

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003001.D
 Acq On : 28 Jun 2018 22:19
 Operator : JC/MD
 Sample : VX0628WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Quant Time: Jun 29 05:33:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	50573	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	277007	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	254926	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	113942	29.50	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.33%
60) 4-Bromofluorobenzene	11.14	95	124965	29.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.93%
63) Toluene-d8	8.72	98	332089	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	48711	20.18	ug/l	97
3) Chloromethane	1.32	50	51341	19.59	ug/l	100
4) Vinyl Chloride	1.40	62	56968	19.51	ug/l #	84
5) Bromomethane	1.64	94	27317	16.01	ug/l	97
6) Chloroethane	1.73	64	36515	18.60	ug/l	99
7) Trichlorofluoromethane	1.93	101	96983	18.69	ug/l	100
8) Diethyl Ether	2.19	74	35983	19.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56377	18.98	ug/l	99
10) 1,1-Dichloroethene	2.37	96	49752	19.03	ug/l	94
11) Methyl Iodide	2.51	142	43029	14.29	ug/l	98
12) Methyl Acetate	2.78	43	96281	22.69	ug/l	97
13) Acrolein	2.30	56	15149	50.22	ug/l	98
14) Acrylonitrile	3.15	53	159632	100.03	ug/l	99
15) Acetone	2.45	58	42940	96.81	ug/l	95
16) Carbon Disulfide	2.57	76	128936	19.70	ug/l	99
17) Allyl chloride	2.73	41	96763	18.60	ug/l	99
18) Methylene Chloride	2.86	84	56730	18.96	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	53985	19.26	ug/l	94
20) Diisopropyl ether	3.88	45	198238	20.45	ug/l	98
21) 1,1-Dichloroethane	3.70	63	106481	20.43	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	64929	21.55	ug/l	80
23) tert-Butyl Alcohol	3.07	59	73294	101.16	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	185395	18.99	ug/l	98
25) Chloroform	5.22	83	110595	21.14	ug/l	99
26) Cyclohexane	5.57	56	83155	18.78	ug/l #	95
29) 1,1-Dichloropropene	5.80	75	75679	20.23	ug/l	98
30) 2-Butanone	4.71	43	231532	108.16	ug/l	96
31) 2,2-Dichloropropane	4.59	77	64548	16.15	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	94683	20.95	ug/l	99
33) Carbon Tetrachloride	5.79	117	84246	20.74	ug/l	97
34) Benzene	6.15	78	228789	20.65	ug/l	99
35) Methacrylonitrile	5.07	41	51350	22.03	ug/l	98
36) 1,2-Dichloroethane	6.20	62	91401	21.01	ug/l	99
37) Trichloroethene	7.22	130	67332	20.75	ug/l	89
38) Methylcyclohexane	7.46	83	78635	17.28	ug/l	99
39) 1,2-Dichloropropane	7.52	63	60658	20.99	ug/l	100
40) Dibromomethane	7.66	93	42700	21.27	ug/l	97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	78683	20.86	ug/l	97
42) Vinyl Acetate	3.83	43	805068	99.17	ug/l	100
43) Ethyl Acetate	4.87	43	89586	21.88	ug/l	98
44) Isopropyl Acetate	6.47	43	142236	20.74	ug/l	98
45) 1,4-Dioxane	7.76	88	29656	441.31	ug/l #	85
46) Methyl methacrylate	7.78	41	74009	21.12	ug/l	98
47) n-amyl Acetate	10.90	43	123094	19.02	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	84453	19.07	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	78221	18.92	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	61477	20.76	ug/l	98
51) Ethyl methacrylate	9.18	69	90398	20.22	ug/l	95
52) 1,3-Dichloropropane	9.38	76	99663	20.60	ug/l	99
53) Dibromochloromethane	9.59	129	64023	20.36	ug/l	100
54) 1,2-Dibromoethane	9.68	107	64162	20.56	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	40517	19.08	ug/l	99
56) Bromoform	10.86	173	49665	19.79	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	474724	109.68	ug/l	98
59) 2-Hexanone	9.50	43	363128	109.75	ug/l	99
61) Tetrachloroethene	9.34	164	73712	21.07	ug/l	98
62) Toluene	8.79	91	255856	20.82	ug/l	100
64) Chlorobenzene	10.14	112	169078	20.71	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	63874	21.34	ug/l	100
66) Ethyl Benzene	10.26	91	285042	20.60	ug/l	100
67) m/p-Xylenes	10.36	106	218202	40.57	ug/l	98
68) o-Xylene	10.70	106	105957	20.22	ug/l	98
69) Styrene	10.71	104	176762	20.22	ug/l	98
70) Isopropylbenzene	11.02	105	288908	20.00	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	94103	21.79	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	100623	26.88	ug/l	94
73) Bromobenzene	11.26	156	81238	20.22	ug/l	94
74) n-propylbenzene	11.37	91	316965	18.90	ug/l	98
75) 2-Chlorotoluene	11.43	91	199187	20.41	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	236347	19.27	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	19465	16.16	ug/l	82
78) 4-Chlorotoluene	11.51	91	228349	19.75	ug/l	98
79) tert-butylbenzene	12.07	119	243650	18.01	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	240418	19.19	ug/l	99
81) sec-Butylbenzene	11.95	105	273959	18.26	ug/l	100
82) p-Isopropyltoluene	12.07	119	243650	18.01	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	144891	19.60	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	147204	19.71	ug/l	99
85) n-Butylbenzene	12.39	91	200590	16.73	ug/l	99
86) Hexachloroethane	12.60	117	33376	16.27	ug/l	95
87) 1,2-Dichlorobenzene	12.40	146	147840	19.80	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	19611	20.33	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	100801	17.88	ug/l	99
90) Hexachlorobutadiene	13.79	225	50639	17.26	ug/l	98
91) Naphthalene	13.84	128	306025	20.48	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	105996	18.90	ug/l	100

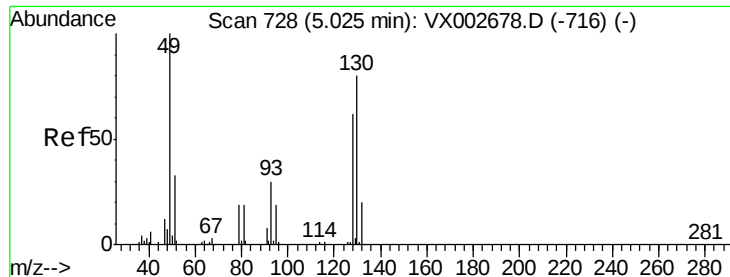
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
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Instrument :
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Quant Time: Jun 29 05:33:09 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

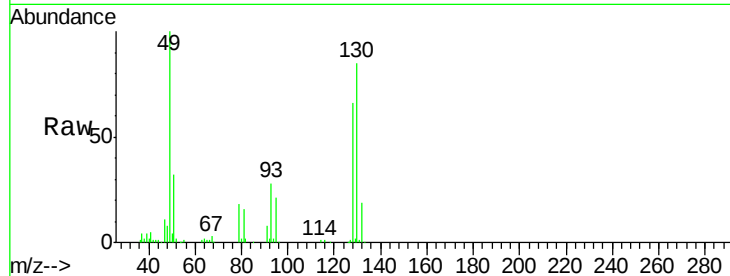
Tot Ion:128 Resp: 50573

Ion Ratio Lower Upper

128 100

49 154.6 0.0 423.0

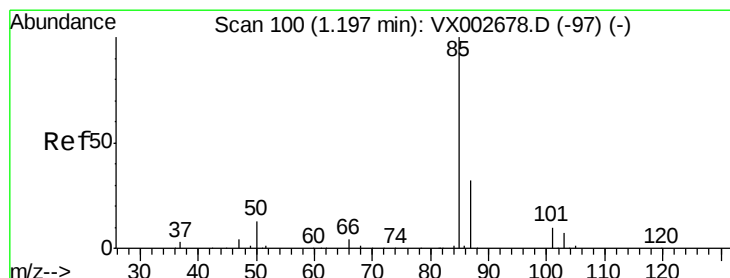
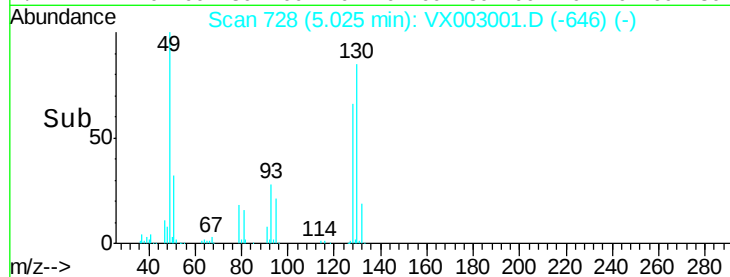
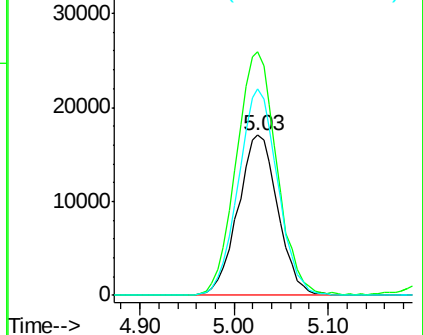
130 127.4 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.18 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003001.D

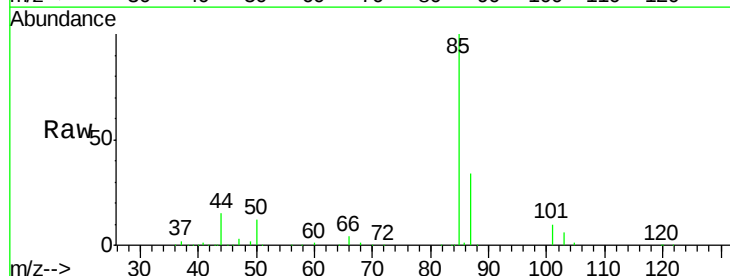
Acq: 28 Jun 2018 22:19

Tgt Ion: 85 Resp: 48711

Ion Ratio Lower Upper

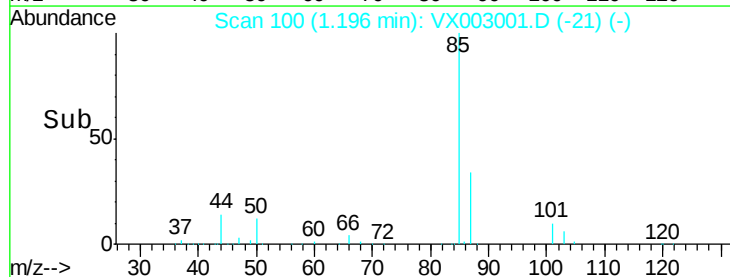
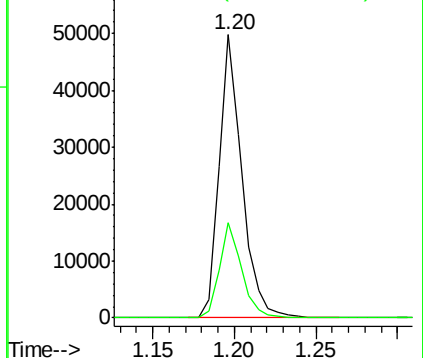
85 100

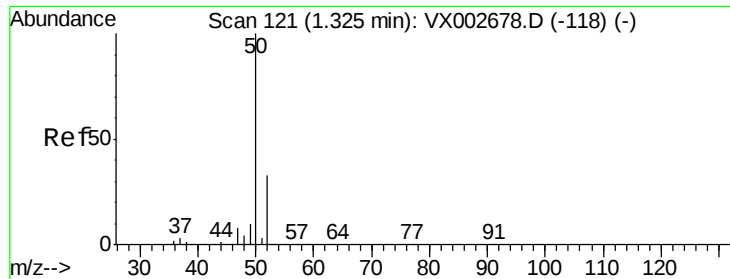
87 33.8 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampled :

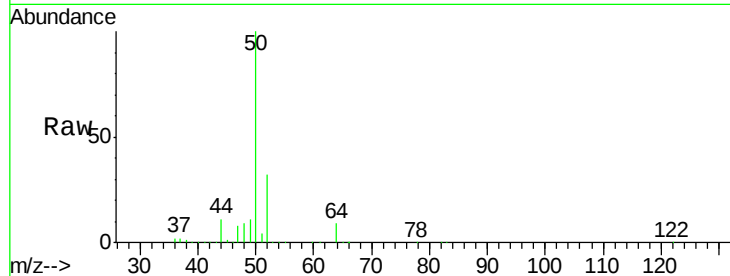
VX0628WBS02

Tot Ion: 50 Resp: 51341

Ion Ratio Lower Upper

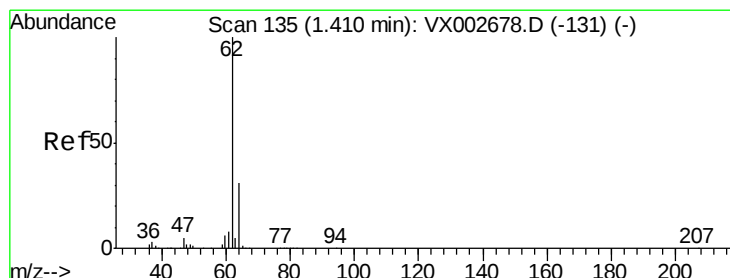
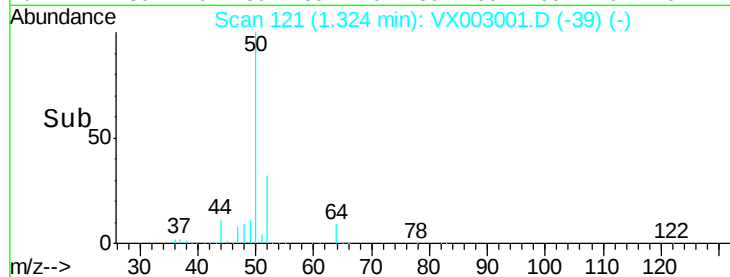
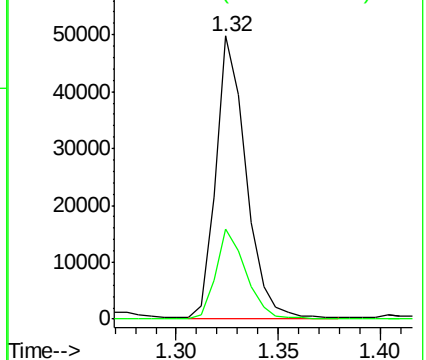
50 100

52 32.0 25.6 38.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.51 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003001.D

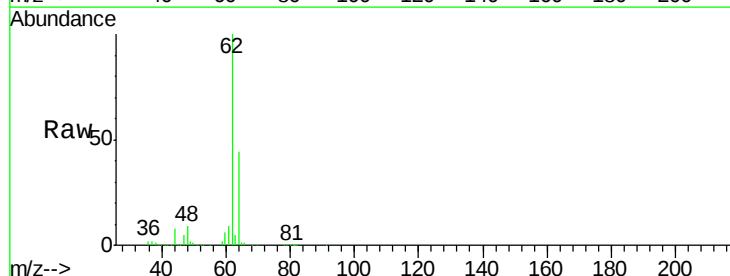
Acq: 28 Jun 2018 22:19

Tgt Ion: 62 Resp: 56968

Ion Ratio Lower Upper

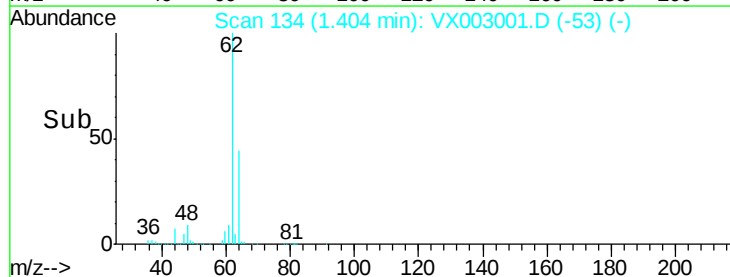
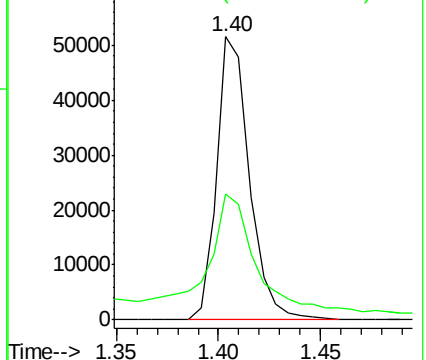
62 100

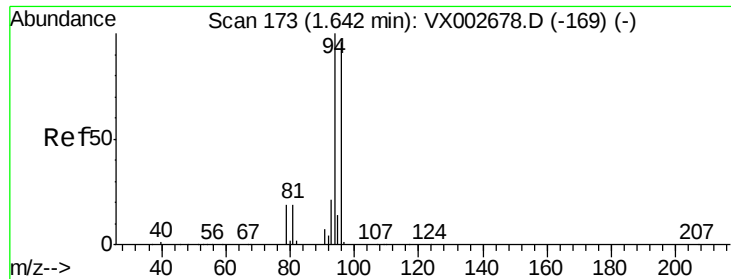
64 40.3 25.3 37.9#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.01 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampled :

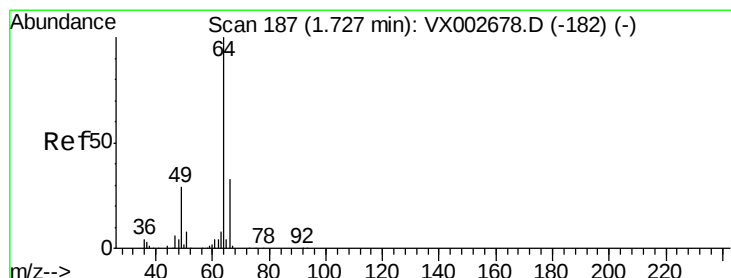
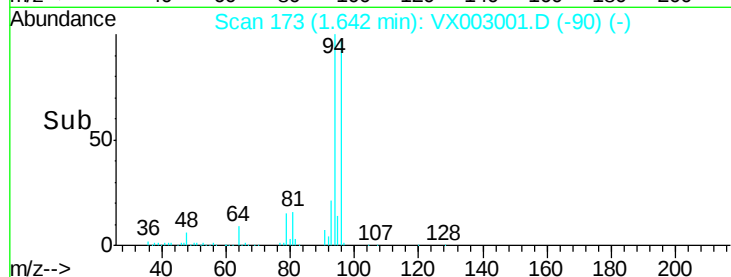
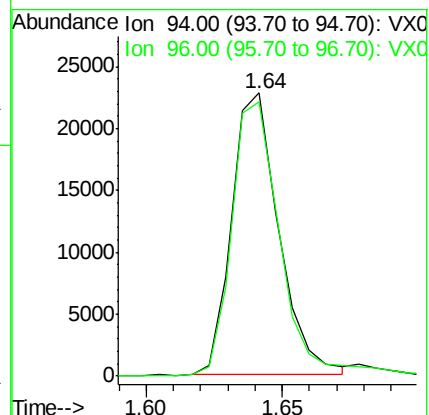
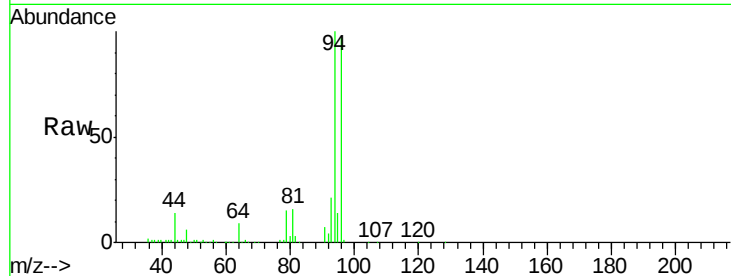
VX0628WBS02

Tot Ion: 94 Resp: 27317

Ion Ratio Lower Upper

94 100

96 97.1 75.7 113.5



#6

Chloroethane

Concen: 18.60 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX003001.D

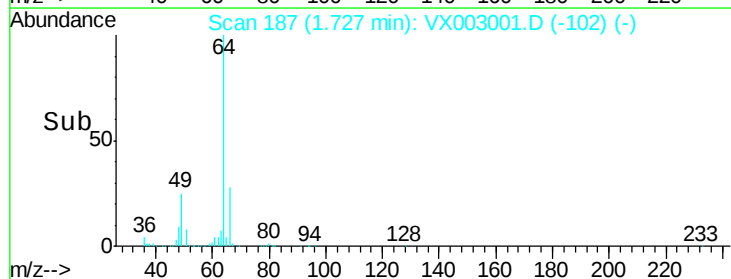
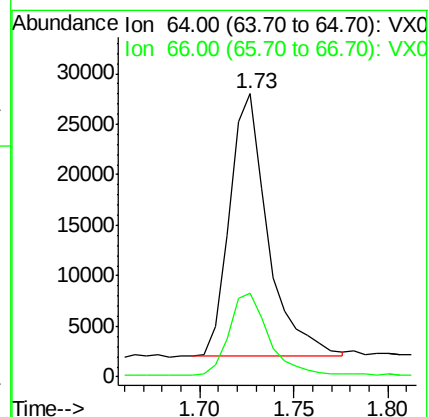
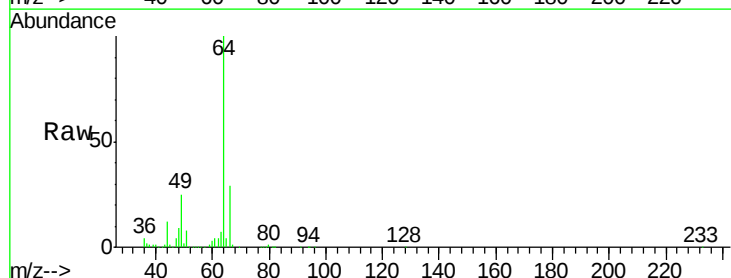
Acq: 28 Jun 2018 22:19

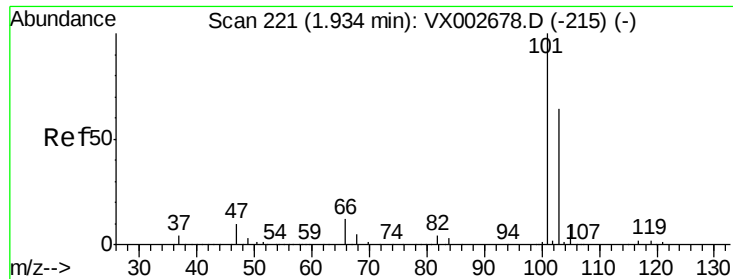
Tgt Ion: 64 Resp: 36515

Ion Ratio Lower Upper

64 100

66 31.1 24.3 36.5





#7

Trichlorofluoromethane

Concen: 18.69 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

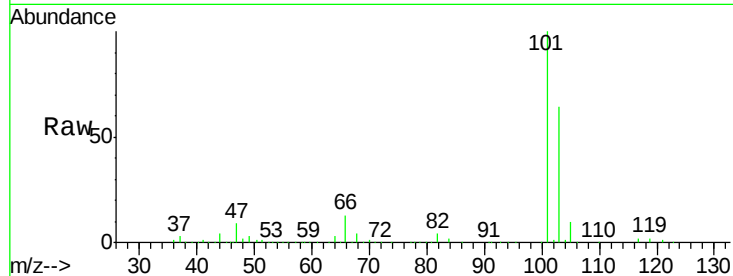
VX0628WBS02

Tot Ion:101 Resp: 96983

Ion Ratio Lower Upper

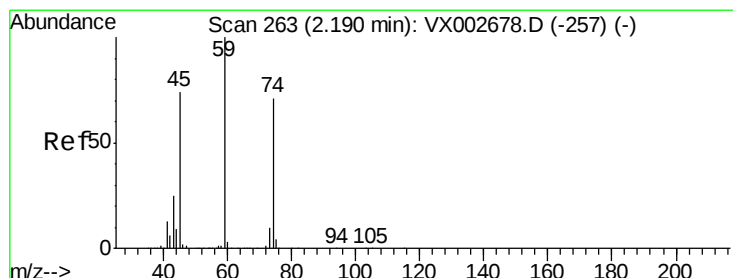
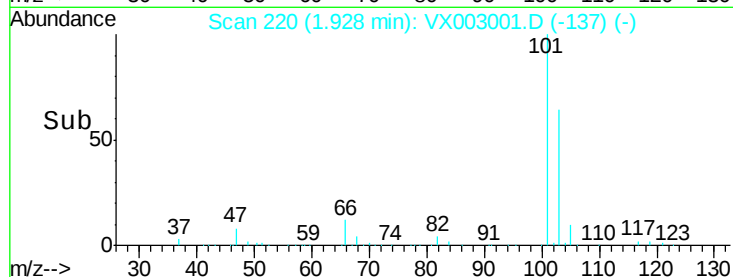
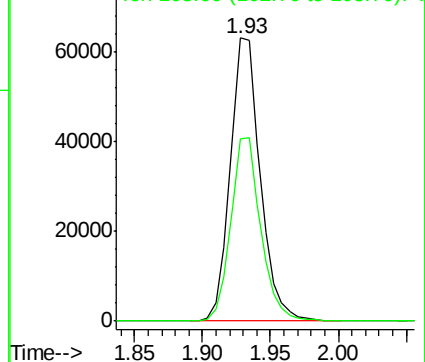
101 100

103 64.2 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 19.45 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003001.D

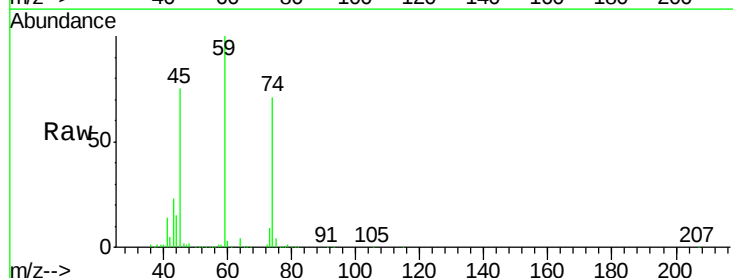
Acq: 28 Jun 2018 22:19

Tgt Ion: 74 Resp: 35983

Ion Ratio Lower Upper

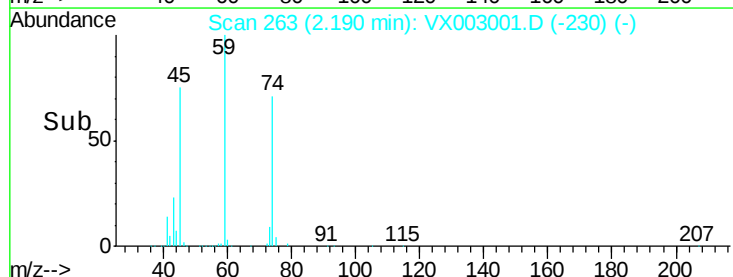
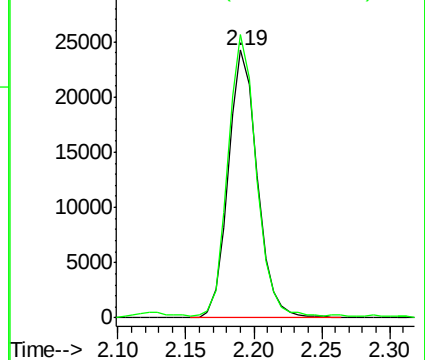
74 100

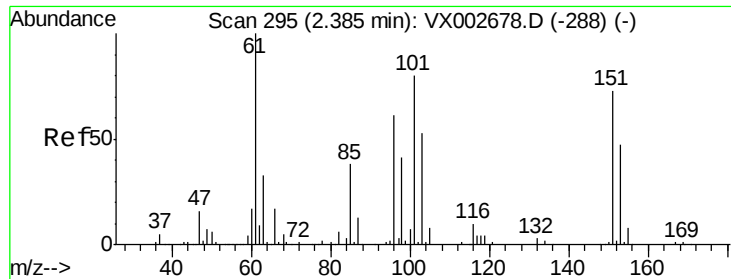
45 103.3 20.5 184.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

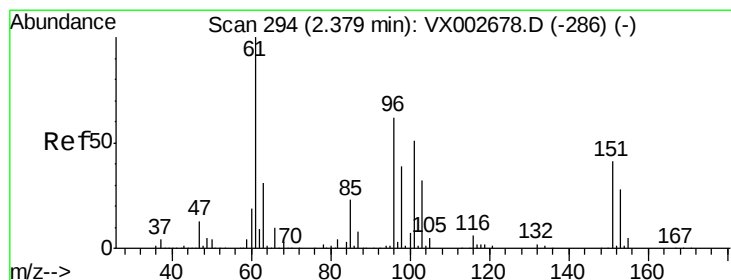
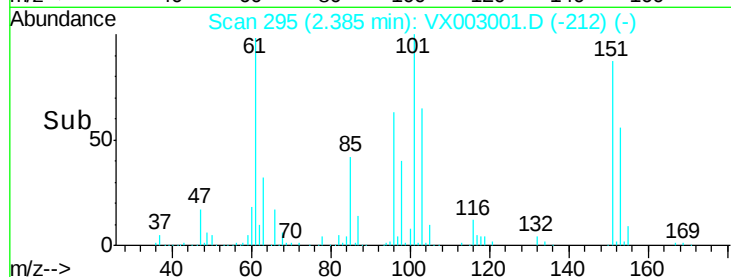
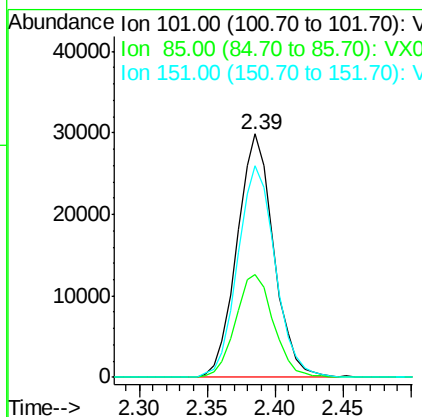
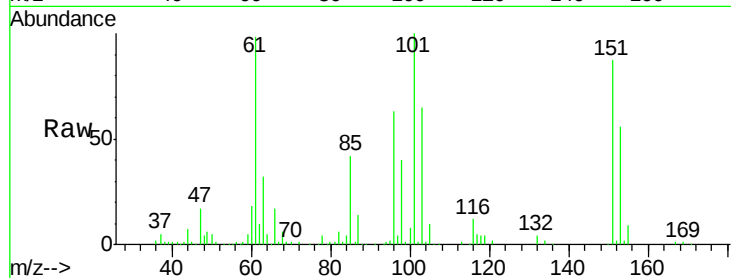




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.98 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

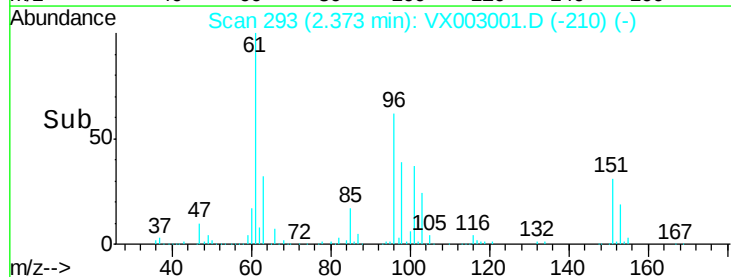
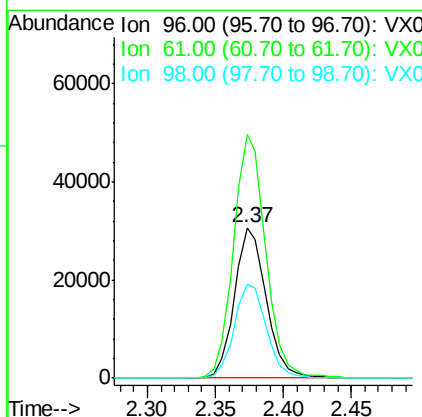
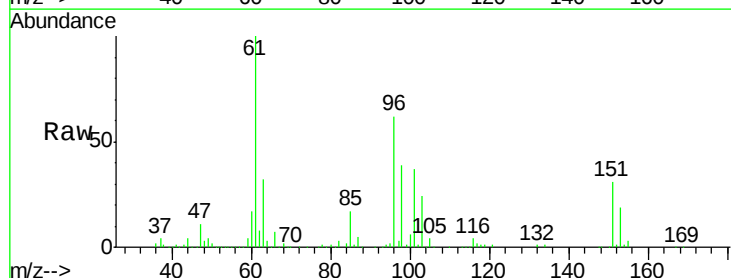
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

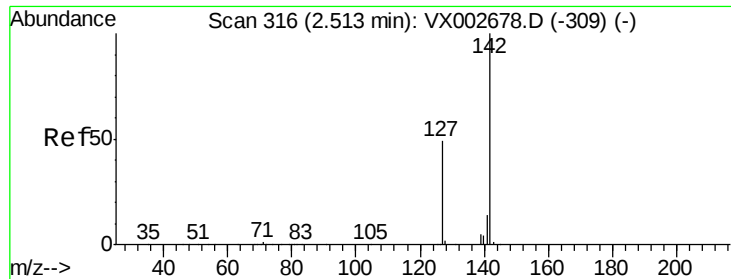
Tot Ion:101 Resp: 56377
 Ion Ratio Lower Upper
 101 100
 85 43.9 0.0 87.0
 151 89.2 0.0 177.6



#10
 1,1-Dichloroethene
 Concen: 19.03 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion: 96 Resp: 49752
 Ion Ratio Lower Upper
 96 100
 61 161.9 137.5 206.3
 98 62.7 51.4 77.2

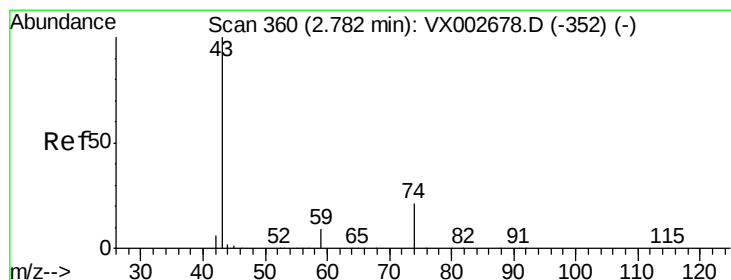
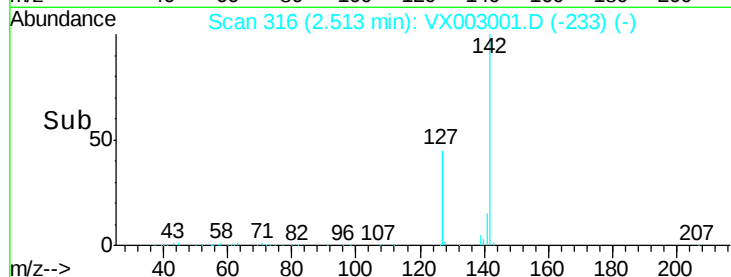
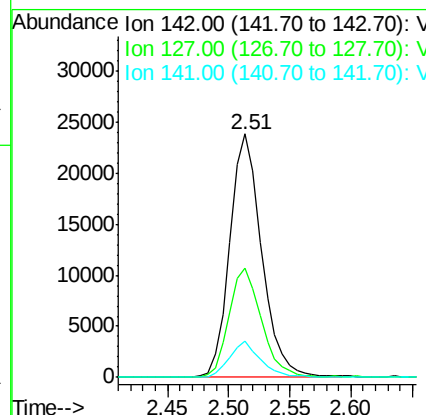
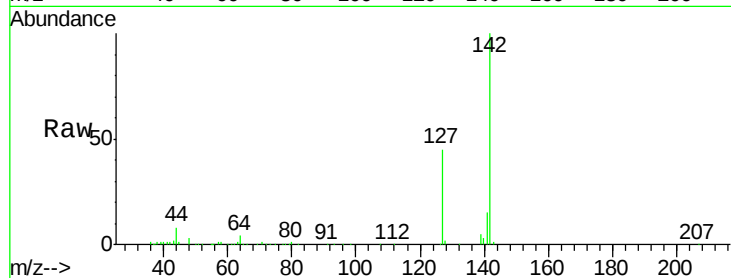




#11
Methvl Iodide
Concen: 14.29 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

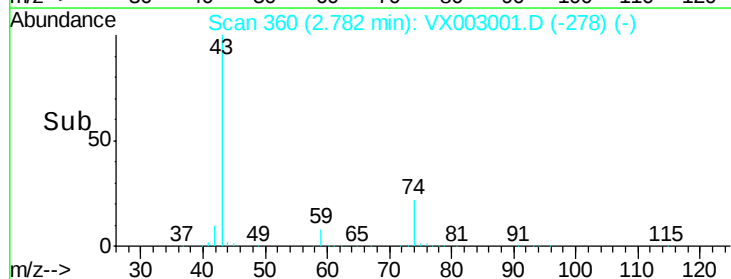
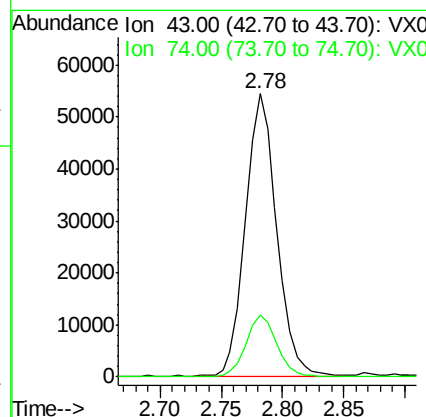
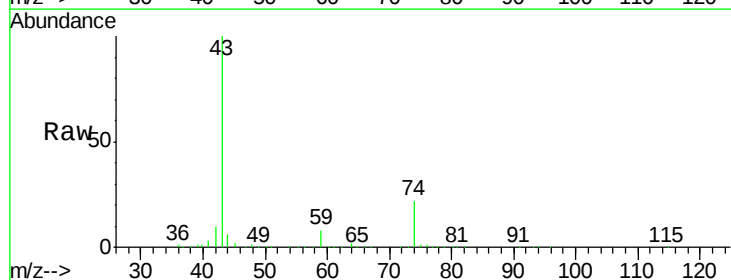
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

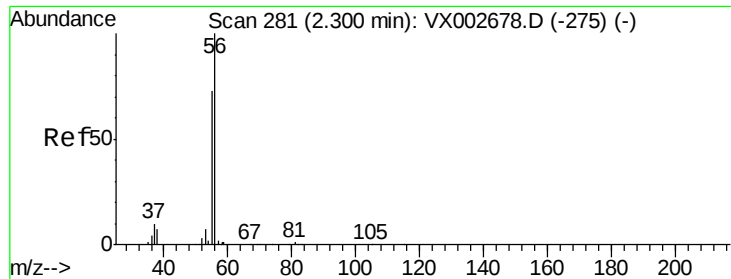
Tot Ion:142 Resp: 43029
Ion Ratio Lower Upper
142 100
127 45.1 23.2 69.6
141 15.0 7.4 22.2



#12
Methyl Acetate
Concen: 22.69 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion: 43 Resp: 96281
Ion Ratio Lower Upper
43 100
74 21.7 16.4 24.6





#13

Acrolein

Concen: 50.22 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

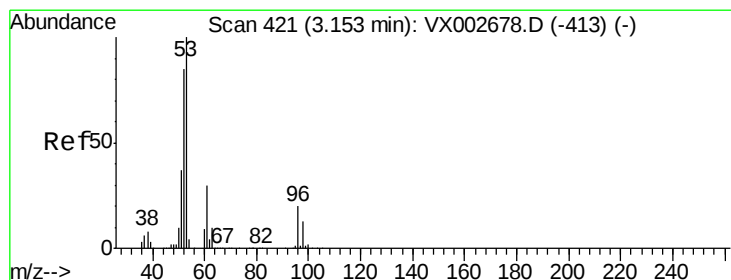
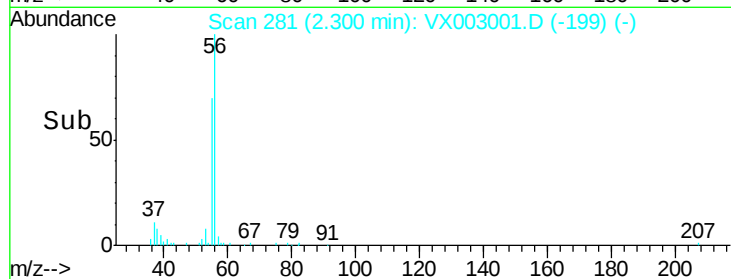
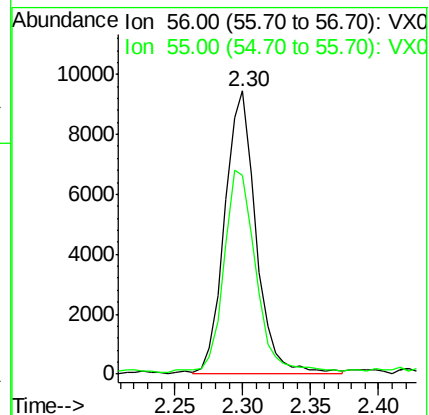
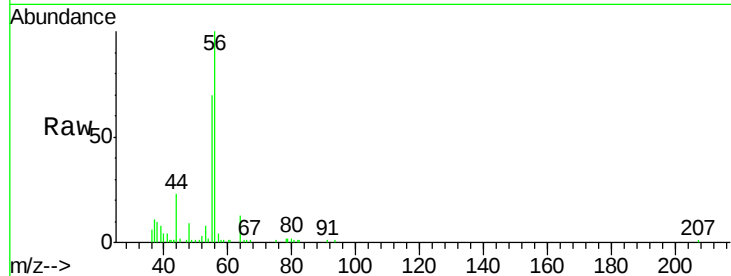
VX0628WBS02

Tot Ion: 56 Resp: 15149

Ion Ratio Lower Upper

56 100

55 73.0 57.3 85.9



#14

Acrylonitrile

Concen: 100.03 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

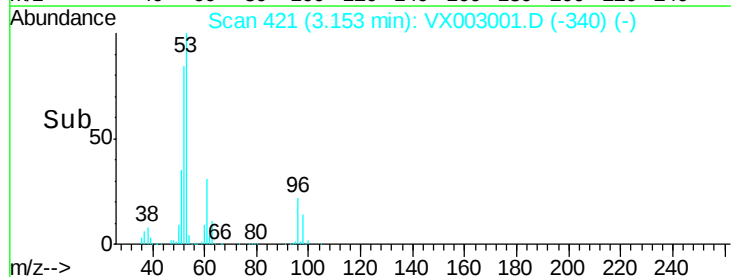
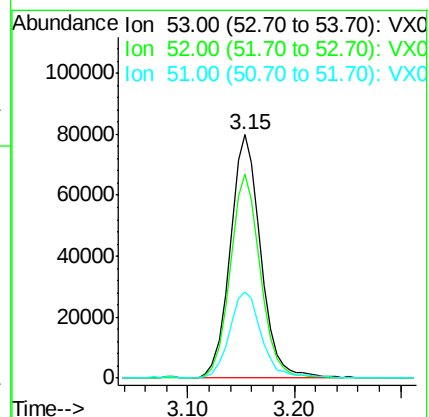
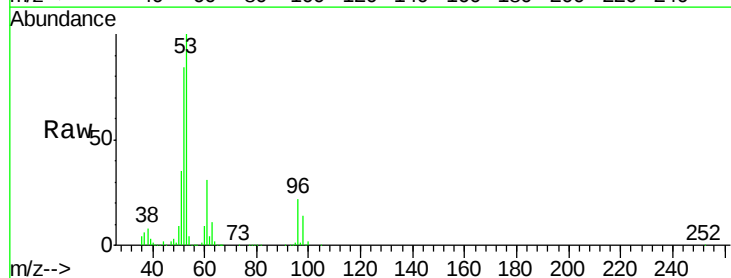
Tgt Ion: 53 Resp: 159632

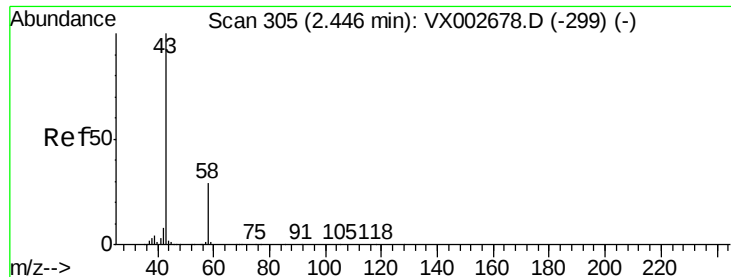
Ion Ratio Lower Upper

53 100

52 82.3 41.5 124.6

51 37.0 17.9 53.8





#15

Acetone

Concen: 96.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

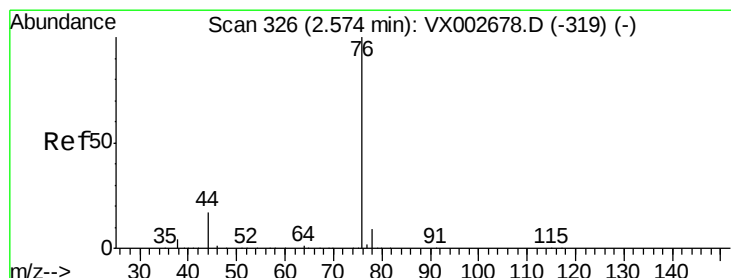
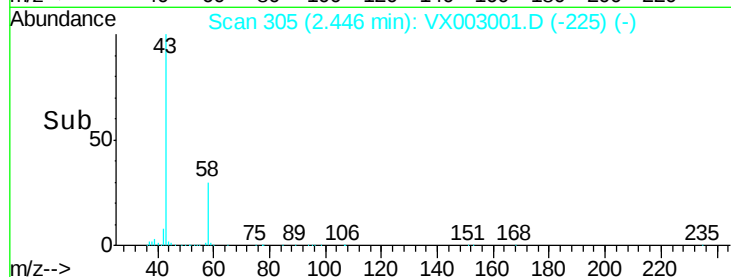
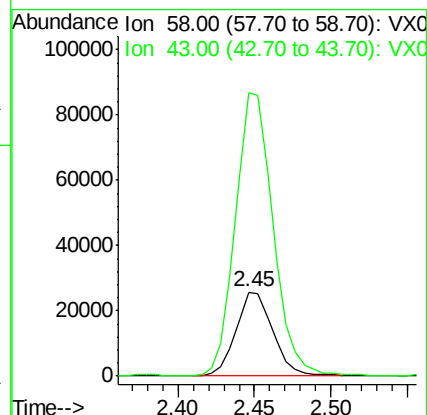
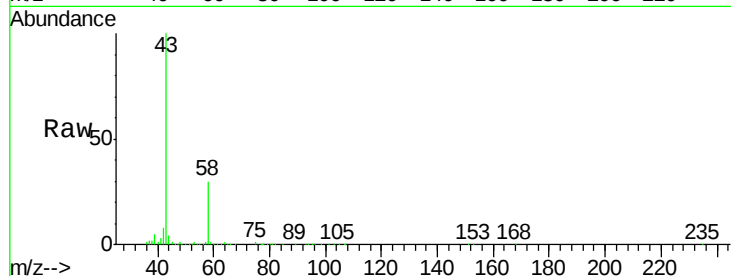
VX0628WBS02

Tot Ion: 58 Resp: 42940

Ion Ratio Lower Upper

58 100

43 337.2 278.8 418.2



#16

Carbon Disulfide

Concen: 19.70 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003001.D

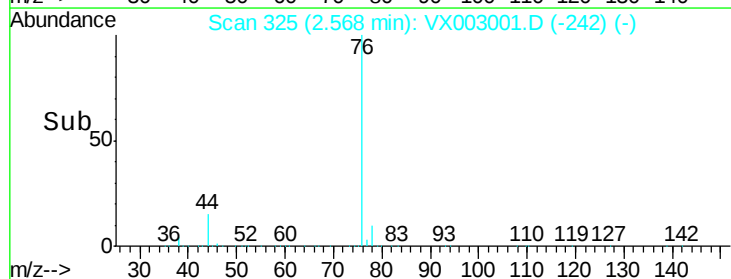
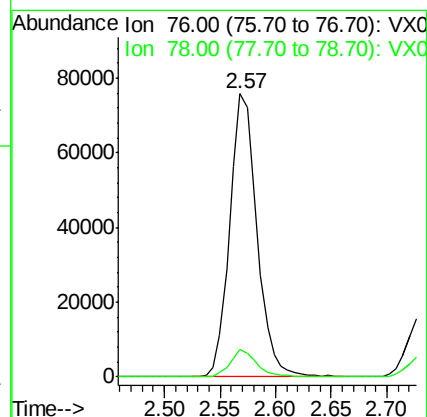
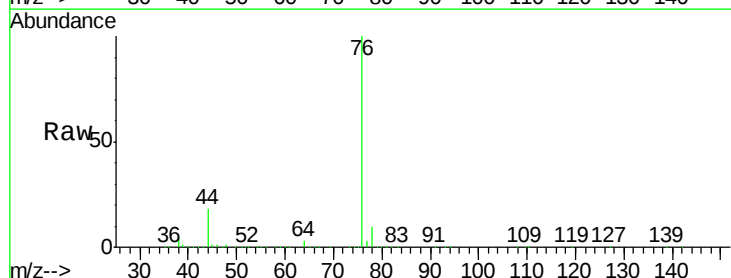
Acq: 28 Jun 2018 22:19

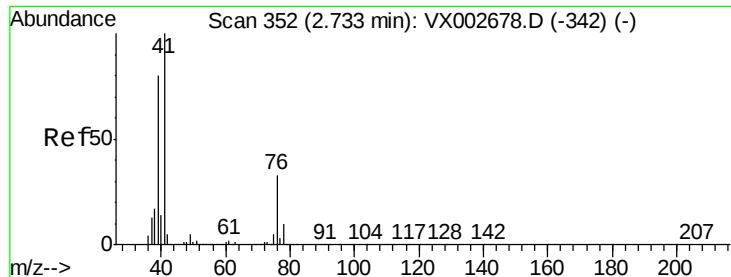
Tgt Ion: 76 Resp: 128936

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0





#17

Allvl chloride

Concen: 18.60 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

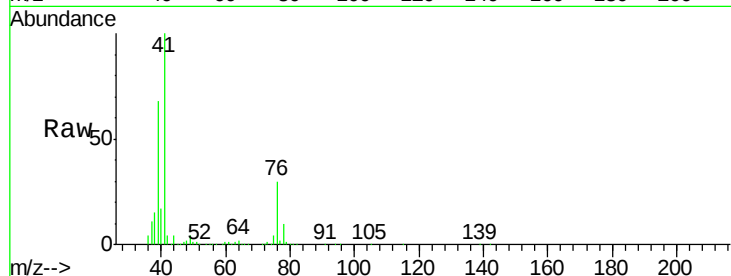
Tot Ion: 41 Resp: 96763

Ion Ratio Lower Upper

41 100

39 68.0 34.6 103.8

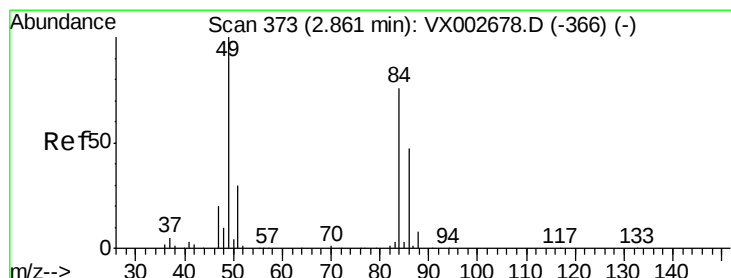
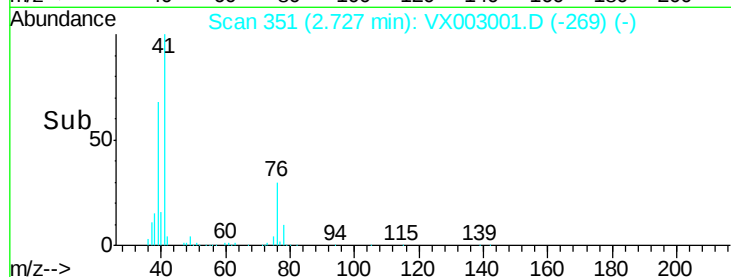
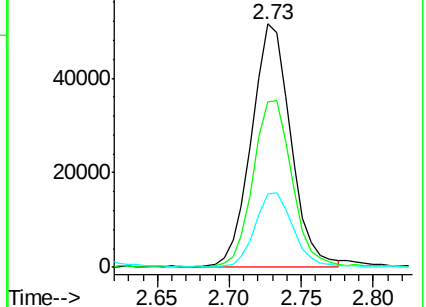
76 30.1 15.0 45.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 18.96 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion: 84 Resp: 56730

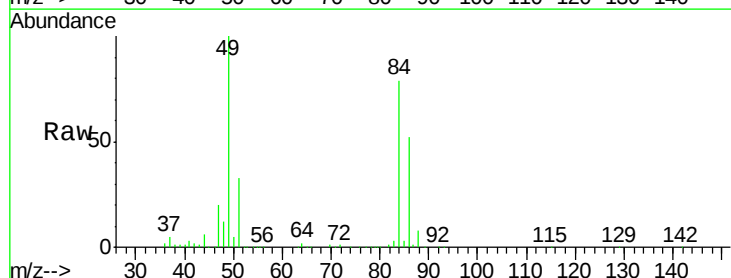
Ion Ratio Lower Upper

84 100

49 125.8 104.7 157.1

51 42.0 31.0 46.4

86 65.8 50.8 76.2

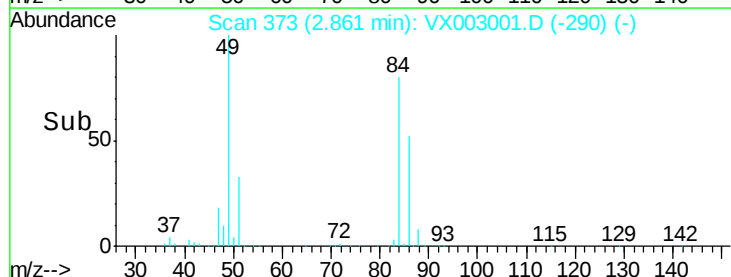
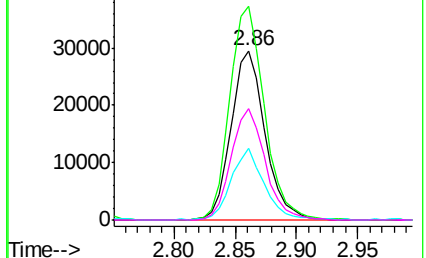


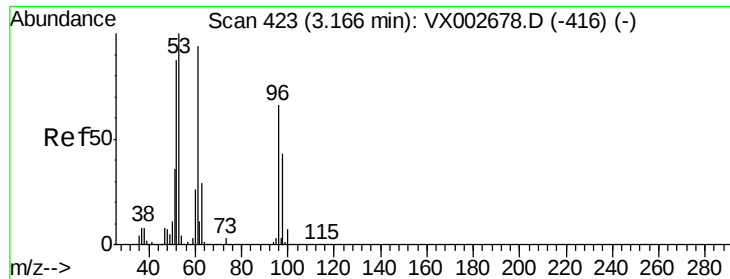
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 19.26 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

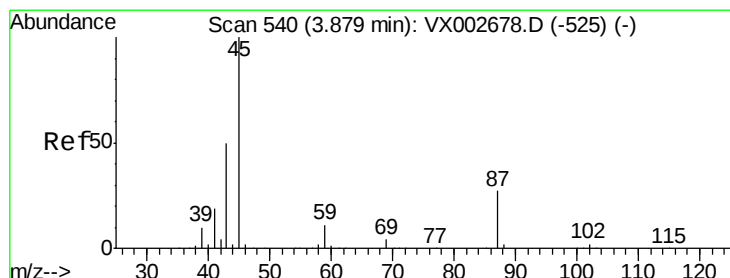
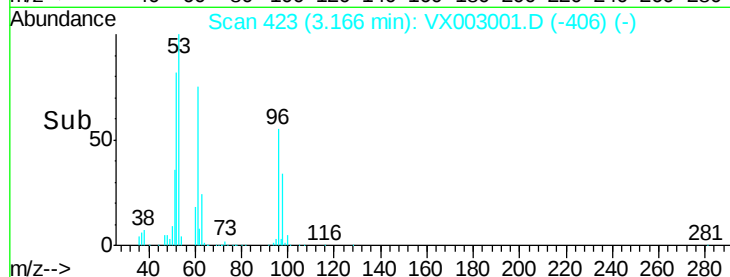
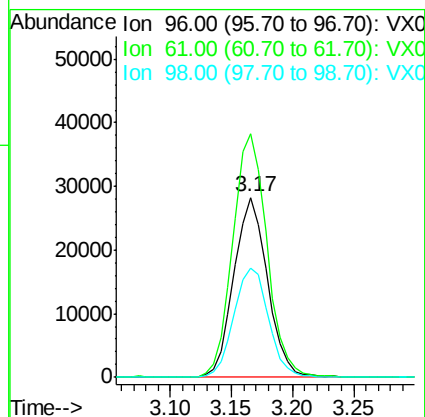
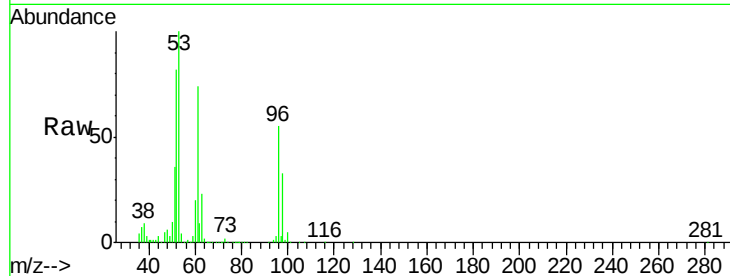
Tot Ion: 96 Resp: 53985

Ion Ratio Lower Upper

96 100

61 134.9 114.6 172.0

98 60.6 51.3 76.9



#20

Diisopropyl ether

Concen: 20.45 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion: 45 Resp: 198238

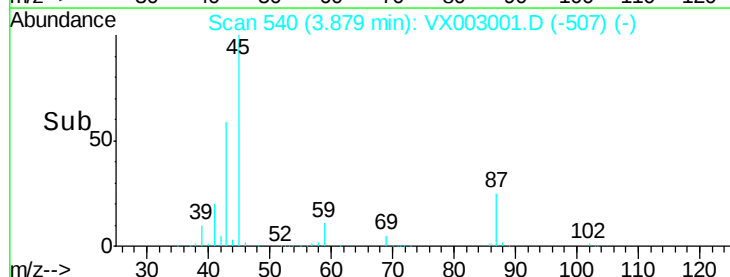
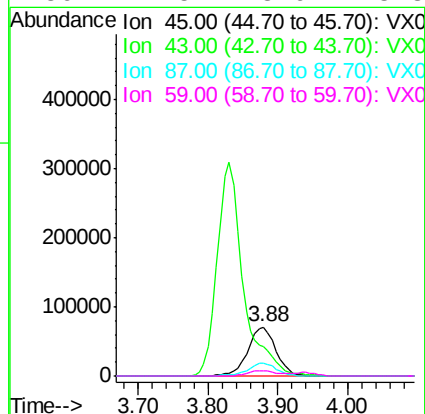
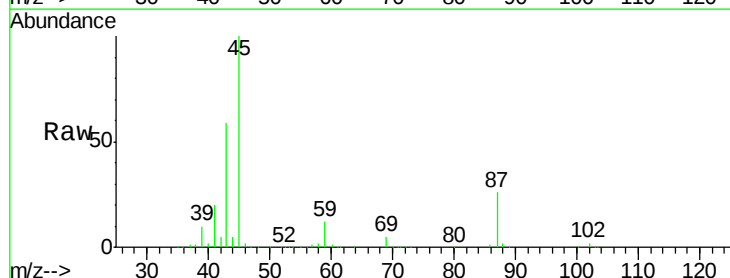
Ion Ratio Lower Upper

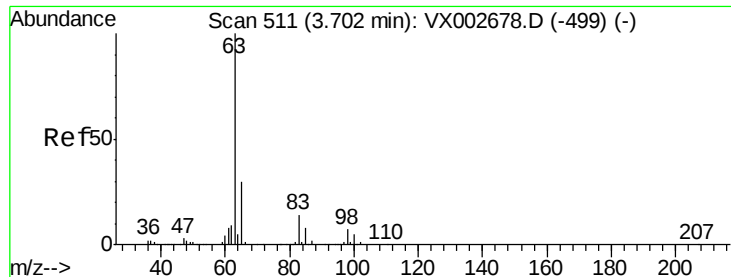
45 100

43 58.8 45.6 68.4

87 25.7 20.7 31.1

59 11.5 8.9 13.3





#21

1,1-Dichloroethane

Concen: 20.43 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

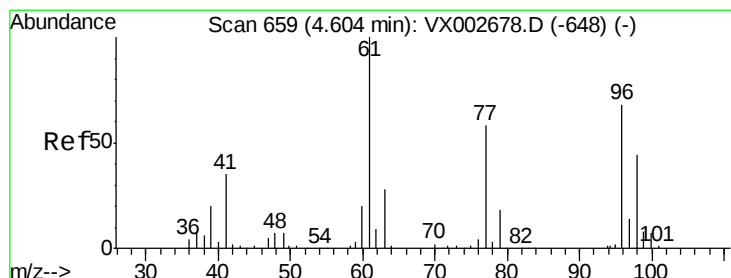
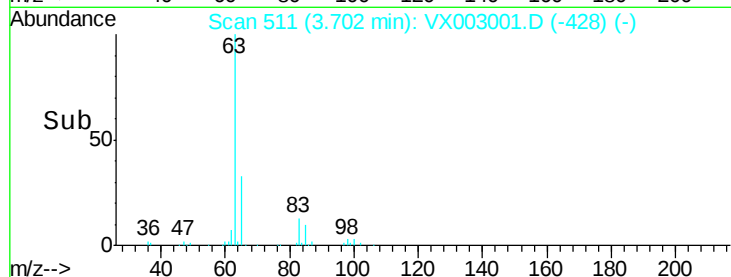
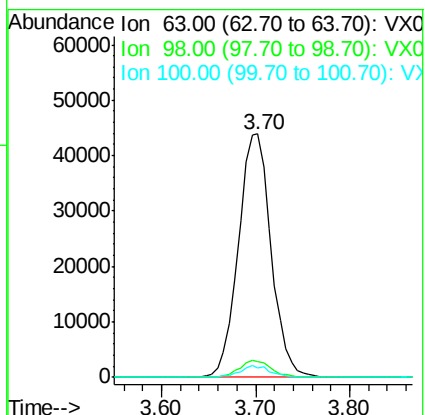
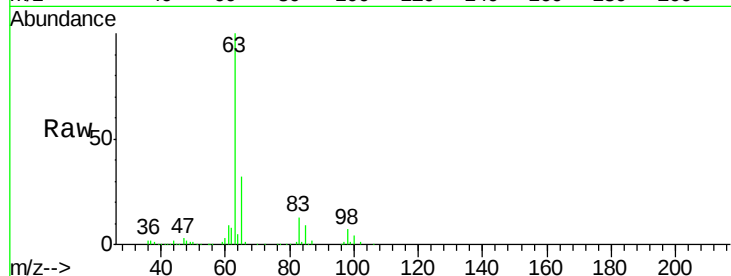
Tot Ion: 63 Resp: 106481

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

100 3.8 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 21.55 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

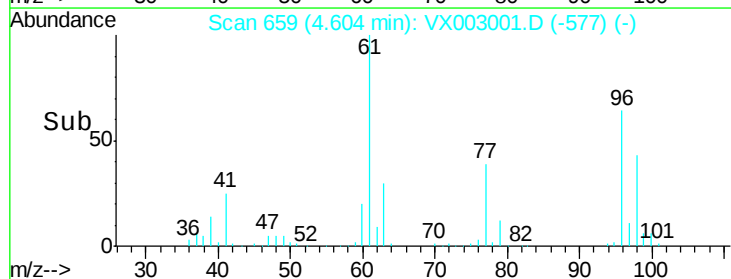
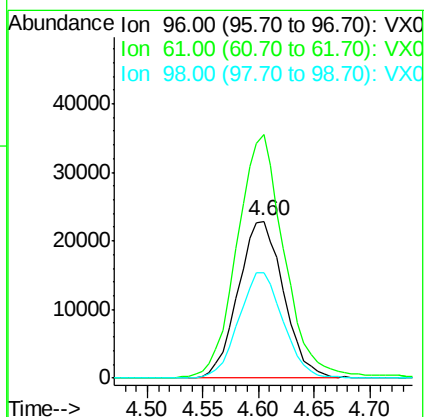
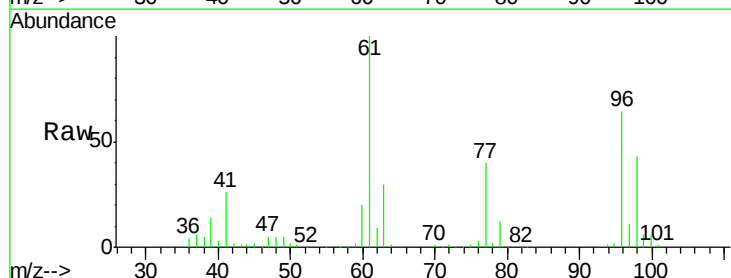
Tgt Ion: 96 Resp: 64929

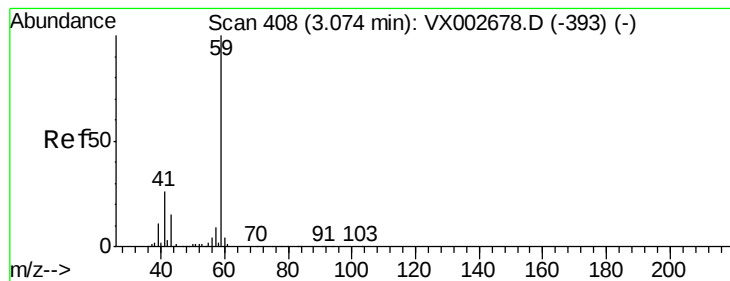
Ion Ratio Lower Upper

96 100

61 161.5 160.2 240.2

98 65.7 54.1 81.1





#23

tert-Butyl Alcohol

Concen: 101.16 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.02 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

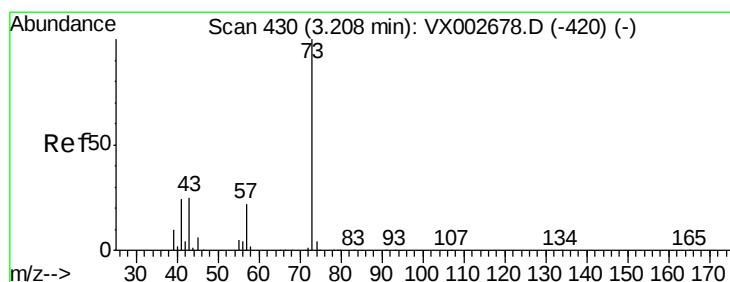
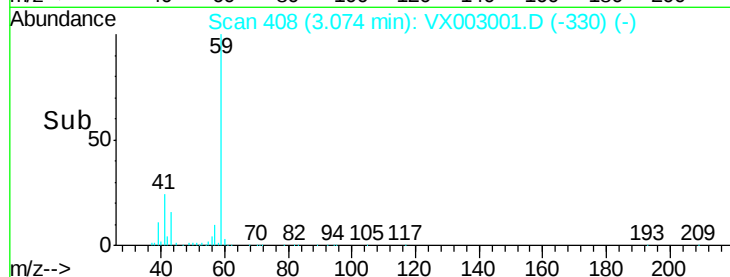
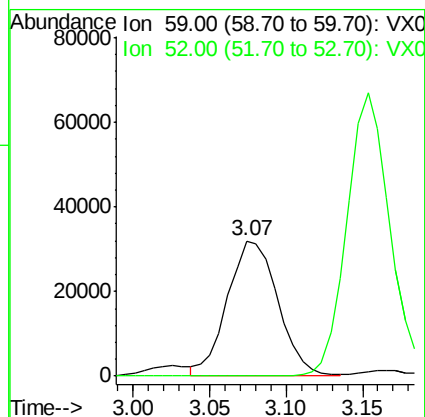
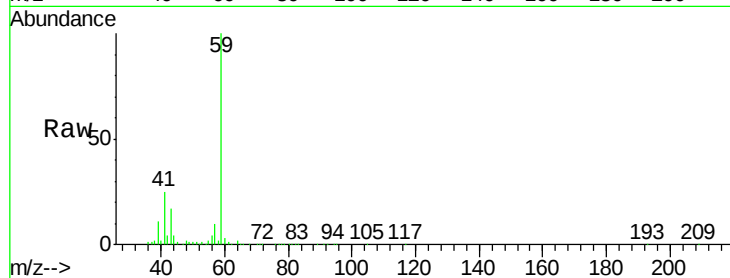
VX0628WBS02

Tot Ion: 59 Resp: 73294

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 18.99 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX003001.D

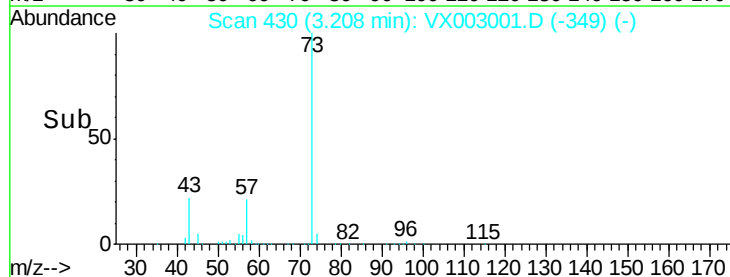
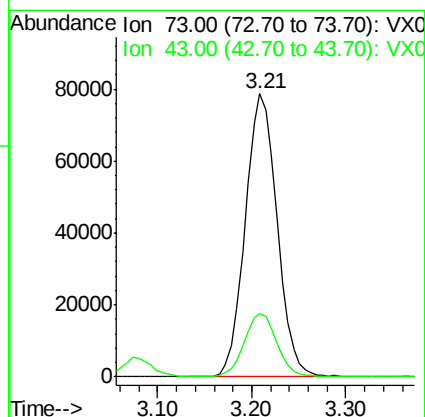
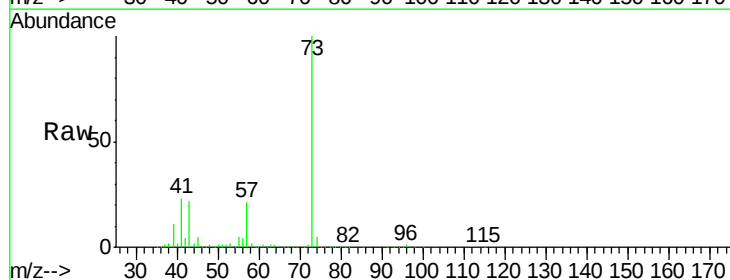
Acq: 28 Jun 2018 22:19

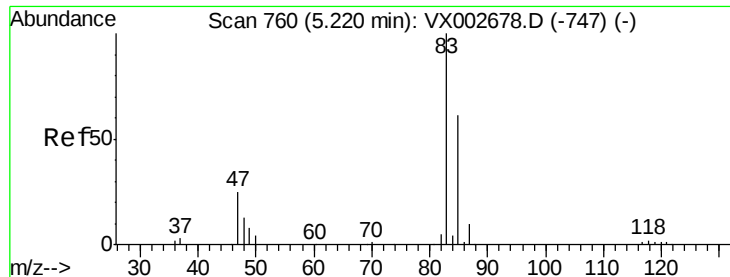
Tgt Ion: 73 Resp: 185395

Ion Ratio Lower Upper

73 100

43 22.6 19.0 28.4

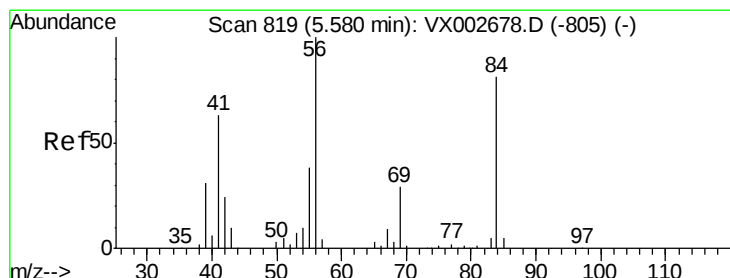
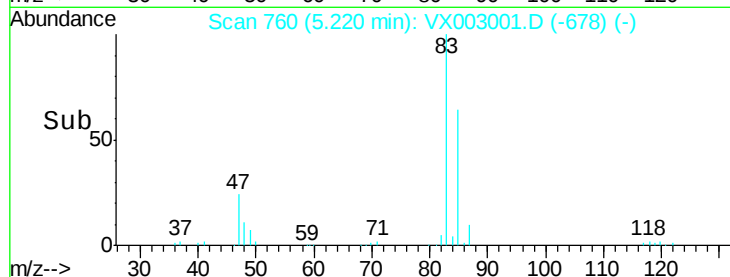
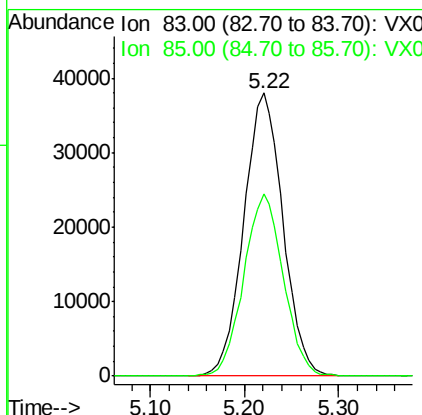
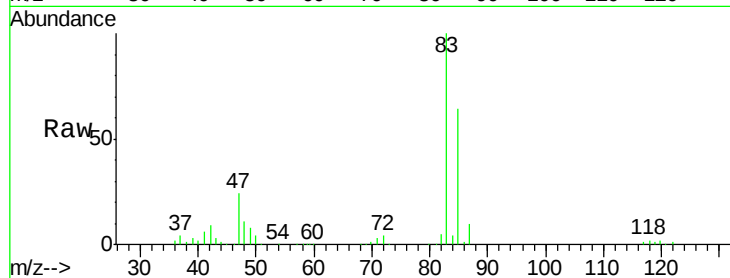




#25
Chloroform
Concen: 21.14 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

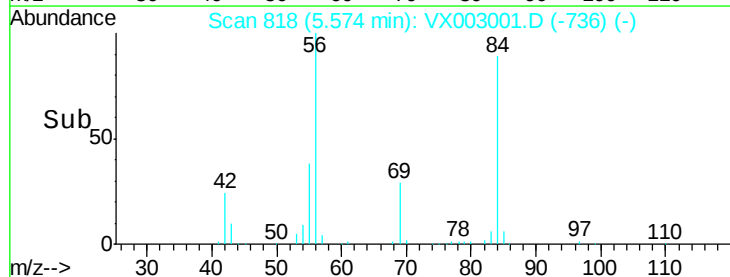
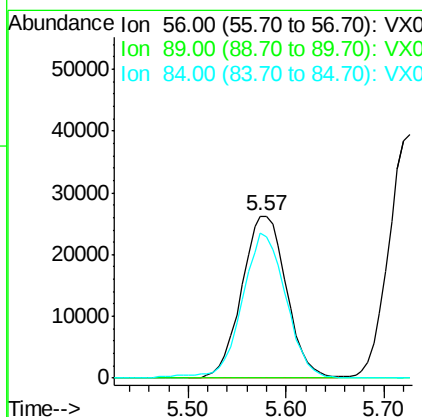
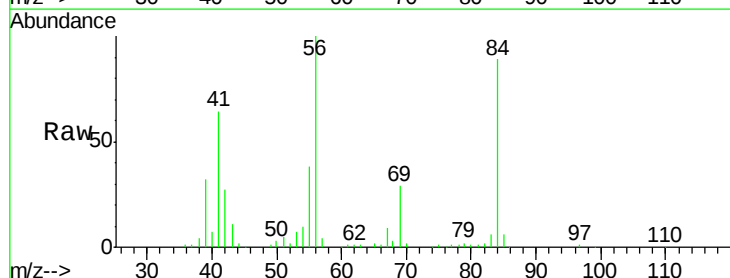
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

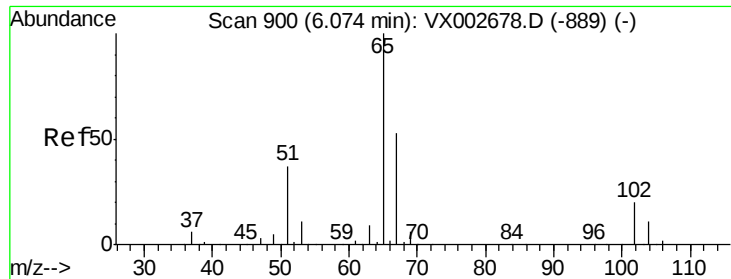
Tot Ion: 83 Resp: 110595
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9



#26
Cyclohexane
Concen: 18.78 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion: 56 Resp: 83155
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.6 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 29.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

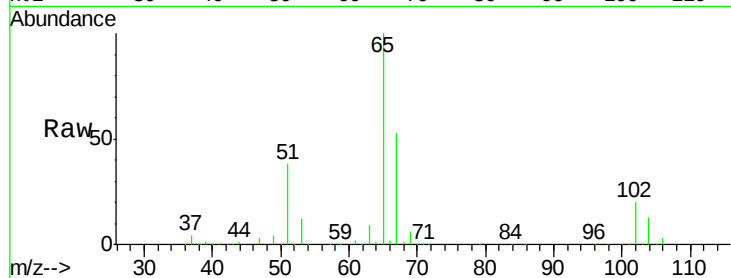
VX0628WBS02

Tot Ion: 65 Resp: 113942

Ion Ratio Lower Upper

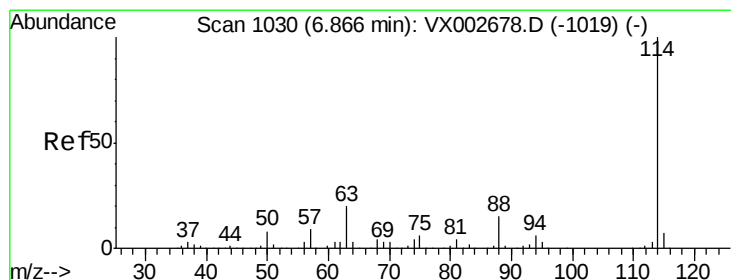
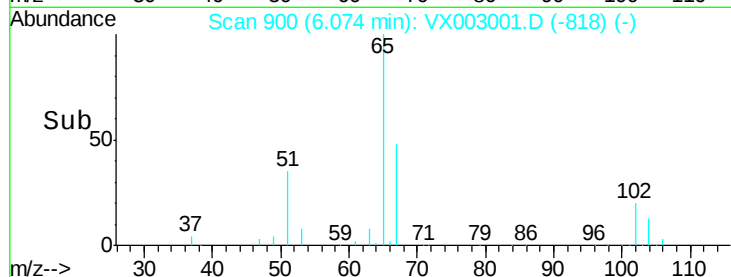
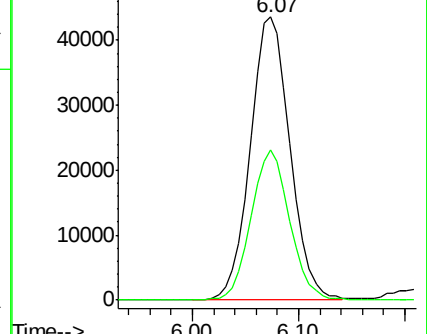
65 100

67 51.4 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

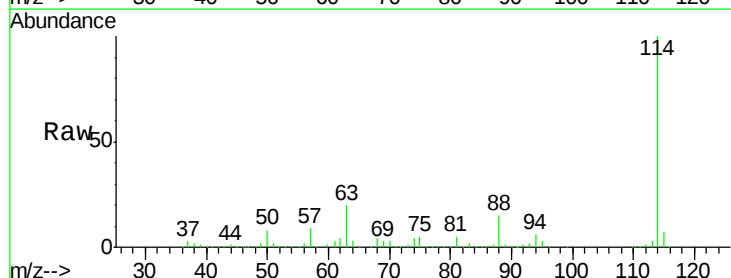
Tgt Ion: 114 Resp: 277007

Ion Ratio Lower Upper

114 100

63 20.1 17.1 25.7

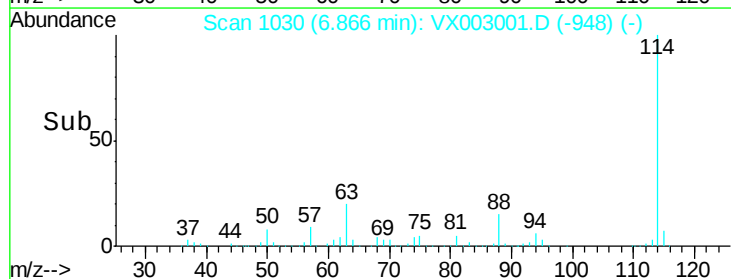
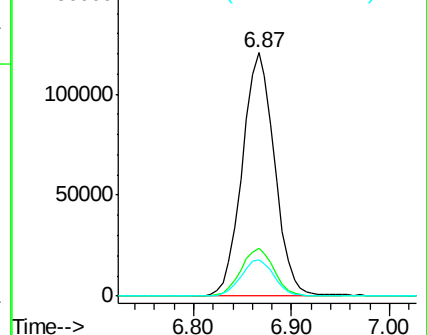
88 15.1 12.6 19.0

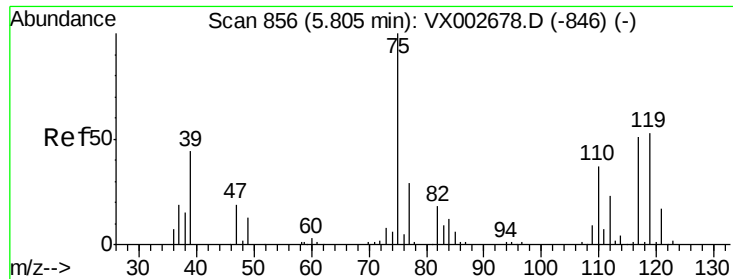


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

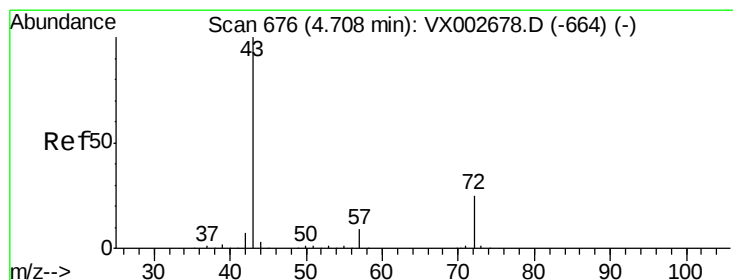
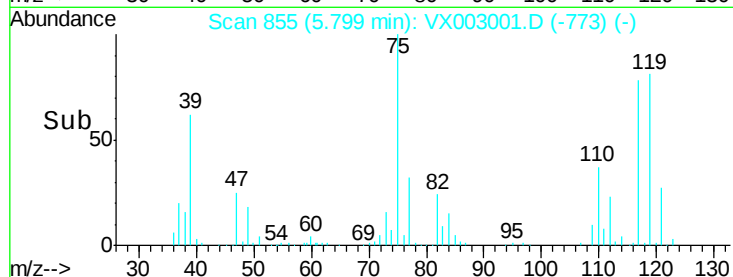
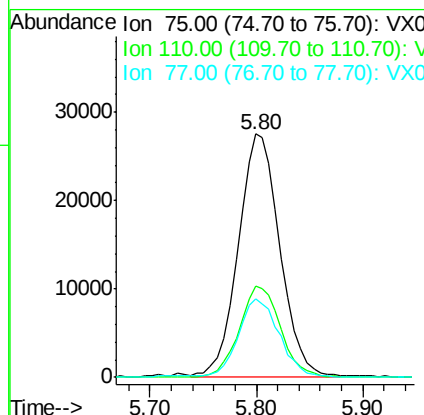
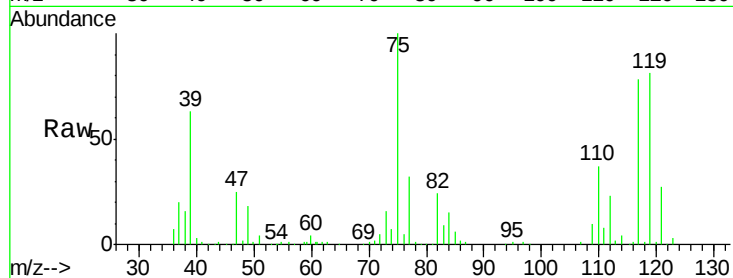




#29
 1,1-Dichloropropene
 Concen: 20.23 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

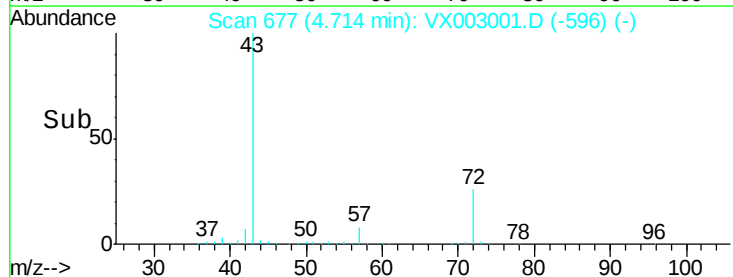
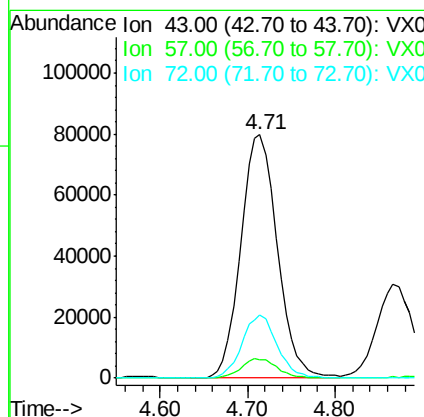
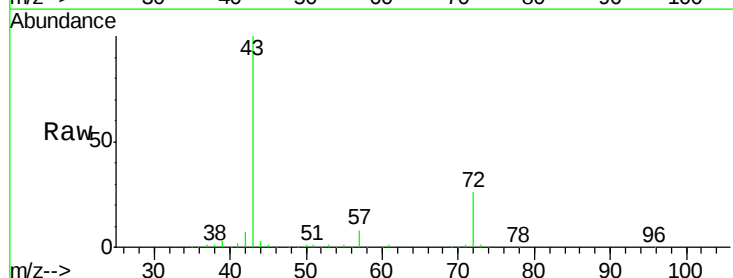
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

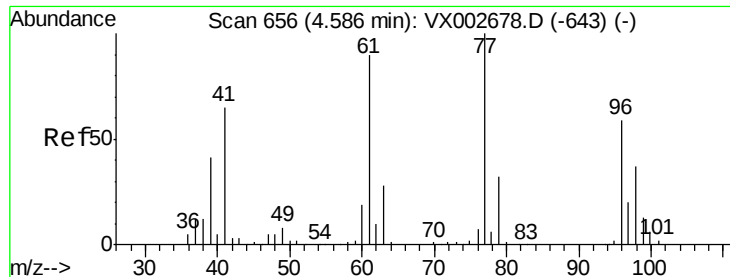
Tot Ion: 75 Resp: 75679
 Ion Ratio Lower Upper
 75 100
 110 37.0 0.0 71.4
 77 31.7 0.0 60.6



#30
 2-Butanone
 Concen: 108.16 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion: 43 Resp: 231532
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.1 9.1
 72 25.0 18.1 27.1





#31

2,2-Dichloropropane

Concen: 16.15 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

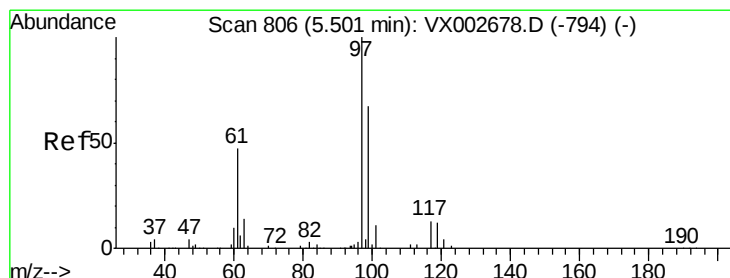
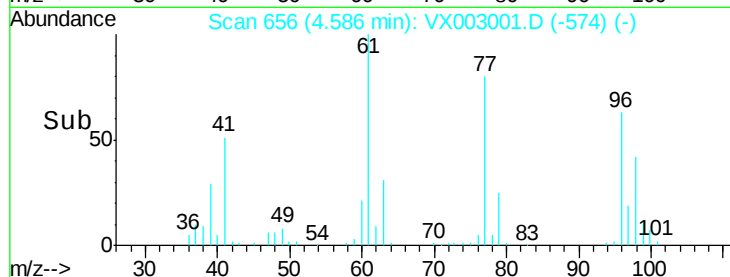
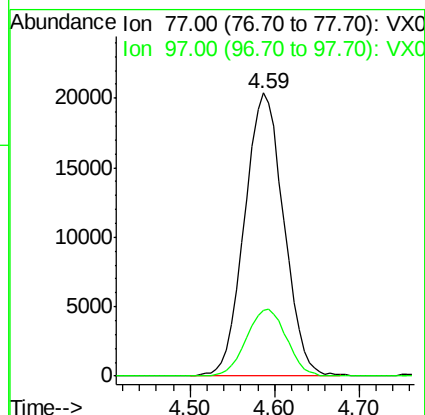
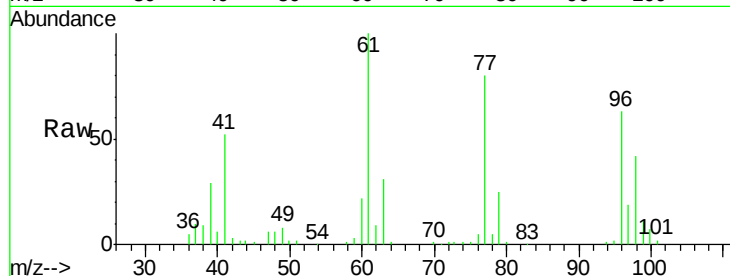
VX0628WBS02

Tot Ion: 77 Resp: 64548

Ion Ratio Lower Upper

77 100

97 24.3 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 20.95 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

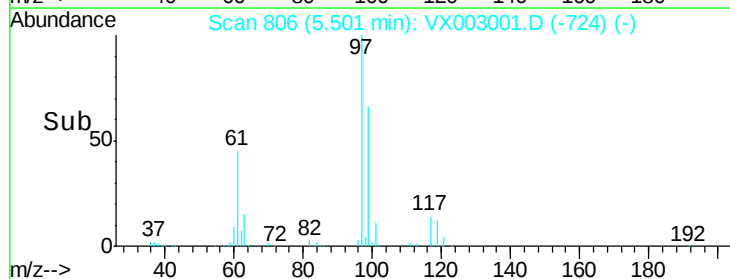
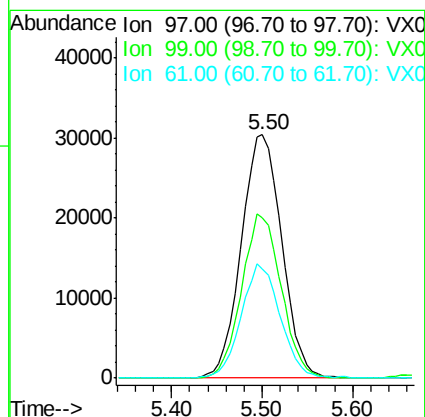
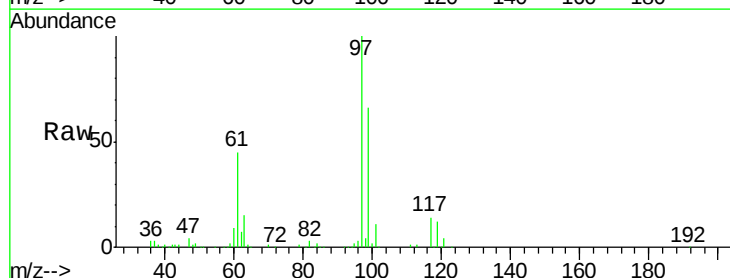
Tgt Ion: 97 Resp: 94683

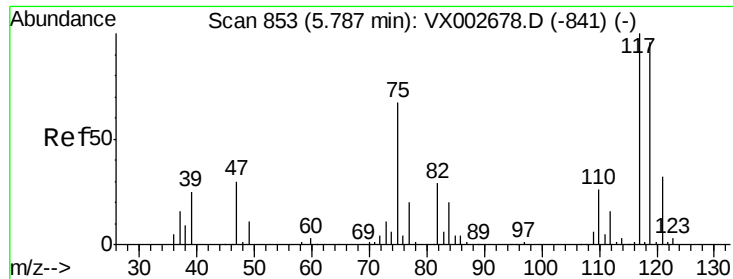
Ion Ratio Lower Upper

97 100

99 65.5 51.7 77.5

61 45.1 36.4 54.6





#33

Carbon Tetrachloride

Concen: 20.74 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

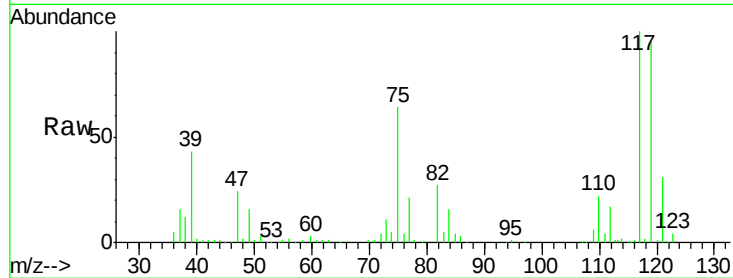
Tot Ion:117 Resp: 84246

Ion Ratio Lower Upper

117 100

119 95.0 73.3 109.9

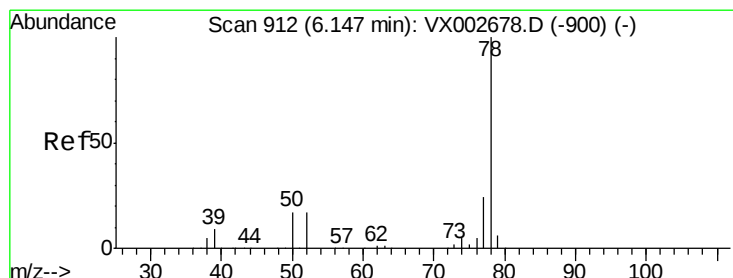
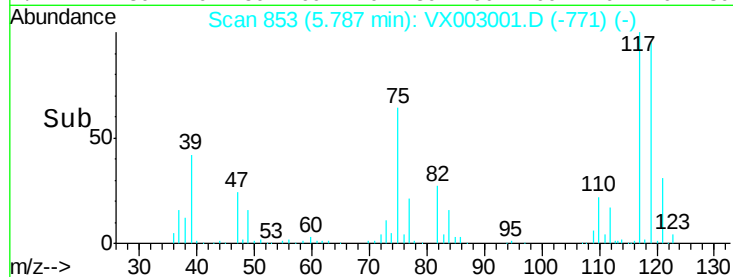
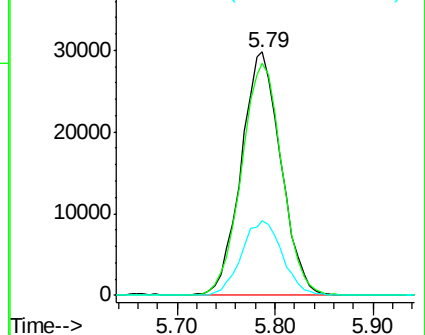
121 30.7 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.65 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

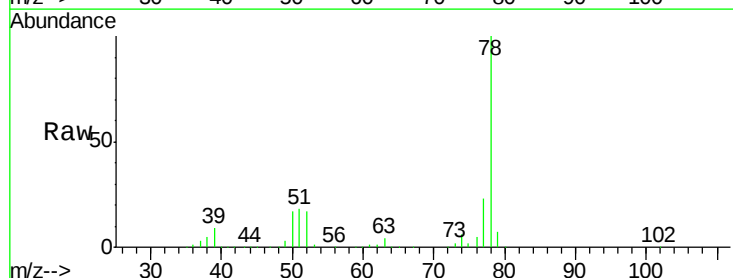
Tgt Ion: 78 Resp: 228789

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.0

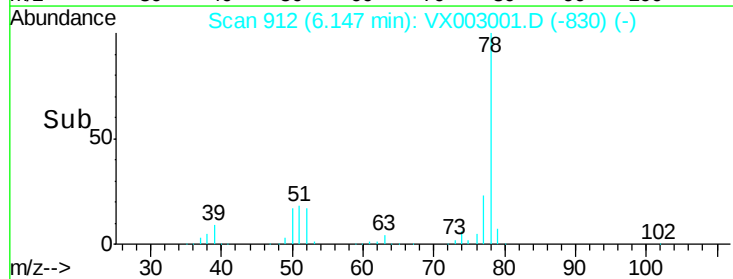
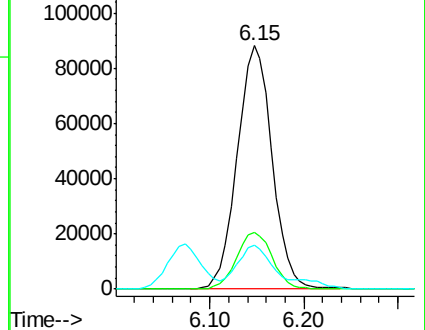
51 17.2 13.8 20.6

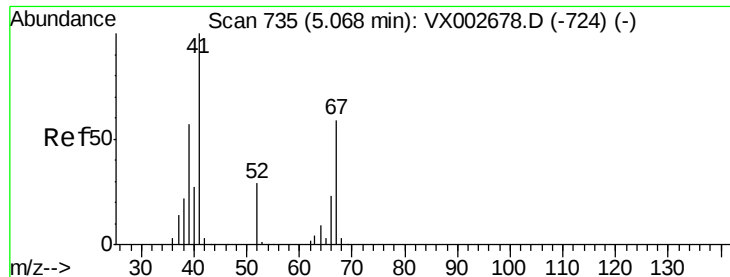


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

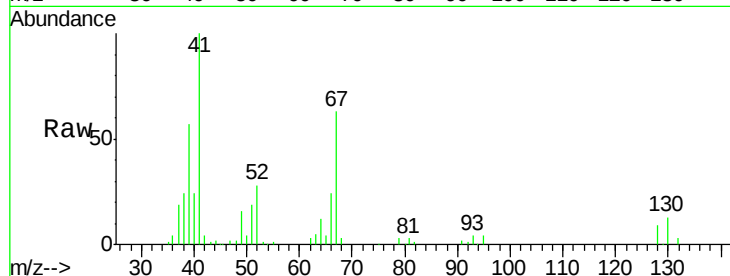




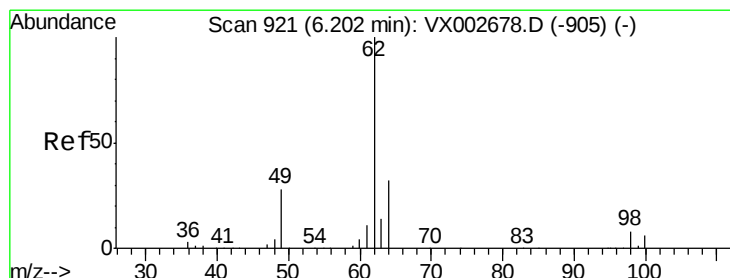
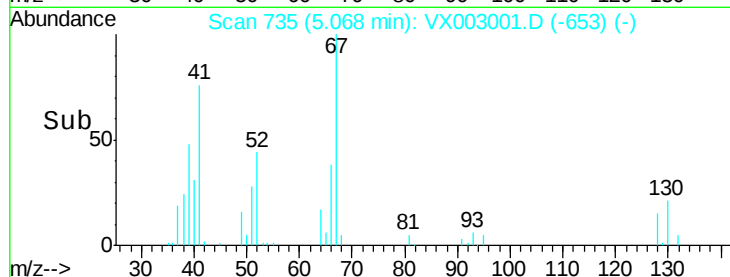
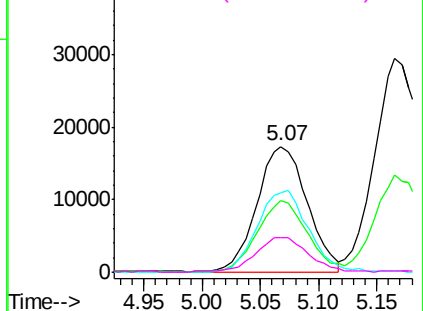
#35
Methacrylonitrile
Concen: 22.03 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion:	41	Resp:	51350
Ion	Ratio	Lower	Upper
41	100		
39	57.3	28.8	86.5
67	63.3	30.4	91.2
52	27.5	13.0	39.0

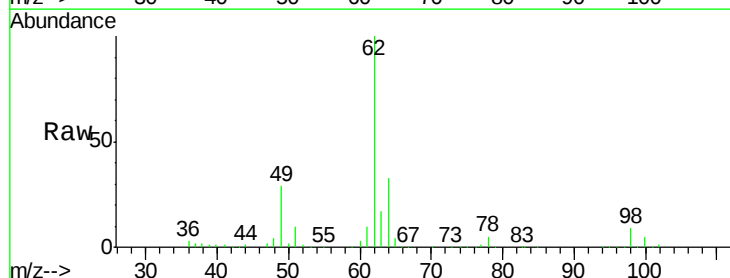


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

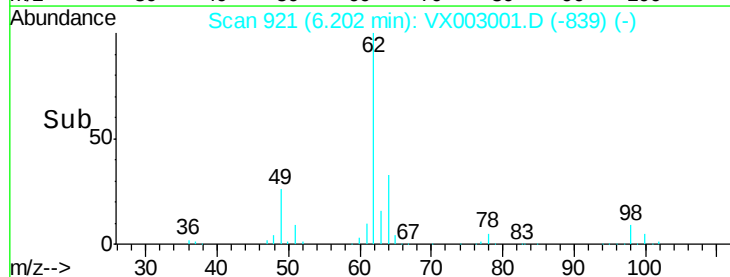
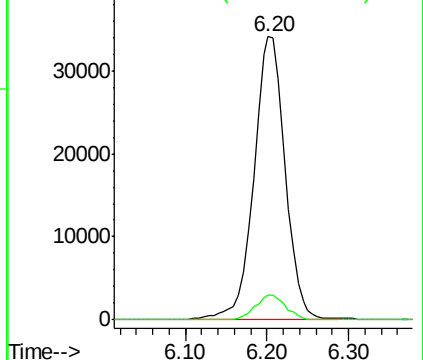


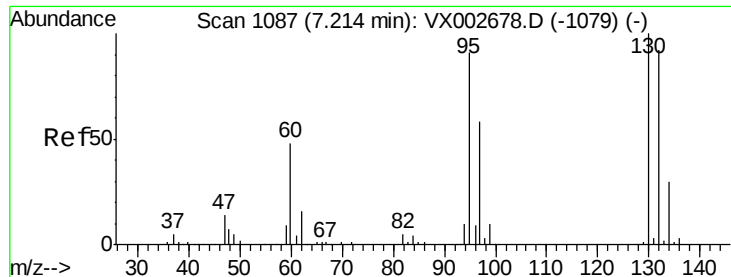
#36
1,2-Dichloroethane
Concen: 21.01 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion:	62	Resp:	91401
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.5	9.7



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

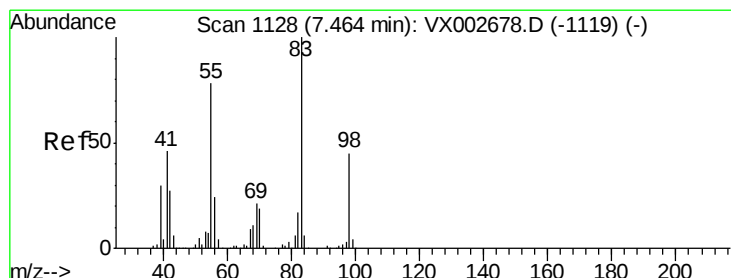
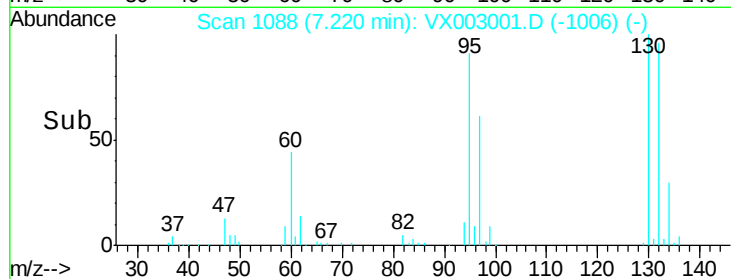
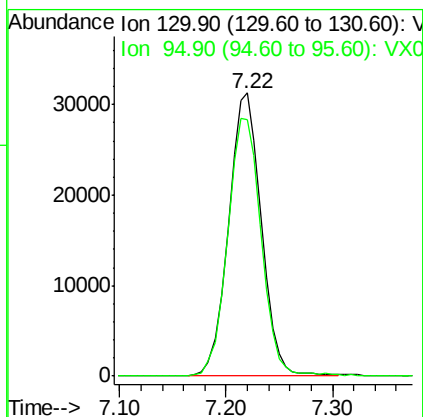
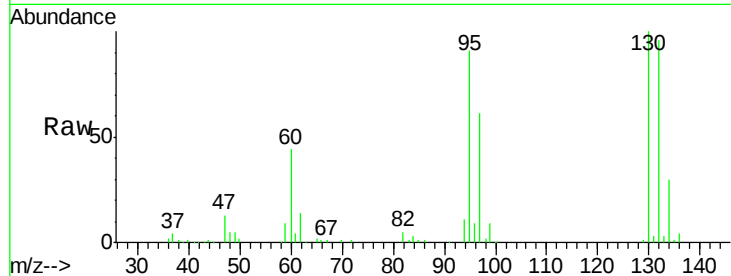




#37
 Trichloroethene
 Concen: 20.75 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

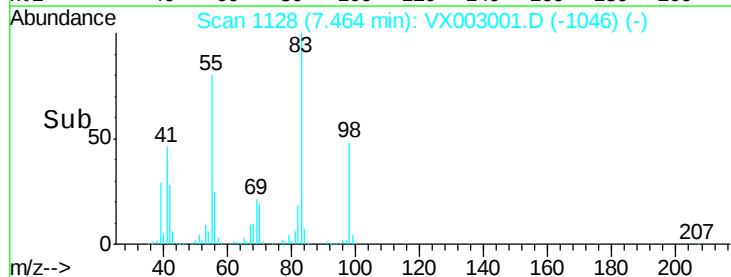
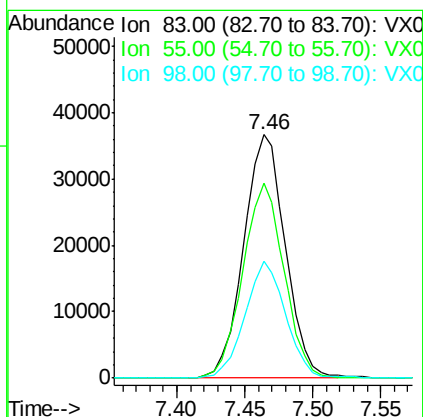
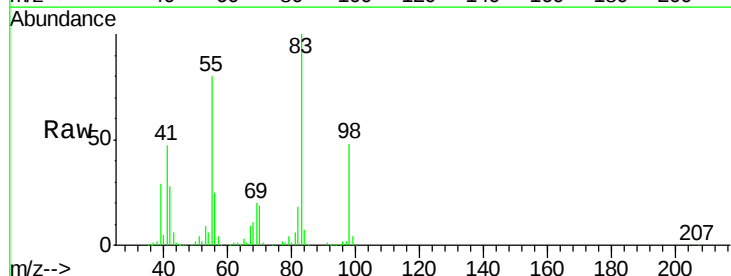
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

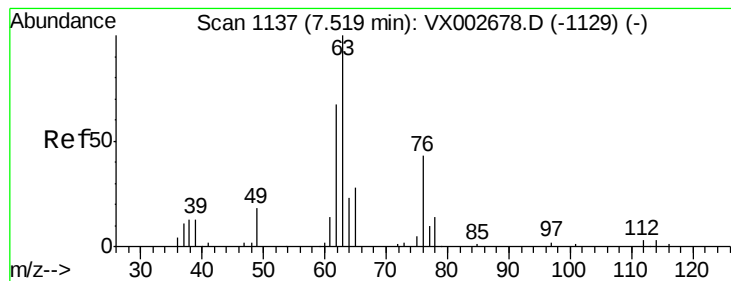
Tot Ion:130 Resp: 67332
 Ion Ratio Lower Upper
 130 100
 95 90.3 81.5 122.3



#38
 Methylcyclohexane
 Concen: 17.28 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion: 83 Resp: 78635
 Ion Ratio Lower Upper
 83 100
 55 79.5 40.6 121.8
 98 47.1 23.5 70.5





#39

1,2-Dichloropropane

Concen: 20.99 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

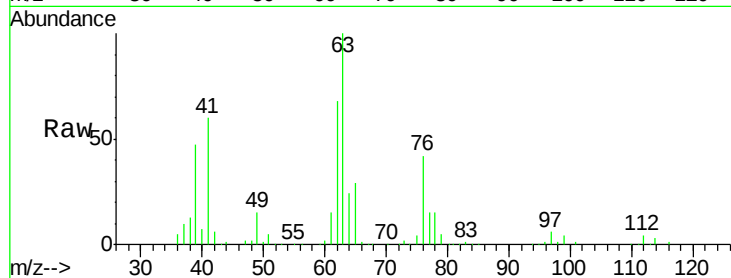
VX0628WBS02

Tot Ion: 63 Resp: 60658

Ion Ratio Lower Upper

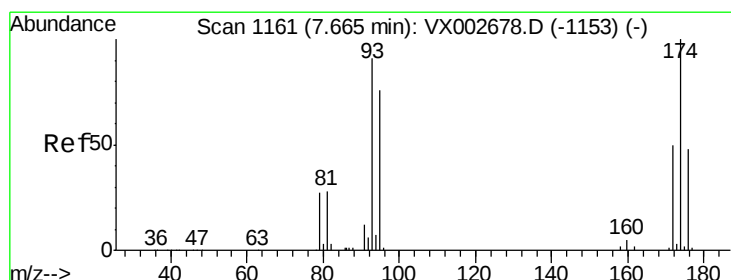
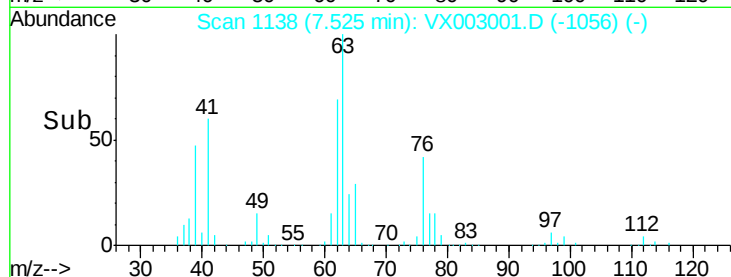
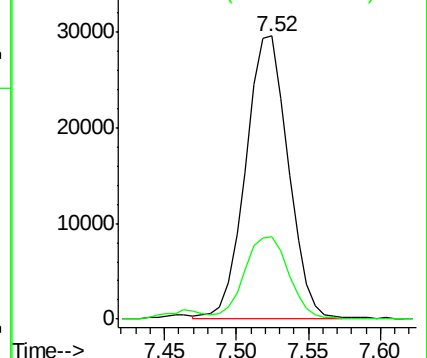
63 100

65 28.9 23.3 34.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 21.27 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

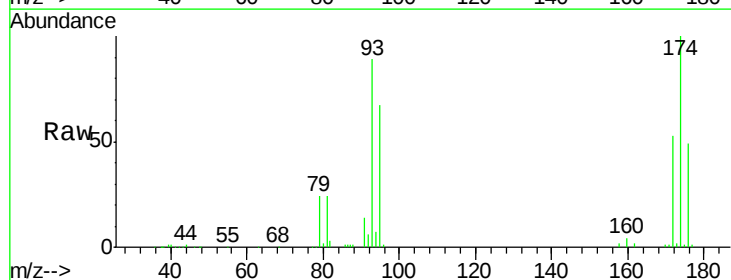
Tgt Ion: 93 Resp: 42700

Ion Ratio Lower Upper

93 100

95 80.2 0.0 162.6

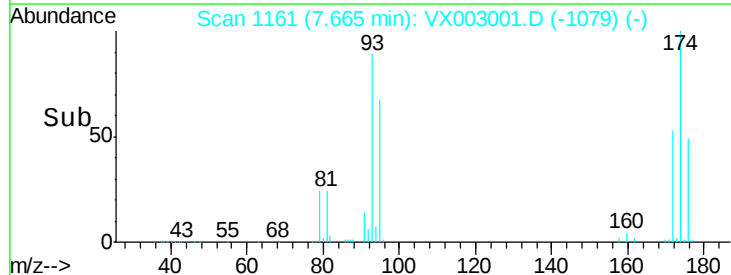
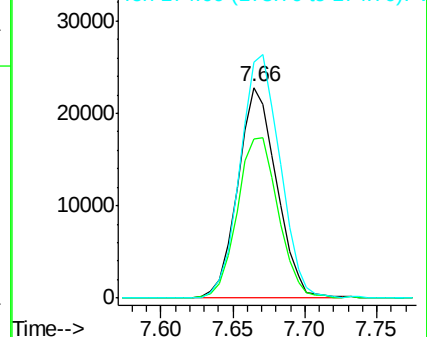
174 118.6 0.0 229.4

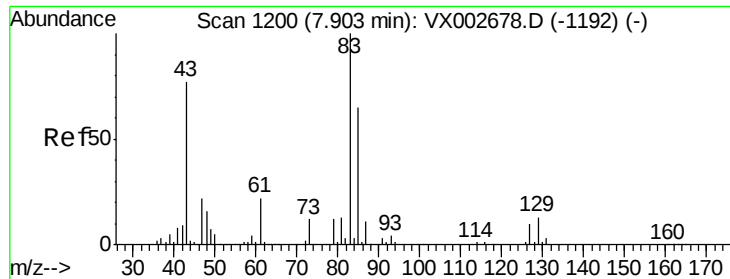


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.86 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

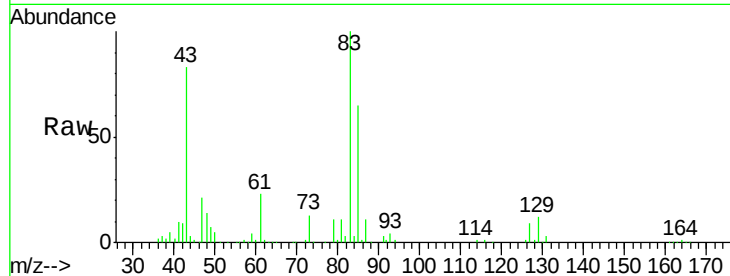
Tot Ion: 83 Resp: 78683

Ion Ratio Lower Upper

83 100

85 65.0 49.8 74.8

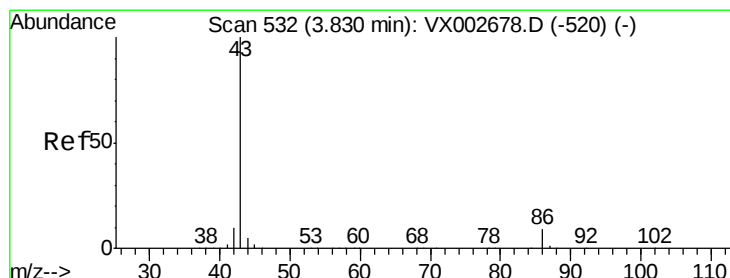
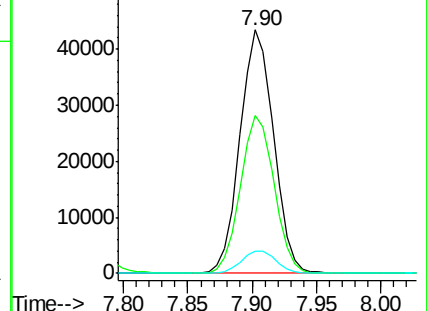
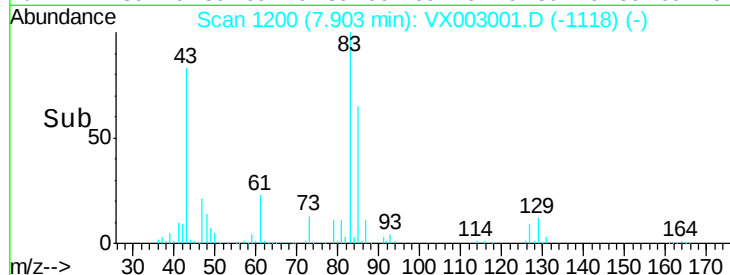
127 9.2 7.3 10.9



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: 99.17 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003001.D

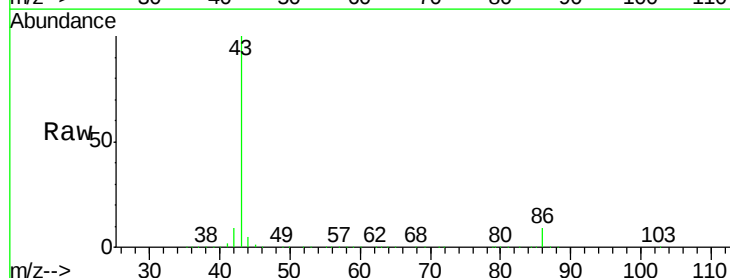
Acq: 28 Jun 2018 22:19

Tgt Ion: 43 Resp: 805068

Ion Ratio Lower Upper

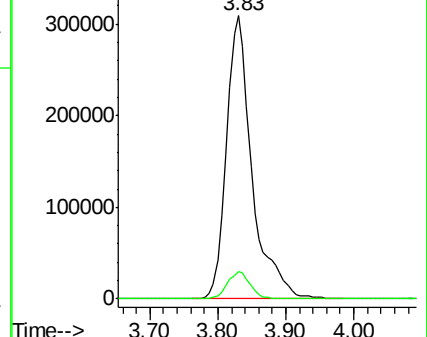
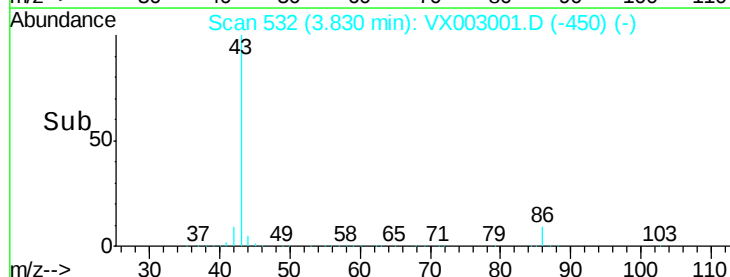
43 100

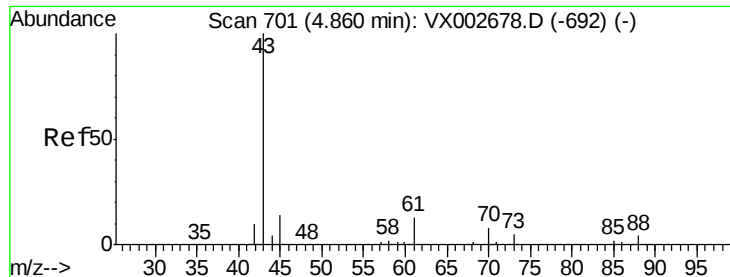
86 8.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

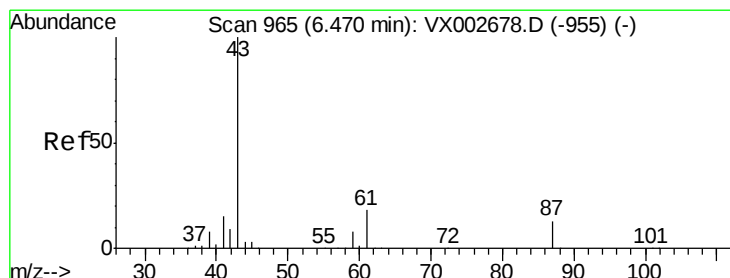
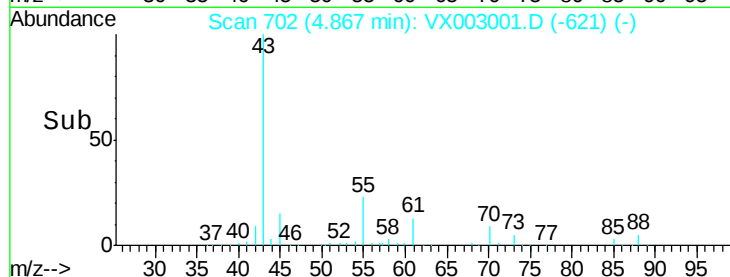
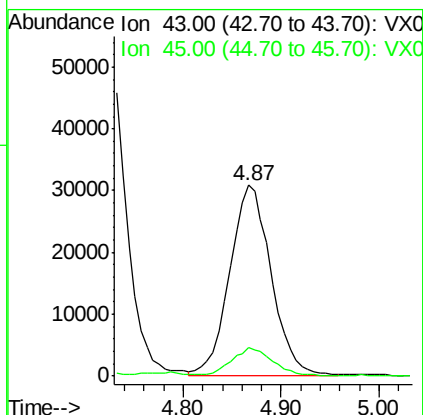
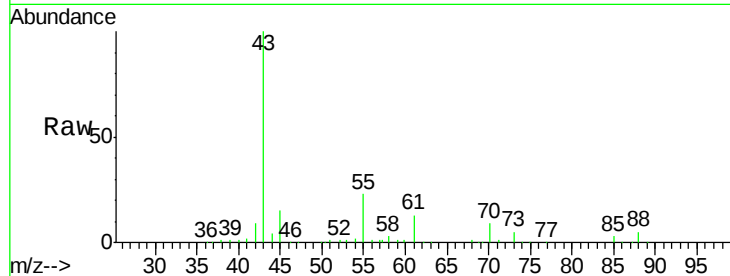




#43
Ethyl Acetate
Concen: 21.88 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

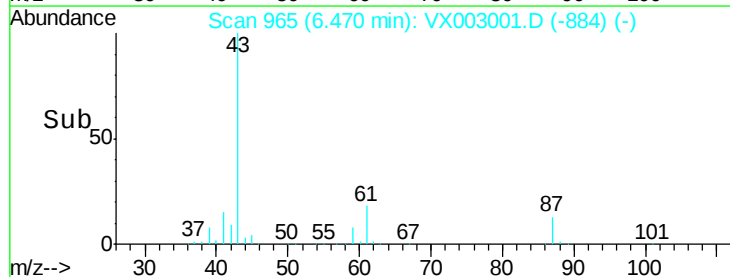
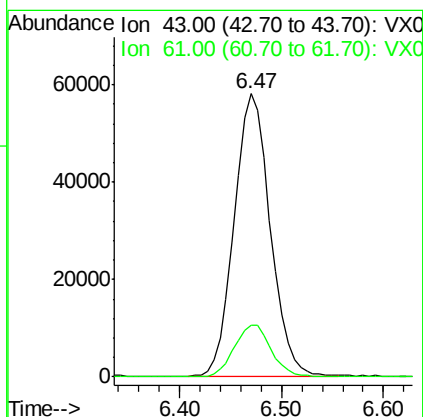
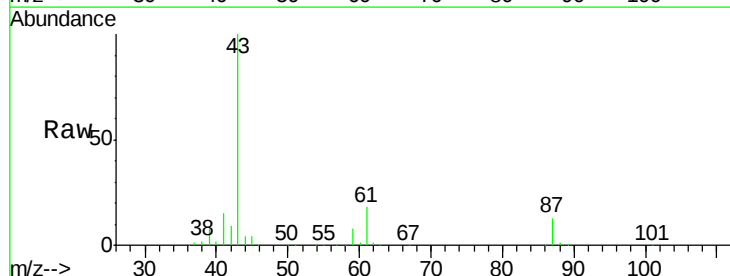
Instrument :
MSVOA_X
ClientSampleID :
VX0628WBS02

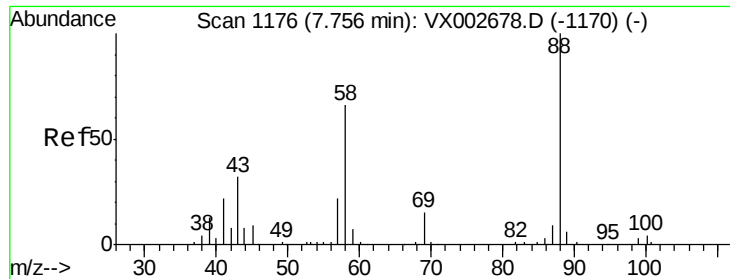
Tot Ion: 43 Resp: 89586
Ion Ratio Lower Upper
43 100
45 13.1 11.0 16.4



#44
Isopropyl Acetate
Concen: 20.74 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion: 43 Resp: 142236
Ion Ratio Lower Upper
43 100
61 18.8 14.5 21.7





#45

1,4-Dioxane

Concen: 441.31 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

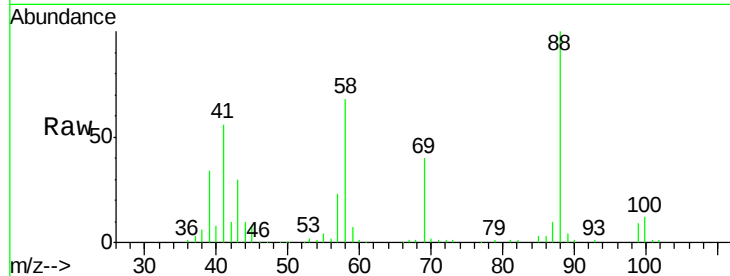
Tot Ion: 88 Resp: 29656

Ion Ratio Lower Upper

88 100

43 35.5 43.2 64.8#

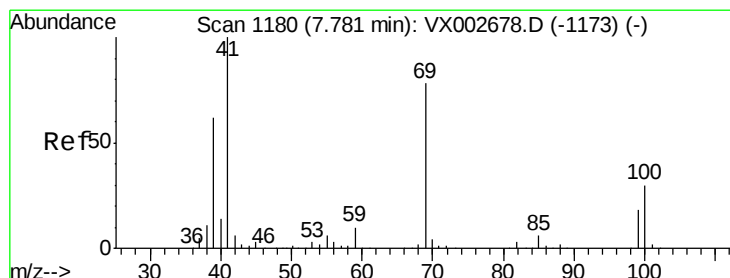
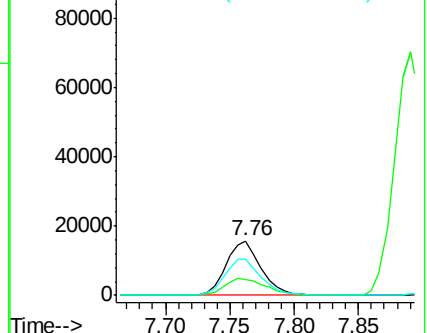
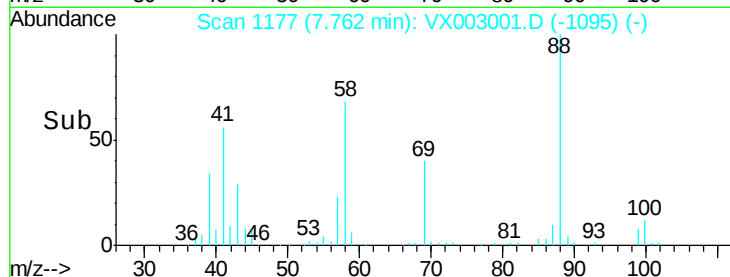
58 68.6 60.2 90.2



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: 21.12 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

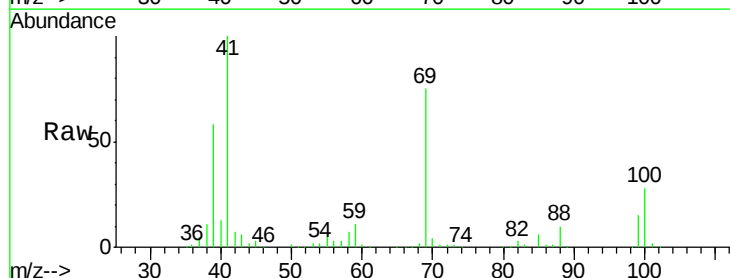
Tgt Ion: 41 Resp: 74009

Ion Ratio Lower Upper

41 100

69 74.7 37.0 110.9

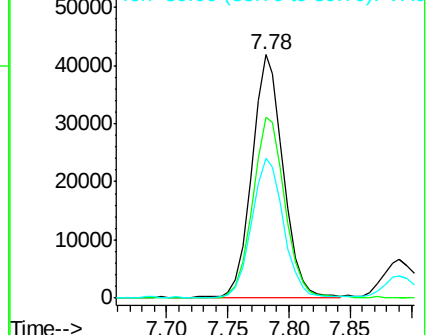
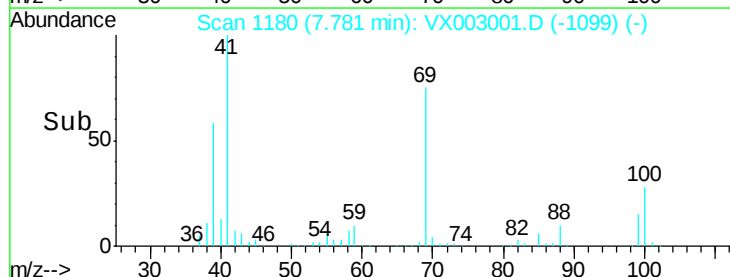
39 57.5 29.6 88.9

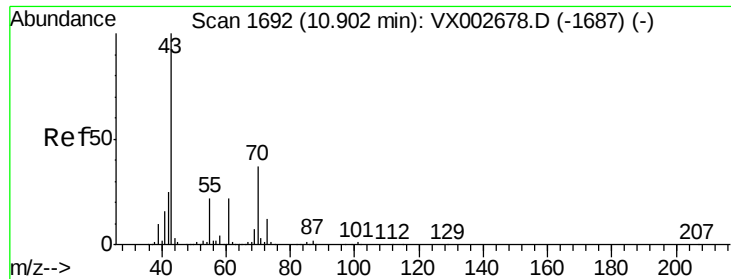


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 19.02 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

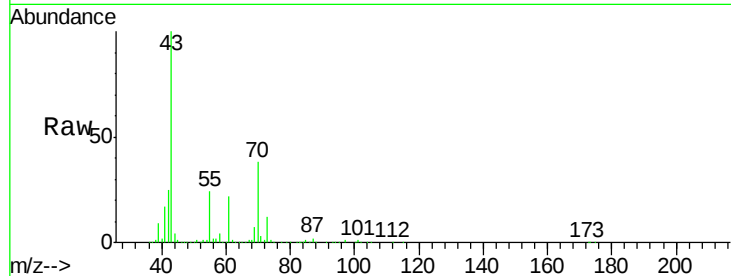
VX0628WBS02

Tot Ion: 43 Resp: 123094

Ion Ratio Lower Upper

43 100

55 24.1 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

120000

100000

80000

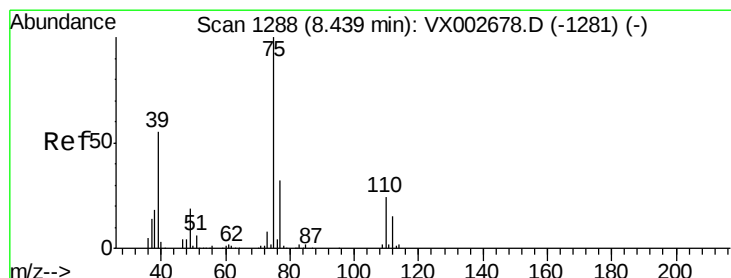
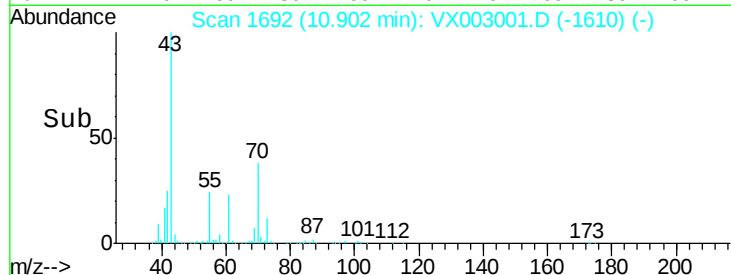
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.07 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003001.D

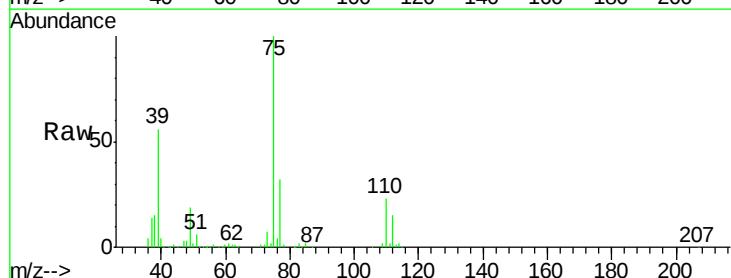
Acq: 28 Jun 2018 22:19

Tgt Ion: 75 Resp: 84453

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.44

60000

50000

40000

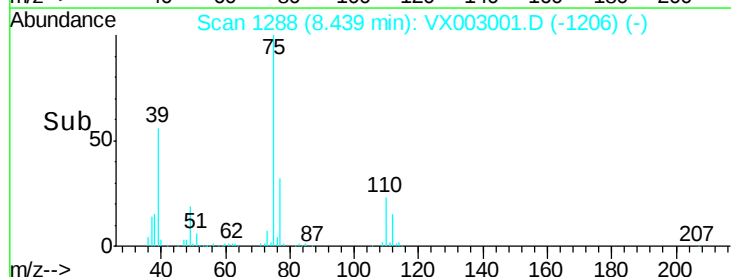
30000

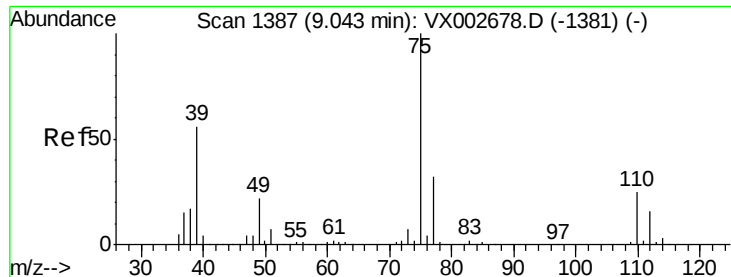
20000

10000

0

Time-->





#49

cis-1,3-Dichloropropene

Concen: 18.92 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

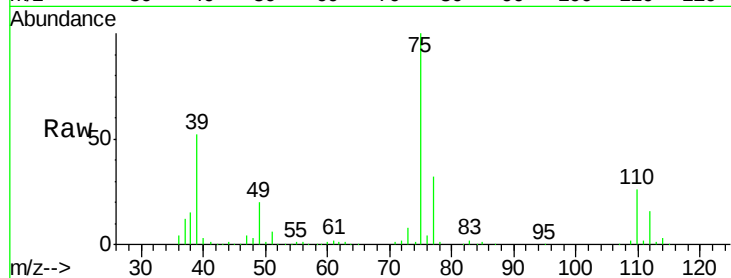
Tot Ion: 75 Resp: 78221

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

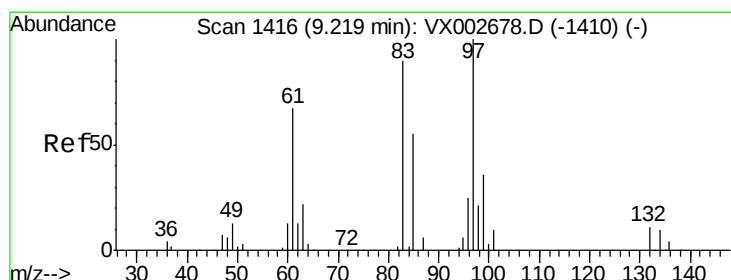
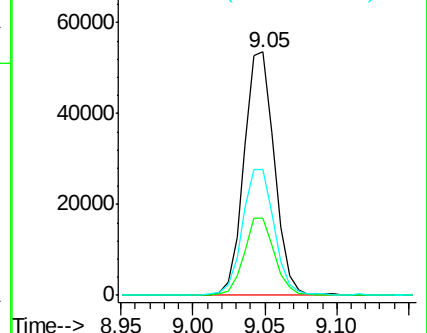
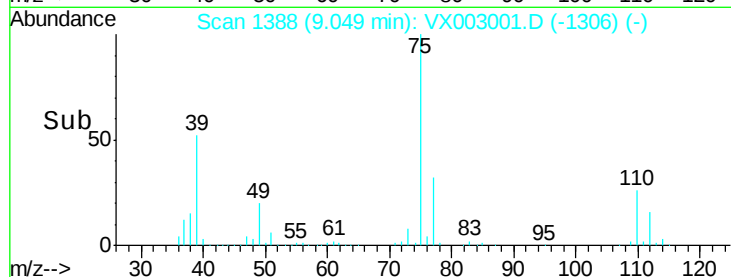
39 51.7 42.3 63.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 20.76 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion: 97 Resp: 61477

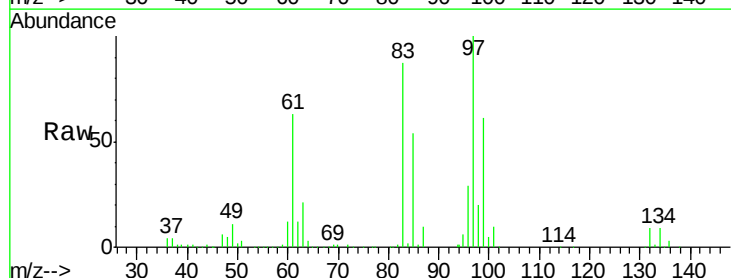
Ion Ratio Lower Upper

97 100

83 87.5 70.8 106.2

85 53.4 43.5 65.3

99 60.9 50.9 76.3

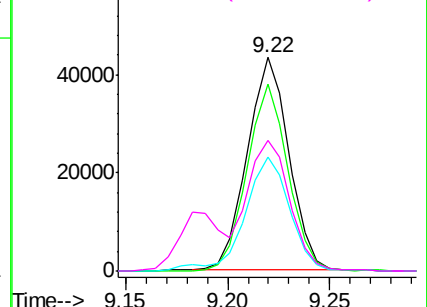
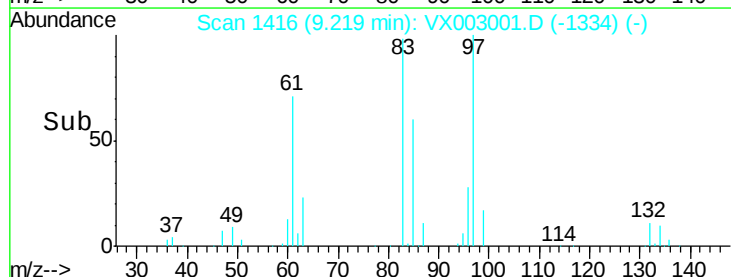


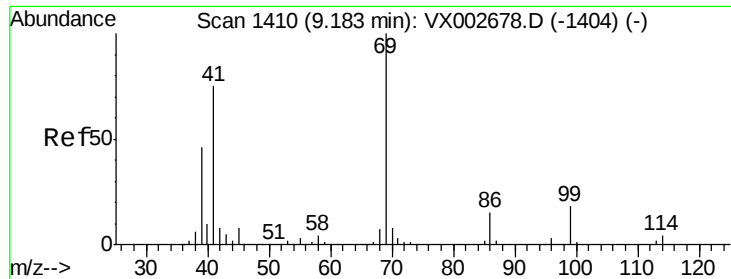
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 20.22 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

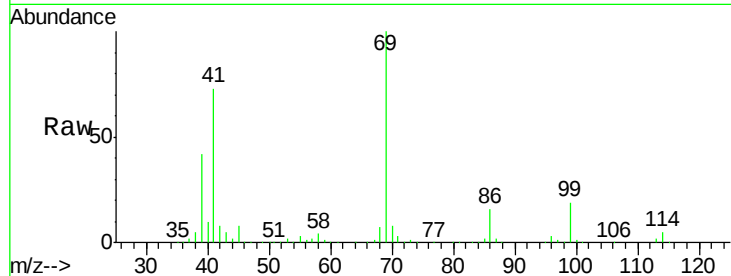
Tot Ion: 69 Resp: 90398

Ion Ratio Lower Upper

69 100

41 72.9 39.1 117.3

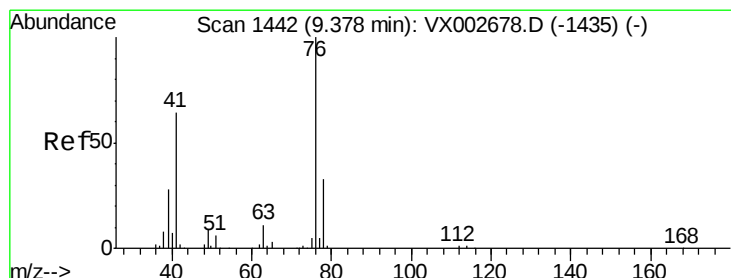
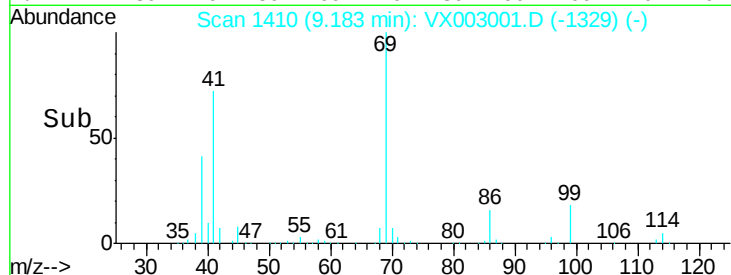
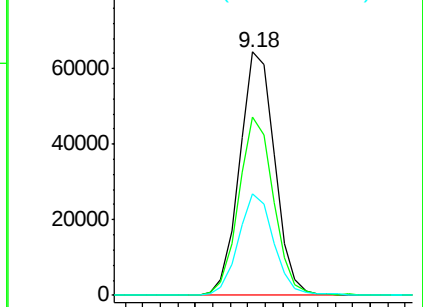
39 41.3 21.7 65.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.60 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003001.D

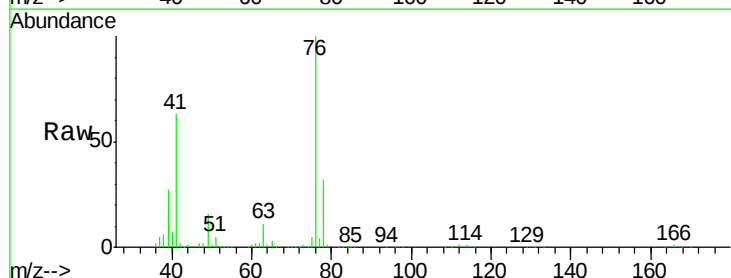
Acq: 28 Jun 2018 22:19

Tgt Ion: 76 Resp: 99663

Ion Ratio Lower Upper

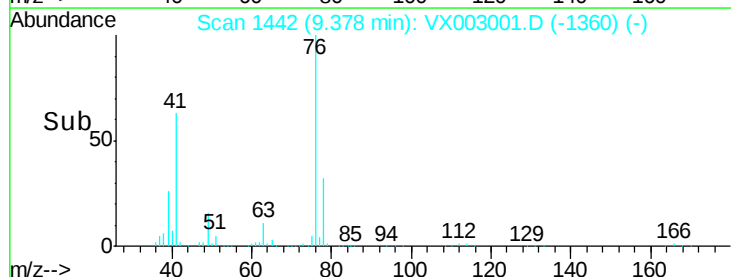
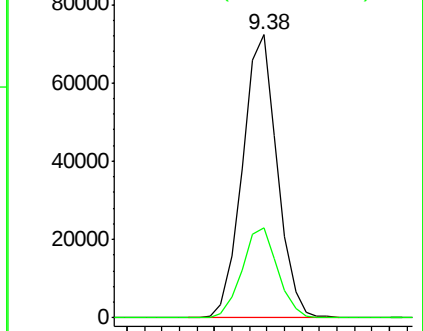
76 100

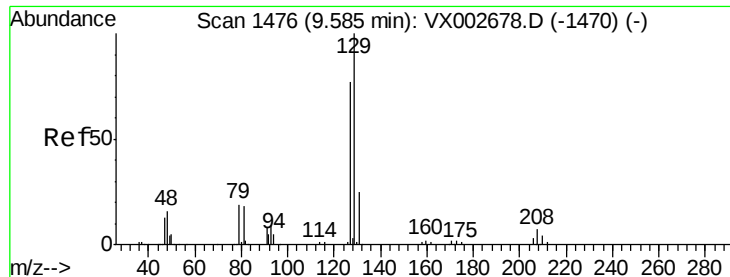
78 32.5 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.36 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

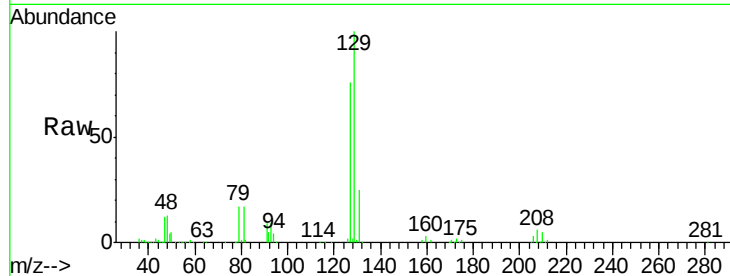
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion:129 Resp: 64023

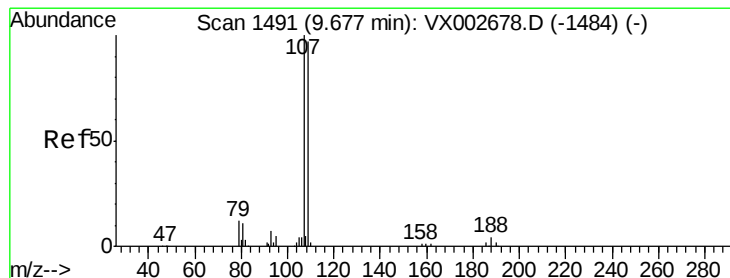
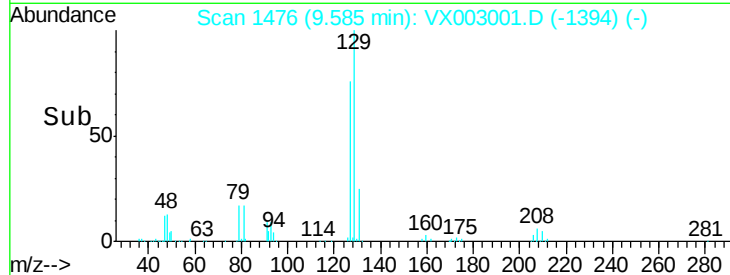
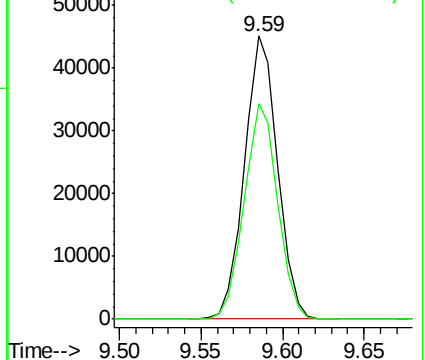
Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.3



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



#54

1,2-Dibromoethane

Concen: 20.56 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003001.D

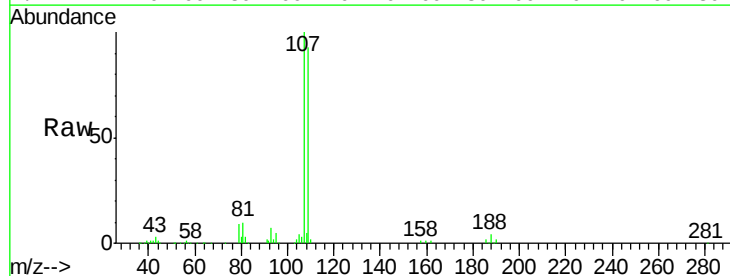
Acq: 28 Jun 2018 22:19

Tgt Ion:107 Resp: 64162

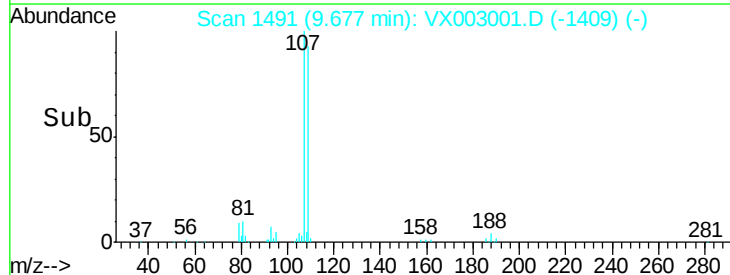
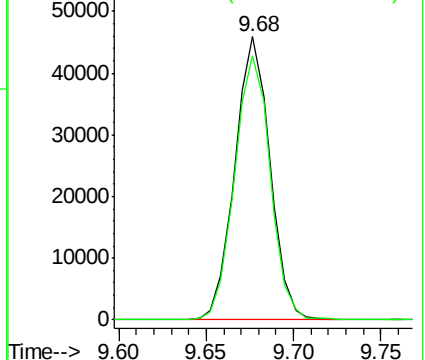
Ion Ratio Lower Upper

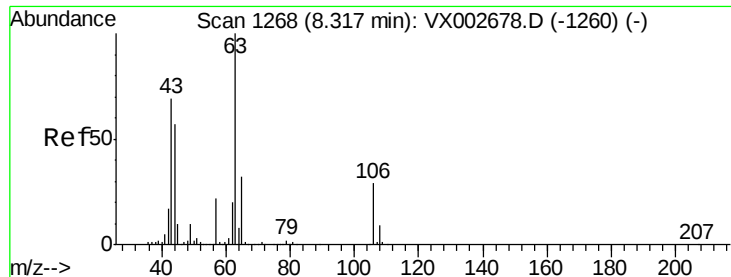
107 100

109 94.6 75.5 113.3



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

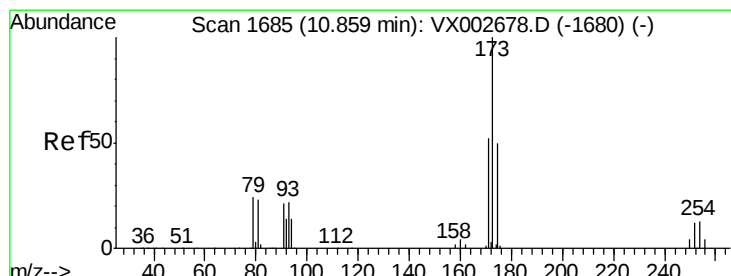
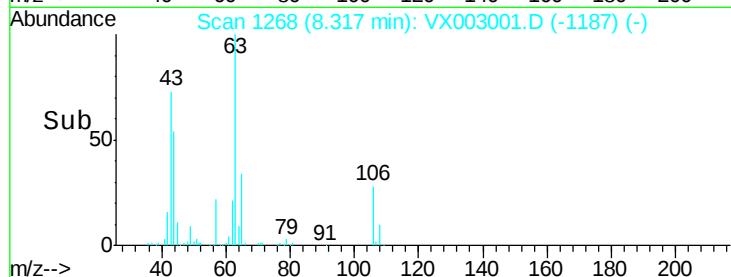
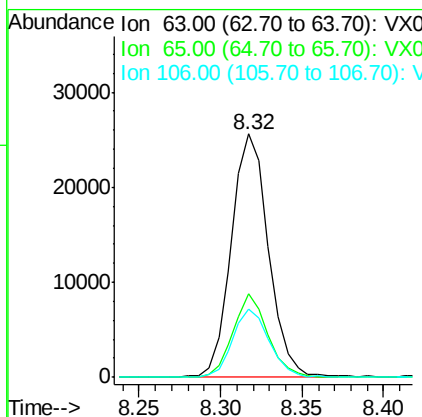
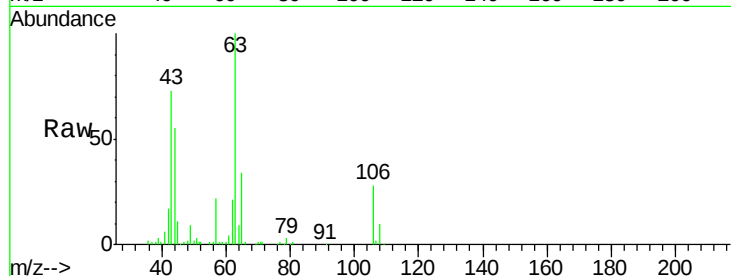




#55
2-Chloroethyl vinyl ether
Concen: 19.08 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

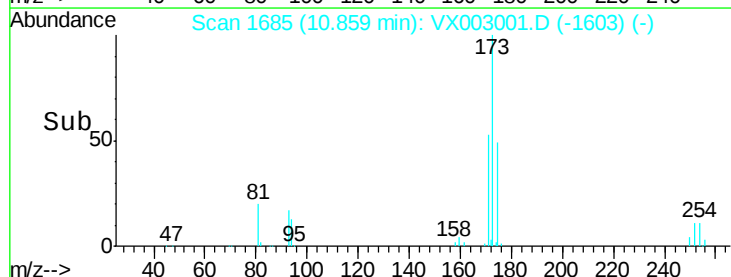
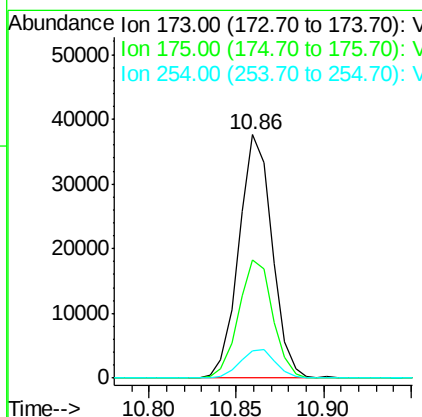
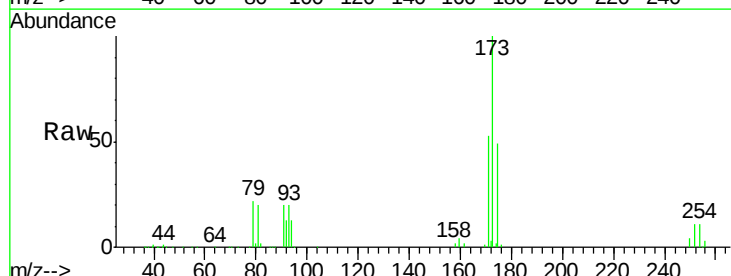
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

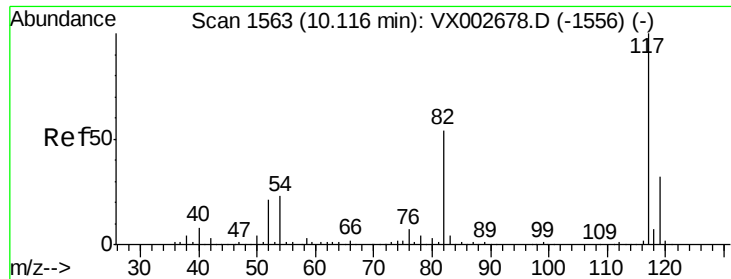
Tot Ion: 63 Resp: 40517
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 27.7 21.6 32.4



#56
Bromoform
Concen: 19.79 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion:173 Resp: 49665
Ion Ratio Lower Upper
173 100
175 49.8 39.0 58.4
254 12.5 9.6 14.4

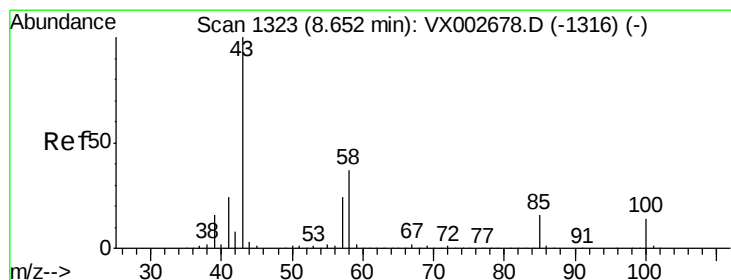
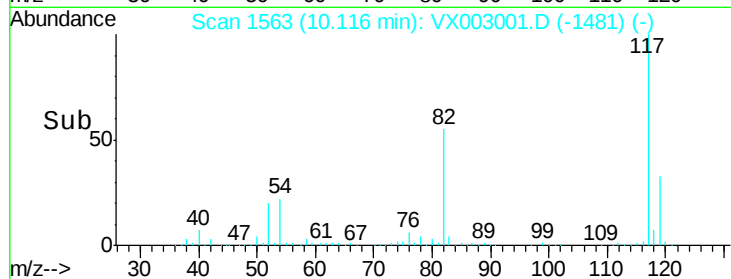
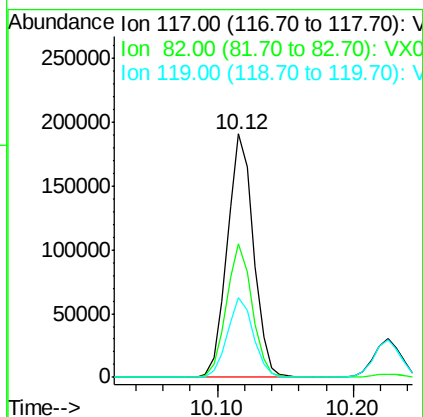
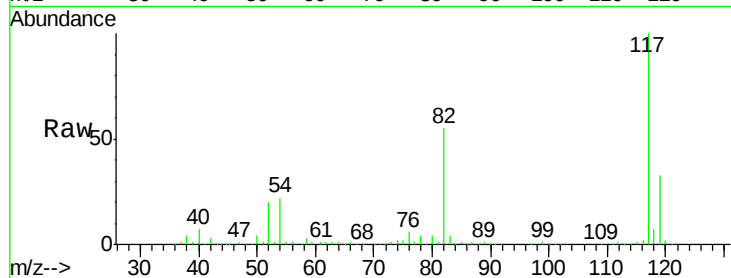




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

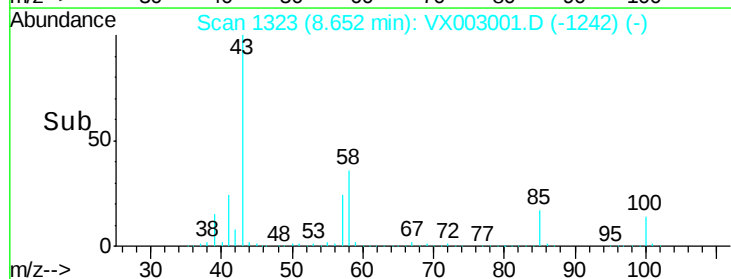
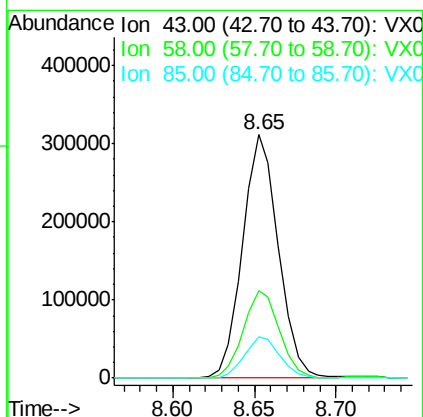
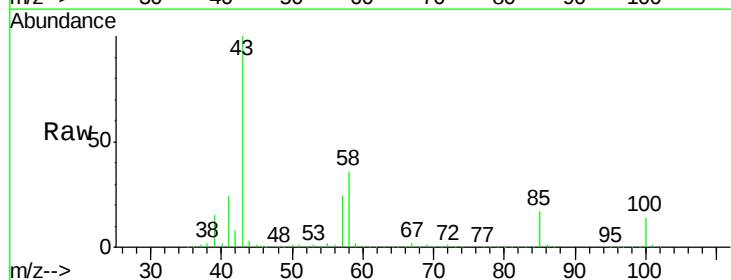
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

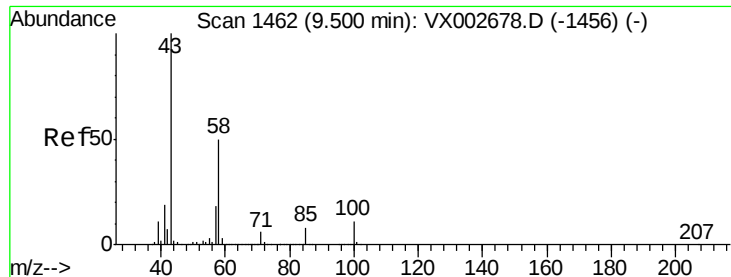
Tot Ion:117 Resp: 254926
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 109.68 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion: 43 Resp: 474724
Ion Ratio Lower Upper
43 100
58 36.5 28.2 42.4
85 16.9 12.4 18.6

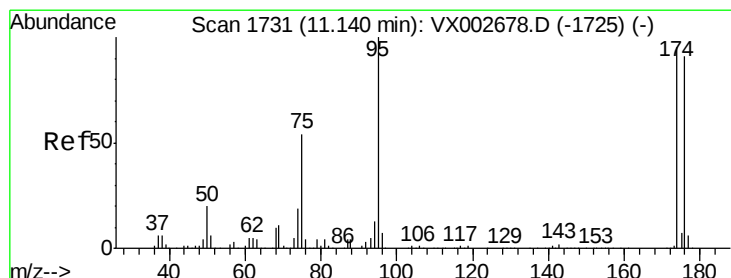
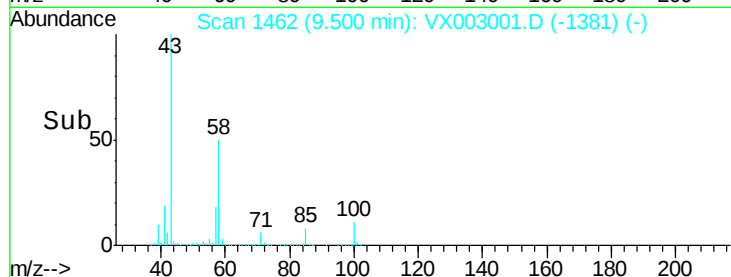
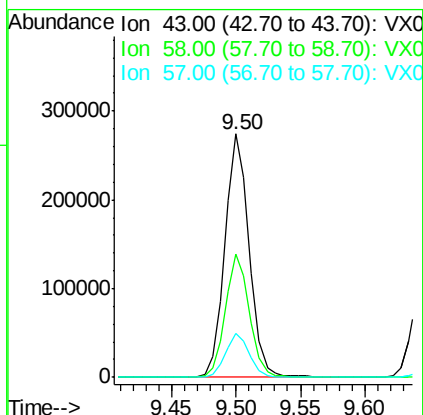
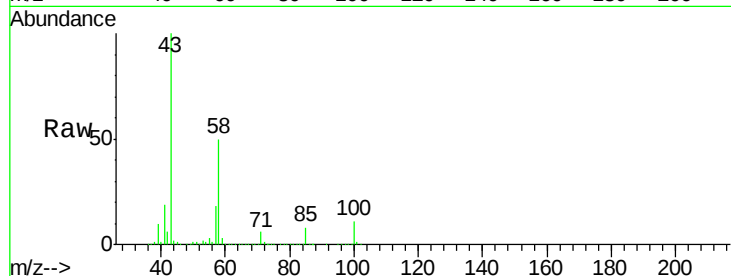




#59
2-Hexanone
Concen: 109.75 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

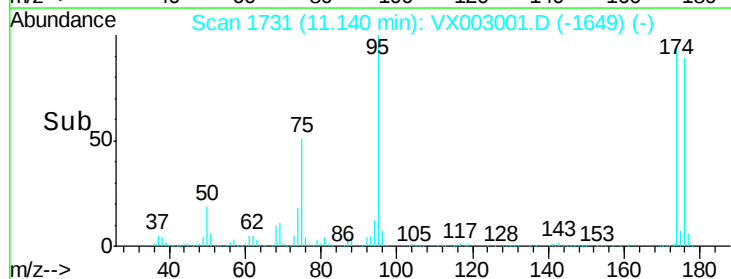
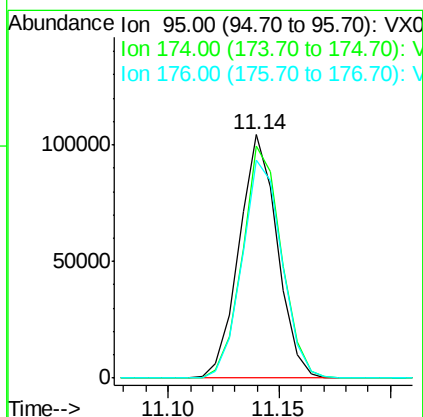
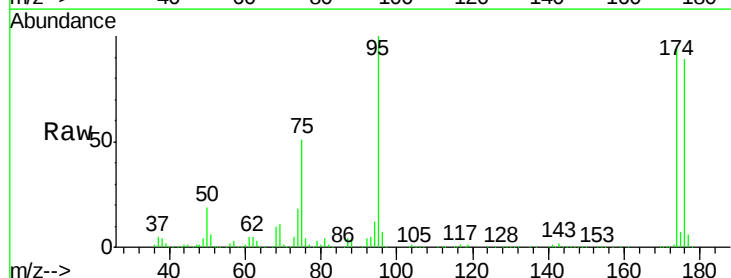
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

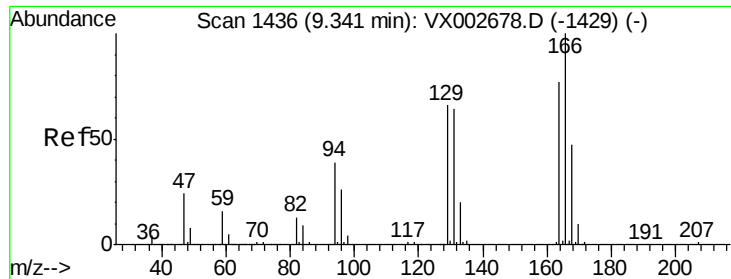
Tot Ion	Ratio	Lower	Upper
43	100		
58	50.3	39.6	59.4
57	18.0	14.1	21.1



#60
4-Bromofluorobenzene
Concen: 29.68 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.3	71.8	107.6
176	93.5	70.1	105.1

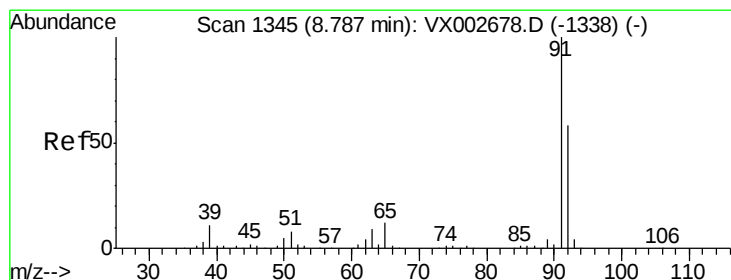
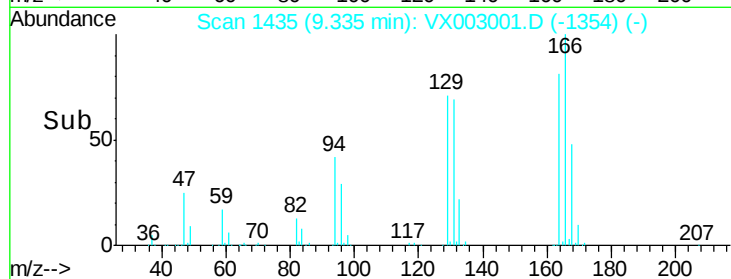
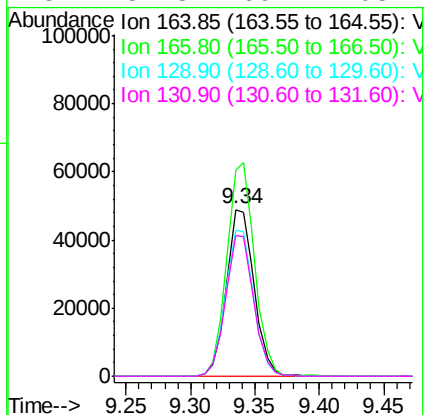
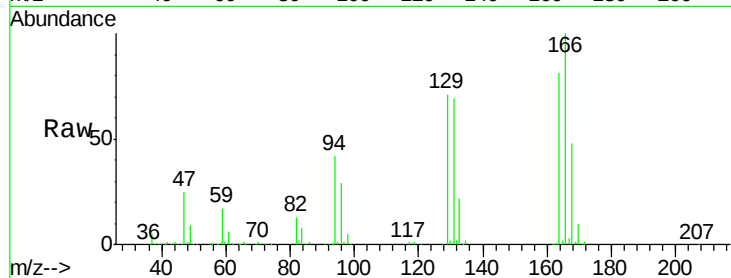




#61
Tetrachloroethene
Concen: 21.07 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

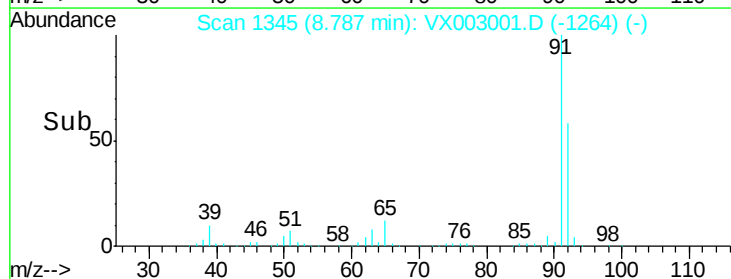
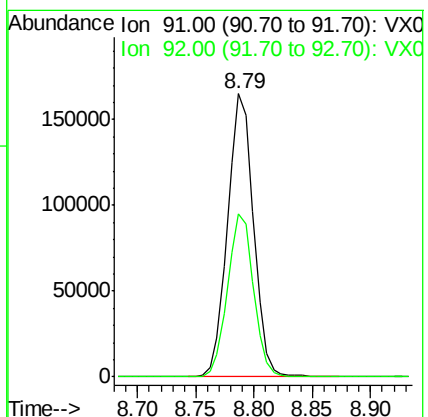
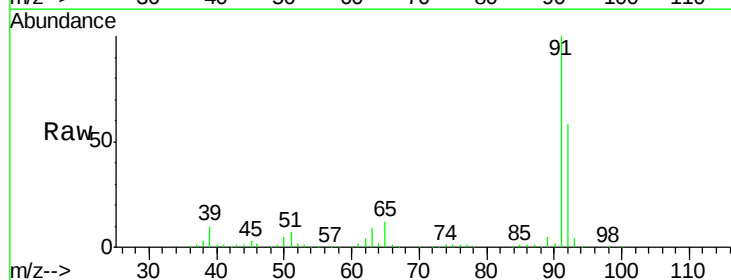
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

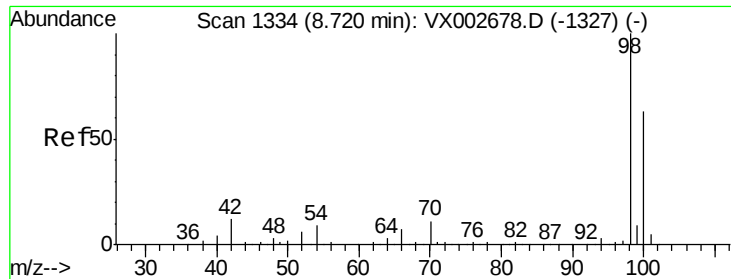
Tot Ion:164 Resp: 73712
Ion Ratio Lower Upper
164 100
166 123.5 102.4 153.6
129 87.9 70.1 105.1
131 84.8 69.1 103.7



#62
Toluene
Concen: 20.82 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion: 91 Resp: 255856
Ion Ratio Lower Upper
91 100
92 57.9 46.5 69.7





#63

Toluene-d8

Concen: 29.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

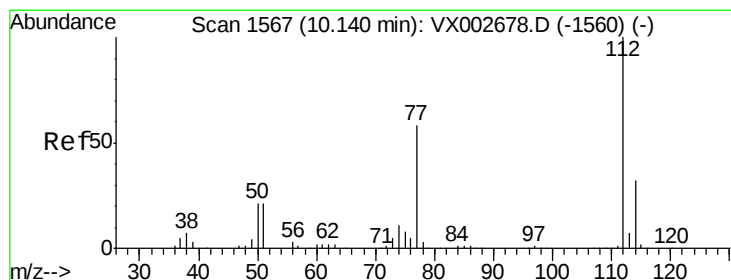
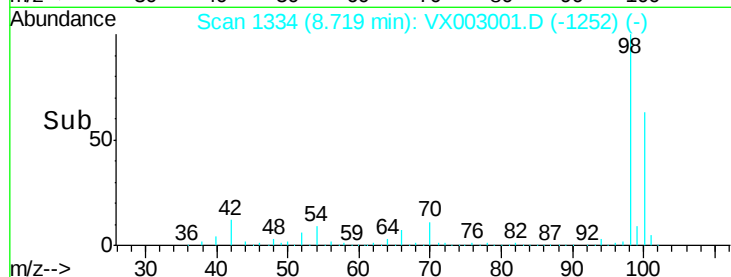
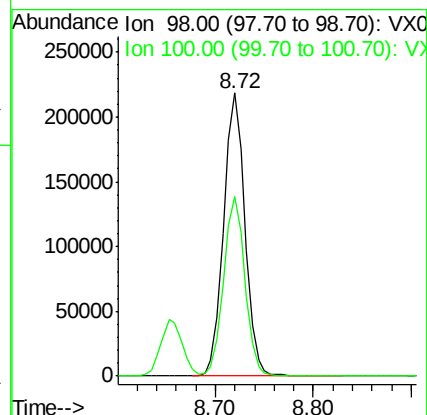
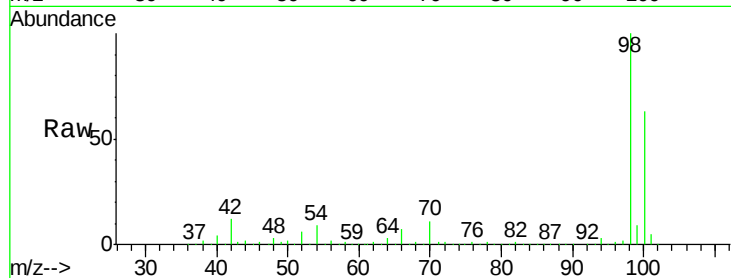
VX0628WBS02

Tot Ion: 98 Resp: 332089

Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2



#64

Chlorobenzene

Concen: 20.71 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003001.D

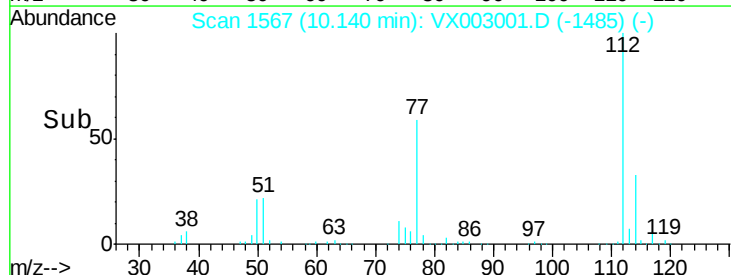
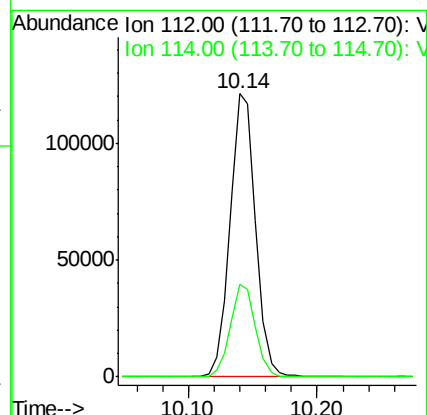
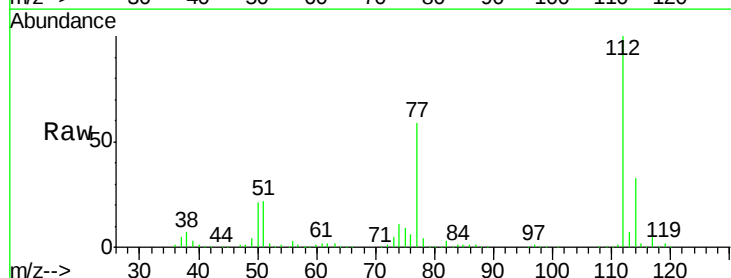
Acq: 28 Jun 2018 22:19

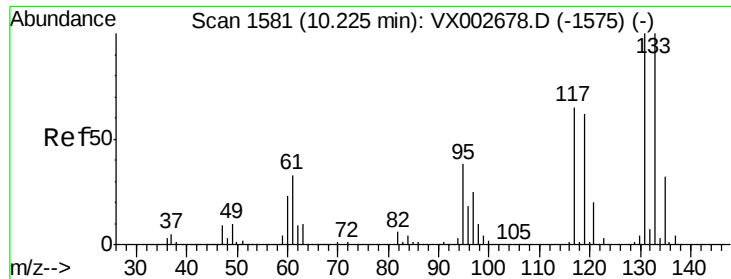
Tgt Ion: 112 Resp: 169078

Ion Ratio Lower Upper

112 100

114 32.7 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 21.34 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

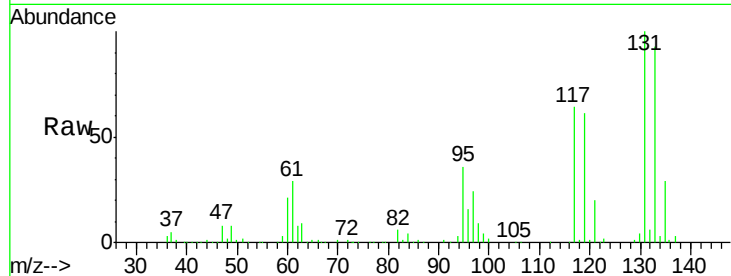
Tot Ion:131 Resp: 63874

Ion Ratio Lower Upper

131 100

133 95.9 0.0 191.2

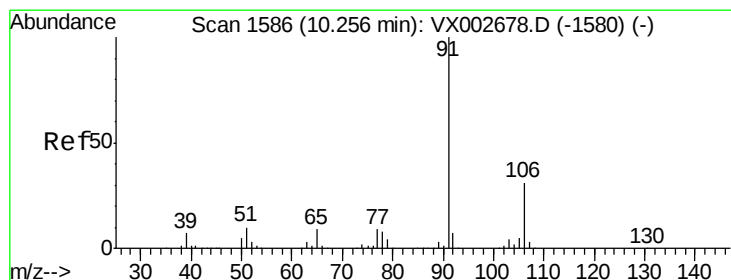
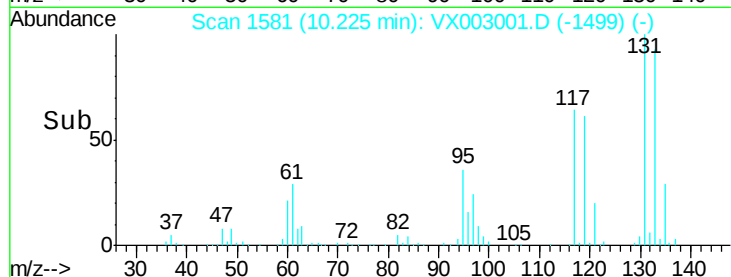
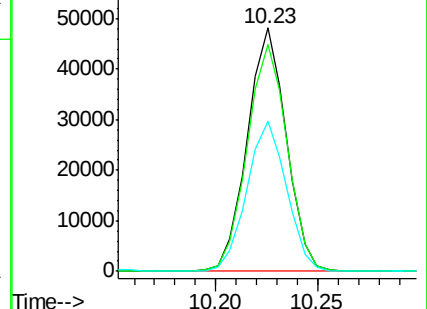
119 62.8 0.0 125.4



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: 20.60 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003001.D

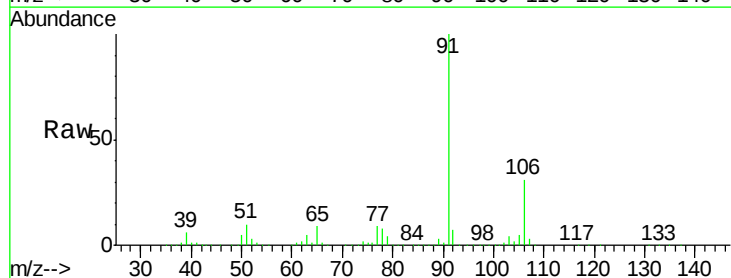
Acq: 28 Jun 2018 22:19

Tgt Ion: 91 Resp: 285042

Ion Ratio Lower Upper

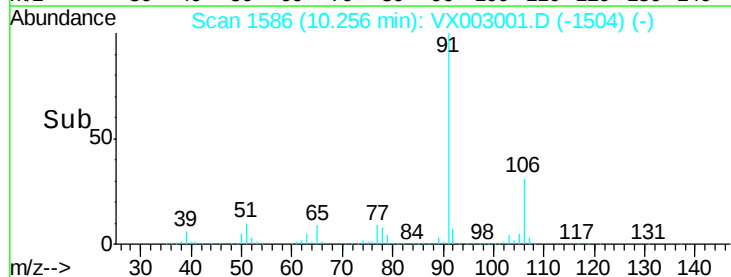
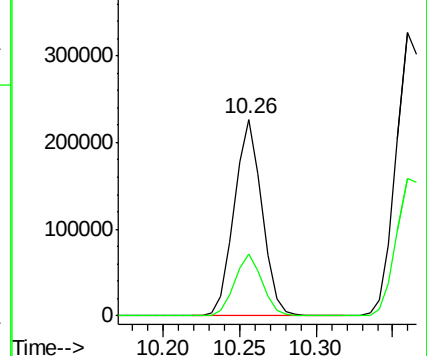
91 100

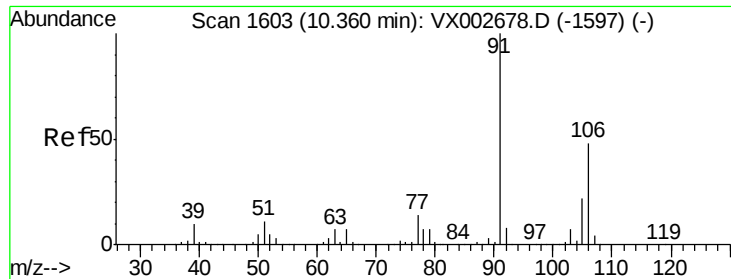
106 31.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

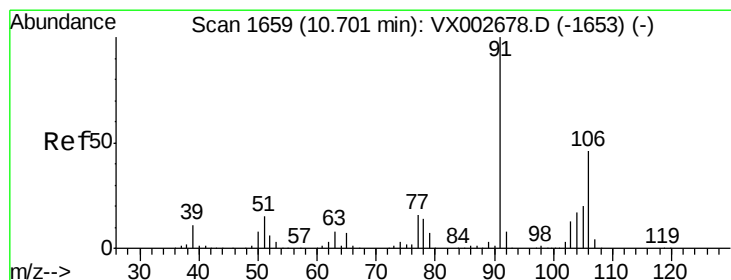
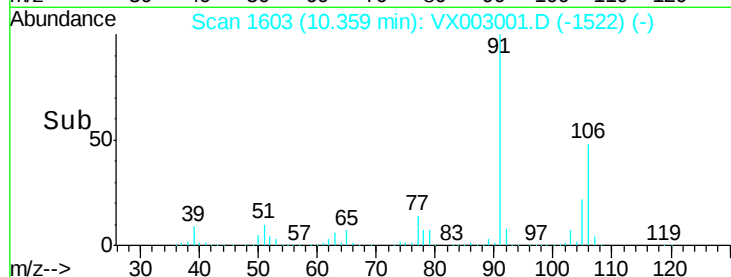
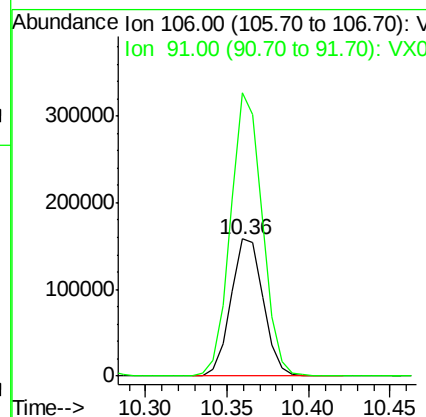
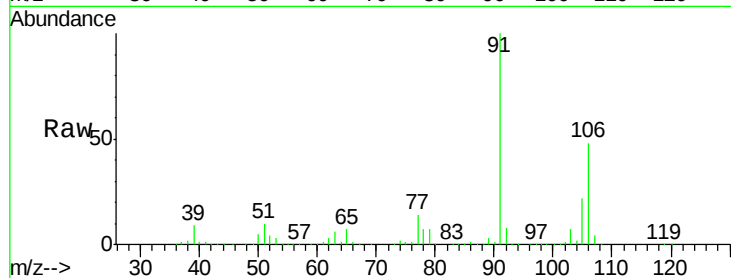




#67
m/p-Xvlenes
Concen: 40.57 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

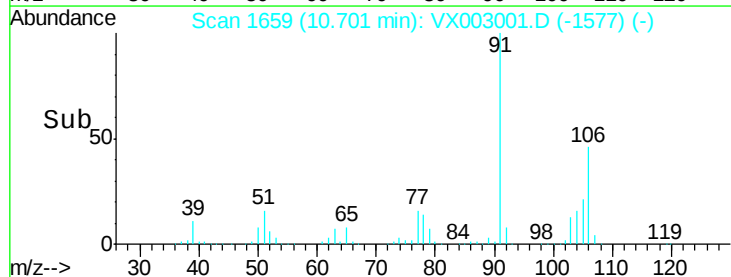
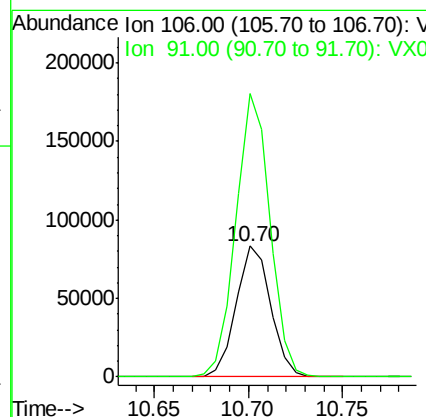
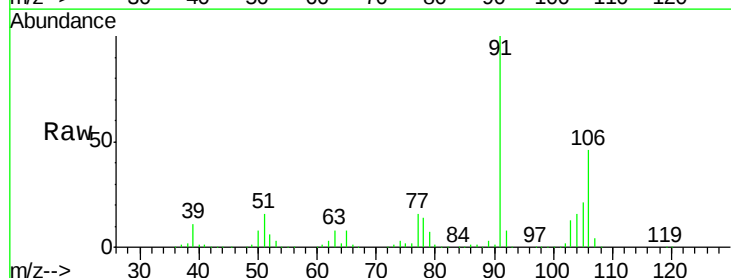
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

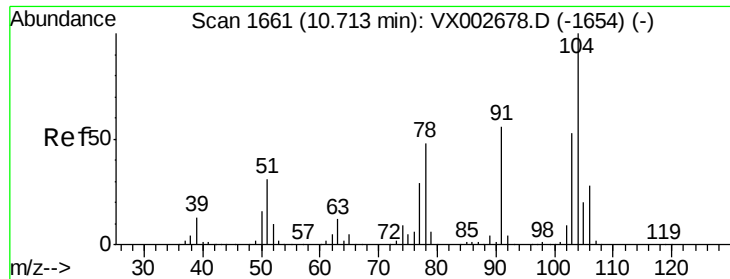
Tot Ion:106 Resp: 218202
Ion Ratio Lower Upper
106 100
91 202.5 164.1 246.1



#68
o-Xylene
Concen: 20.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion:106 Resp: 105957
Ion Ratio Lower Upper
106 100
91 214.8 109.1 327.3

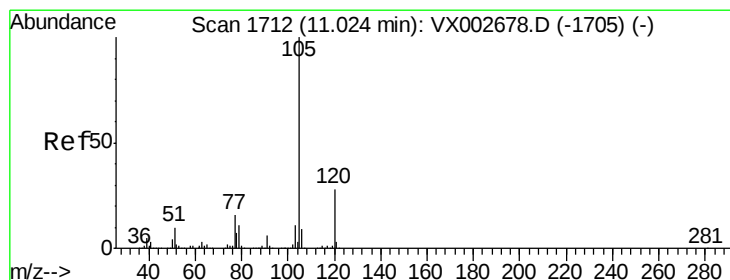
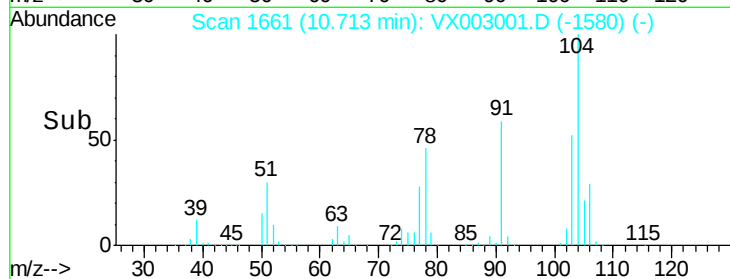
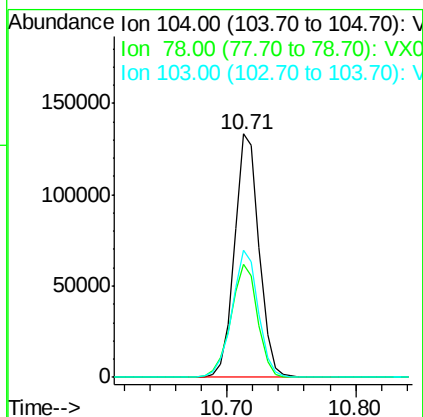
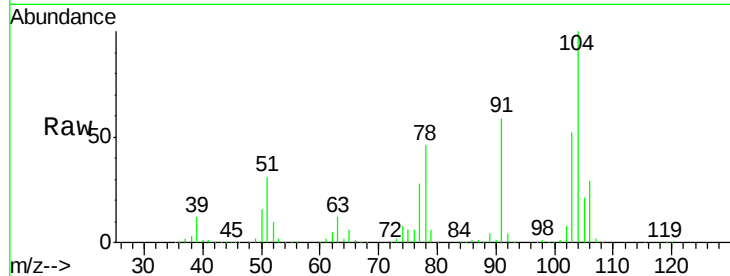




#69
Stvrene
Concen: 20.22 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

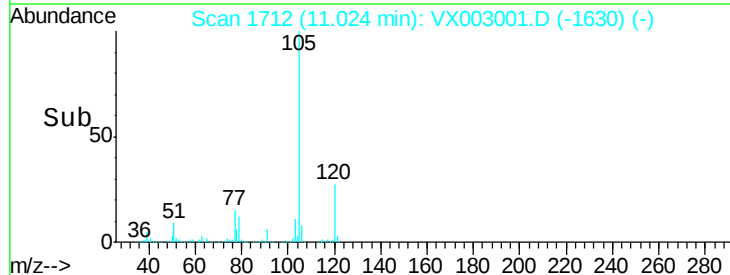
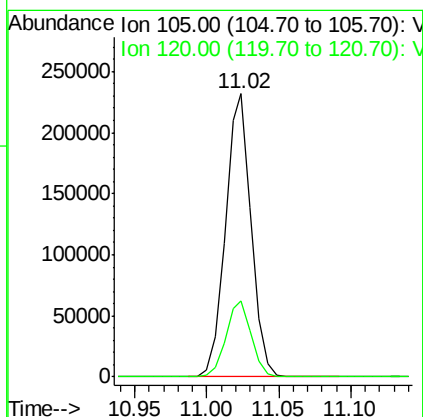
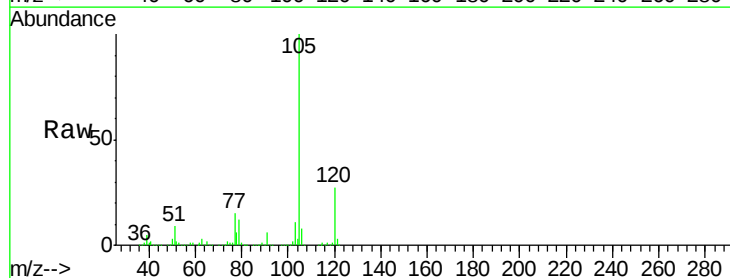
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

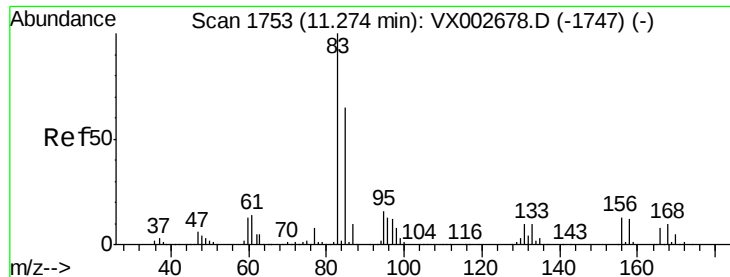
Tot Ion:104 Resp: 176762
Ion Ratio Lower Upper
104 100
78 50.6 41.8 62.8
103 55.6 44.9 67.3



#70
Isopropylbenzene
Concen: 20.00 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion:105 Resp: 288908
Ion Ratio Lower Upper
105 100
120 26.6 19.0 35.2

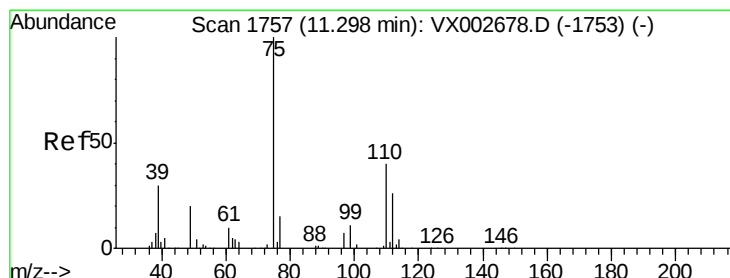
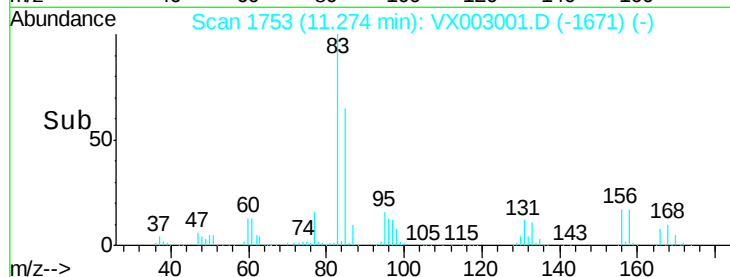
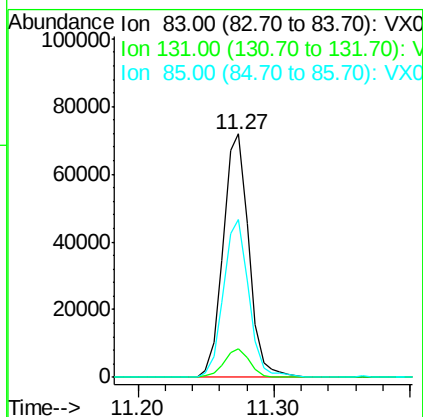
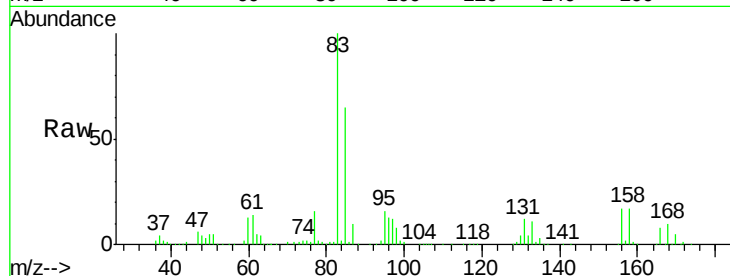




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.79 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

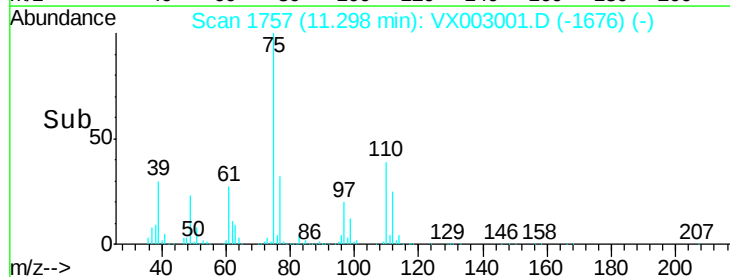
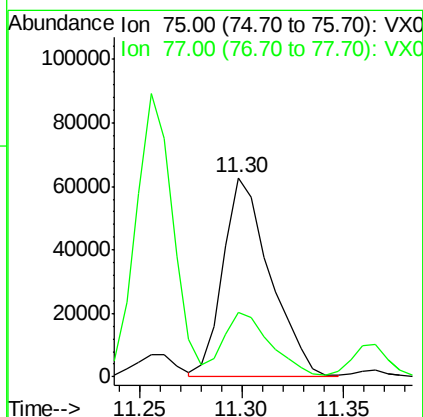
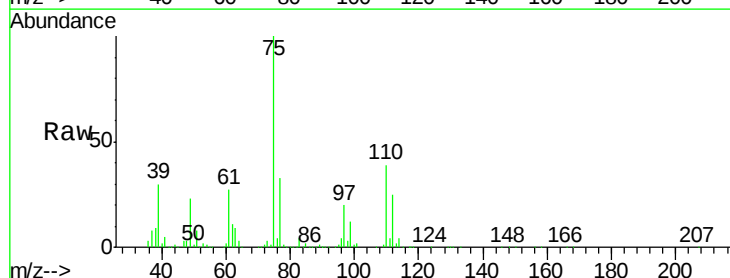
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

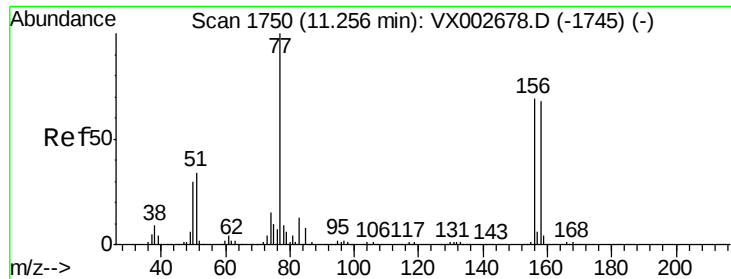
Tot Ion: 83 Resp: 94103
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.4 16.2
 85 64.3 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 26.88 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion: 75 Resp: 100623
 Ion Ratio Lower Upper
 75 100
 77 32.6 0.0 71.8





#73

Bromobenzene

Concen: 20.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

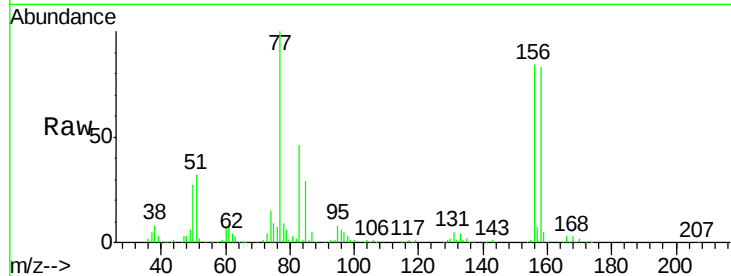
Tot Ion:156 Resp: 81238

Ion Ratio Lower Upper

156 100

77 137.6 0.0 301.0

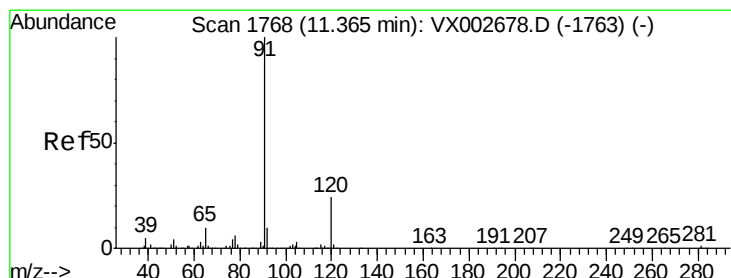
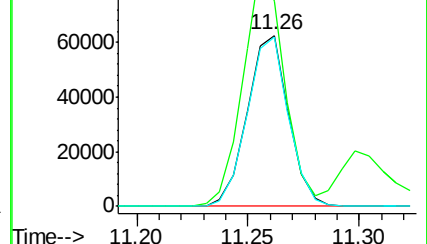
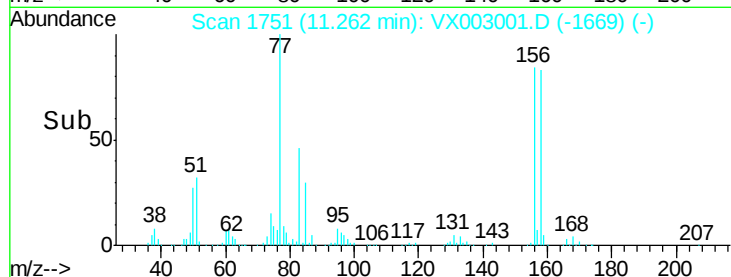
158 98.6 0.0 196.2



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: 18.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003001.D

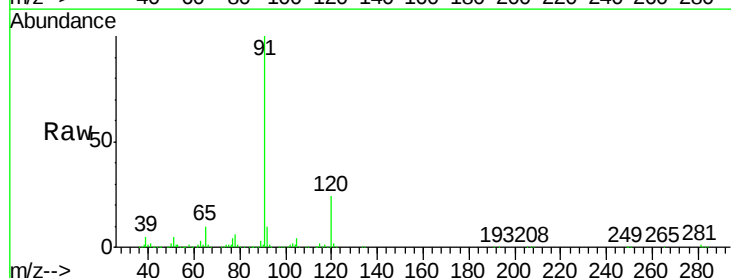
Acq: 28 Jun 2018 22:19

Tgt Ion: 91 Resp: 316965

Ion Ratio Lower Upper

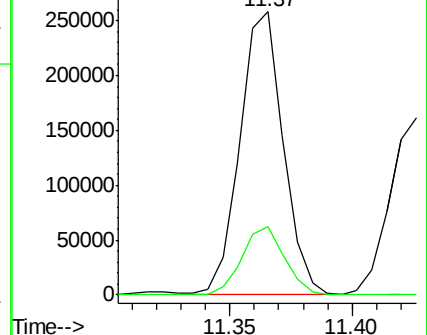
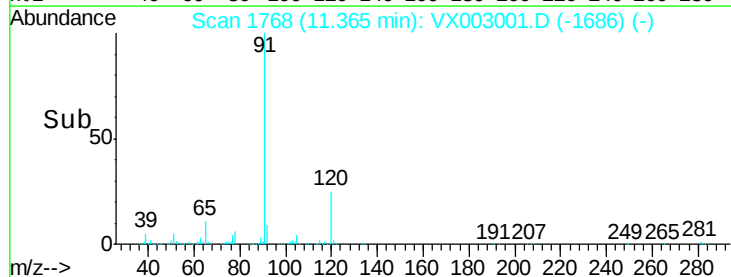
91 100

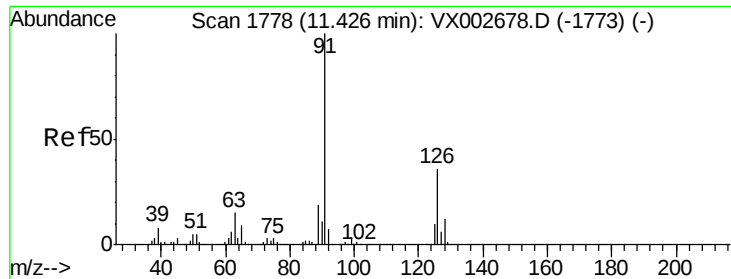
120 23.9 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

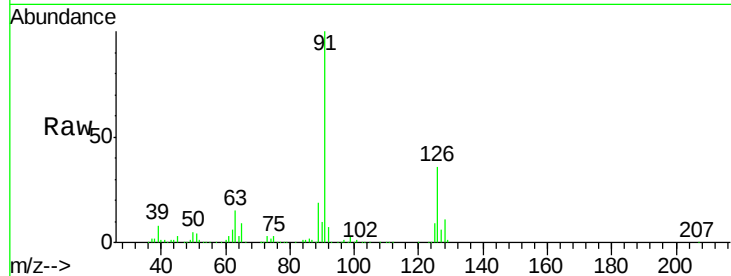
VX0628WBS02

Tot Ion: 91 Resp: 199187

Ion Ratio Lower Upper

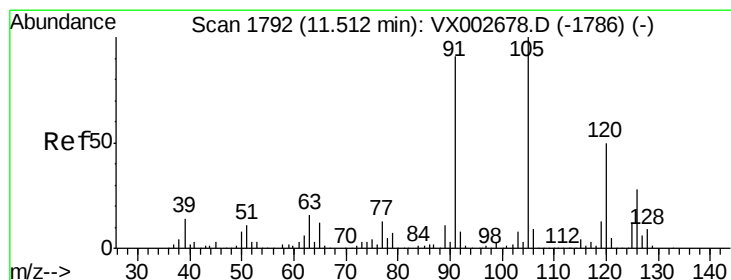
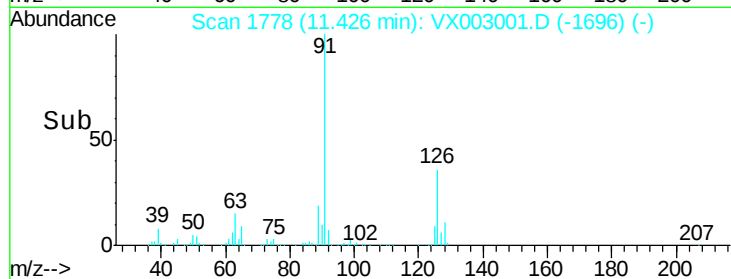
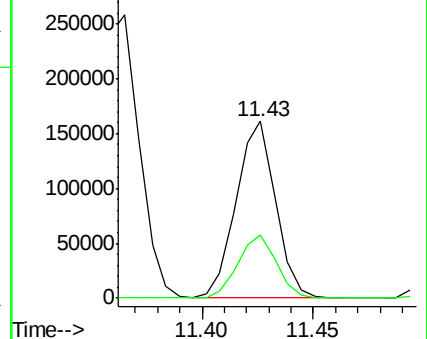
91 100

126 35.2 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX002678.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX002678.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.27 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003001.D

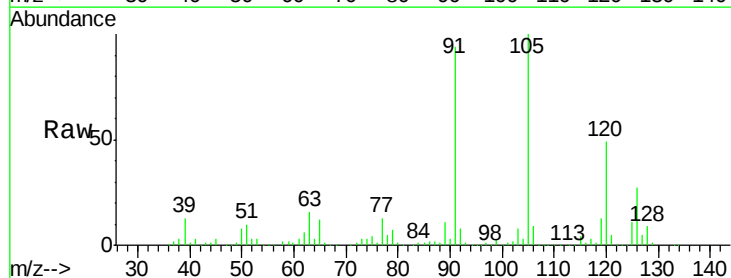
Acq: 28 Jun 2018 22:19

Tgt Ion:105 Resp: 236347

Ion Ratio Lower Upper

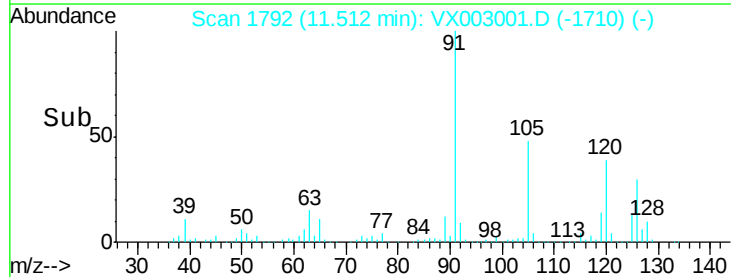
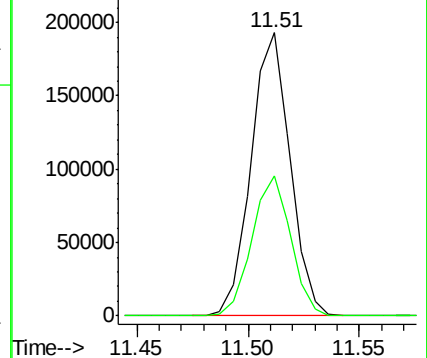
105 100

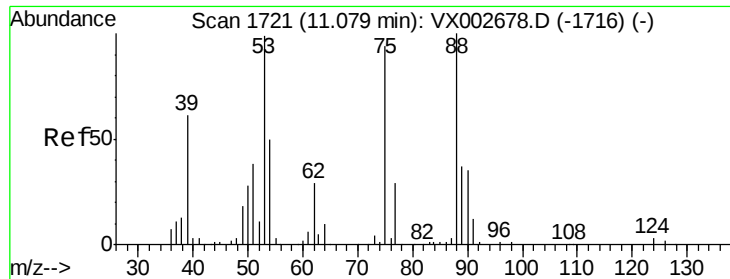
120 48.9 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX002678.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002678.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.16 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

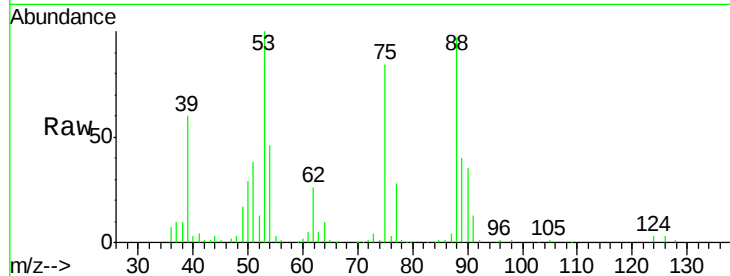
Tot Ion: 75 Resp: 19465

Ion Ratio Lower Upper

75 100

53 119.3 48.3 144.9

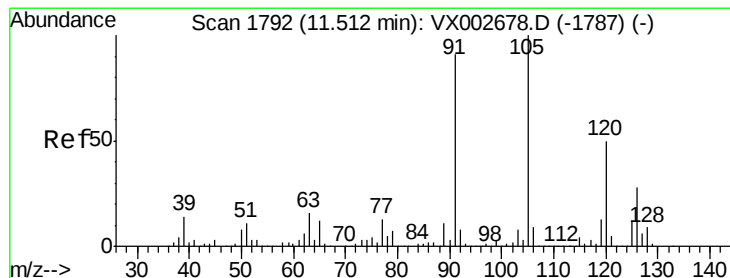
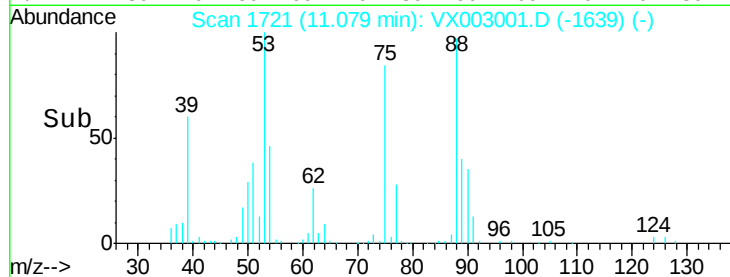
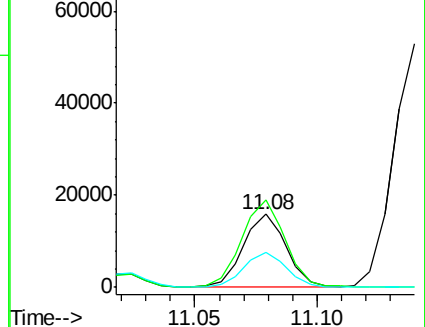
89 47.6 21.8 65.4



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: 19.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003001.D

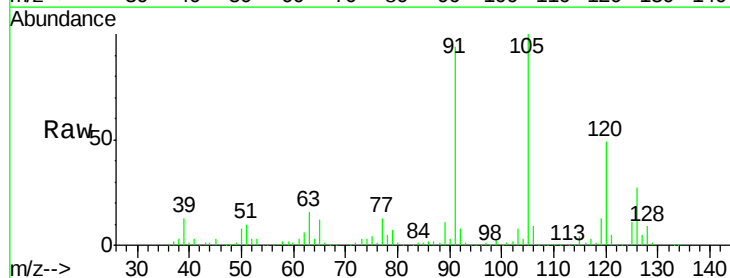
Acq: 28 Jun 2018 22:19

Tgt Ion: 91 Resp: 228349

Ion Ratio Lower Upper

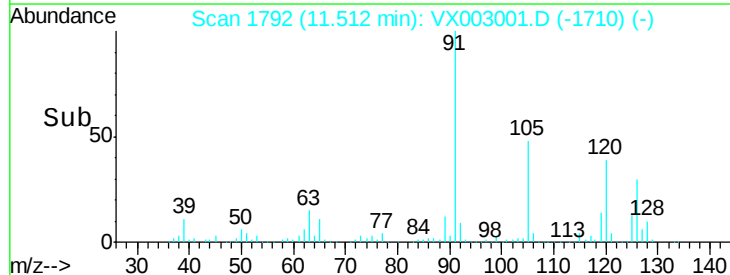
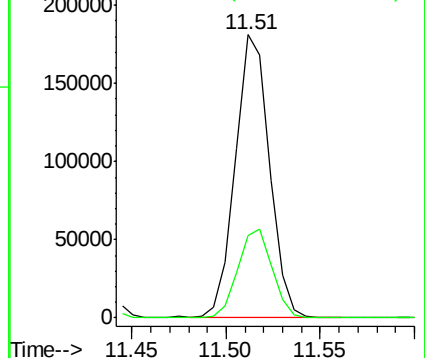
91 100

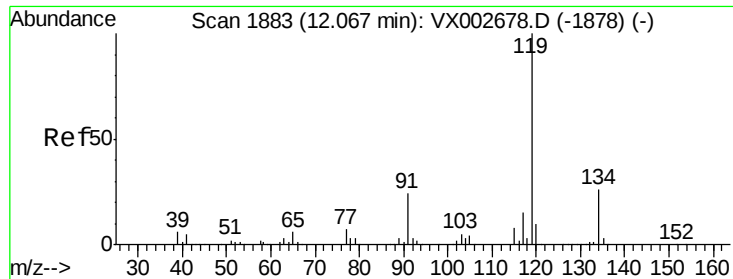
126 31.5 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

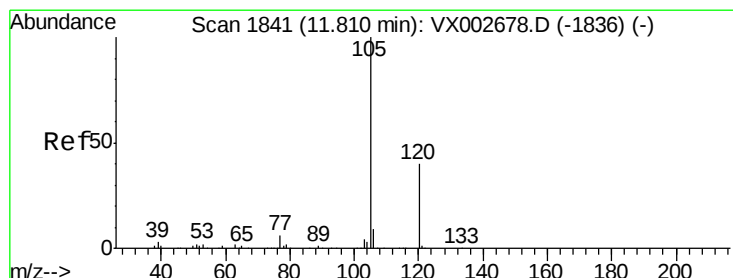
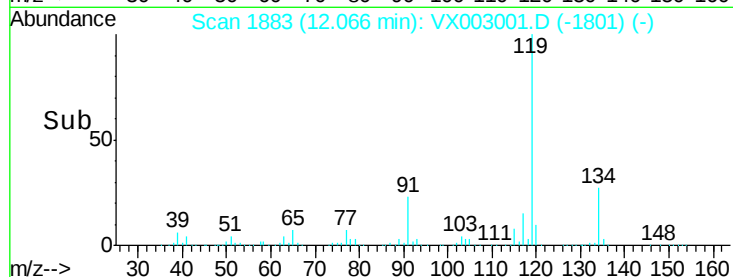
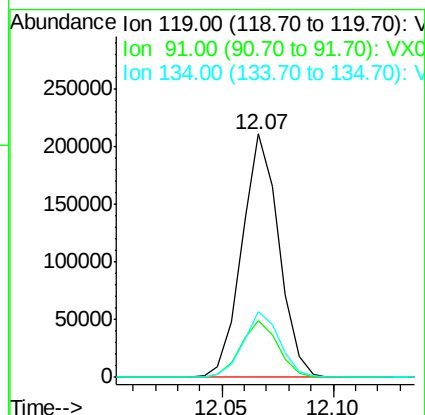
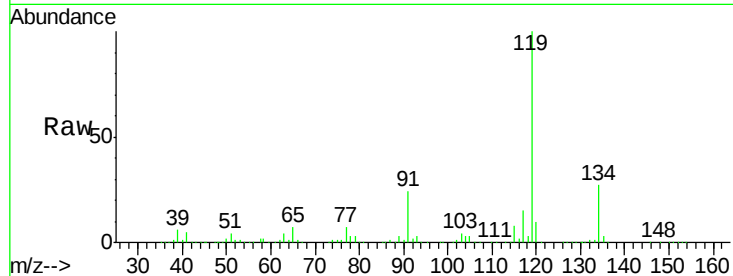




#79
tert-butylbenzene
Concen: 18.01 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

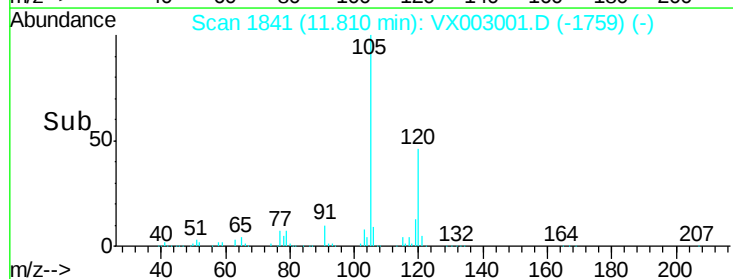
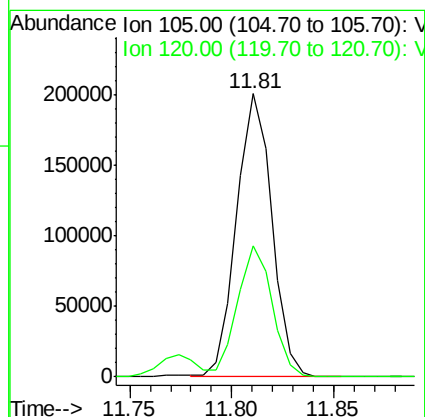
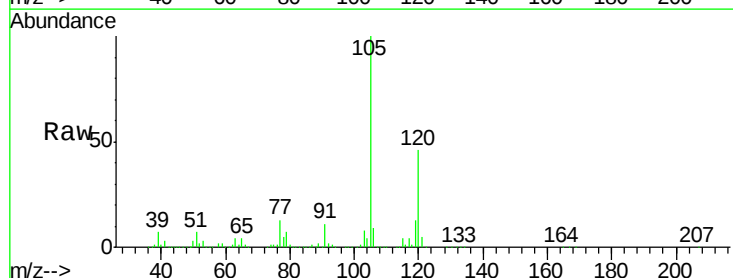
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

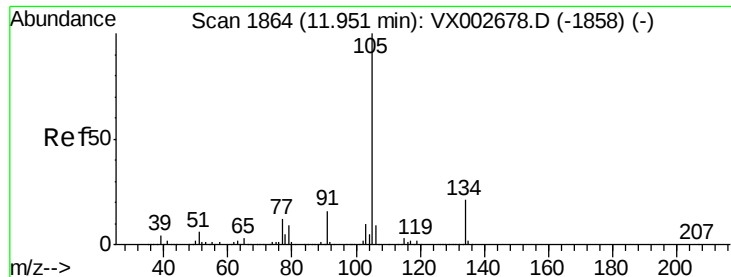
Tot Ion:119 Resp: 243650
Ion Ratio Lower Upper
119 100
91 23.3 0.0 48.0
134 26.9 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 19.19 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion:105 Resp: 240418
Ion Ratio Lower Upper
105 100
120 45.0 0.0 89.2





#81

sec-Butylbenzene

Concen: 18.26 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampled :

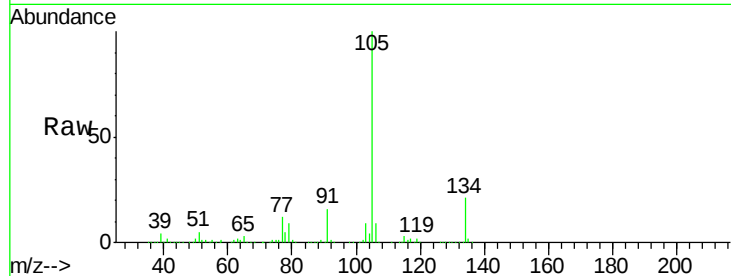
VX0628WBS02

Tot Ion:105 Resp: 273959

Ion Ratio Lower Upper

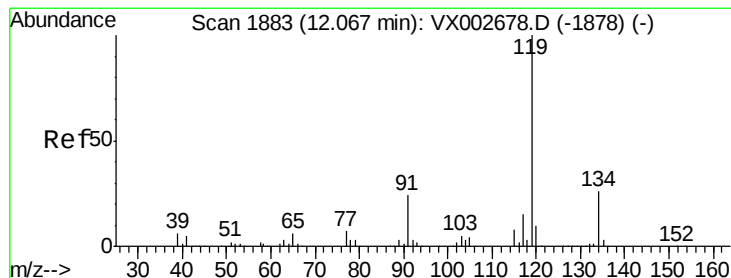
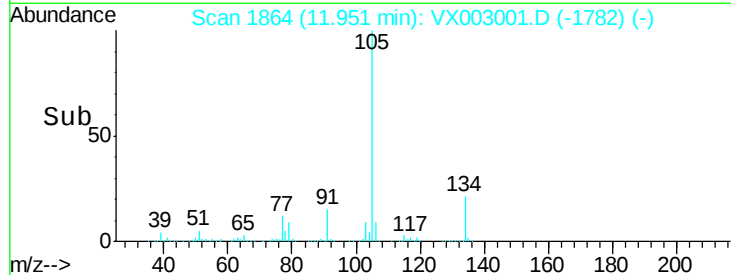
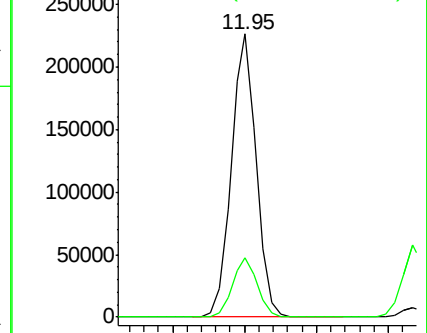
105 100

134 20.8 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.01 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

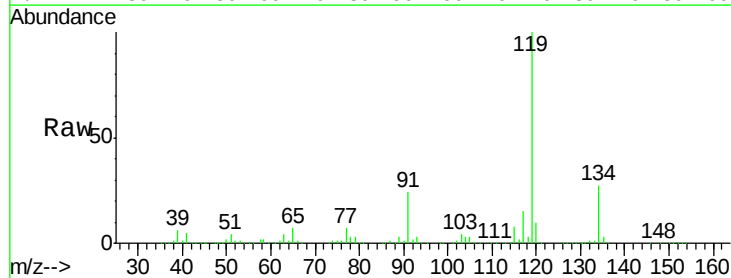
Tgt Ion:119 Resp: 243650

Ion Ratio Lower Upper

119 100

134 26.9 0.0 52.6

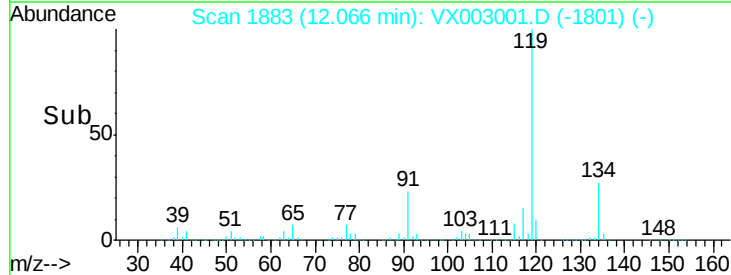
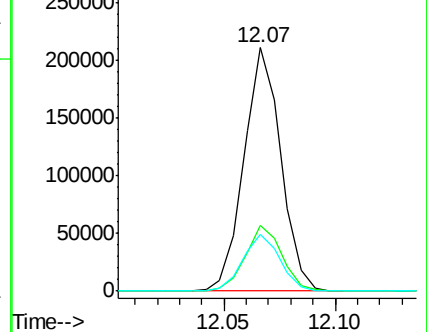
91 23.3 0.0 48.0

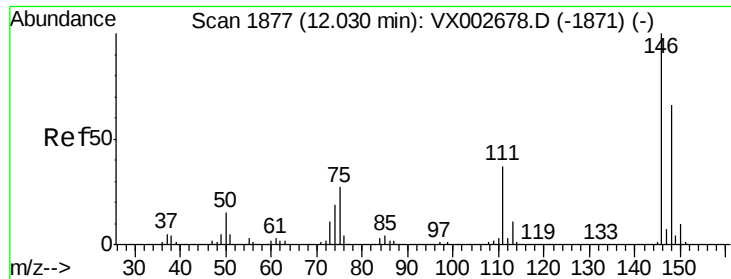


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

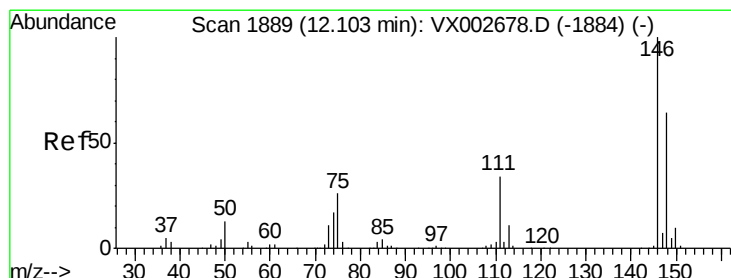
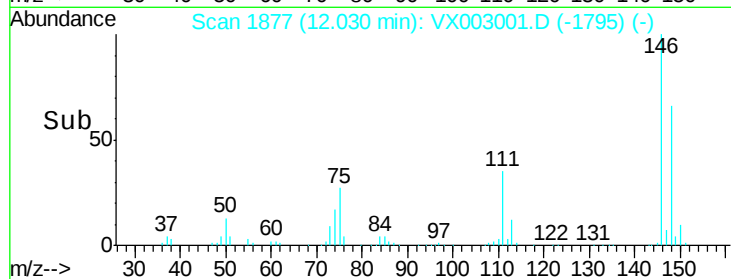
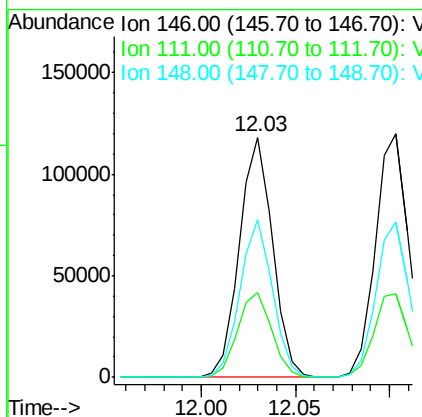
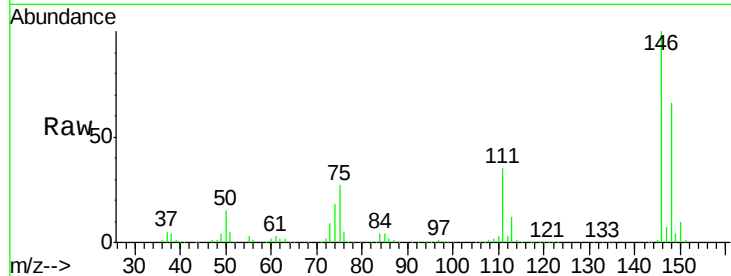




#83
 1,3-Dichlorobenzene
 Concen: 19.60 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

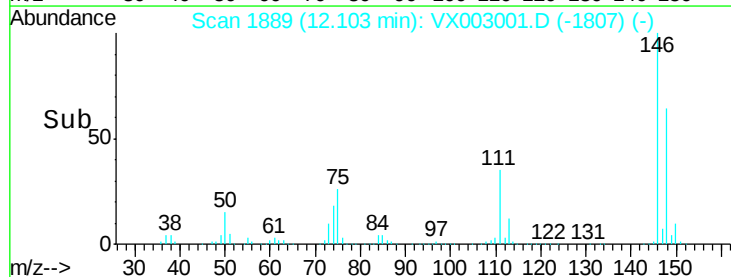
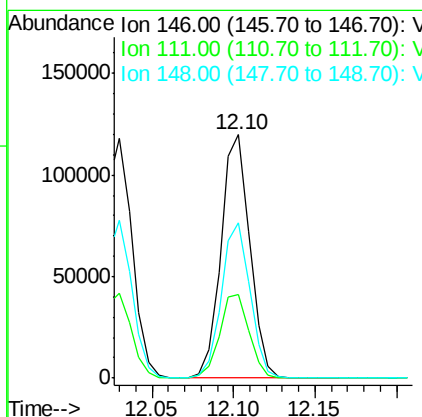
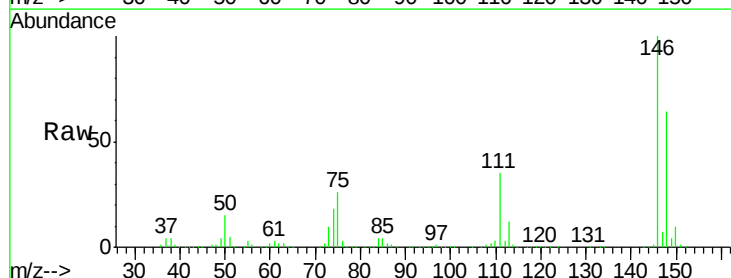
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

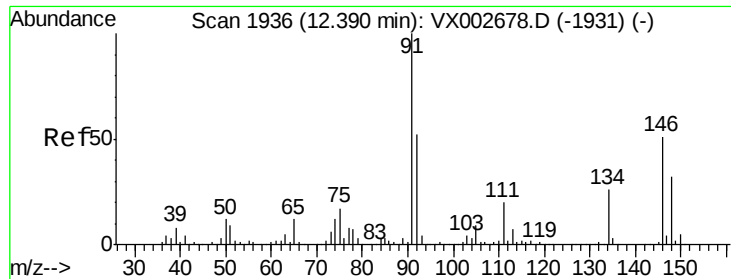
Tot Ion:146 Resp: 144891
 Ion Ratio Lower Upper
 146 100
 111 36.4 19.1 57.5
 148 64.4 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion:146 Resp: 147204
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.5 55.5
 148 63.4 32.0 96.0

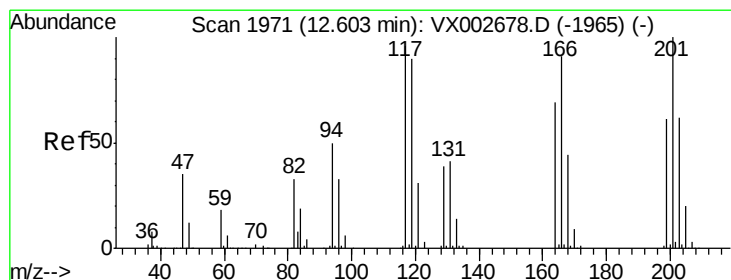
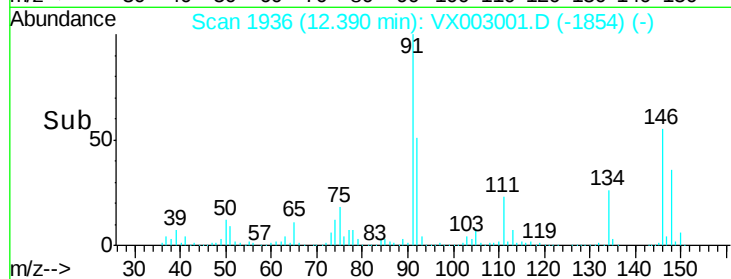
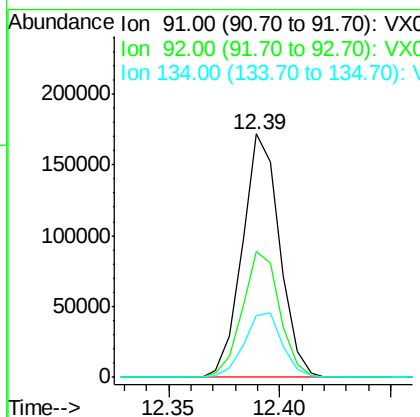
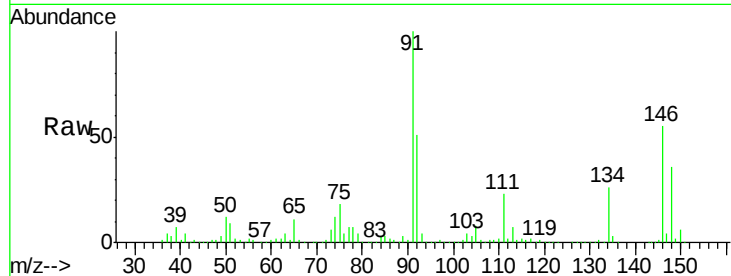




#85
n-Butylbenzene
Concen: 16.73 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

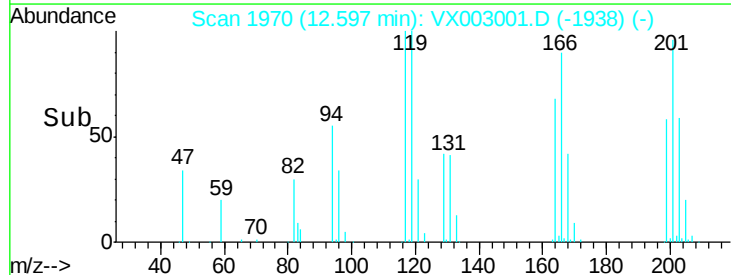
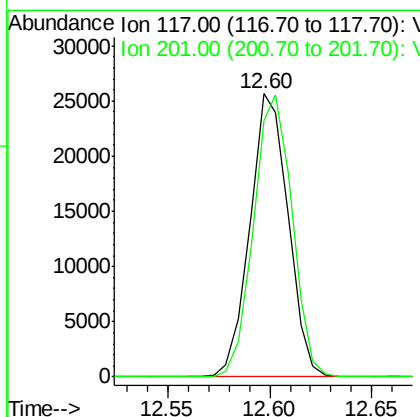
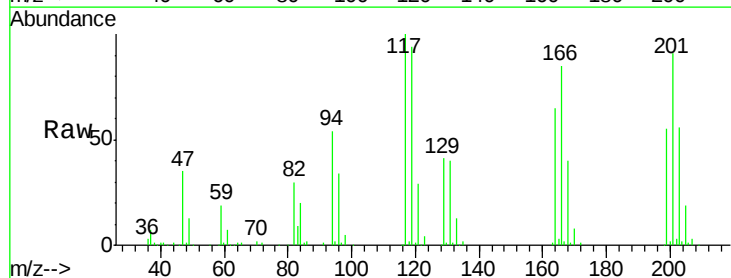
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

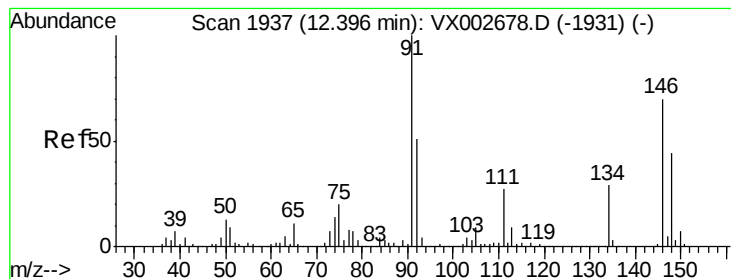
Tot Ion: 91 Resp: 200590
Ion Ratio Lower Upper
91 100
92 51.9 0.0 105.2
134 27.1 0.0 53.2



#86
Hexachloroethane
Concen: 16.27 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion: 117 Resp: 33376
Ion Ratio Lower Upper
117 100
201 100.5 47.6 142.8





#87

1,2-Dichlorobenzene

Concen: 19.80 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

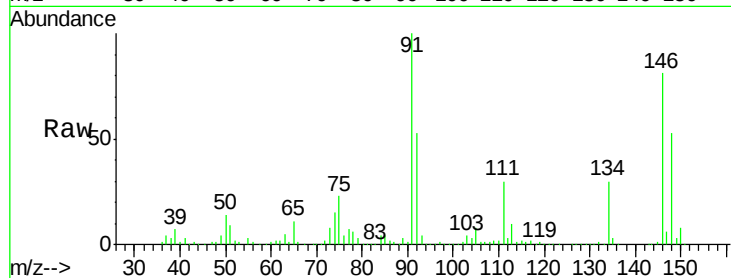
Tot Ion:146 Resp: 147840

Ion Ratio Lower Upper

146 100

111 39.3 20.0 59.9

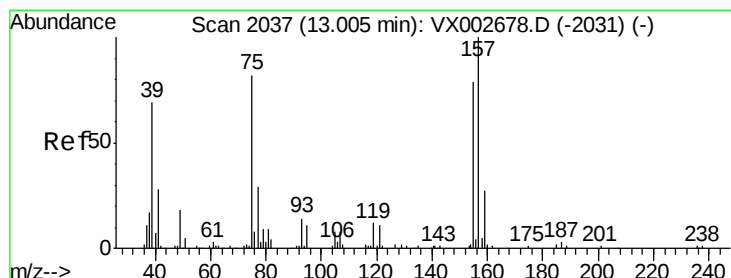
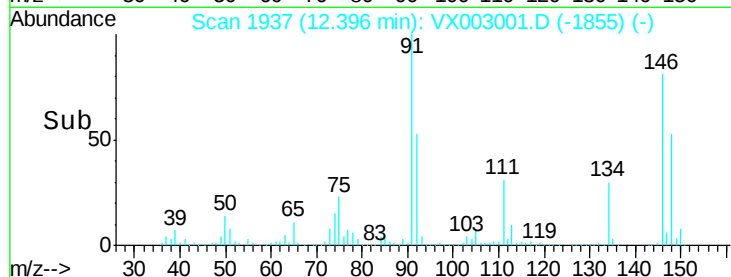
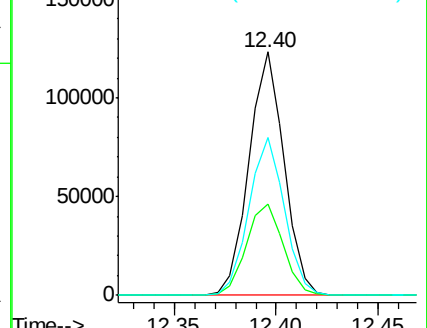
148 65.4 32.8 98.3



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: 20.33 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

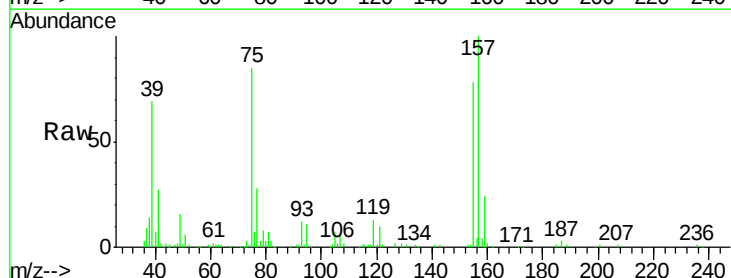
Tgt Ion: 75 Resp: 19611

Ion Ratio Lower Upper

75 100

155 90.8 73.1 109.7

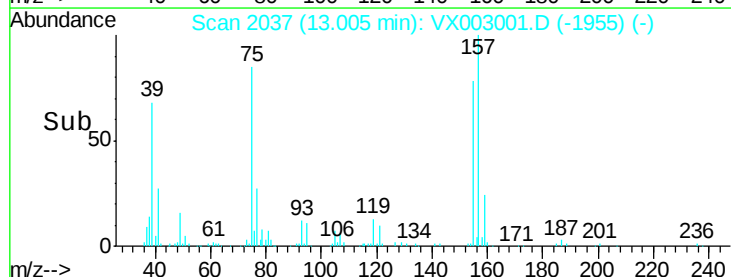
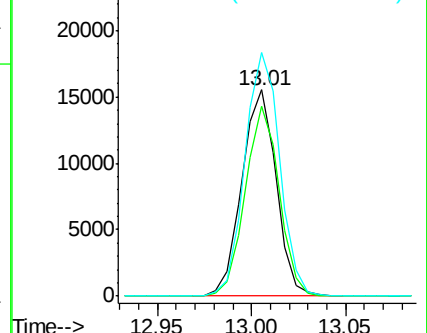
157 119.7 93.1 139.7

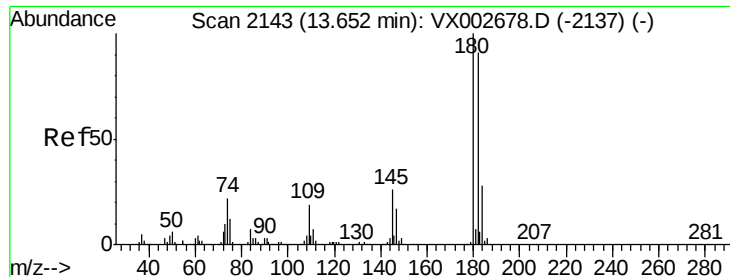


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

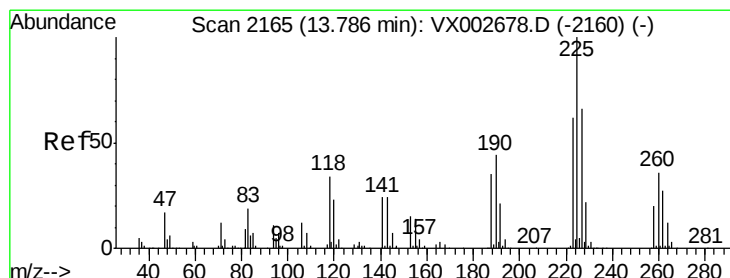
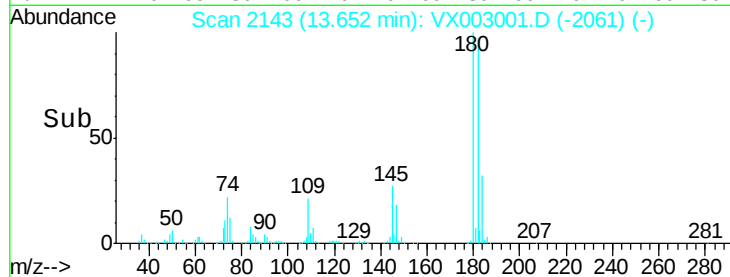
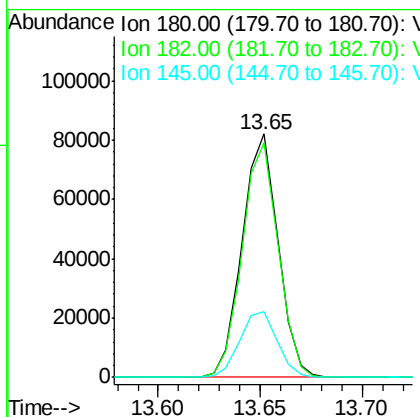
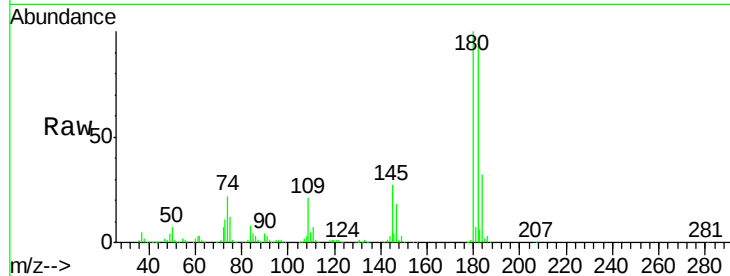




#89
 1,2,4-Trichlorobenzene
 Concen: 17.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

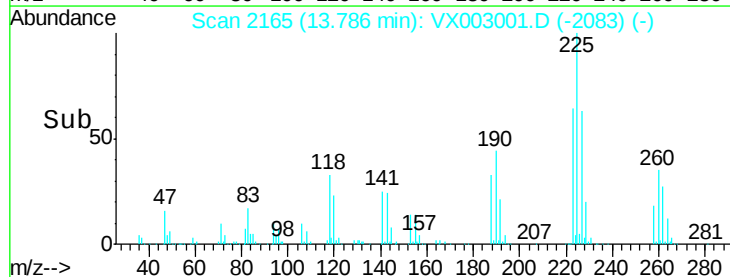
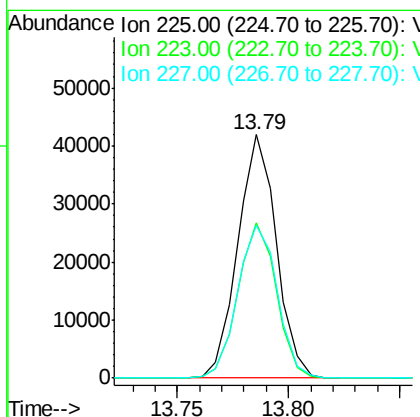
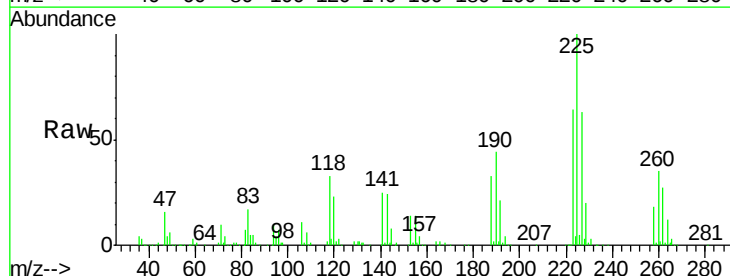
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

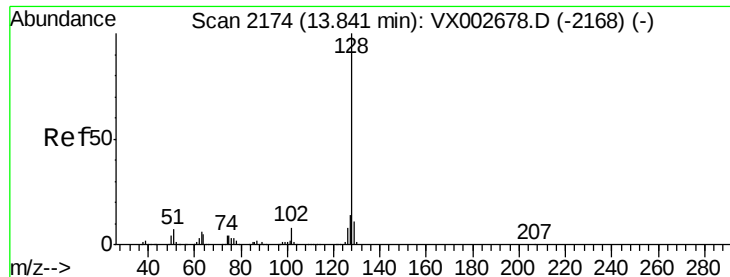
Tot Ion:180 Resp: 100801
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 145 28.3 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 17.26 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion:225 Resp: 50639
 Ion Ratio Lower Upper
 225 100
 223 63.6 0.0 122.4
 227 64.8 0.0 128.0

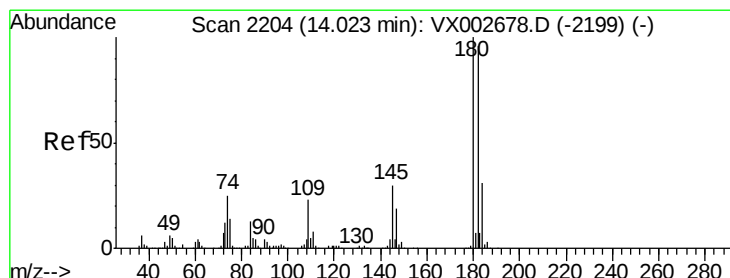
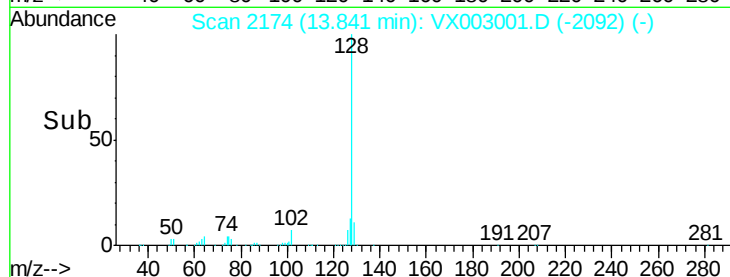
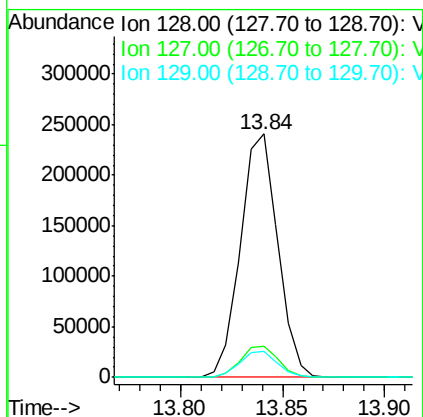
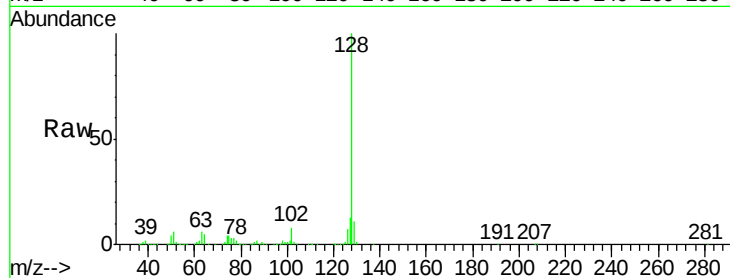




#91
Naphthalene
Concen: 20.48 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion:128 Resp: 306025
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.90 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion:180 Resp: 105996
Ion Ratio Lower Upper
180 100
182 95.9 0.0 191.0
145 30.4 0.0 60.6

