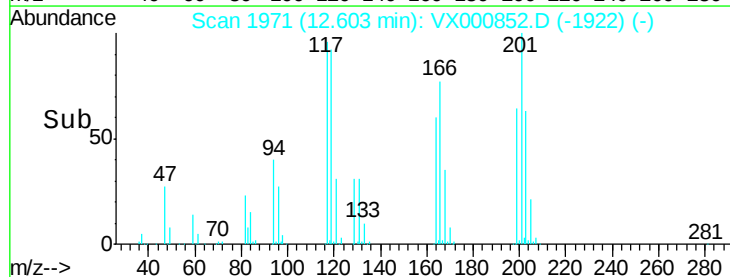
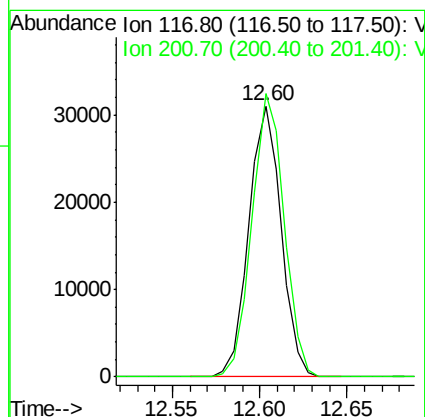
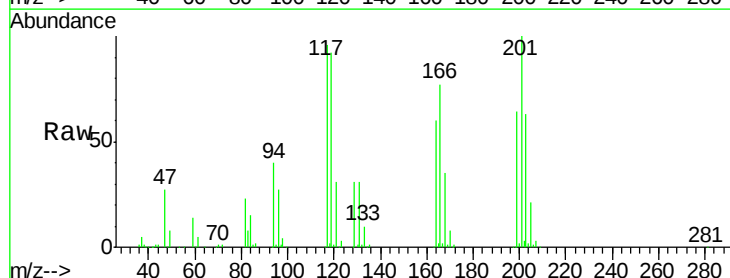
Acq: 13 Apr 2018 16:25

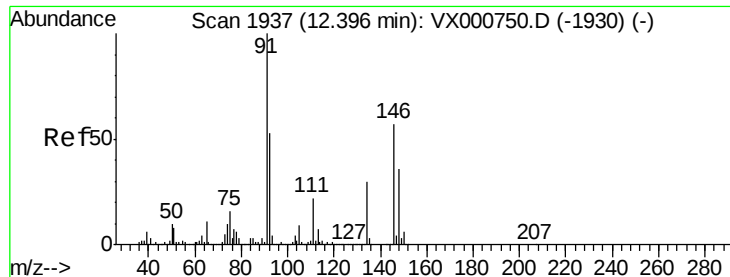
Tgt Ion: 117 Resp: 39813

Ion Ratio Lower Upper

117 100

201 104.1 52.9 158.7

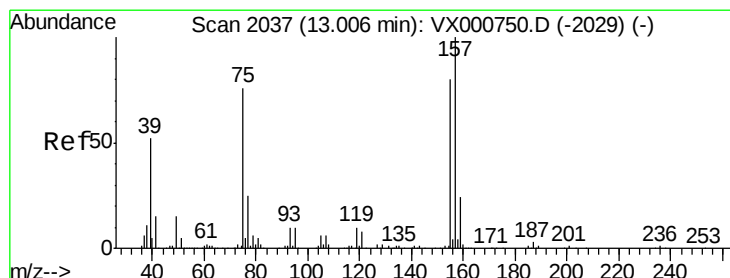
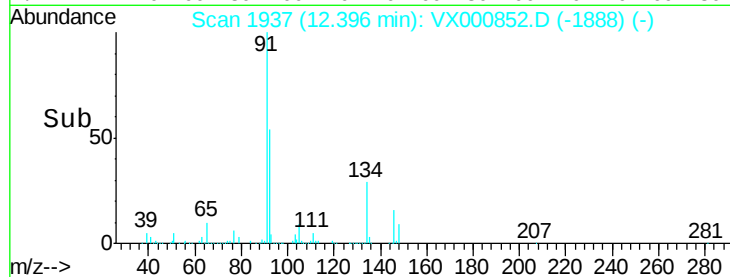
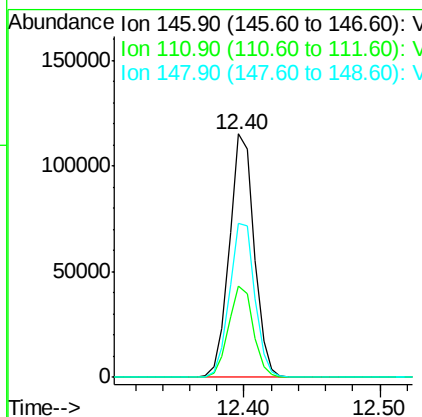
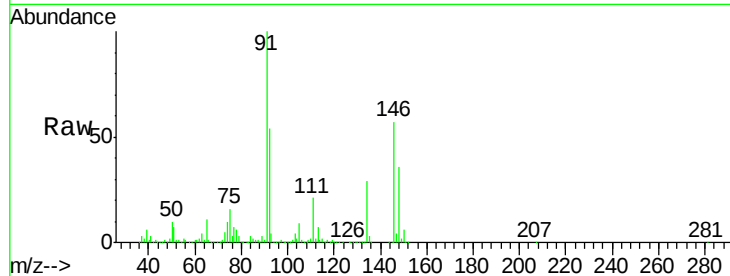




#91
 1,2-Dichlorobenzene
 Concen: 20.09 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

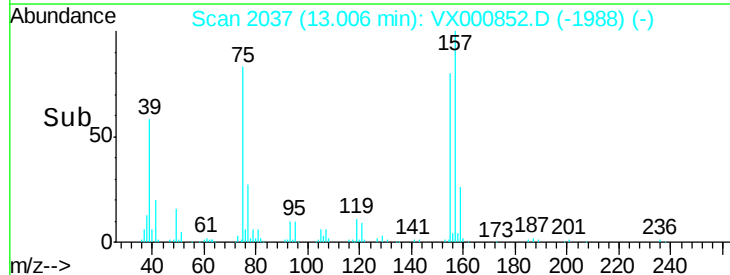
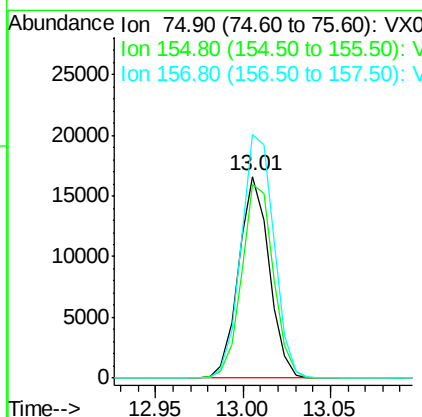
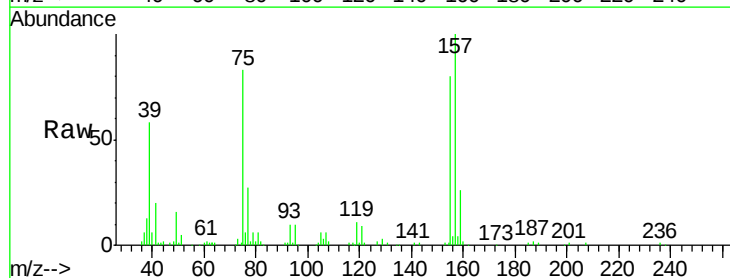
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

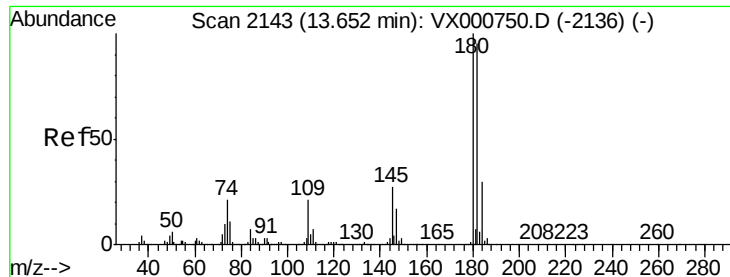
Tgt Ion: 146 Resp: 145568
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.99 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Tgt Ion: 75 Resp: 20115
 Ion Ratio Lower Upper
 75 100
 155 99.8 51.9 155.8
 157 130.0 66.6 199.8

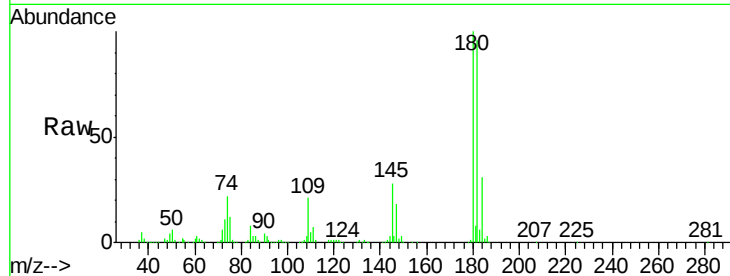




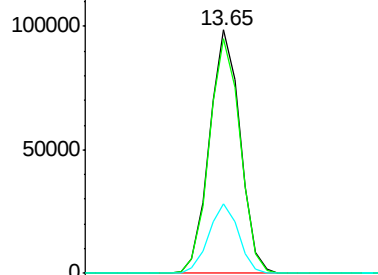
#93
 1,2,4-Trichlorobenzene
 Concen: 19.39 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

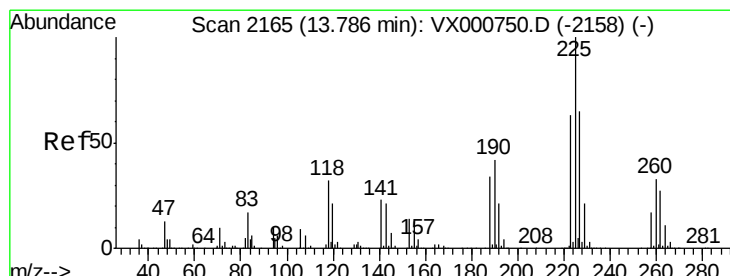
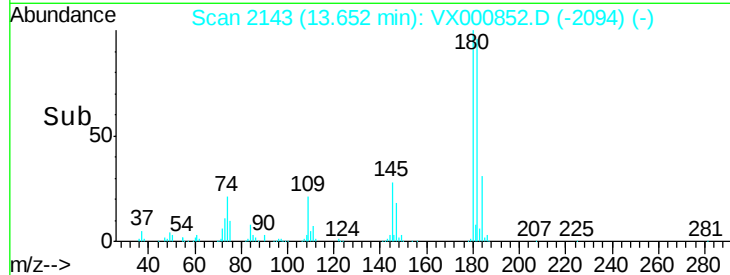
Tgt Ion:180 Resp: 119920
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.5 142.5
 145 27.9 13.8 41.4



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

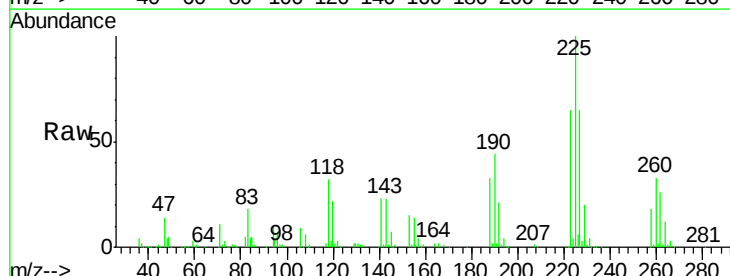


Time-->

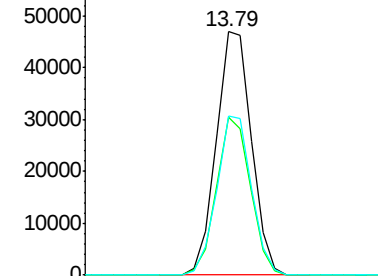


#94
 Hexachlorobutadiene
 Concen: 20.00 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000852.D
 Acq: 13 Apr 2018 16:25

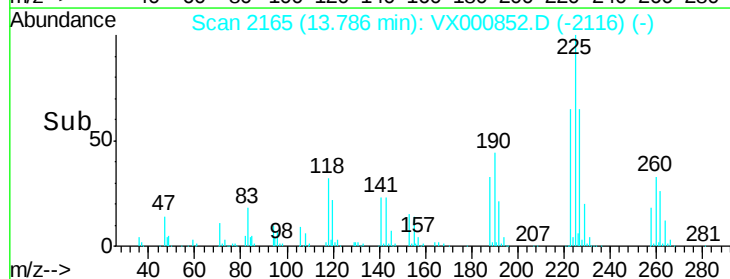
Tgt Ion:225 Resp: 60808
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.2 93.6
 227 64.3 32.3 96.9

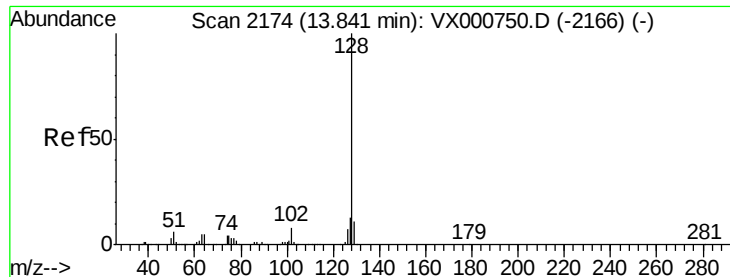


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 21.05 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBSD01

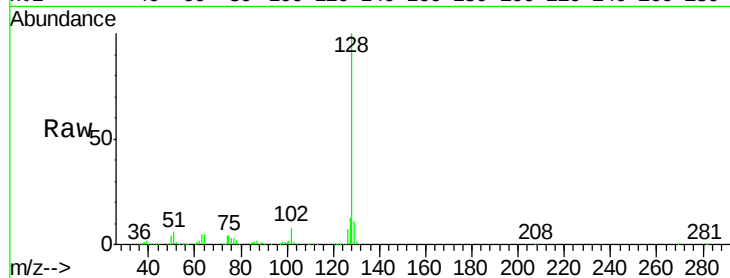
Tgt Ion:128 Resp: 334203

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

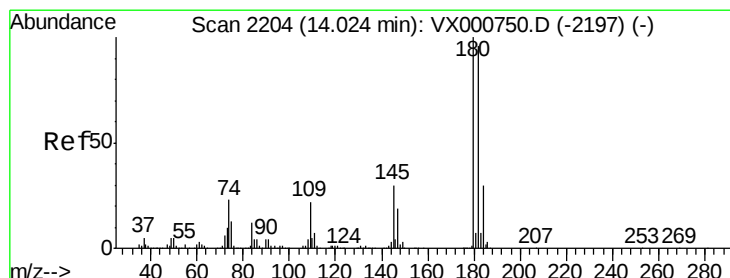
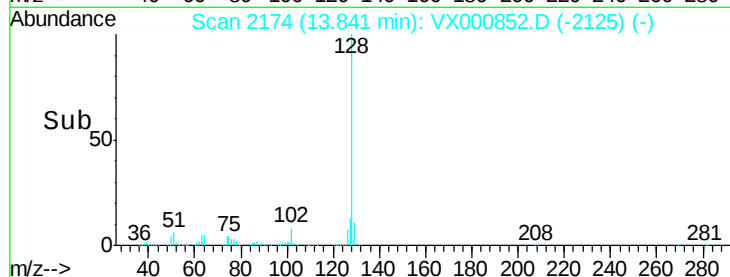
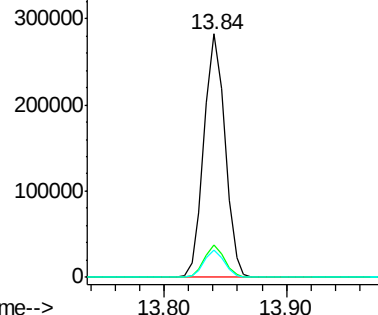
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.85 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000852.D

Acq: 13 Apr 2018 16:25

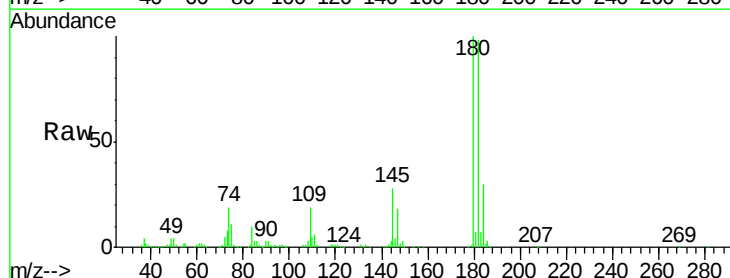
Tgt Ion:180 Resp: 119208

Ion Ratio Lower Upper

180 100

182 96.9 48.4 145.2

145 29.6 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

