

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001813.D
 Acq On : 18 May 2018 07:47
 Operator : JC/MD
 Sample : J2923-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

Quant Time: May 18 10:09:16 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 10:06:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	63485	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	316635	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	256171	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	121647	29.64	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.80%
60) 4-Bromofluorobenzene	11.14	95	114841	30.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.50%
63) Toluene-d8	8.72	98	390804	30.19	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.63%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	14226	8.12	ug/l	98
3) Chloromethane	1.32	50	18077	5.42	ug/l	98
4) Vinyl Chloride	1.40	62	17756	6.12	ug/l	99
5) Bromomethane	1.64	94	9925	5.22	ug/l	95
6) Chloroethane	1.72	64	11496	5.34	ug/l	98
7) Trichlorofluoromethane	1.93	101	24228	7.49	ug/l	94
8) Diethyl Ether	2.19	74	10604	4.66	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	15079	8.25	ug/l	99
10) 1,1-Dichloroethene	2.37	96	14343	6.40	ug/l	100
11) Methyl Iodide	2.51	142	13902	3.93	ug/l	99
12) Methyl Acetate	2.78	43	24268	4.46	ug/l	97
13) Acrolein	2.29	56	16847	25.93	ug/l	99
14) Acrylonitrile	3.15	53	48238	23.28	ug/l	97
15) Acetone	2.45	58	13637	24.10	ug/l	93
16) Carbon Disulfide	2.57	76	33822	6.04	ug/l	95
17) Allyl chloride	2.73	41	24794	4.95	ug/l	97
18) Methylene Chloride	2.86	84	17617	5.11	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	15558	5.63	ug/l	97
20) Diisopropyl ether	3.88	45	50894	4.67	ug/l	99
21) 1,1-Dichloroethane	3.70	63	29539	5.29	ug/l	97
22) cis-1,2-Dichloroethene	4.60	96	18374	5.13	ug/l	89
23) tert-Butyl Alcohol	3.08	59	21515	24.97	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	49861	4.68	ug/l	99
25) Chloroform	5.22	83	30773	5.17	ug/l	99
26) Cyclohexane	5.57	56	23715	7.81	ug/l	# 95
29) 1,1-Dichloropropene	5.80	75	20144	5.61	ug/l	98
30) 2-Butanone	4.71	43	66461	20.52	ug/l	99
31) 2,2-Dichloropropane	4.58	77	10090	4.44	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	24713	5.19	ug/l	99
33) Carbon Tetrachloride	5.79	117	21830	5.74	ug/l	94
34) Benzene	6.15	78	66009	4.60	ug/l	97
35) Methacrylonitrile	5.07	41	13741	3.99	ug/l	94
36) 1,2-Dichloroethane	6.20	62	24047	4.29	ug/l	98
37) Trichloroethene	7.22	130	20209	5.15	ug/l	97
38) Methylcyclohexane	7.46	83	23424	7.07	ug/l	96
39) 1,2-Dichloropropane	7.52	63	16738	4.38	ug/l	100
40) Dibromomethane	7.67	93	11302	4.12	ug/l	97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	19393	4.02	ug/l	98
42) Vinyl Acetate	3.83	43	206249	23.50	ug/l	99
43) Ethyl Acetate	4.87	43	23827	3.86	ug/l	94
44) Isopropyl Acetate	6.48	43	35978	4.02	ug/l	97
45) 1,4-Dioxane	7.77	88	8855	80.89	ug/l	99
46) Methyl methacrylate	7.79	41	18178	3.86	ug/l	96
47) n-amyl Acetate	10.90	43	23442	3.78	ug/l	99
48) t-1,3-Dichloropropene	8.44	75	19617	3.86	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	16831	3.79	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	15842	4.21	ug/l	98
51) Ethyl methacrylate	9.19	69	19508	3.81	ug/l	95
52) 1,3-Dichloropropane	9.38	76	25219	4.22	ug/l	98
53) Dibromochloromethane	9.59	129	14240	3.89	ug/l	98
54) 1,2-Dibromoethane	9.68	107	16050	4.21	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	58948	19.72	ug/l	99
56) Bromoform	10.86	173	10901	3.65	ug/l #	40
58) 4-Methyl-2-Pentanone	8.66	43	122694	19.16	ug/l	98
59) 2-Hexanone	9.51	43	80804	19.24	ug/l	98
61) Tetrachloroethene	9.34	164	21624	5.73	ug/l	94
62) Toluene	8.79	91	72690	4.91	ug/l	100
64) Chlorobenzene	10.15	112	43425	5.01	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	14986	4.29	ug/l	98
66) Ethyl Benzene	10.26	91	66056	5.37	ug/l	99
67) m/p-Xylenes	10.37	106	50609	10.30	ug/l	98
68) o-Xylene	10.70	106	25133	4.97	ug/l	98
69) Styrene	10.72	104	39197	4.65	ug/l	99
70) Isopropylbenzene	11.02	105	65604	5.53	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	22464	4.16	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	23527	4.58	ug/l	89
73) Bromobenzene	11.26	156	20445	4.86	ug/l	99
74) n-propylbenzene	11.37	91	70339	5.69	ug/l	99
75) 2-Chlorotoluene	11.43	91	46888	5.51	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	53961	5.47	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	3799	3.47	ug/l	85
78) 4-Chlorotoluene	11.52	91	49829	5.31	ug/l	100
79) tert-butylbenzene	12.07	119	55260	5.67	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	54772	5.37	ug/l	99
81) sec-Butylbenzene	11.95	105	63441	5.93	ug/l	99
82) p-Isopropyltoluene	12.07	119	55260	5.67	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	35150	5.36	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	34754	5.34	ug/l	99
85) n-Butylbenzene	12.40	91	39247	5.55	ug/l	99
86) Hexachloroethane	12.60	117	9132	5.62	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	37155	5.22	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	4491	3.93	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	23039	5.14	ug/l	100
90) Hexachlorobutadiene	13.79	225	13014	5.92	ug/l	96
91) Naphthalene	13.84	128	64499	4.13	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	24963	4.95	ug/l	98

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QLast Update : Fri May 18 10:06:03 2018
Response via : Initial Calibration

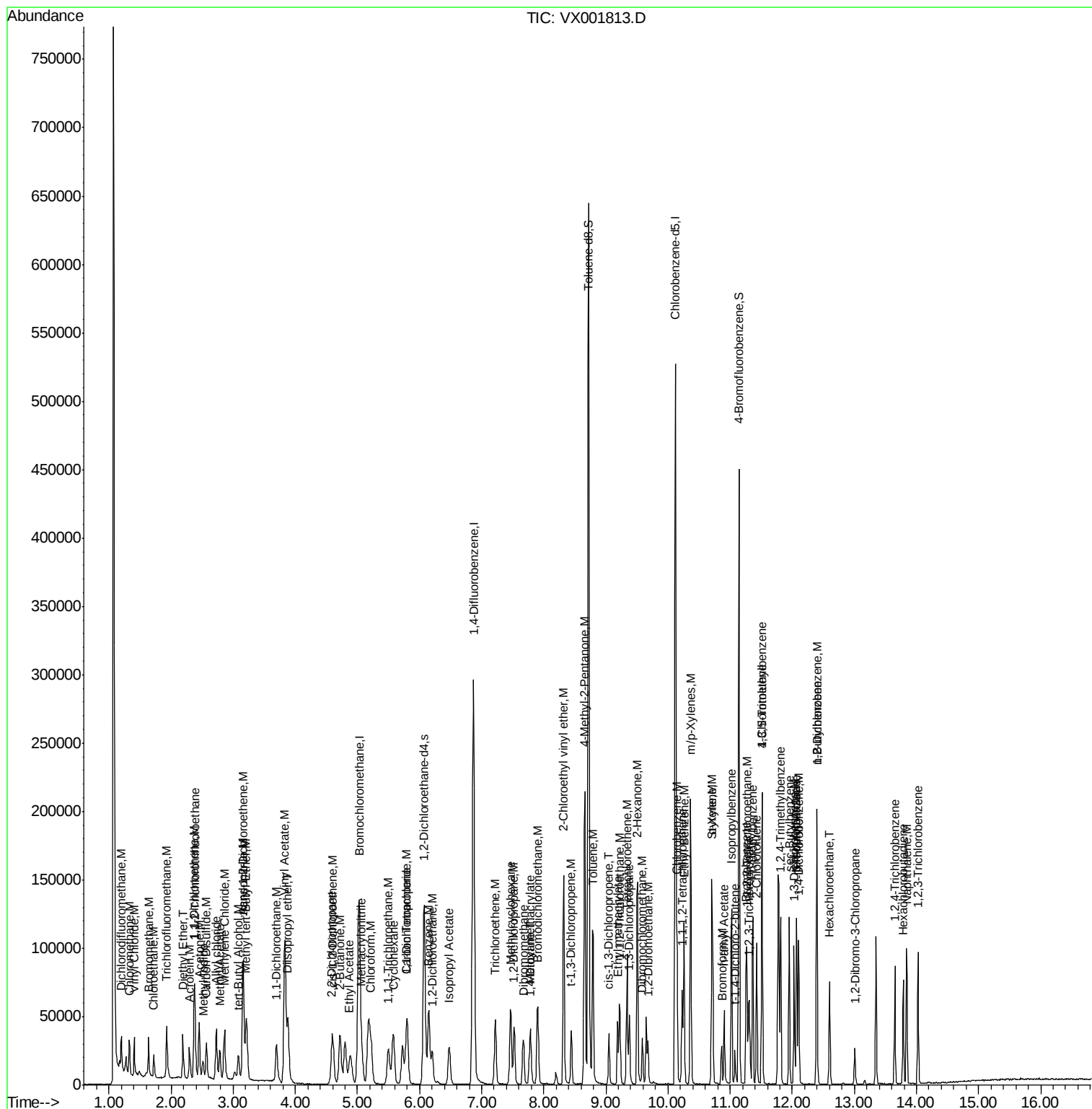
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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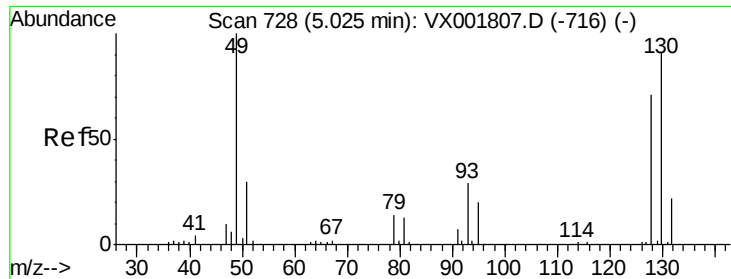
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : J2923-06  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 35      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

Quant Time: May 18 10:09:16 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 10:06:03 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

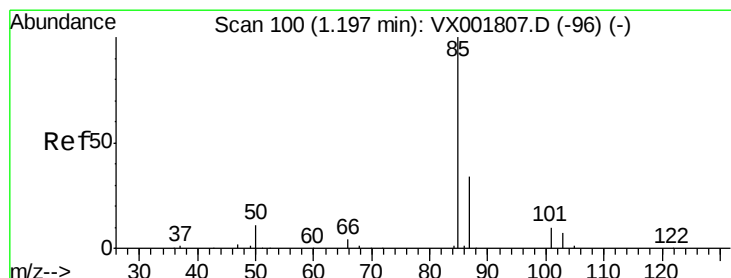
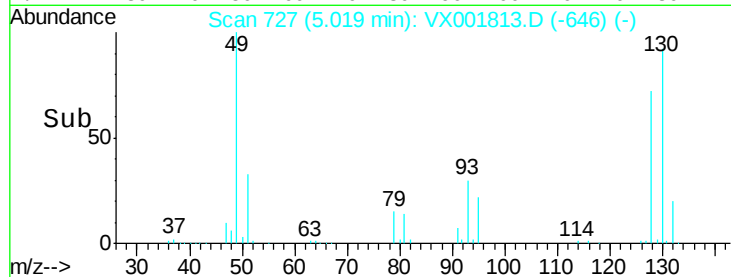
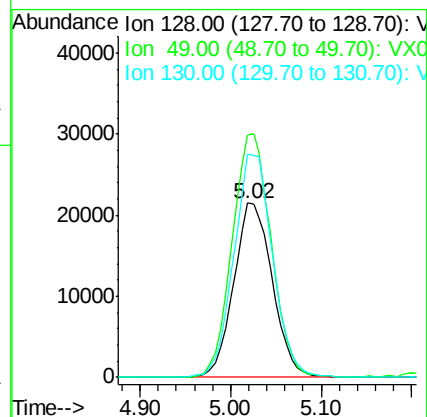
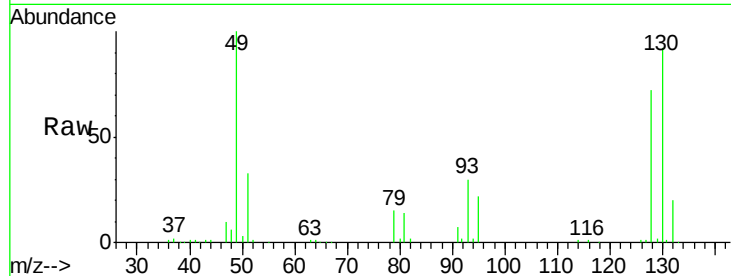
Tot Ion:128 Resp: 63485

Ion Ratio Lower Upper

128 100

49 141.1 0.0 352.3

130 129.0 0.0 323.5



#2

Dichlorodifluoromethane

Concen: 8.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001813.D

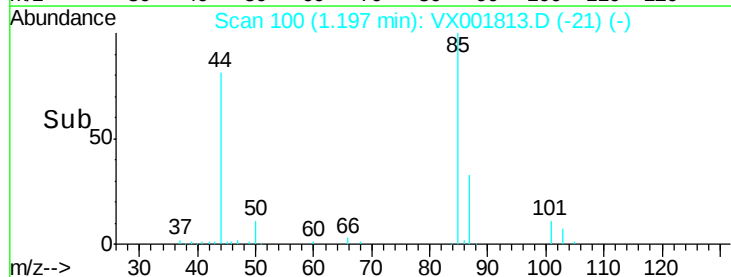
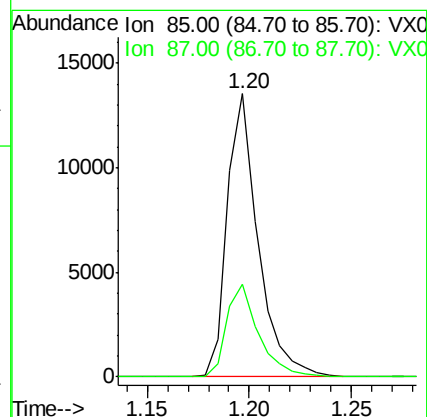
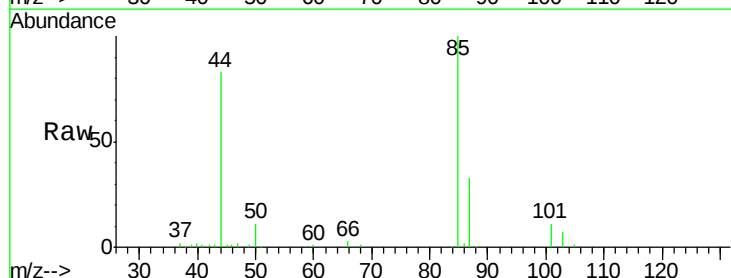
Acq: 18 May 2018 07:47

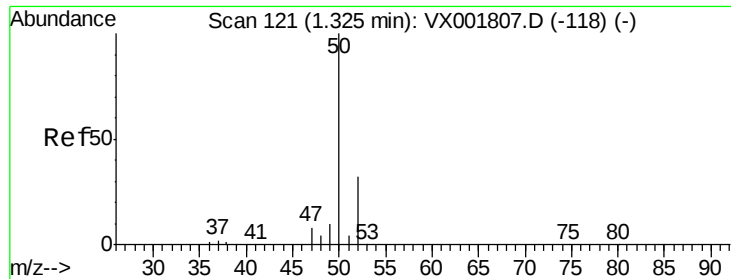
Tgt Ion: 85 Resp: 14226

Ion Ratio Lower Upper

85 100

87 32.6 16.9 50.7





#3

Chloromethane

Concen: 5.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

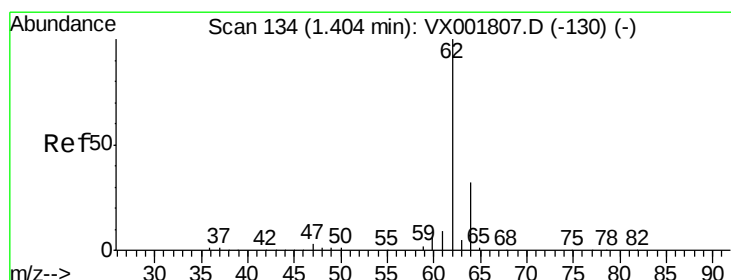
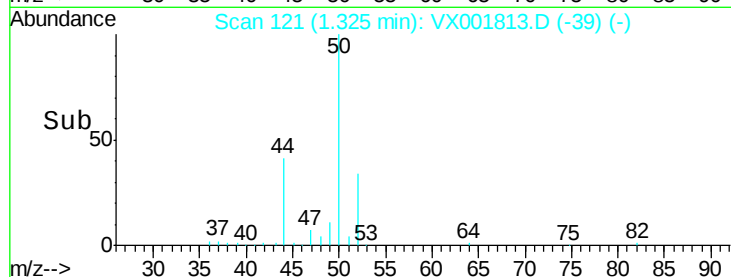
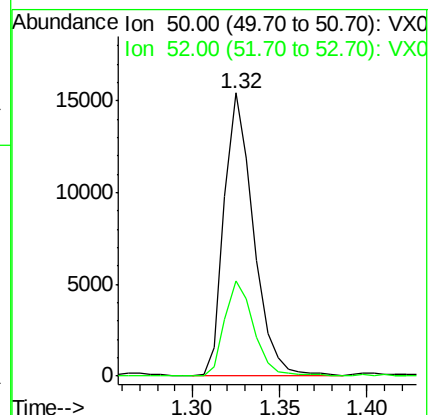
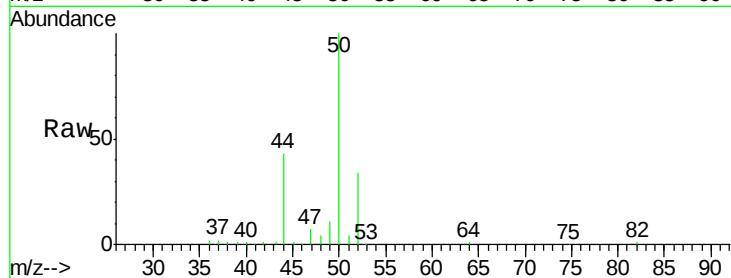
LOQ-NPW-Precision-Bias-2

Tot Ion: 50 Resp: 18077

Ion Ratio Lower Upper

50 100

52 33.7 26.0 39.0



#4

Vinyl Chloride

Concen: 6.12 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001813.D

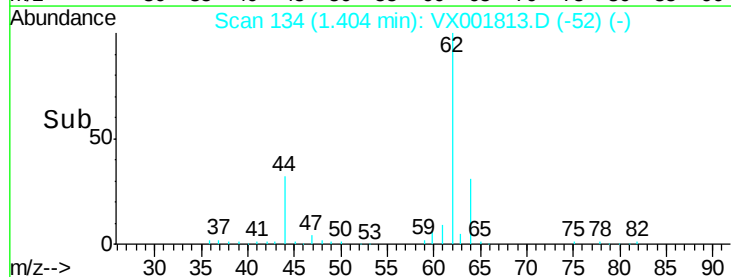
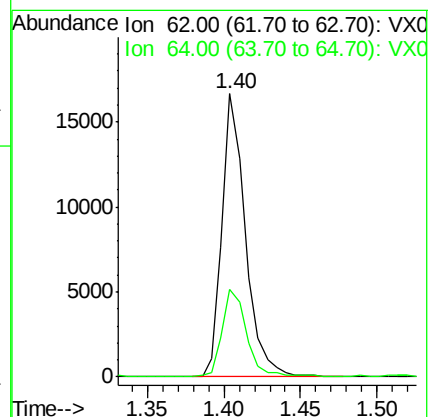
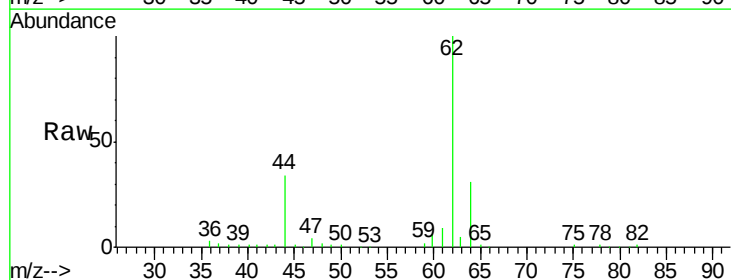
Acq: 18 May 2018 07:47

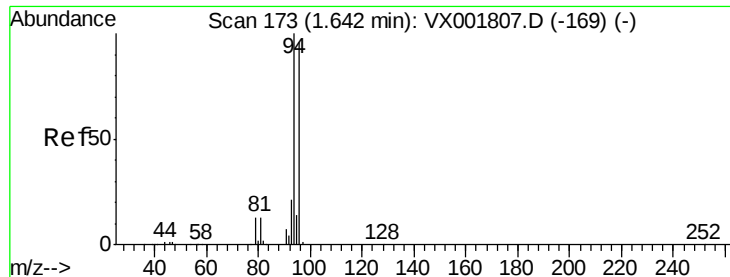
Tgt Ion: 62 Resp: 17756

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 5.22 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

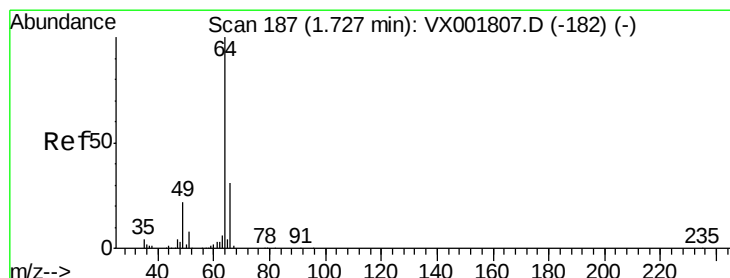
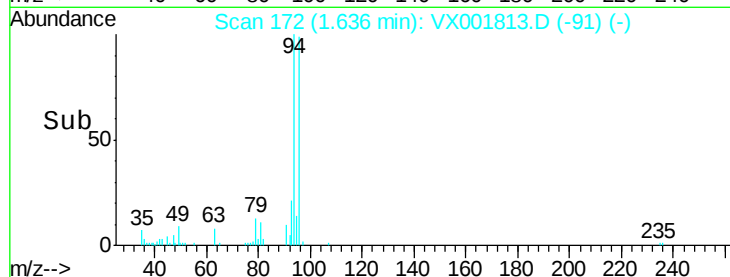
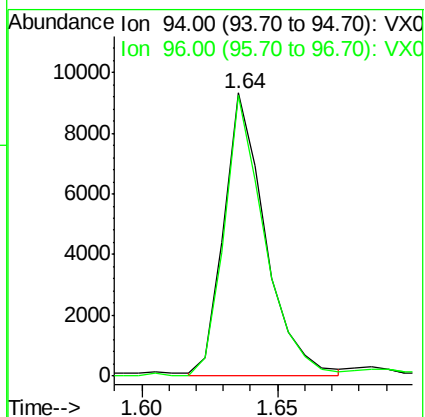
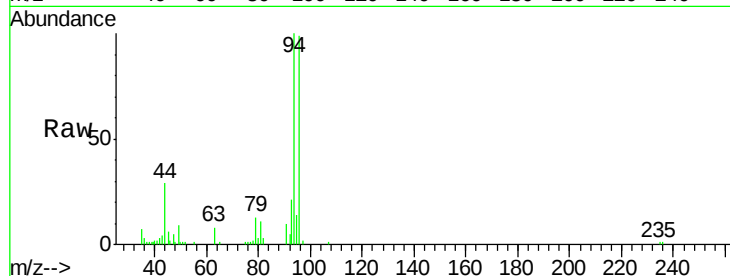
LOQ-NPW-Precision-Bias-2

Tot Ion: 94 Resp: 9925

Ion Ratio Lower Upper

94 100

96 100.3 76.6 115.0



#6

Chloroethane

Concen: 5.34 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001813.D

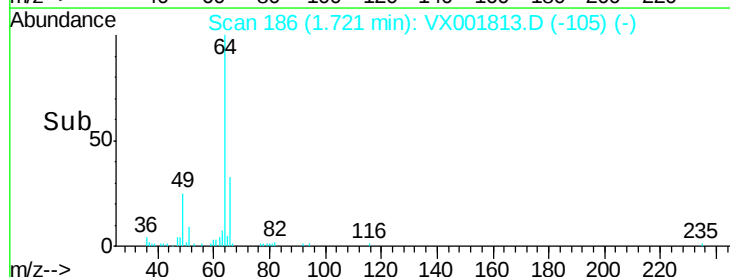
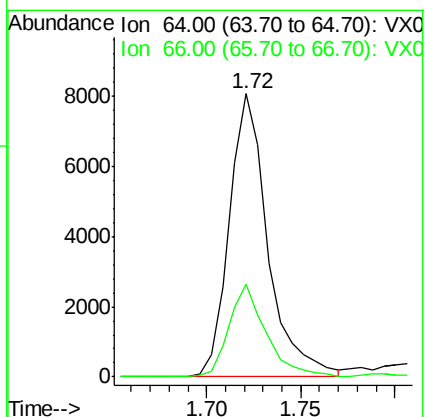
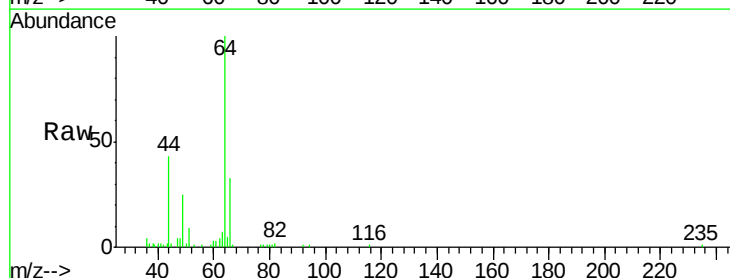
Acq: 18 May 2018 07:47

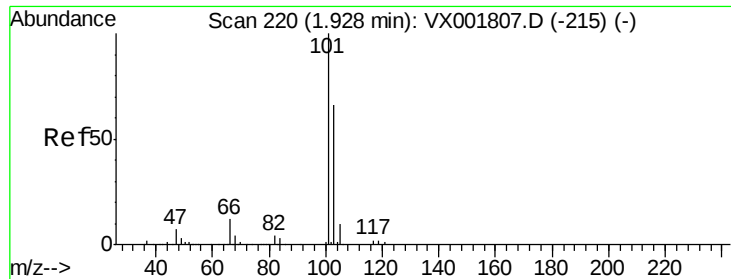
Tgt Ion: 64 Resp: 11496

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.4



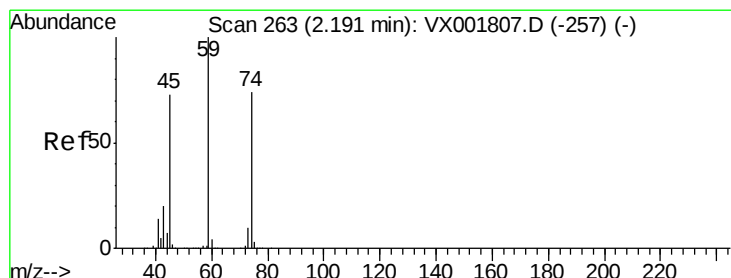
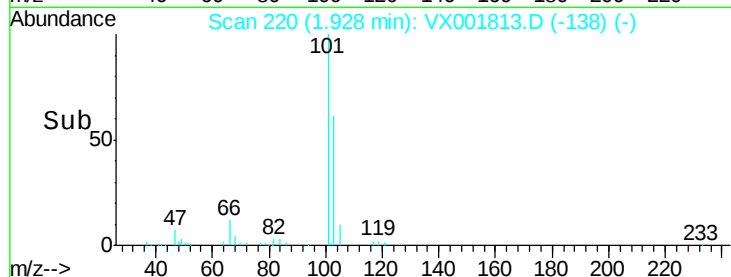
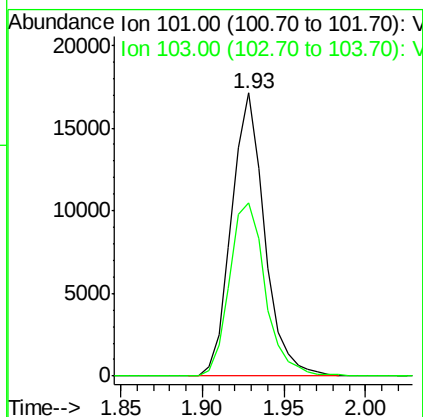
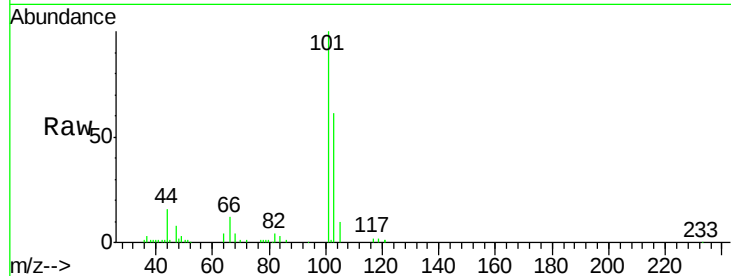


#7

Trichlorofluoromethane
 Concen: 7.49 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
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Instrument :
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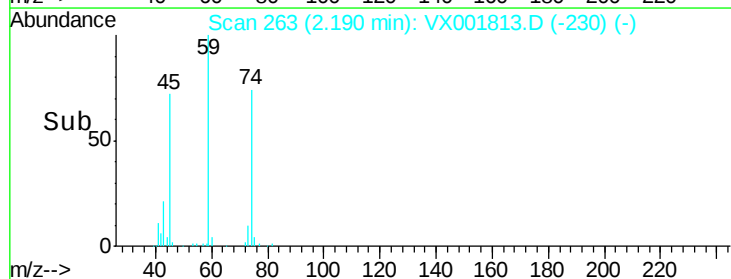
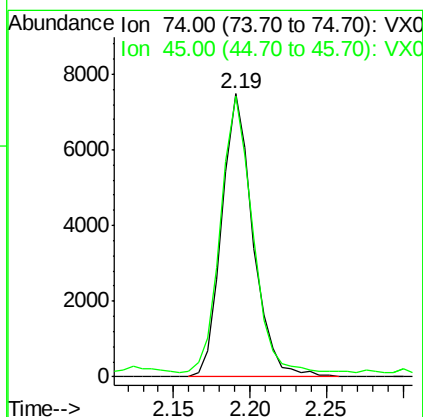
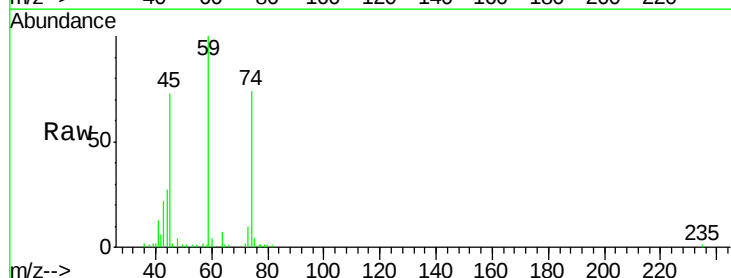
Tot Ion:101 Resp: 24228
 Ion Ratio Lower Upper
 101 100
 103 61.2 52.9 79.3

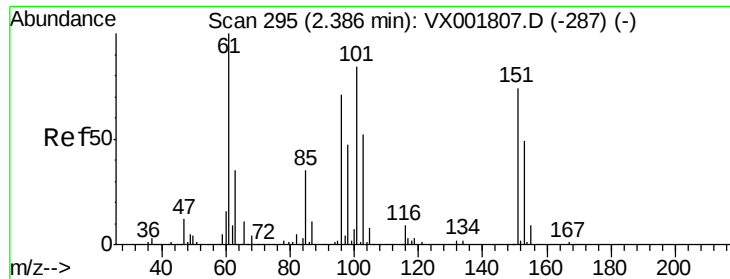


#8

Diethyl Ether
 Concen: 4.66 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion: 74 Resp: 10604
 Ion Ratio Lower Upper
 74 100
 45 101.7 19.8 178.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.25 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

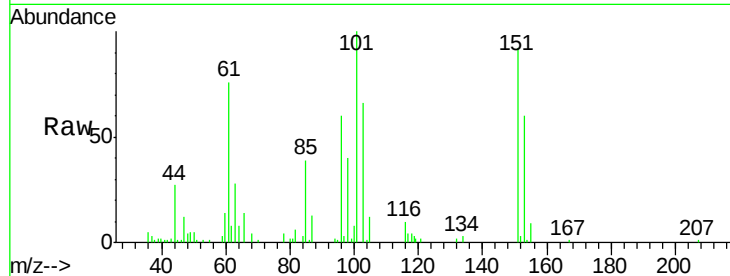
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Ion Ratio Lower Upper

101 100

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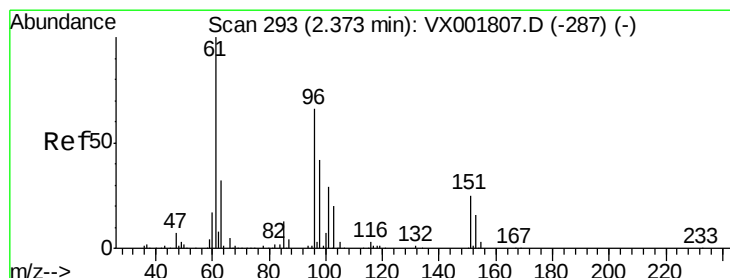
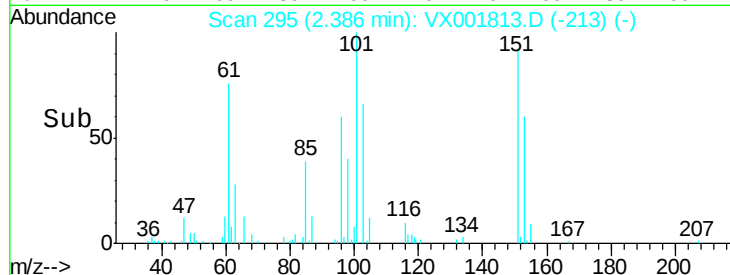
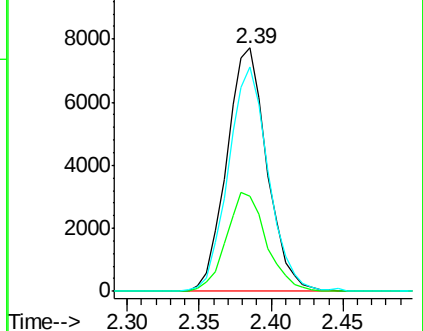
151 91.9 0.0 182.8



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: 6.40 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

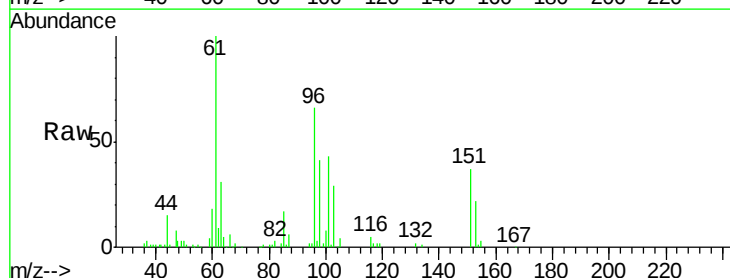
Tgt Ion: 96 Resp: 14343

Ion Ratio Lower Upper

96 100

61 151.5 120.9 181.3

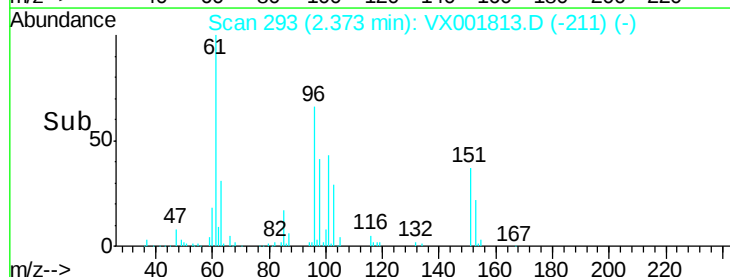
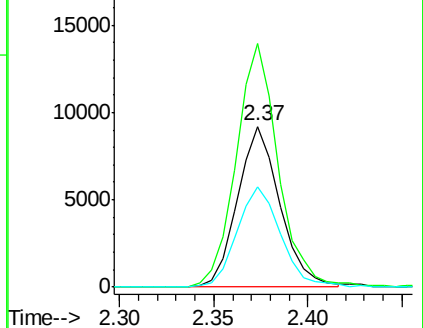
98 62.2 50.2 75.4

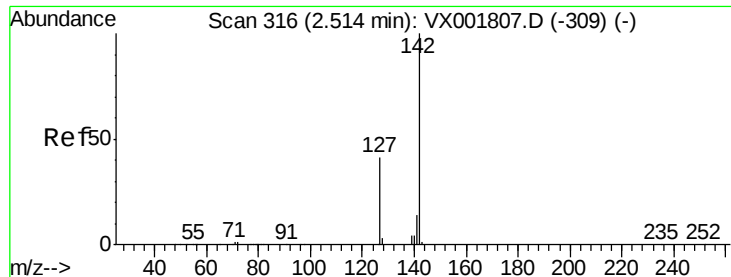


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

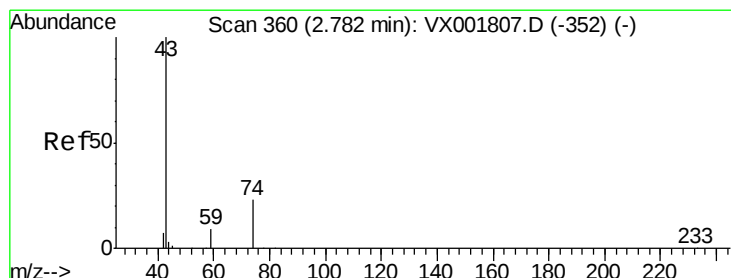
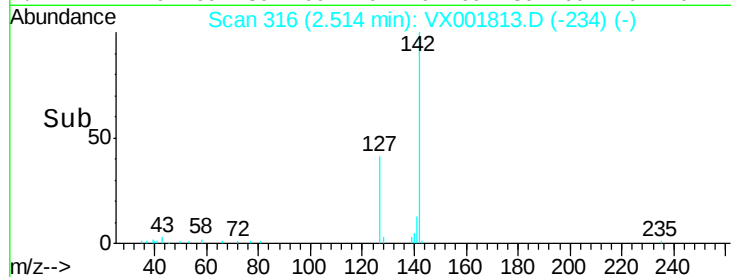
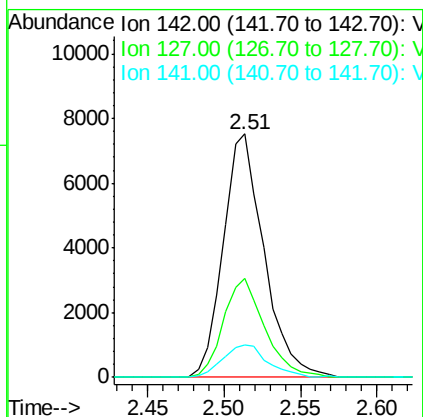
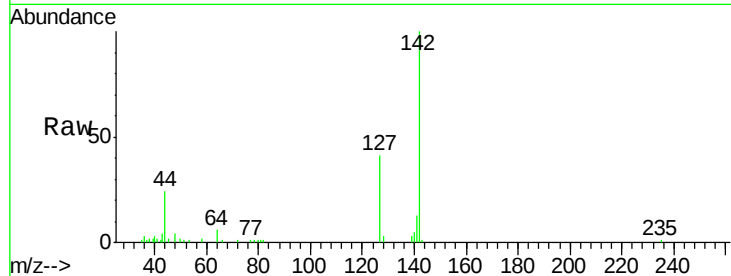




#11
Methvl Iodide
Concen: 3.93 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

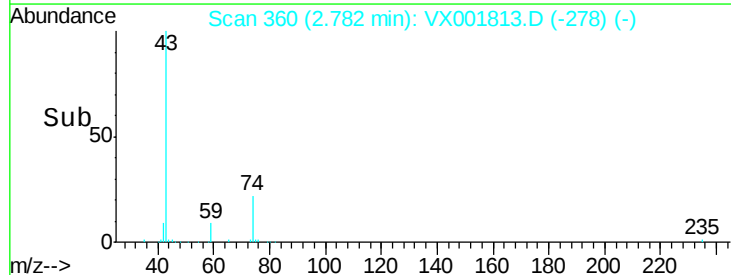
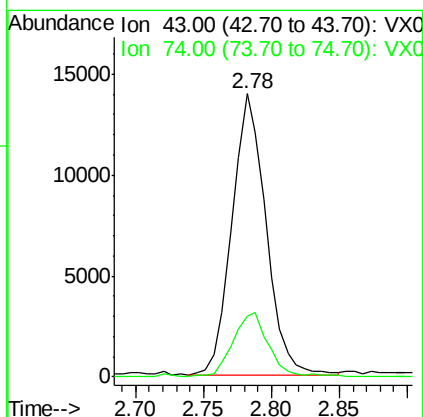
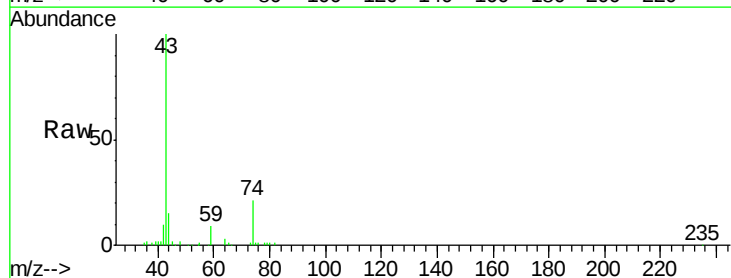
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

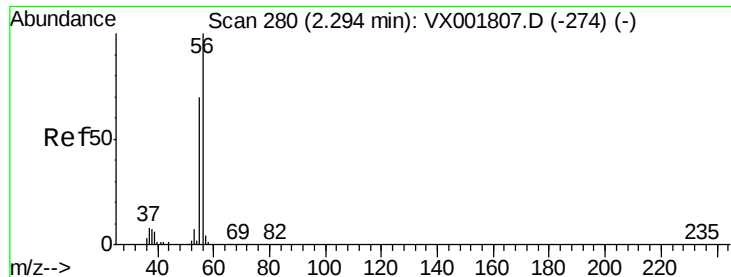
Tot Ion:142 Resp: 13902
Ion Ratio Lower Upper
142 100
127 40.8 20.3 61.0
141 13.2 7.0 21.1



#12
Methyl Acetate
Concen: 4.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion: 43 Resp: 24268
Ion Ratio Lower Upper
43 100
74 21.4 18.2 27.4





#13

Acrolein

Concen: 25.93 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

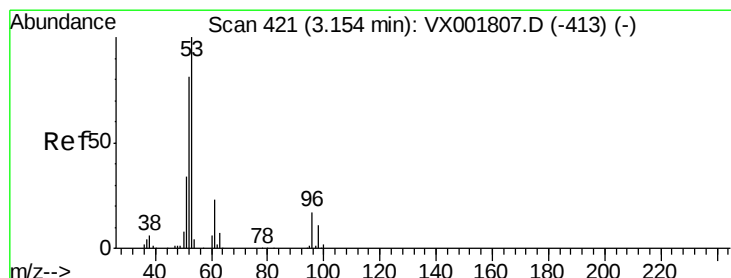
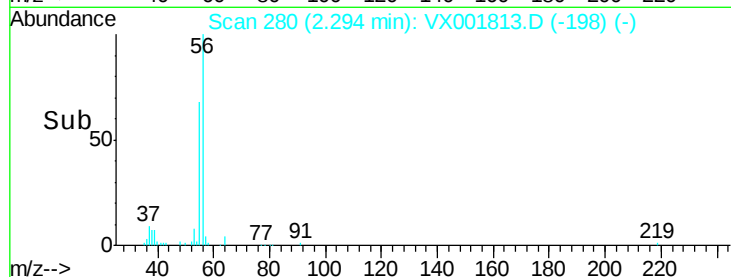
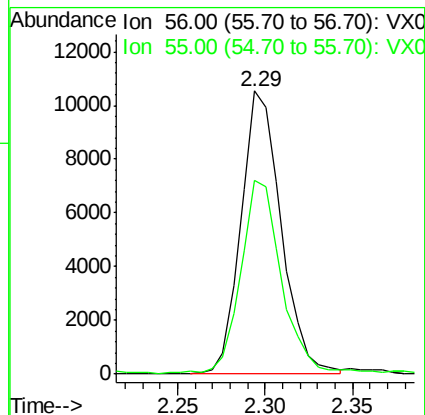
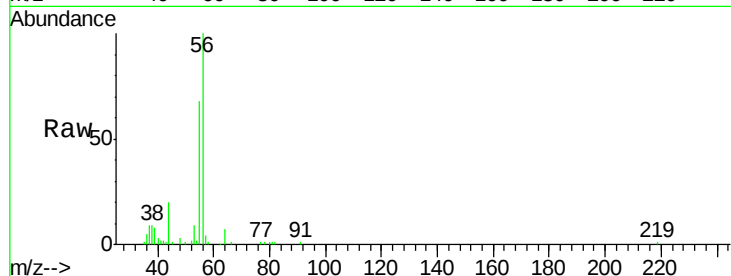
LOQ-NPW-Precision-Bias-2

Tot Ion: 56 Resp: 16847

Ion Ratio Lower Upper

56 100

55 68.9 56.0 84.0



#14

Acrylonitrile

Concen: 23.28 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

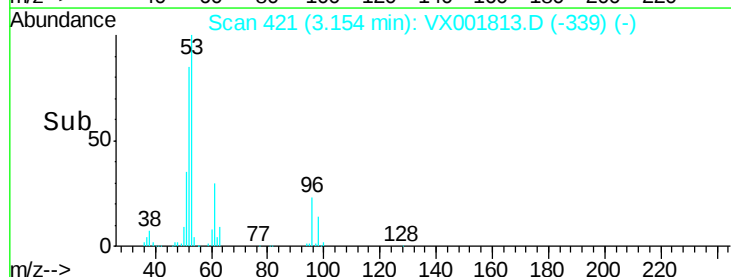
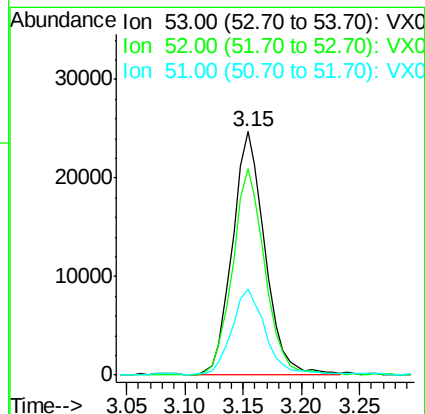
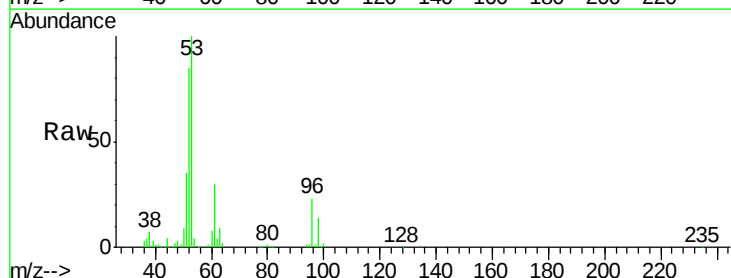
Tgt Ion: 53 Resp: 48238

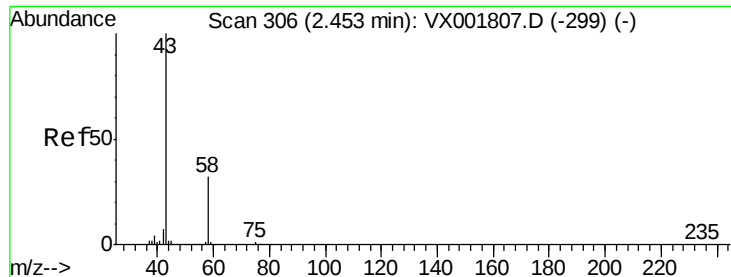
Ion Ratio Lower Upper

53 100

52 84.5 40.7 122.1

51 34.6 17.4 52.3





#15

Acetone

Concen: 24.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

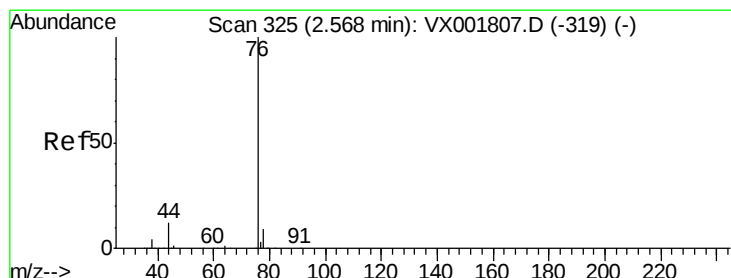
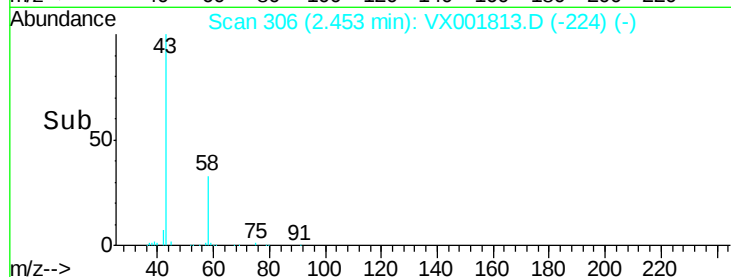
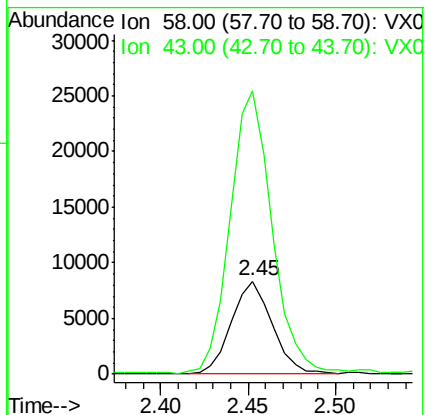
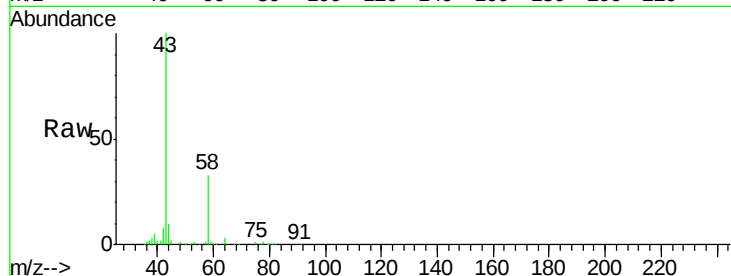
LOQ-NPW-Precision-Bias-2

Tot Ion: 58 Resp: 13637

Ion Ratio Lower Upper

58 100

43 301.3 252.1 378.1



#16

Carbon Disulfide

Concen: 6.04 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001813.D

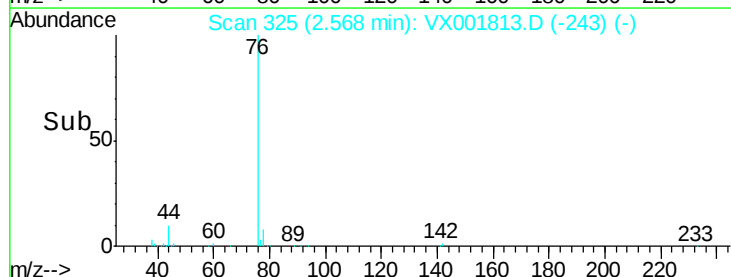
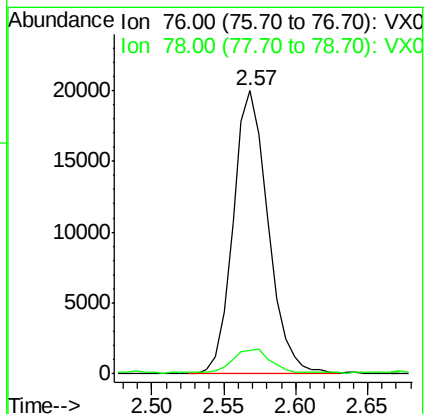
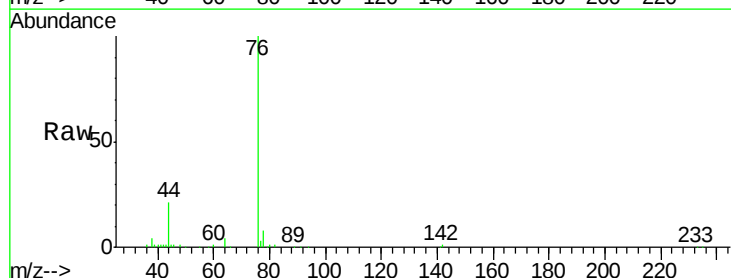
Acq: 18 May 2018 07:47

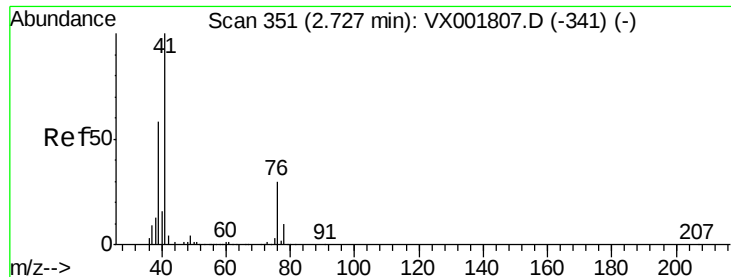
Tgt Ion: 76 Resp: 33822

Ion Ratio Lower Upper

76 100

78 7.7 7.5 11.3

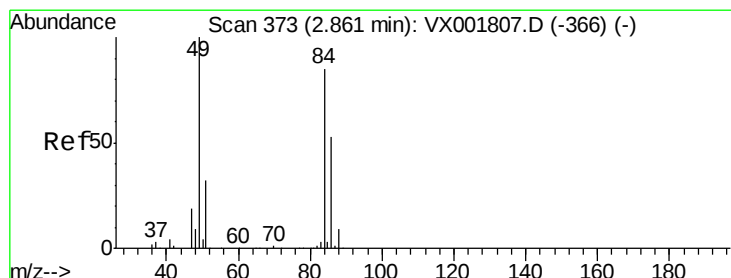
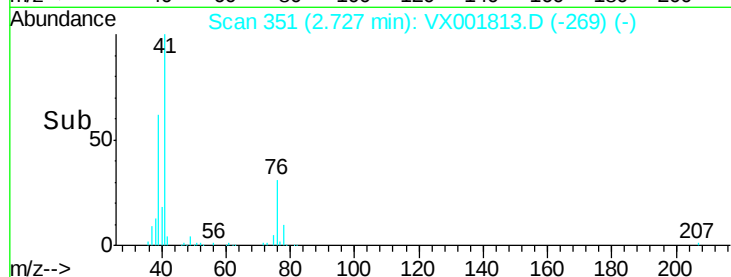
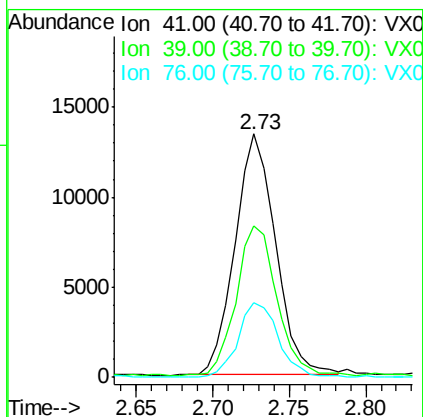
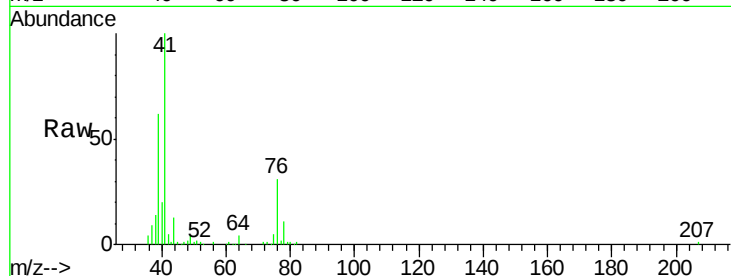




#17
Allvl chloride
Concen: 4.95 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

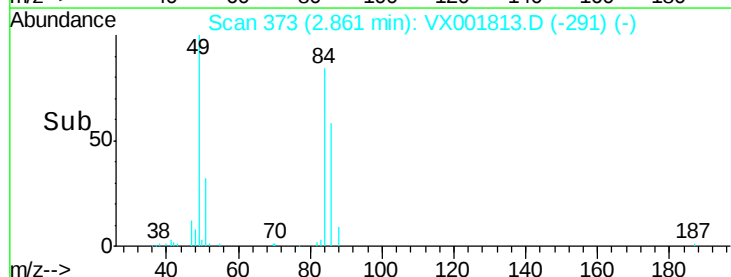
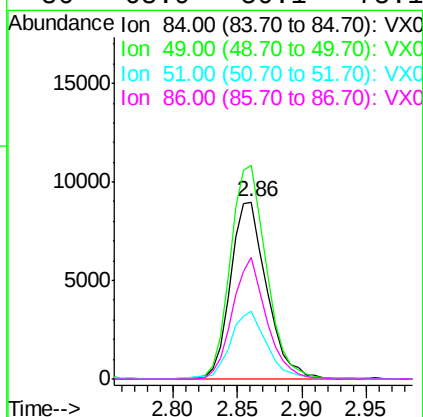
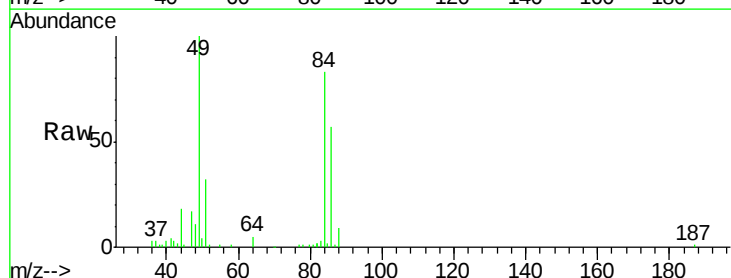
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

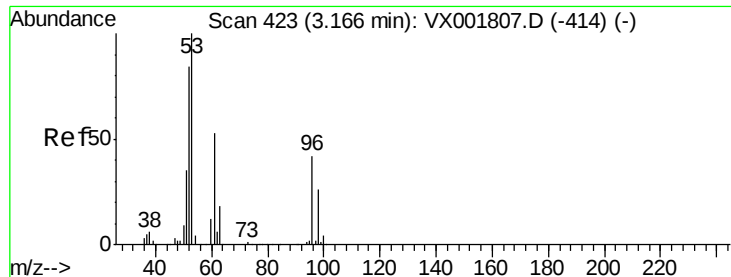
Tot Ion: 41 Resp: 24794
Ion Ratio Lower Upper
41 100
39 61.6 29.1 87.3
76 31.0 15.2 45.5



#18
Methylene Chloride
Concen: 5.11 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion: 84 Resp: 17617
Ion Ratio Lower Upper
84 100
49 120.7 94.1 141.1
51 37.6 29.8 44.6
86 68.9 50.1 75.1





#19

trans-1,2-Dichloroethene

Concen: 5.63 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

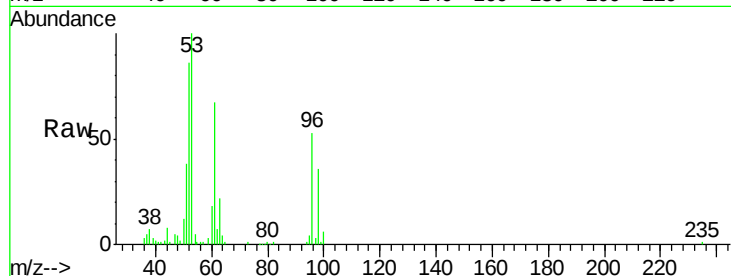
Tot Ion: 96 Resp: 15558

Ion Ratio Lower Upper

96 100

61 126.7 102.9 154.3

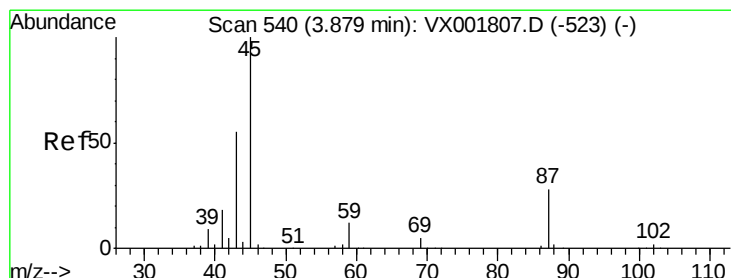
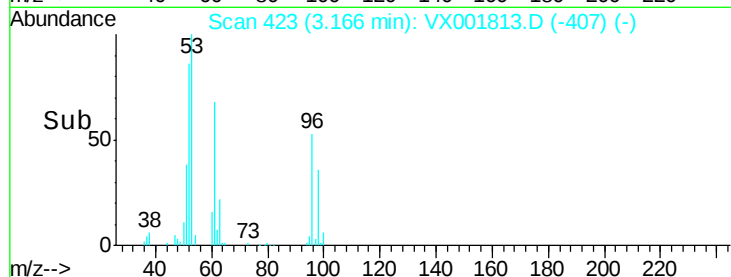
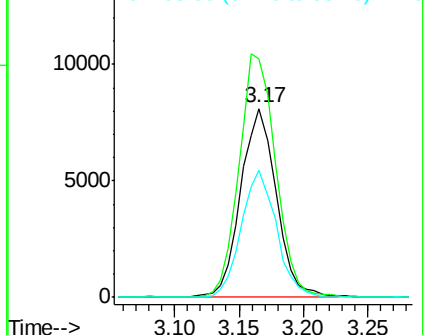
98 67.1 49.7 74.5



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



#20

Diisopropyl ether

Concen: 4.67 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Tgt Ion: 45 Resp: 50894

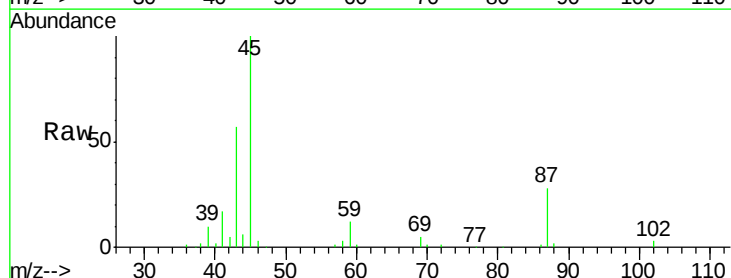
Ion Ratio Lower Upper

45 100

43 55.7 44.2 66.2

87 28.0 22.4 33.6

59 12.4 9.4 14.0

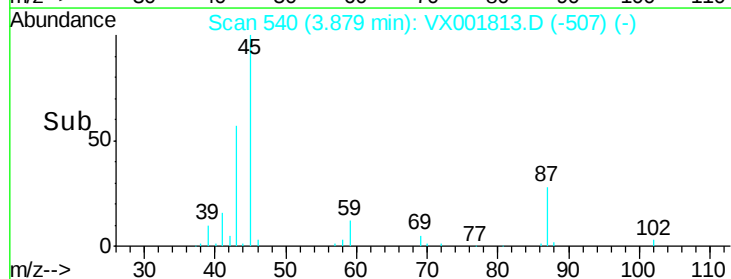
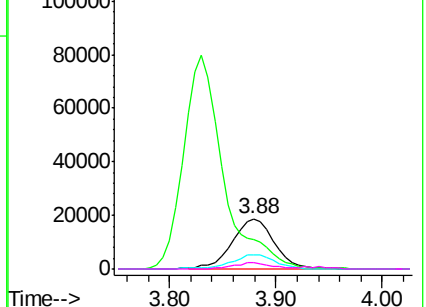


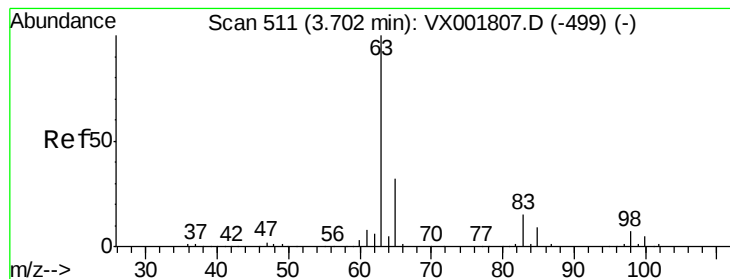
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 5.29 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

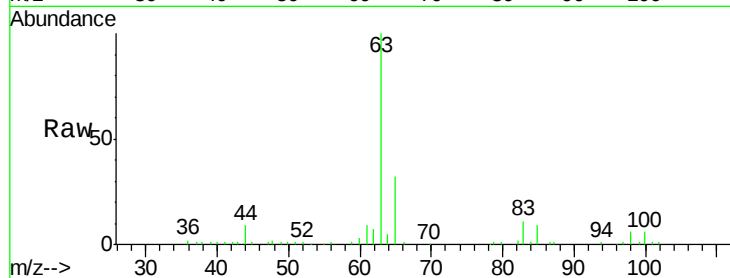
Tot Ion: 63 Resp: 29539

Ion Ratio Lower Upper

63 100

98 6.0 3.7 11.1

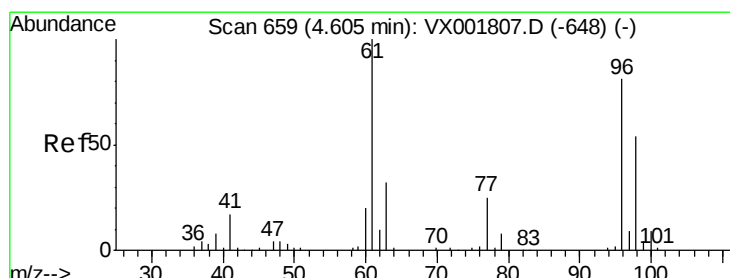
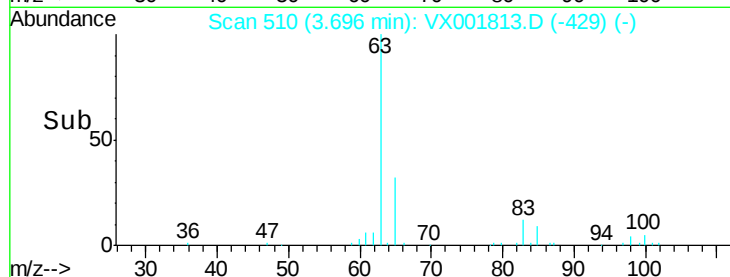
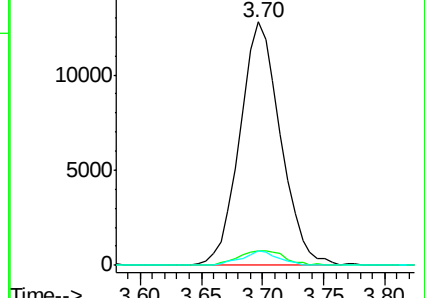
100 5.7 2.5 7.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 5.13 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

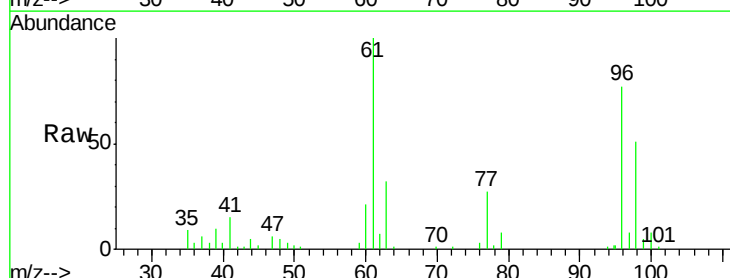
Tgt Ion: 96 Resp: 18374

Ion Ratio Lower Upper

96 100

61 152.0 105.9 158.9

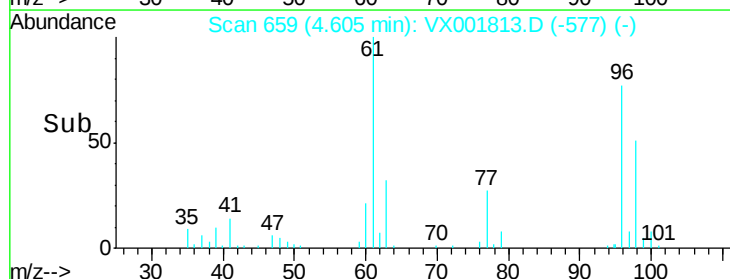
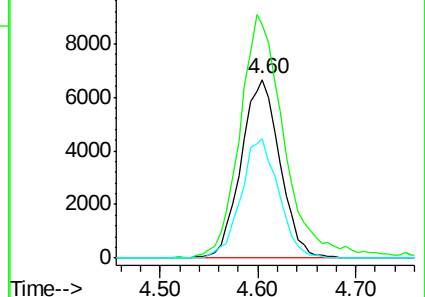
98 64.8 51.5 77.3

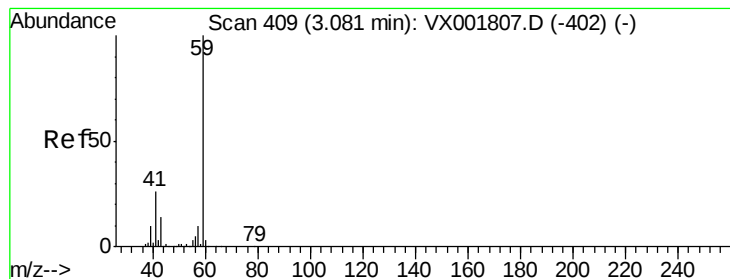


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 24.97 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

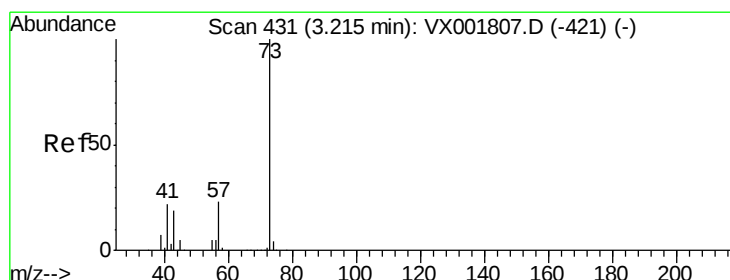
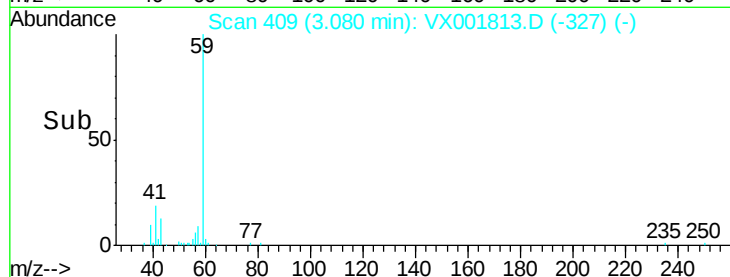
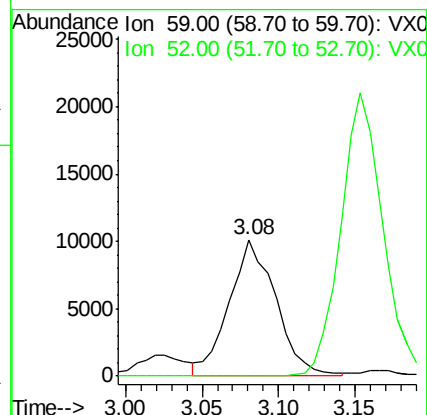
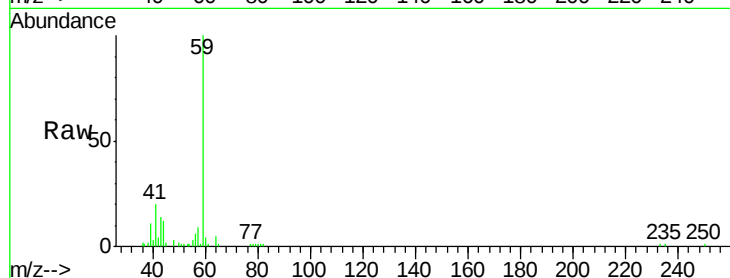
LOQ-NPW-Precision-Bias-2

Tot Ion: 59 Resp: 21515

Ion Ratio Lower Upper

59 100

52 0.3 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 4.68 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001813.D

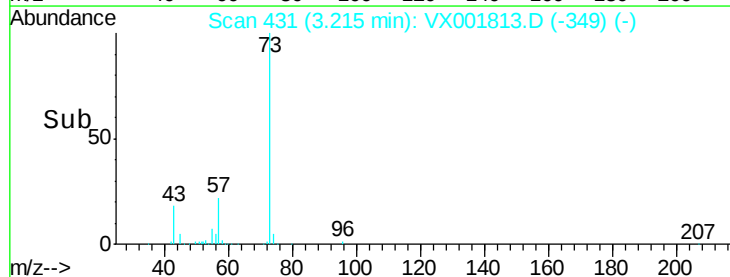
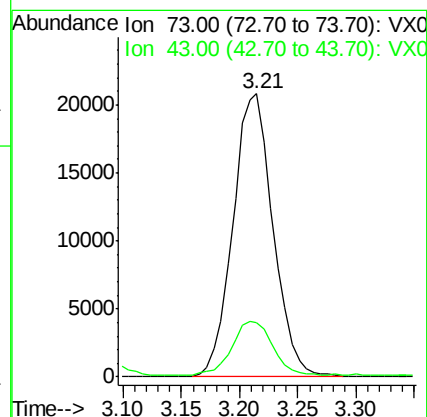
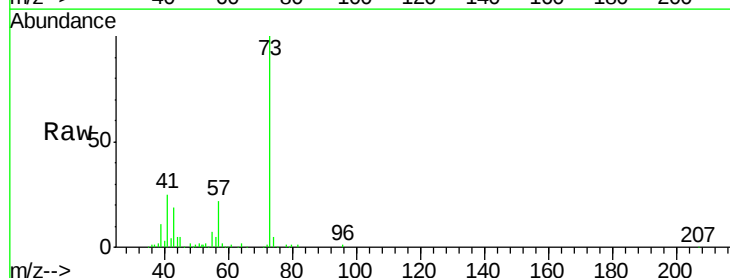
Acq: 18 May 2018 07:47

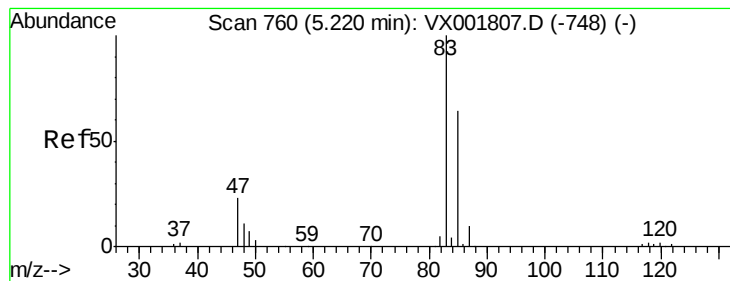
Tgt Ion: 73 Resp: 49861

Ion Ratio Lower Upper

73 100

43 19.5 15.2 22.8





#25

Chloroform

Concen: 5.17 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

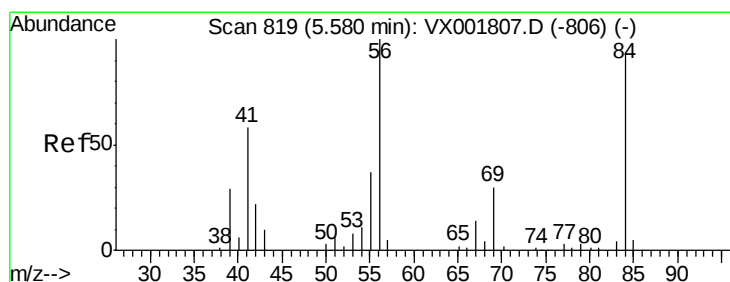
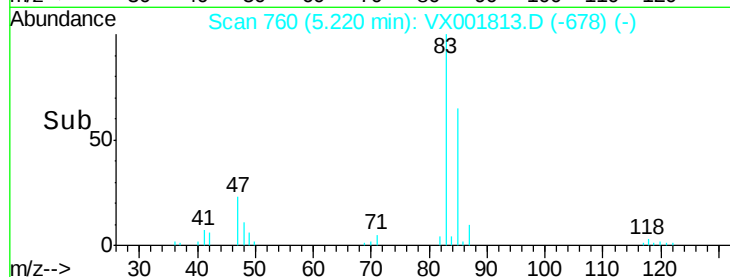
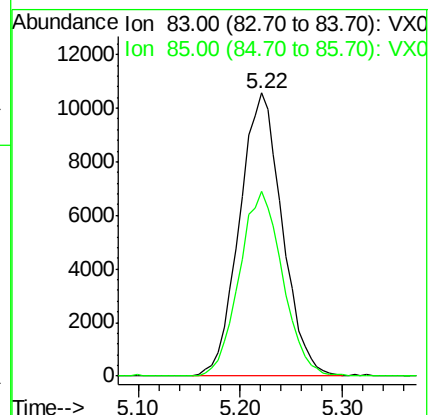
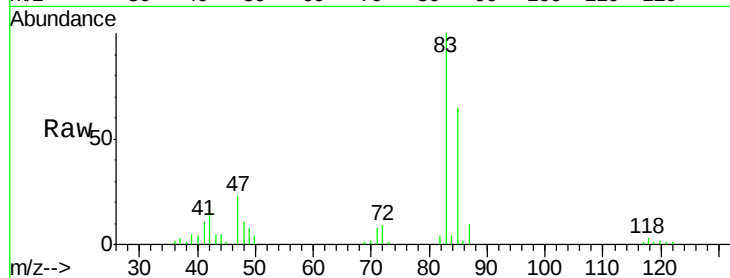
LOQ-NPW-Precision-Bias-2

Tot Ion: 83 Resp: 30773

Ion Ratio Lower Upper

83 100

85 65.2 51.6 77.4



#26

Cyclohexane

Concen: 7.81 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

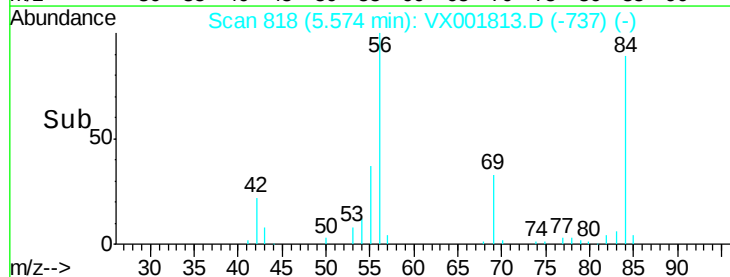
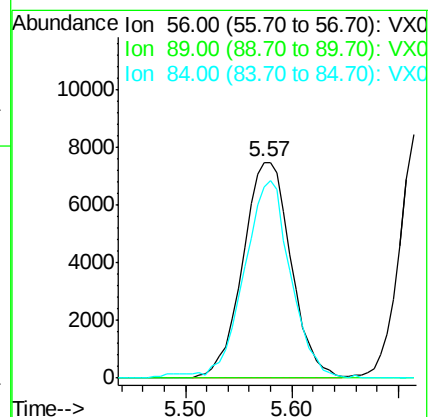
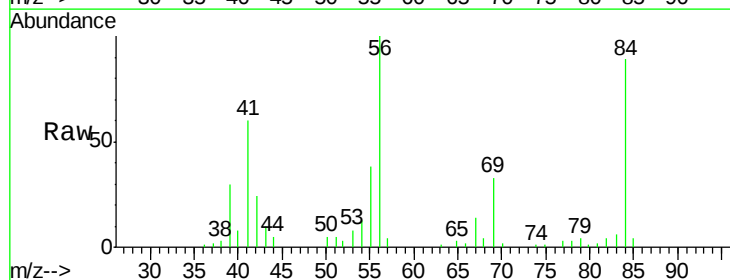
Tgt Ion: 56 Resp: 23715

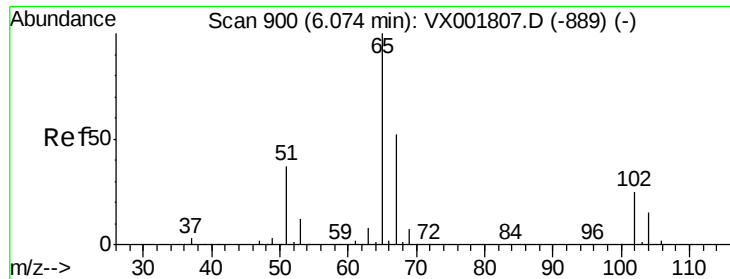
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.4 73.8 110.8

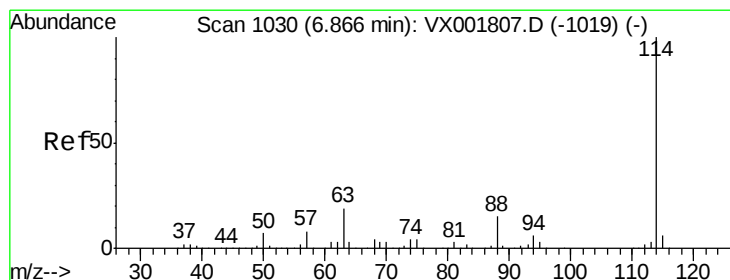
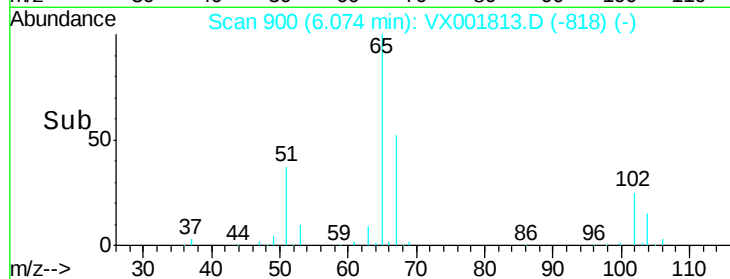
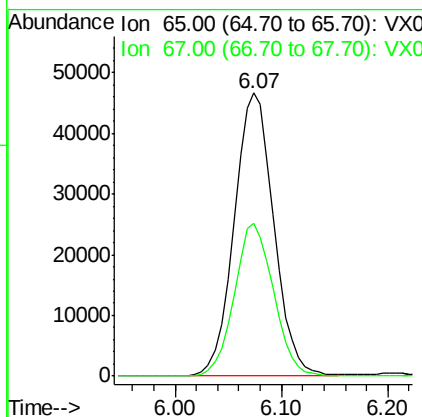
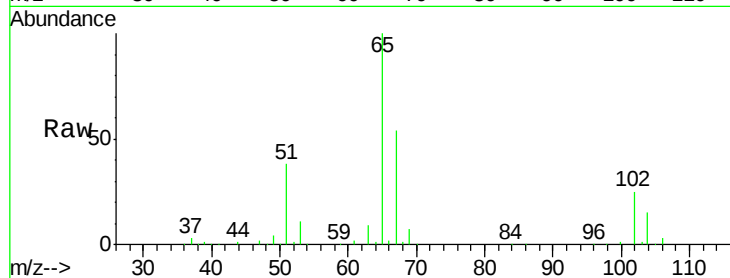




#27
 1,2-Dichloroethane-d4
 Concen: 29.64 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

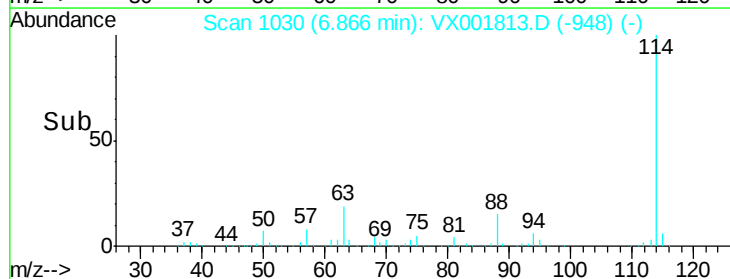
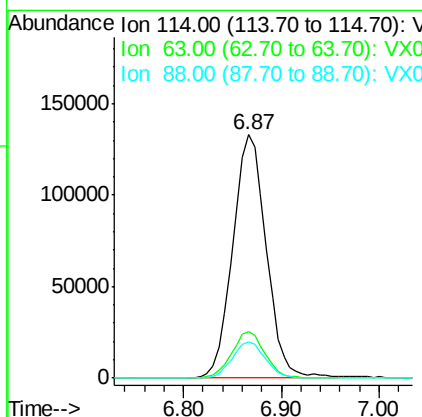
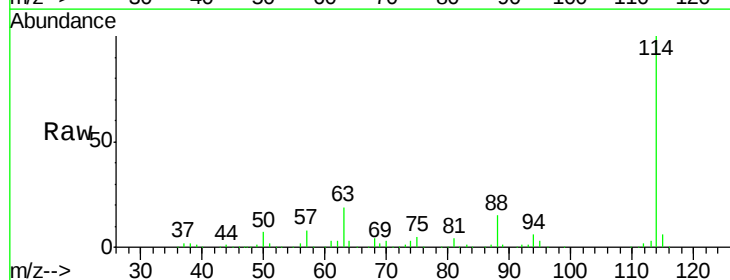
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

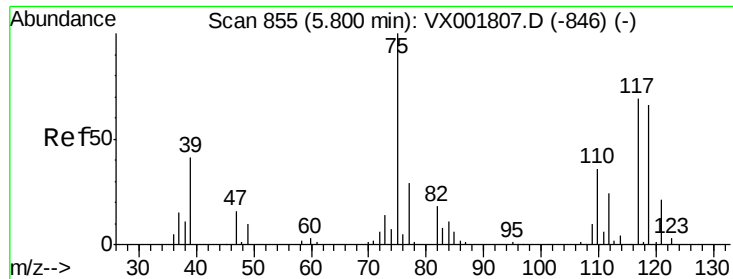
Tot Ion: 65 Resp: 121647
 Ion Ratio Lower Upper
 65 100
 67 53.2 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion: 114 Resp: 316635
 Ion Ratio Lower Upper
 114 100
 63 18.9 14.9 22.3
 88 14.8 11.8 17.8

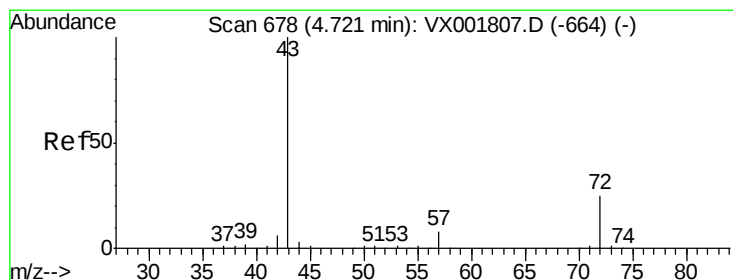
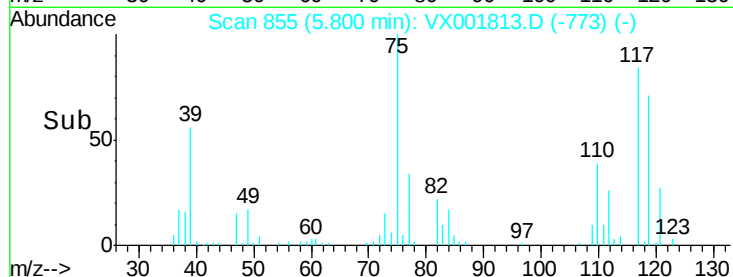
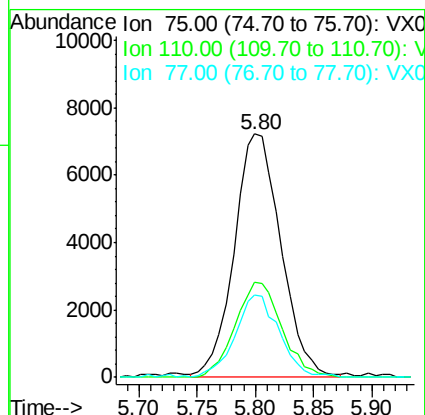
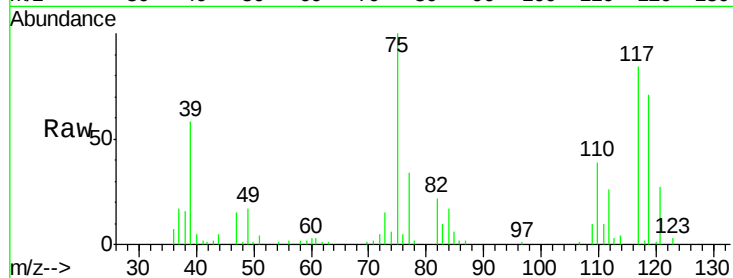




#29
 1,1-Dichloropropene
 Concen: 5.61 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

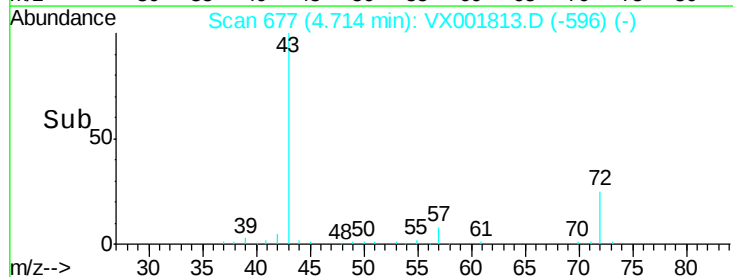
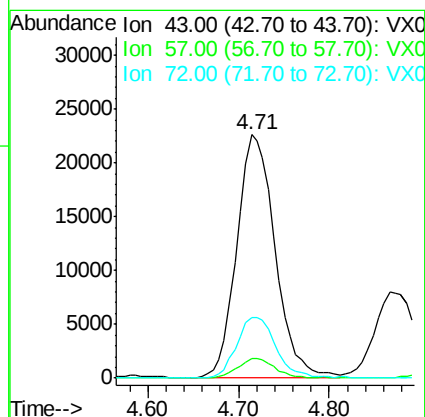
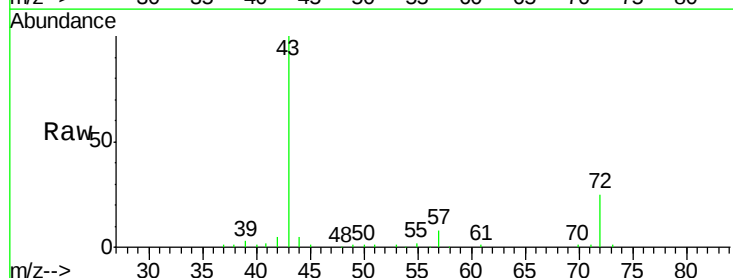
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

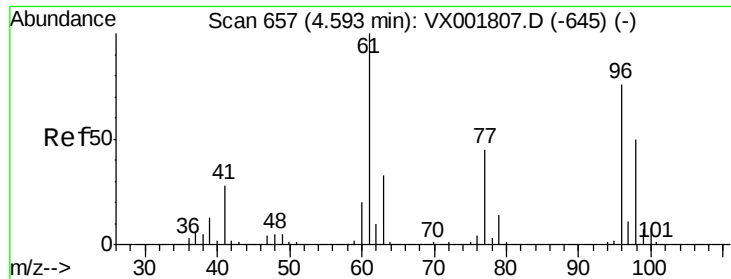
Tot Ion: 75 Resp: 20144
 Ion Ratio Lower Upper
 75 100
 110 39.0 0.0 75.2
 77 31.8 0.0 61.6



#30
 2-Butanone
 Concen: 20.52 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion: 43 Resp: 66461
 Ion Ratio Lower Upper
 43 100
 57 7.7 6.4 9.6
 72 25.3 20.6 30.8

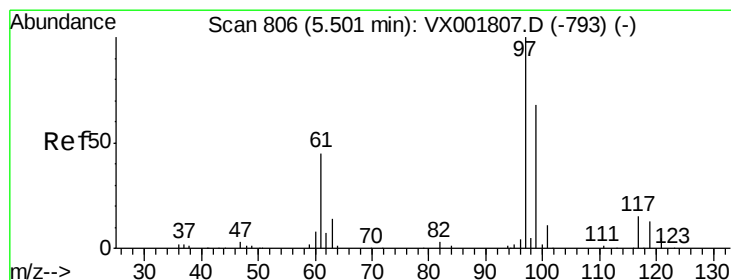
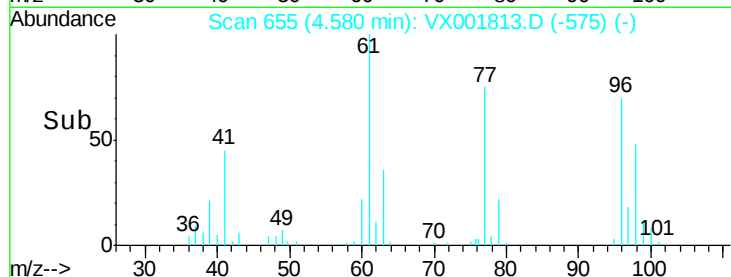
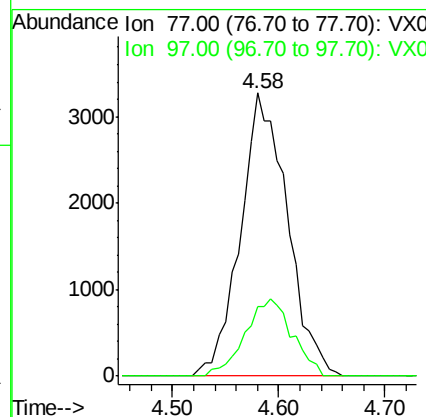
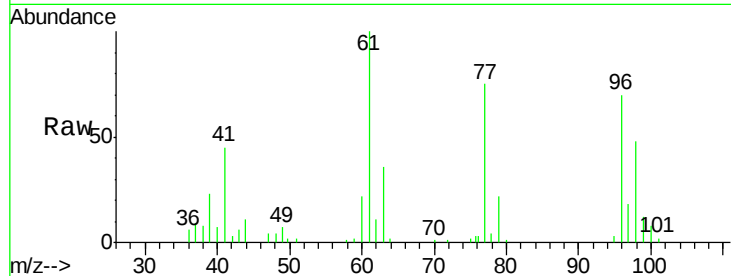




#31
 2,2-Dichloropropane
 Concen: 4.44 ug/l
 RT: 4.58 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

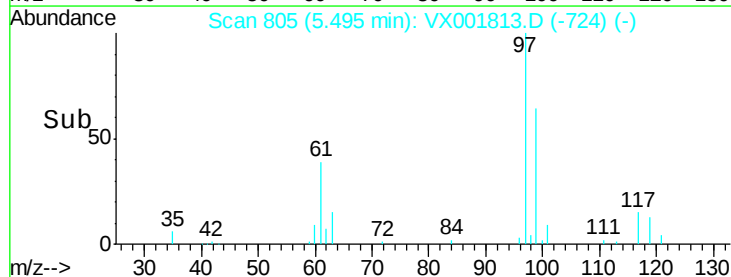
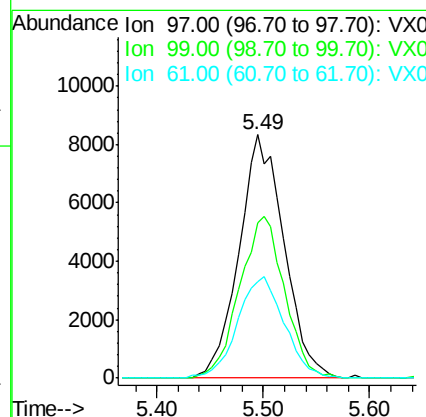
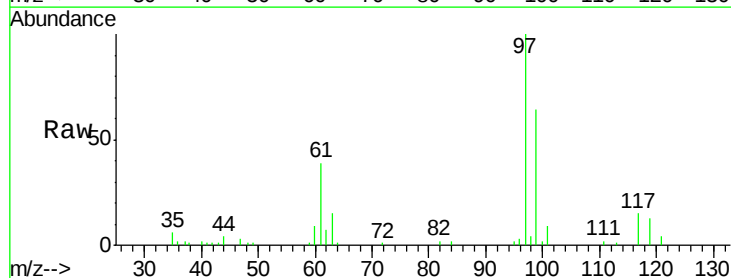
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

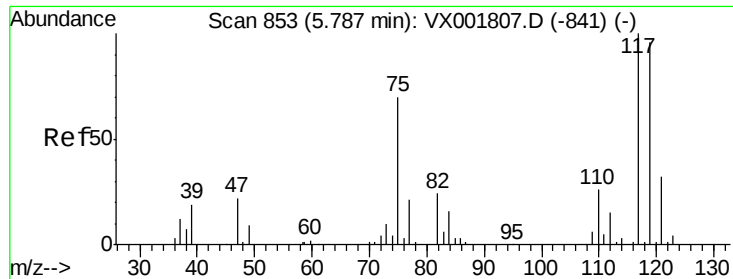
Tot Ion: 77 Resp: 10090
 Ion Ratio Lower Upper
 77 100
 97 27.3 22.3 33.5



#32
 1,1,1-Trichloroethane
 Concen: 5.19 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion: 97 Resp: 24713
 Ion Ratio Lower Upper
 97 100
 99 66.2 52.4 78.6
 61 43.1 34.6 51.8

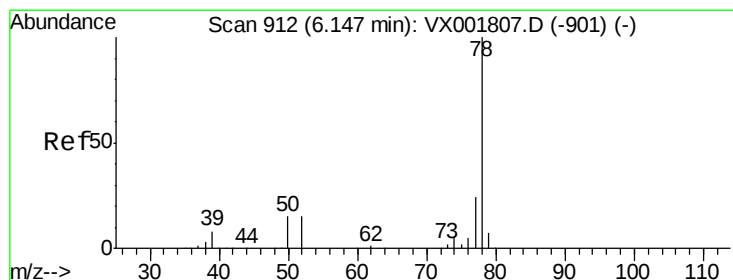
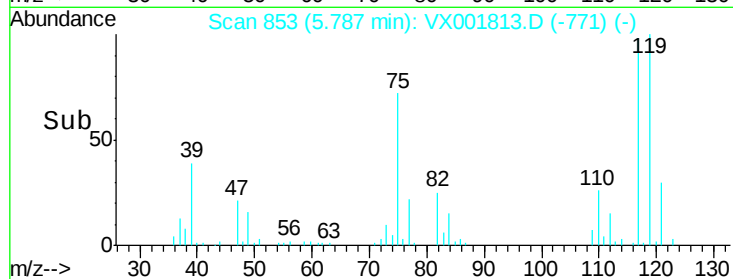
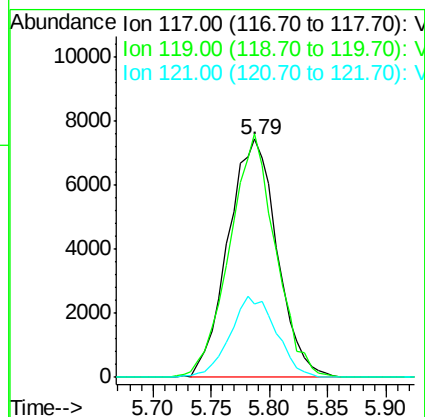
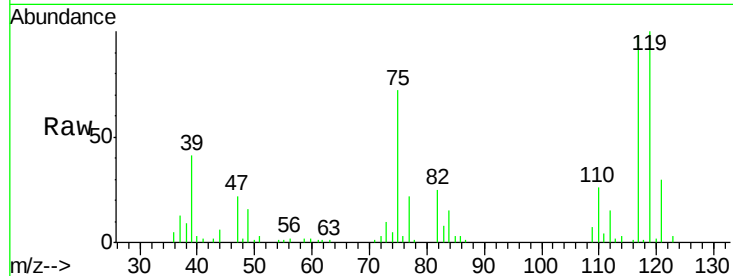




#33
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

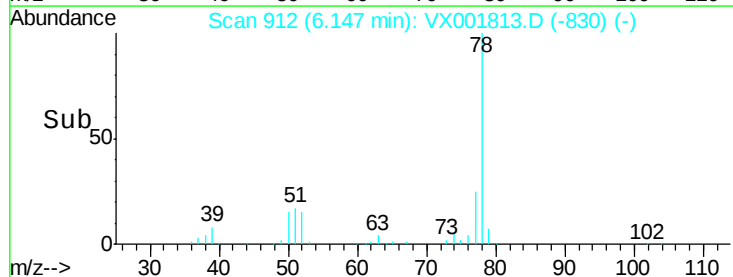
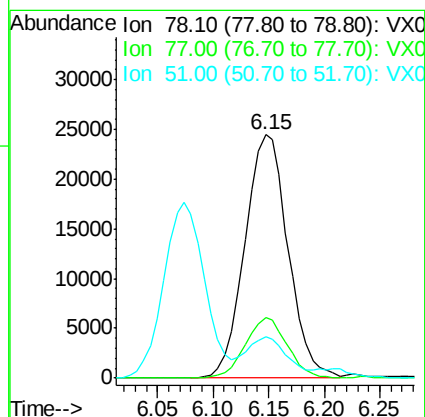
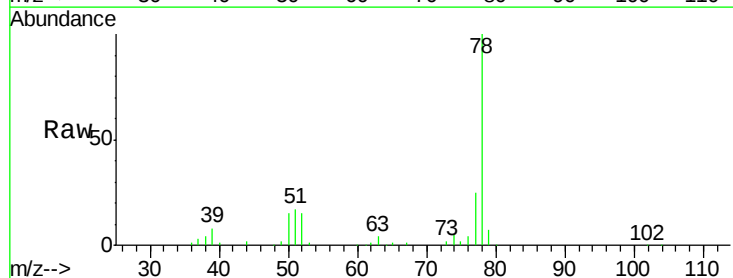
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

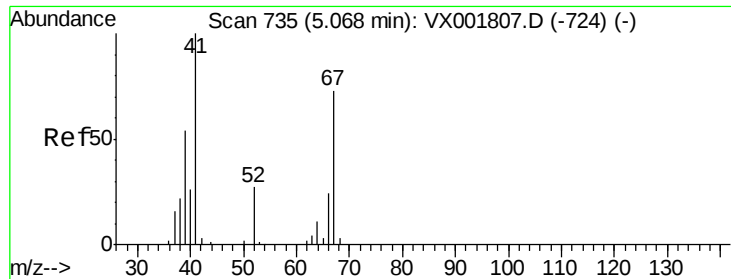
Tot Ion:117 Resp: 21830
Ion Ratio Lower Upper
117 100
119 102.3 76.4 114.6
121 30.7 25.3 37.9



#34
Benzene
Concen: 4.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion: 78 Resp: 66009
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0
51 13.5 13.2 19.8

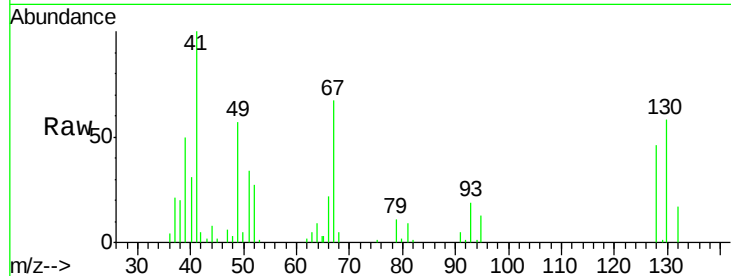




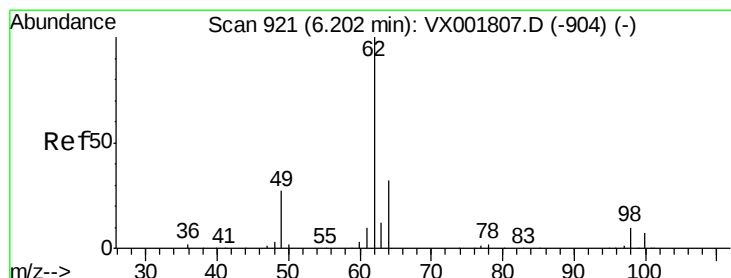
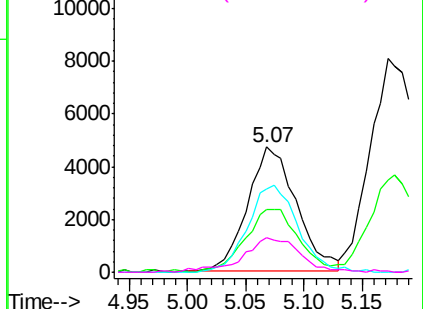
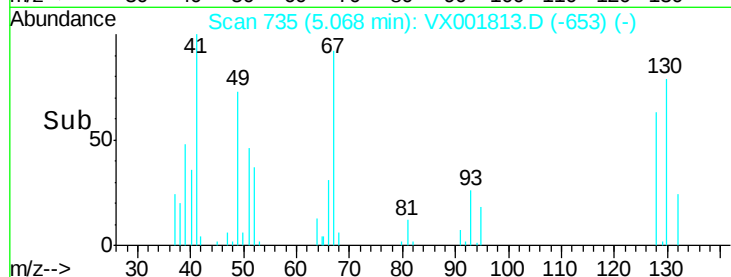
#35
Methacrylonitrile
Concen: 3.99 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

Tot Ion:	41	Resp:	13741
Ion	Ratio	Lower	Upper
41	100		
39	50.3	26.9	80.6
67	67.7	36.8	110.3
52	25.6	13.7	41.1

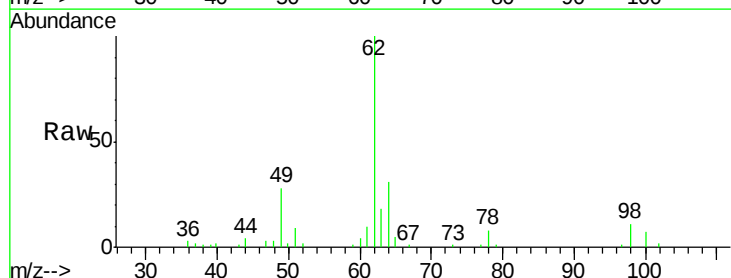


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

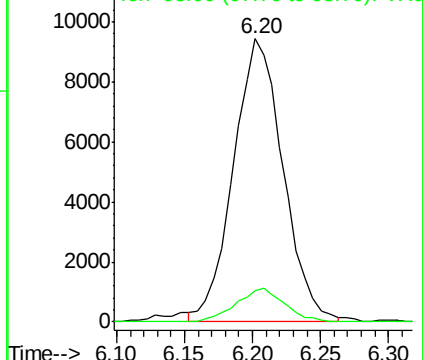
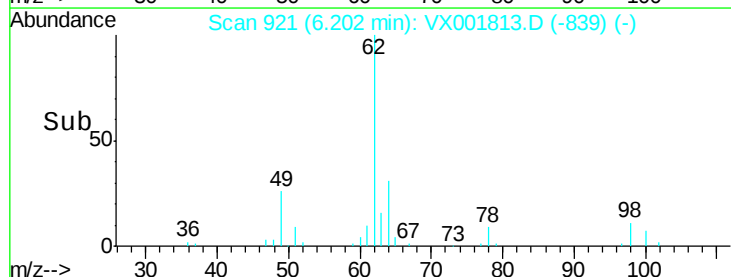


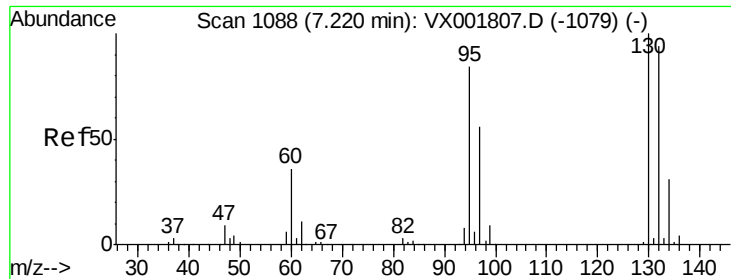
#36
1,2-Dichloroethane
Concen: 4.29 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion:	62	Resp:	24047
Ion	Ratio	Lower	Upper
62	100		
98	11.4	8.6	12.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

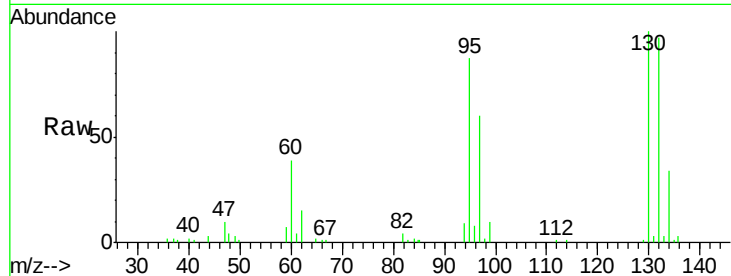




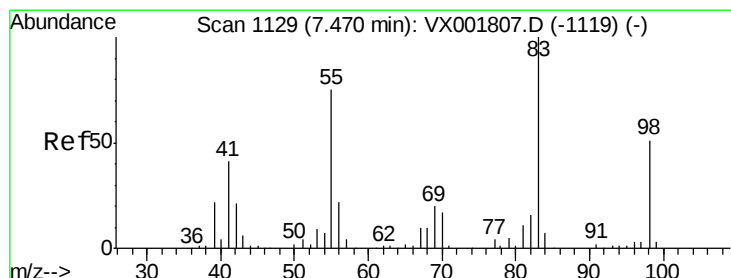
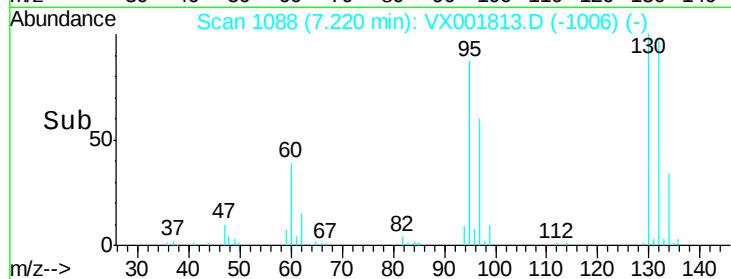
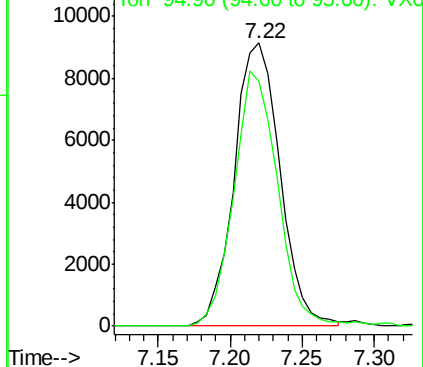
#37
 Trichloroethene
 Concen: 5.15 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

Tot Ion:130 Resp: 20209
 Ion Ratio Lower Upper
 130 100
 95 86.7 67.1 100.7

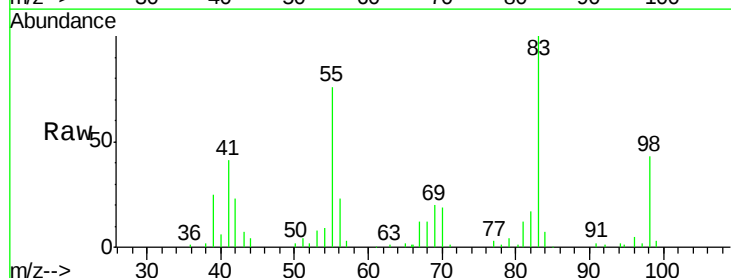


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

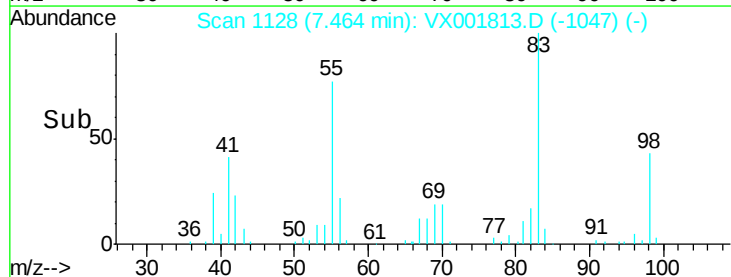
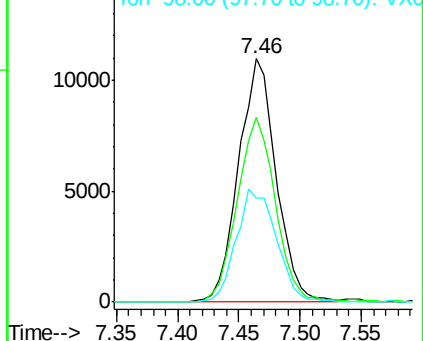


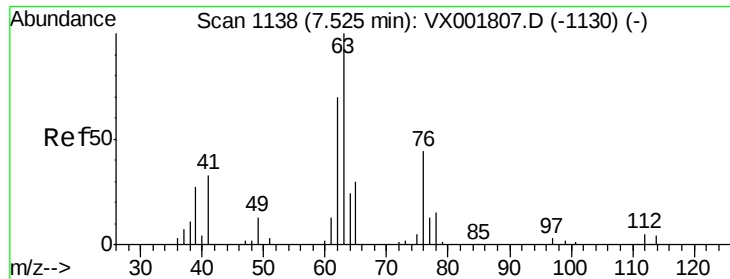
#38
 Methylcyclohexane
 Concen: 7.07 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion: 83 Resp: 23424
 Ion Ratio Lower Upper
 83 100
 55 76.4 40.0 119.9
 98 49.0 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

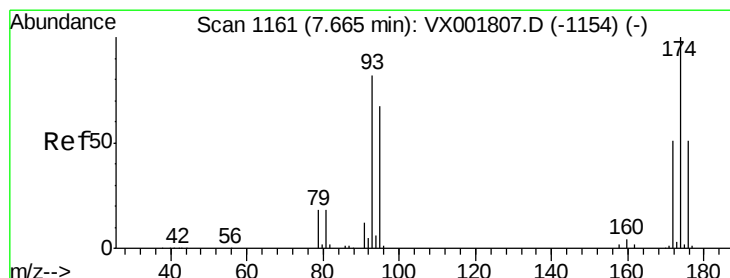
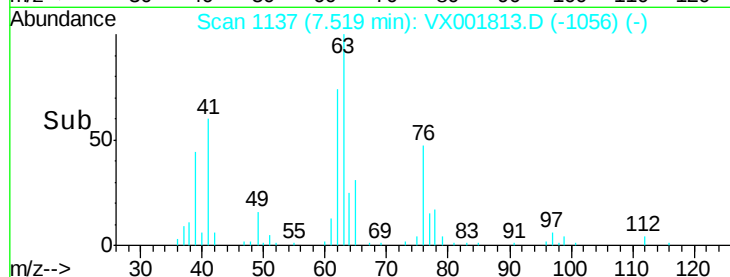
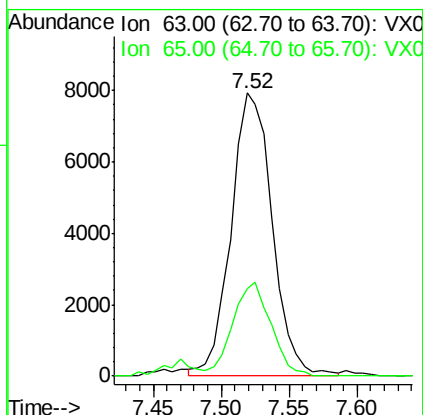
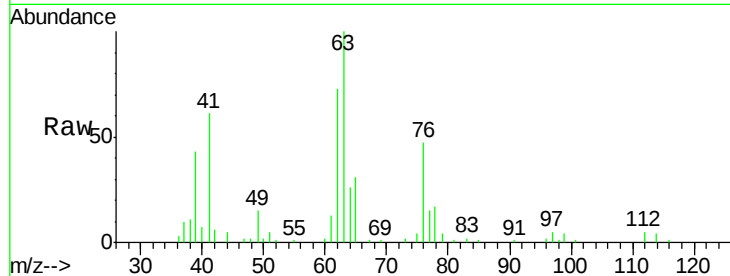




#39
 1,2-Dichloropropane
 Concen: 4.38 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

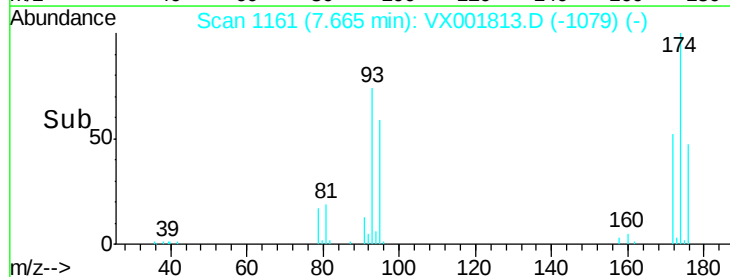
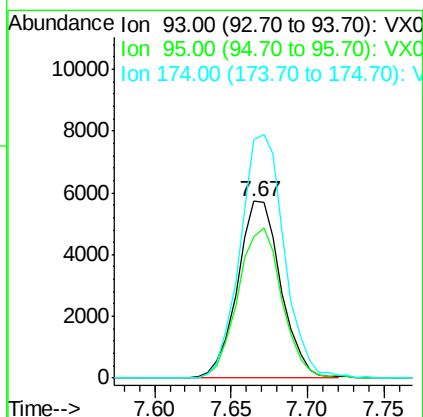
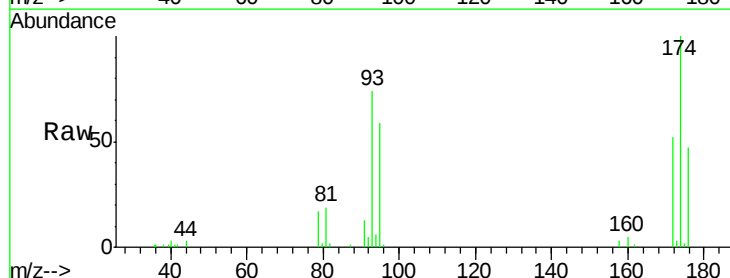
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

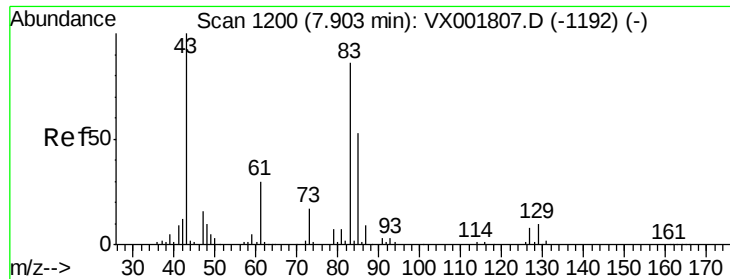
Tot Ion: 63 Resp: 16738
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.4



#40
 Dibromomethane
 Concen: 4.12 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion: 93 Resp: 11302
 Ion Ratio Lower Upper
 93 100
 95 85.4 0.0 167.4
 174 138.8 0.0 269.6





#41

Bromodichloromethane

Concen: 4.02 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

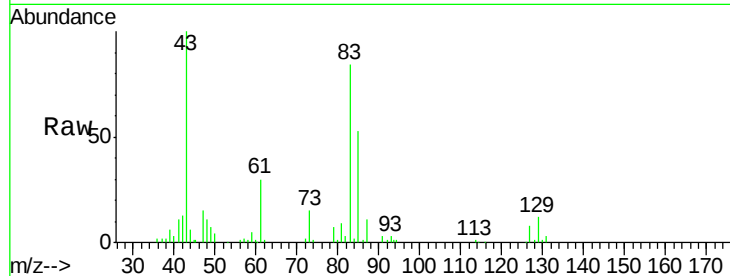
Tot Ion: 83 Resp: 19393

Ion Ratio Lower Upper

83 100

85 63.6 49.6 74.4

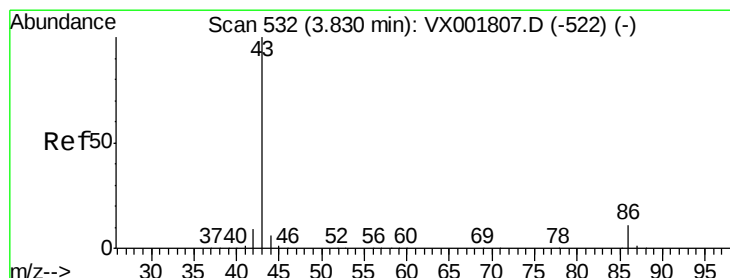
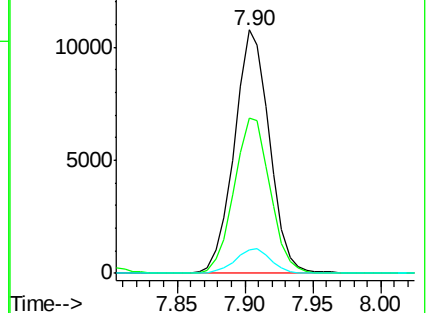
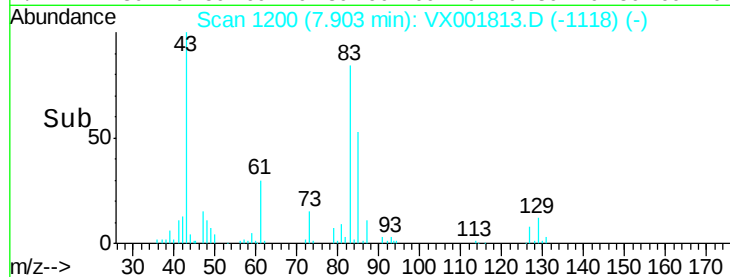
127 9.8 7.0 10.6



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: 23.50 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001813.D

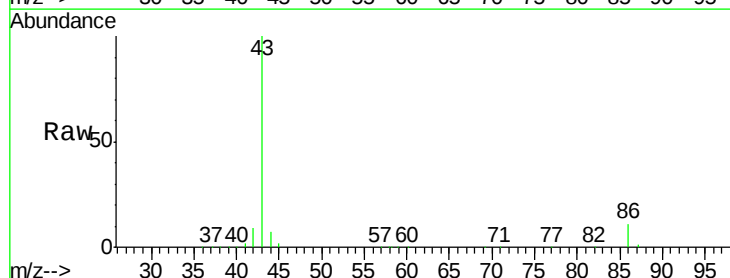
Acq: 18 May 2018 07:47

Tgt Ion: 43 Resp: 206249

Ion Ratio Lower Upper

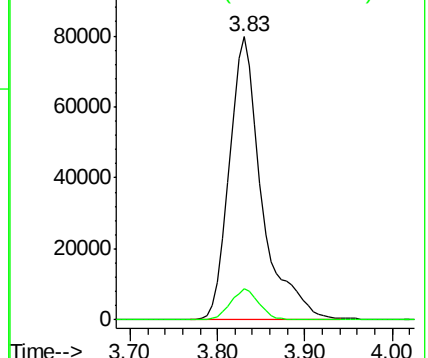
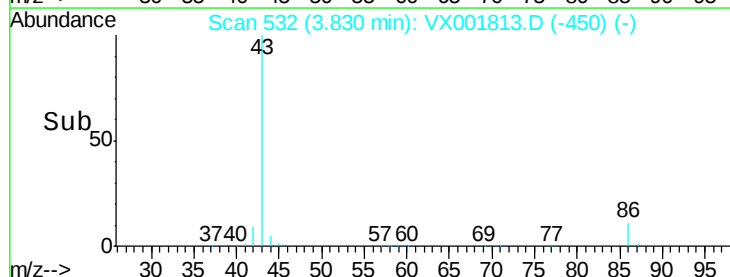
43 100

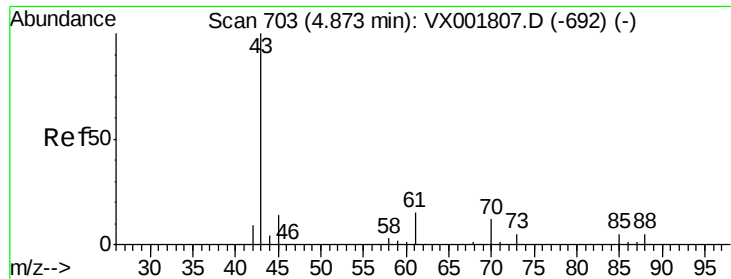
86 9.7 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

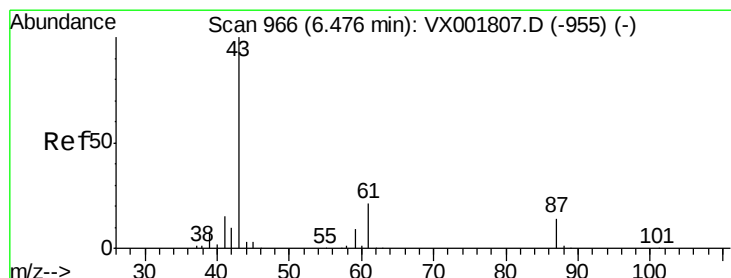
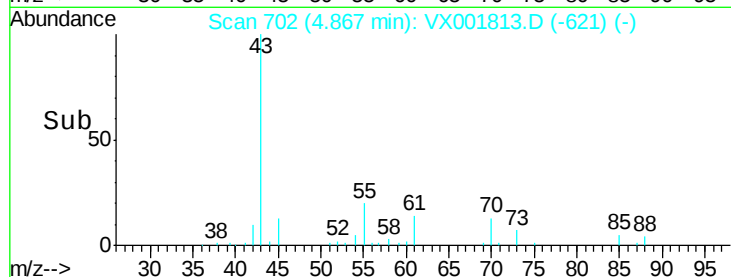
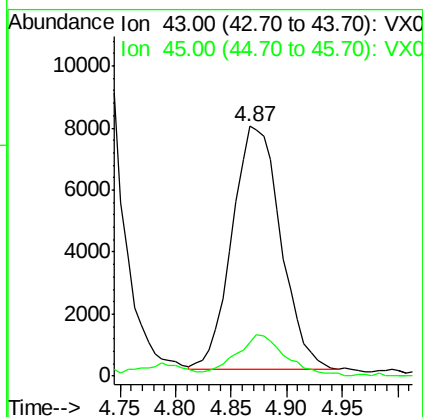
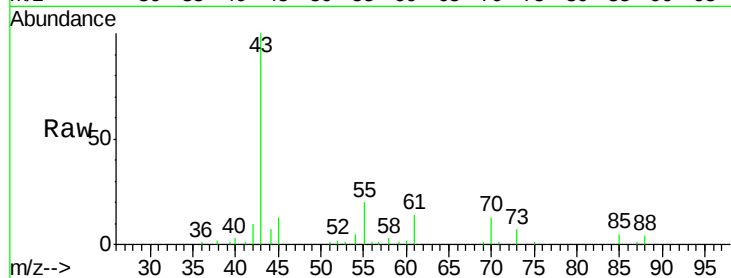




#43
Ethyl Acetate
Concen: 3.86 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

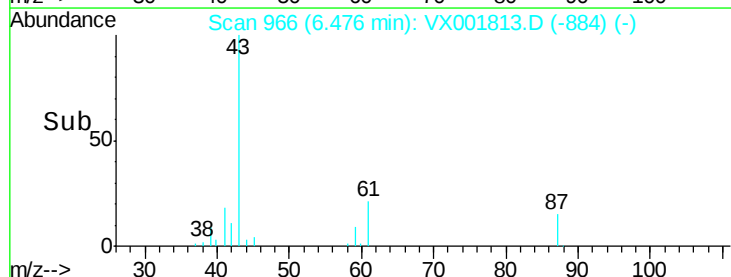
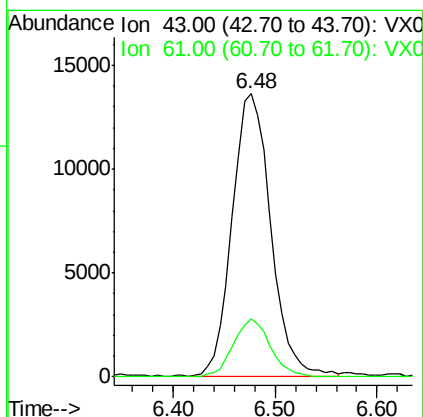
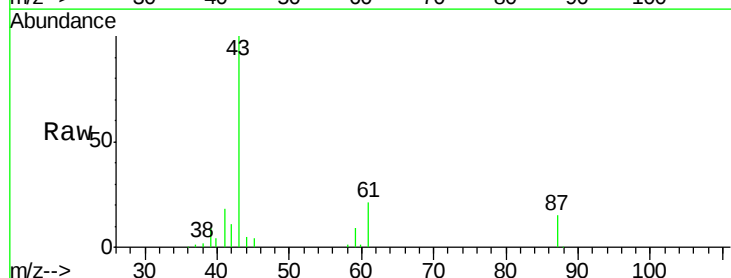
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

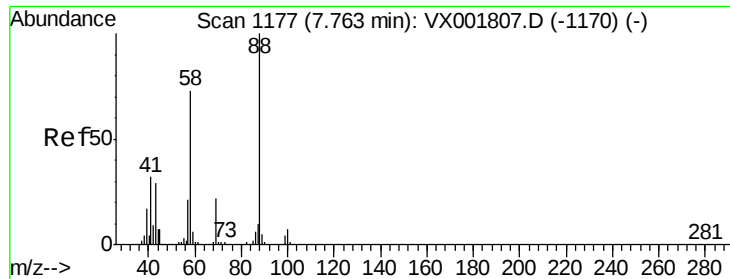
Tot Ion: 43 Resp: 23827
Ion Ratio Lower Upper
43 100
45 17.2 11.8 17.6



#44
Isopropyl Acetate
Concen: 4.02 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion: 43 Resp: 35978
Ion Ratio Lower Upper
43 100
61 19.4 16.6 24.8





#45

1,4-Dioxane

Concen: 80.89 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

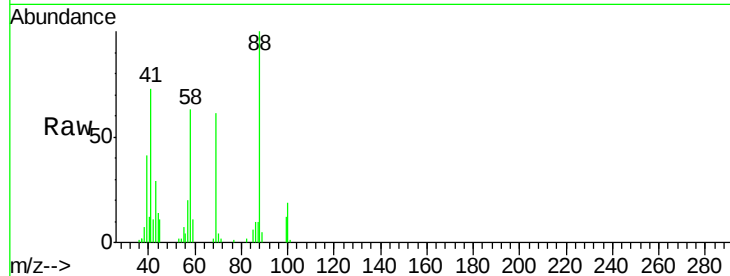
Tot Ion: 88 Resp: 8855

Ion Ratio Lower Upper

88 100

43 30.4 25.0 37.6

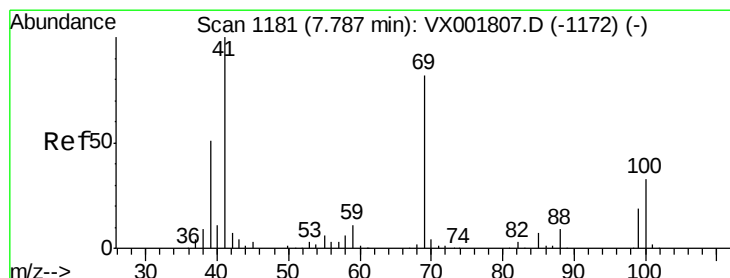
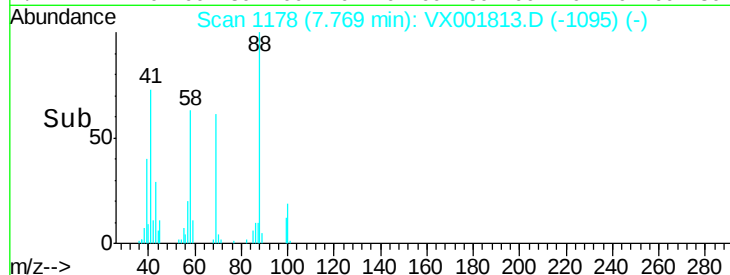
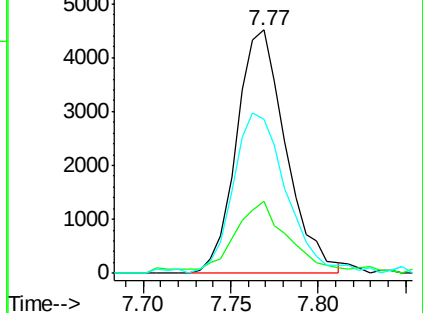
58 70.3 56.9 85.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 3.86 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

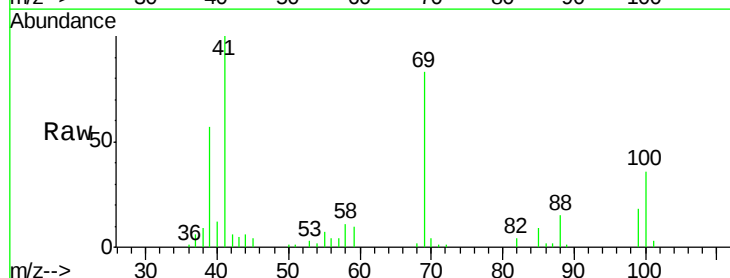
Tgt Ion: 41 Resp: 18178

Ion Ratio Lower Upper

41 100

69 83.5 40.9 122.7

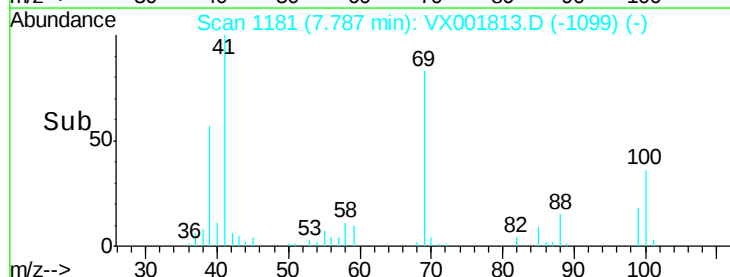
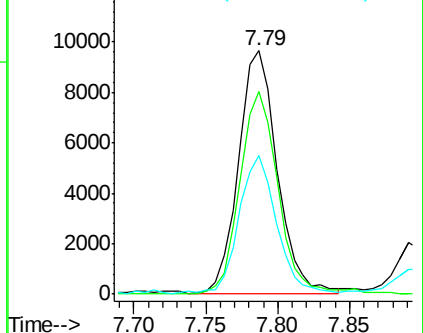
39 55.8 25.3 75.9

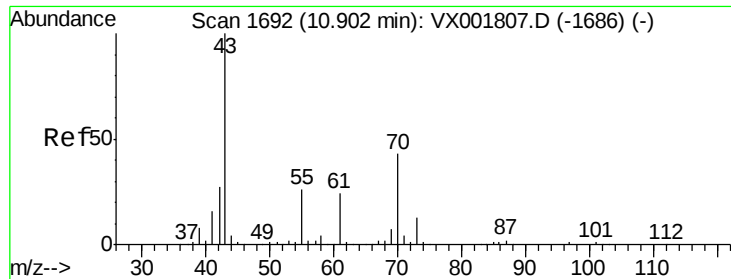


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 3.78 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

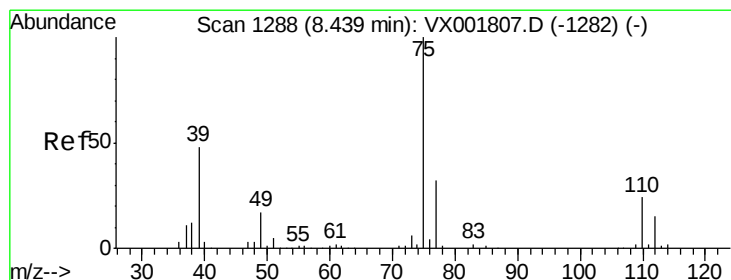
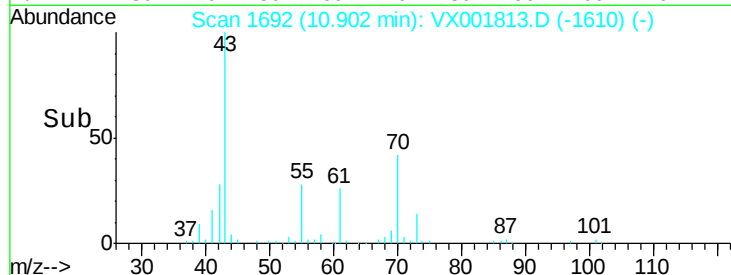
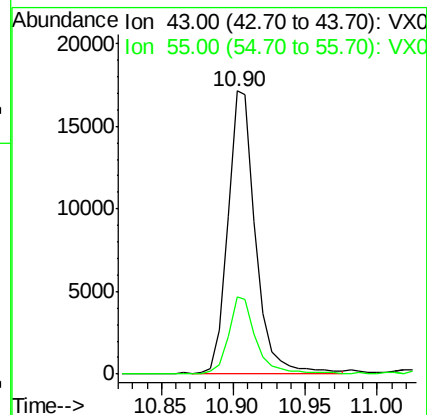
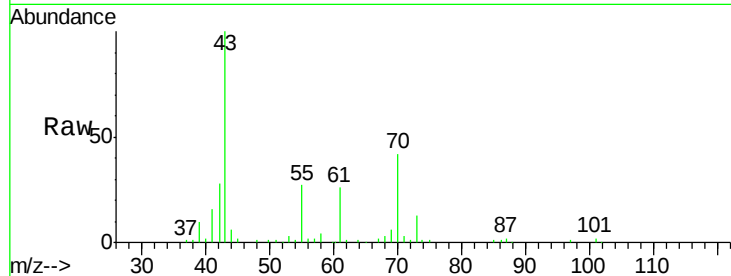
LOQ-NPW-Precision-Bias-2

Tot Ion: 43 Resp: 23442

Ion Ratio Lower Upper

43 100

55 26.7 21.0 31.4



#48

t-1,3-Dichloropropene

Concen: 3.86 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001813.D

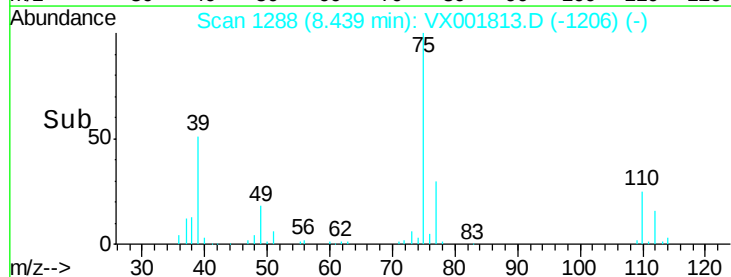
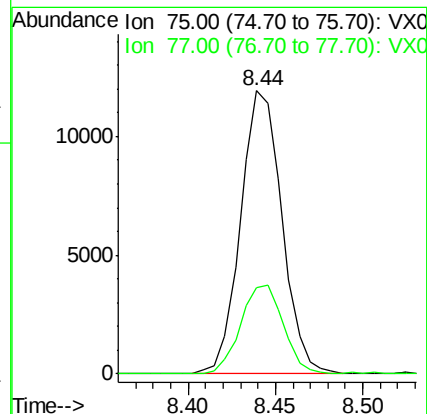
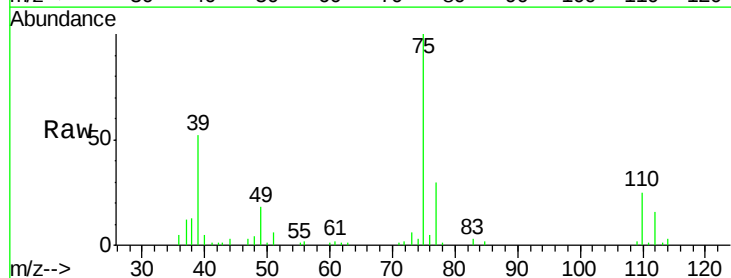
Acq: 18 May 2018 07:47

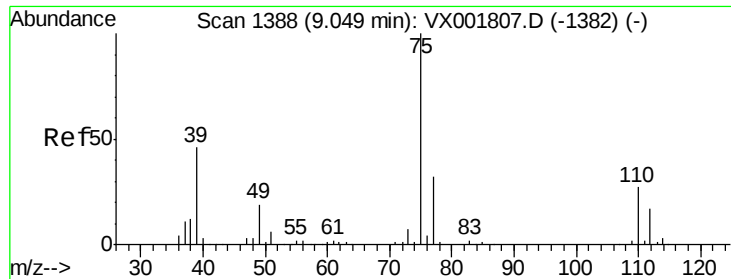
Tgt Ion: 75 Resp: 19617

Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

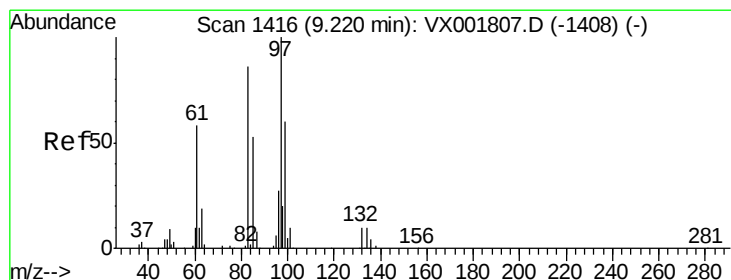
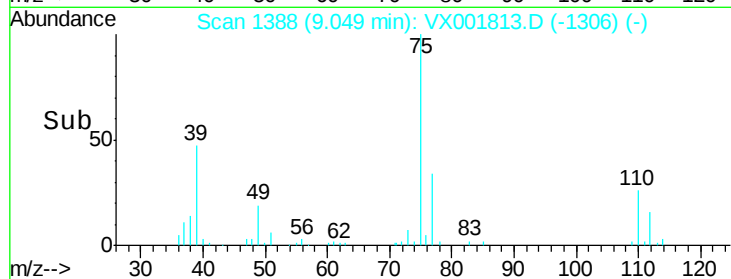
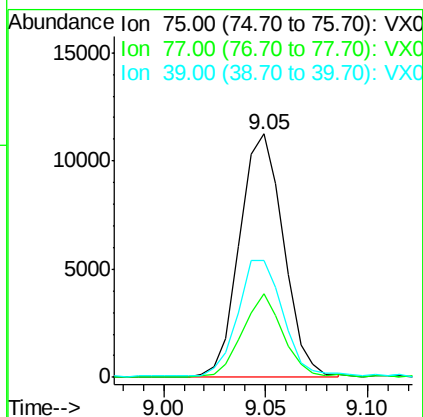
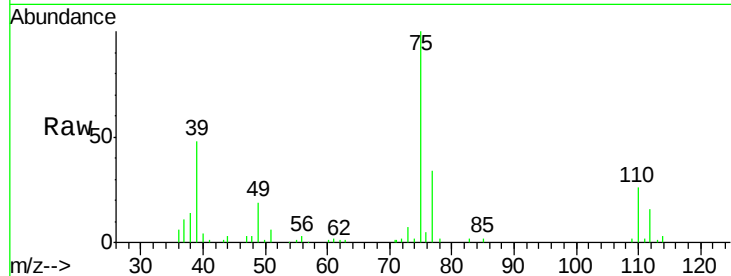




#49
 cis-1,3-Dichloropropene
 Concen: 3.79 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

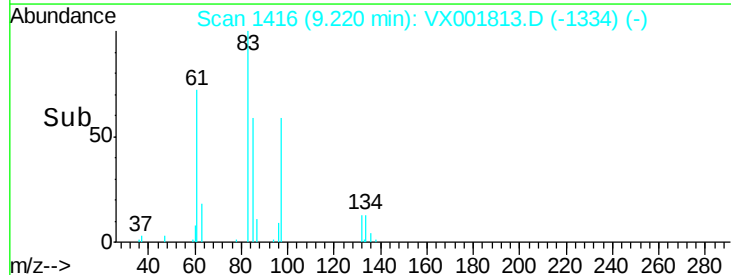
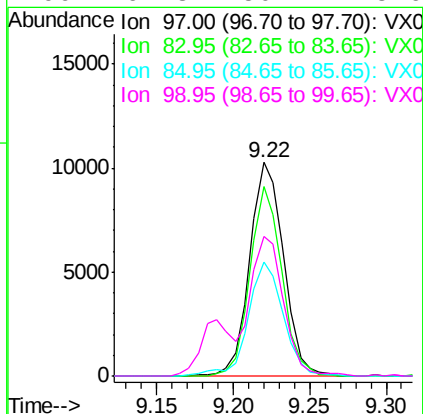
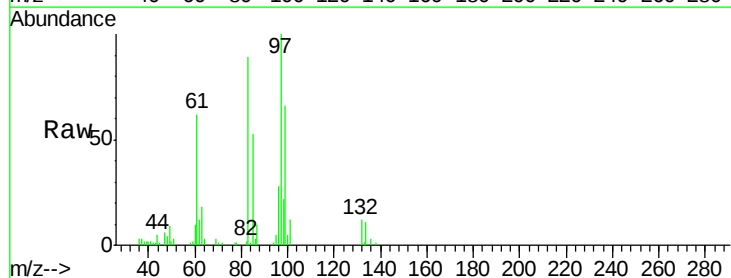
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

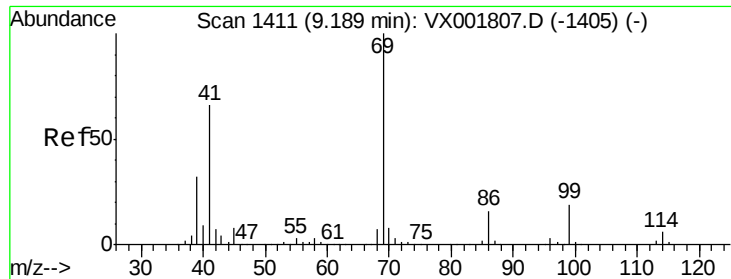
Tot Ion: 75 Resp: 16831
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.5 38.3
 39 46.9 37.0 55.4



#50
 1,1,2-Trichloroethane
 Concen: 4.21 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion: 97 Resp: 15842
 Ion Ratio Lower Upper
 97 100
 83 88.7 68.6 103.0
 85 52.7 42.5 63.7
 99 64.3 50.4 75.6

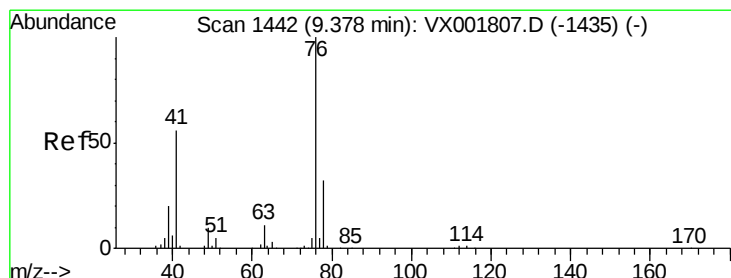
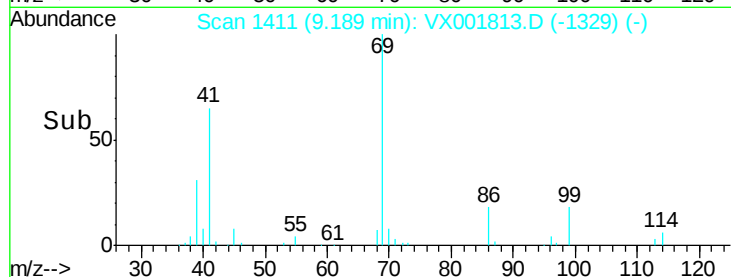
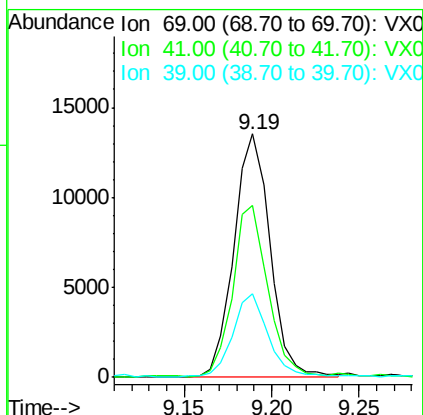
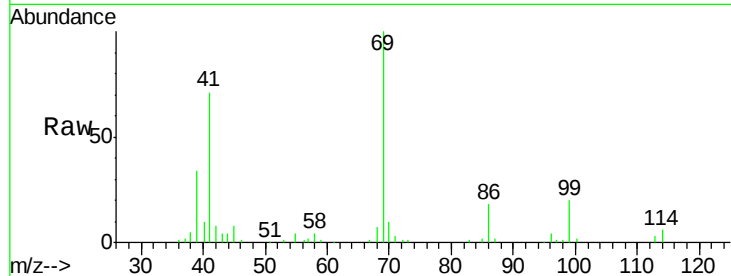




#51
Ethyl methacrylate
Concen: 3.81 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

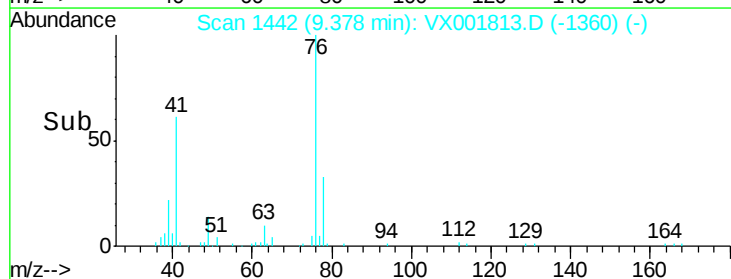
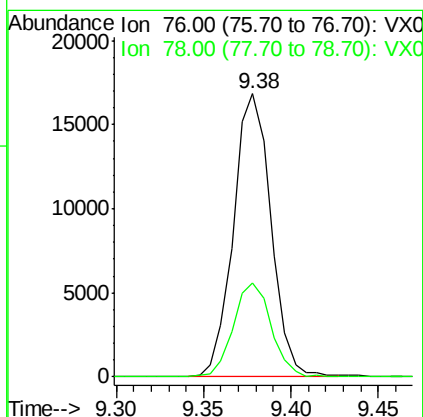
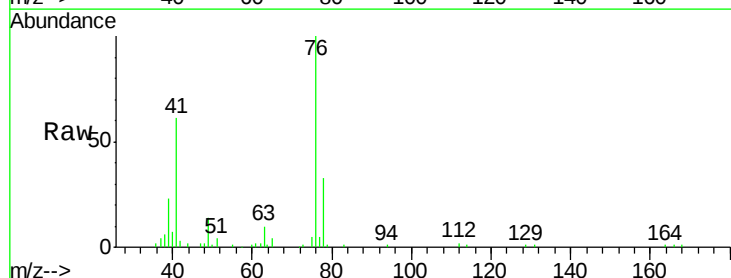
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

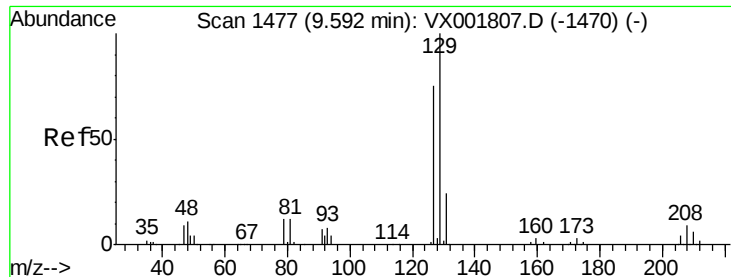
Tot Ion: 69 Resp: 19508
Ion Ratio Lower Upper
69 100
41 70.6 32.9 98.7
39 34.0 16.1 48.2



#52
1,3-Dichloropropane
Concen: 4.22 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion: 76 Resp: 25219
Ion Ratio Lower Upper
76 100
78 33.1 0.0 63.6

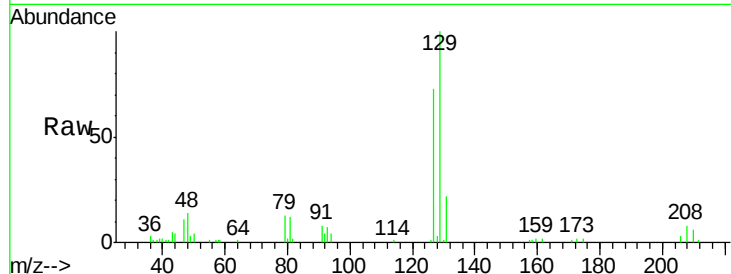




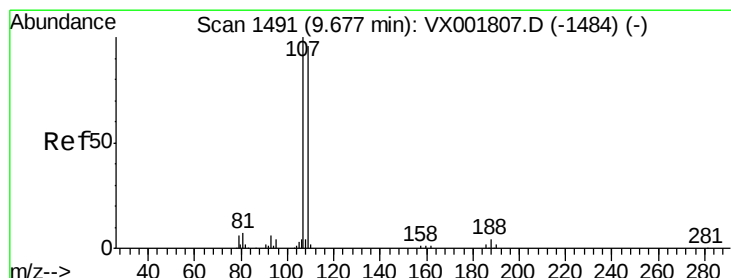
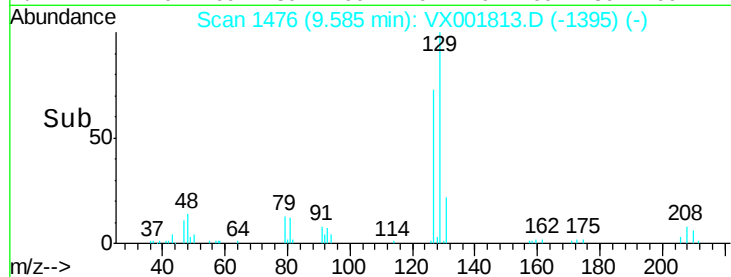
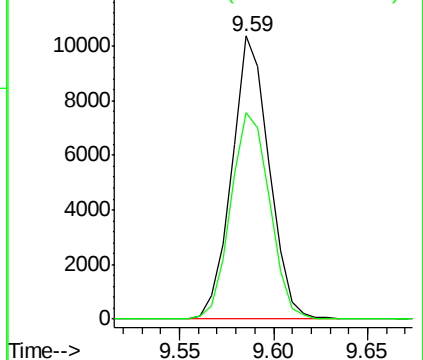
#53
 Dibromochloromethane
 Concen: 3.89 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

Tot Ion:129 Resp: 14240
 Ion Ratio Lower Upper
 129 100
 127 75.7 38.7 116.1

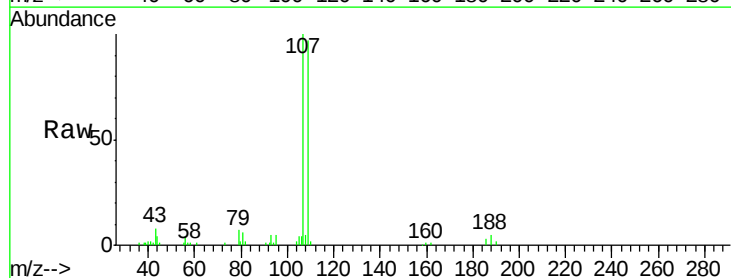


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

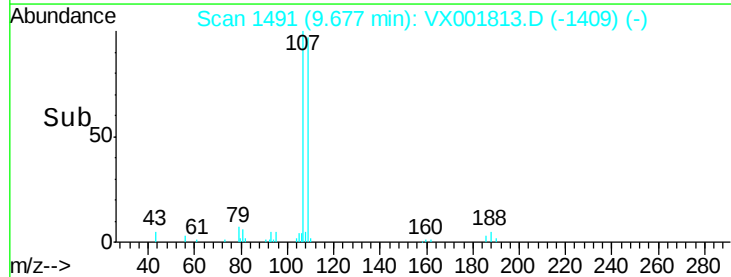
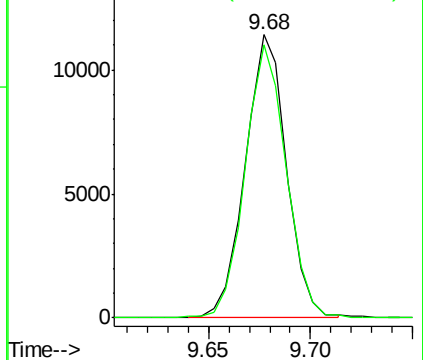


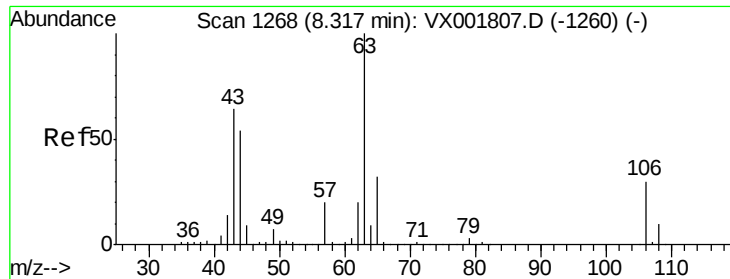
#54
 1,2-Dibromoethane
 Concen: 4.21 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion:107 Resp: 16050
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

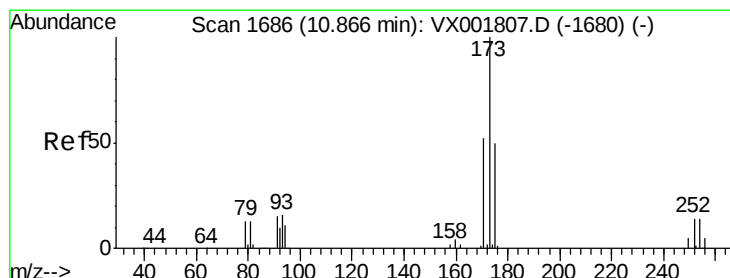
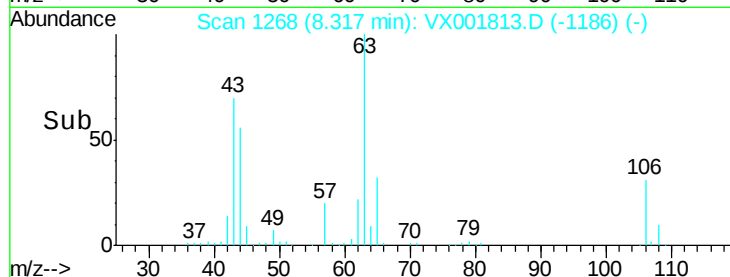
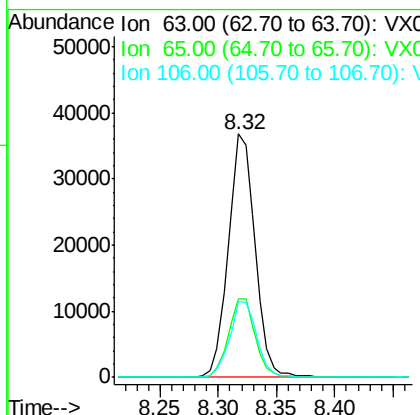
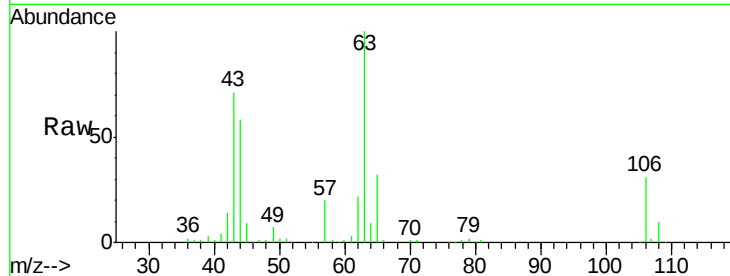




#55
2-Chloroethyl vinyl ether
Concen: 19.72 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

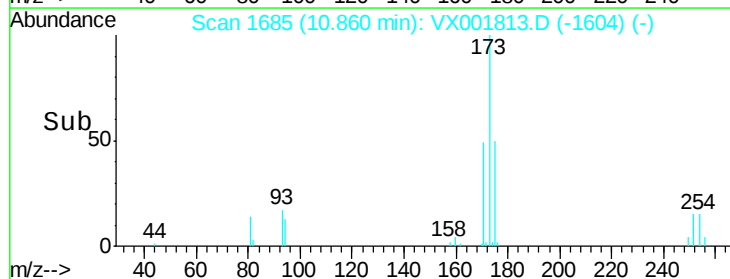
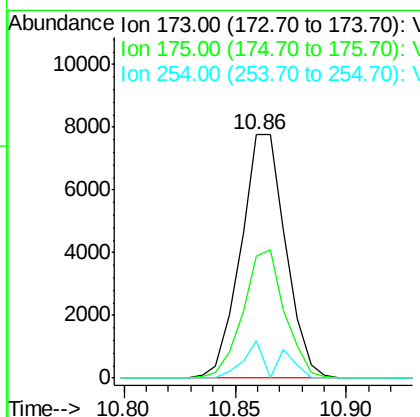
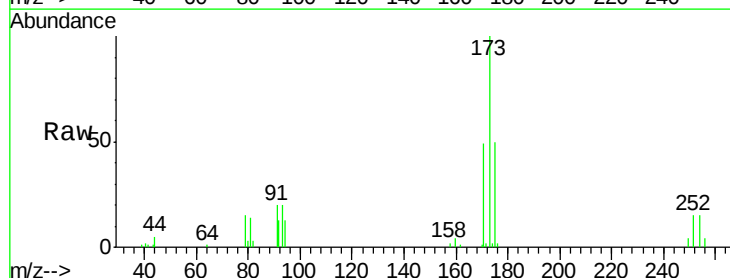
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

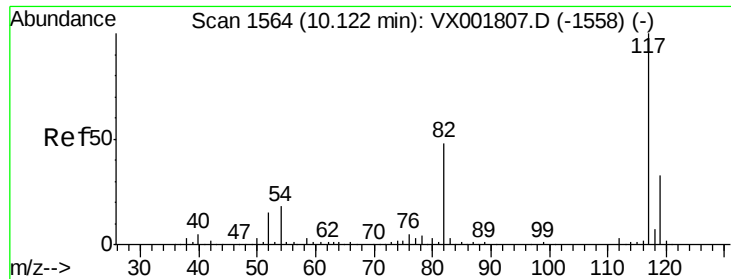
Tot Ion: 63 Resp: 58948
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2
106 31.5 24.9 37.3



#56
Bromoform
Concen: 3.65 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion: 173 Resp: 10901
Ion Ratio Lower Upper
173 100
175 0.0 38.8 58.2#
254 6.6 10.7 16.1#

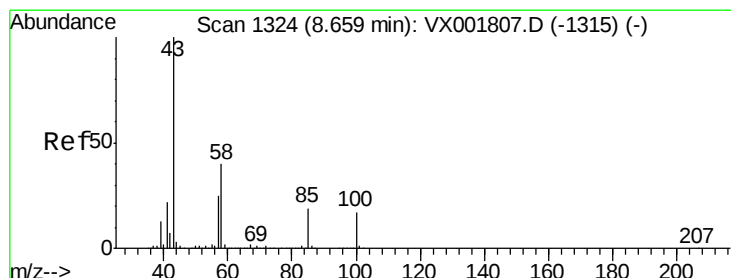
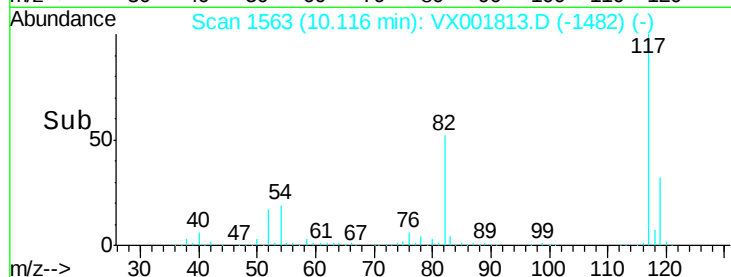
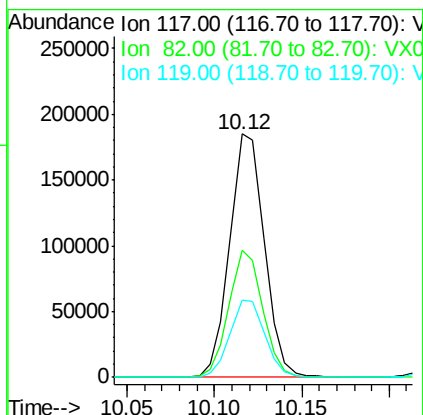
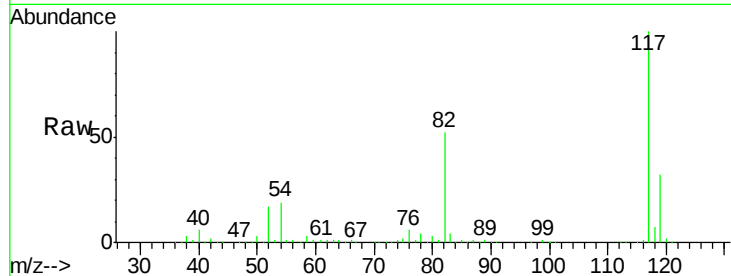




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

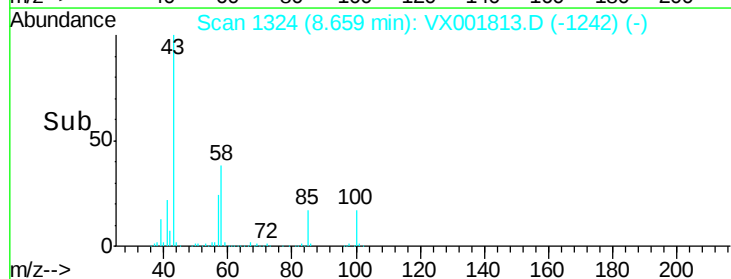
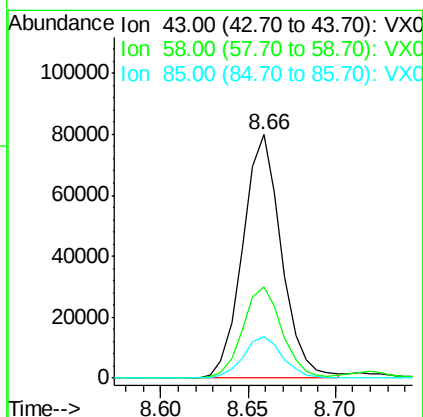
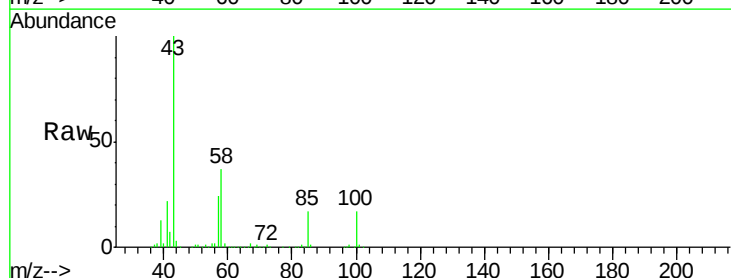
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

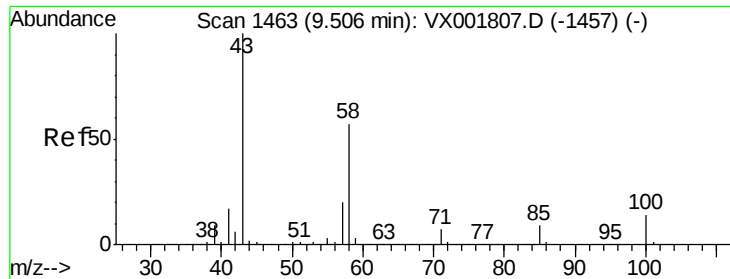
Tot Ion:117 Resp: 256171
Ion Ratio Lower Upper
117 100
82 51.2 40.1 60.1
119 32.2 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 19.16 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion: 43 Resp: 122694
Ion Ratio Lower Upper
43 100
58 38.1 31.3 46.9
85 17.4 14.5 21.7

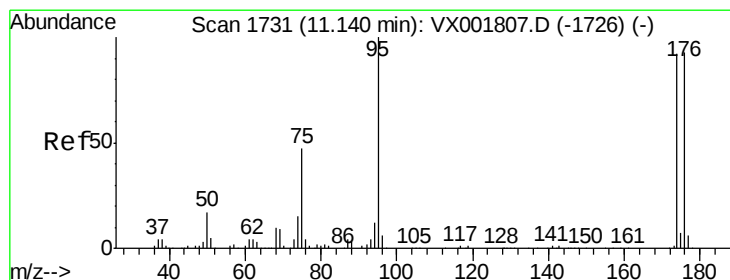
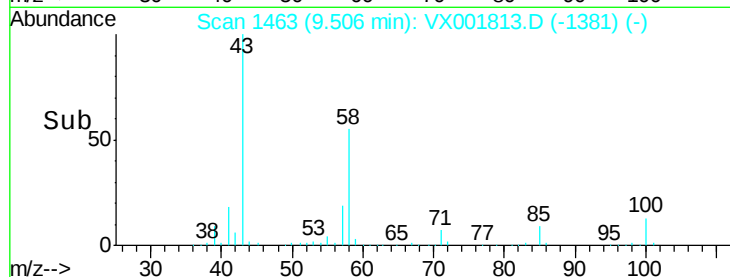
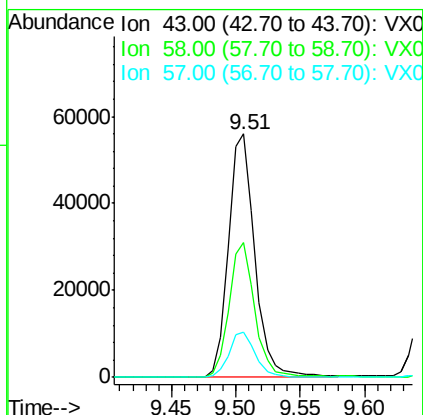
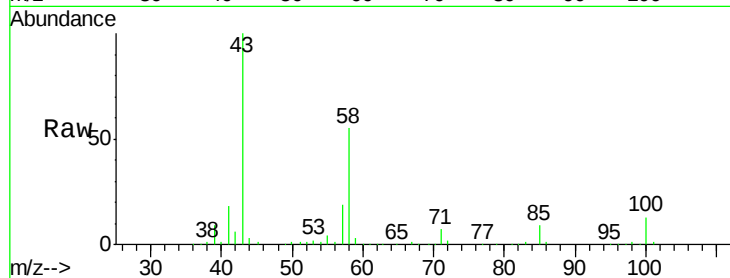




#59
2-Hexanone
Concen: 19.24 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

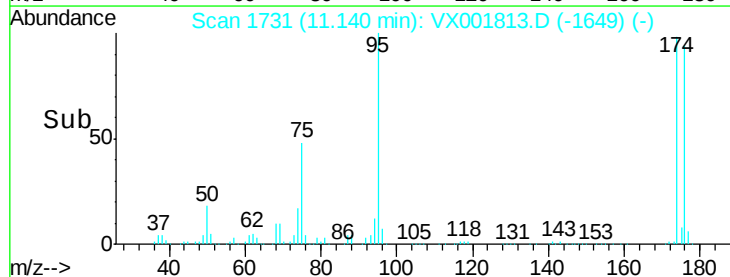
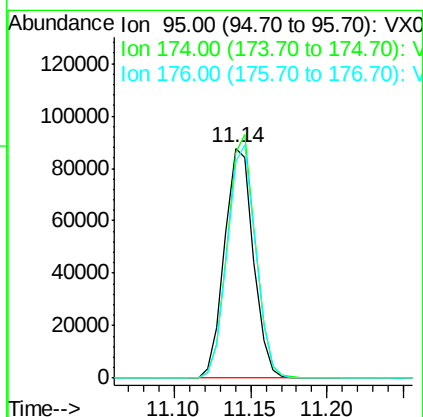
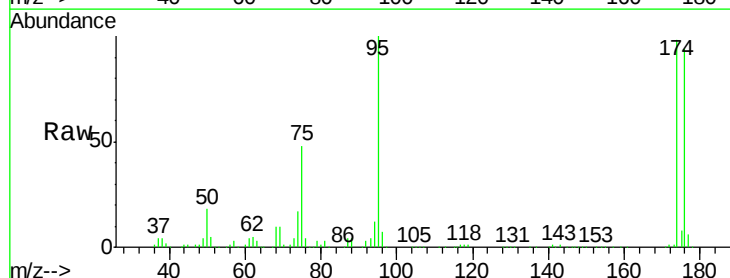
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

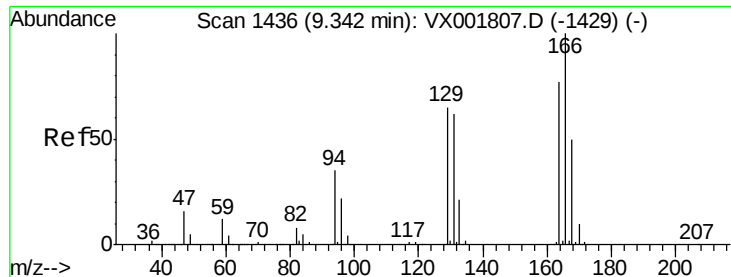
Tot Ion: 43 Resp: 80804
Ion Ratio Lower Upper
43 100
58 53.8 44.6 66.8
57 18.5 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 30.15 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion: 95 Resp: 114841
Ion Ratio Lower Upper
95 100
174 102.8 82.0 123.0
176 100.0 80.6 120.8

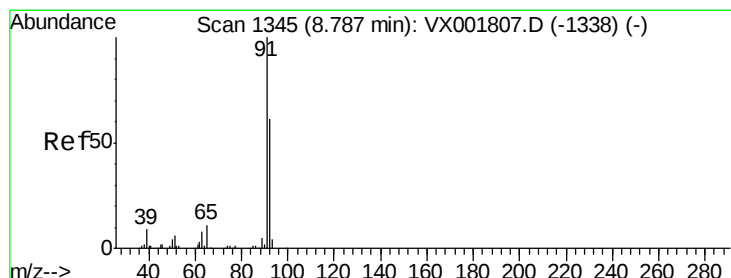
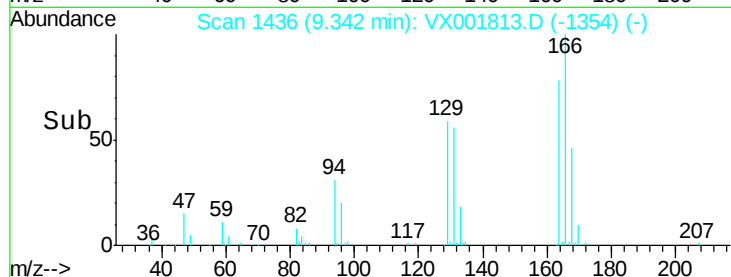
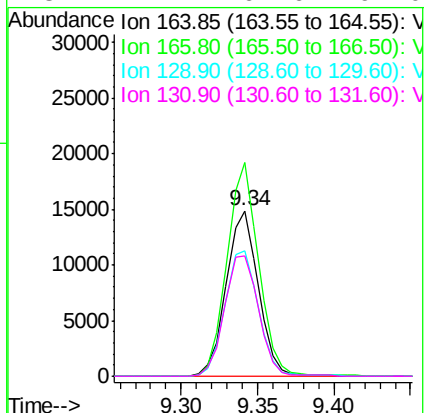
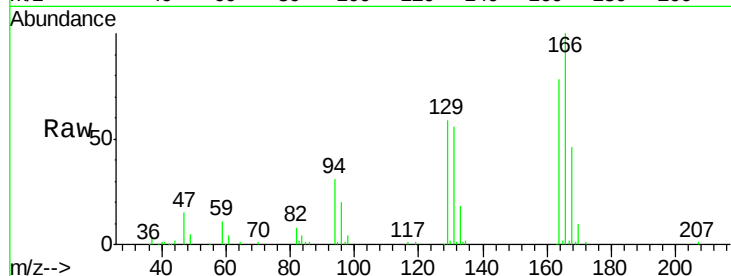




#61
Tetrachloroethene
Concen: 5.73 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

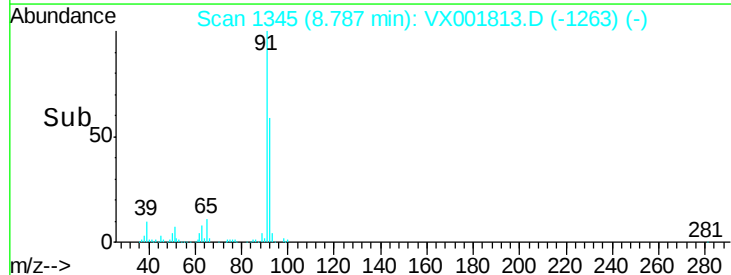
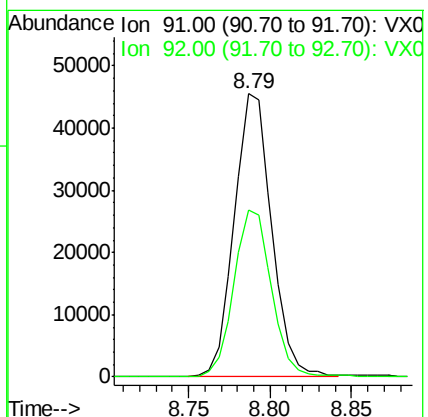
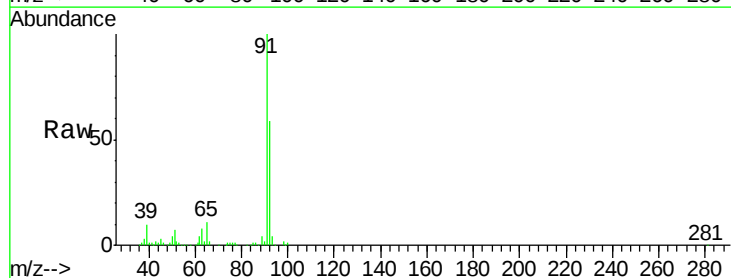
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

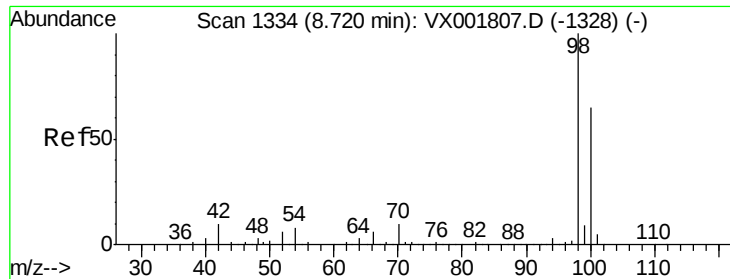
Tot Ion:164 Resp: 21624
Ion Ratio Lower Upper
164 100
166 128.9 104.1 156.1
129 75.4 67.8 101.8
131 72.4 64.6 97.0



#62
Toluene
Concen: 4.91 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion: 91 Resp: 72690
Ion Ratio Lower Upper
91 100
92 59.6 47.8 71.6





#63

Toluene-d8

Concen: 30.19 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

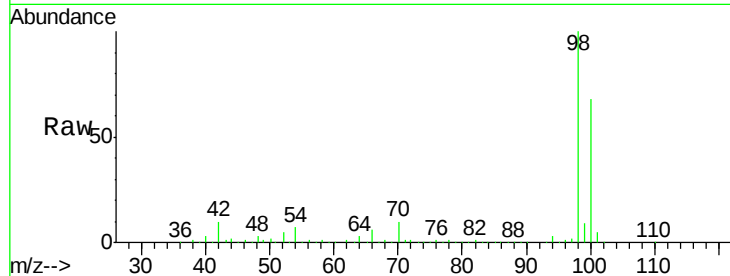
LOQ-NPW-Precision-Bias-2

Tot Ion: 98 Resp: 390804

Ion Ratio Lower Upper

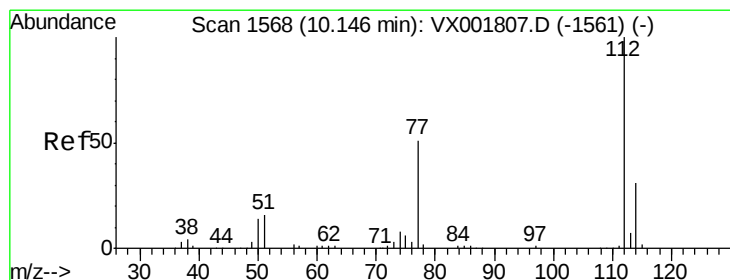
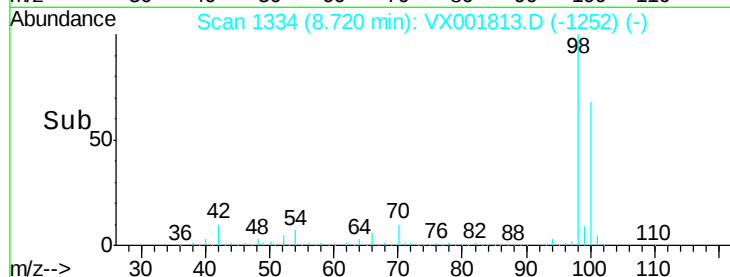
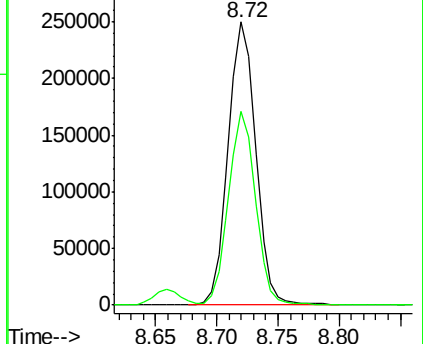
98 100

100 67.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 5.01 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001813.D

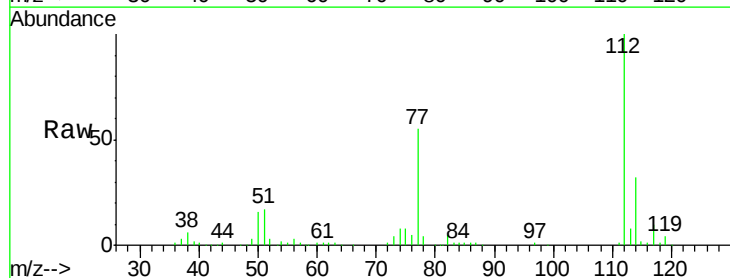
Acq: 18 May 2018 07:47

Tgt Ion: 112 Resp: 43425

Ion Ratio Lower Upper

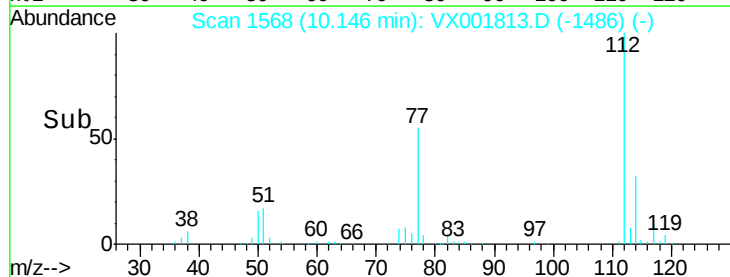
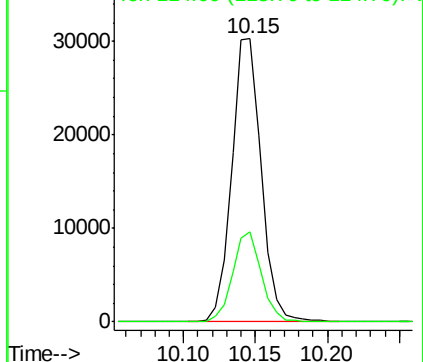
112 100

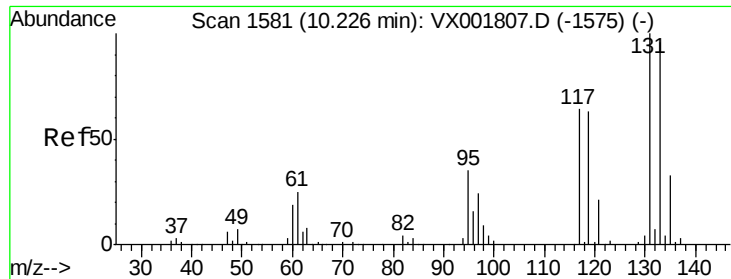
114 31.9 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 4.29 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

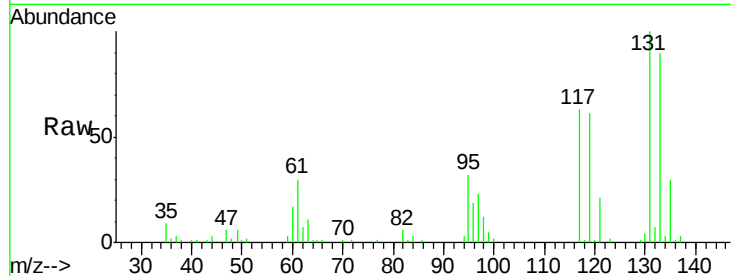
Tot Ion:131 Resp: 14986

Ion Ratio Lower Upper

131 100

133 96.5 0.0 192.2

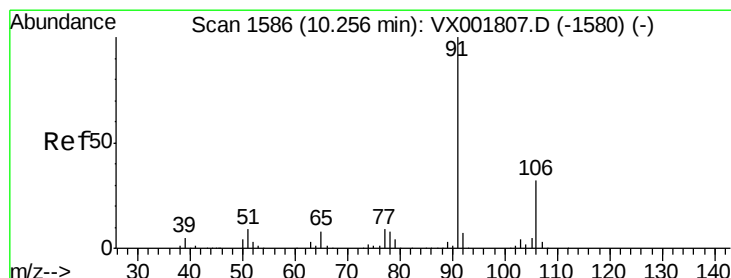
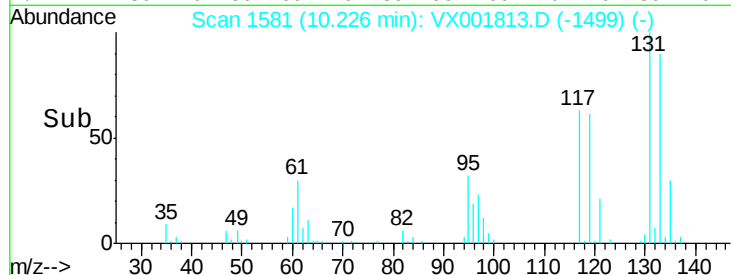
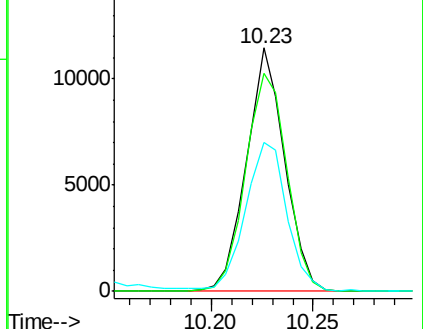
119 66.1 0.0 125.4



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: 5.37 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001813.D

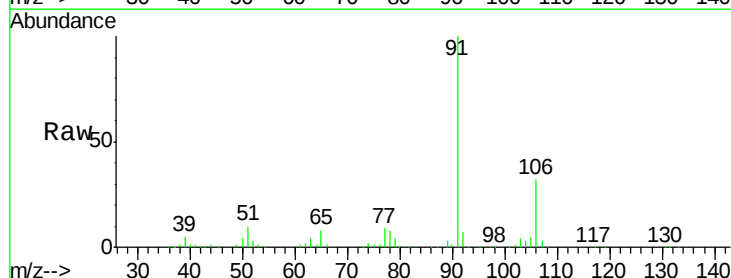
Acq: 18 May 2018 07:47

Tgt Ion: 91 Resp: 66056

Ion Ratio Lower Upper

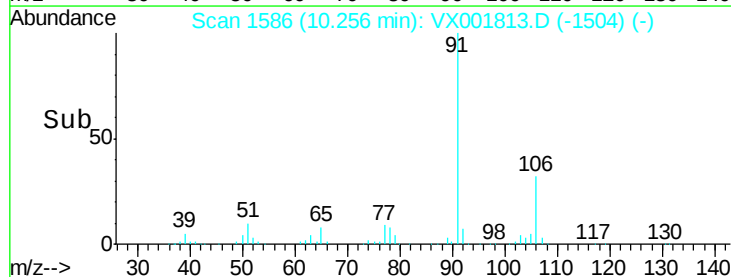
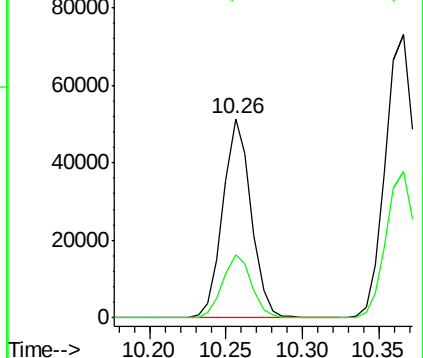
91 100

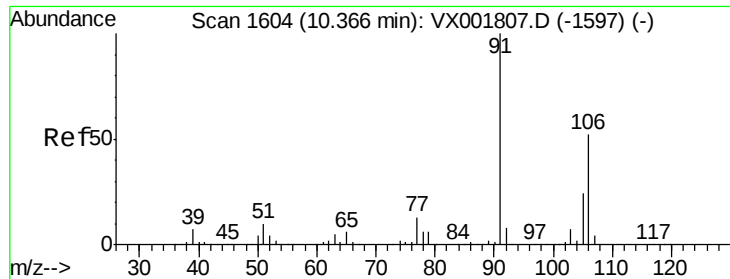
106 31.7 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

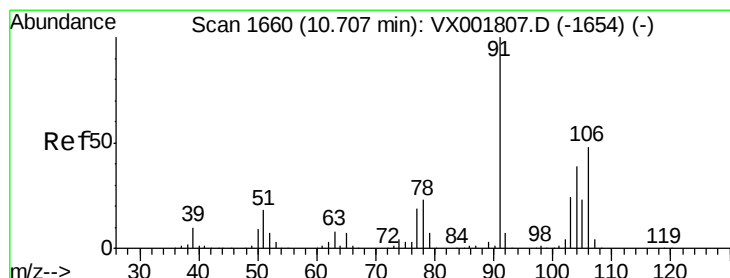
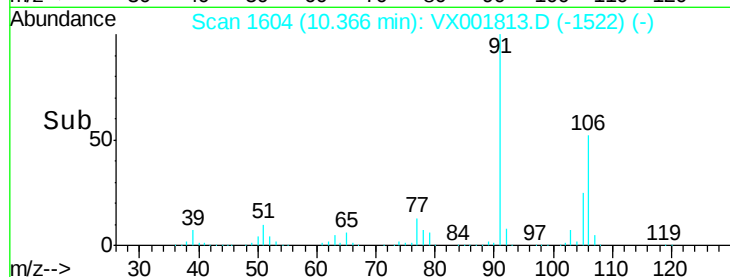
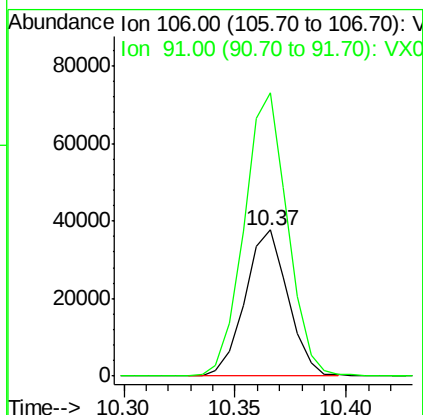
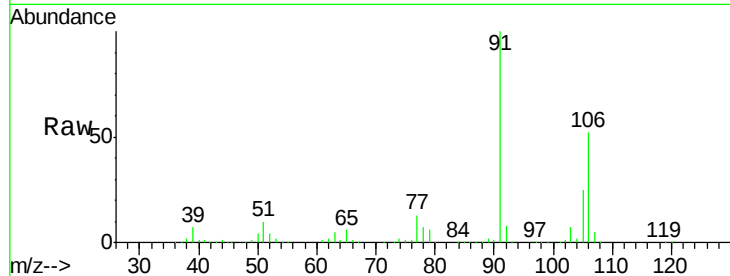




#67
m/p-Xvlenes
Concen: 10.30 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

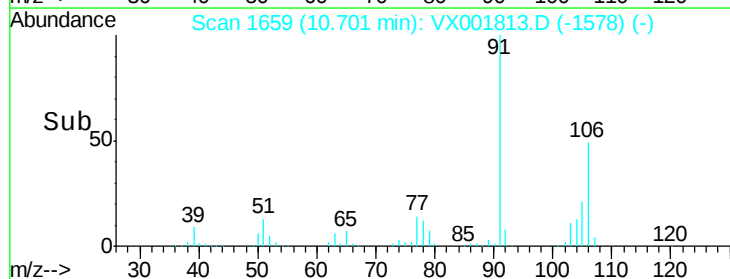
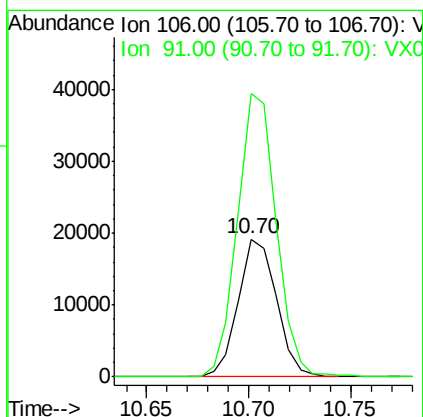
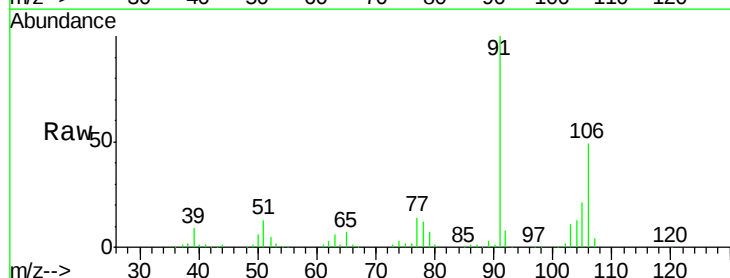
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

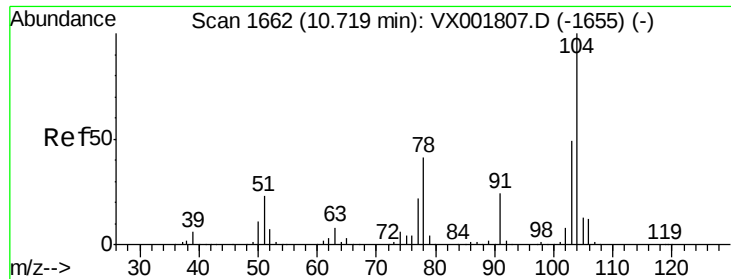
Tot Ion:106 Resp: 50609
Ion Ratio Lower Upper
106 100
91 196.3 154.7 232.1



#68
o-Xylene
Concen: 4.97 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion:106 Resp: 25133
Ion Ratio Lower Upper
106 100
91 205.5 104.3 312.8

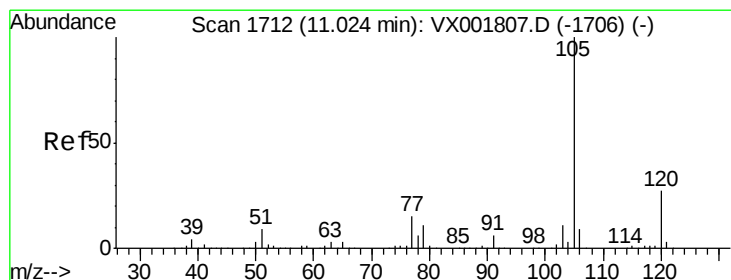
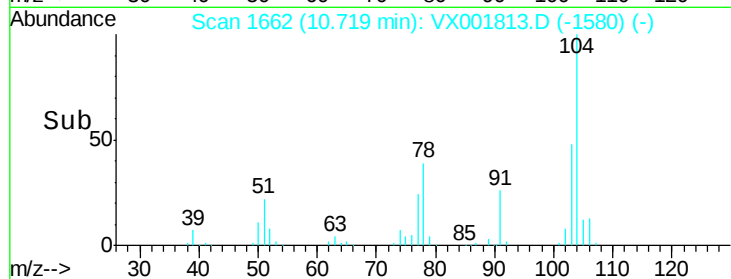
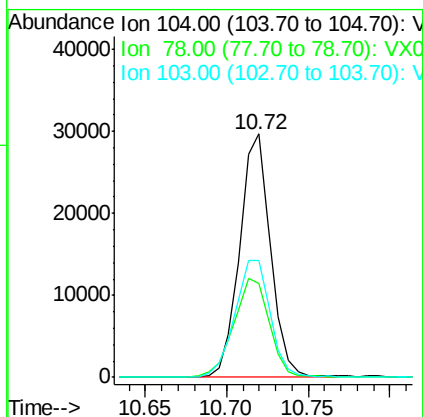
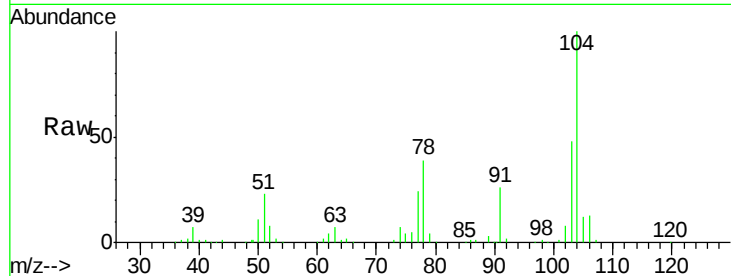




#69
Stvrene
Concen: 4.65 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

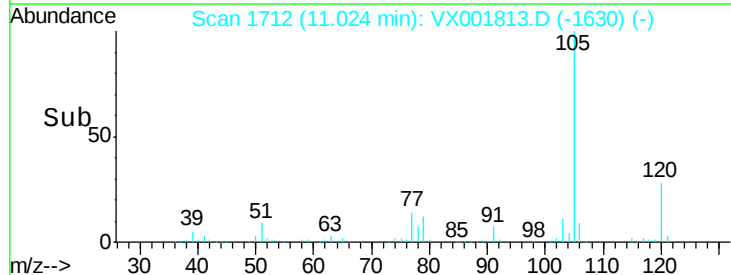
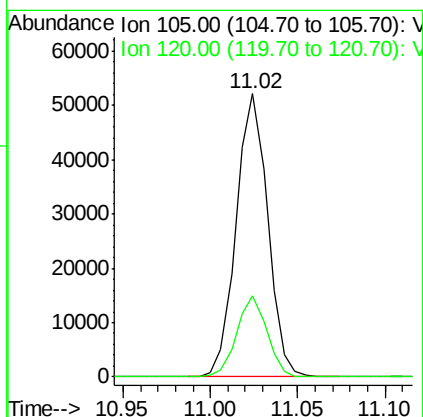
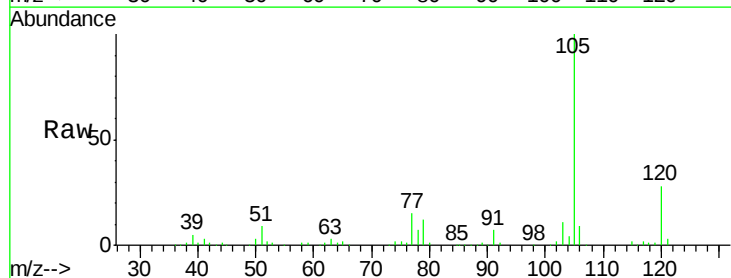
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

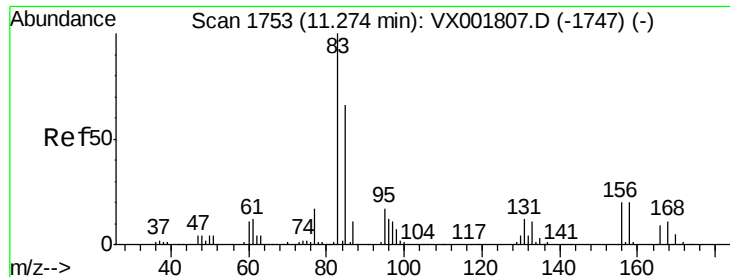
Tot Ion:104 Resp: 39197
Ion Ratio Lower Upper
104 100
78 47.3 37.0 55.6
103 55.2 43.5 65.3



#70
Isopropylbenzene
Concen: 5.53 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion:105 Resp: 65604
Ion Ratio Lower Upper
105 100
120 27.3 19.3 35.9

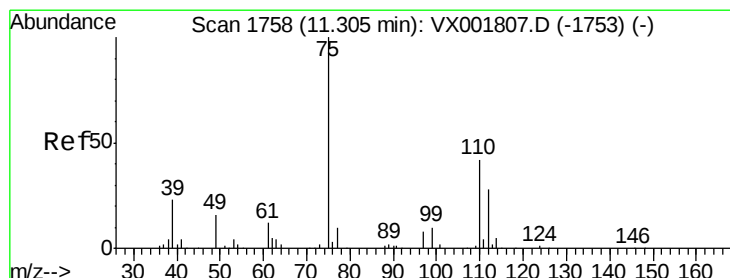
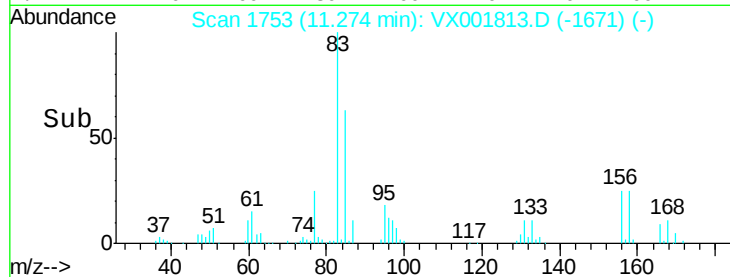
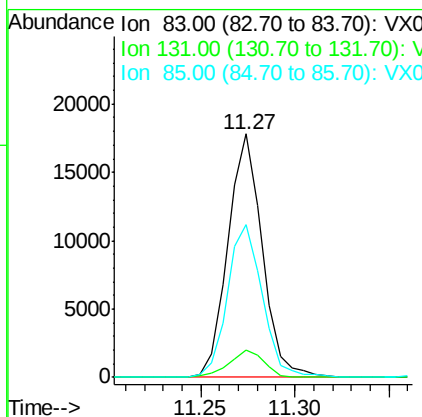
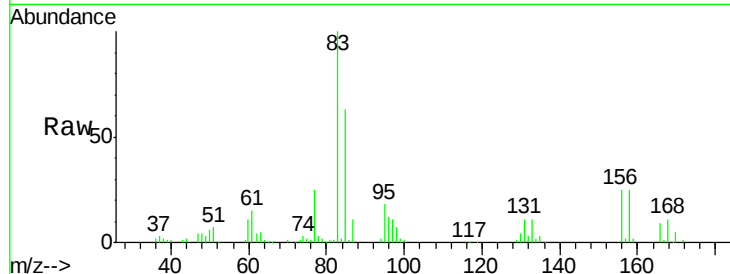




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.16 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

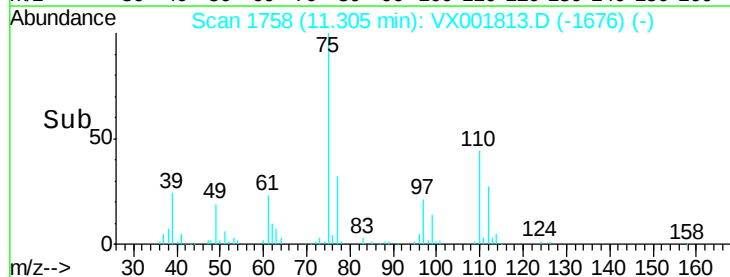
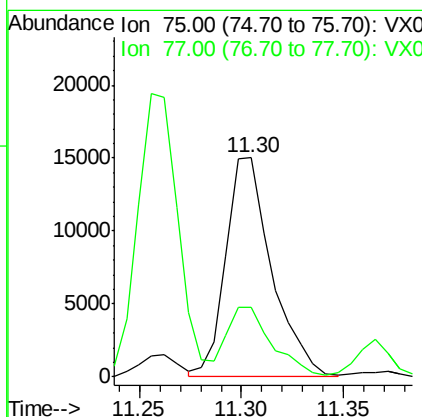
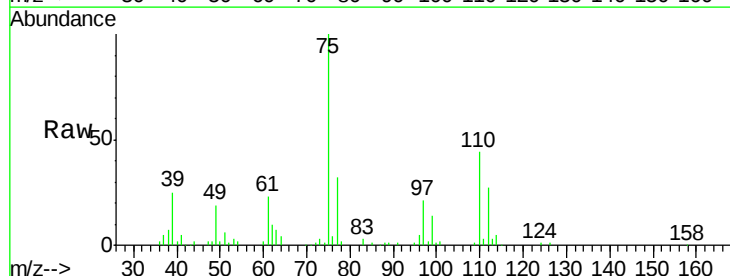
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

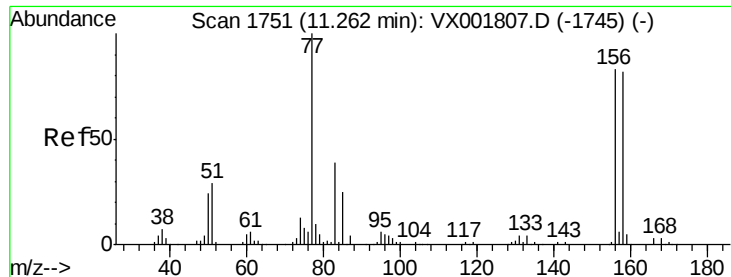
Tot Ion	83	Resp	22464
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.3
85	64.2	32.3	96.9



#72
 1,2,3-Trichloropropane
 Concen: 4.58 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion	75	Resp	23527
Ion Ratio	Lower	Upper	
75	100		
77	30.6	0.0	74.6





#73

Bromobenzene

Concen: 4.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

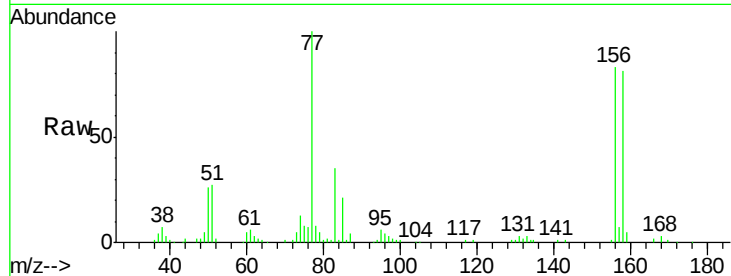
Tot Ion:156 Resp: 20445

Ion Ratio Lower Upper

156 100

77 131.8 0.0 261.8

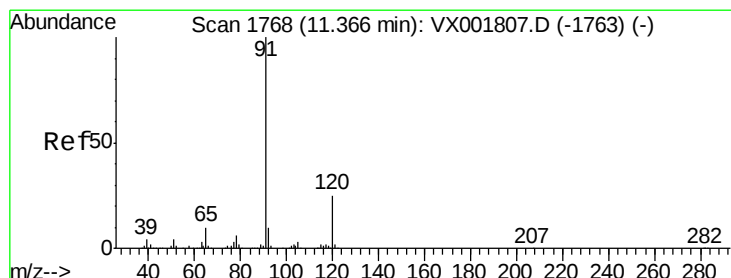
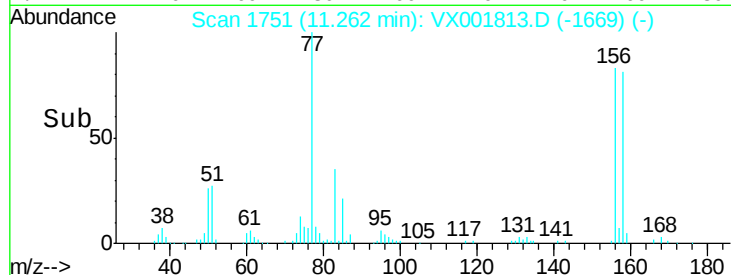
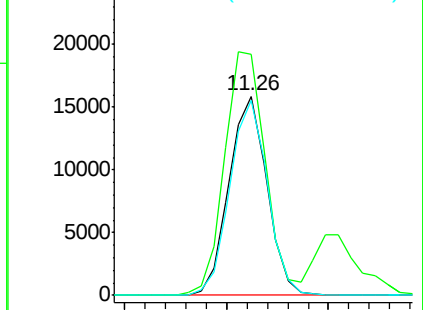
158 97.5 0.0 198.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 5.69 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001813.D

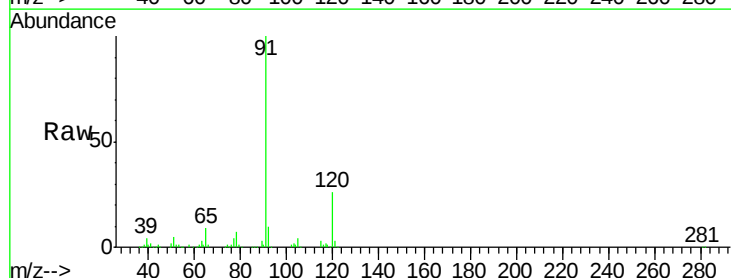
Acq: 18 May 2018 07:47

Tgt Ion: 91 Resp: 70339

Ion Ratio Lower Upper

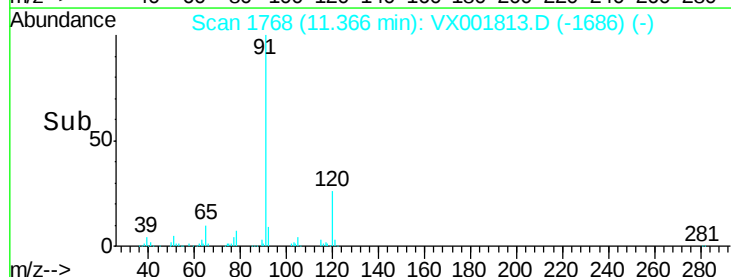
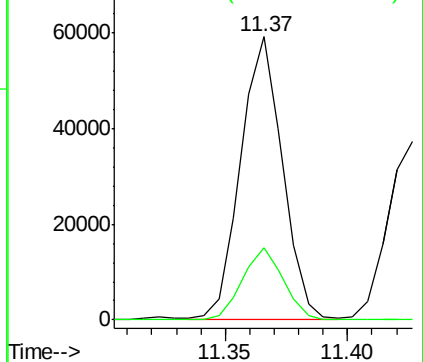
91 100

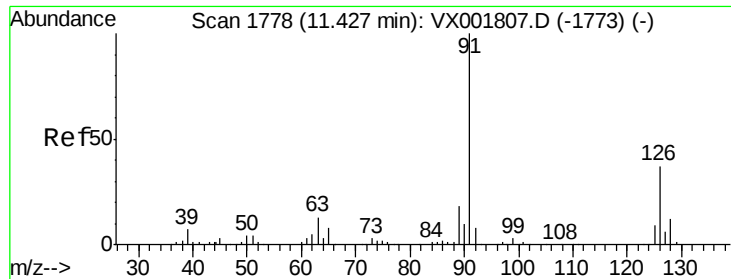
120 24.9 0.0 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.51 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

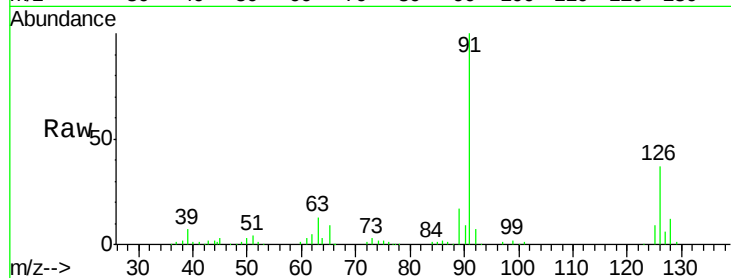
LOQ-NPW-Precision-Bias-2

Tot Ion: 91 Resp: 46888

Ion Ratio Lower Upper

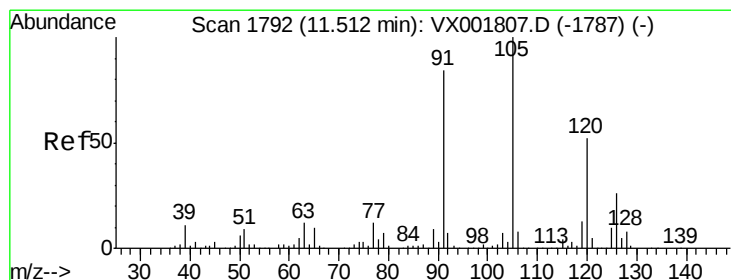
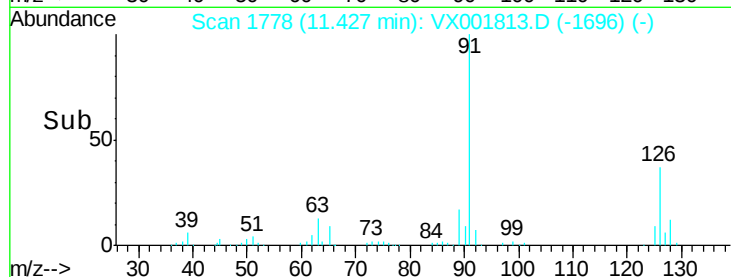
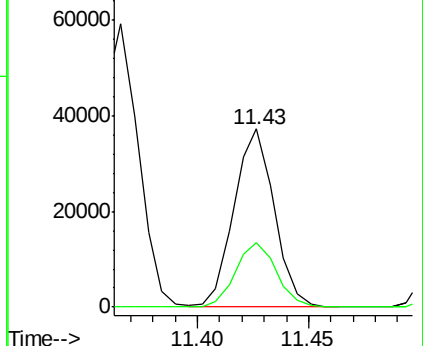
91 100

126 36.7 0.0 72.0



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

Ion 126.00 (125.70 to 126.70): VX001807.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 5.47 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001813.D

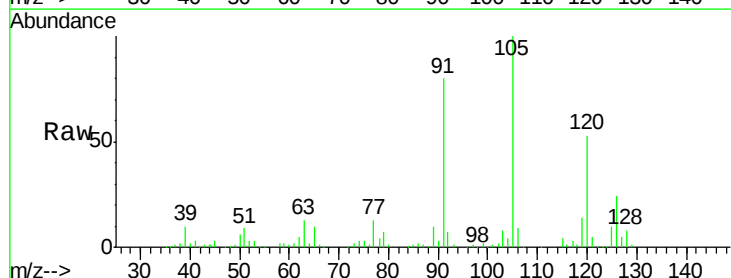
Acq: 18 May 2018 07:47

Tgt Ion: 105 Resp: 53961

Ion Ratio Lower Upper

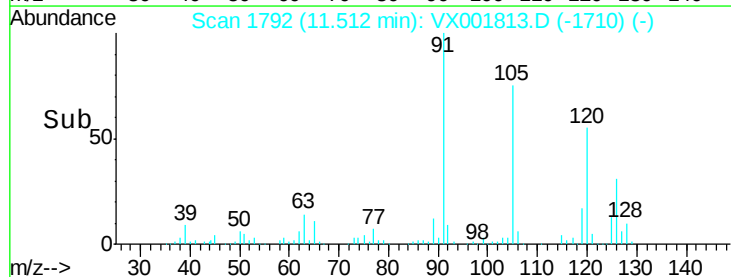
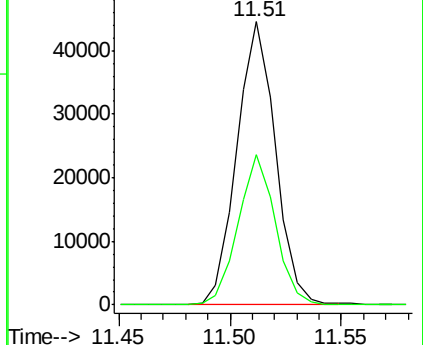
105 100

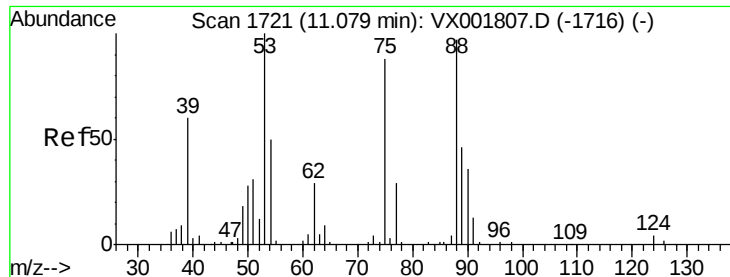
120 50.9 0.0 103.0



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

Ion 120.00 (119.70 to 120.70): VX001807.D (-1787) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 3.47 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

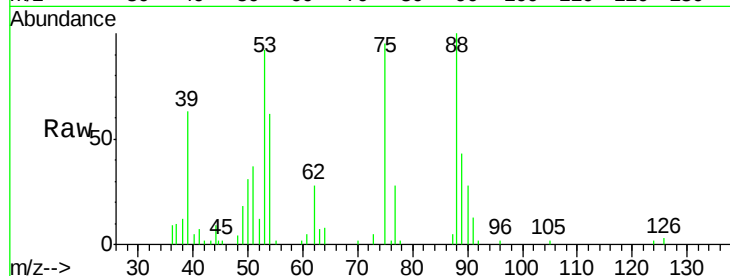
Tot Ion: 75 Resp: 3799

Ion Ratio Lower Upper

75 100

53 96.1 57.0 170.8

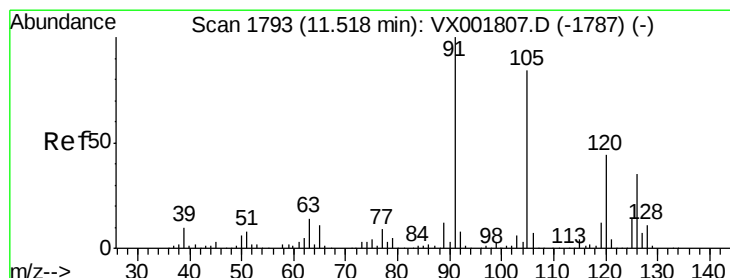
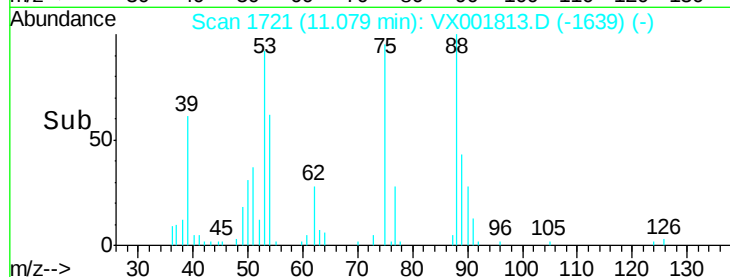
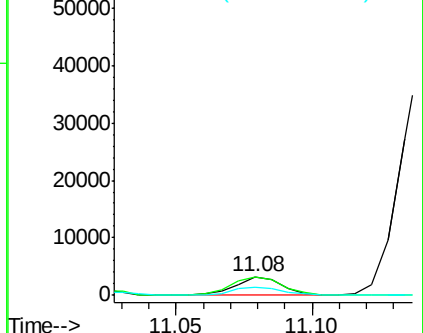
89 45.1 26.3 78.9



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 5.31 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001813.D

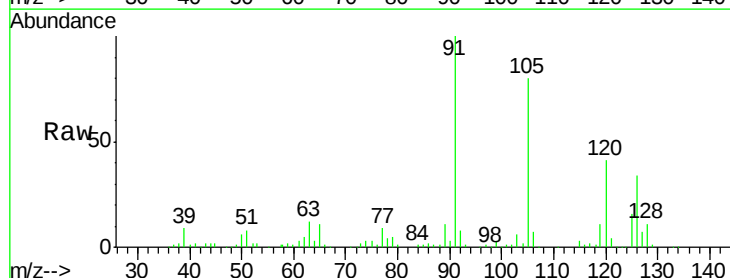
Acq: 18 May 2018 07:47

Tgt Ion: 91 Resp: 49829

Ion Ratio Lower Upper

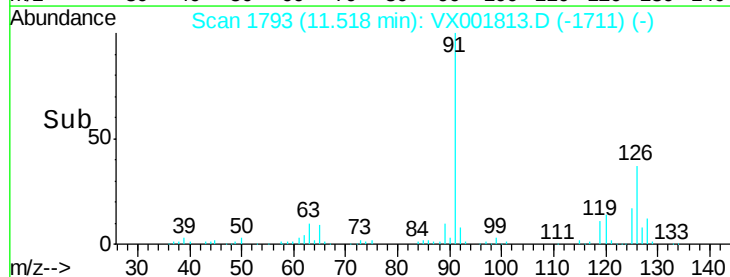
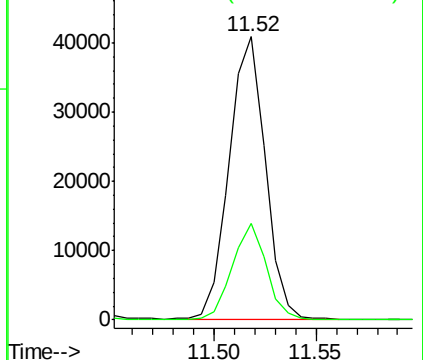
91 100

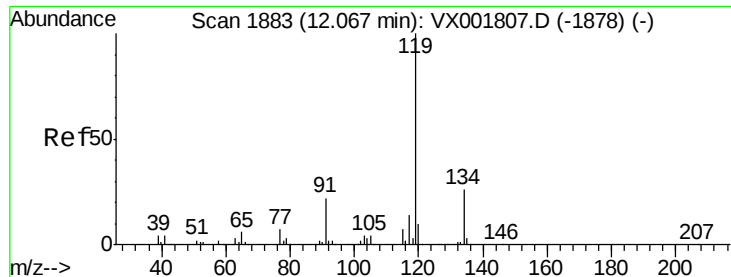
126 32.6 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

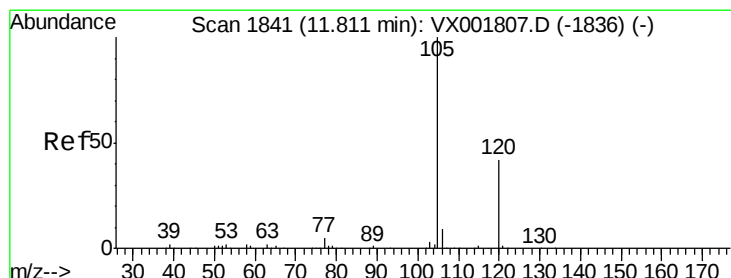
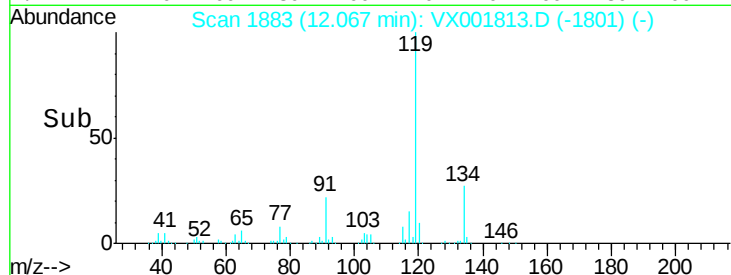
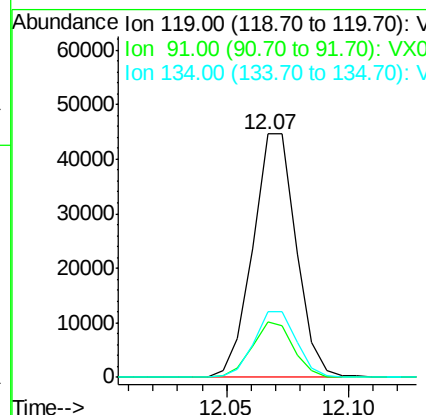
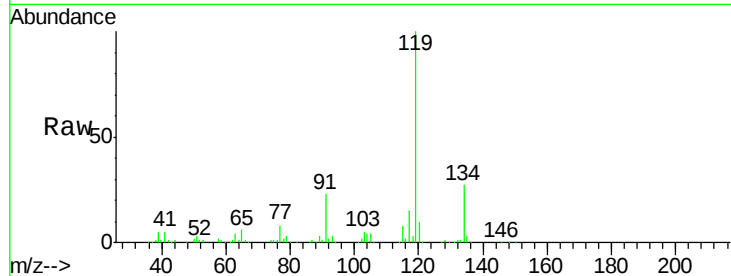




#79
tert-butylbenzene
Concen: 5.67 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

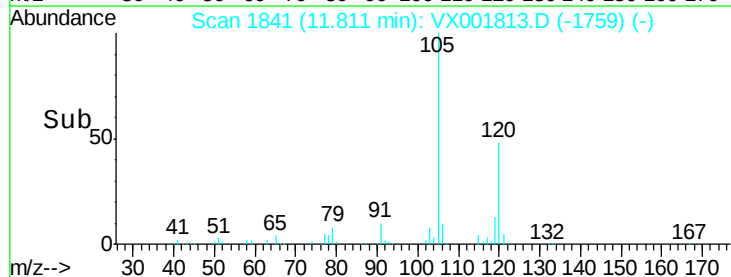
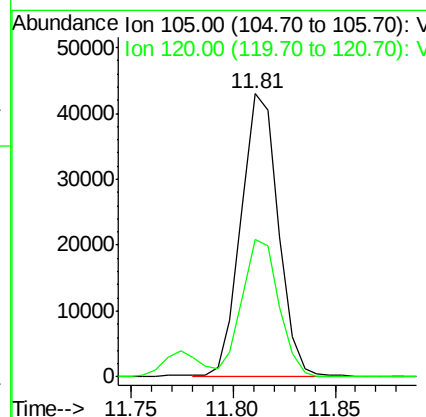
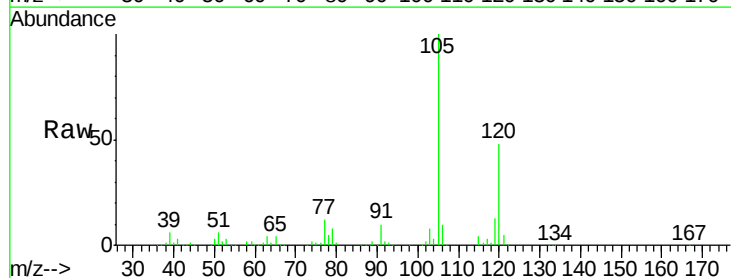
Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

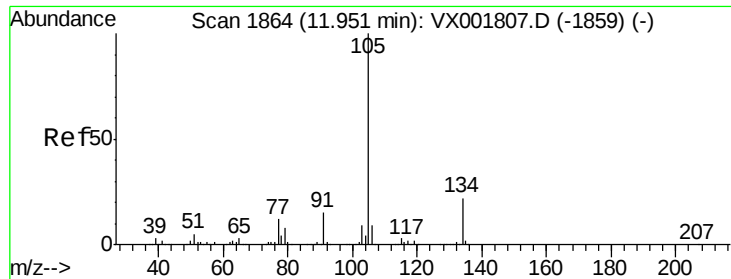
Tot Ion:119 Resp: 55260
Ion Ratio Lower Upper
119 100
91 21.8 0.0 43.2
134 26.8 0.0 54.6



#80
1,2,4-Trimethylbenzene
Concen: 5.37 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion:105 Resp: 54772
Ion Ratio Lower Upper
105 100
120 47.8 0.0 94.6

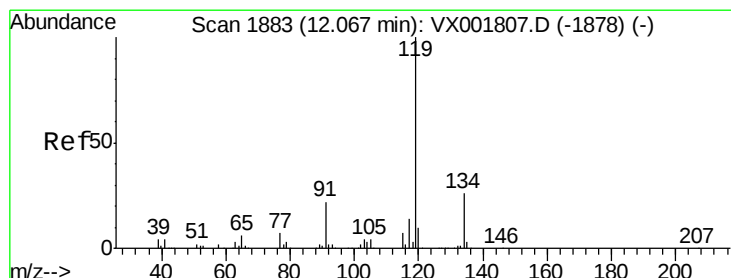
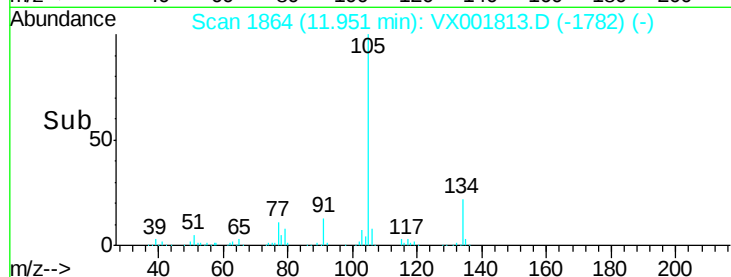
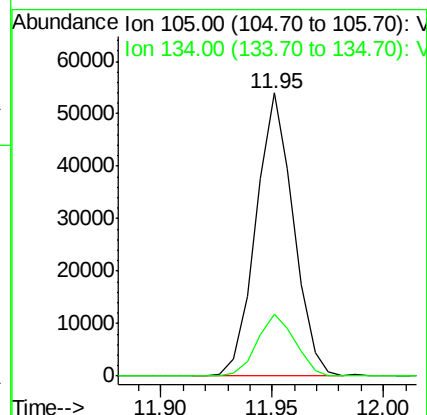
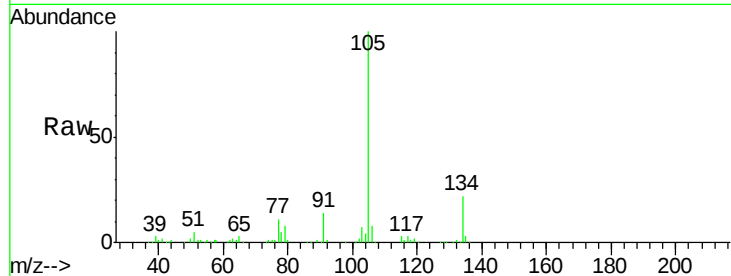




#81
 sec-Butylbenzene
 Concen: 5.93 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

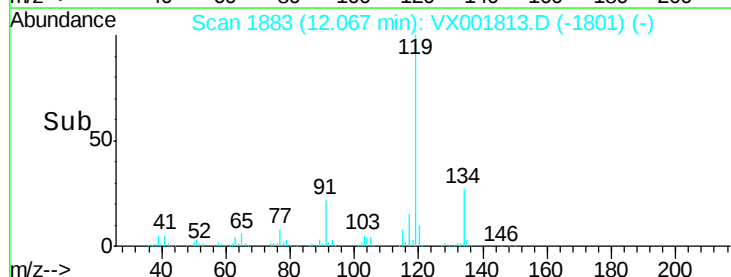
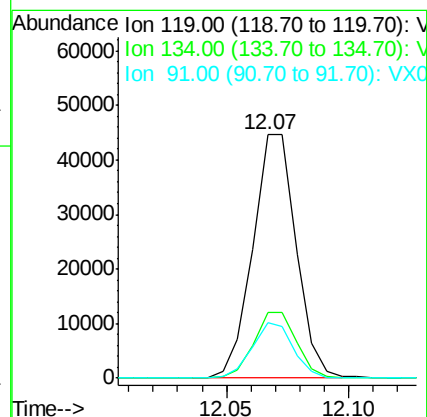
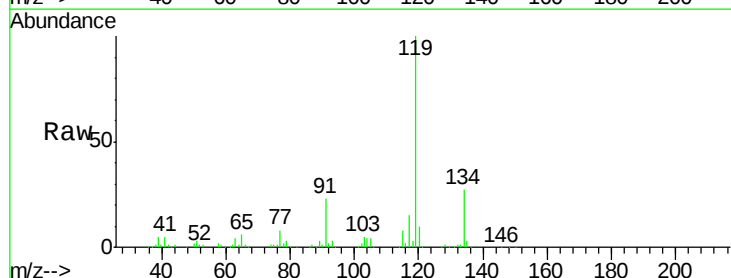
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

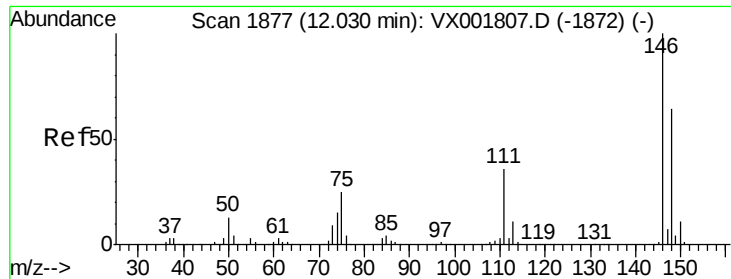
Tot Ion:105 Resp: 63441
 Ion Ratio Lower Upper
 105 100
 134 22.3 0.0 44.0



#82
 p-Isopropyltoluene
 Concen: 5.67 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion:119 Resp: 55260
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 54.6
 91 21.8 0.0 43.2

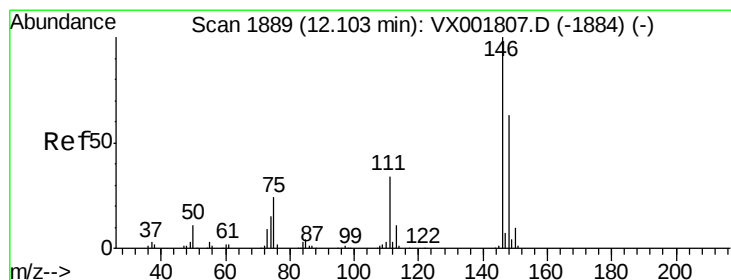
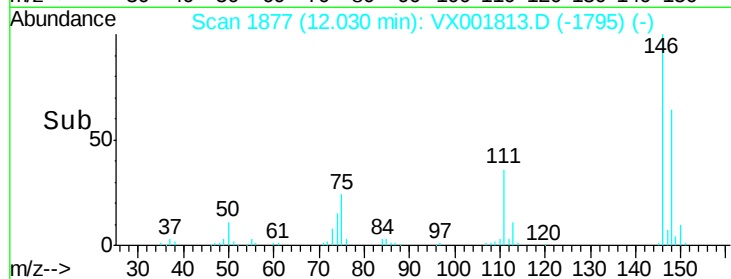
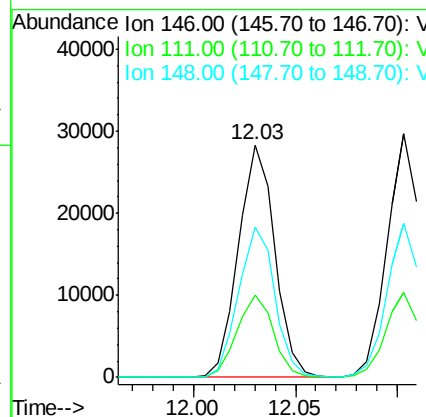
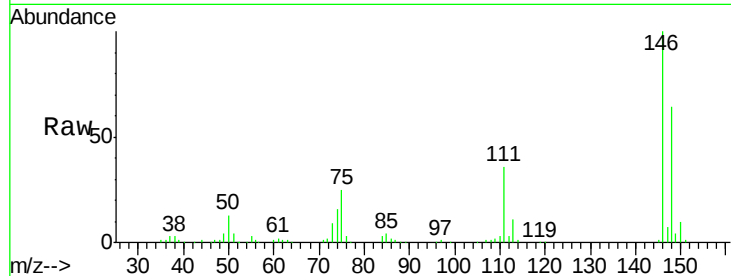




#83
 1,3-Dichlorobenzene
 Concen: 5.36 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

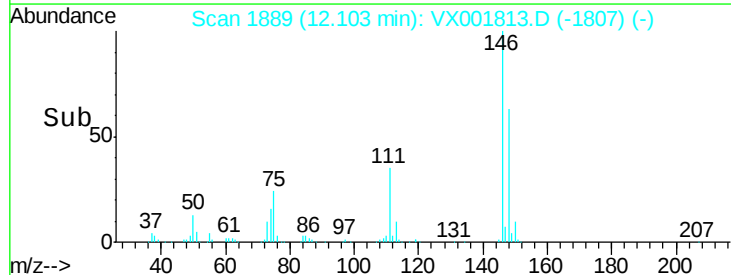
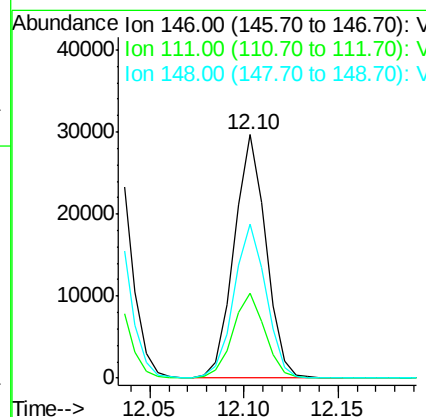
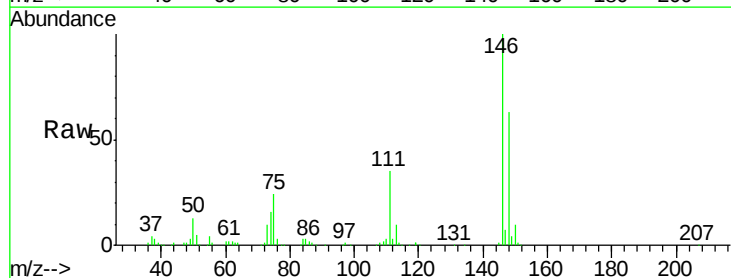
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

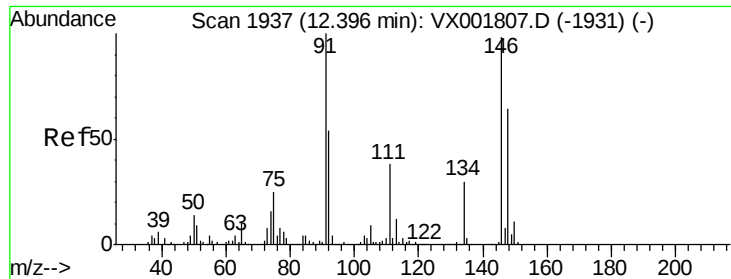
Tot Ion:146 Resp: 35150
 Ion Ratio Lower Upper
 146 100
 111 35.1 18.0 54.0
 148 64.1 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 5.34 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion:146 Resp: 34754
 Ion Ratio Lower Upper
 146 100
 111 35.2 17.1 51.2
 148 64.1 31.8 95.3





#85

n-Butylbenzene

Concen: 5.55 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

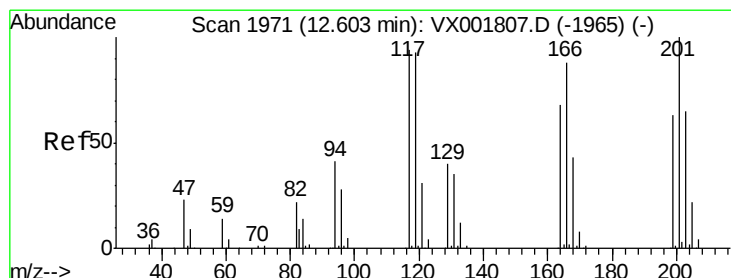
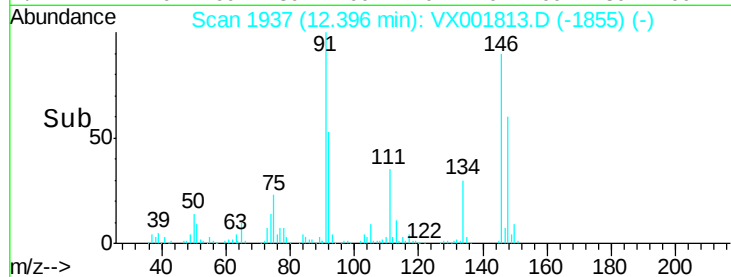
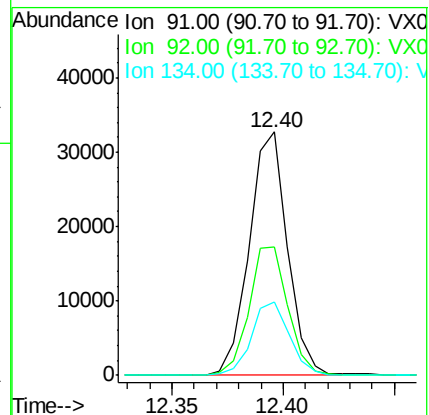
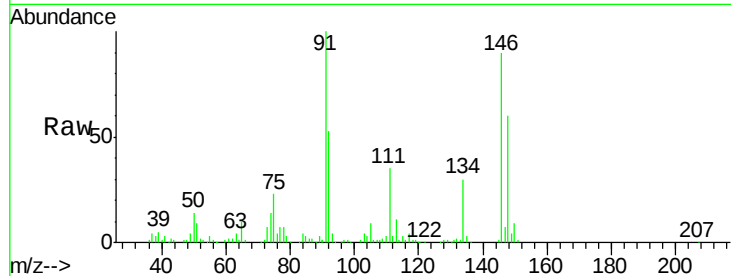
Tot Ion: 91 Resp: 39247

Ion Ratio Lower Upper

91 100

92 54.0 0.0 108.2

134 29.9 0.0 57.8



#86

Hexachloroethane

Concen: 5.62 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001813.D

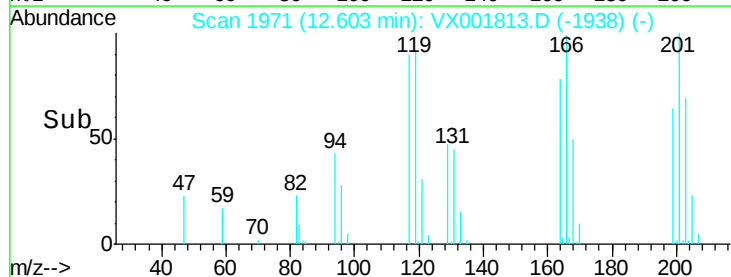
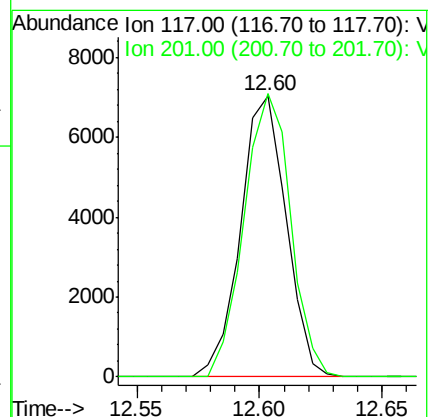
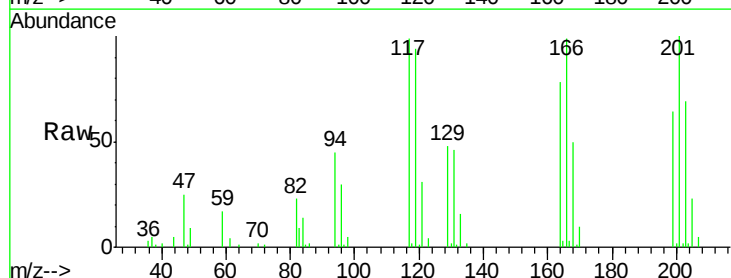
Acq: 18 May 2018 07:47

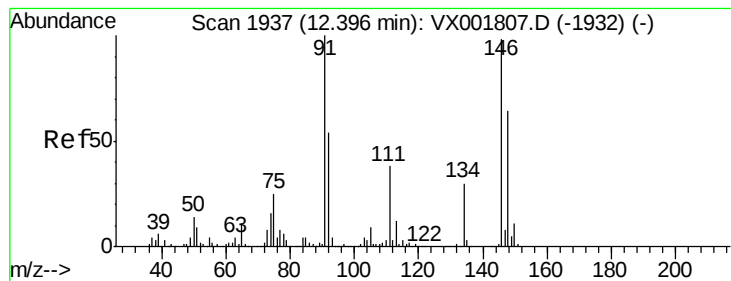
Tgt Ion: 117 Resp: 9132

Ion Ratio Lower Upper

117 100

201 102.8 53.0 159.0





#87

1,2-Dichlorobenzene

Concen: 5.22 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

LOQ-NPW-Precision-Bias-2

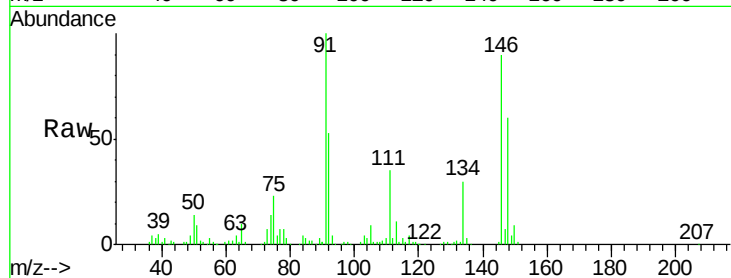
Tot Ion:146 Resp: 37155

Ion Ratio Lower Upper

146 100

111 36.3 18.9 56.5

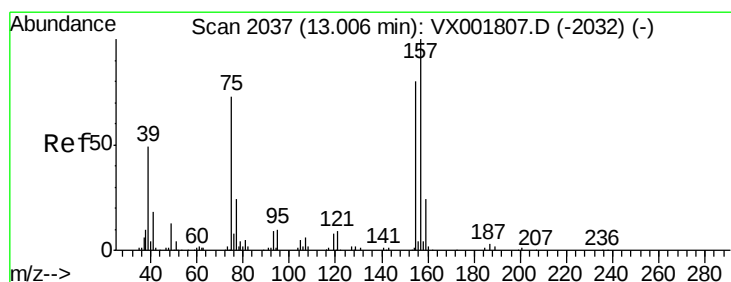
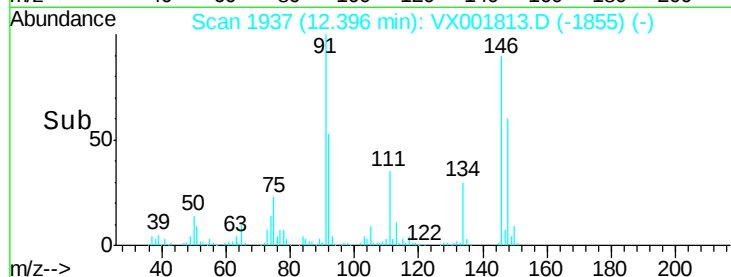
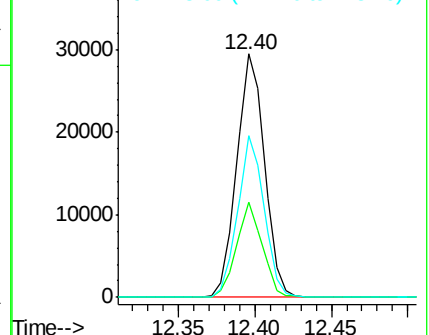
148 63.1 32.9 98.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 3.93 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001813.D

Acq: 18 May 2018 07:47

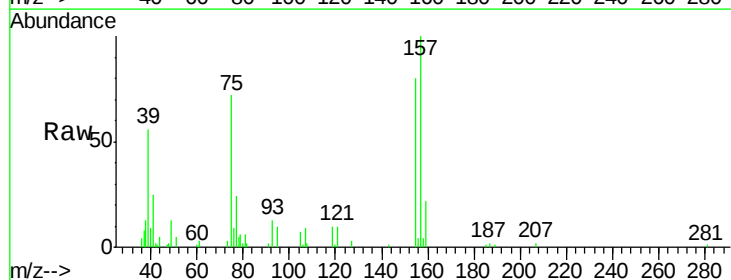
Tgt Ion: 75 Resp: 4491

Ion Ratio Lower Upper

75 100

155 102.9 88.5 132.7

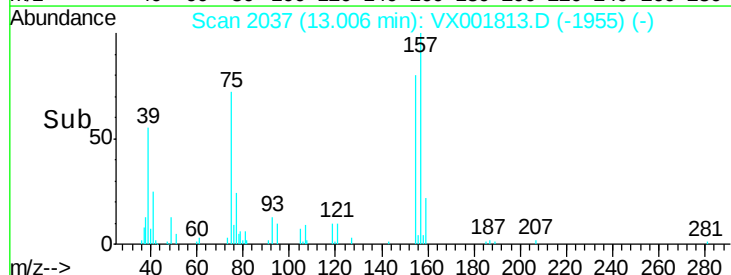
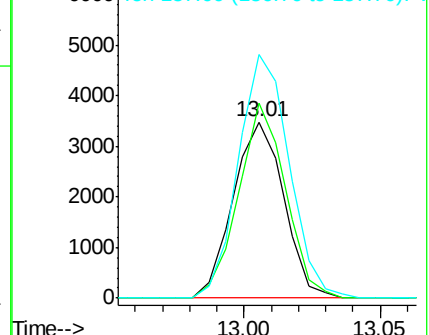
157 138.7 111.0 166.4

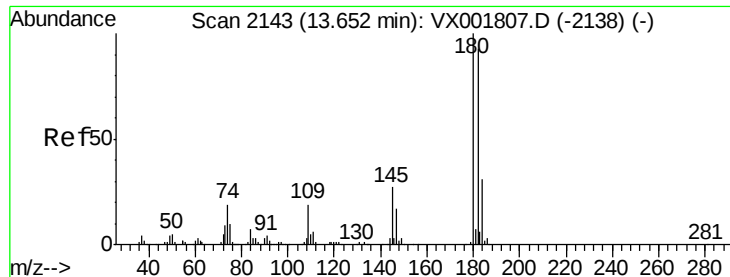


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

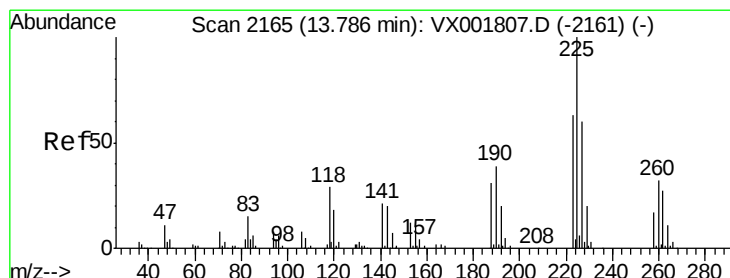
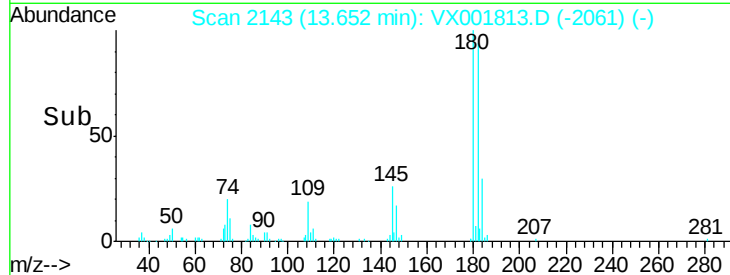
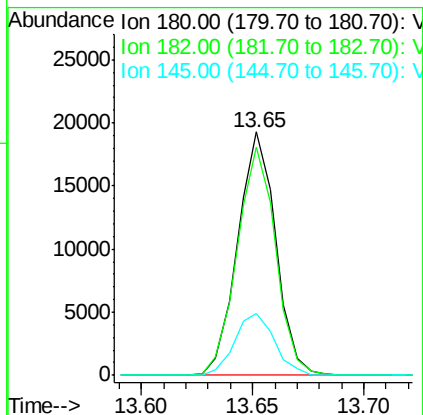
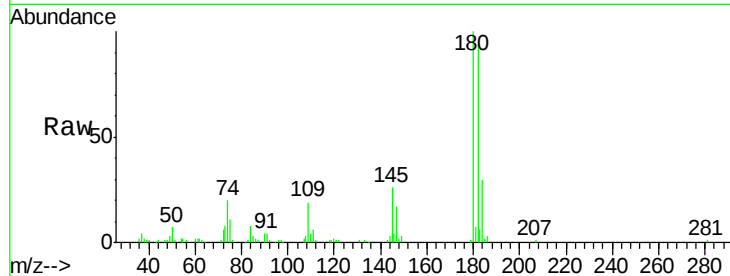




#89
 1,2,4-Trichlorobenzene
 Concen: 5.14 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

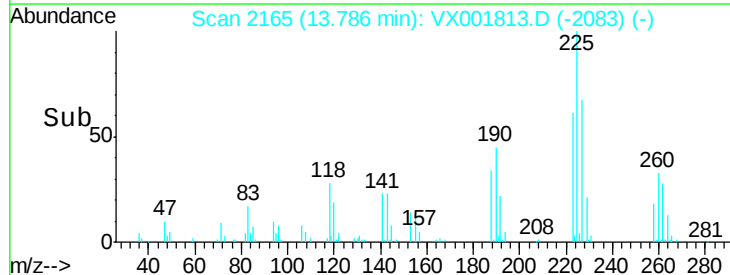
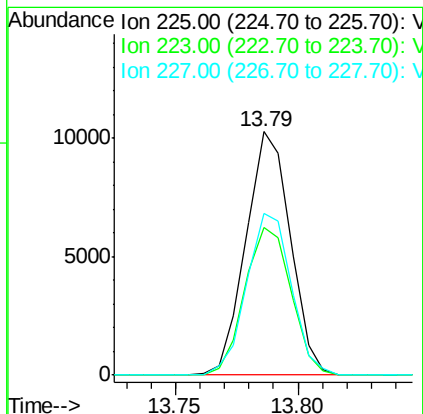
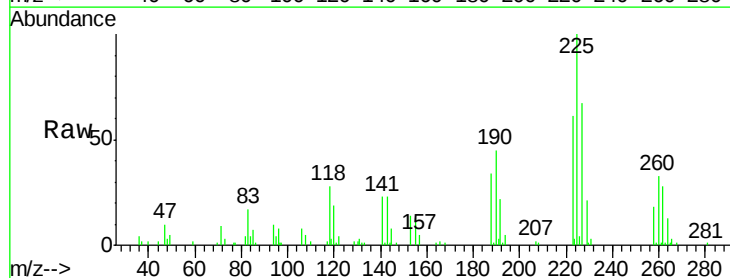
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-NPW-Precision-Bias-2

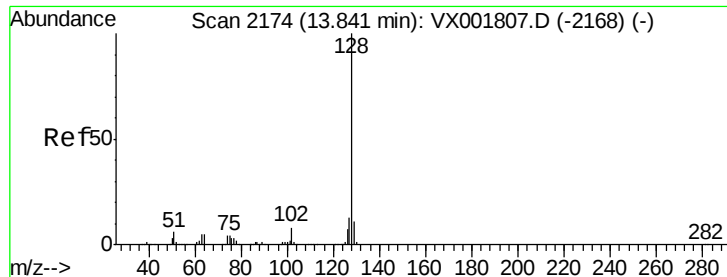
Tot Ion:180 Resp: 23039
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 145 26.5 21.6 32.4



#90
 Hexachlorobutadiene
 Concen: 5.92 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001813.D
 Acq: 18 May 2018 07:47

Tgt Ion:225 Resp: 13014
 Ion Ratio Lower Upper
 225 100
 223 62.9 0.0 123.6
 227 66.7 0.0 124.0

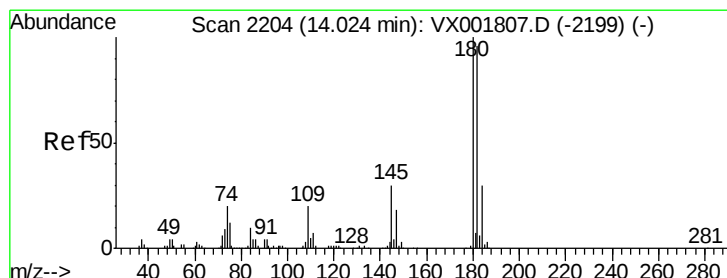
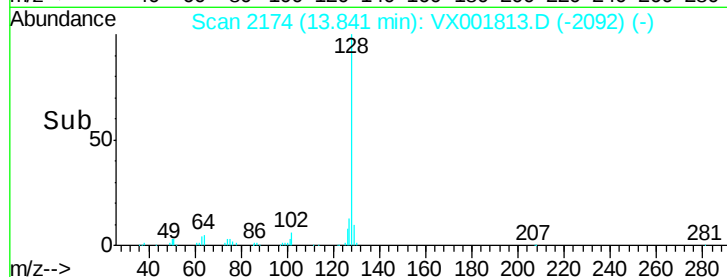
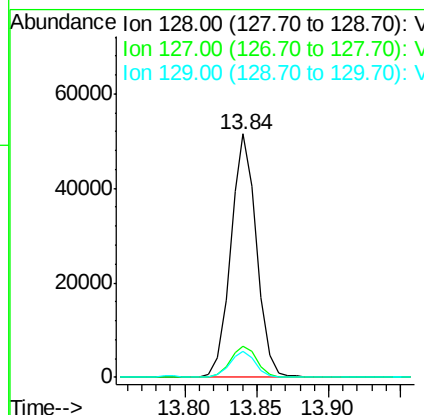
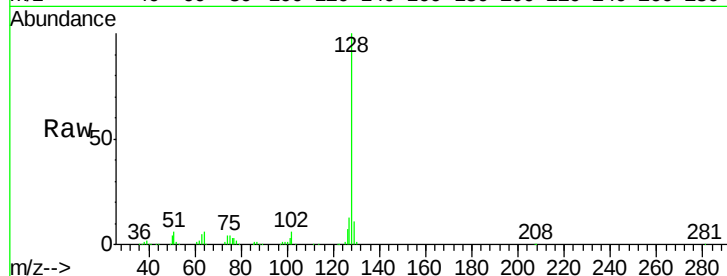




#91
Naphthalene
Concen: 4.13 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Instrument :
MSVOA_X
ClientSampleId :
LOQ-NPW-Precision-Bias-2

Tot Ion:128 Resp: 64499
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.4 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 4.95 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001813.D
Acq: 18 May 2018 07:47

Tgt Ion:180 Resp: 24963
Ion Ratio Lower Upper
180 100
182 96.6 0.0 188.8
145 27.6 0.0 56.6

