

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001817.D
 Acq On : 18 May 2018 09:34
 Operator : JC/MD
 Sample : VX0517WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Quant Time: May 18 09:52:56 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 07:23:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	62490	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	326776	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	261351	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	122274	30.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.90%
60) 4-Bromofluorobenzene	11.14	95	119134	30.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.20%
63) Toluene-d8	8.72	98	400771	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	63562	36.88	ug/l	100
3) Chloromethane	1.32	50	74671	22.73	ug/l	99
4) Vinyl Chloride	1.40	62	76573	26.83	ug/l	100
5) Bromomethane	1.64	94	43715	24.75	ug/l	99
6) Chloroethane	1.73	64	49560	23.38	ug/l	98
7) Trichlorofluoromethane	1.93	101	104351	32.77	ug/l	98
8) Diethyl Ether	2.19	74	44164	19.74	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61442	34.13	ug/l	99
10) 1,1-Dichloroethene	2.37	96	60335	27.37	ug/l	98
11) Methyl Iodide	2.51	142	78580	22.55	ug/l	99
12) Methyl Acetate	2.78	43	107763	20.12	ug/l	99
13) Acrolein	2.29	56	59696	93.36	ug/l	100
14) Acrylonitrile	3.15	53	201901	98.99	ug/l	100
15) Acetone	2.45	58	54937	98.64	ug/l	97
16) Carbon Disulfide	2.57	76	146948	26.65	ug/l	99
17) Allyl chloride	2.73	41	107652	21.85	ug/l	98
18) Methylene Chloride	2.86	84	69008	20.35	ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	64235	23.62	ug/l	97
20) Diisopropyl ether	3.88	45	224489	20.93	ug/l	99
21) 1,1-Dichloroethane	3.70	63	120183	21.88	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	77261	21.90	ug/l	99
23) tert-Butyl Alcohol	3.08	59	88613	104.49	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	210517	20.06	ug/l	99
25) Chloroform	5.22	83	126978	21.69	ug/l	99
26) Cyclohexane	5.58	56	109559	36.63	ug/l #	97
29) 1,1-Dichloropropene	5.80	75	89678	24.19	ug/l	98
30) 2-Butanone	4.71	43	281153	84.10	ug/l	100
31) 2,2-Dichloropropane	4.59	77	38883	16.59	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	108830	22.15	ug/l	98
33) Carbon Tetrachloride	5.78	117	94429	24.07	ug/l	97
34) Benzene	6.15	78	287781	19.44	ug/l	97
35) Methacrylonitrile	5.07	41	59286	16.66	ug/l	94
36) 1,2-Dichloroethane	6.20	62	95917	16.58	ug/l	99
37) Trichloroethene	7.22	130	85062	21.02	ug/l	96
38) Methylcyclohexane	7.46	83	106421	31.14	ug/l	98
39) 1,2-Dichloropropane	7.52	63	70783	17.94	ug/l	99
40) Dibromomethane	7.67	93	48843	17.27	ug/l	100

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Quant Time: May 18 09:52:56 2018
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 07:23:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	89850	18.04	ug/l	99
42) Vinyl Acetate	3.83	43	728845	80.46	ug/l	100
43) Ethyl Acetate	4.87	43	103696	16.28	ug/l	100
44) Isopropyl Acetate	6.48	43	159152	17.23	ug/l	99
45) 1,4-Dioxane	7.76	88	38298	339.00	ug/l	99
46) Methyl methacrylate	7.79	41	82912	17.06	ug/l	98
47) n-amyl Acetate	10.91	43	114532	17.91	ug/l	100
48) t-1,3-Dichloropropene	8.44	75	94047	17.94	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	80723	17.60	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	64948	16.72	ug/l	98
51) Ethyl methacrylate	9.19	69	90646	17.17	ug/l	99
52) 1,3-Dichloropropane	9.38	76	121817	19.77	ug/l	99
53) Dibromochloromethane	9.59	129	66358	17.57	ug/l	98
54) 1,2-Dibromoethane	9.68	107	67841	17.23	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	265304	86.02	ug/l	99
56) Bromoform	10.87	173	52497	17.01	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	542307	83.01	ug/l	100
59) 2-Hexanone	9.51	43	352911	82.35	ug/l	100
61) Tetrachloroethene	9.34	164	99107	25.75	ug/l	98
62) Toluene	8.79	91	315729	20.92	ug/l	99
64) Chlorobenzene	10.15	112	178812	20.23	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	66662	18.69	ug/l	99
66) Ethyl Benzene	10.26	91	289026	23.04	ug/l	99
67) m/p-Xylenes	10.37	106	230843	46.03	ug/l	99
68) o-Xylene	10.71	106	112748	21.84	ug/l	98
69) Styrene	10.72	104	182860	21.25	ug/l	100
70) Isopropylbenzene	11.02	105	300057	24.78	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	90610	16.46	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	98661	18.84	ug/l	90
73) Bromobenzene	11.26	156	86855	20.23	ug/l	98
74) n-propylbenzene	11.37	91	328318	26.05	ug/l	99
75) 2-Chlorotoluene	11.43	91	198862	22.91	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	247239	24.55	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	17581	15.73	ug/l	93
78) 4-Chlorotoluene	11.52	91	225233	23.52	ug/l	100
79) tert-butylbenzene	12.07	119	266272	26.79	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	251103	24.14	ug/l	99
81) sec-Butylbenzene	11.95	105	292520	26.82	ug/l	99
82) p-Isopropyltoluene	12.07	119	266272	26.79	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	149663	22.37	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	150259	22.62	ug/l	99
85) n-Butylbenzene	12.40	91	197249	27.34	ug/l	100
86) Hexachloroethane	12.60	117	41985	25.34	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	154307	21.25	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	19935	17.09	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	108040	23.61	ug/l	98
90) Hexachlorobutadiene	13.79	225	59908	26.72	ug/l	98
91) Naphthalene	13.84	128	321459	20.17	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	115452	22.43	ug/l	97

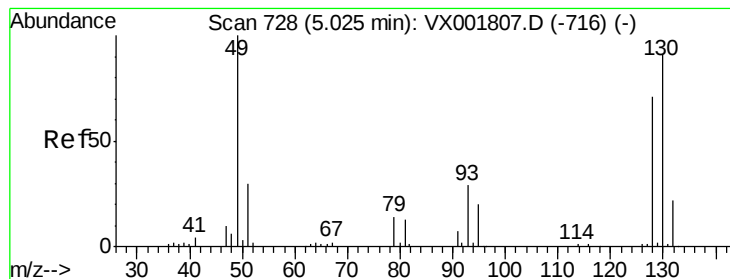
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
Data File : VX001817.D
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Quant Time: May 18 09:52:56 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 07:23:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

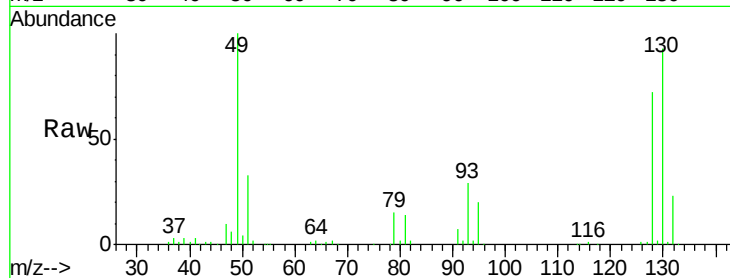
Tot Ion:128 Resp: 62490

Ion Ratio Lower Upper

128 100

49 143.7 0.0 352.3

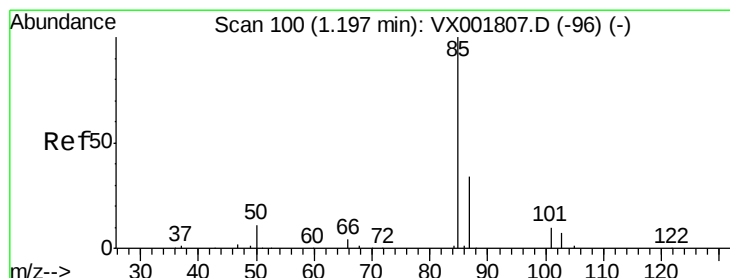
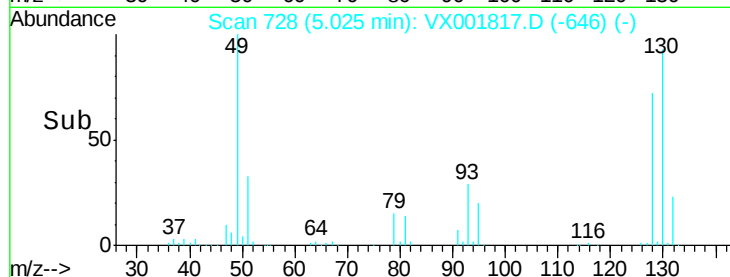
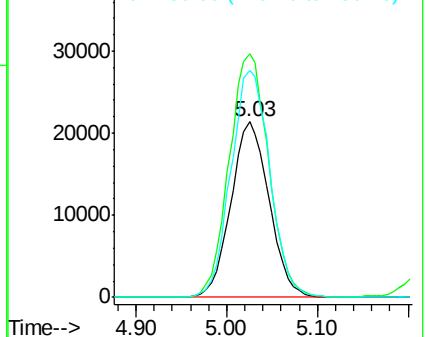
130 132.1 0.0 323.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 36.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001817.D

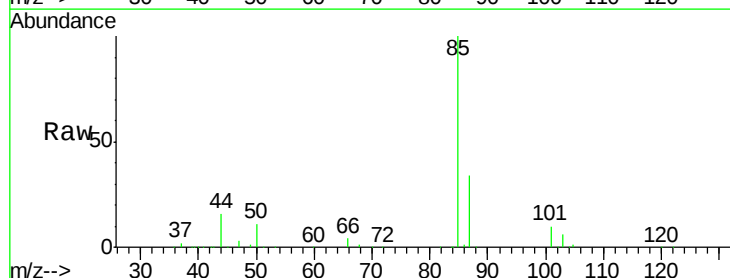
Acq: 18 May 2018 09:34

Tgt Ion: 85 Resp: 63562

Ion Ratio Lower Upper

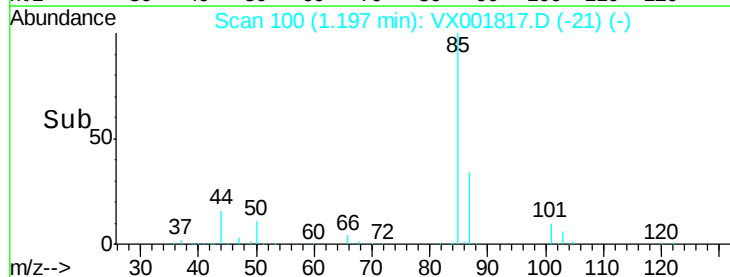
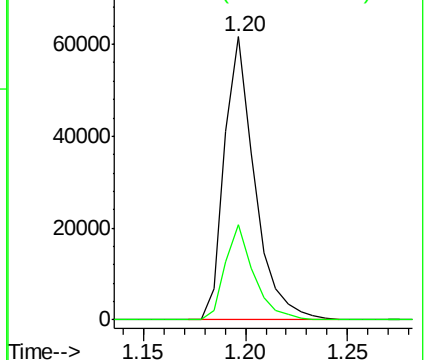
85 100

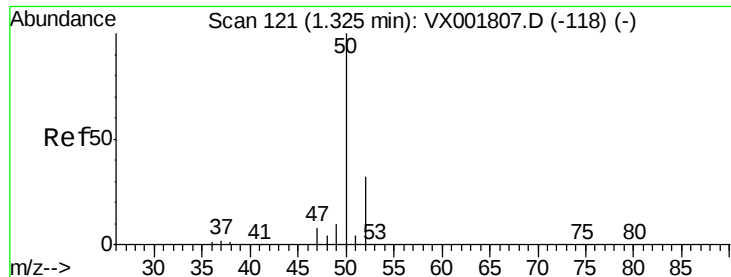
87 33.8 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

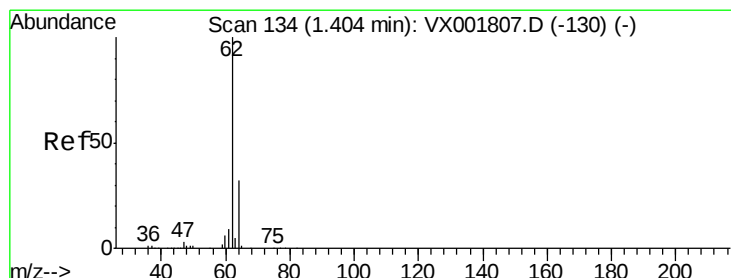
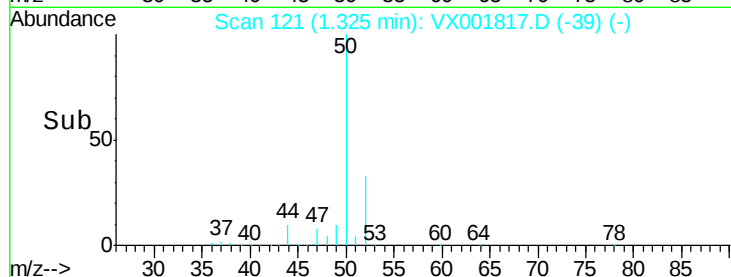
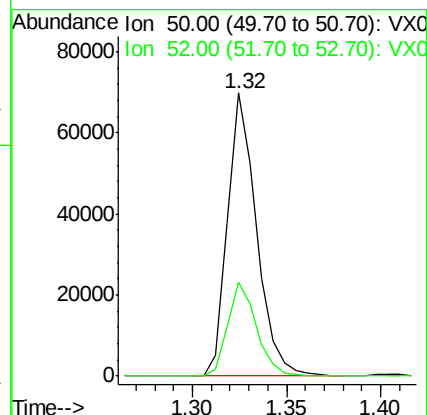
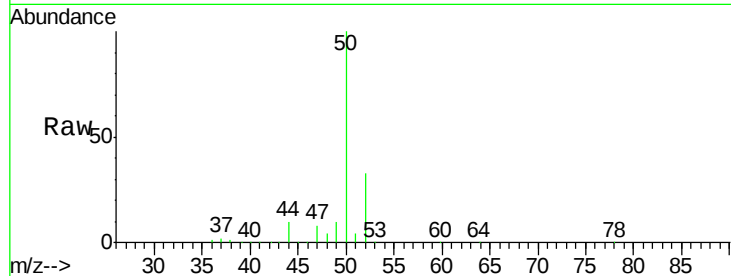




#3
Chloromethane
Concen: 22.73 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

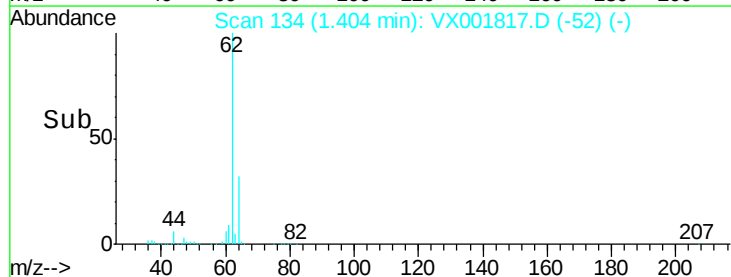
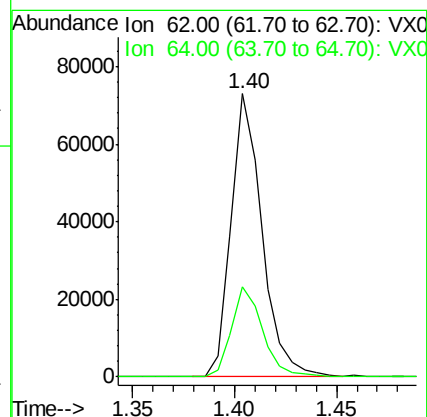
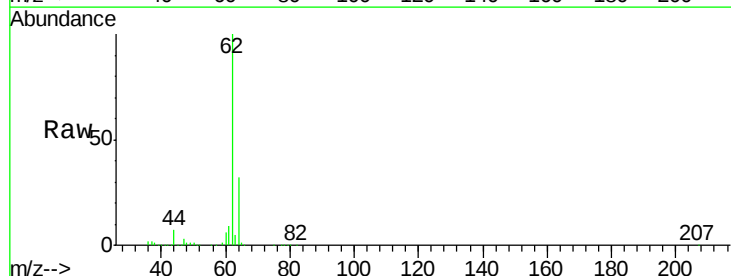
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

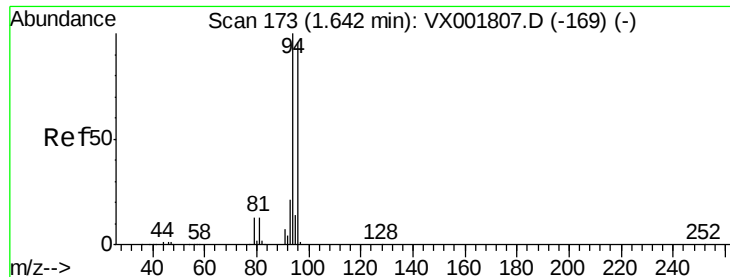
Tot Ion: 50 Resp: 74671
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 26.83 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 62 Resp: 76573
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2





#5

Bromomethane

Concen: 24.75 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

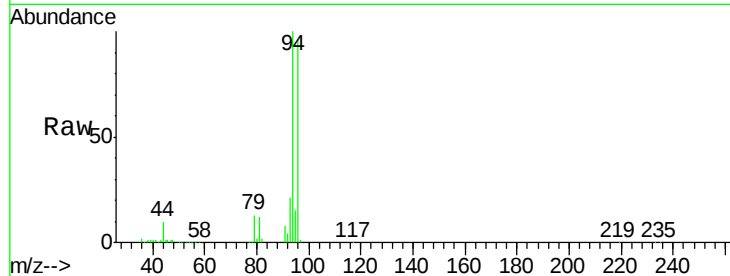
VX0518WBSD01

Tot Ion: 94 Resp: 43715

Ion Ratio Lower Upper

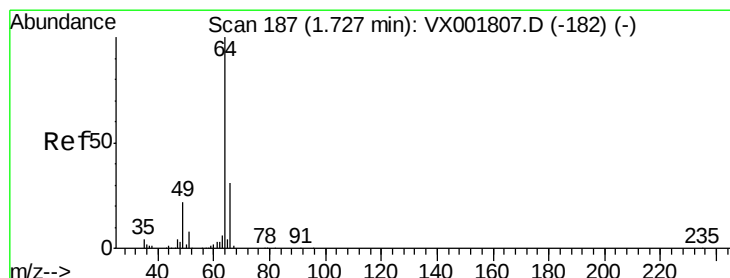
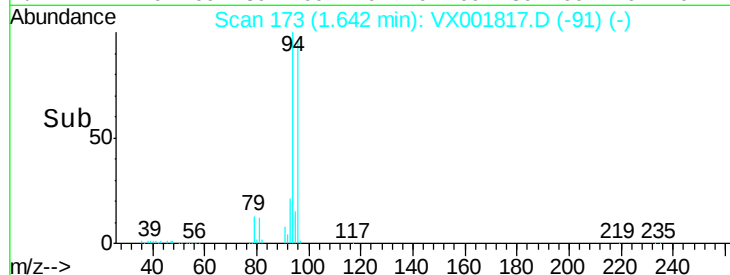
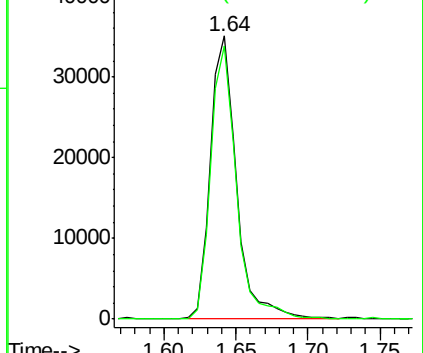
94 100

96 96.5 76.6 115.0



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 23.38 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001817.D

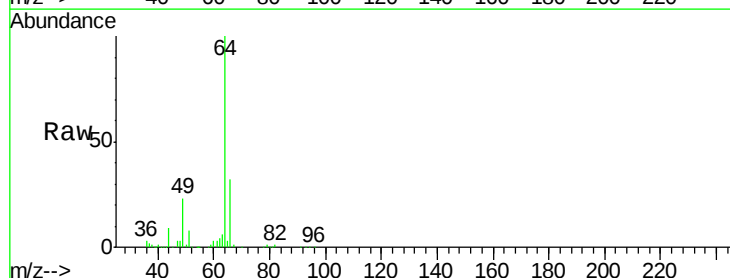
Acq: 18 May 2018 09:34

Tgt Ion: 64 Resp: 49560

Ion Ratio Lower Upper

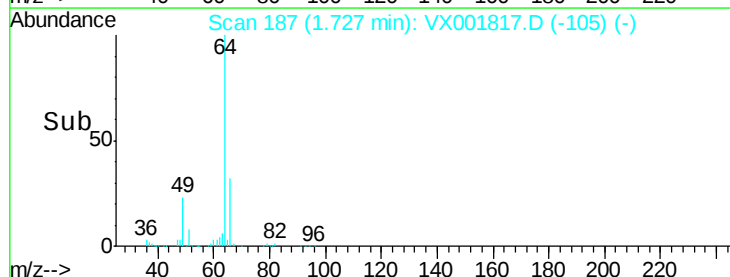
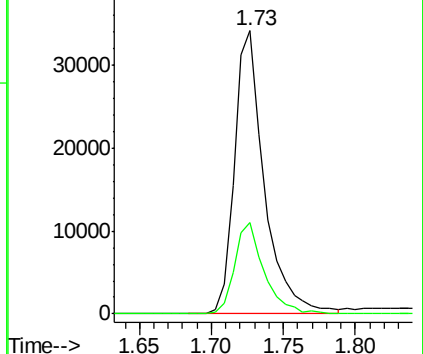
64 100

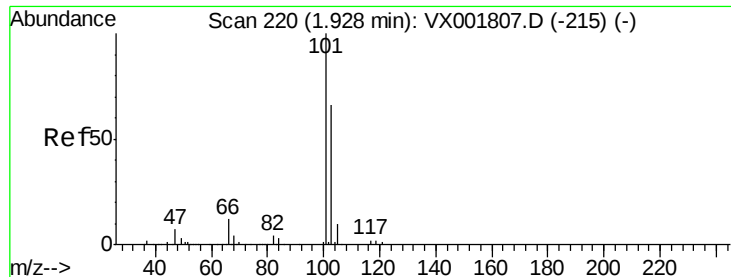
66 32.2 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



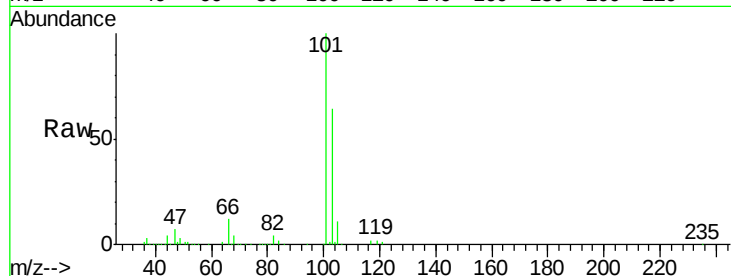


#7

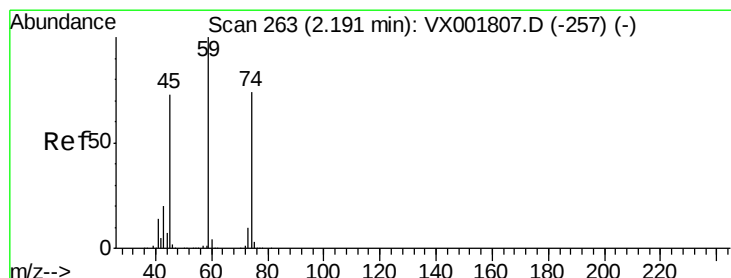
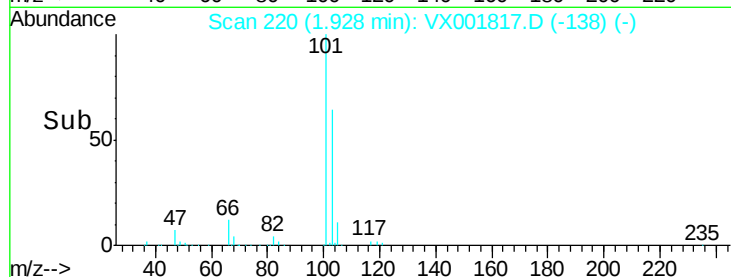
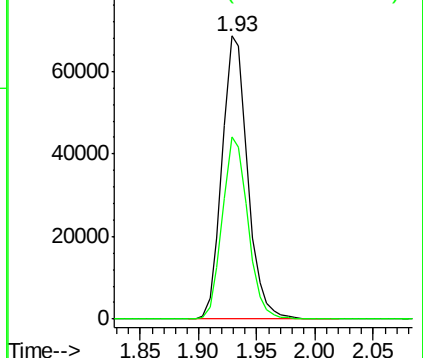
Trichlorofluoromethane
 Concen: 32.77 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Tot Ion:101 Resp: 104351
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.9 79.3



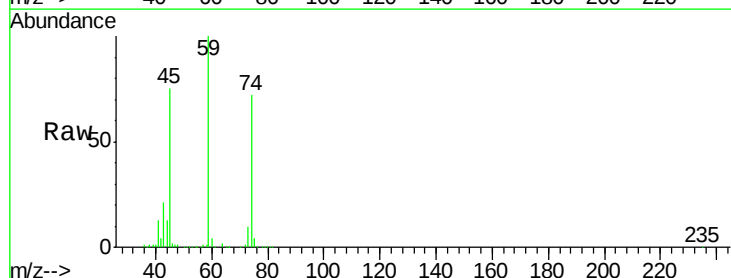
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



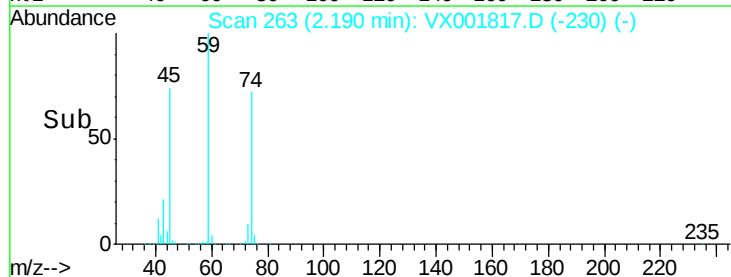
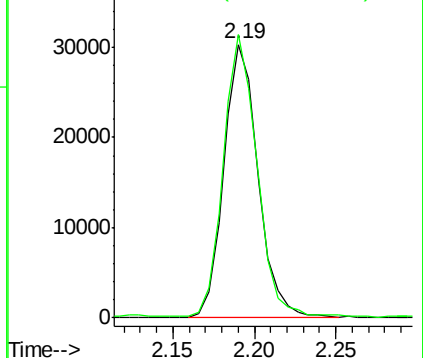
#8

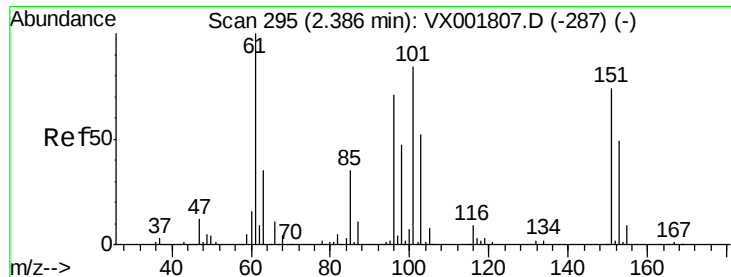
Diethyl Ether
 Concen: 19.74 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion: 74 Resp: 44164
 Ion Ratio Lower Upper
 74 100
 45 101.1 19.8 178.0



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 34.13 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

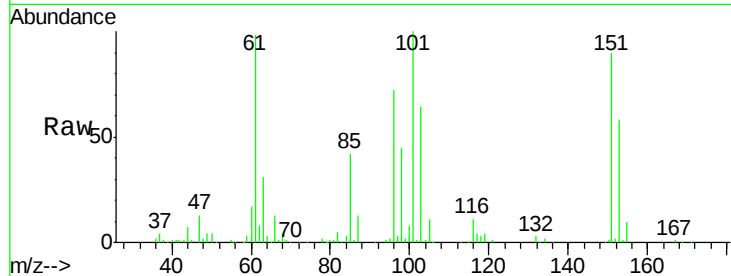
Tot Ion:101 Resp: 61442

Ion Ratio Lower Upper

101 100

85 41.2 0.0 83.0

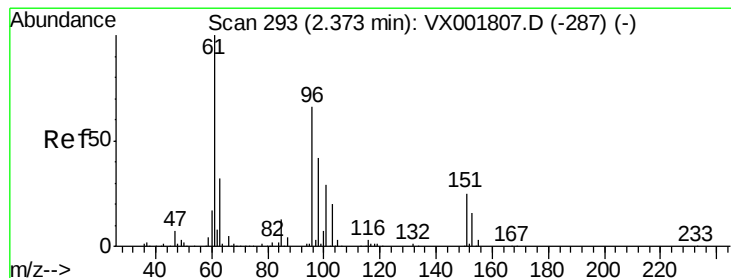
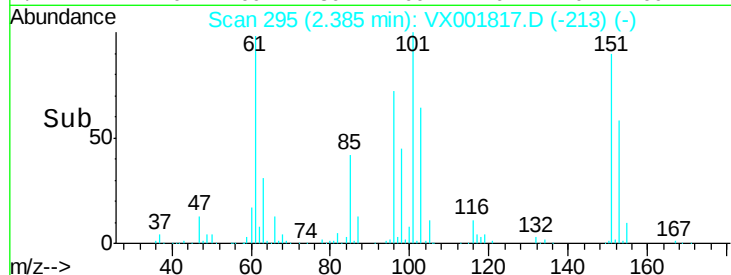
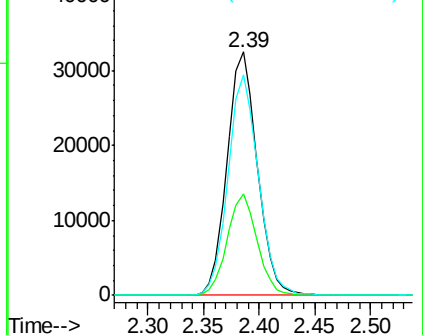
151 90.4 0.0 182.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 27.37 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

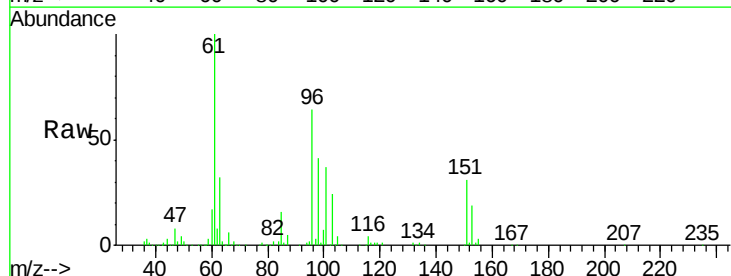
Tgt Ion: 96 Resp: 60335

Ion Ratio Lower Upper

96 100

61 155.0 120.9 181.3

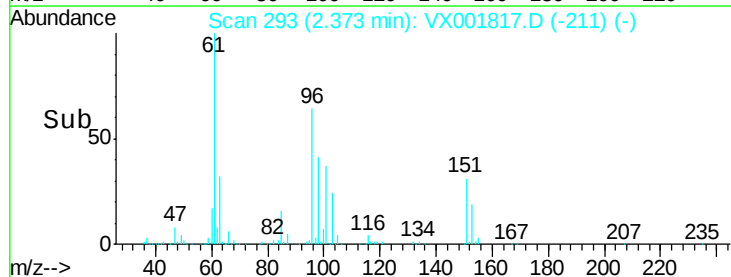
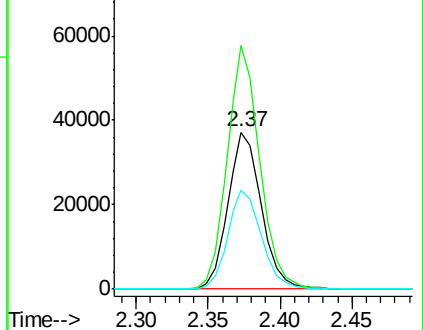
98 63.0 50.2 75.4

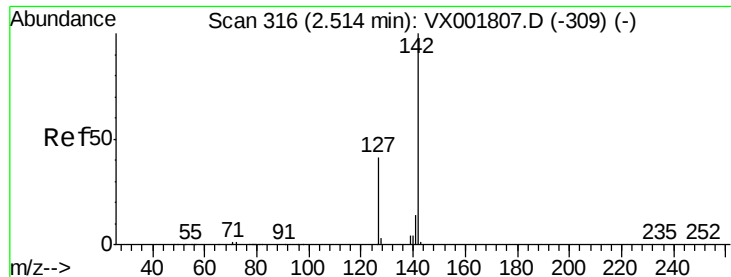


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

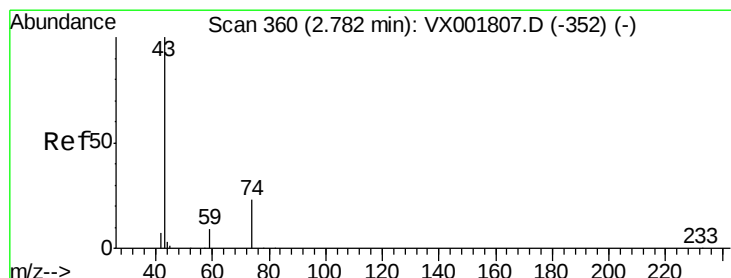
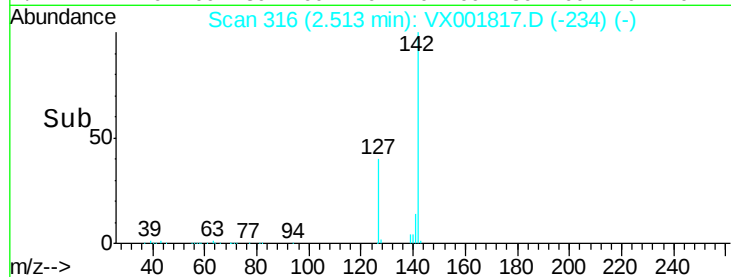
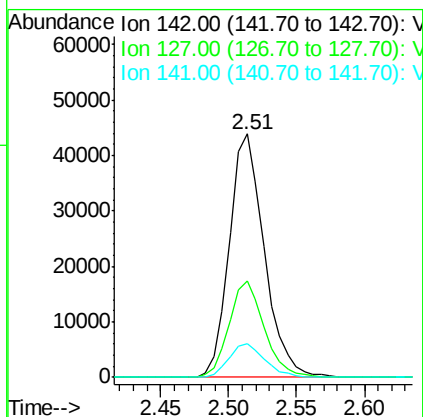
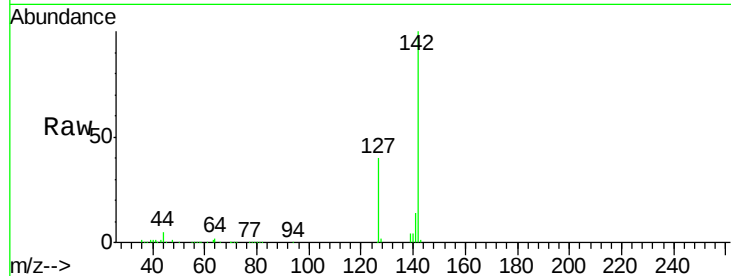




#11
Methvl Iodide
Concen: 22.55 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

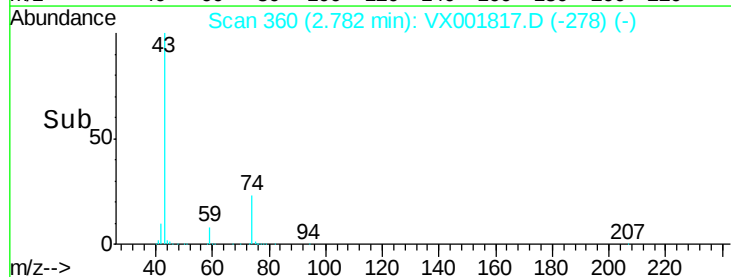
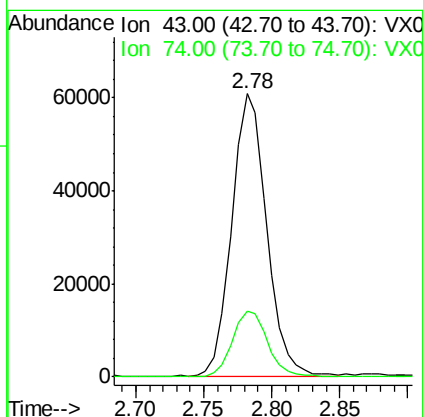
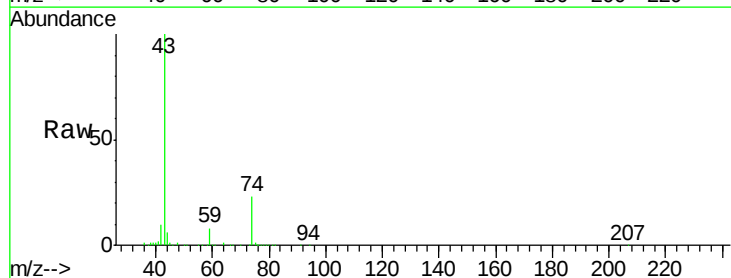
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

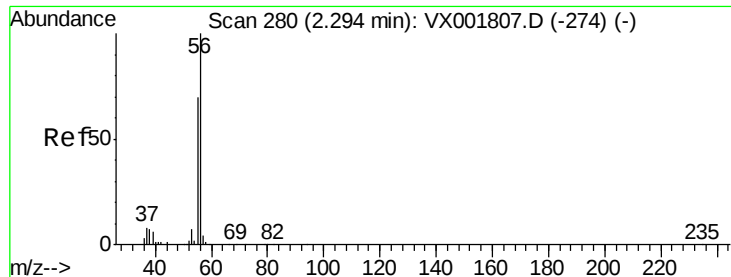
Tot Ion:142 Resp: 78580
Ion Ratio Lower Upper
142 100
127 39.8 20.3 61.0
141 13.9 7.0 21.1



#12
Methyl Acetate
Concen: 20.12 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 43 Resp: 107763
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4





#13

Acrolein

Concen: 93.36 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

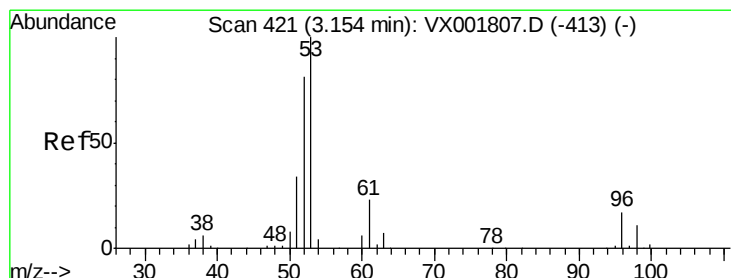
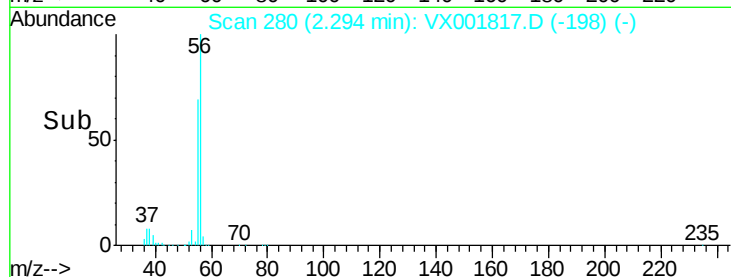
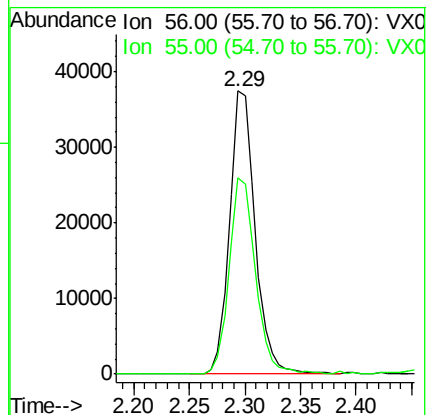
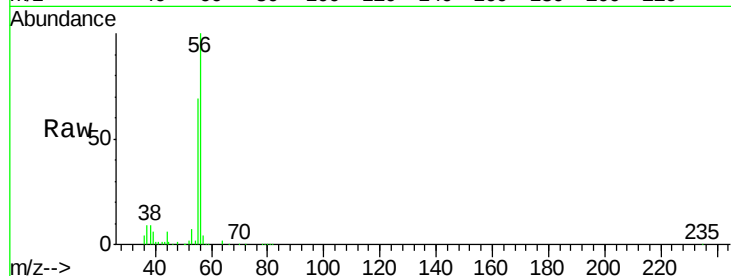
VX0518WBSD01

Tot Ion: 56 Resp: 59696

Ion Ratio Lower Upper

56 100

55 70.4 56.0 84.0



#14

Acrylonitrile

Concen: 98.99 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

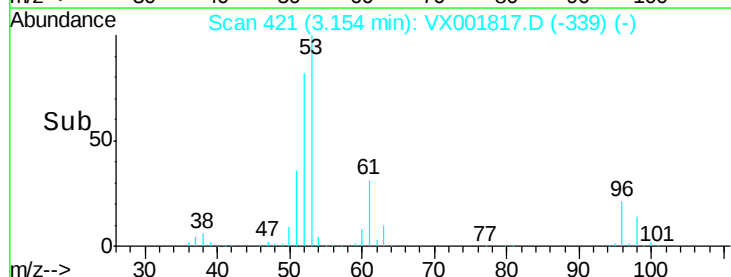
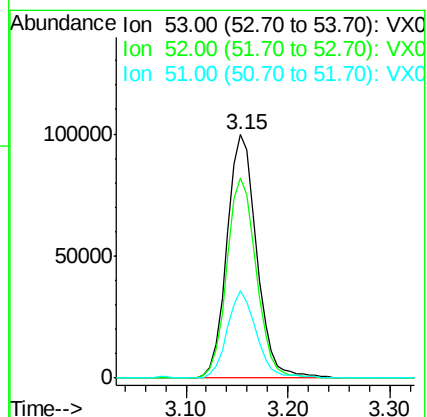
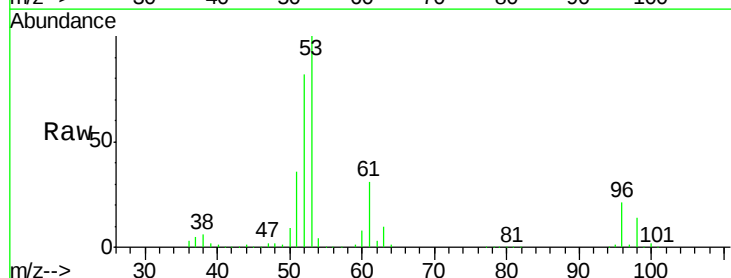
Tgt Ion: 53 Resp: 201901

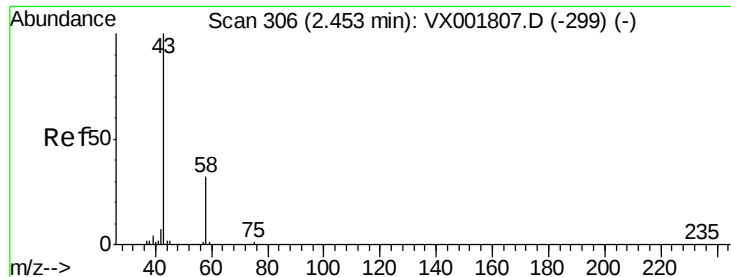
Ion Ratio Lower Upper

53 100

52 80.9 40.7 122.1

51 35.0 17.4 52.3





#15

Acetone

Concen: 98.64 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

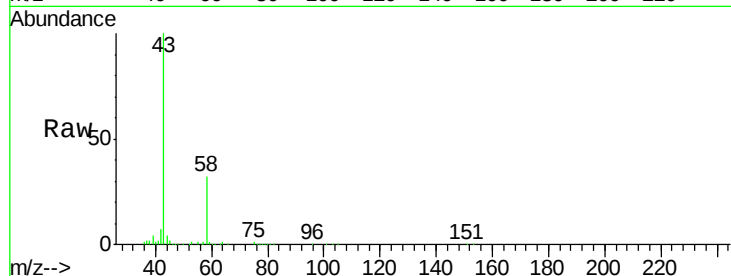
VX0518WBSD01

Tot Ion: 58 Resp: 54937

Ion Ratio Lower Upper

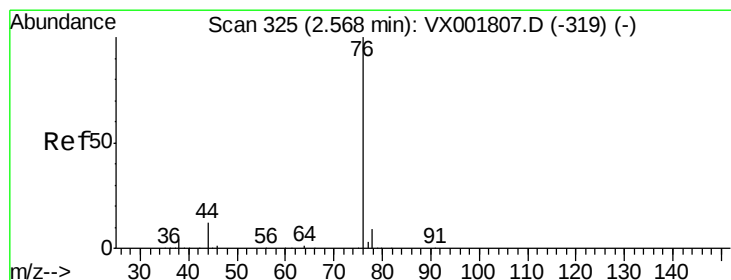
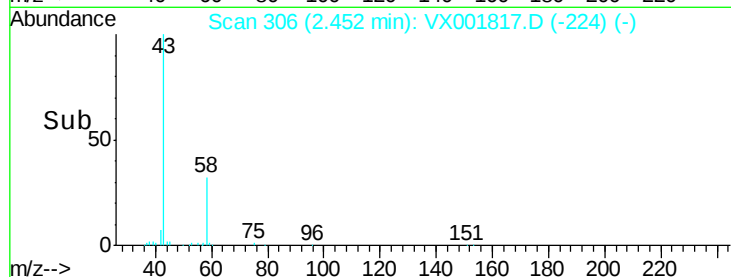
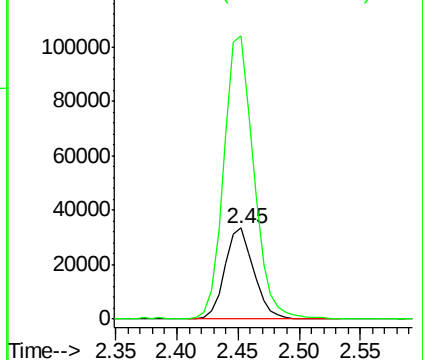
58 100

43 309.9 252.1 378.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 26.65 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001817.D

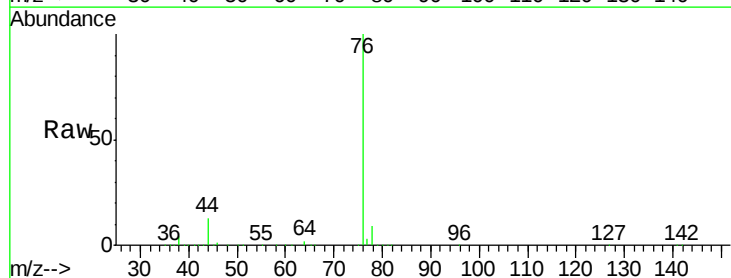
Acq: 18 May 2018 09:34

Tgt Ion: 76 Resp: 146948

Ion Ratio Lower Upper

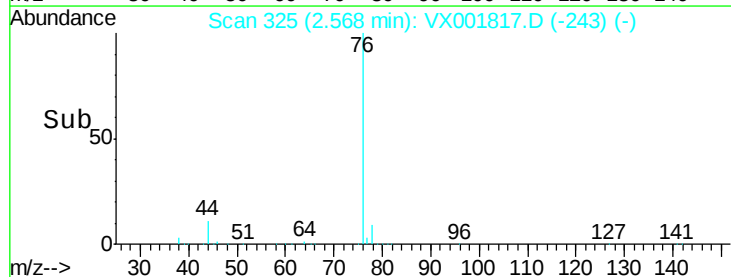
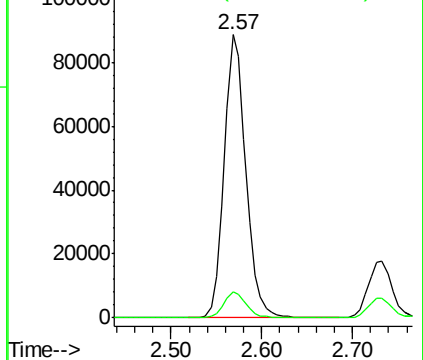
76 100

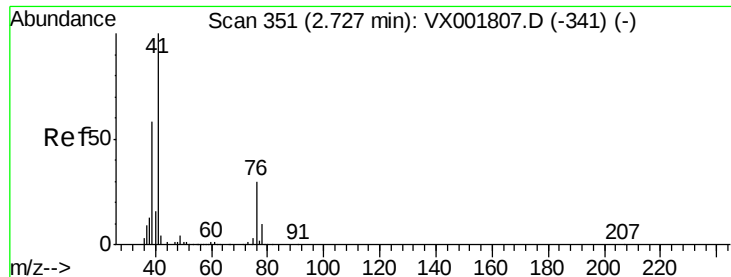
78 9.2 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

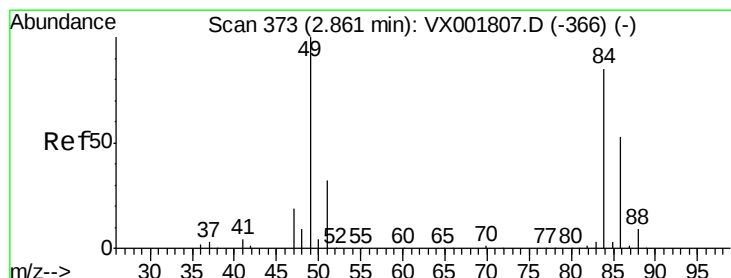
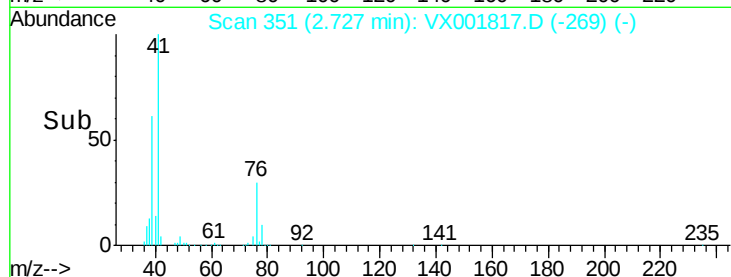
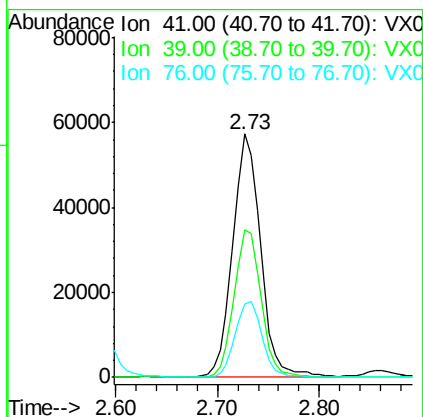
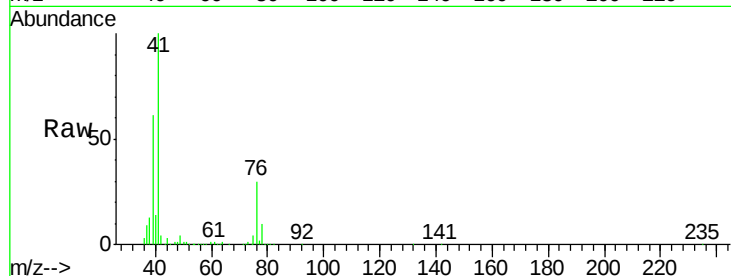




#17
Allvl chloride
Concen: 21.85 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

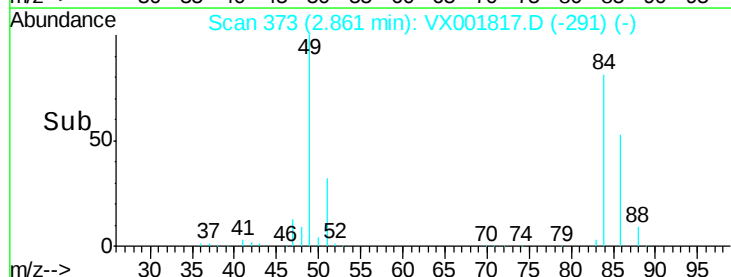
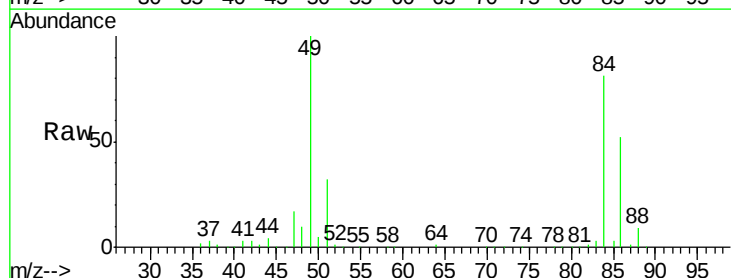
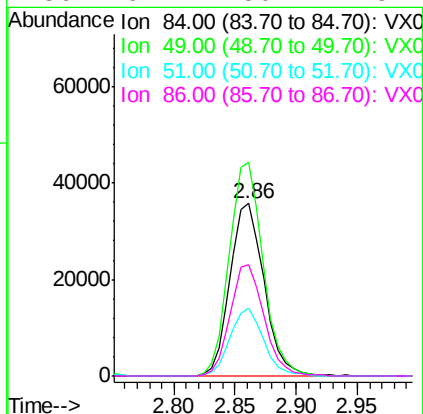
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

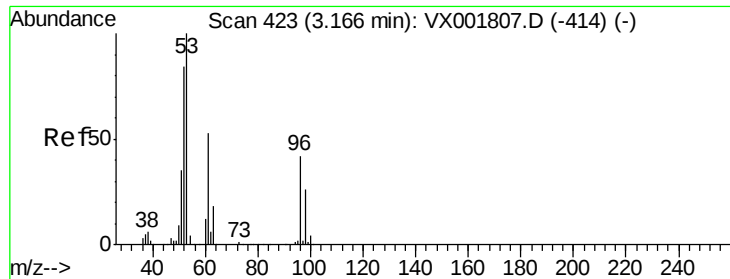
Tot Ion	Ratio	Lower	Upper
41	100		
39	60.4	29.1	87.3
76	30.2	15.2	45.5



#18
Methylene Chloride
Concen: 20.35 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	94.1	141.1
51	39.2	29.8	44.6
86	64.7	50.1	75.1





#19

trans-1,2-Dichloroethene

Concen: 23.62 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

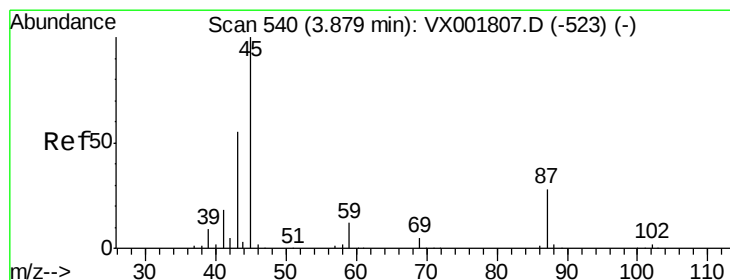
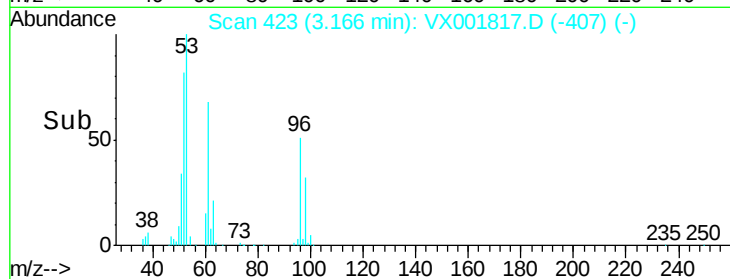
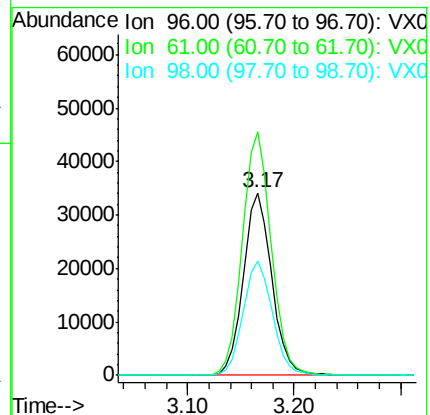
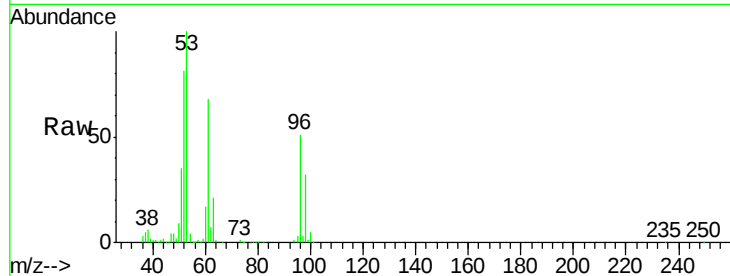
Tot Ion: 96 Resp: 64235

Ion Ratio Lower Upper

96 100

61 133.5 102.9 154.3

98 63.1 49.7 74.5



#20

Diisopropyl ether

Concen: 20.93 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Tgt Ion: 45 Resp: 224489

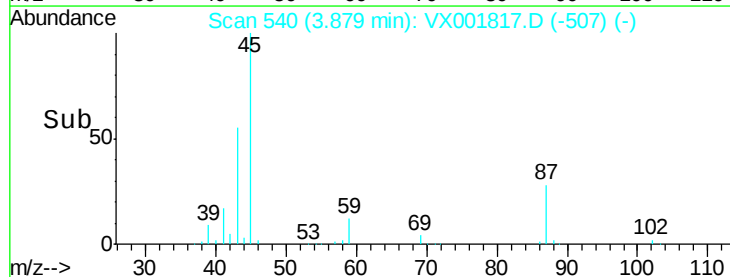
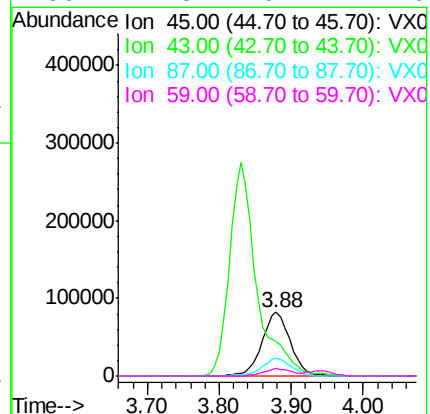
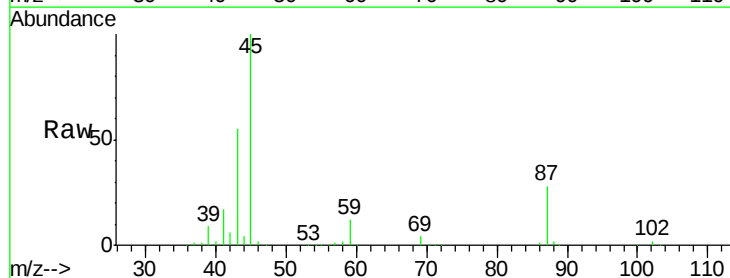
Ion Ratio Lower Upper

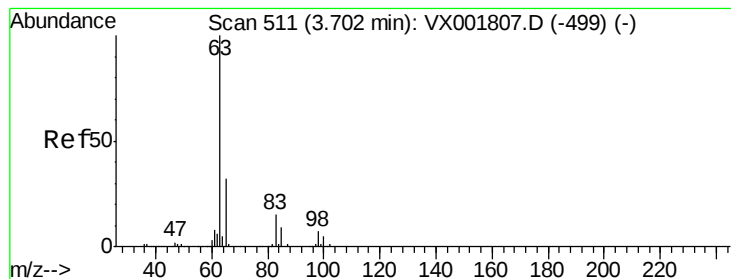
45 100

43 54.6 44.2 66.2

87 28.1 22.4 33.6

59 11.8 9.4 14.0





#21

1,1-Dichloroethane

Concen: 21.88 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampled :

VX0518WBSD01

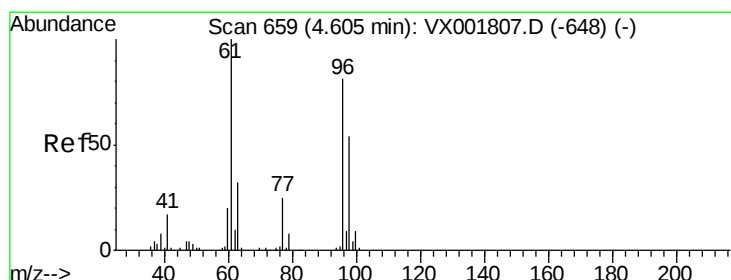
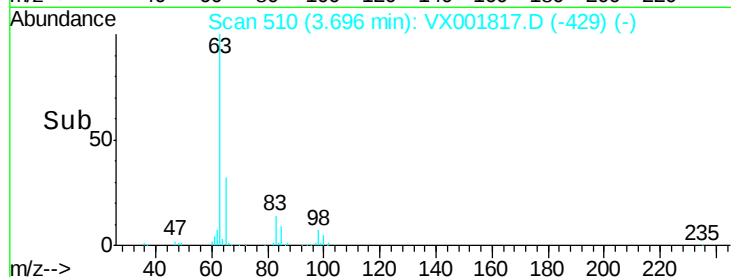
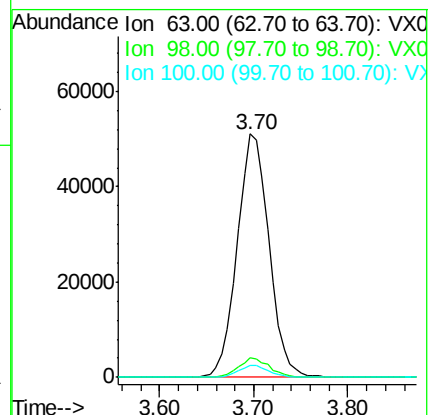
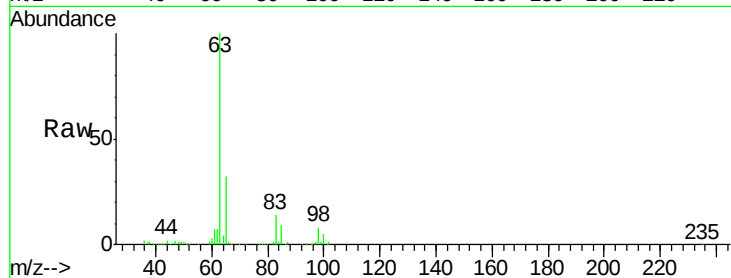
Tot Ion: 63 Resp: 120183

Ion Ratio Lower Upper

63 100

98 7.8 3.7 11.1

100 5.1 2.5 7.6



#22

cis-1,2-Dichloroethene

Concen: 21.90 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

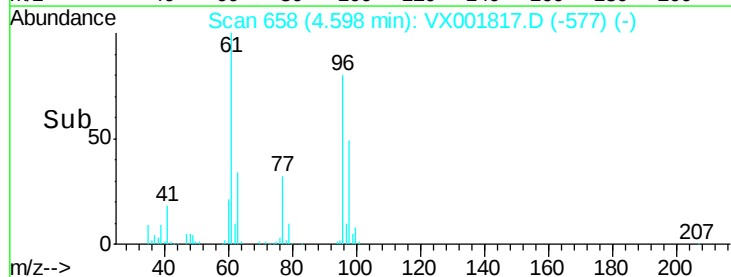
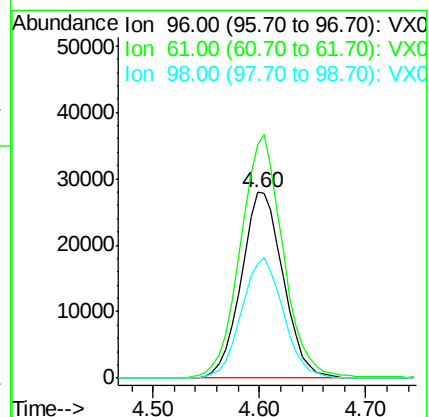
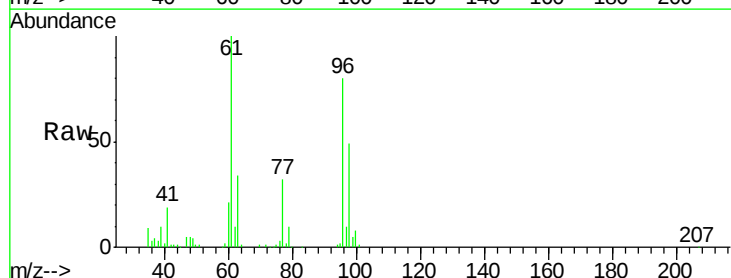
Tgt Ion: 96 Resp: 77261

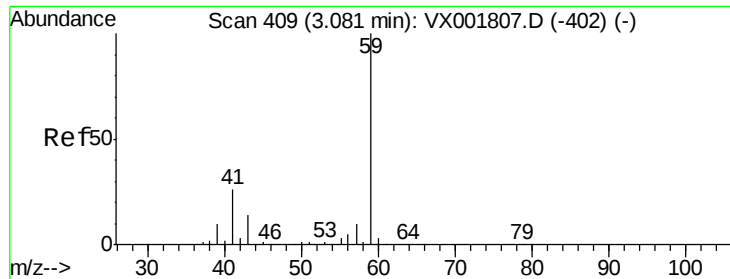
Ion Ratio Lower Upper

96 100

61 133.3 105.9 158.9

98 64.2 51.5 77.3

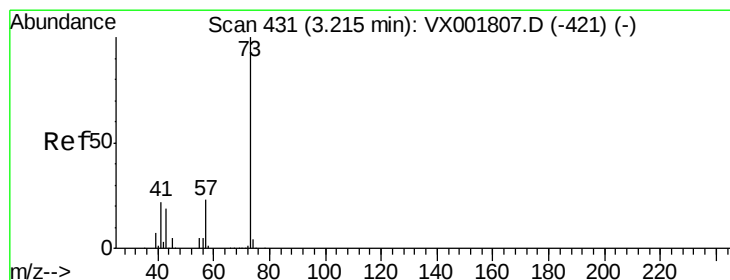
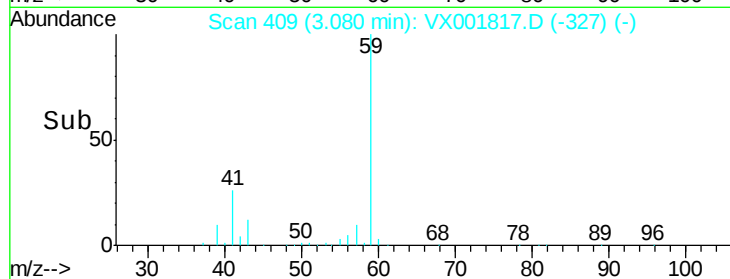
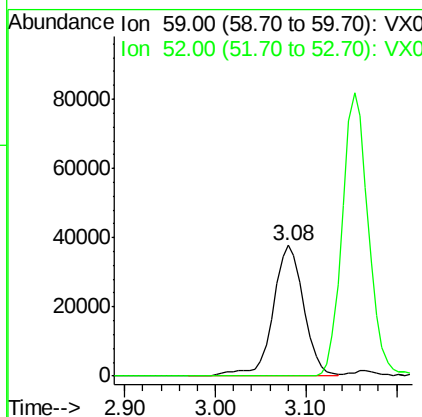
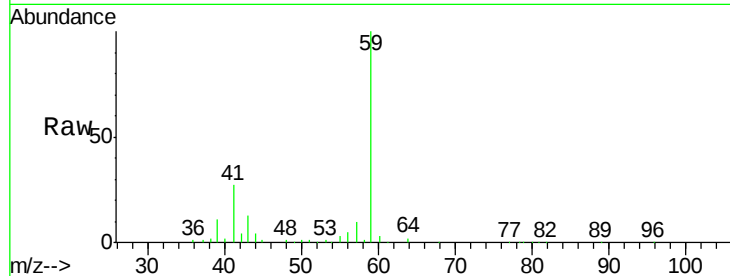




#23
 tert-Butyl Alcohol
 Concen: 104.49 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

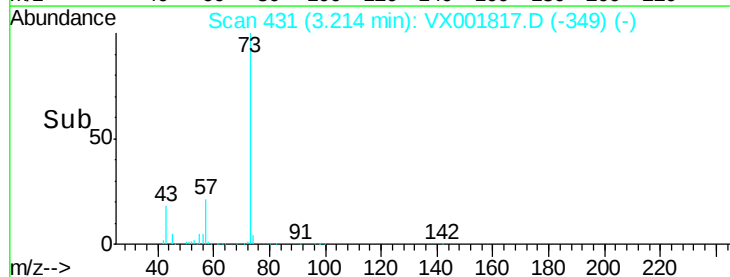
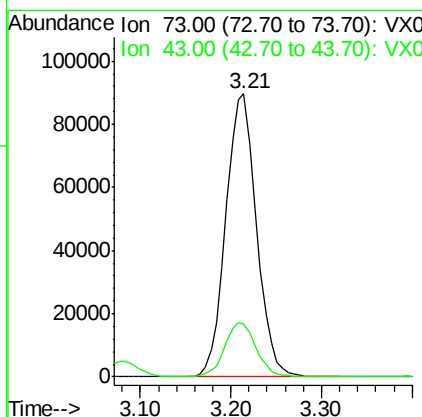
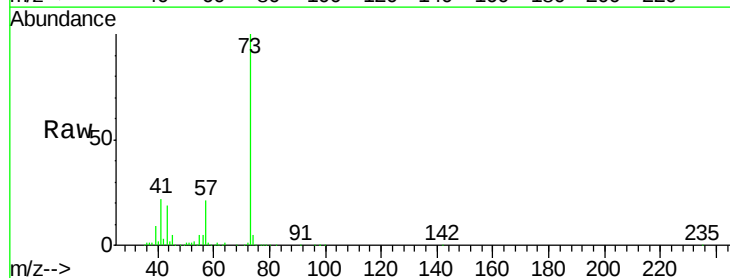
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

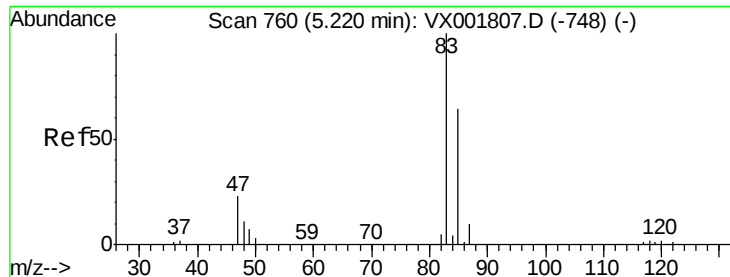
Tot Ion: 59 Resp: 88613
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 20.06 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion: 73 Resp: 210517
 Ion Ratio Lower Upper
 73 100
 43 19.3 15.2 22.8

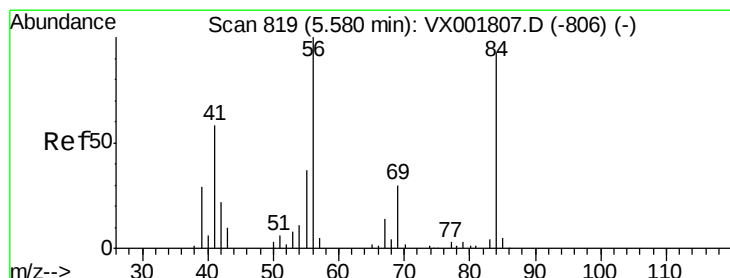
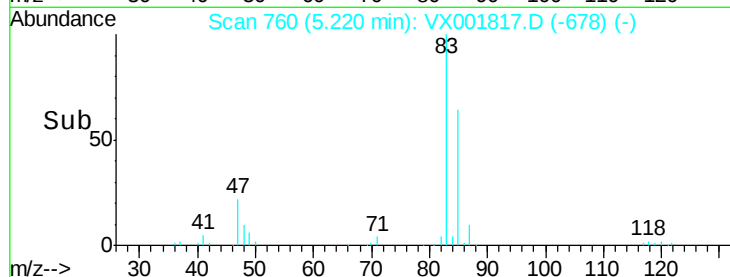
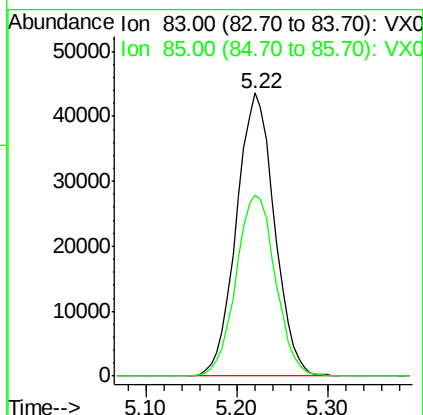
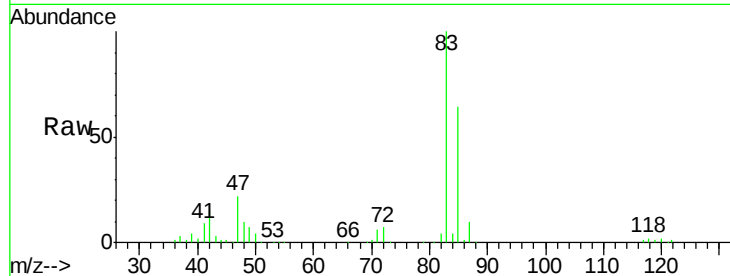




#25
Chloroform
Concen: 21.69 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

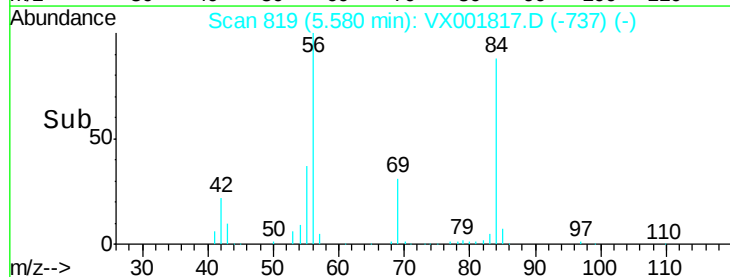
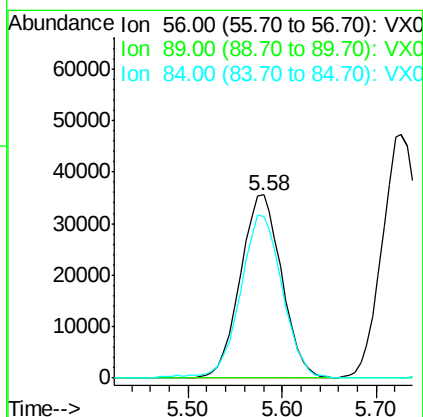
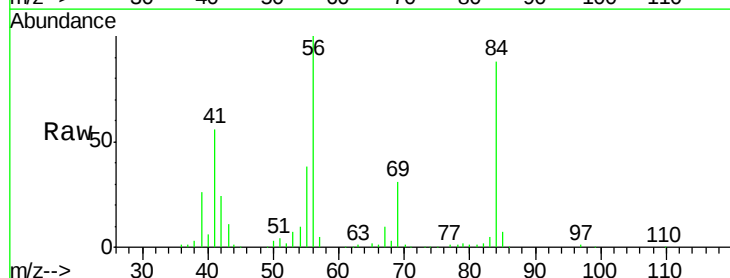
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

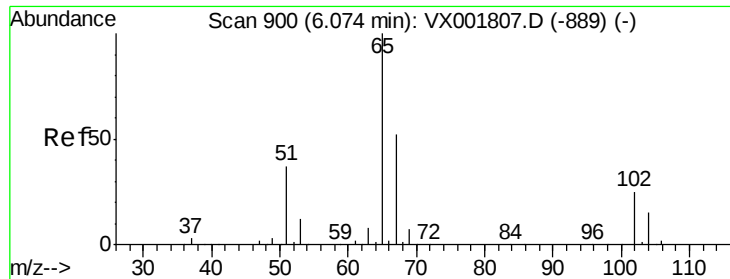
Tot Ion: 83 Resp: 126978
Ion Ratio Lower Upper
83 100
85 63.8 51.6 77.4



#26
Cyclohexane
Concen: 36.63 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 56 Resp: 109559
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.3 73.8 110.8

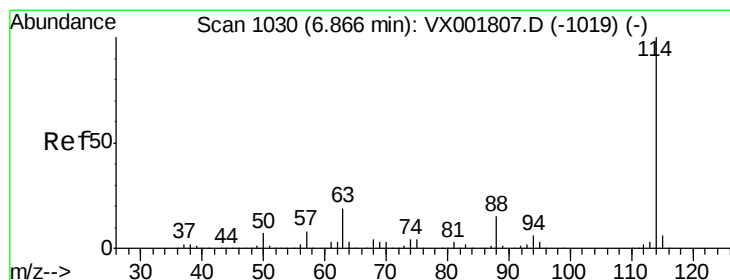
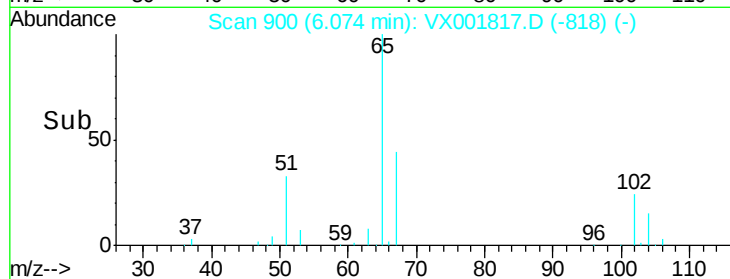
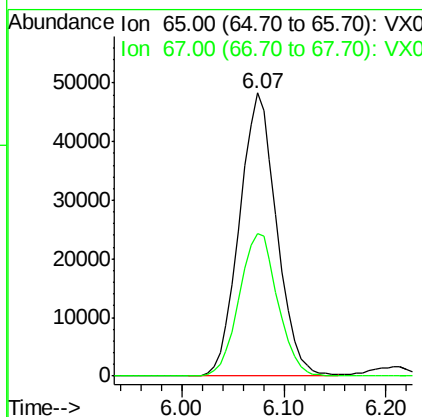
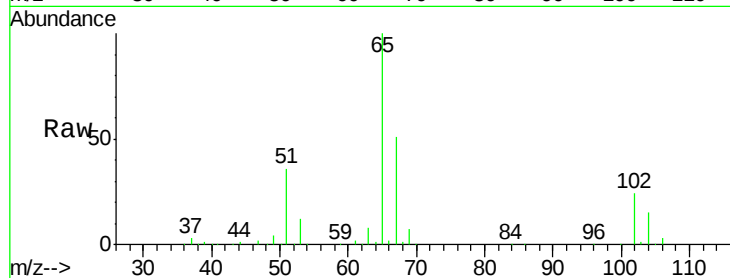




#27
 1,2-Dichloroethane-d4
 Concen: 30.27 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

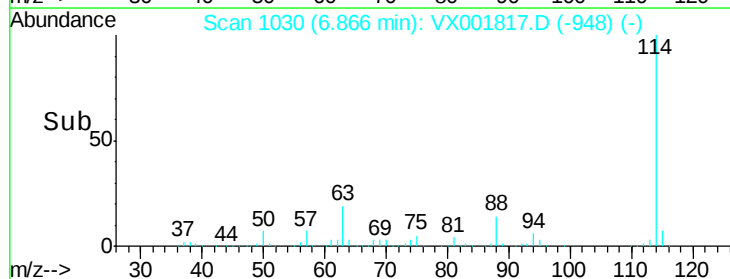
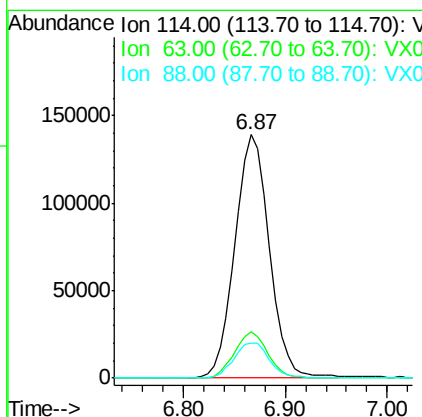
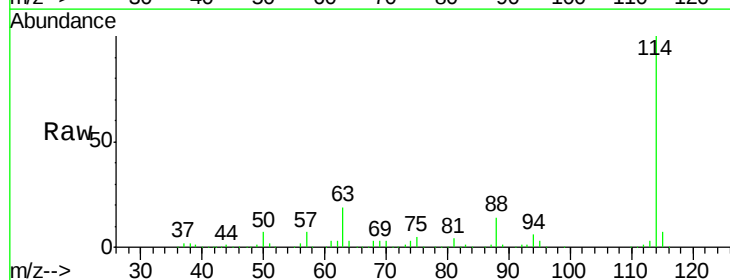
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

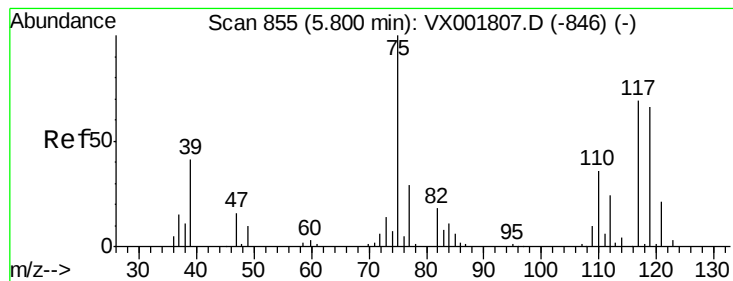
Tot Ion: 65 Resp: 122274
 Ion Ratio Lower Upper
 65 100
 67 52.2 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion: 114 Resp: 326776
 Ion Ratio Lower Upper
 114 100
 63 18.5 14.9 22.3
 88 14.9 11.8 17.8





#29

1,1-Dichloropropene

Concen: 24.19 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

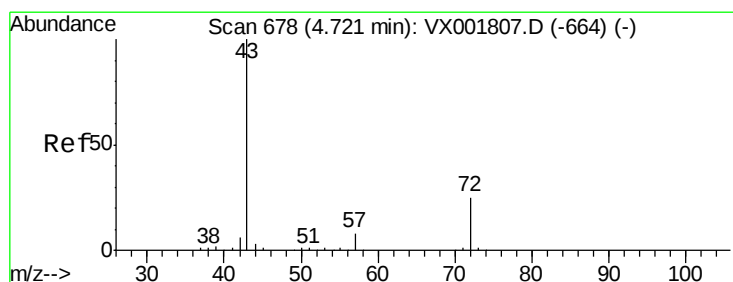
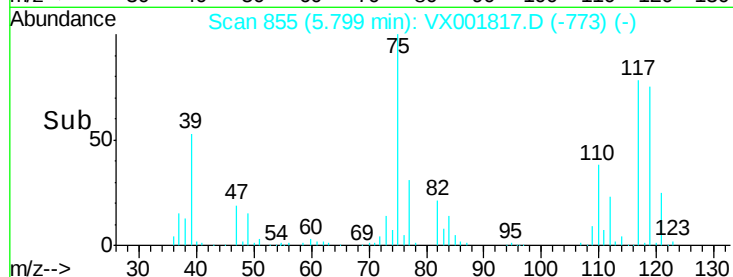
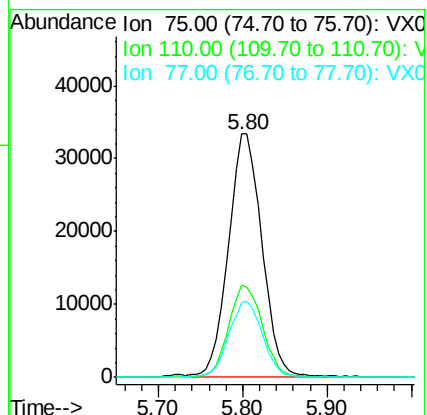
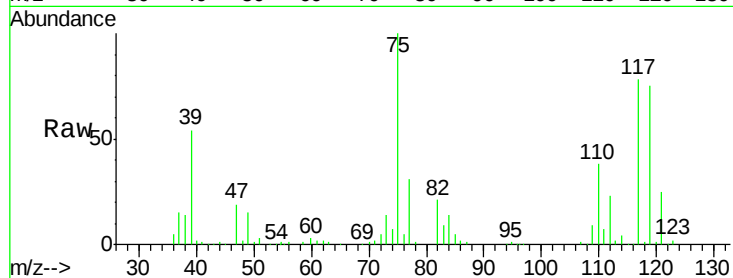
Tot Ion: 75 Resp: 89678

Ion Ratio Lower Upper

75 100

110 38.5 0.0 75.2

77 31.7 0.0 61.6



#30

2-Butanone

Concen: 84.10 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

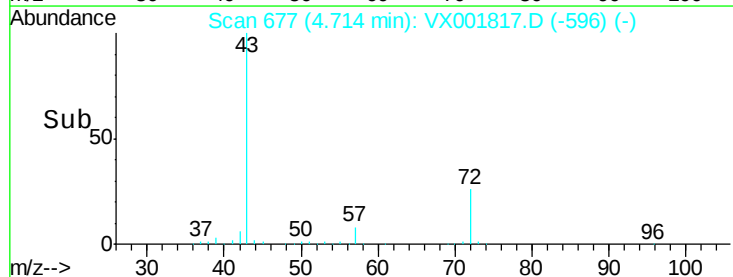
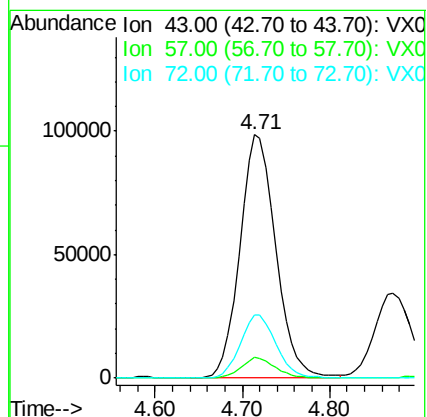
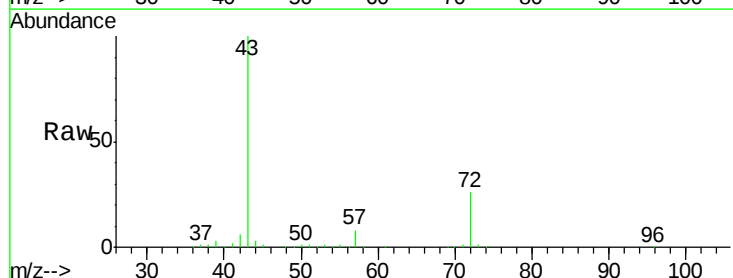
Tgt Ion: 43 Resp: 281153

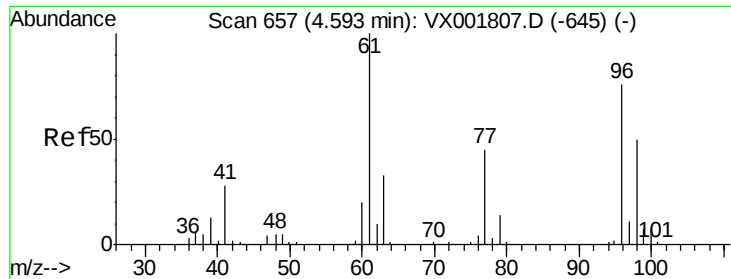
Ion Ratio Lower Upper

43 100

57 8.1 6.4 9.6

72 25.9 20.6 30.8

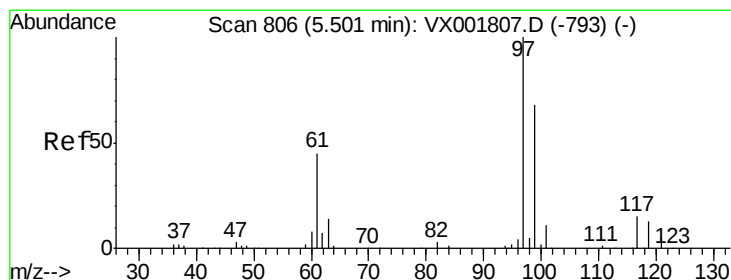
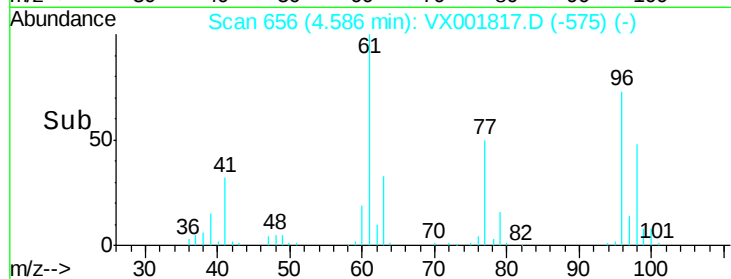
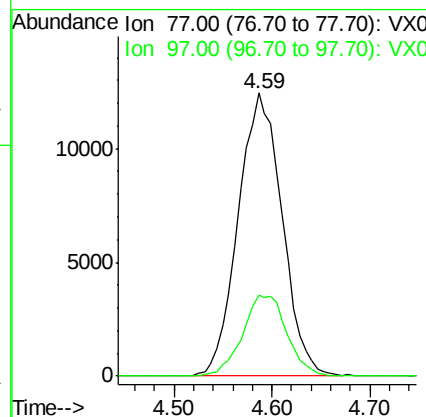
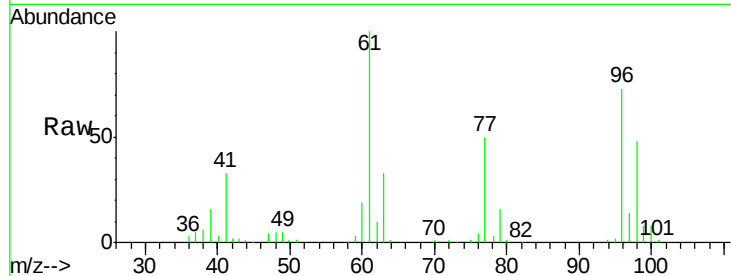




#31
 2,2-Dichloropropane
 Concen: 16.59 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

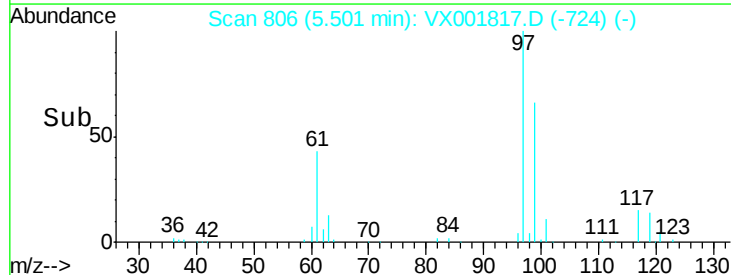
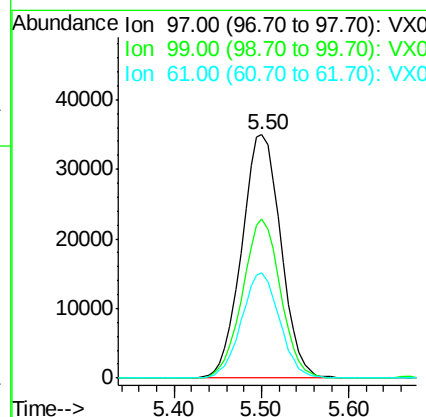
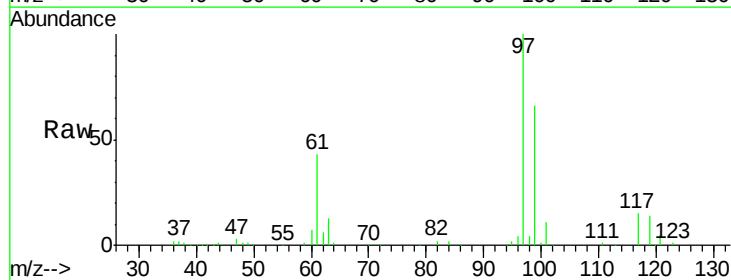
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

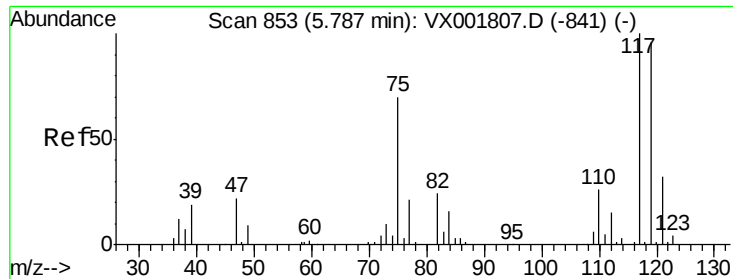
Tot Ion: 77 Resp: 38883
 Ion Ratio Lower Upper
 77 100
 97 28.7 22.3 33.5



#32
 1,1,1-Trichloroethane
 Concen: 22.15 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion: 97 Resp: 108830
 Ion Ratio Lower Upper
 97 100
 99 63.6 52.4 78.6
 61 42.2 34.6 51.8





#33

Carbon Tetrachloride

Concen: 24.07 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampled :

VX0518WBSD01

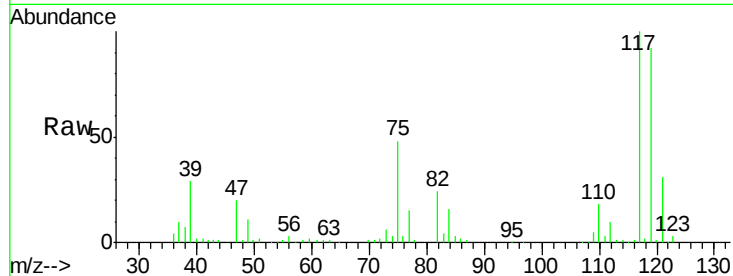
Tot Ion:117 Resp: 94429

Ion Ratio Lower Upper

117 100

119 92.2 76.4 114.6

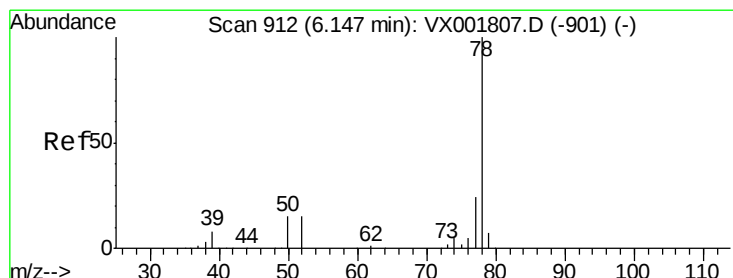
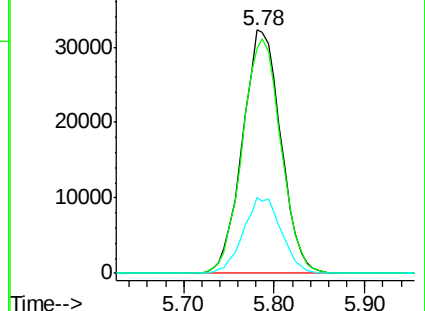
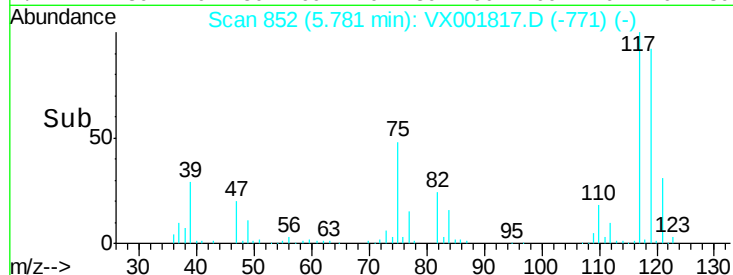
121 31.1 25.3 37.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.44 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

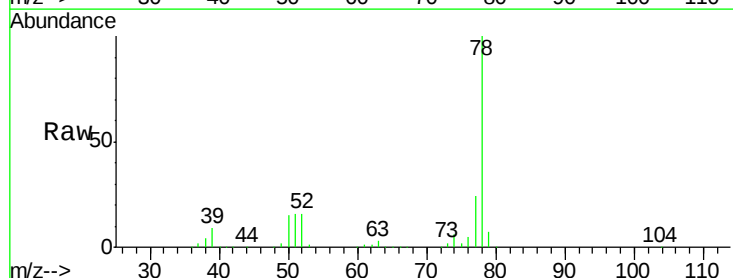
Tgt Ion: 78 Resp: 287781

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

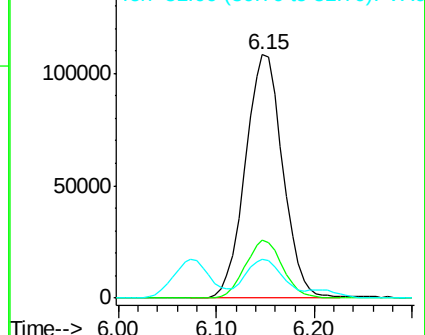
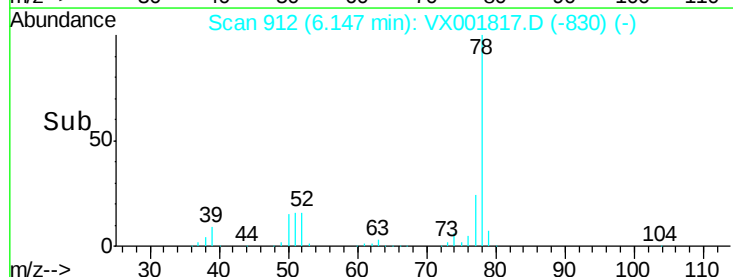
51 14.5 13.2 19.8

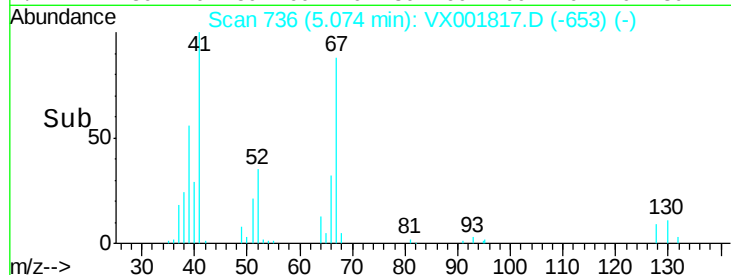
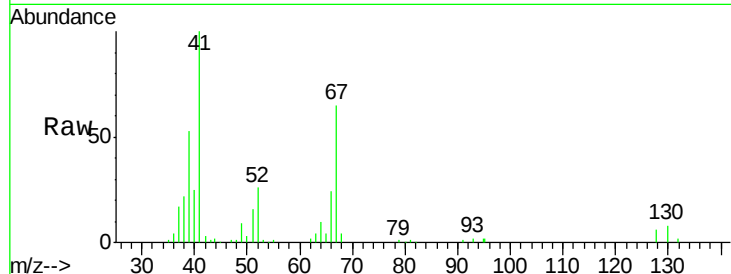
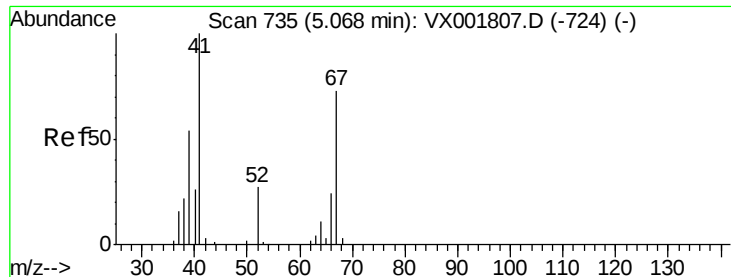


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

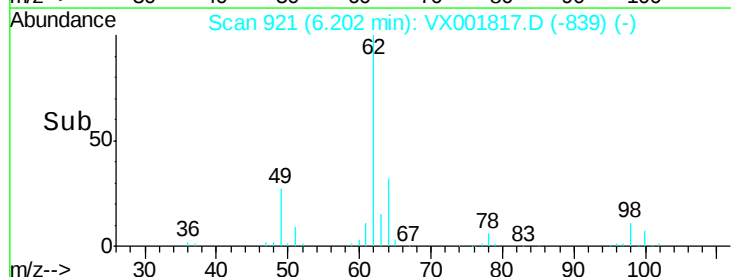
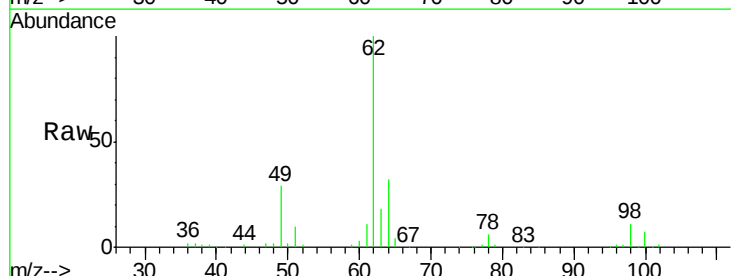
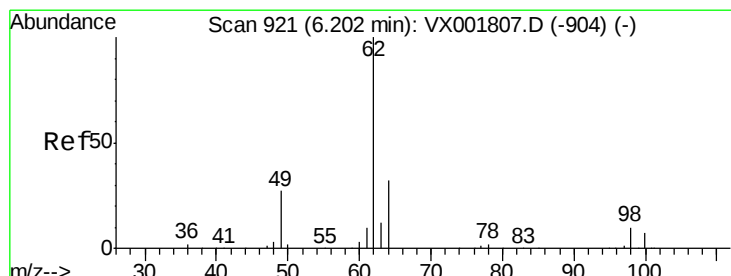
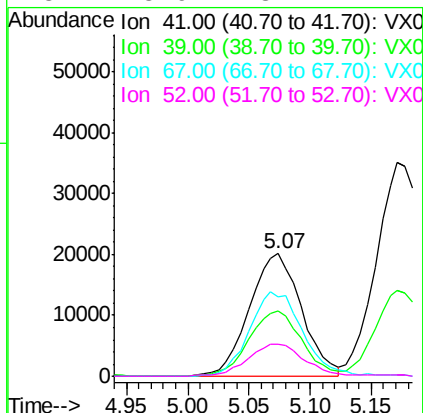
Ion 51.00 (50.70 to 51.70): VX0





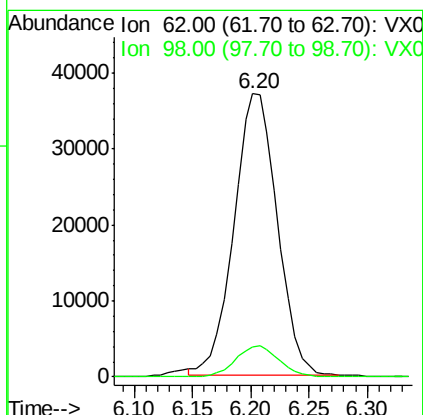
#35
Methacrylonitrile
Concen: 16.66 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

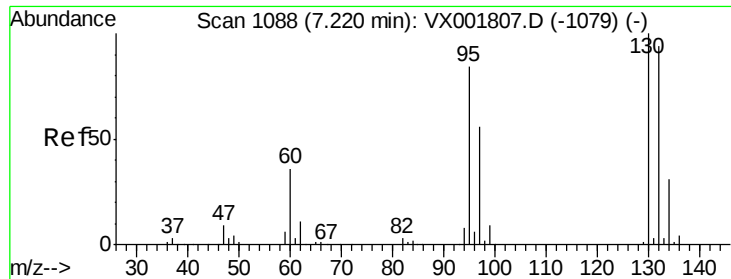
Tot Ion: 41 Resp: 59286
Ion Ratio Lower Upper
41 100
39 52.7 26.9 80.6
67 65.5 36.8 110.3
52 25.9 13.7 41.1



#36
1,2-Dichloroethane
Concen: 16.58 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 62 Resp: 95917
Ion Ratio Lower Upper
62 100
98 11.2 8.6 12.8





#37

Trichloroethene

Concen: 21.02 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

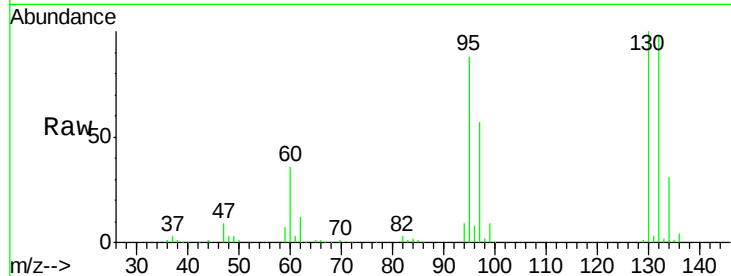
VX0518WBSD01

Tot Ion:130 Resp: 85062

Ion Ratio Lower Upper

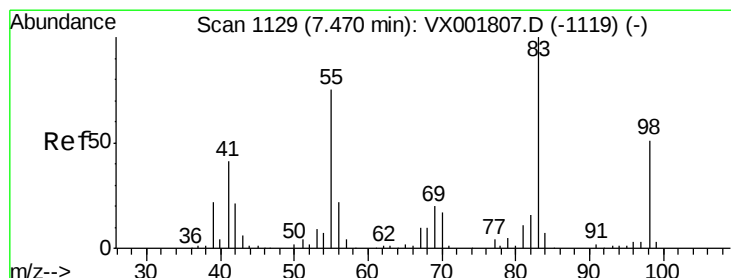
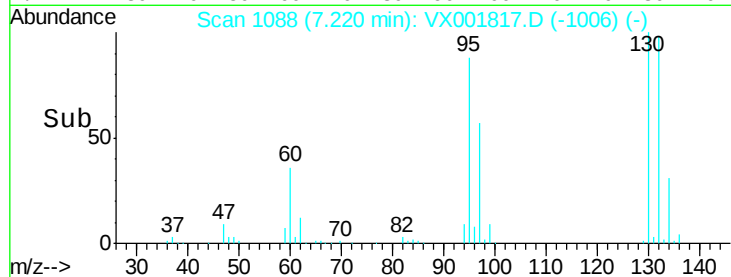
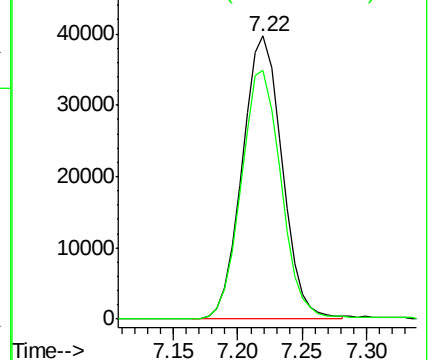
130 100

95 87.8 67.1 100.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 31.14 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

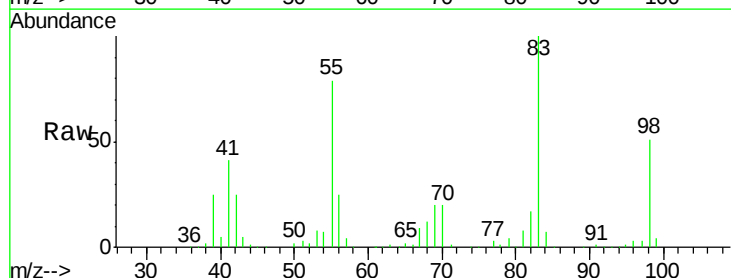
Tgt Ion: 83 Resp: 106421

Ion Ratio Lower Upper

83 100

55 77.1 40.0 119.9

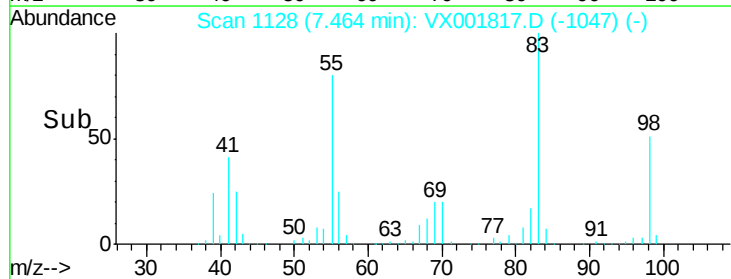
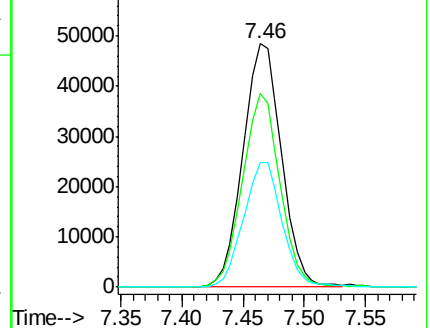
98 50.7 25.8 77.4

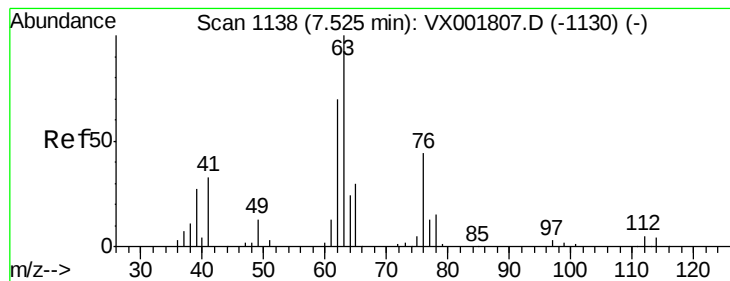


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 17.94 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

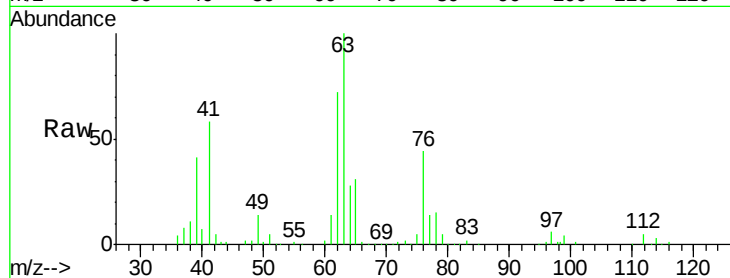
VX0518WBSD01

Tot Ion: 63 Resp: 70783

Ion Ratio Lower Upper

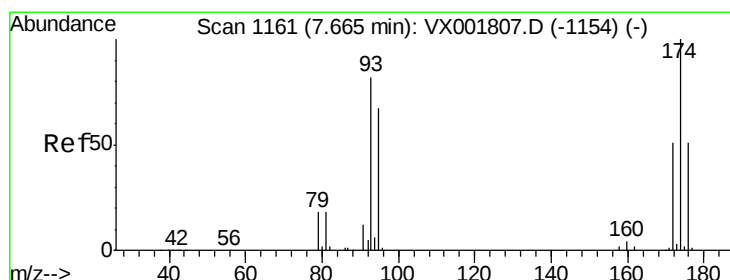
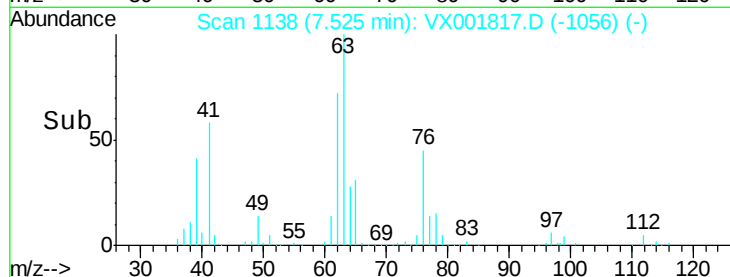
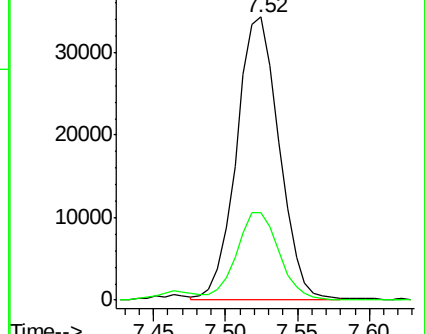
63 100

65 30.7 25.0 37.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 17.27 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

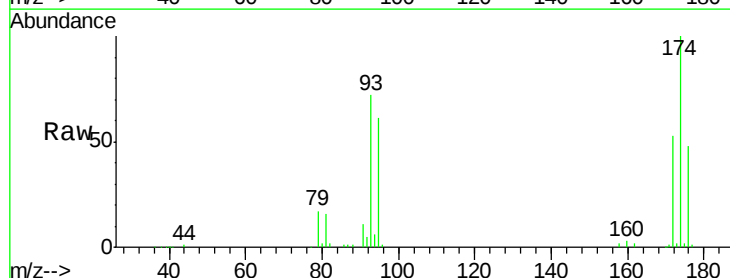
Tgt Ion: 93 Resp: 48843

Ion Ratio Lower Upper

93 100

95 83.9 0.0 167.4

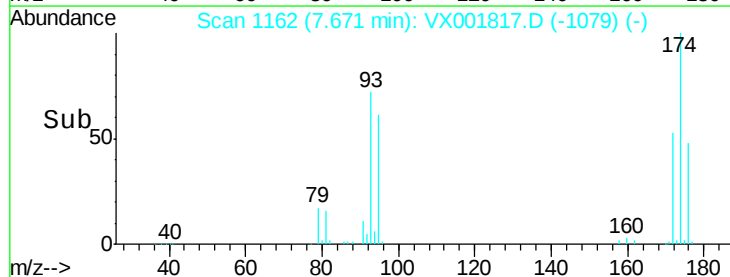
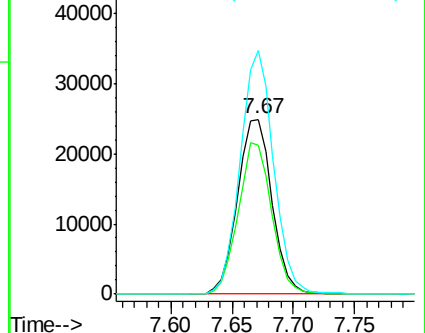
174 134.7 0.0 269.6

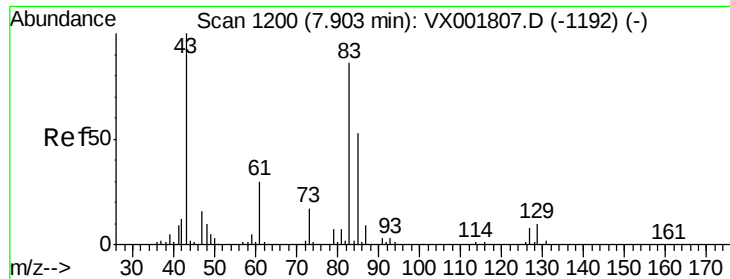


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.04 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

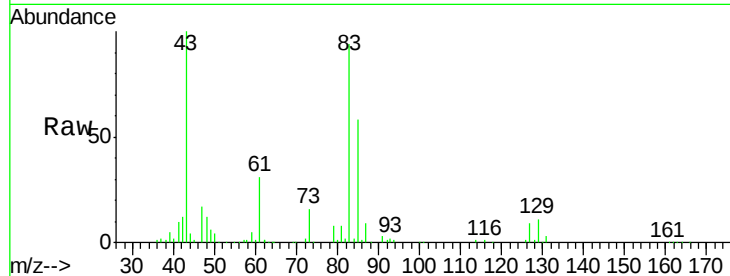
Tot Ion: 83 Resp: 89850

Ion Ratio Lower Upper

83 100

85 60.9 49.6 74.4

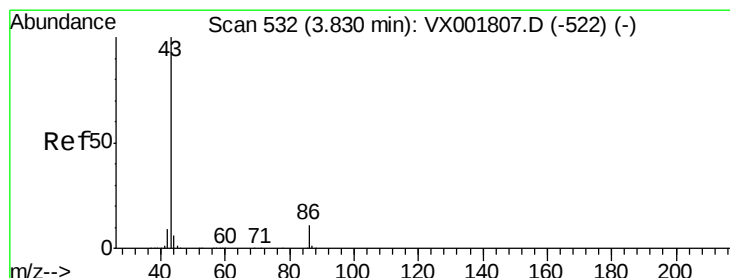
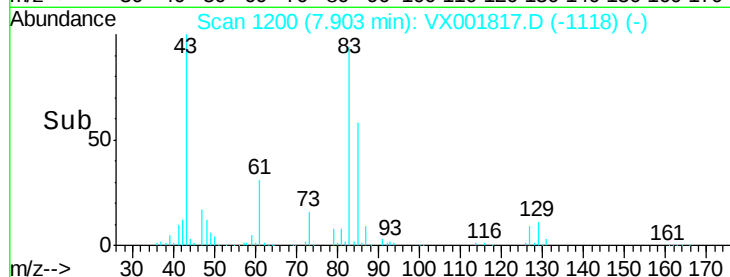
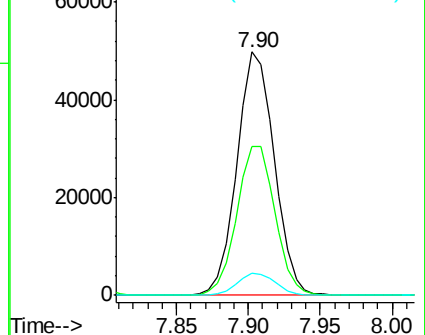
127 9.3 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 80.46 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001817.D

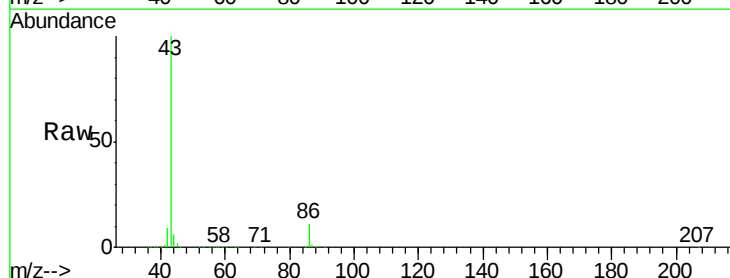
Acq: 18 May 2018 09:34

Tgt Ion: 43 Resp: 728845

Ion Ratio Lower Upper

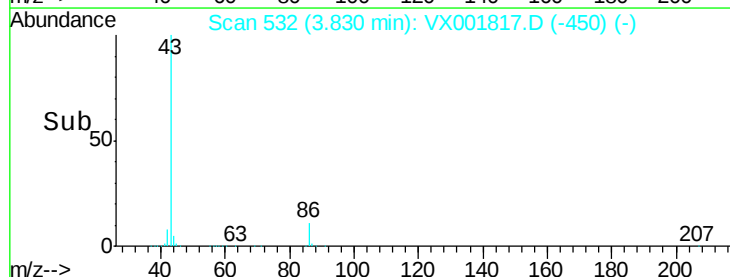
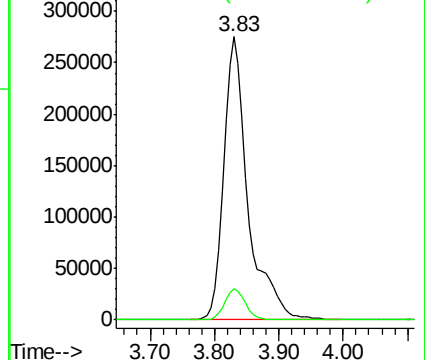
43 100

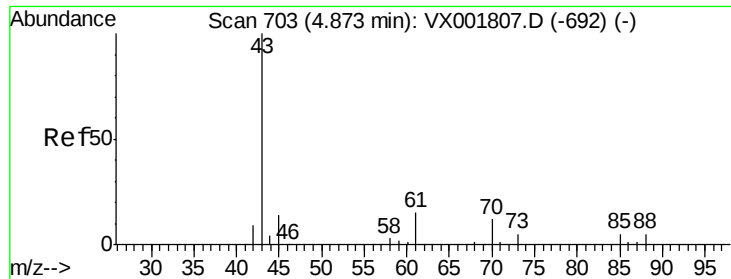
86 9.5 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

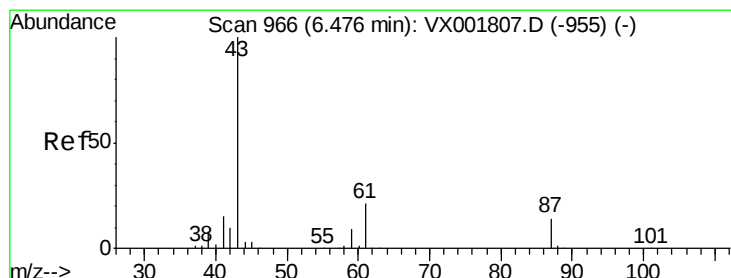
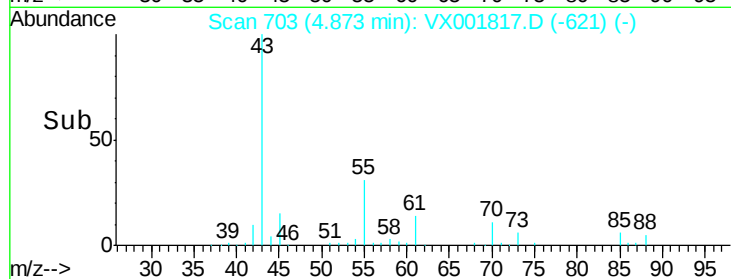
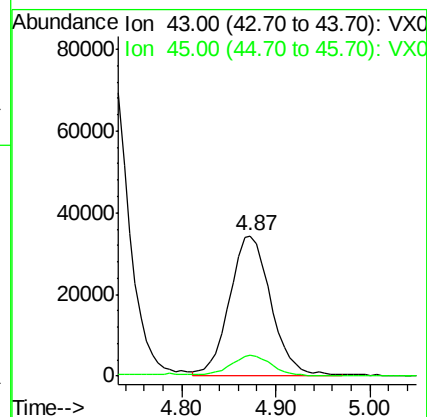
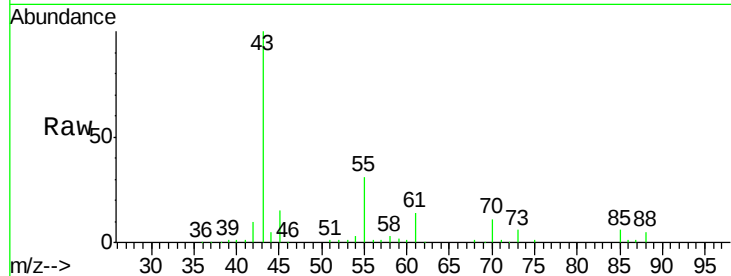




#43
Ethyl Acetate
Concen: 16.28 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

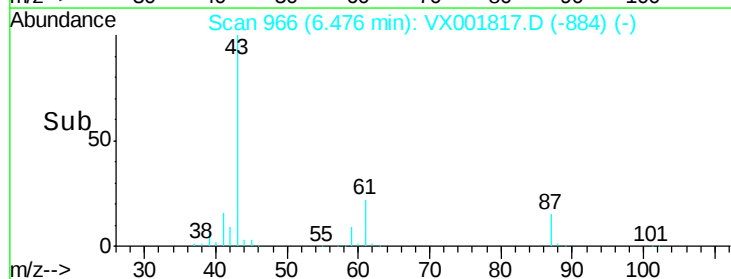
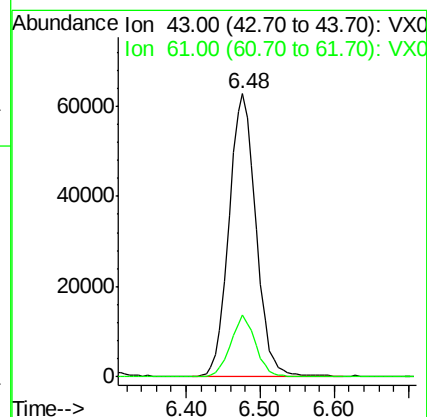
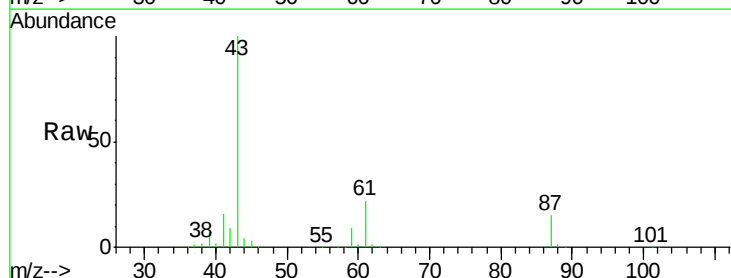
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

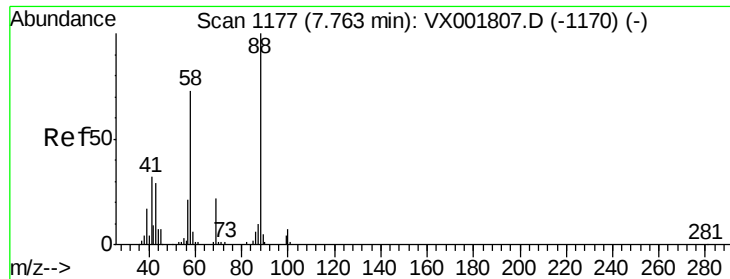
Tot Ion: 43 Resp: 103696
Ion Ratio Lower Upper
43 100
45 14.6 11.8 17.6



#44
Isopropyl Acetate
Concen: 17.23 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 43 Resp: 159152
Ion Ratio Lower Upper
43 100
61 20.2 16.6 24.8

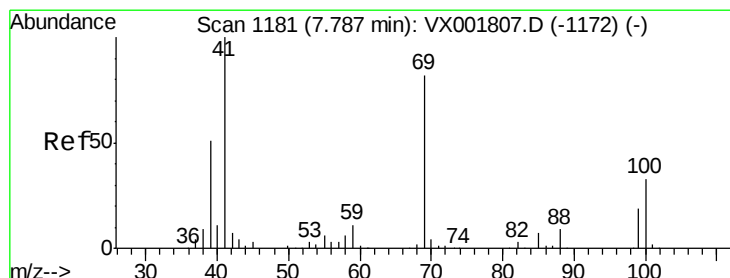
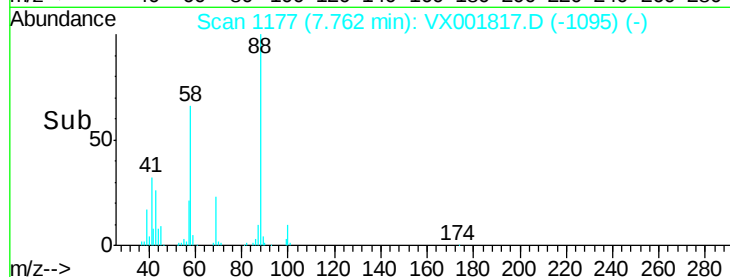
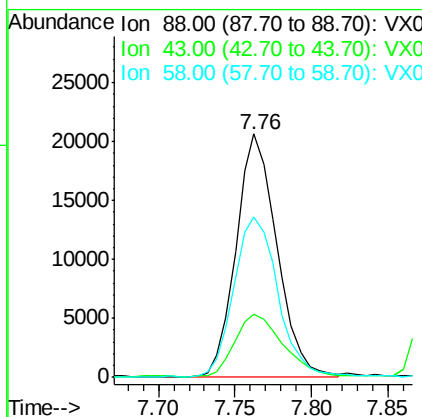
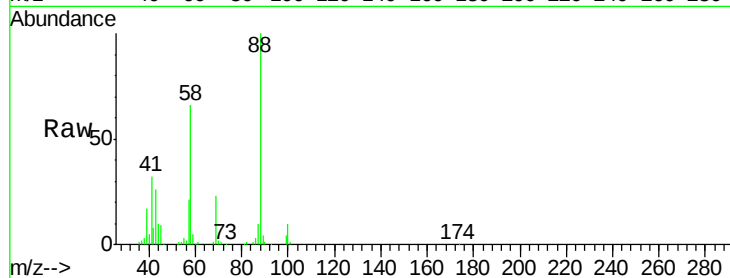




#45
 1,4-Dioxane
 Concen: 339.00 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

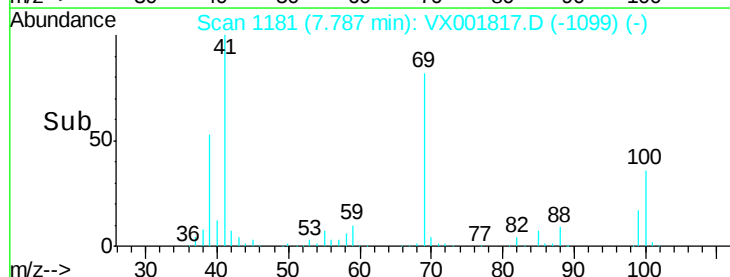
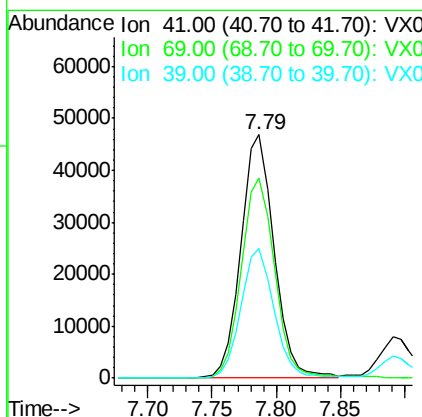
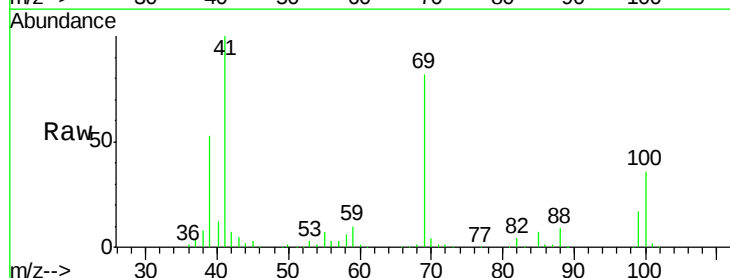
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

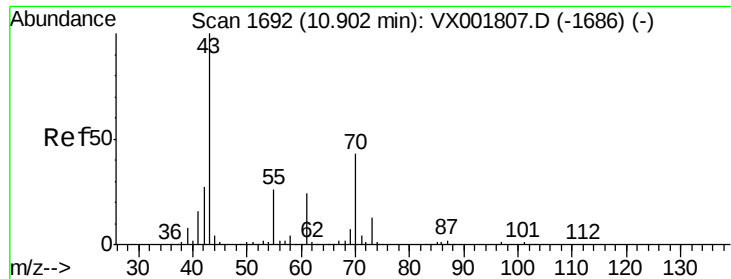
Tot Ion	88	Resp	38298
Ion	Ratio	Lower	Upper
88	100		
43	30.3	25.0	37.6
58	72.0	56.9	85.3



#46
 Methyl methacrylate
 Concen: 17.06 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion	41	Resp	82912
Ion	Ratio	Lower	Upper
41	100		
69	82.2	40.9	122.7
39	53.2	25.3	75.9

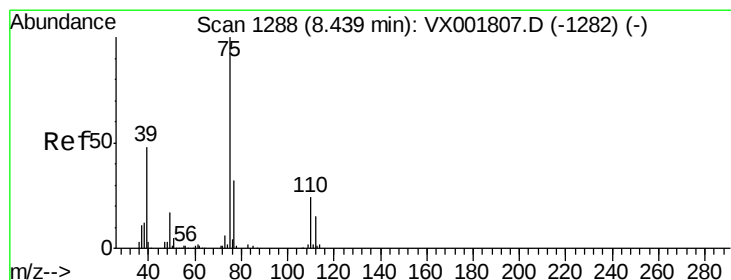
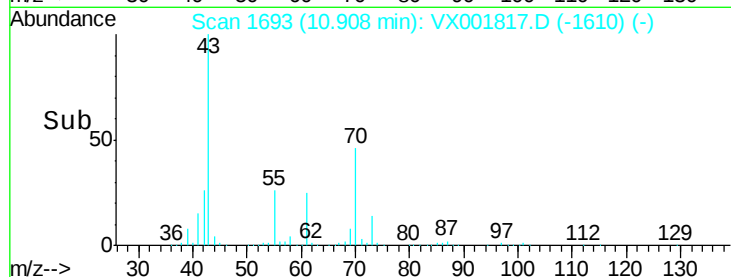
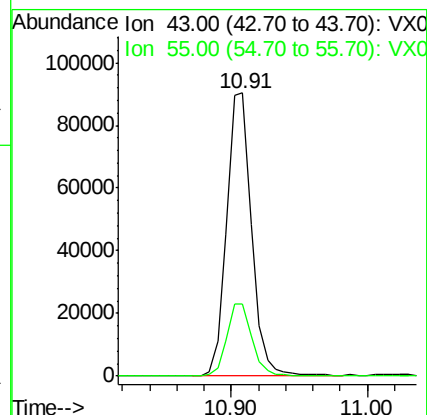
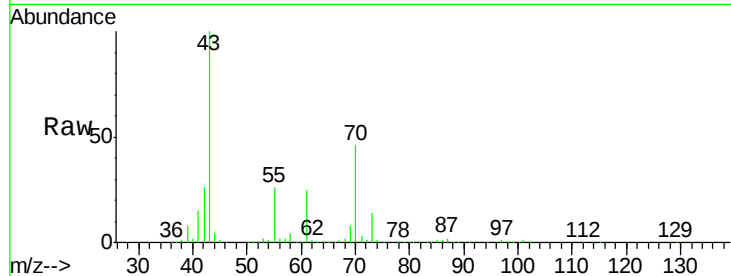




#47
n-amvl Acetate
Concen: 17.91 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

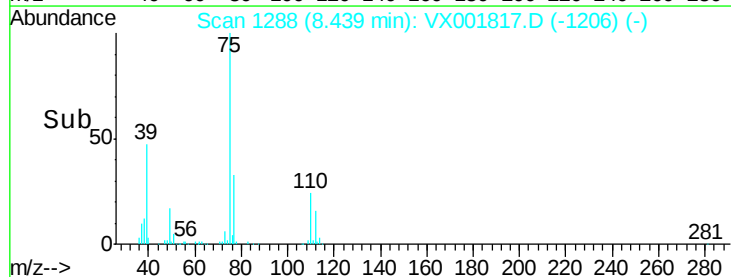
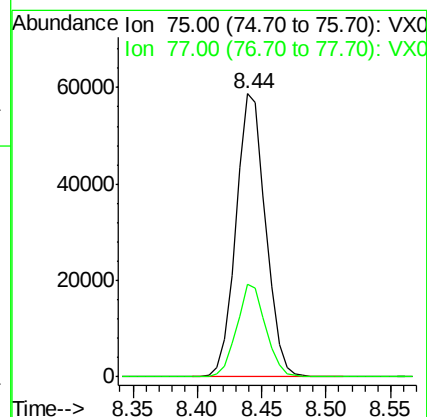
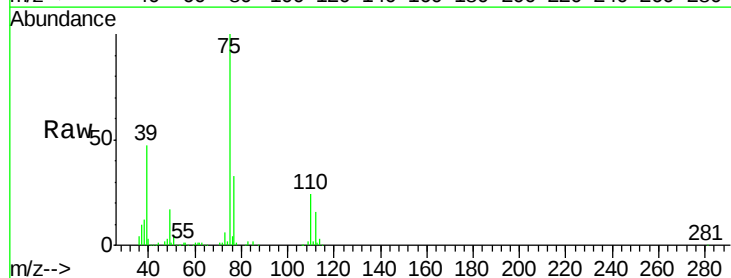
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

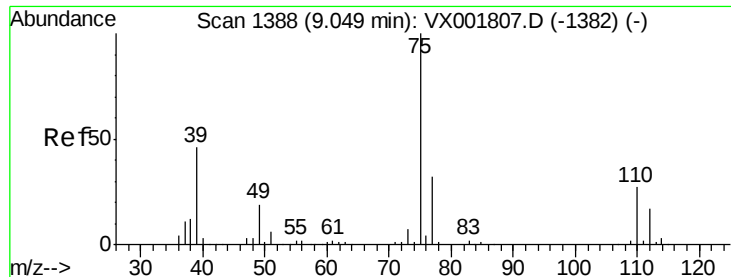
Tot Ion: 43 Resp: 114532
Ion Ratio Lower Upper
43 100
55 26.3 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 17.94 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 75 Resp: 94047
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4

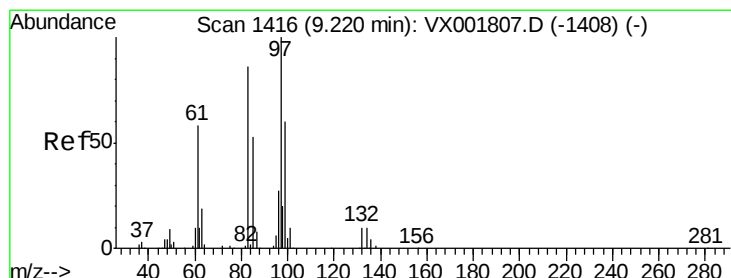
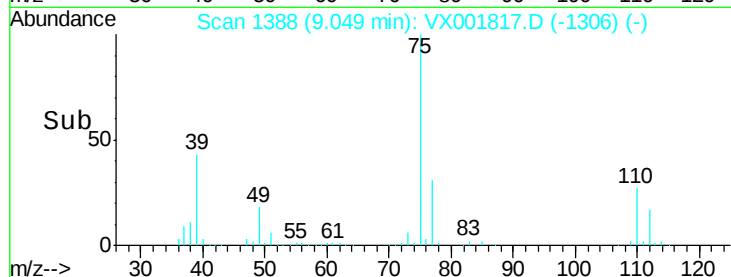
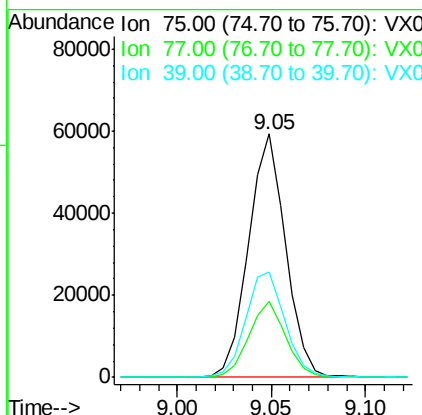
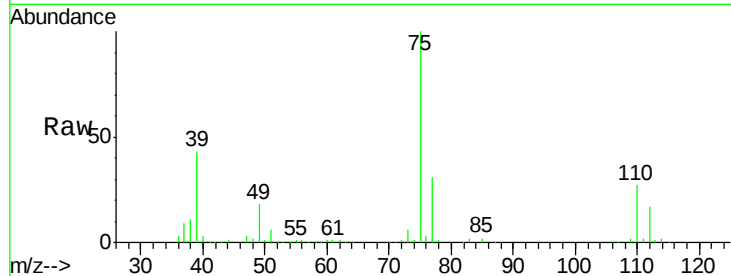




#49
 cis-1,3-Dichloropropene
 Concen: 17.60 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

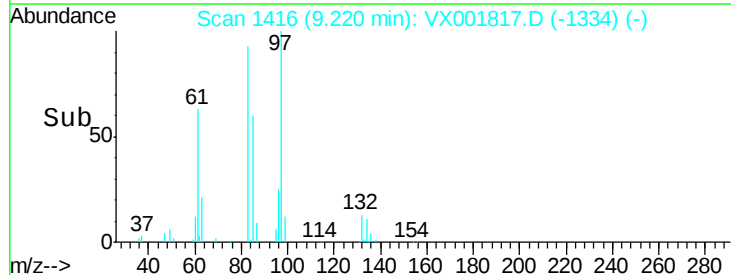
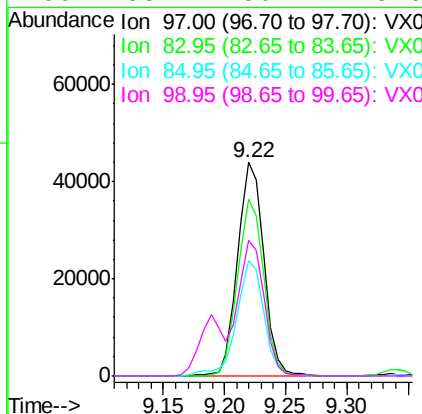
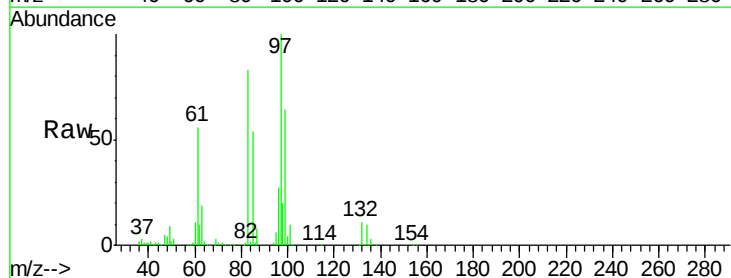
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

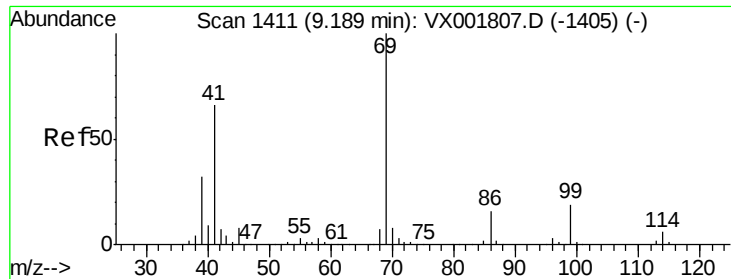
Tot Ion: 75 Resp: 80723
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 43.0 37.0 55.4



#50
 1,1,2-Trichloroethane
 Concen: 16.72 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion: 97 Resp: 64948
 Ion Ratio Lower Upper
 97 100
 83 82.7 68.6 103.0
 85 53.8 42.5 63.7
 99 63.7 50.4 75.6





#51

Ethyl methacrylate

Concen: 17.17 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

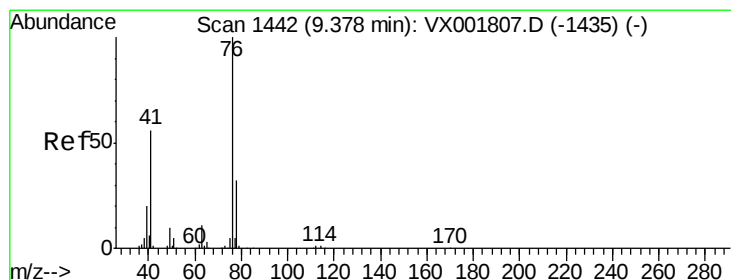
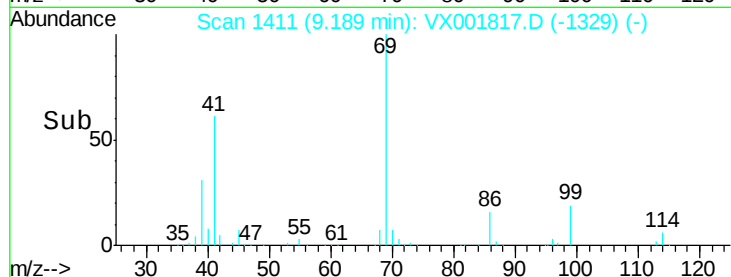
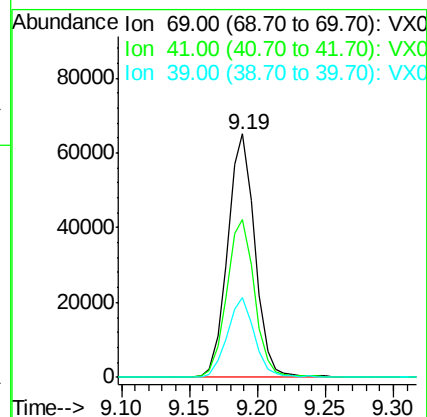
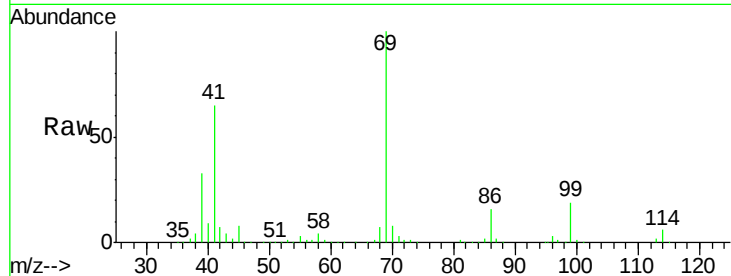
Tot Ion: 69 Resp: 90646

Ion Ratio Lower Upper

69 100

41 64.8 32.9 98.7

39 32.6 16.1 48.2



#52

1,3-Dichloropropane

Concen: 19.77 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001817.D

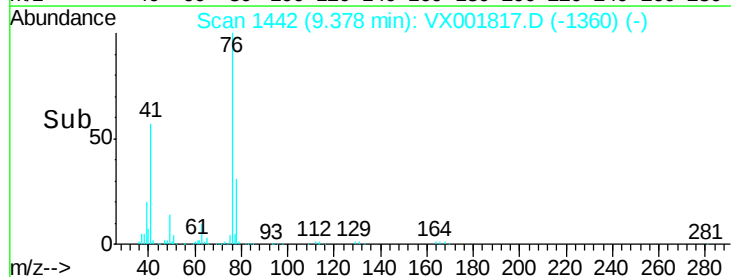
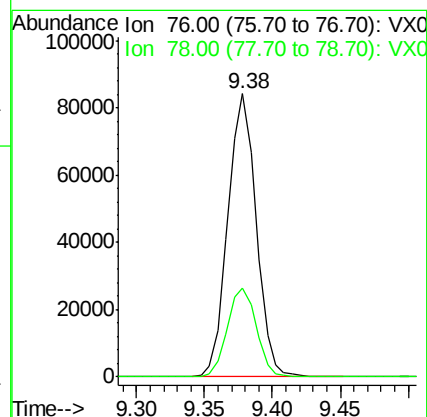
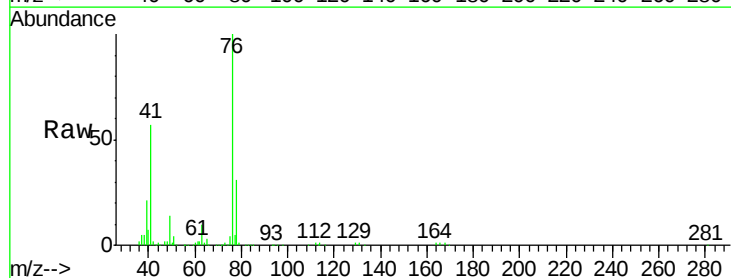
Acq: 18 May 2018 09:34

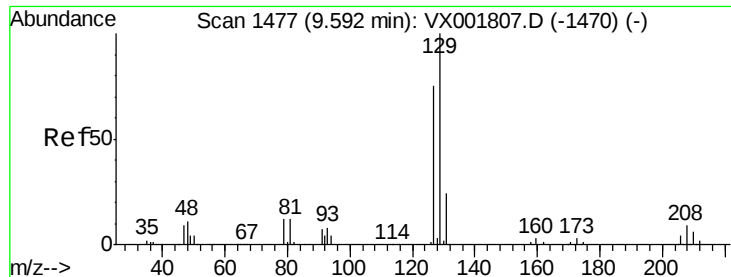
Tgt Ion: 76 Resp: 121817

Ion Ratio Lower Upper

76 100

78 32.4 0.0 63.6





#53

Dibromochloromethane

Concen: 17.57 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

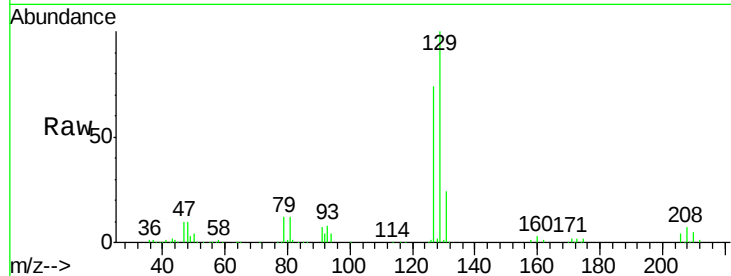
VX0518WBSD01

Tot Ion:129 Resp: 66358

Ion Ratio Lower Upper

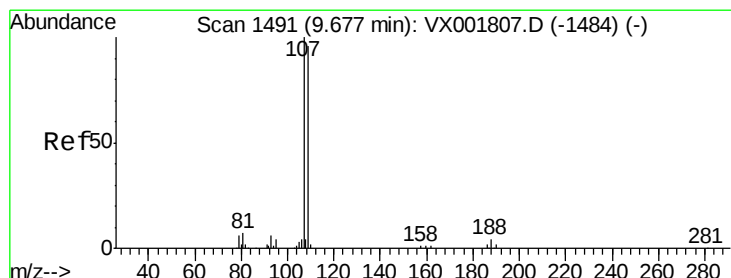
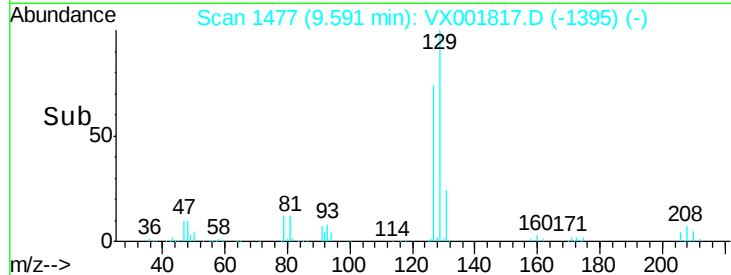
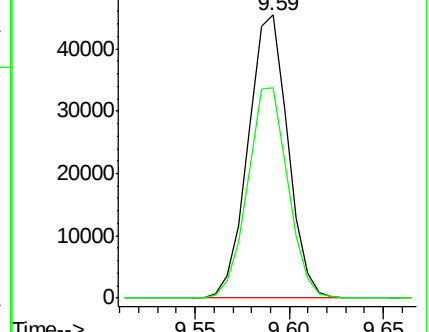
129 100

127 75.5 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.23 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001817.D

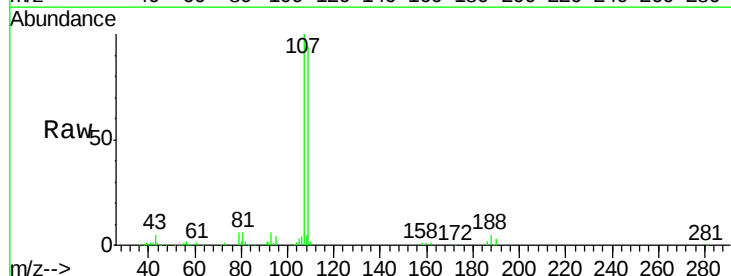
Acq: 18 May 2018 09:34

Tgt Ion:107 Resp: 67841

Ion Ratio Lower Upper

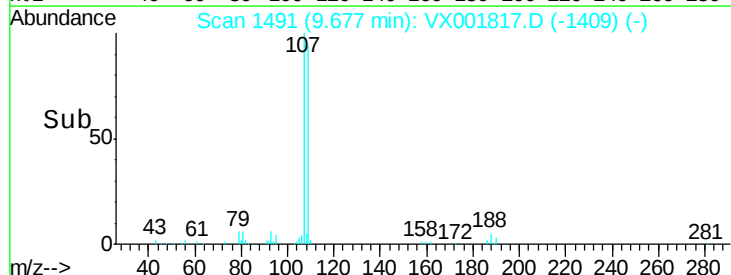
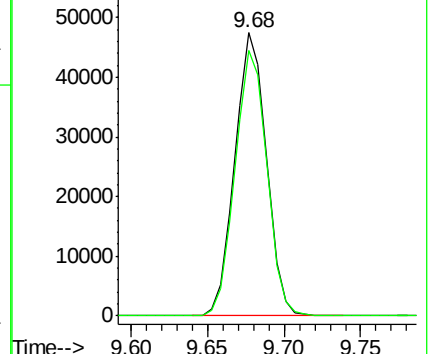
107 100

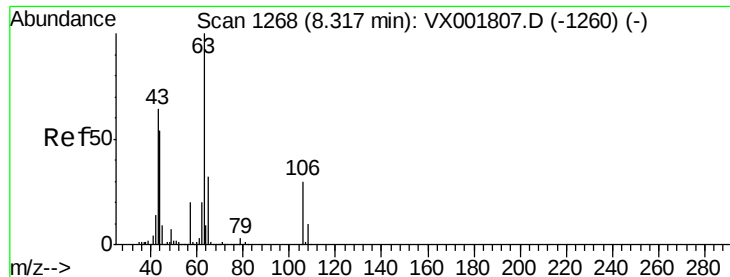
109 93.8 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

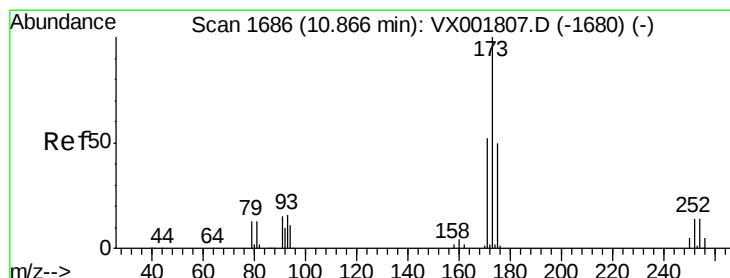
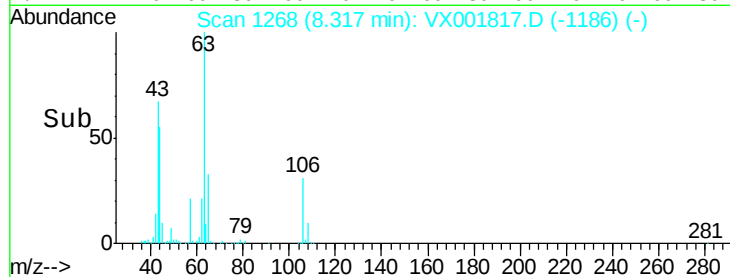
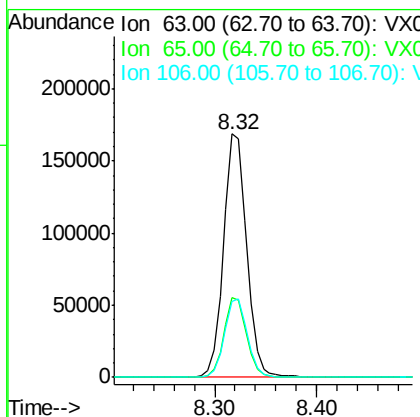
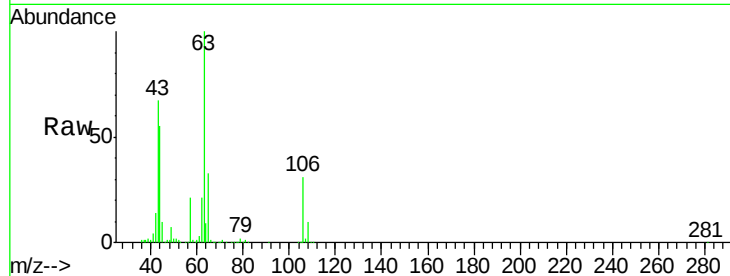




#55
2-Chloroethyl vinyl ether
Concen: 86.02 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

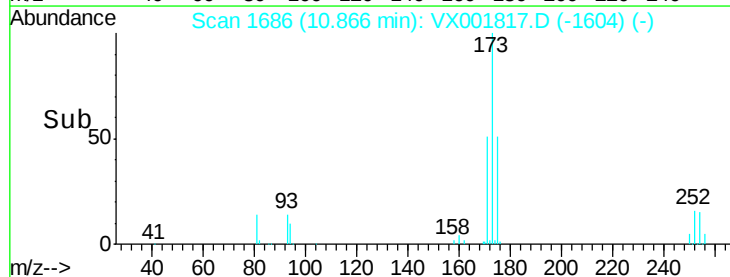
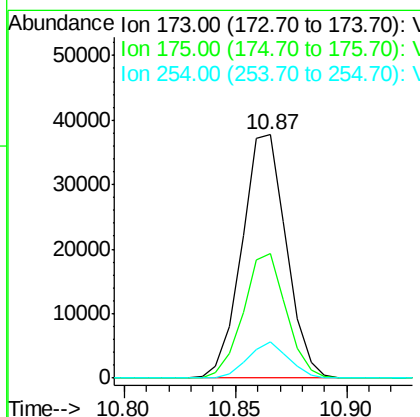
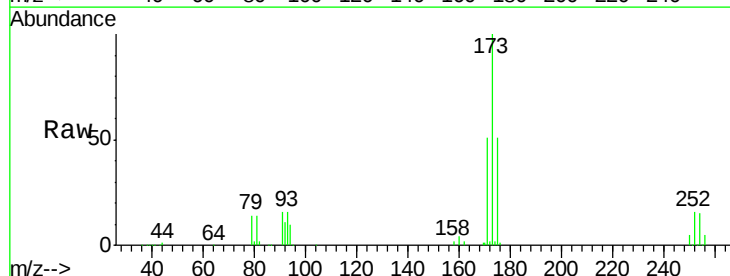
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

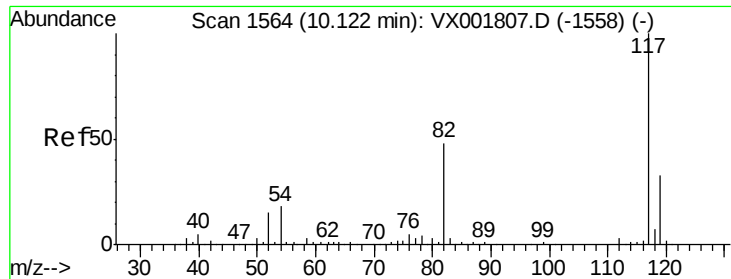
Tot Ion: 63 Resp: 265304
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2
106 31.6 24.9 37.3



#56
Bromoform
Concen: 17.01 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion:173 Resp: 52497
Ion Ratio Lower Upper
173 100
175 49.7 38.8 58.2
254 13.6 10.7 16.1

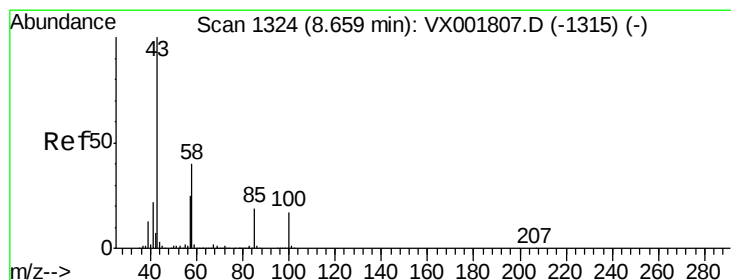
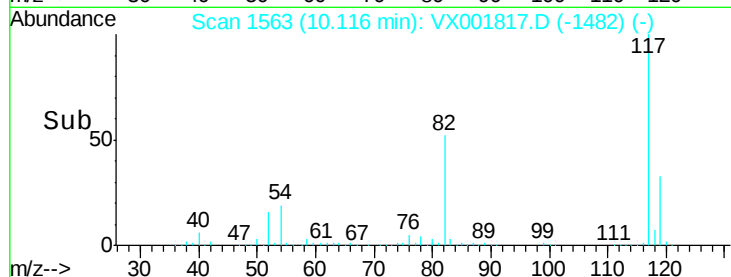
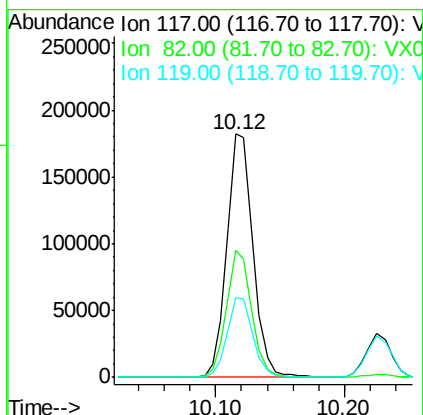
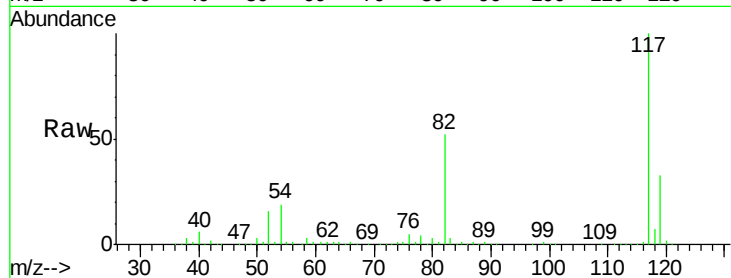




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

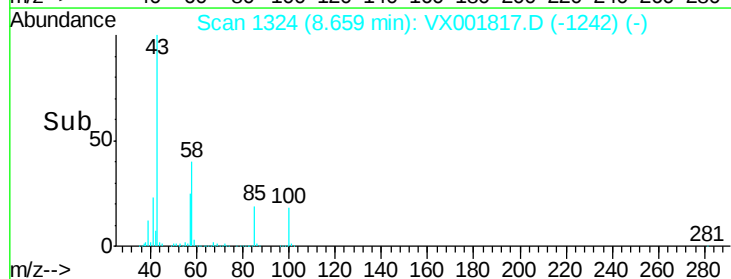
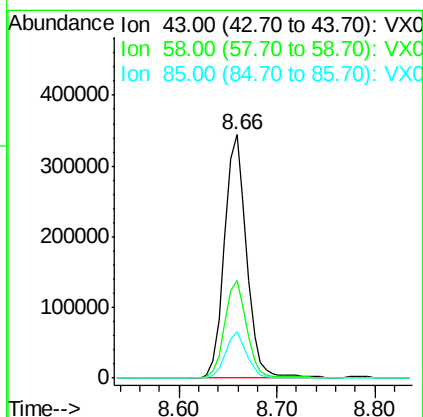
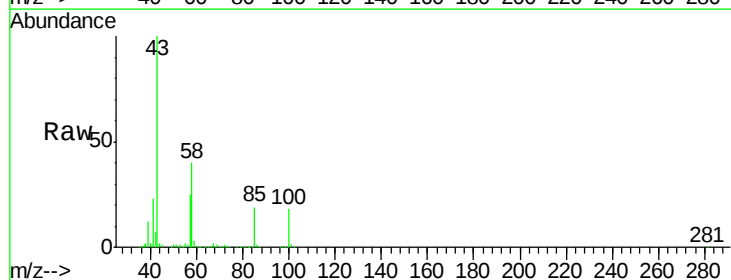
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

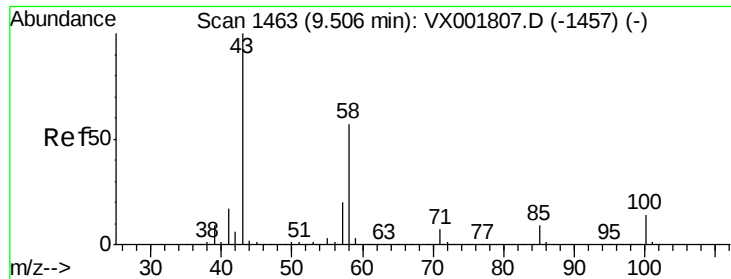
Tot Ion:117 Resp: 261351
Ion Ratio Lower Upper
117 100
82 50.2 40.1 60.1
119 32.3 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 83.01 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 43 Resp: 542307
Ion Ratio Lower Upper
43 100
58 39.3 31.3 46.9
85 18.4 14.5 21.7

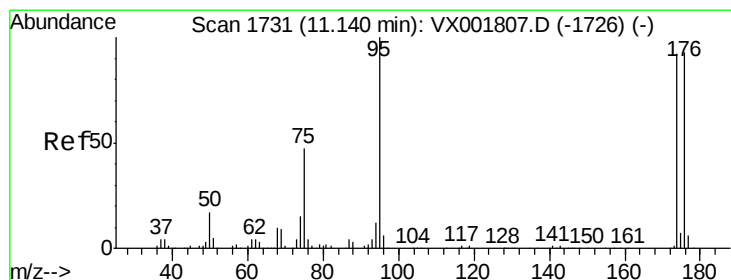
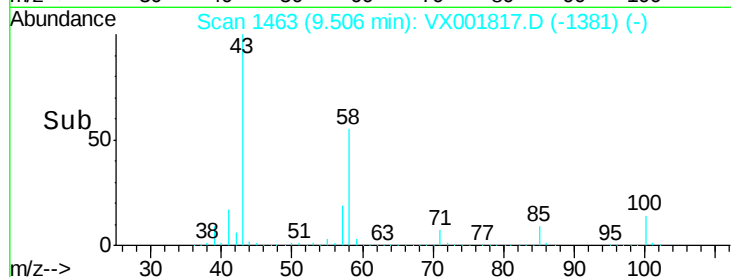
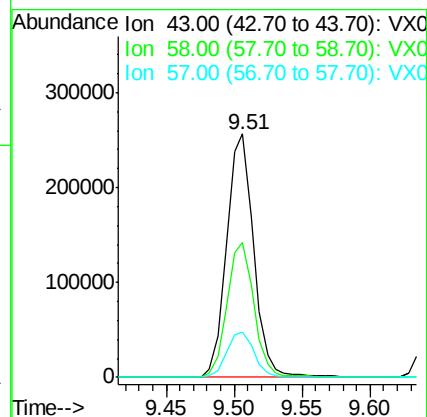
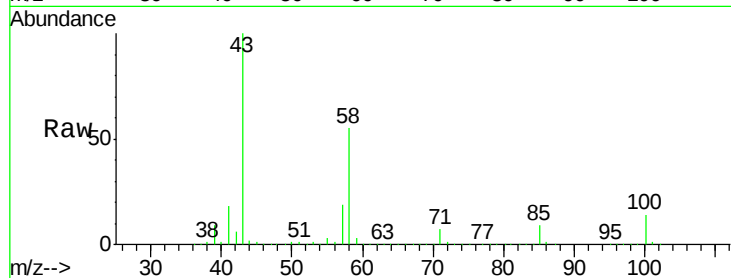




#59
2-Hexanone
Concen: 82.35 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

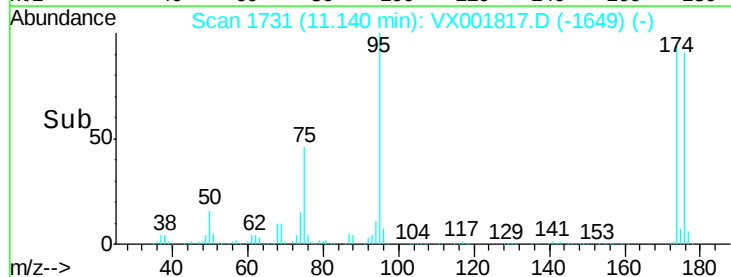
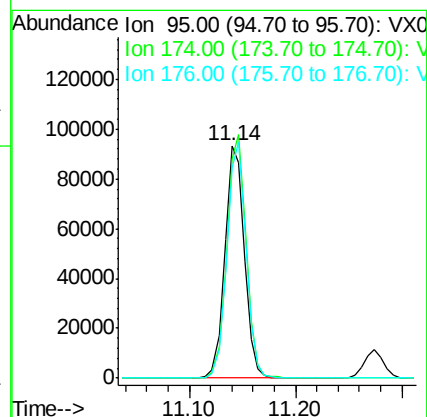
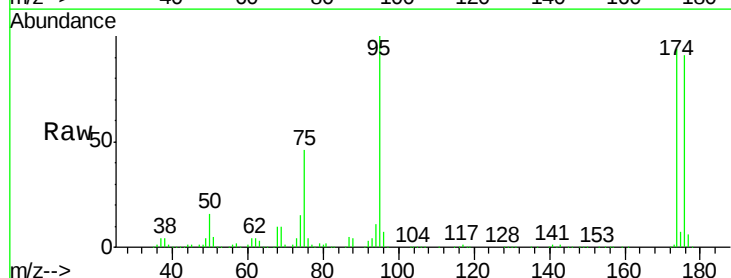
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

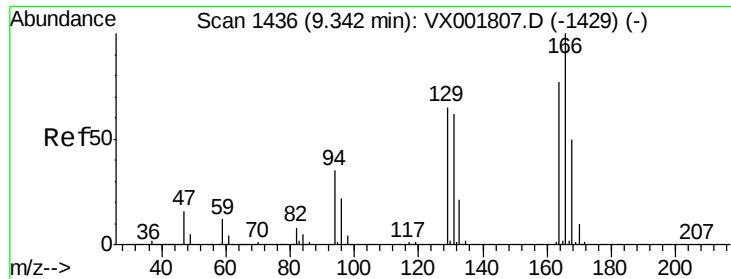
Tot Ion: 43 Resp: 352911
Ion Ratio Lower Upper
43 100
58 55.6 44.6 66.8
57 19.0 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 30.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 95 Resp: 119134
Ion Ratio Lower Upper
95 100
174 103.6 82.0 123.0
176 99.5 80.6 120.8

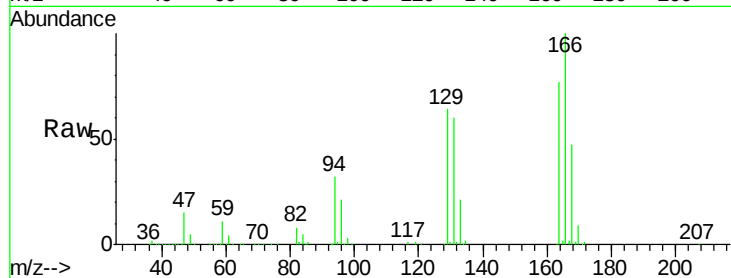




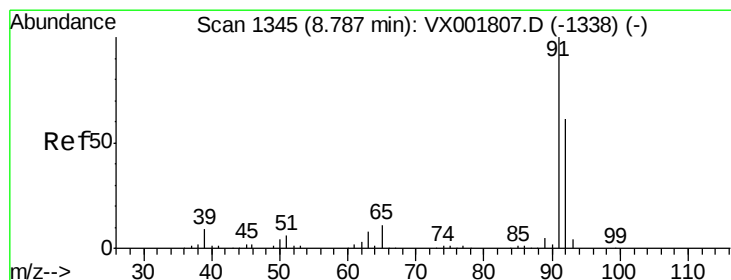
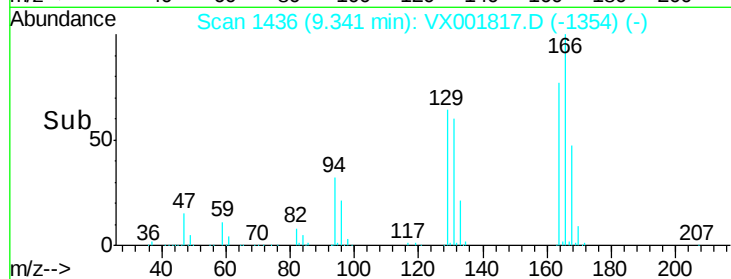
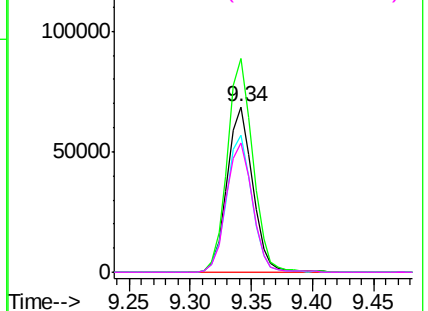
#61
Tetrachloroethene
Concen: 25.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

Tot Ion:164 Resp: 99107
Ion Ratio Lower Upper
164 100
166 129.4 104.1 156.1
129 82.9 67.8 101.8
131 78.0 64.6 97.0

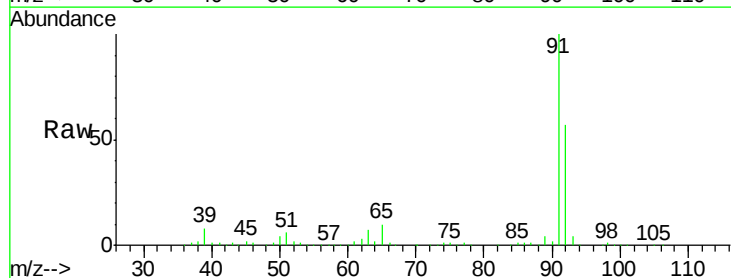


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

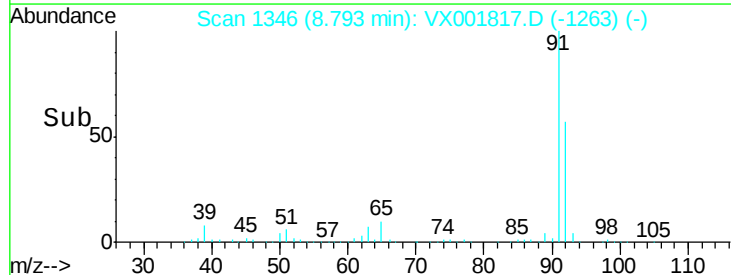
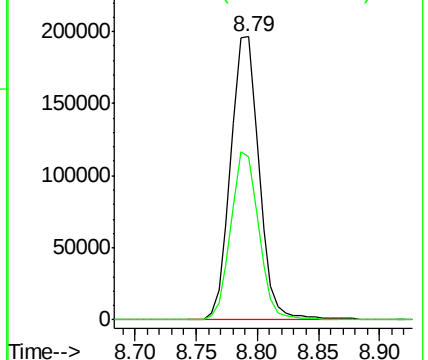


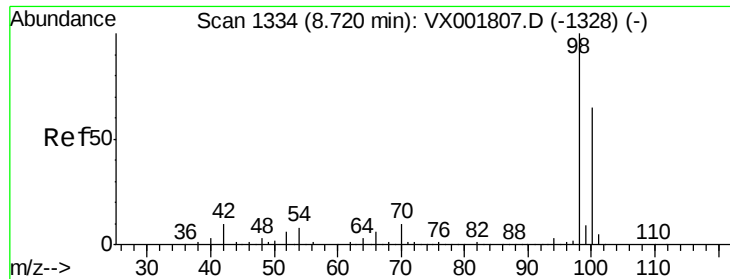
#62
Toluene
Concen: 20.92 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 91 Resp: 315729
Ion Ratio Lower Upper
91 100
92 58.7 47.8 71.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.34 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

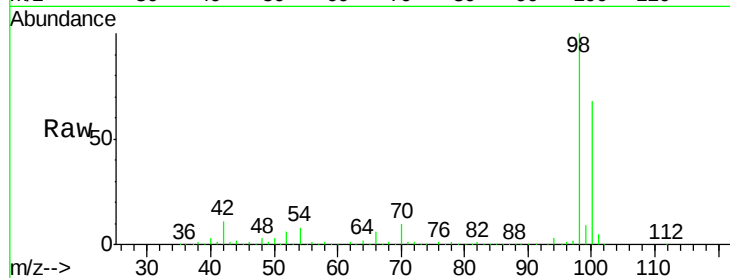
VX0518WBSD01

Tot Ion: 98 Resp: 400771

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

250000

200000

150000

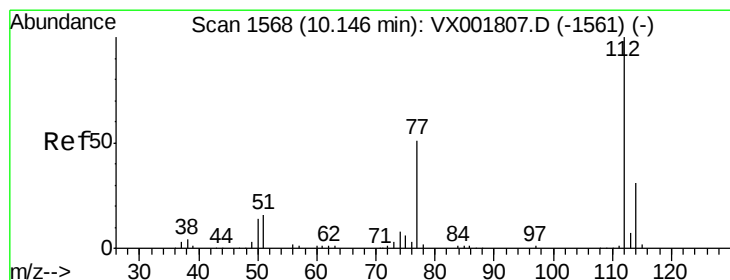
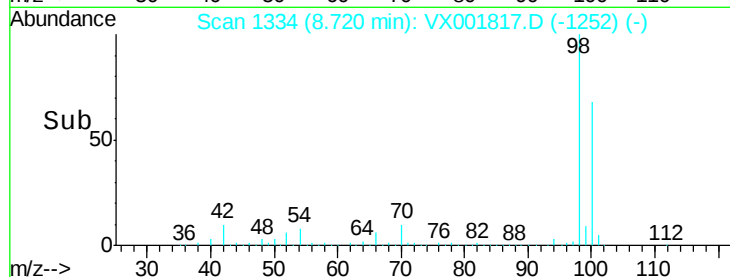
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#64

Chlorobenzene

Concen: 20.23 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001817.D

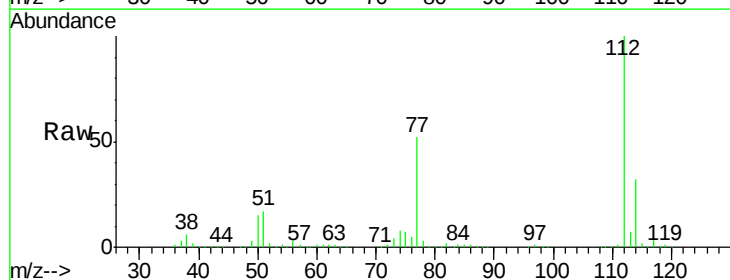
Acq: 18 May 2018 09:34

Tgt Ion: 112 Resp: 178812

Ion Ratio Lower Upper

112 100

114 32.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

10.15

150000

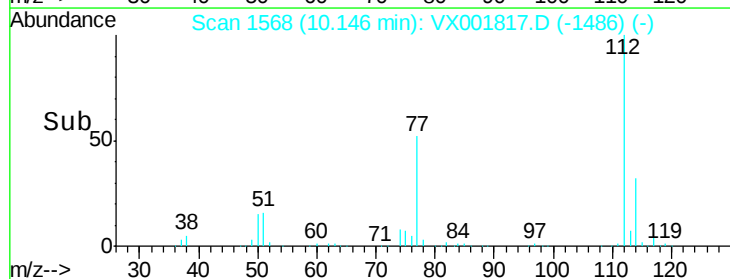
100000

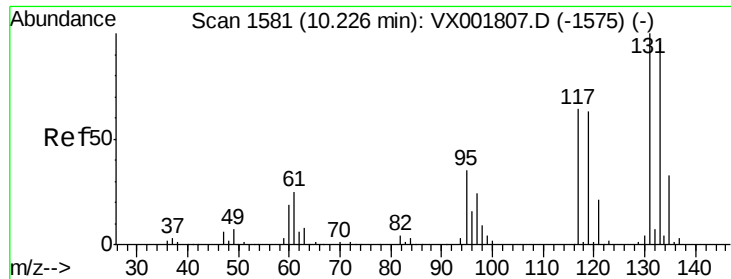
50000

0

Time-->

10.10 10.15 10.20





#65

1,1,1,2-Tetrachloroethane

Concen: 18.69 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

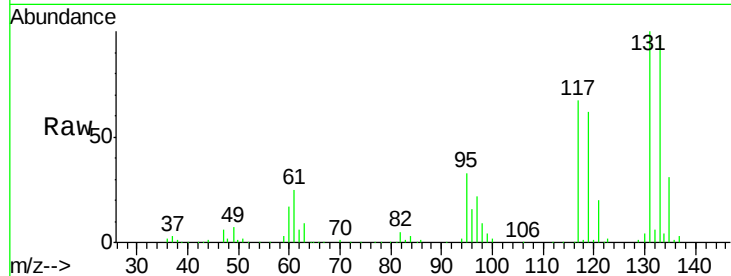
Tot Ion:131 Resp: 66662

Ion Ratio Lower Upper

131 100

133 94.7 0.0 192.2

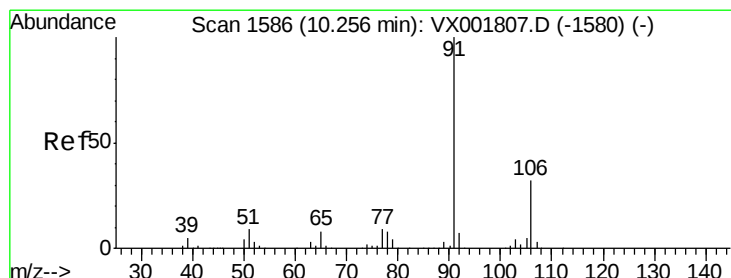
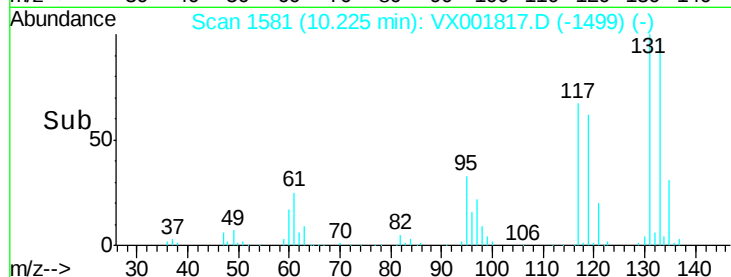
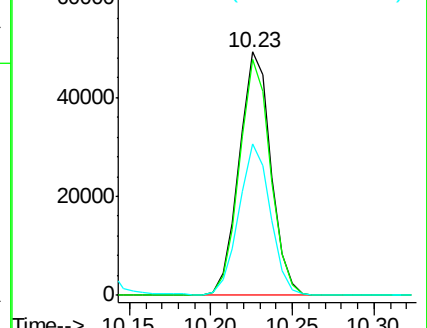
119 62.1 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 23.04 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001817.D

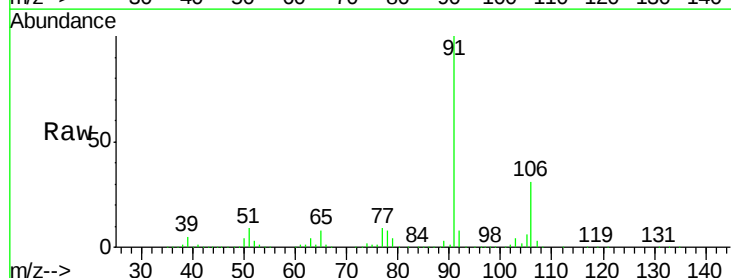
Acq: 18 May 2018 09:34

Tgt Ion: 91 Resp: 289026

Ion Ratio Lower Upper

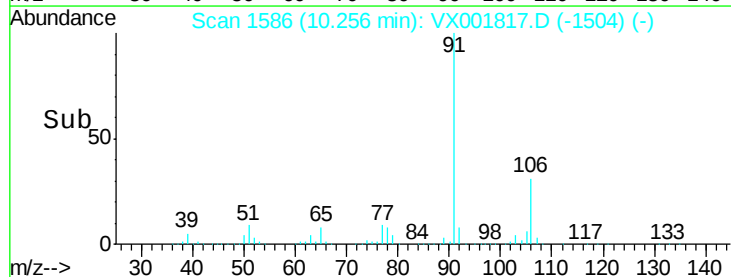
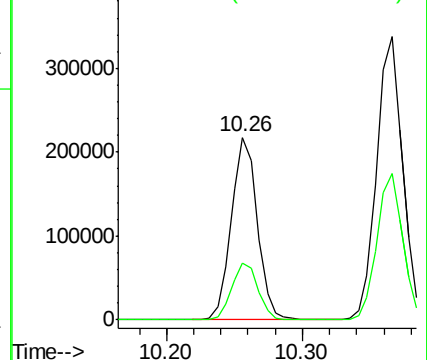
91 100

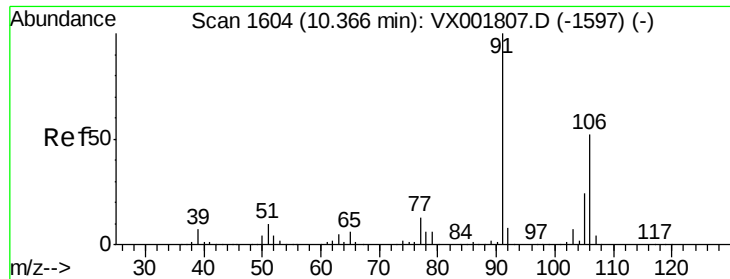
106 31.4 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

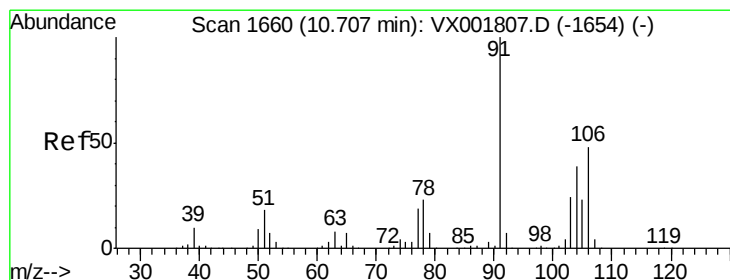
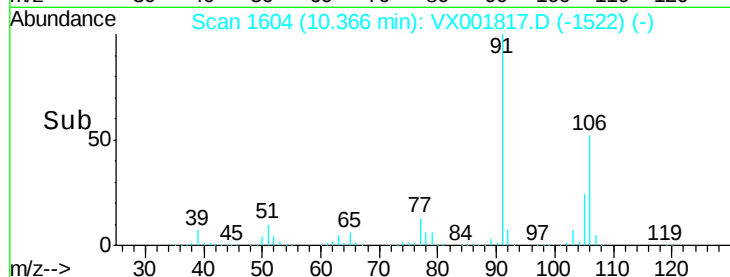
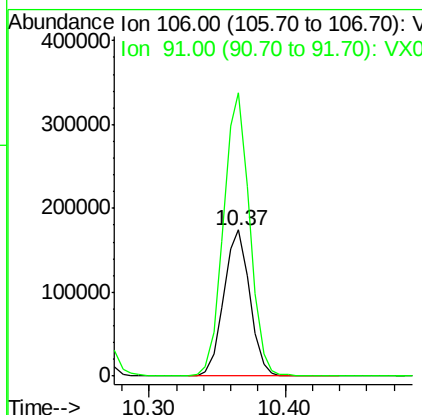
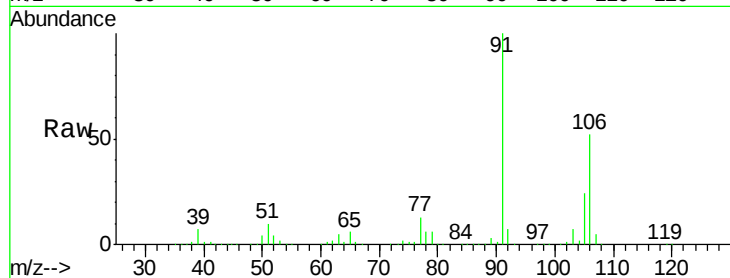




#67
m/p-Xylenes
Concen: 46.03 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

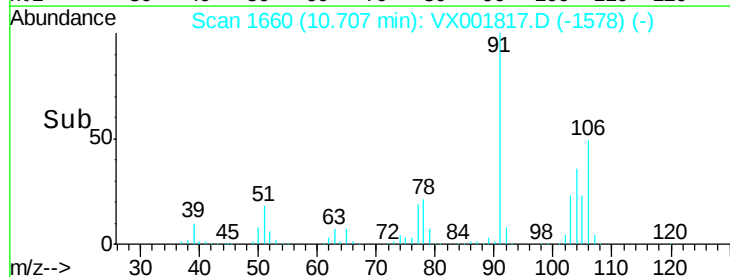
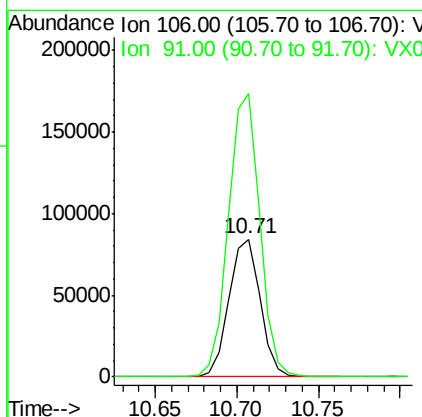
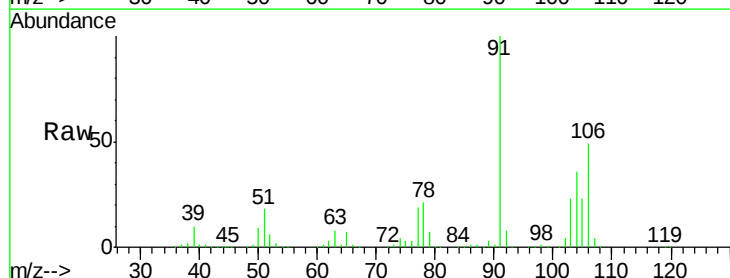
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

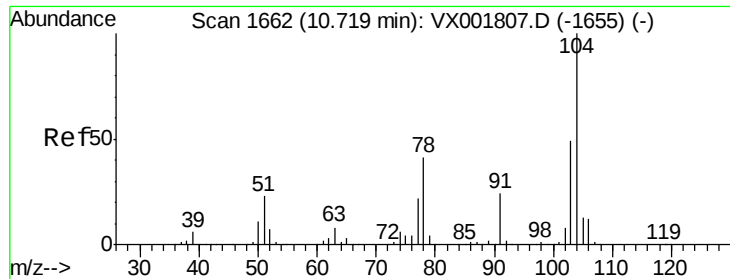
Tot Ion:106 Resp: 230843
Ion Ratio Lower Upper
106 100
91 194.3 154.7 232.1



#68
o-Xylene
Concen: 21.84 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion:106 Resp: 112748
Ion Ratio Lower Upper
106 100
91 205.1 104.3 312.8





#69

Stvrene

Concen: 21.25 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

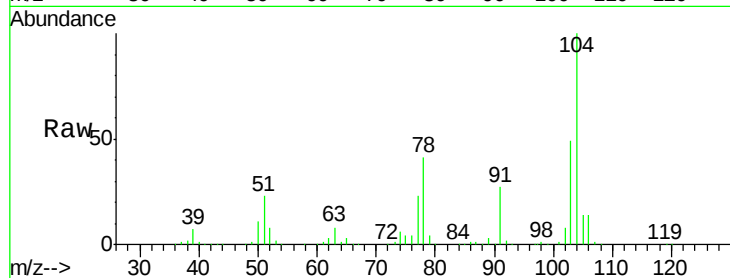
Tot Ion:104 Resp: 182860

Ion Ratio Lower Upper

104 100

78 46.5 37.0 55.6

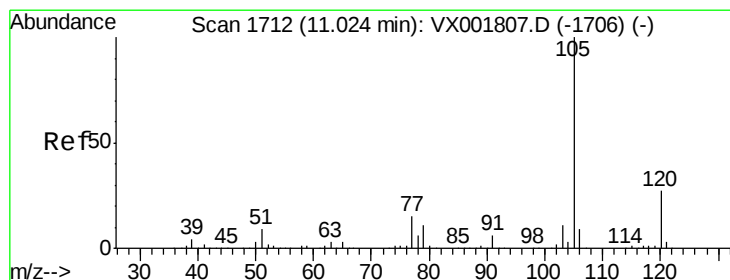
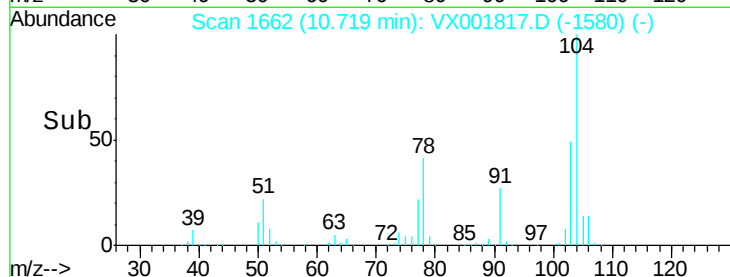
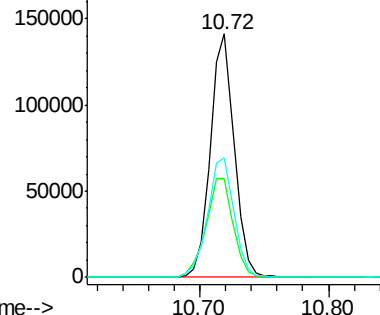
103 54.5 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 24.78 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001817.D

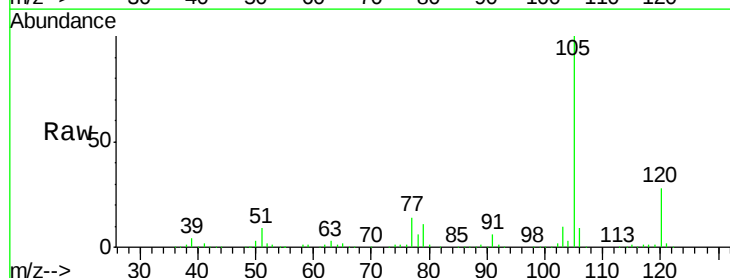
Acq: 18 May 2018 09:34

Tgt Ion:105 Resp: 300057

Ion Ratio Lower Upper

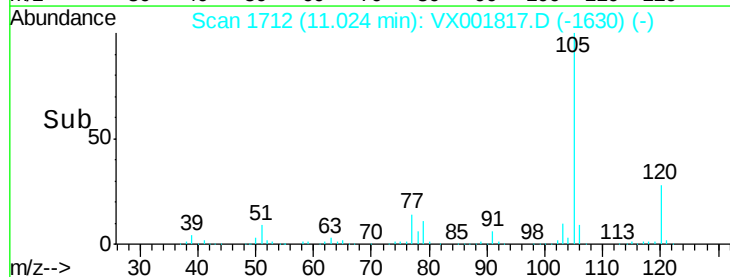
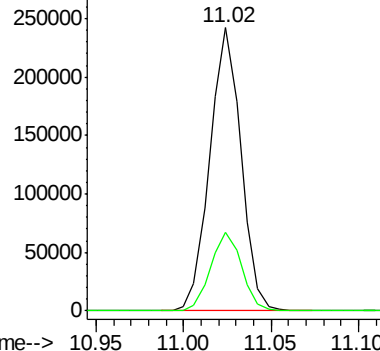
105 100

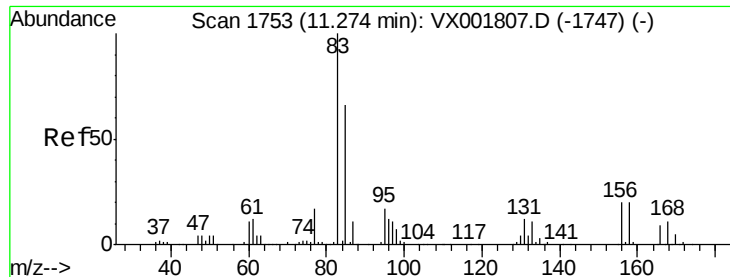
120 27.5 19.3 35.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

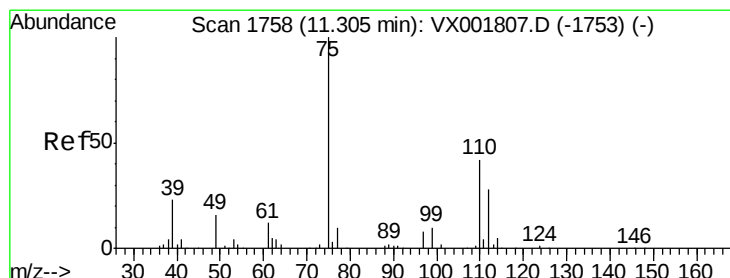
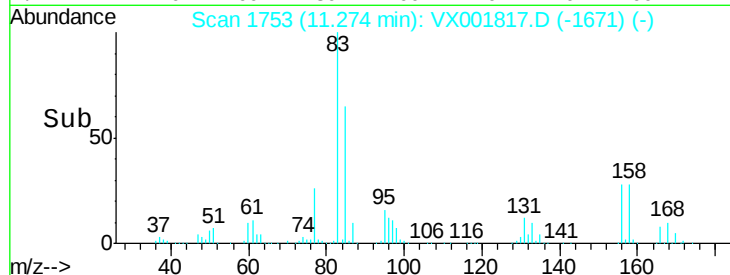
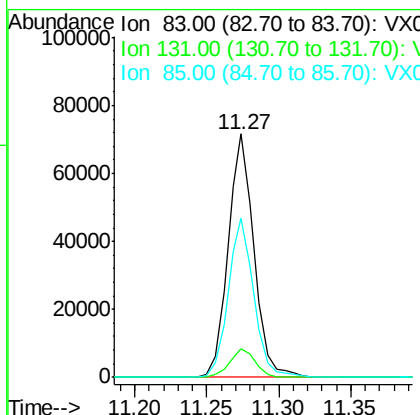
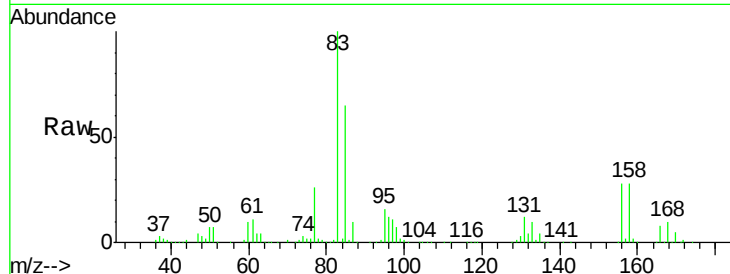




#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.46 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

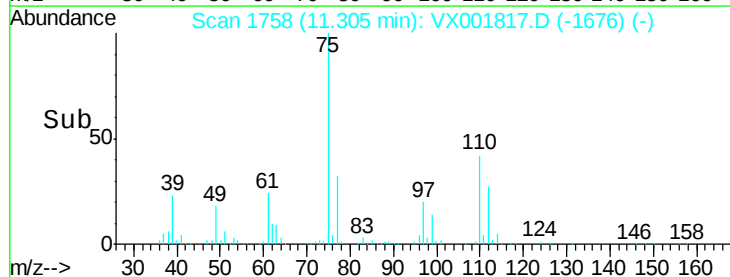
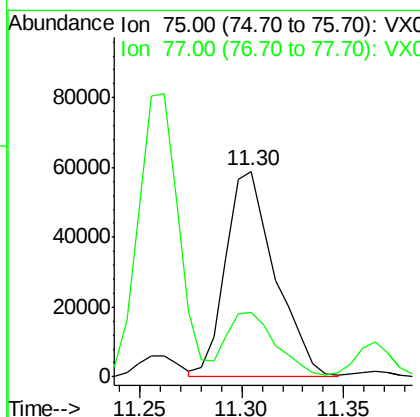
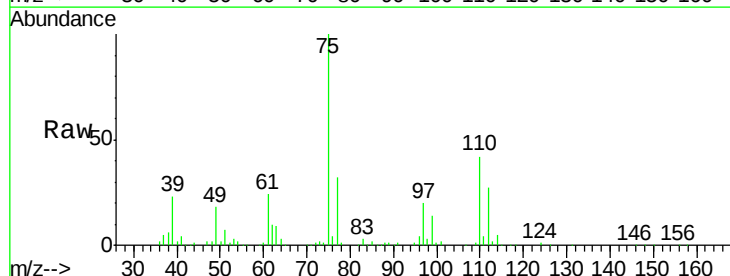
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

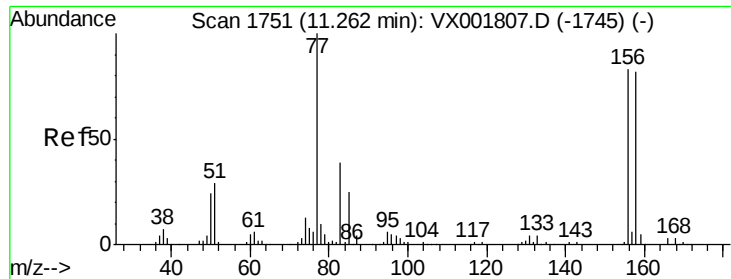
Tot Ion	83	Resp	90610
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.3
85	64.7	32.3	96.9



#72
 1,2,3-Trichloropropane
 Concen: 18.84 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion	75	Resp	98661
Ion Ratio	Lower	Upper	
75	100		
77	31.1	0.0	74.6

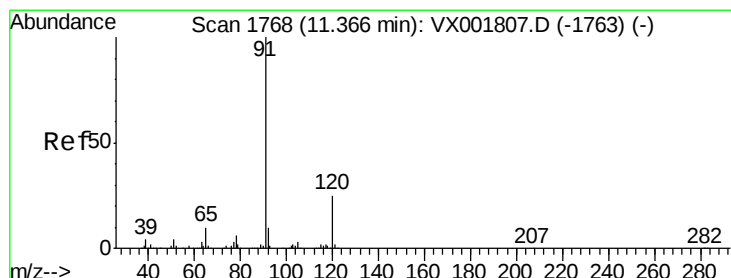
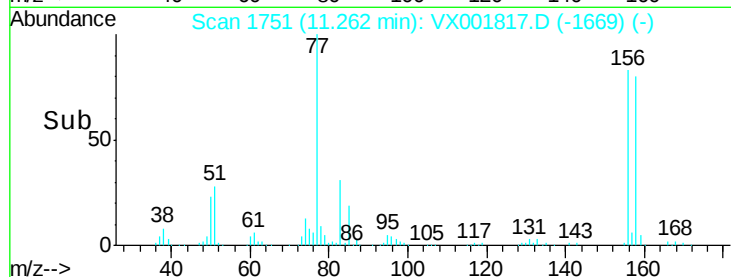
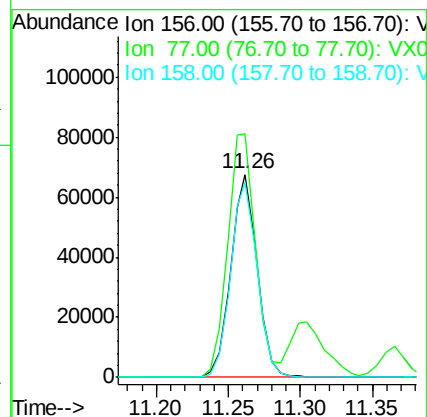
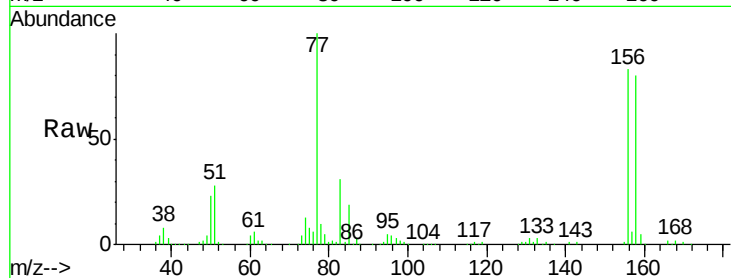




#73
Bromobenzene
Concen: 20.23 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

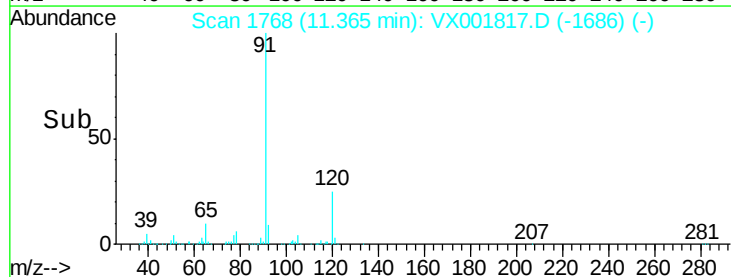
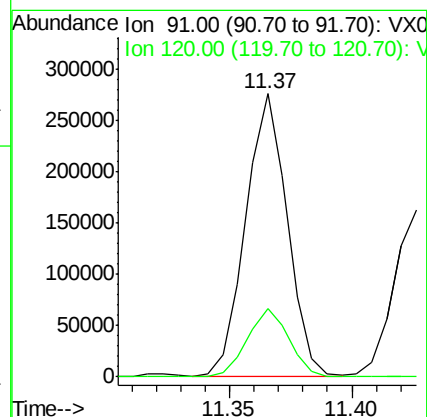
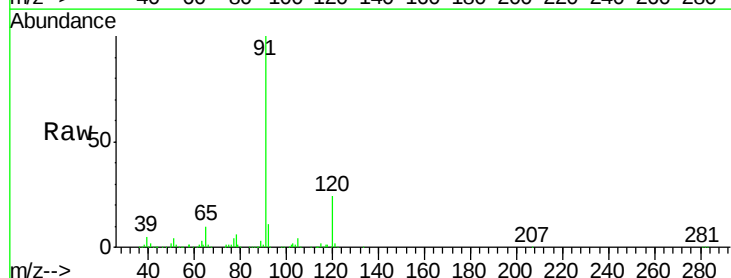
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

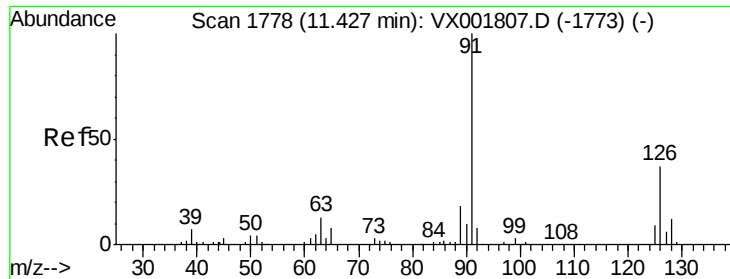
Tot Ion:156 Resp: 86855
Ion Ratio Lower Upper
156 100
77 128.7 0.0 261.8
158 97.3 0.0 198.2



#74
n-propylbenzene
Concen: 26.05 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 91 Resp: 328318
Ion Ratio Lower Upper
91 100
120 24.1 0.0 49.2





#75

2-Chlorotoluene

Concen: 22.91 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

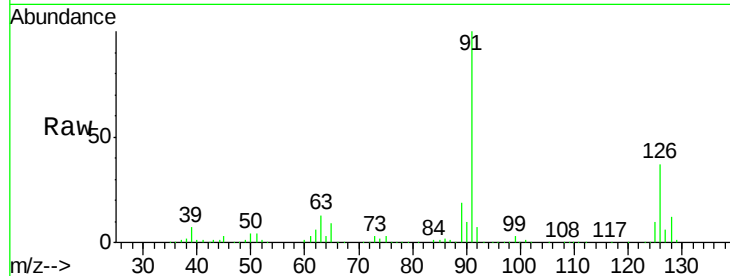
VX0518WBSD01

Tot Ion: 91 Resp: 198862

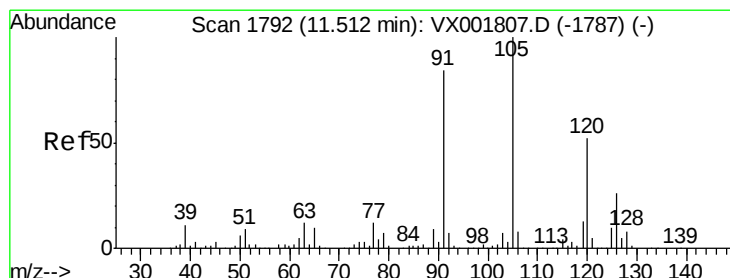
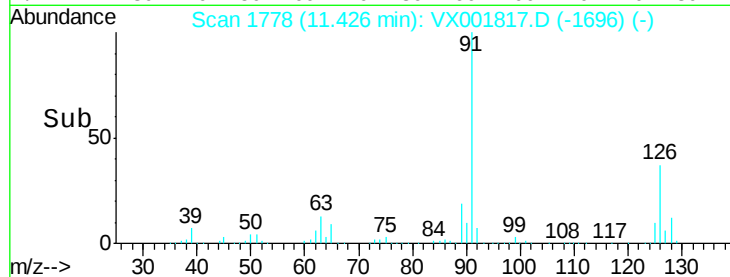
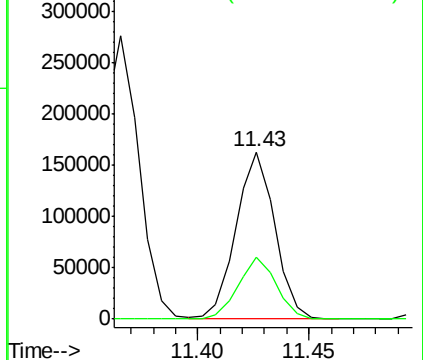
Ion Ratio Lower Upper

91 100

126 36.7 0.0 72.0



Abundance Ion 91.00 (90.70 to 91.70): VX001807.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 24.55 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001817.D

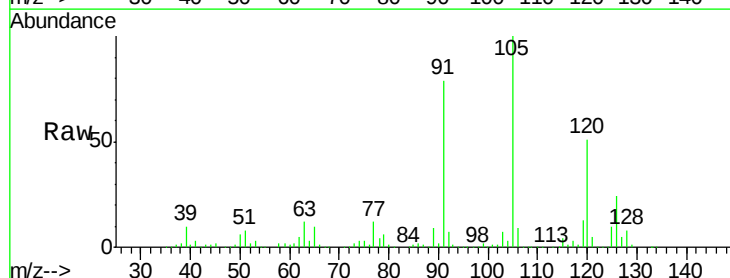
Acq: 18 May 2018 09:34

Tgt Ion: 105 Resp: 247239

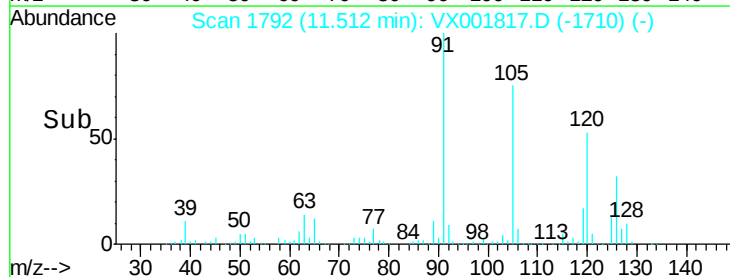
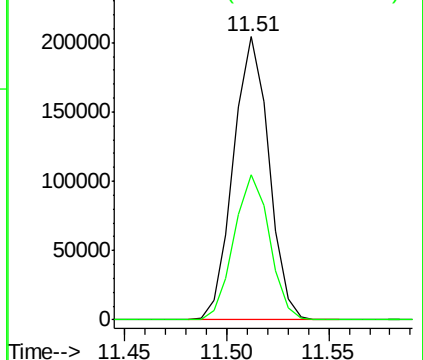
Ion Ratio Lower Upper

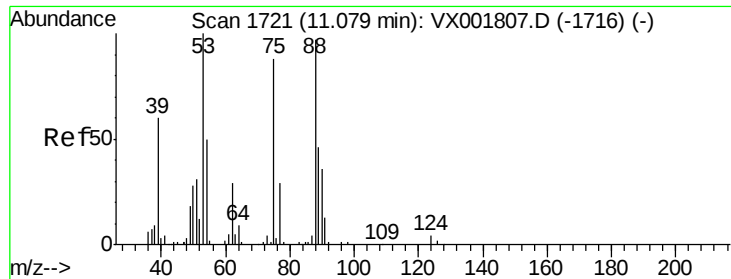
105 100

120 51.5 0.0 103.0



Abundance Ion 105.00 (104.70 to 105.70): VX001807.D (-1787) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 15.73 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

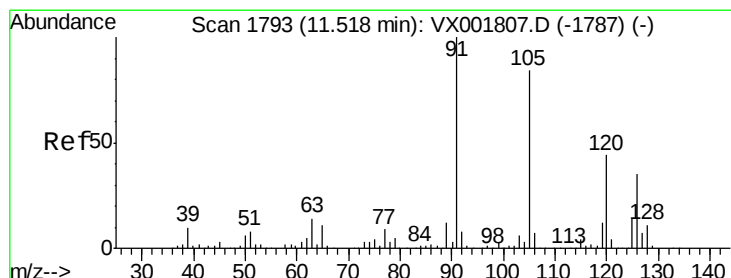
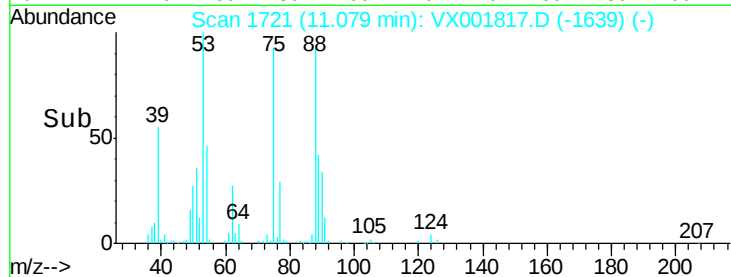
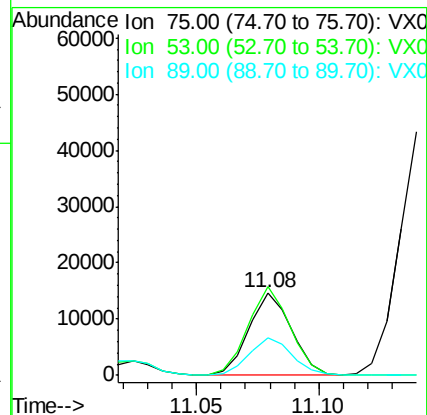
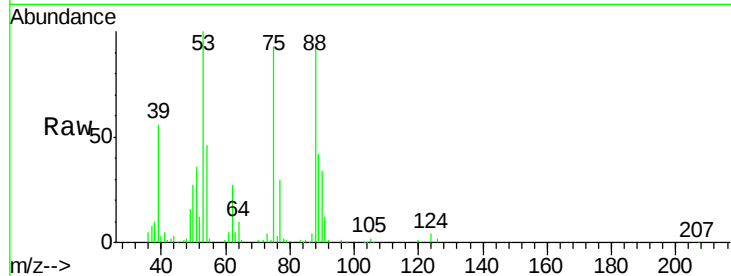
Tot Ion: 75 Resp: 17581

Ion Ratio Lower Upper

75 100

53 107.9 57.0 170.8

89 45.5 26.3 78.9



#78

4-Chlorotoluene

Concen: 23.52 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001817.D

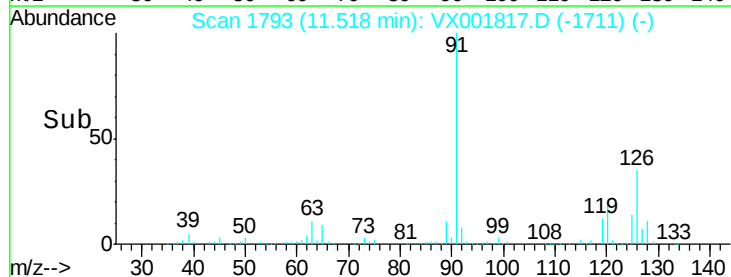
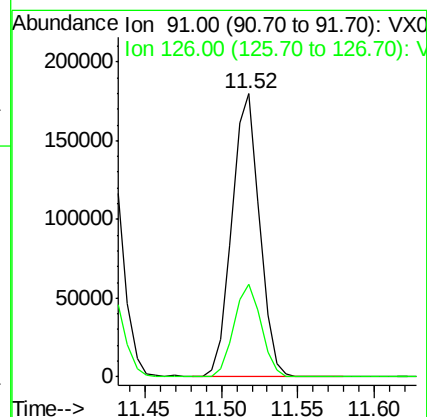
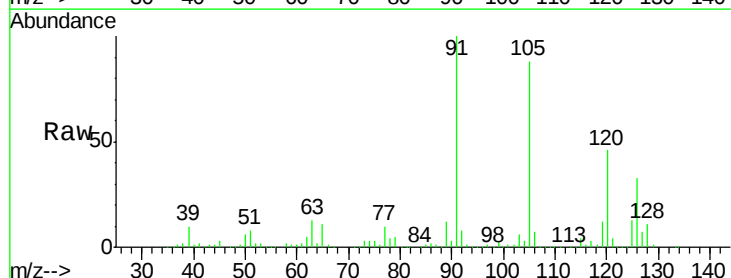
Acq: 18 May 2018 09:34

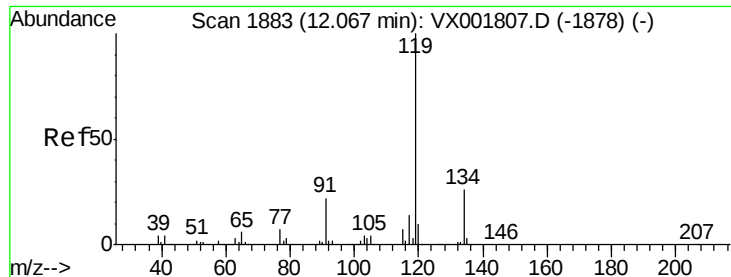
Tgt Ion: 91 Resp: 225233

Ion Ratio Lower Upper

91 100

126 32.3 0.0 64.8

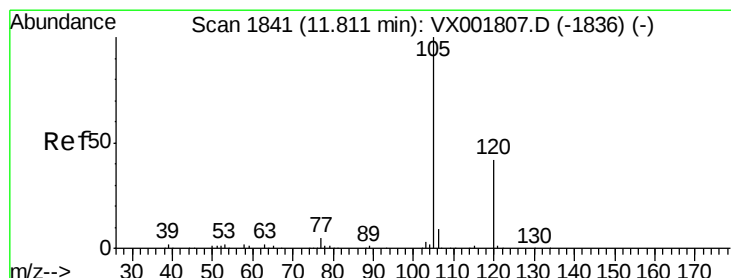
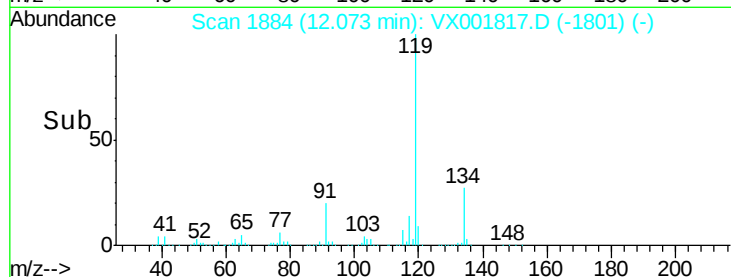
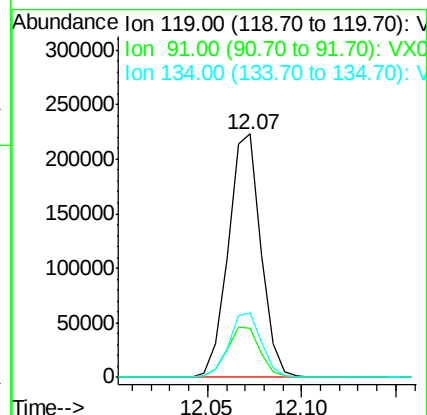
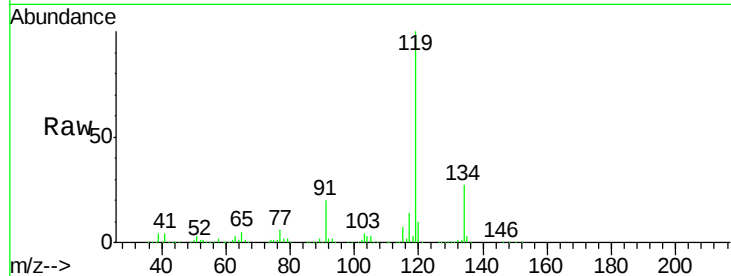




#79
tert-butylbenzene
Concen: 26.79 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

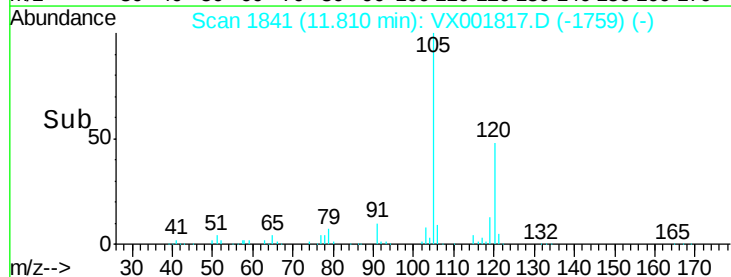
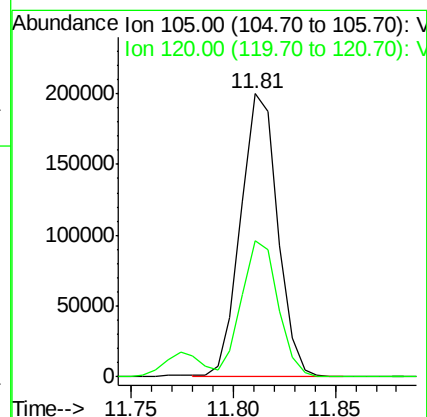
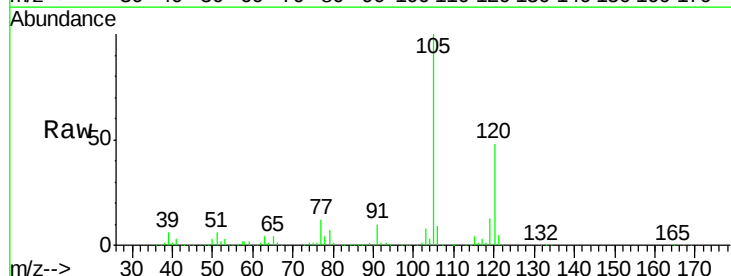
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

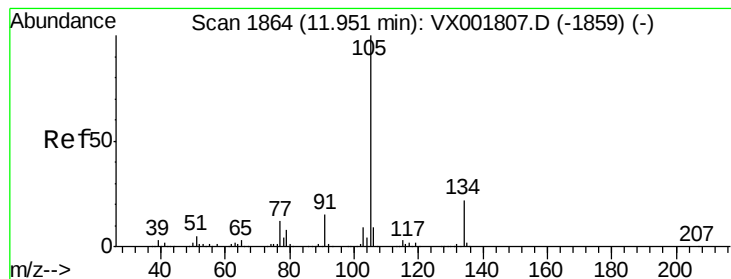
Tot Ion:119 Resp: 266272
Ion Ratio Lower Upper
119 100
91 21.0 0.0 43.2
134 26.6 0.0 54.6



#80
1,2,4-Trimethylbenzene
Concen: 24.14 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion:105 Resp: 251103
Ion Ratio Lower Upper
105 100
120 47.7 0.0 94.6





#81

sec-Butylbenzene

Concen: 26.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

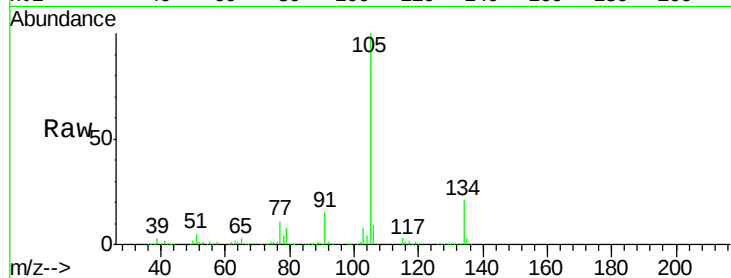
VX0518WBSD01

Tot Ion:105 Resp: 292520

Ion Ratio Lower Upper

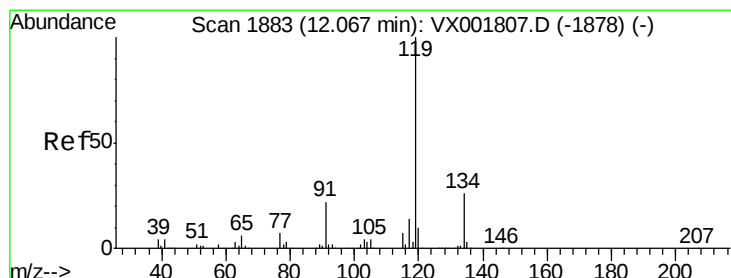
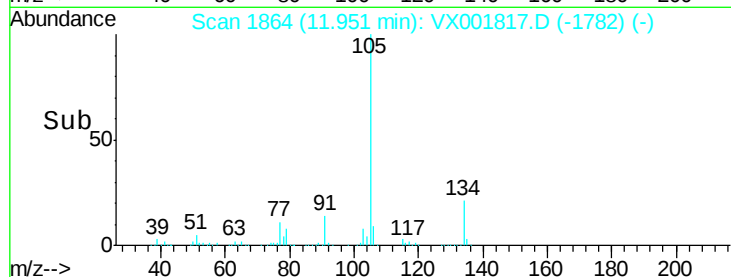
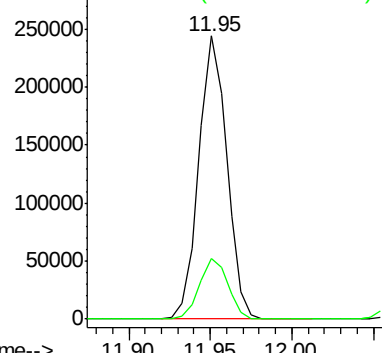
105 100

134 21.7 0.0 44.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 26.79 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

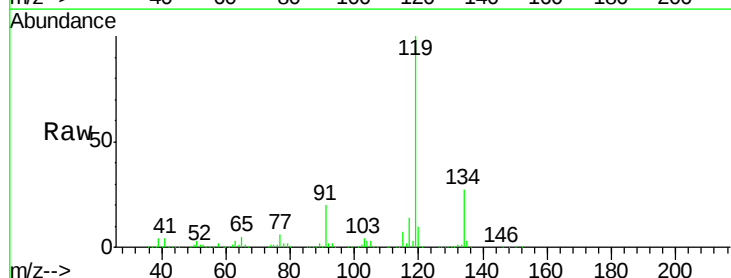
Tgt Ion:119 Resp: 266272

Ion Ratio Lower Upper

119 100

134 26.6 0.0 54.6

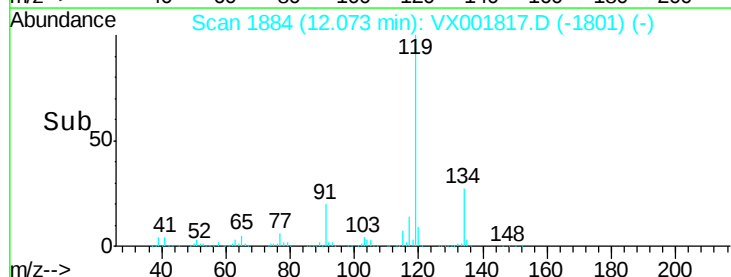
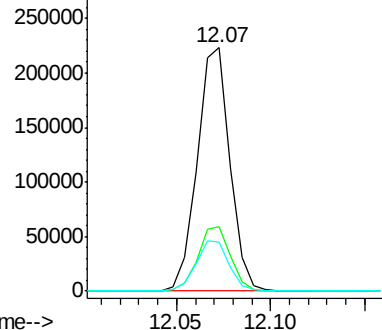
91 21.0 0.0 43.2

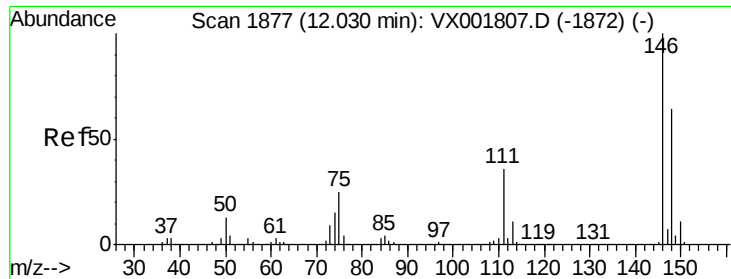


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

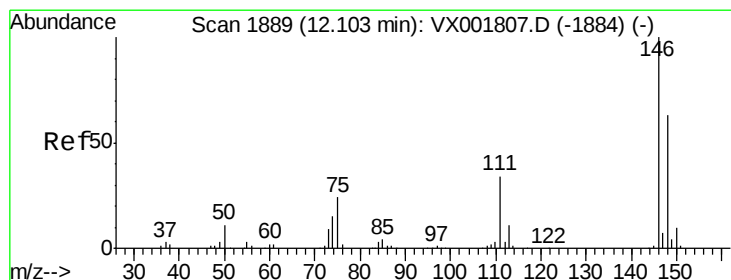
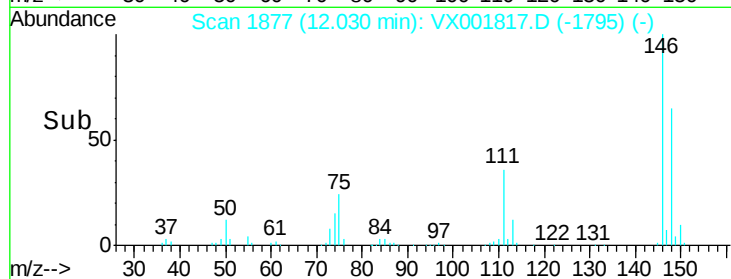
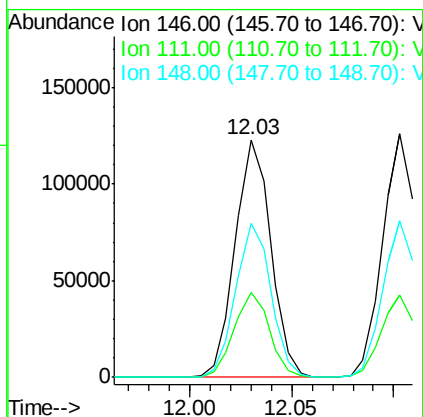
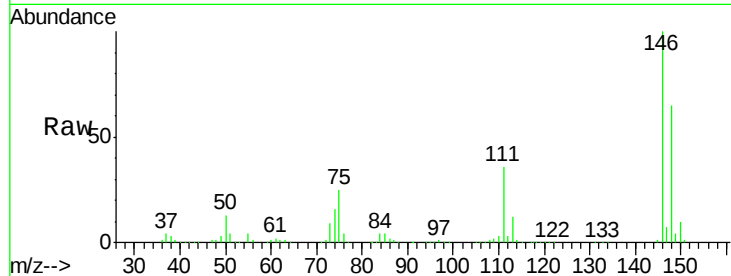




#83
 1,3-Dichlorobenzene
 Concen: 22.37 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

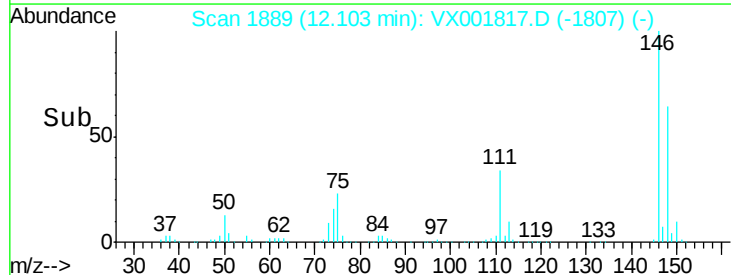
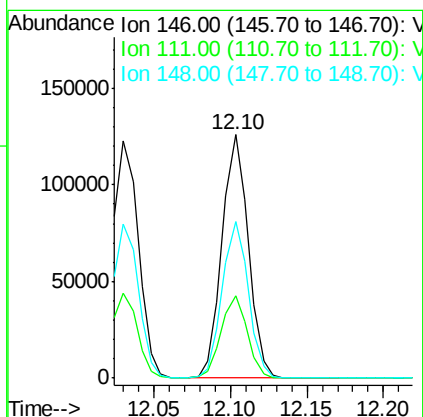
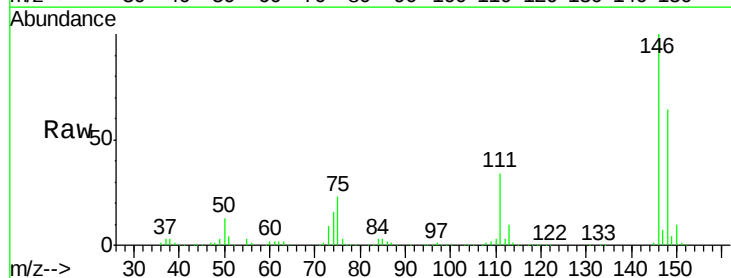
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

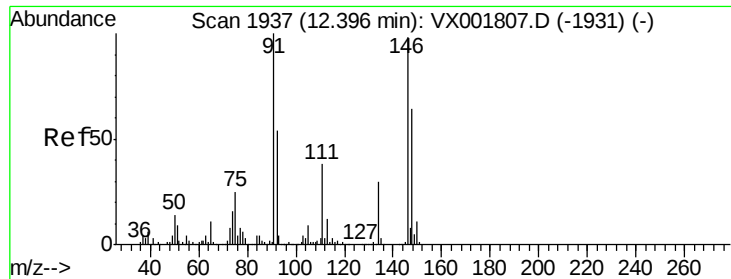
Tot Ion:146 Resp: 149663
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.0 54.0
 148 64.4 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 22.62 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion:146 Resp: 150259
 Ion Ratio Lower Upper
 146 100
 111 33.9 17.1 51.2
 148 64.2 31.8 95.3

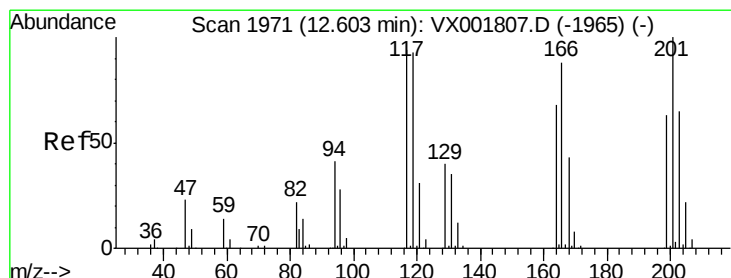
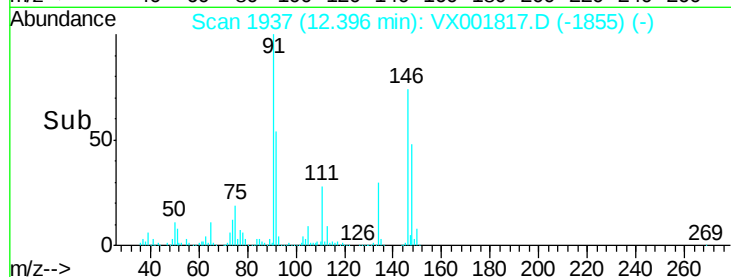
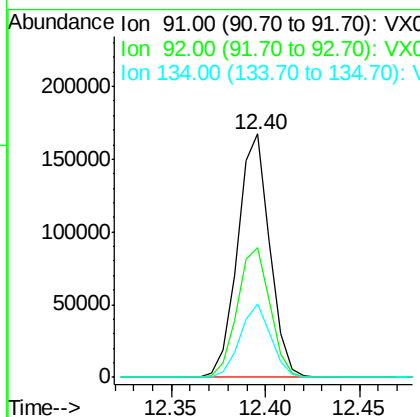
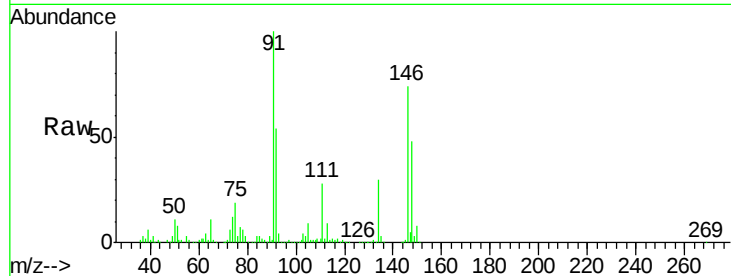




#85
n-Butylbenzene
Concen: 27.34 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

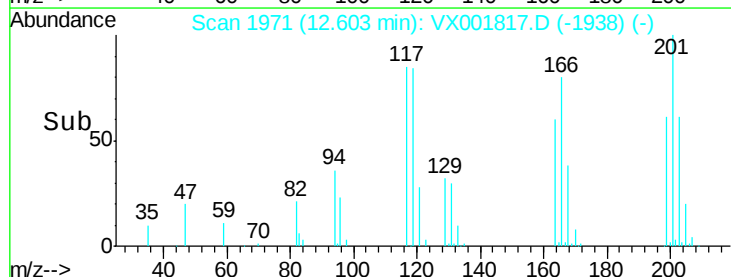
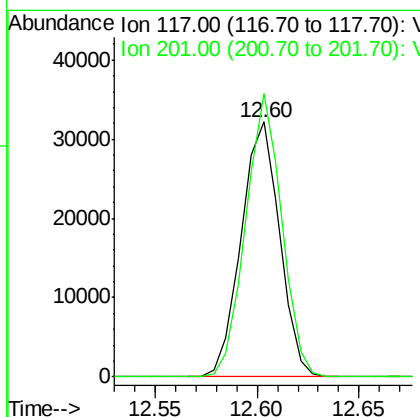
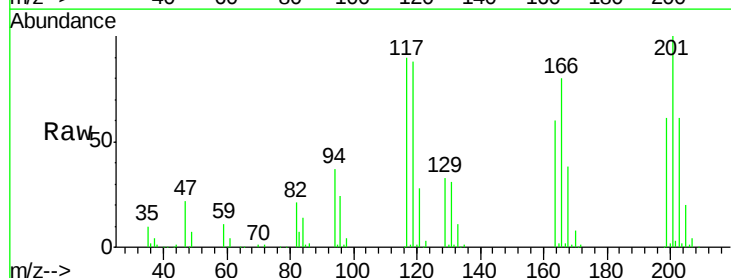
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBSD01

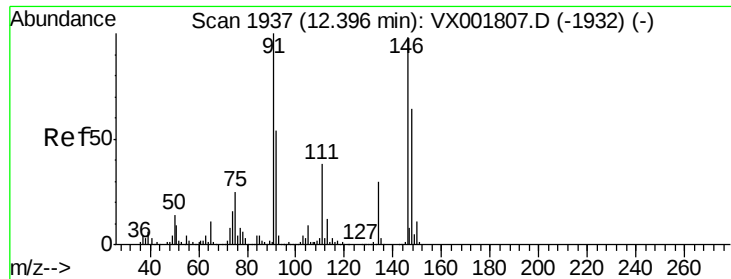
Tot Ion: 91 Resp: 197249
Ion Ratio Lower Upper
91 100
92 54.6 0.0 108.2
134 29.0 0.0 57.8



#86
Hexachloroethane
Concen: 25.34 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001817.D
Acq: 18 May 2018 09:34

Tgt Ion: 117 Resp: 41985
Ion Ratio Lower Upper
117 100
201 104.8 53.0 159.0

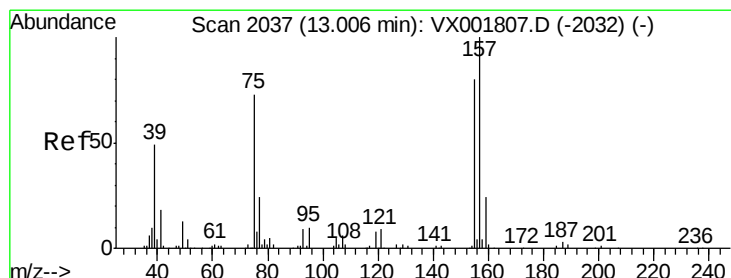
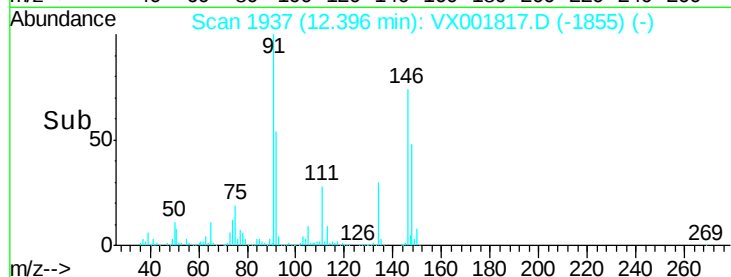
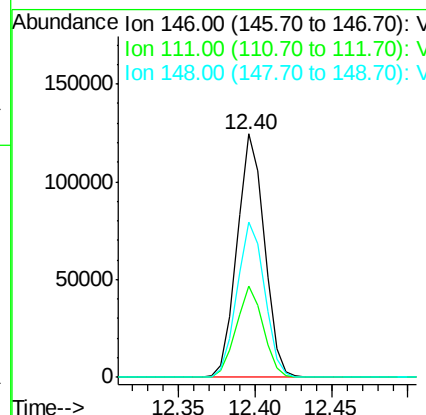
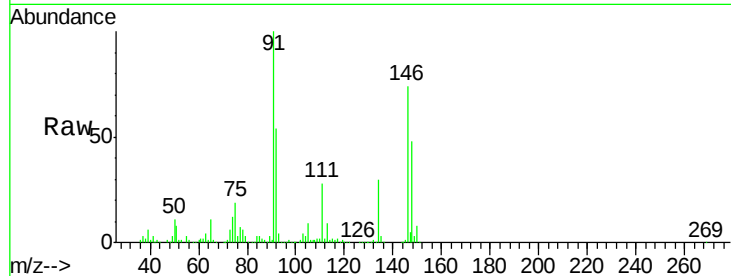




#87
 1,2-Dichlorobenzene
 Concen: 21.25 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

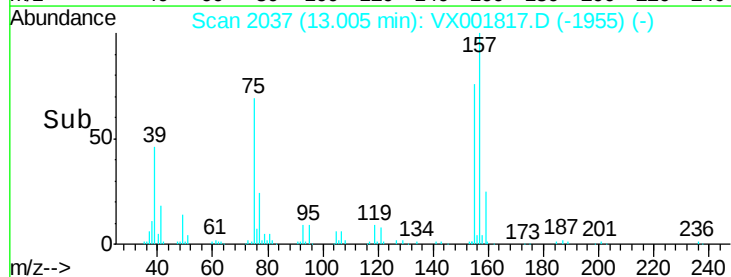
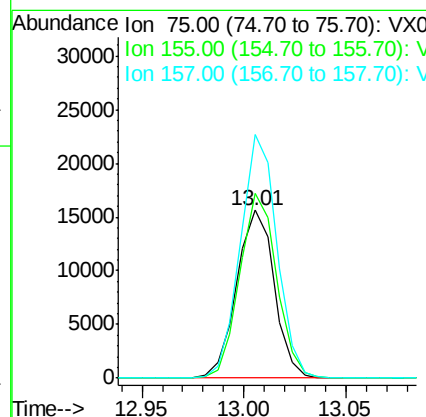
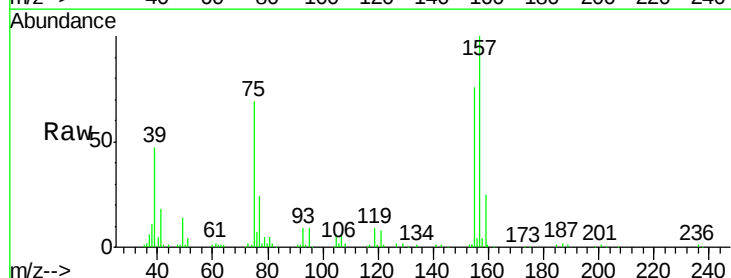
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

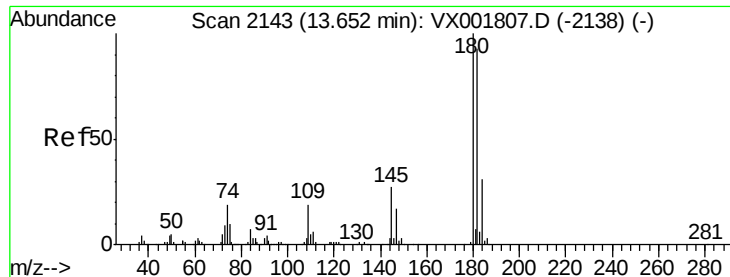
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.5
148	64.2	32.9	98.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.09 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.1	88.5	132.7
157	141.3	111.0	166.4

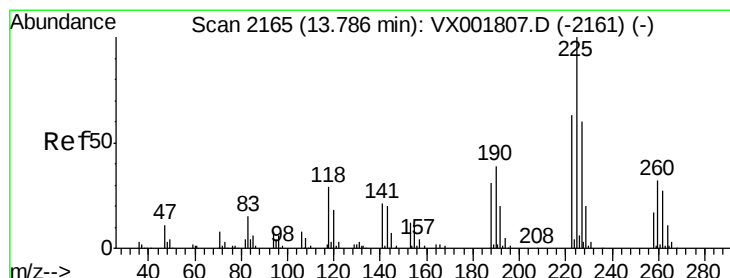
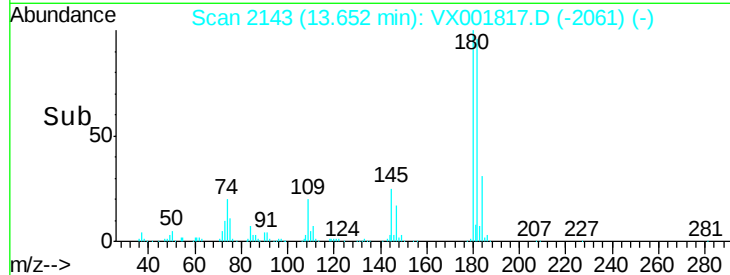
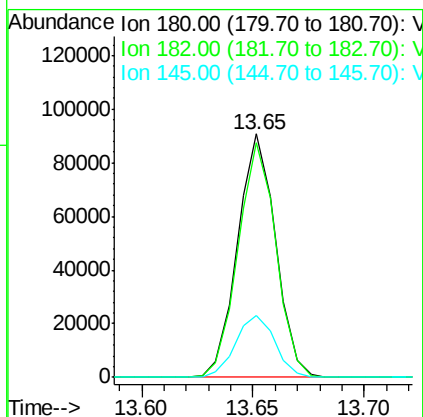
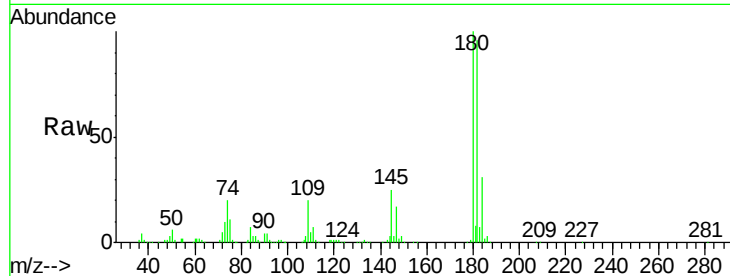




#89
 1,2,4-Trichlorobenzene
 Concen: 23.61 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

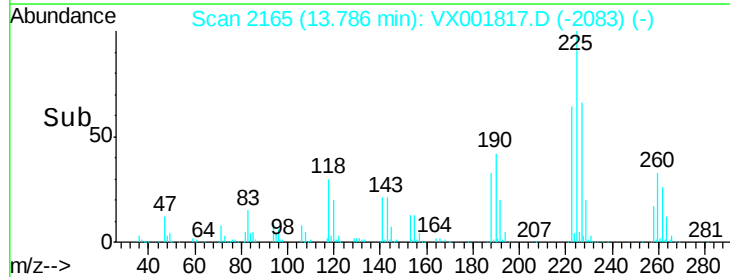
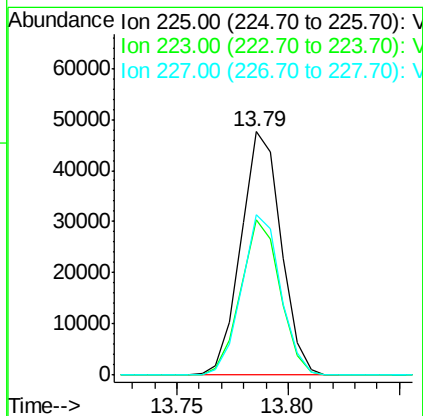
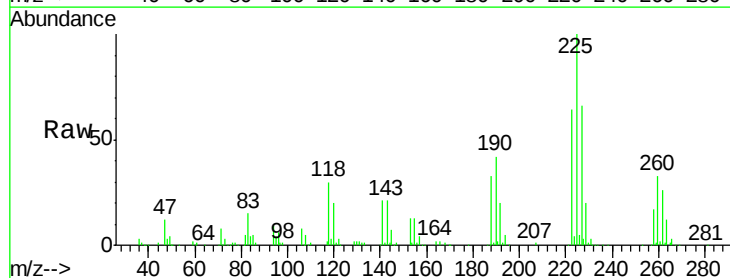
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

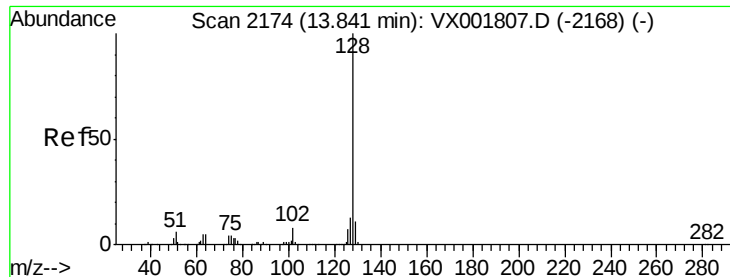
Tot Ion:180 Resp: 108040
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.6 113.4
 145 26.4 21.6 32.4



#90
 Hexachlorobutadiene
 Concen: 26.72 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001817.D
 Acq: 18 May 2018 09:34

Tgt Ion:225 Resp: 59908
 Ion Ratio Lower Upper
 225 100
 223 62.4 0.0 123.6
 227 64.1 0.0 124.0





#91

Naphthalene

Concen: 20.17 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0518WBSD01

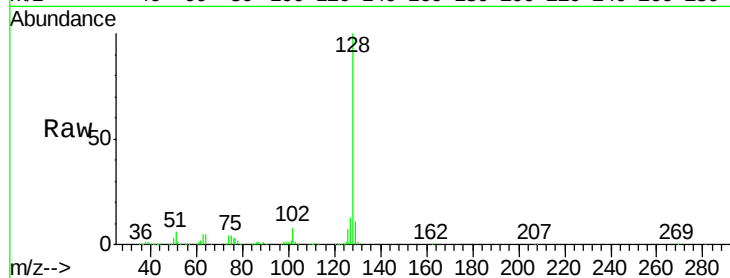
Tot Ion:128 Resp: 321459

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

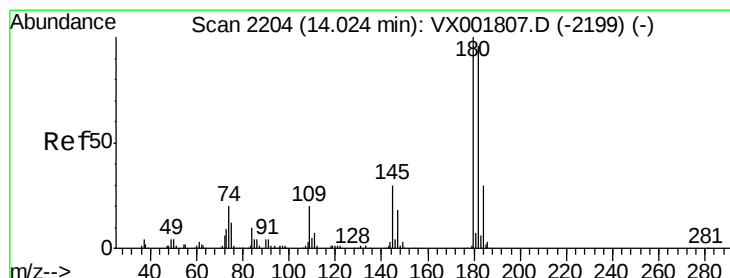
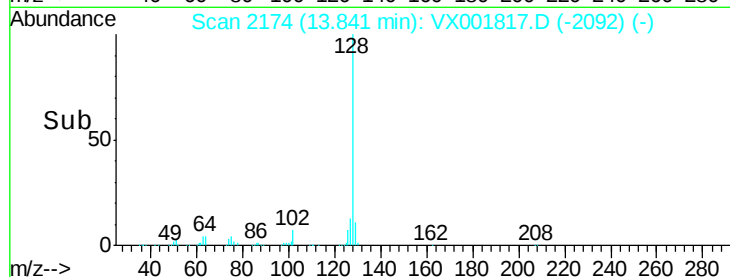
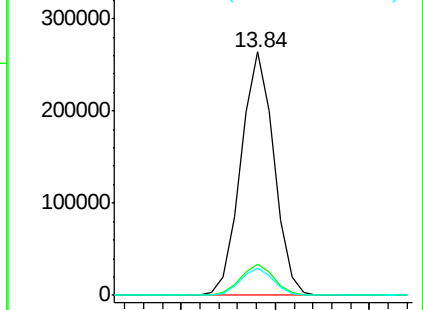
129 10.9 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 22.43 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001817.D

Acq: 18 May 2018 09:34

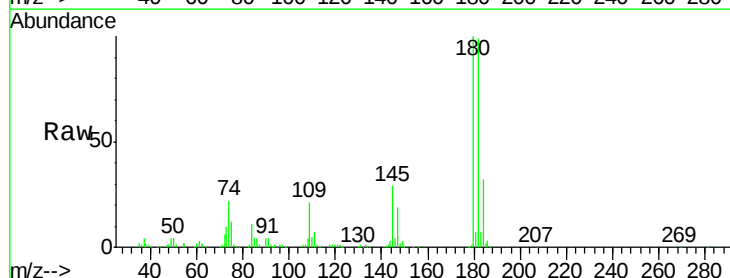
Tgt Ion:180 Resp: 115452

Ion Ratio Lower Upper

180 100

182 97.7 0.0 188.8

145 28.5 0.0 56.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

