

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080218\
 Data File : VX003828.D
 Acq On : 02 Aug 2018 16:31
 Operator : JC/MD
 Sample : VX0802WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Quant Time: Aug 03 03:21:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	22289	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	118542	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	109232	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	46883	28.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.50%
60) 4-Bromofluorobenzene	11.29	95	52459	29.83	ug/l	0.15
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.43%
63) Toluene-d8	8.72	98	151830	30.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.83%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	31983	27.17	ug/l	100
3) Chloromethane	1.32	50	37939	23.94	ug/l	98
4) Vinyl Chloride	1.40	62	32546	19.53	ug/l	100
5) Bromomethane	1.64	94	18302	18.37	ug/l	98
6) Chloroethane	1.72	64	19282	17.68	ug/l	99
7) Trichlorofluoromethane	1.93	101	42874	19.13	ug/l	100
8) Diethyl Ether	2.19	74	17221	17.92	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25053	18.43	ug/l	98
10) 1,1-Dichloroethene	2.37	96	23963	18.75	ug/l	88
11) Methyl Iodide	2.51	142	28044	15.83	ug/l	94
12) Methyl Acetate	2.78	43	46153	19.52	ug/l	98
13) Acrolein	2.29	56	24745	134.18	ug/l	99
14) Acrylonitrile	3.15	53	80921	86.86	ug/l	100
15) Acetone	2.45	58	22230	87.93	ug/l	79
16) Carbon Disulfide	2.57	76	66232	18.66	ug/l	100
17) Allyl chloride	2.73	41	46921	17.74	ug/l	91
18) Methylene Chloride	2.85	84	27900	18.43	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	25463	18.43	ug/l	95
20) Diisopropyl ether	3.88	45	85939	17.70	ug/l	98
21) 1,1-Dichloroethane	3.70	63	49194	17.89	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	27821	19.95	ug/l #	75
23) tert-Butyl Alcohol	3.07	59	35401	90.46	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	81050	17.68	ug/l	92
25) Chloroform	5.22	83	47416	19.91	ug/l	99
26) Cyclohexane	5.57	56	40305	19.51	ug/l #	97
29) 1,1-Dichloropropene	5.80	75	34486	19.70	ug/l	98
30) 2-Butanone	4.71	43	107970	96.58	ug/l	95
31) 2,2-Dichloropropane	4.59	77	32912	19.41	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	40243	20.09	ug/l	98
33) Carbon Tetrachloride	5.78	117	34783	19.99	ug/l	98
34) Benzene	6.15	78	107230	19.94	ug/l	99
35) Methacrylonitrile	5.07	41	22209	19.12	ug/l	91
36) 1,2-Dichloroethane	6.20	62	37888	19.60	ug/l	95
37) Trichloroethene	7.21	130	28411	20.27	ug/l	86
38) Methylcyclohexane	7.46	83	38405	19.31	ug/l	99
39) 1,2-Dichloropropane	7.52	63	28239	19.87	ug/l	98
40) Dibromomethane	7.67	93	18281	19.88	ug/l	99

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Quant Time: Aug 03 03:21:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	33940	19.31	ug/l	98
42) Vinyl Acetate	3.83	43	351155	81.75	ug/l	99
43) Ethyl Acetate	4.87	43	39869	19.09	ug/l	96
44) Isopropyl Acetate	6.47	43	60831	18.99	ug/l	95
45) 1,4-Dioxane	7.76	88	13802	388.04	ug/l #	86
46) Methyl methacrylate	7.78	41	31640	19.15	ug/l	91
47) n-amyl Acetate	10.97	43	52813	17.47	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	40691	19.08	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	36425	18.21	ug/l	91
50) 1,1,2-Trichloroethane	9.22	97	27730	18.99	ug/l	99
51) Ethyl methacrylate	9.18	69	38699	17.60	ug/l	87
52) 1,3-Dichloropropane	9.38	76	46036	18.95	ug/l	99
53) Dibromochloromethane	9.59	129	27040	18.85	ug/l	98
54) 1,2-Dibromoethane	9.68	107	28898	18.93	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	102383	90.29	ug/l	99
56) Bromoform	10.91	173	20530	18.45	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	208988	101.33	ug/l	94
59) 2-Hexanone	9.50	43	162452	98.92	ug/l	94
61) Tetrachloroethene	9.34	164	26957	21.21	ug/l	96
62) Toluene	8.79	91	117931	20.80	ug/l	98
64) Chlorobenzene	10.14	112	74571	20.35	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	26586	20.51	ug/l	99
66) Ethyl Benzene	10.26	91	124284	19.92	ug/l	100
67) m/p-Xylenes	10.36	106	97721	40.67	ug/l	98
68) o-Xylene	10.73	106	46763	20.34	ug/l	96
69) Styrene	10.74	104	78009	20.04	ug/l	97
70) Isopropylbenzene	11.12	105	126499	19.99	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.48	83	43531	19.27	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	25666	13.66	ug/l	41
73) Bromobenzene	11.46	156	33840	19.84	ug/l	97
74) n-propylbenzene	11.62	91	145497	19.52	ug/l	99
75) 2-Chlorotoluene	11.20	91	1700	0.39	ug/l	62
76) 1,3,5-Trimethylbenzene	11.86	105	106790	19.88	ug/l	99
77) t-1,4-Dichloro-2-butene	11.20	75	11597	18.11	ug/l	93
78) 4-Chlorotoluene	11.71	91	86838	16.89	ug/l	92
79) tert-butylbenzene	12.44	119	111085	20.10	ug/l	99
80) 1,2,4-Trimethylbenzene	11.86	105	106790	19.43	ug/l	93
81) sec-Butylbenzene	11.86	105	106790	17.07	ug/l	56
82) p-Isopropyltoluene	12.44	119	111085	20.10	ug/l	99
83) 1,3-Dichlorobenzene	12.41	146	62782	20.15	ug/l	100
84) 1,4-Dichlorobenzene	12.41	146	62782	20.02	ug/l	99
85) n-Butylbenzene	12.19	91	58375	11.90	ug/l	48
86) Hexachloroethane	12.71	117	2533	2.84	ug/l #	2
87) 1,2-Dichlorobenzene	12.41	146	62782	20.08	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.24	75	9345	19.59	ug/l	97
89) 1,2,4-Trichlorobenzene	13.82	180	44659	20.34	ug/l	99
91) Naphthalene	13.99	128	134196	20.00	ug/l	100
92) 1,2,3-Trichlorobenzene	14.16	180	46091	20.61	ug/l	100

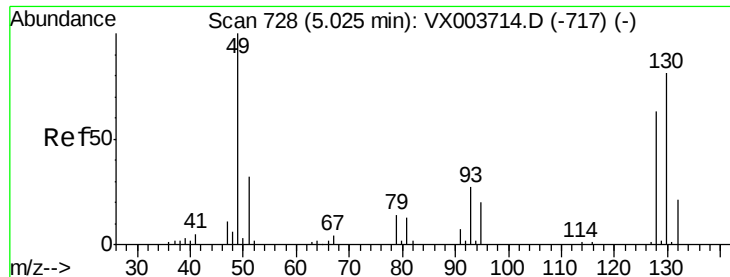
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080218\
Data File : VX003828.D
Acq On : 02 Aug 2018 16:31
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Sample : VX0802WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0802WBSD01

Quant Time: Aug 03 03:21:42 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

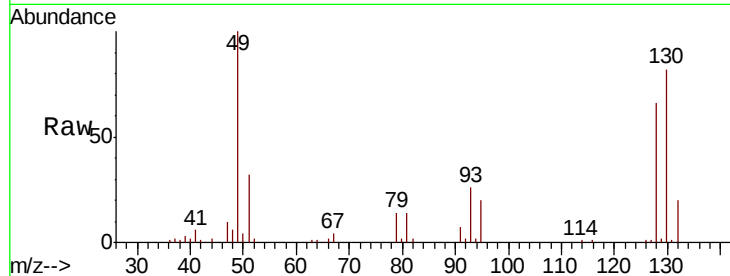
Tot Ion:128 Resp: 22289

Ion Ratio Lower Upper

128 100

49 159.2 0.0 423.0

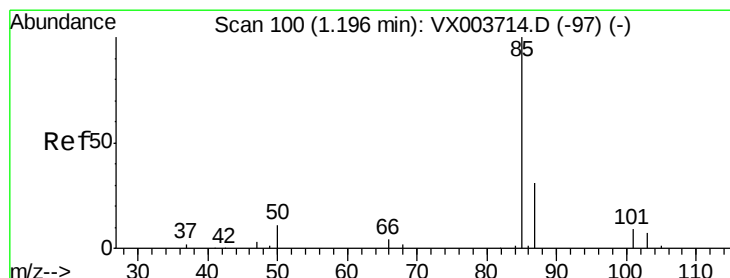
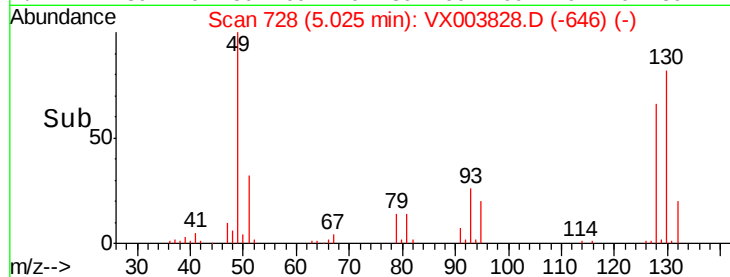
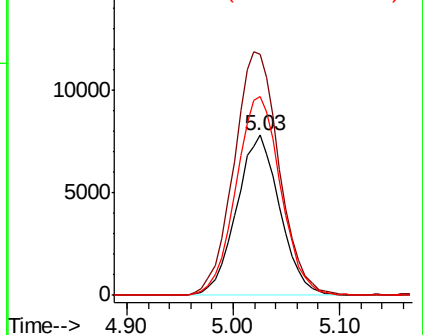
130 128.2 0.0 324.3



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: 27.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003828.D

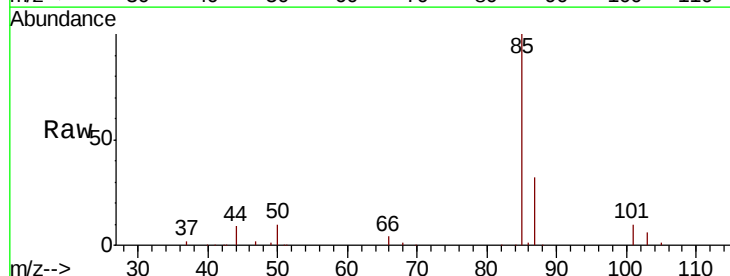
Acq: 02 Aug 2018 16:31

Tgt Ion: 85 Resp: 31983

Ion Ratio Lower Upper

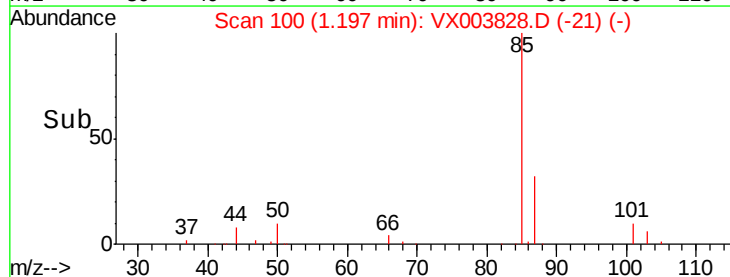
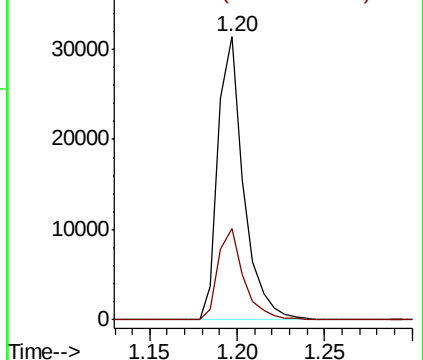
85 100

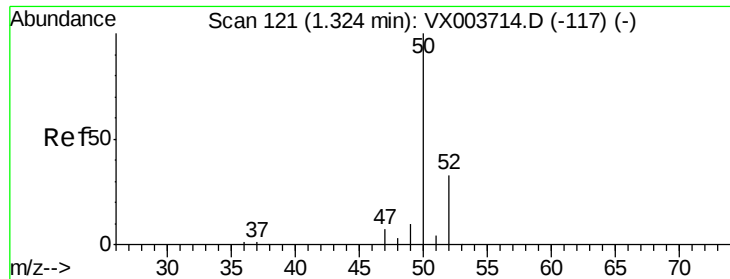
87 32.1 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

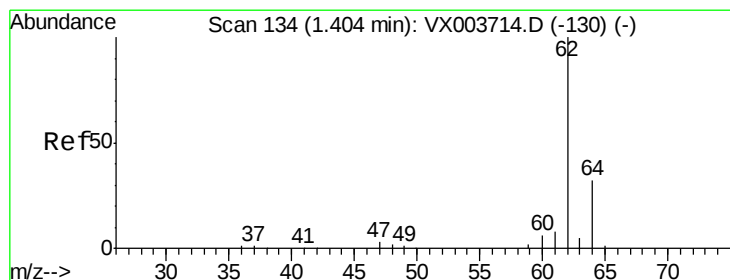
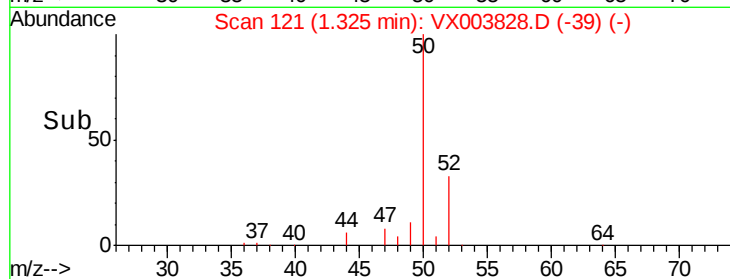
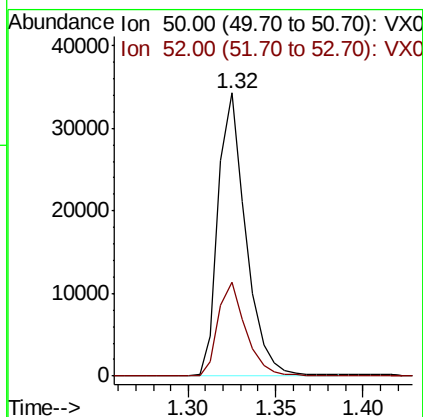
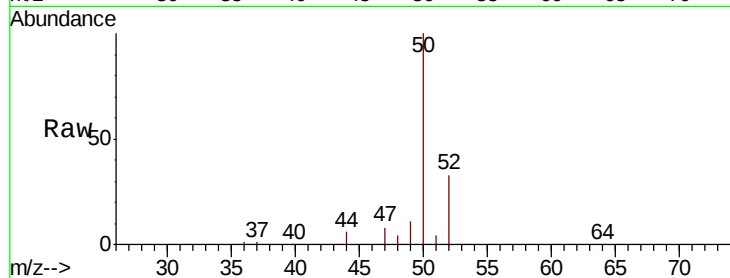




#3
Chloromethane
Concen: 23.94 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

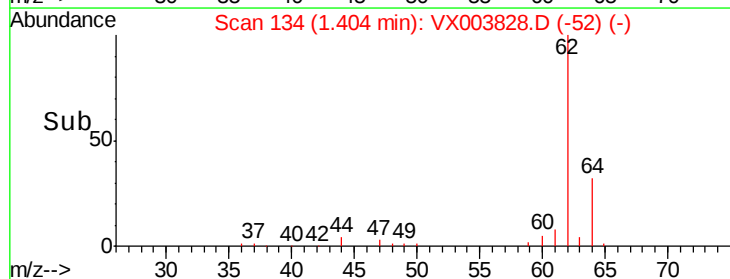
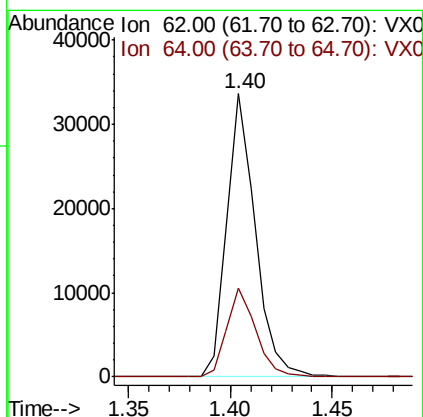
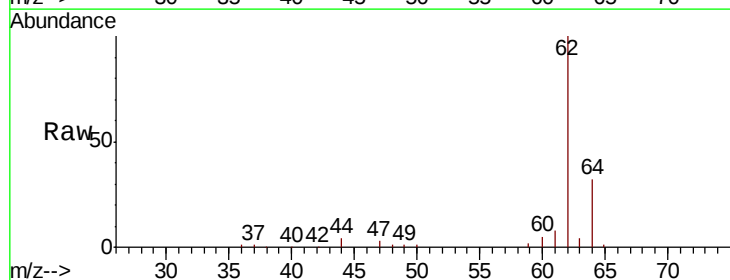
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

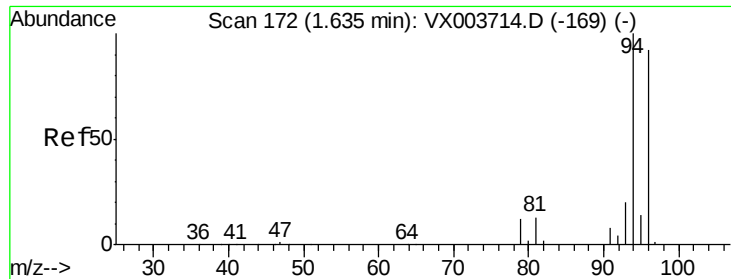
Tot Ion: 50 Resp: 37939
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 19.53 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 62 Resp: 32546
Ion Ratio Lower Upper
62 100
64 31.4 25.3 37.9

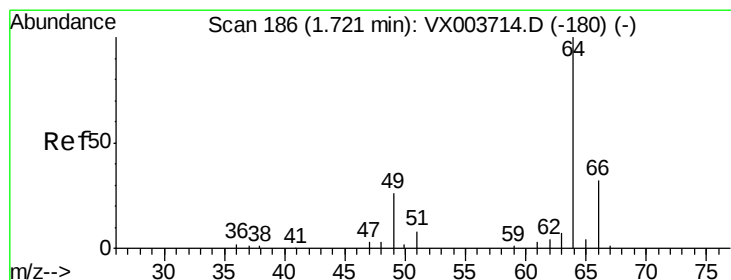
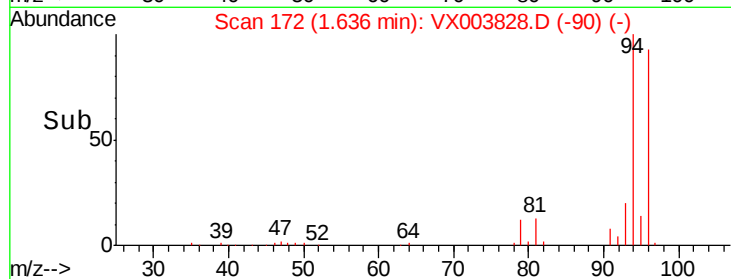
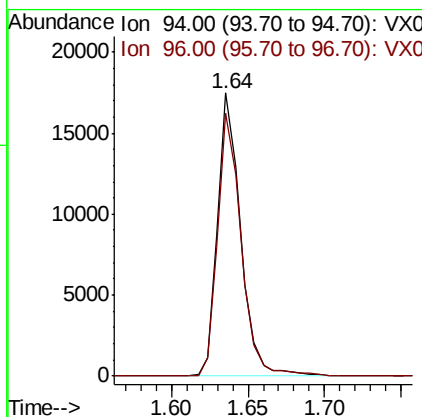
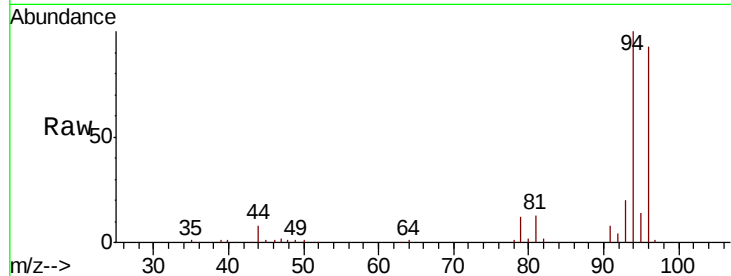




#5
Bromomethane
Concen: 18.37 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

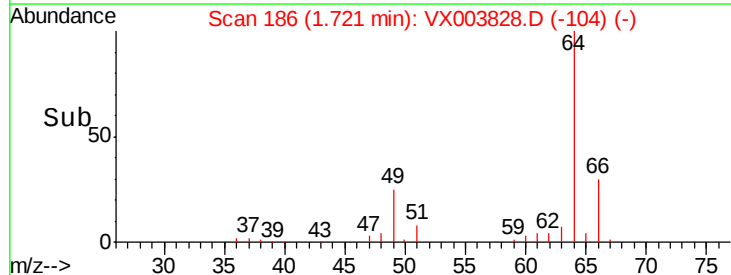
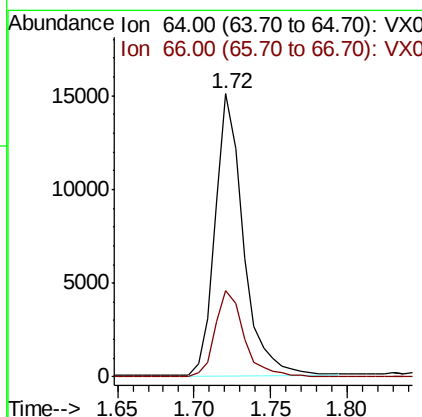
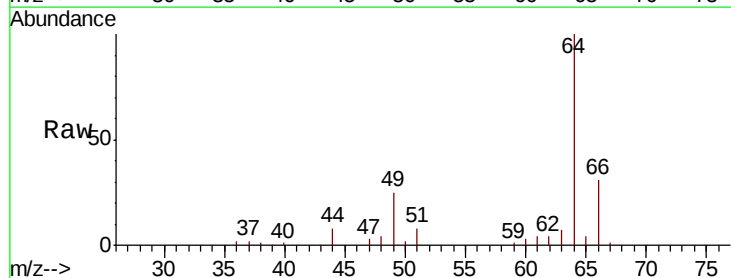
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

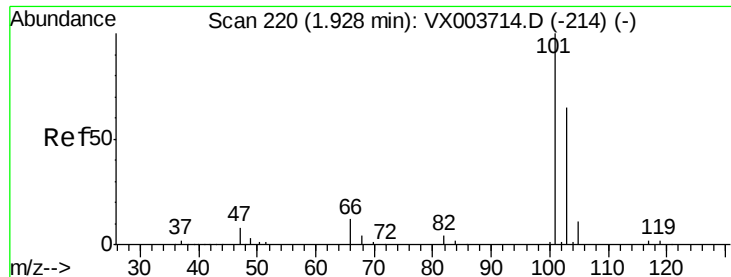
Tot Ion: 94 Resp: 18302
Ion Ratio Lower Upper
94 100
96 92.7 75.7 113.5



#6
Chloroethane
Concen: 17.68 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 64 Resp: 19282
Ion Ratio Lower Upper
64 100
66 30.7 24.3 36.5



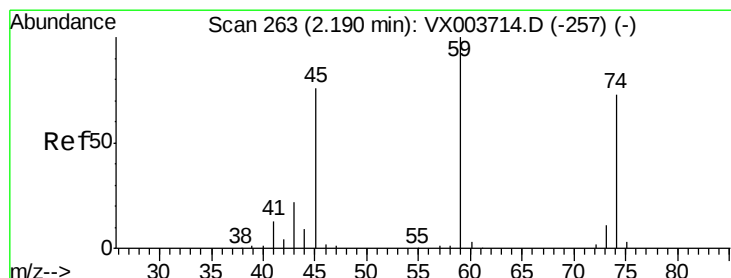
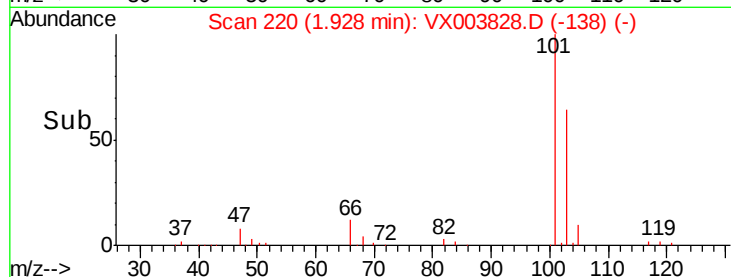
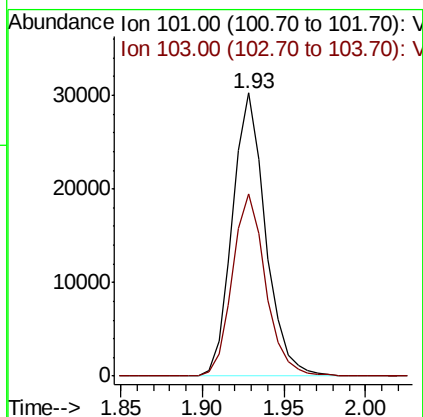
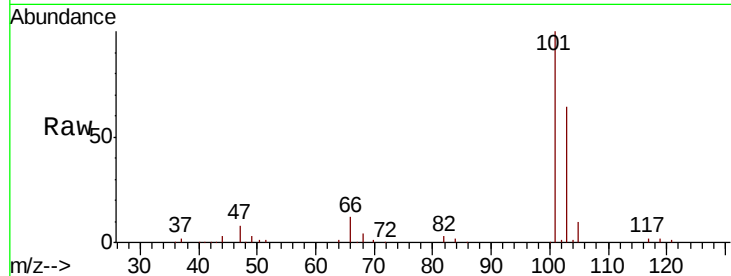


#7

Trichlorofluoromethane
 Concen: 19.13 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

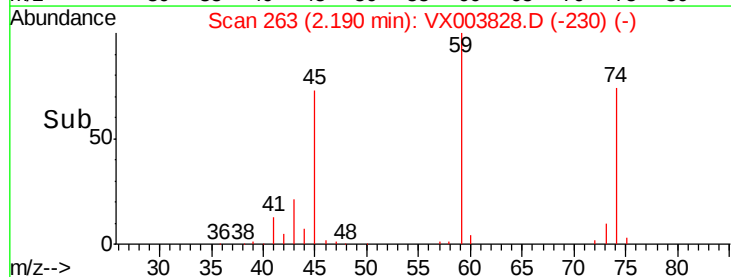
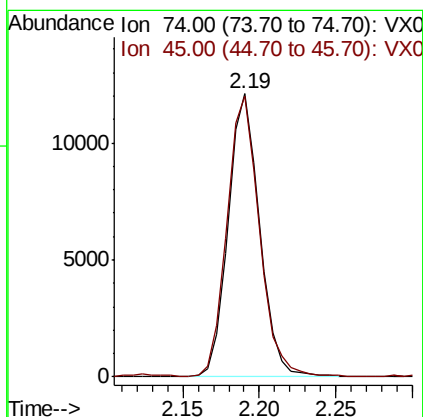
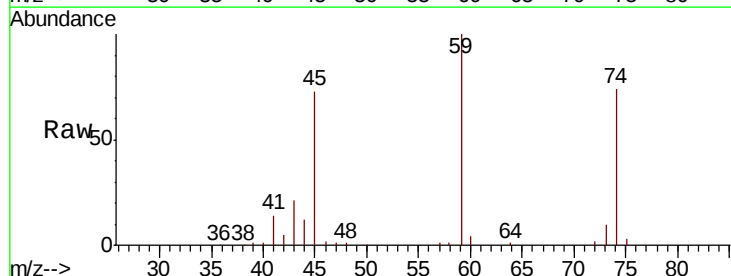
Tot Ion:101 Resp: 42874
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.5 77.3

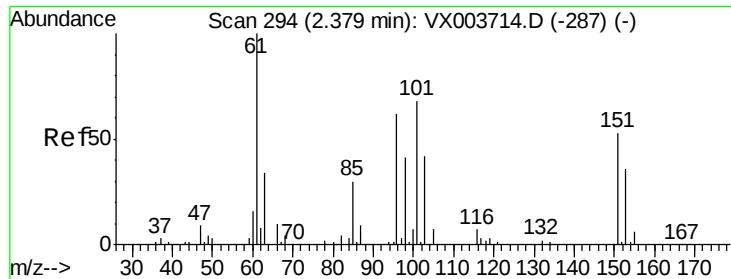


#8

Diethyl Ether
 Concen: 17.92 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 74 Resp: 17221
 Ion Ratio Lower Upper
 74 100
 45 102.4 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.43 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

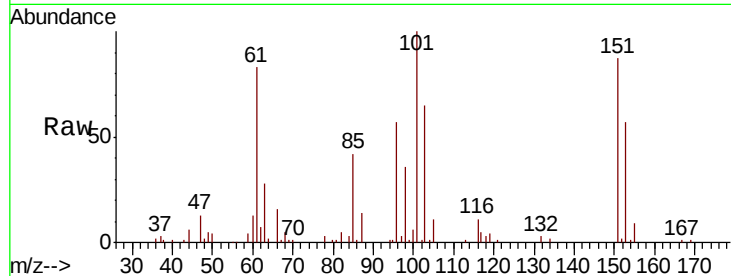
Tot Ion:101 Resp: 25053

Ion Ratio Lower Upper

101 100

85 42.8 0.0 87.0

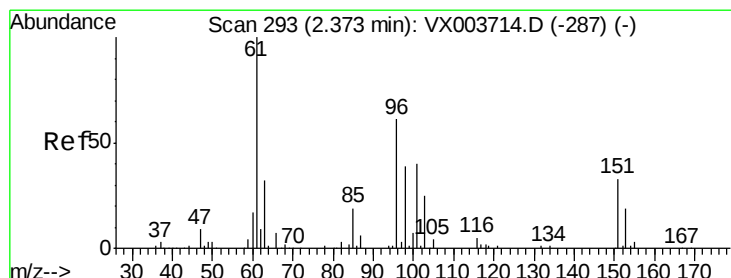
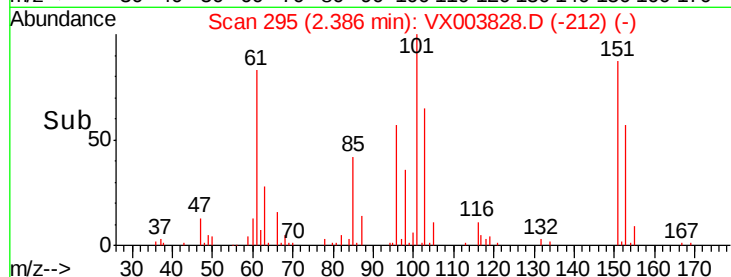
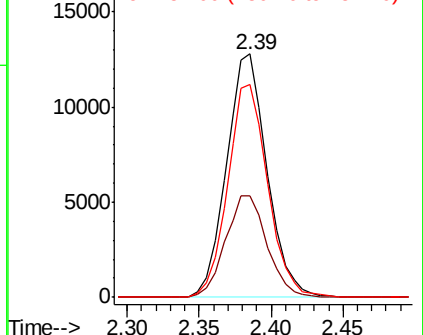
151 86.3 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.75 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

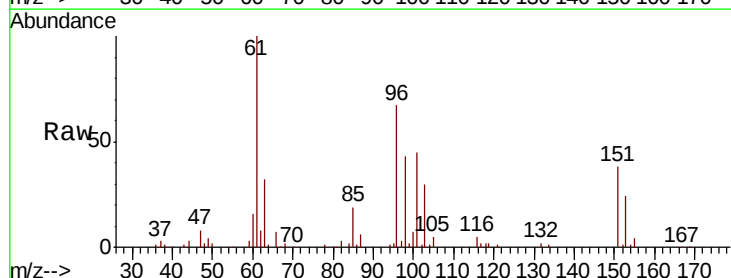
Tgt Ion: 96 Resp: 23963

Ion Ratio Lower Upper

96 100

61 149.3 137.5 206.3

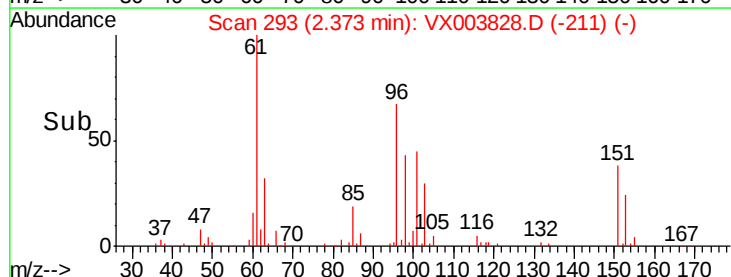
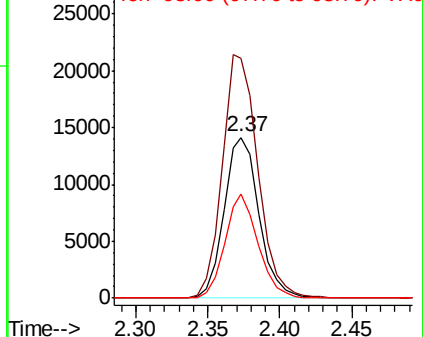
98 64.7 51.4 77.2

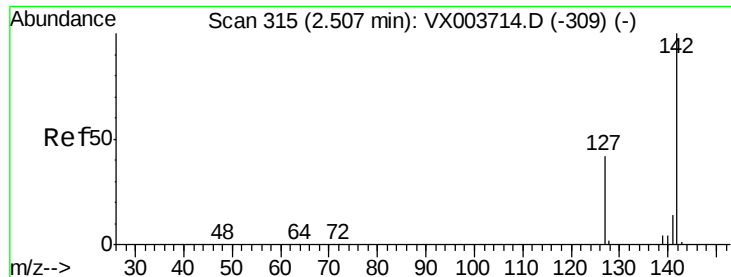


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

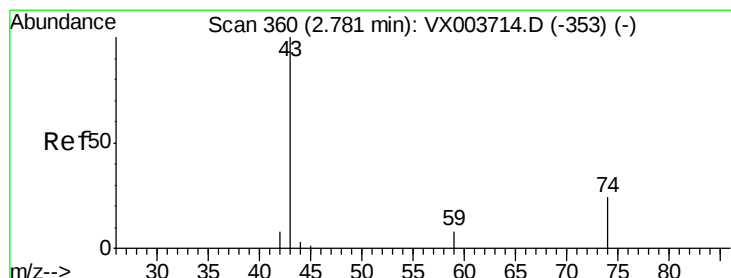
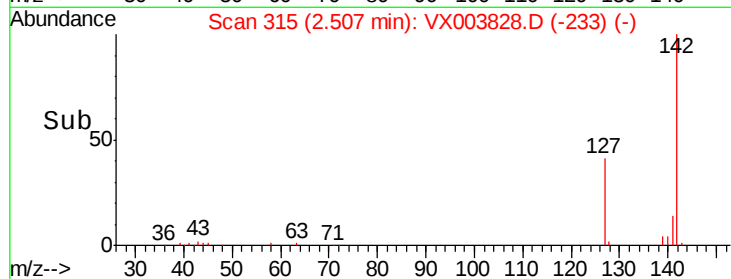
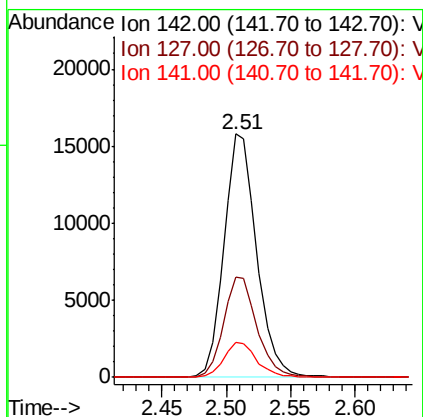
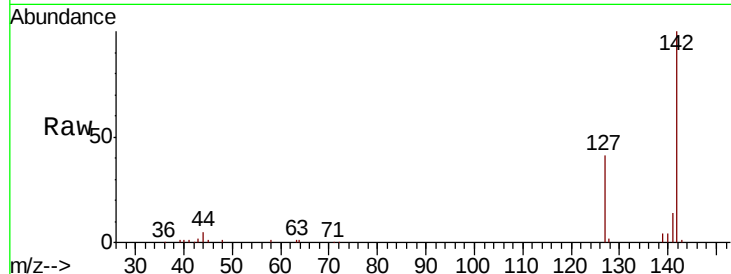




#11
Methyl Iodide
Concen: 15.83 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

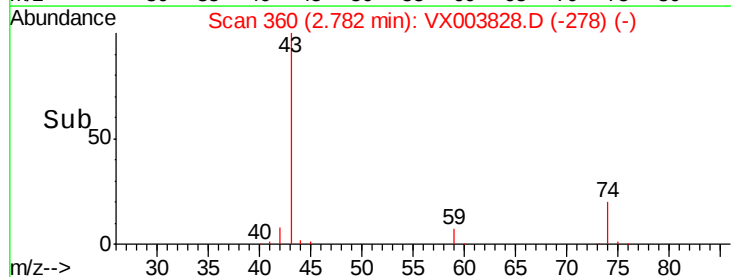
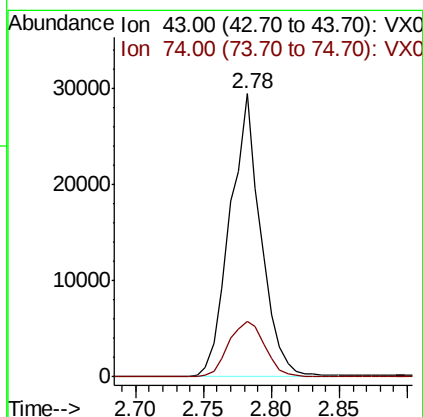
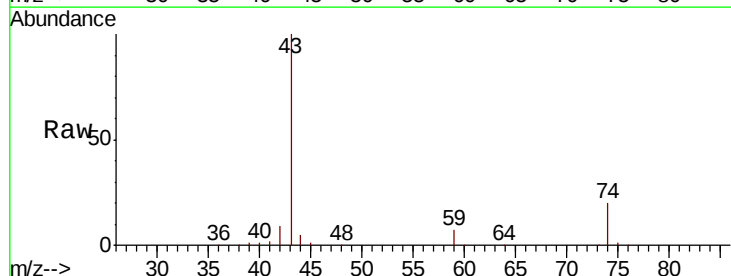
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

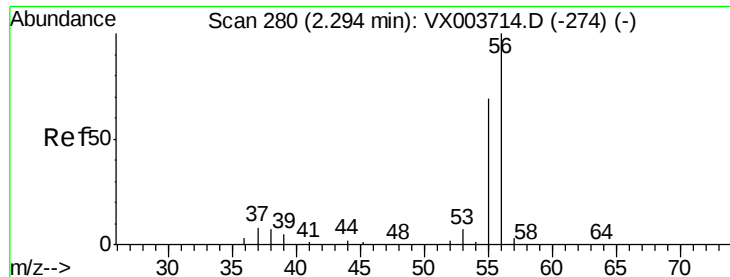
Tot Ion:142 Resp: 28044
Ion Ratio Lower Upper
142 100
127 41.2 23.2 69.6
141 14.3 7.4 22.2



#12
Methyl Acetate
Concen: 19.52 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 43 Resp: 46153
Ion Ratio Lower Upper
43 100
74 19.7 16.4 24.6





#13

Acrolein

Concen: 134.18 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

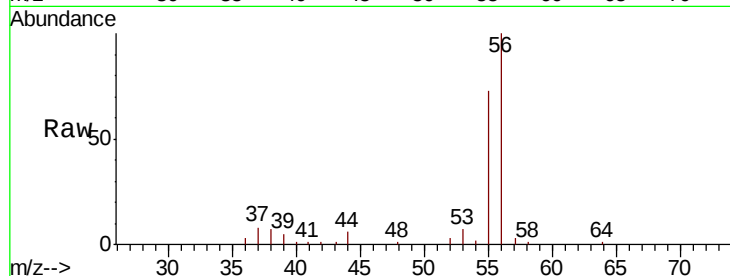
VX0802WBSD01

Tot Ion: 56 Resp: 24745

Ion Ratio Lower Upper

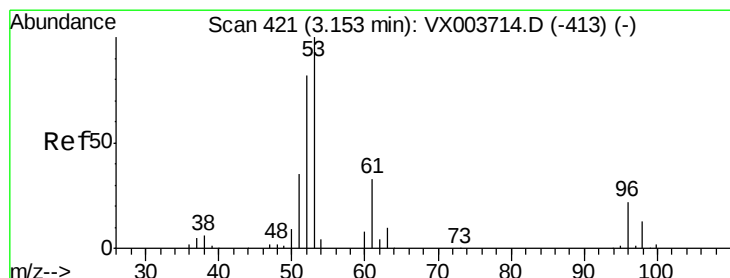
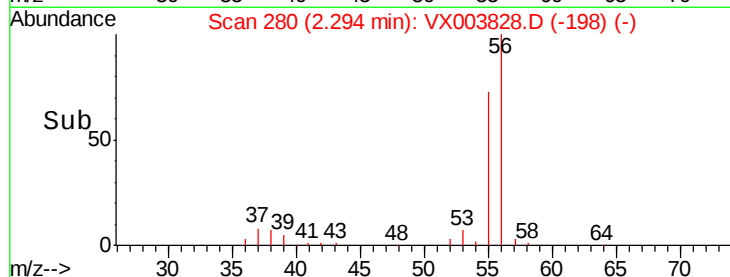
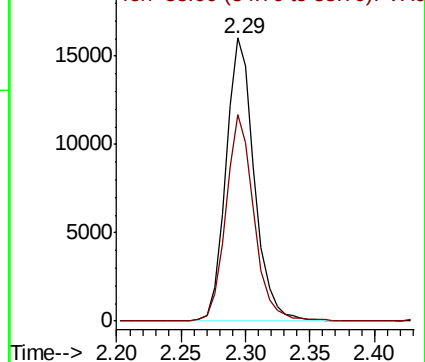
56 100

55 72.2 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 86.86 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

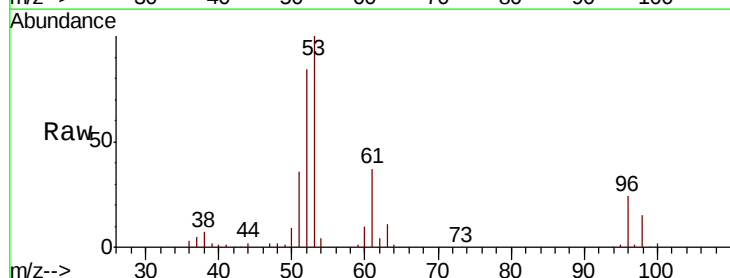
Tgt Ion: 53 Resp: 80921

Ion Ratio Lower Upper

53 100

52 83.3 41.5 124.6

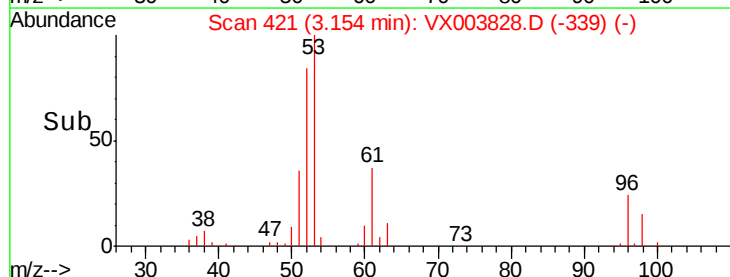
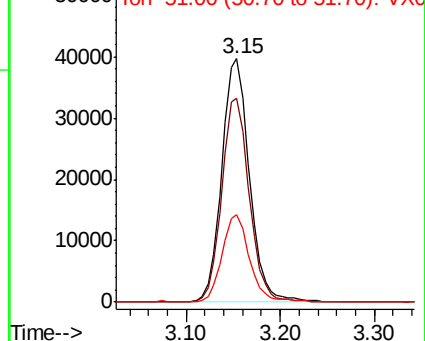
51 35.4 17.9 53.8

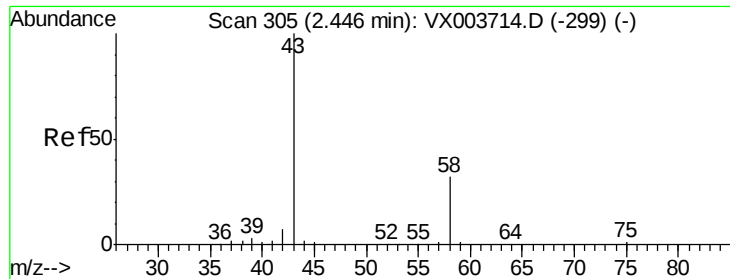


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 87.93 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

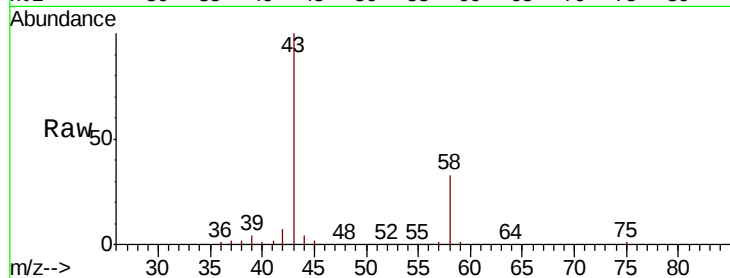
VX0802WBSD01

Tot Ion: 58 Resp: 22230

Ion Ratio Lower Upper

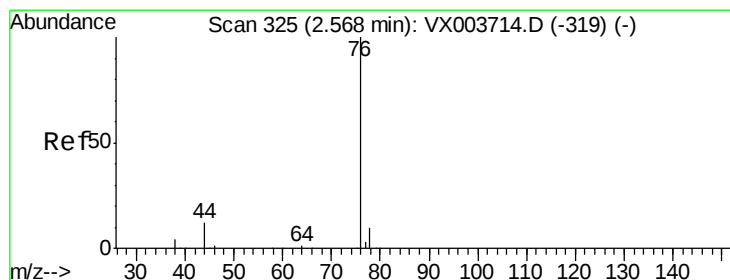
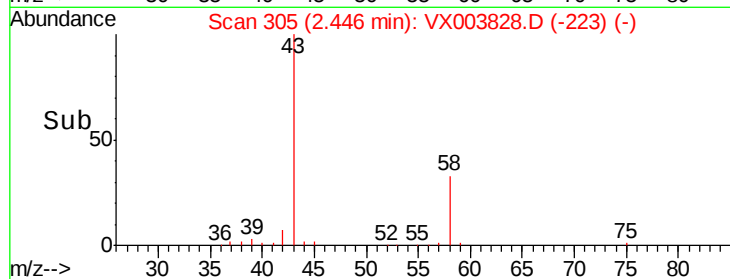
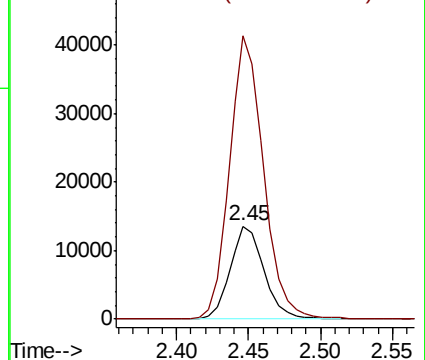
58 100

43 303.1 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.66 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003828.D

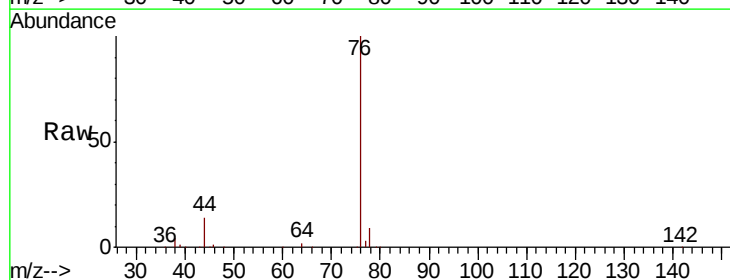
Acq: 02 Aug 2018 16:31

Tgt Ion: 76 Resp: 66232

Ion Ratio Lower Upper

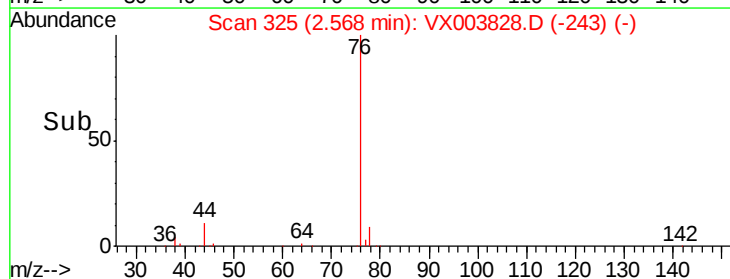
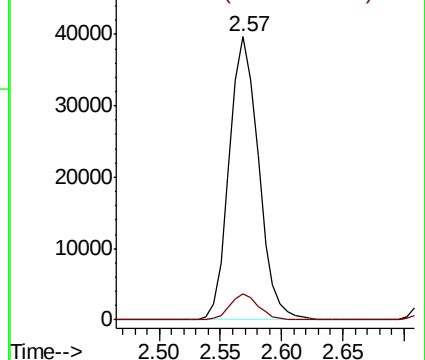
76 100

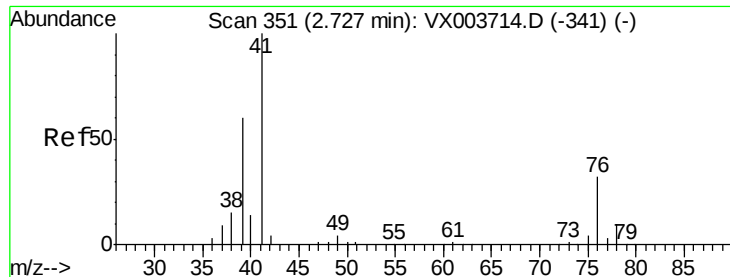
78 9.4 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

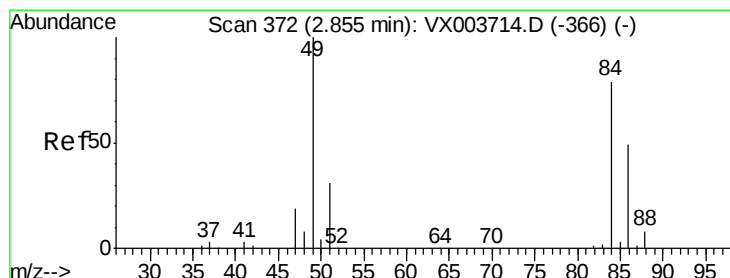
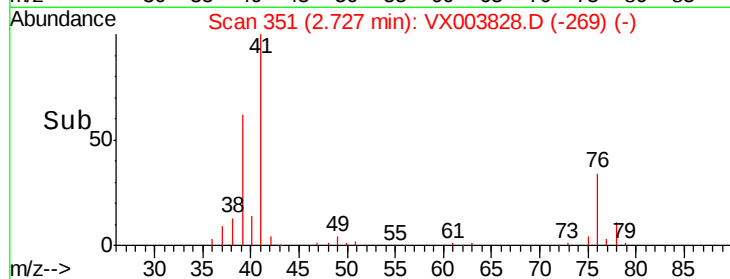
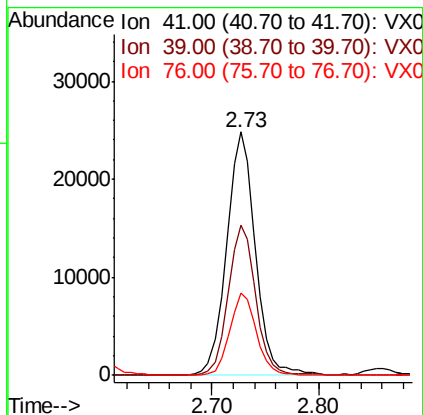
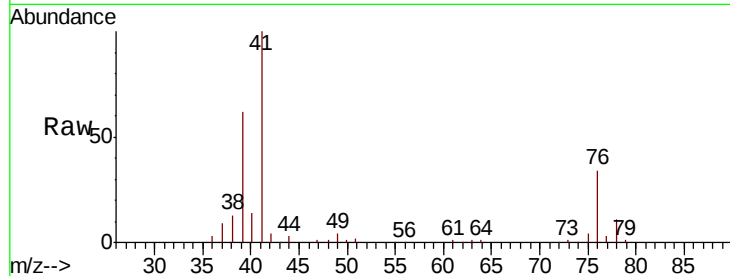




#17
Allvl chloride
Concen: 17.74 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

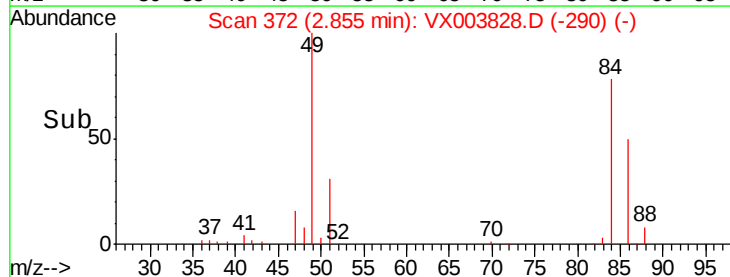
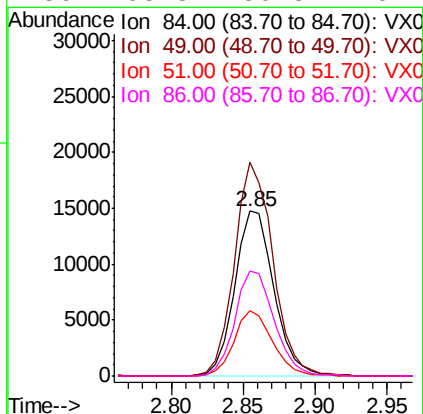
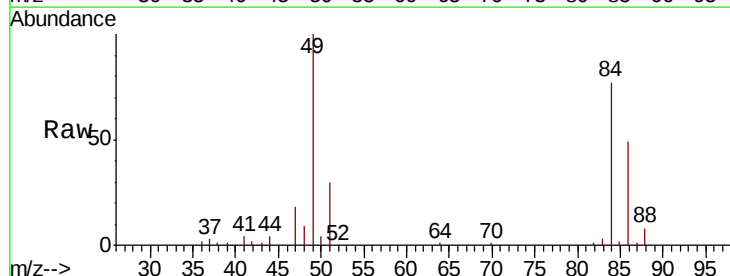
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

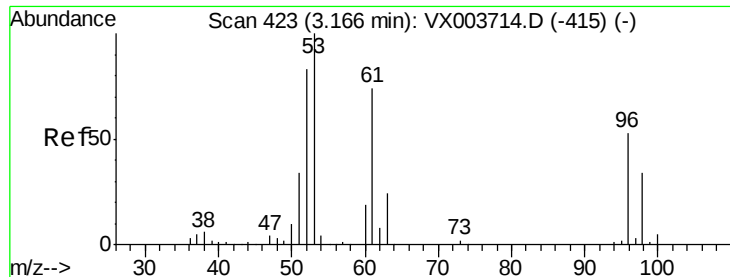
Tot Ion: 41 Resp: 46921
Ion Ratio Lower Upper
41 100
39 61.6 34.6 103.8
76 33.7 15.0 45.1



#18
Methylene Chloride
Concen: 18.43 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 84 Resp: 27900
Ion Ratio Lower Upper
84 100
49 129.4 104.7 157.1
51 39.2 31.0 46.4
86 63.8 50.8 76.2

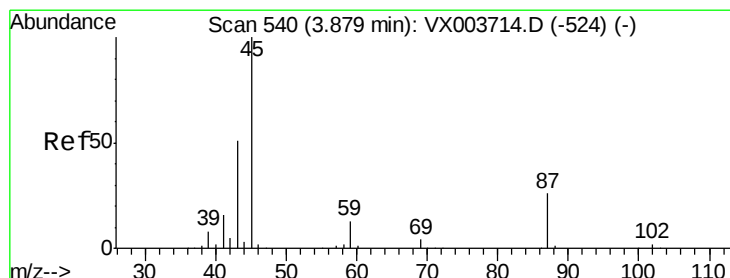
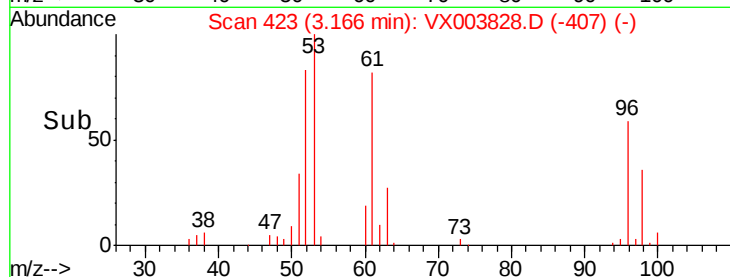
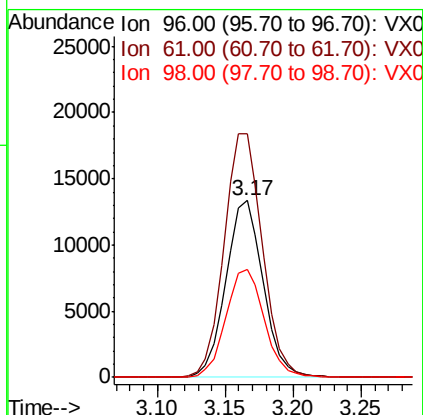
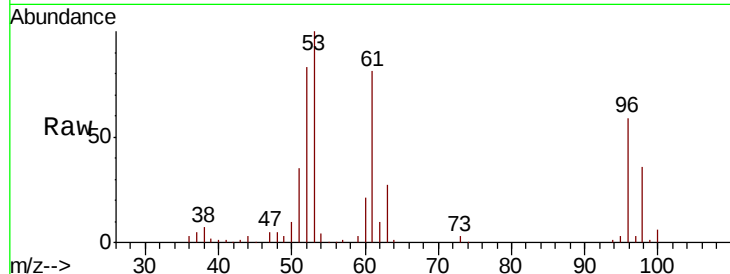




#19
trans-1,2-Dichloroethene
Concen: 18.43 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

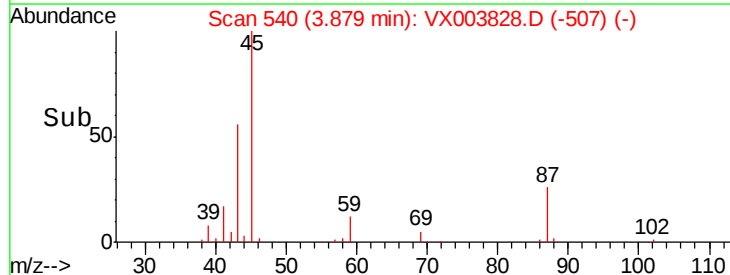
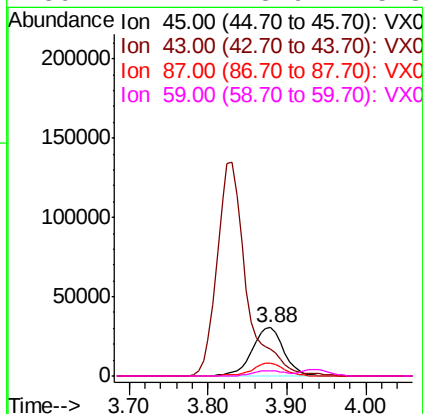
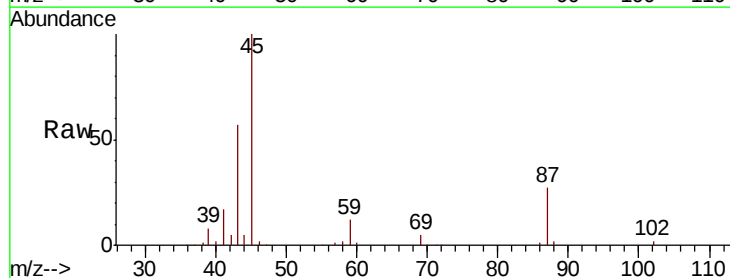
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

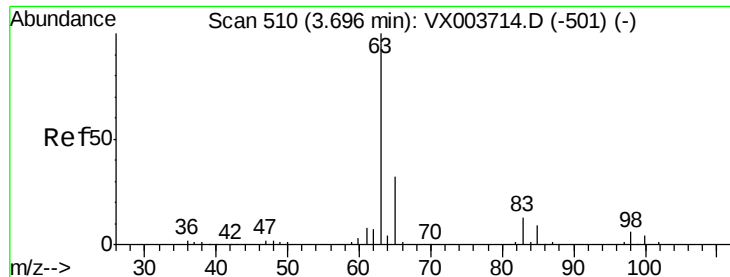
Tot Ion: 96 Resp: 25463
Ion Ratio Lower Upper
96 100
61 137.6 114.6 172.0
98 60.7 51.3 76.9



#20
Diisopropyl ether
Concen: 17.70 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 45 Resp: 85939
Ion Ratio Lower Upper
45 100
43 55.5 45.6 68.4
87 26.7 20.7 31.1
59 11.7 8.9 13.3





#21

1,1-Dichloroethane

Concen: 17.89 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

VX0802WBSD01

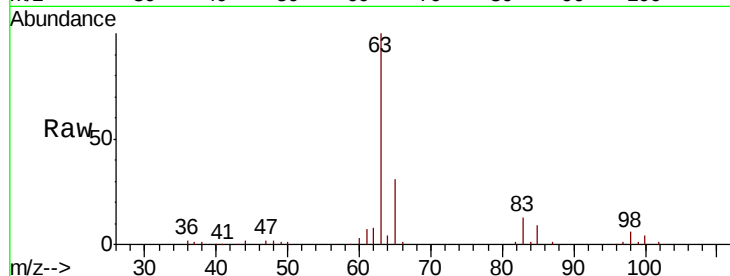
Tot Ion: 63 Resp: 49194

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

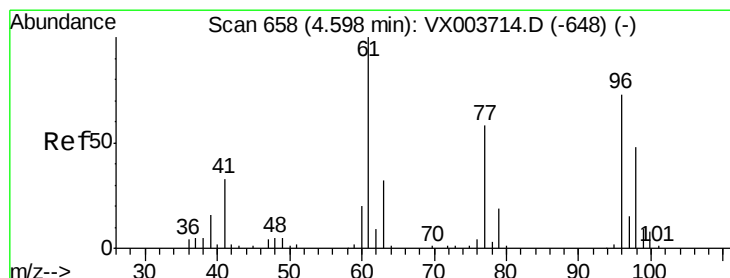
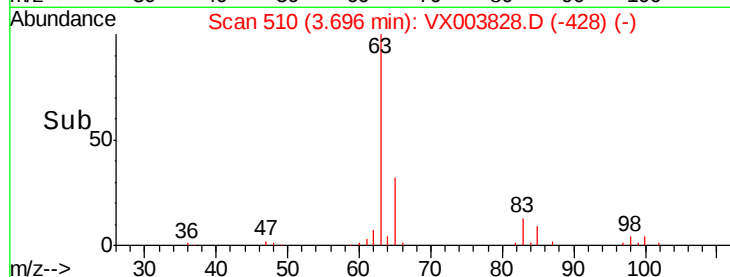
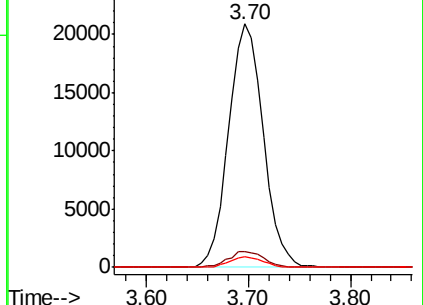
100 4.3 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.95 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

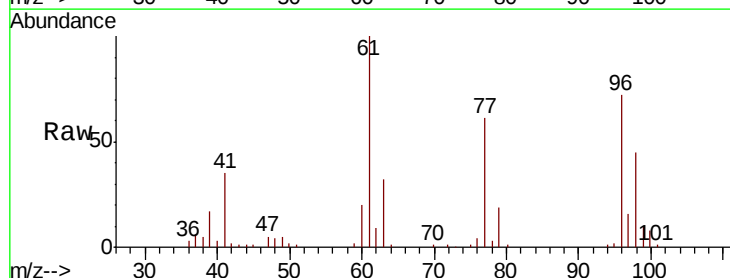
Tgt Ion: 96 Resp: 27821

Ion Ratio Lower Upper

96 100

61 151.9 160.2 240.2#

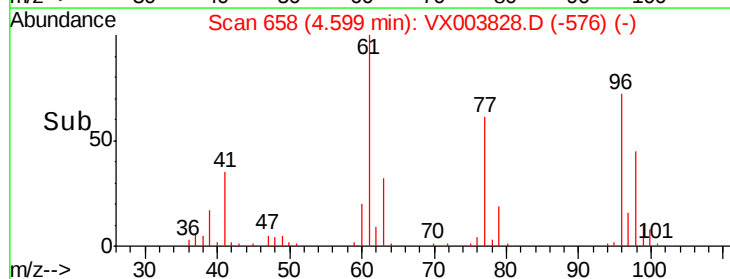
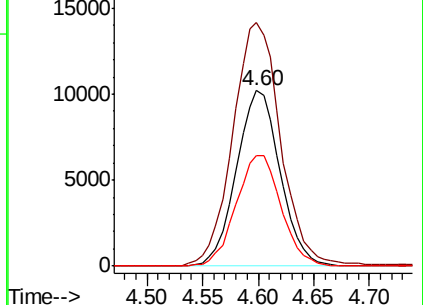
98 64.5 54.1 81.1

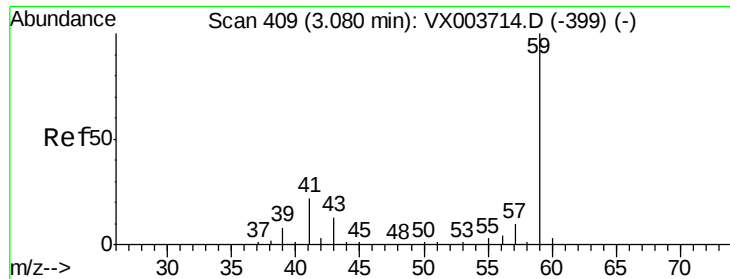


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



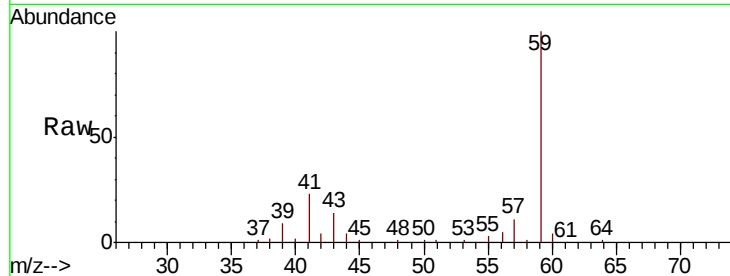


#23

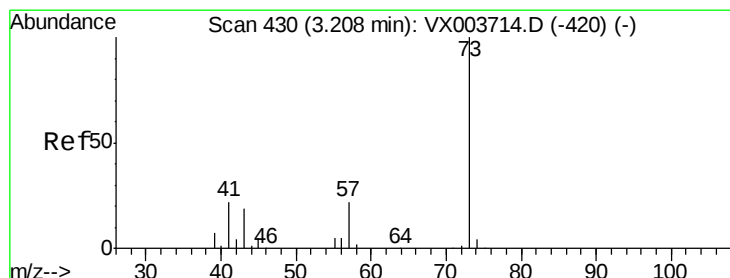
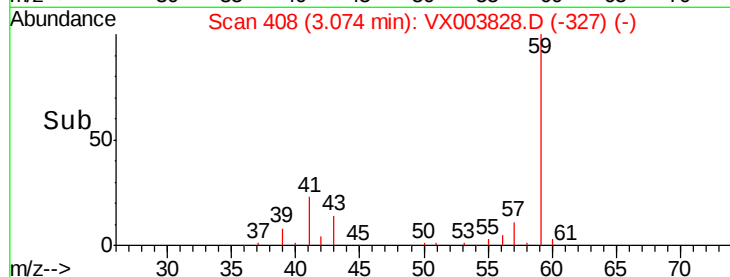
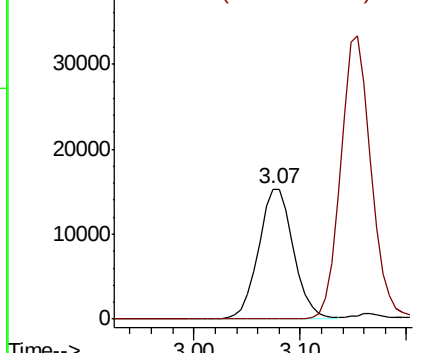
tert-Butyl Alcohol
 Concen: 90.46 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0802WBSD01

Tot Ion: 59 Resp: 35401
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.2#



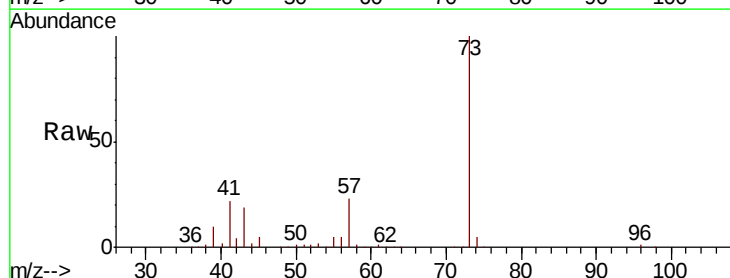
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0



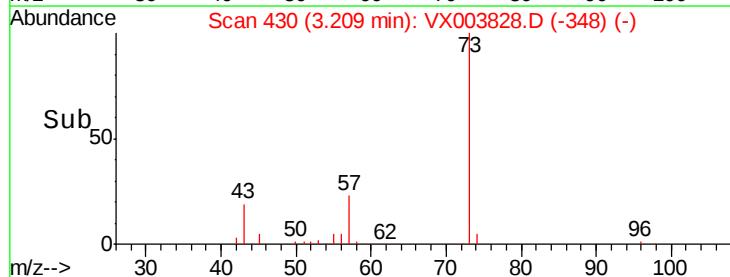
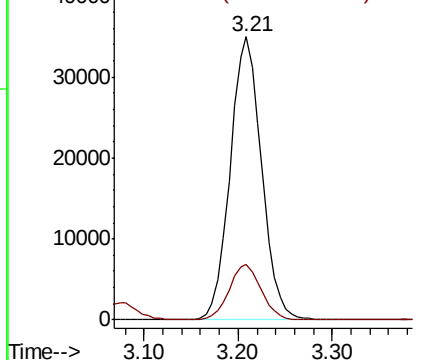
#24

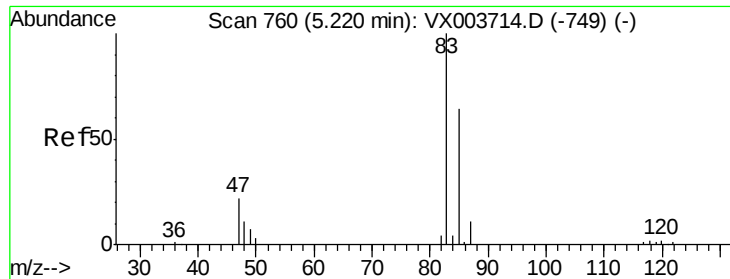
Methyl tert-Butyl Ether
 Concen: 17.68 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 73 Resp: 81050
 Ion Ratio Lower Upper
 73 100
 43 19.6 19.0 28.4



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0

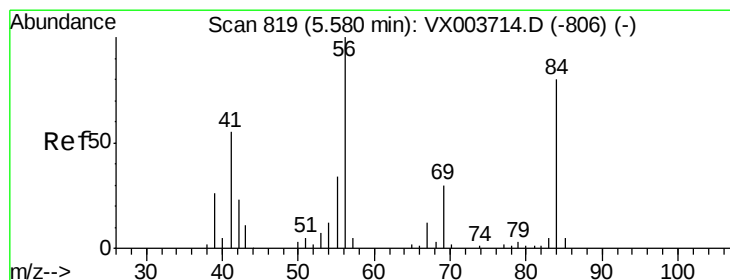
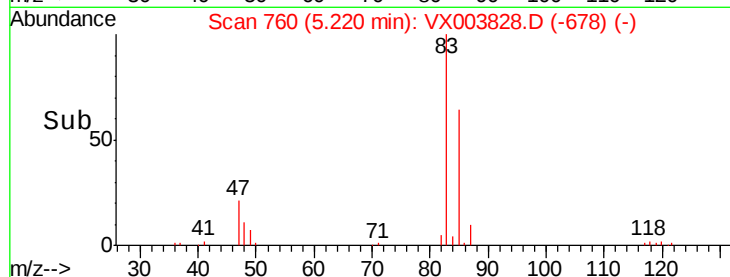
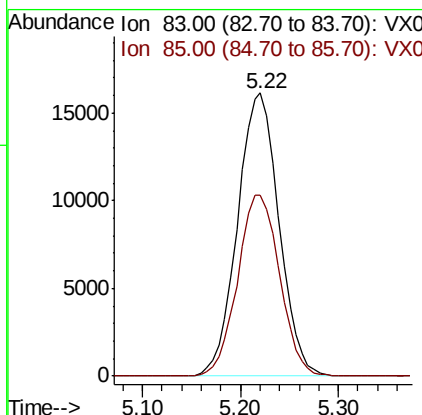
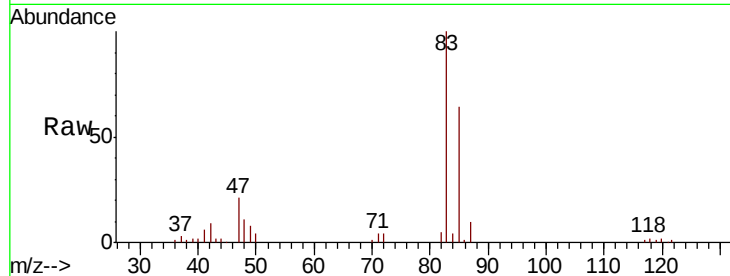




#25
Chloroform
Concen: 19.91 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

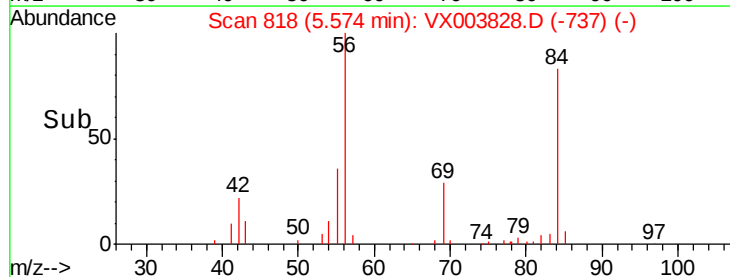
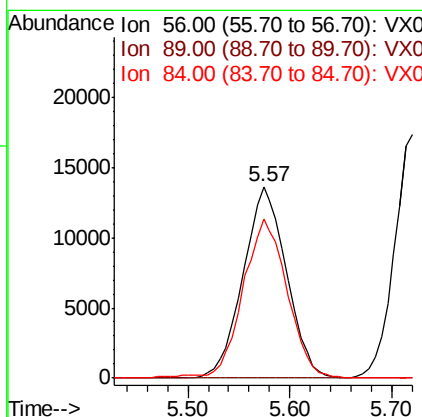
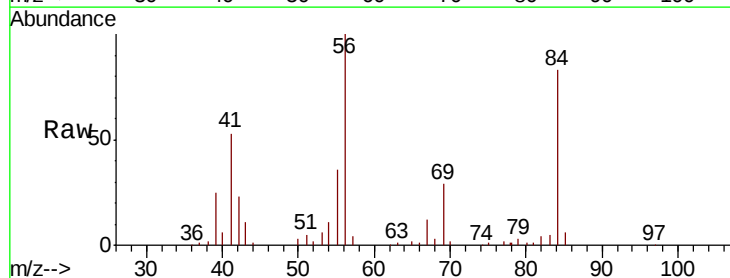
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

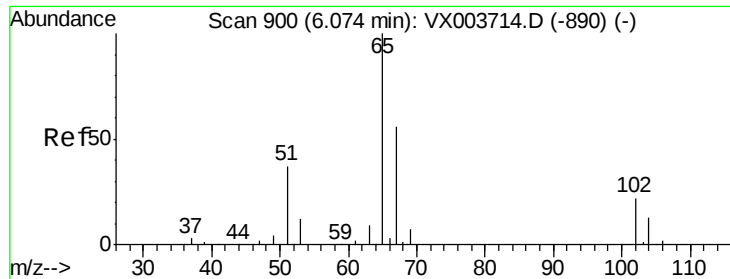
Tot Ion: 83 Resp: 47416
Ion Ratio Lower Upper
83 100
85 63.7 51.9 77.9



#26
Cyclohexane
Concen: 19.51 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 56 Resp: 40305
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.2 64.9 97.3

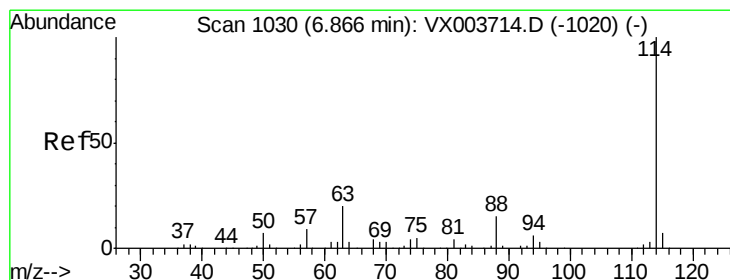
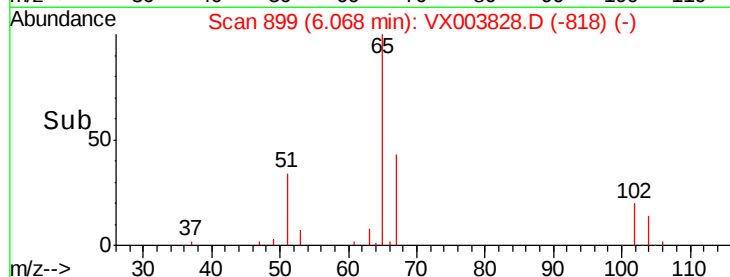
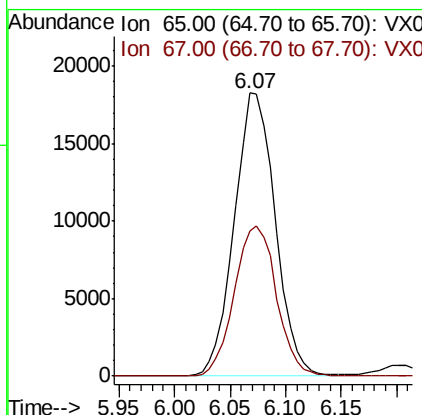
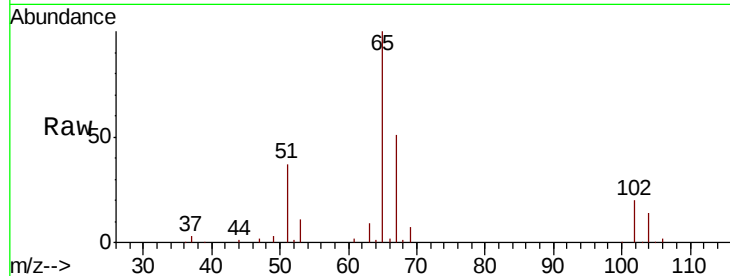




#27
 1,2-Dichloroethane-d4
 Concen: 28.65 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

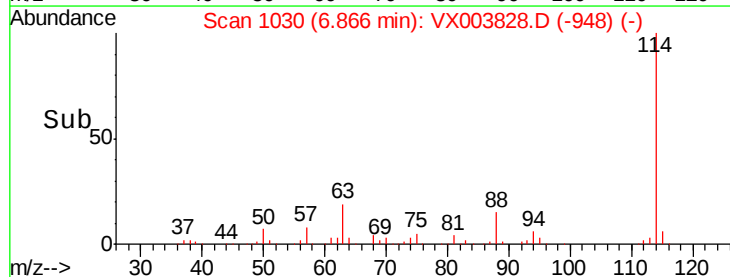
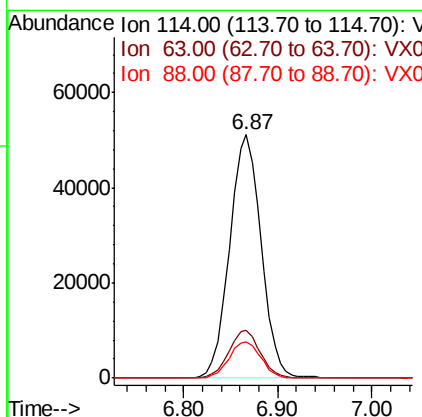
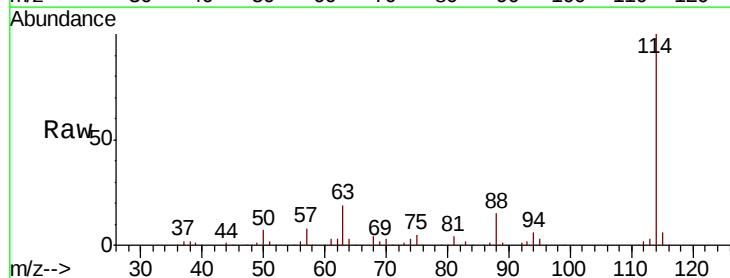
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

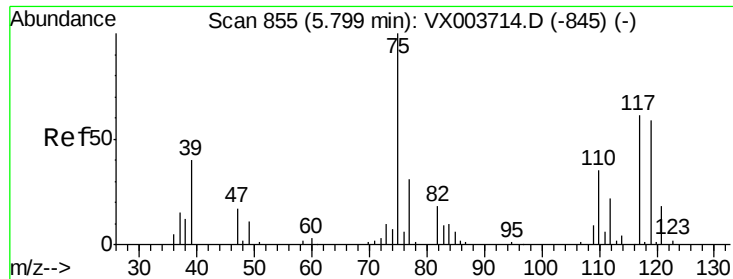
Tot Ion: 65 Resp: 46883
 Ion Ratio Lower Upper
 65 100
 67 54.4 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 114 Resp: 118542
 Ion Ratio Lower Upper
 114 100
 63 19.7 17.1 25.7
 88 15.2 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.70 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

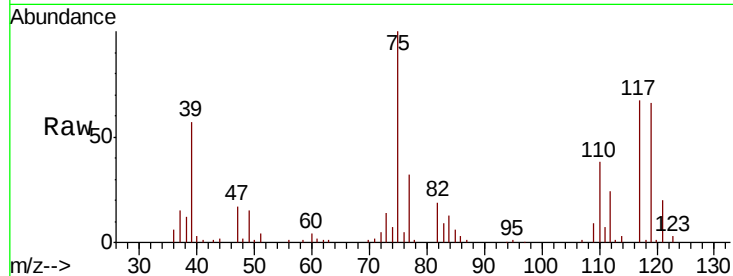
Tot Ion: 75 Resp: 34486

Ion Ratio Lower Upper

75 100

110 36.5 0.0 71.4

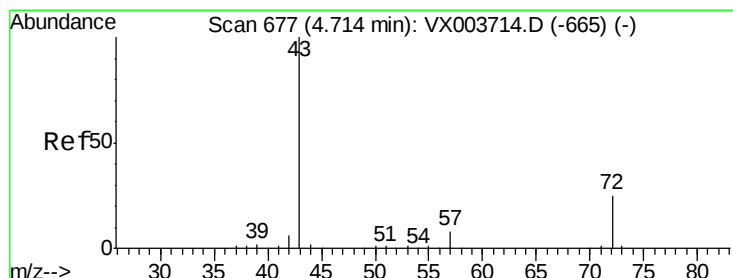
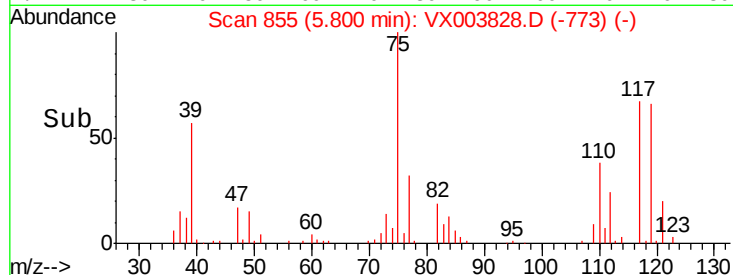
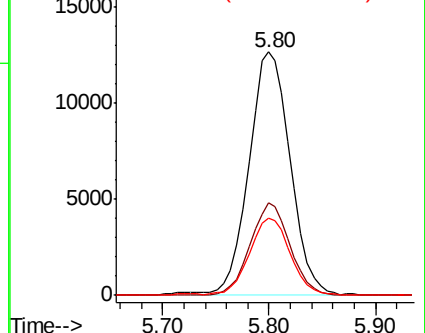
77 31.5 0.0 60.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 96.58 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

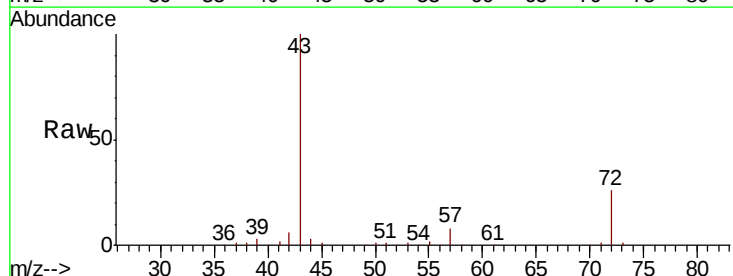
Tgt Ion: 43 Resp: 107970

Ion Ratio Lower Upper

43 100

57 8.2 6.1 9.1

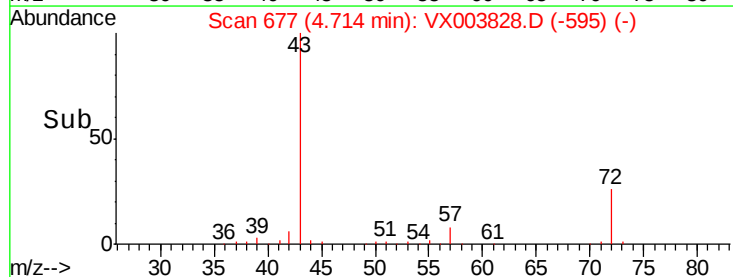
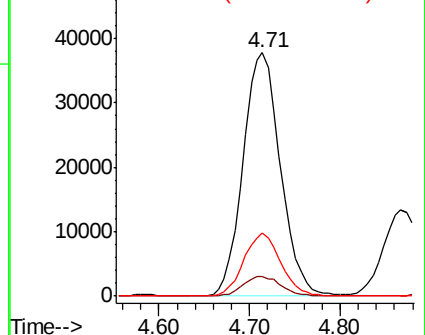
72 25.6 18.1 27.1

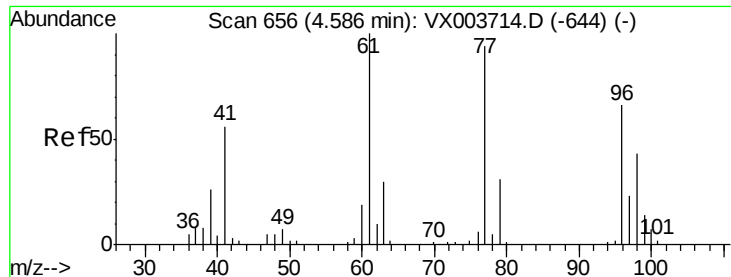


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

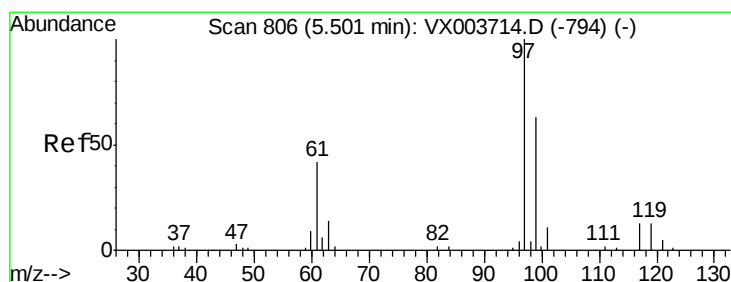
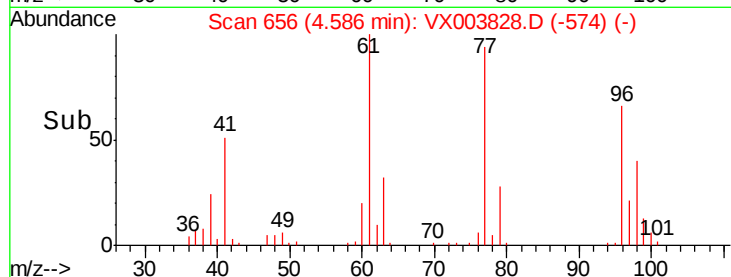
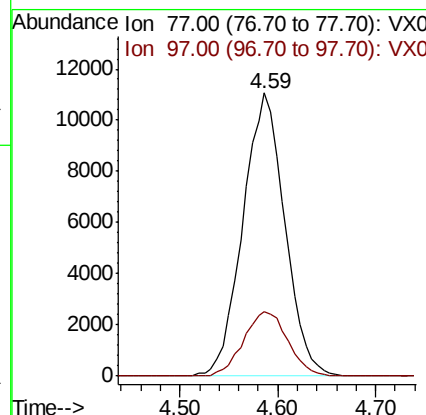
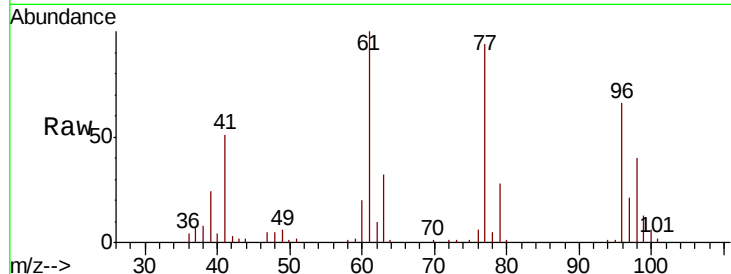




#31
 2,2-Dichloropropane
 Concen: 19.41 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

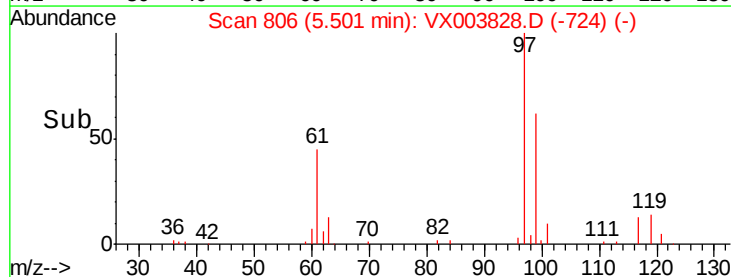
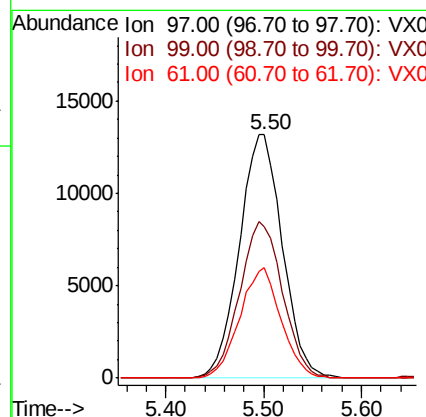
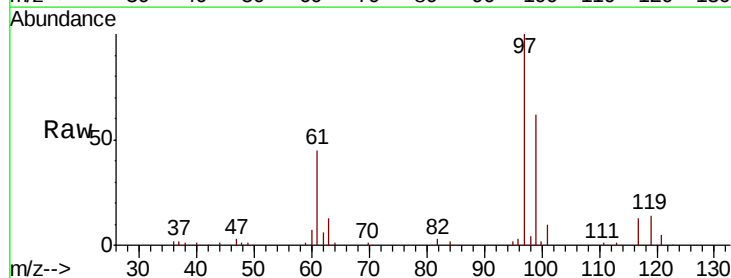
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

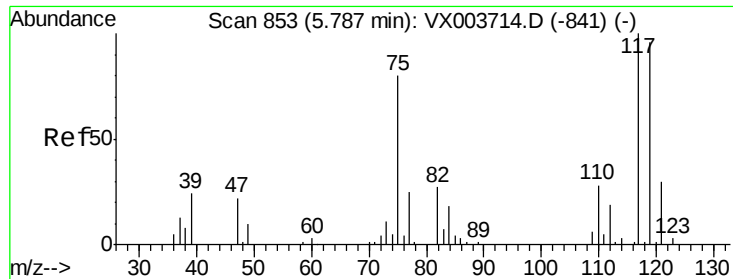
Tot Ion: 77 Resp: 32912
 Ion Ratio Lower Upper
 77 100
 97 23.9 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 20.09 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 97 Resp: 40243
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.7 77.5
 61 43.6 36.4 54.6

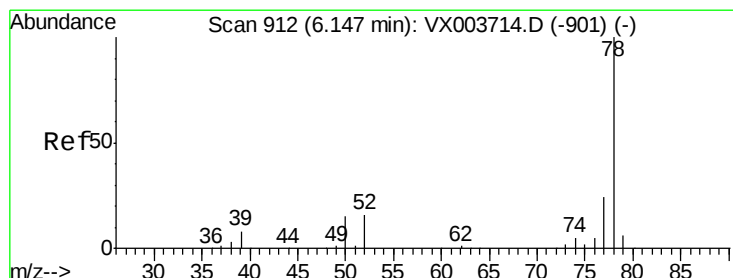
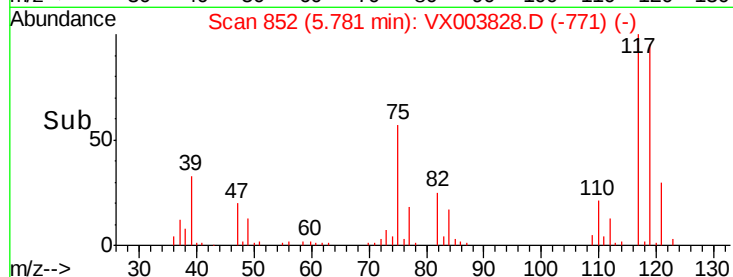
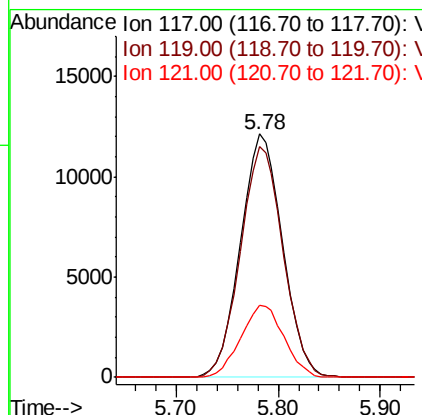
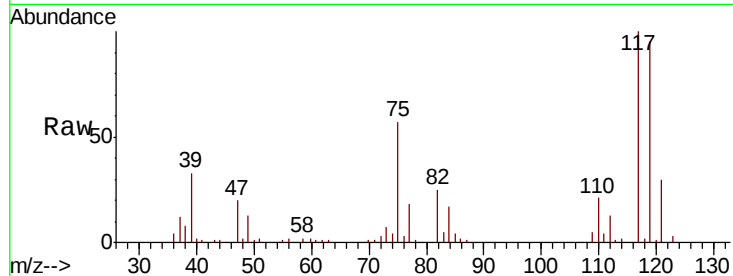




#33
Carbon Tetrachloride
Concen: 19.99 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

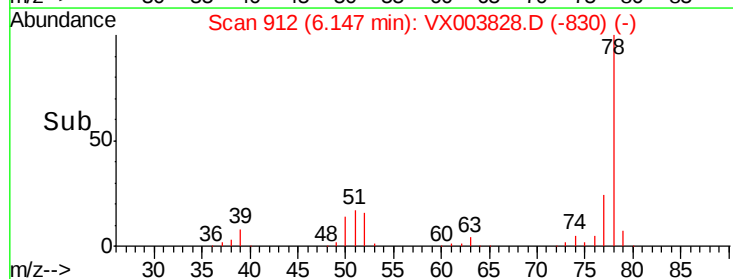
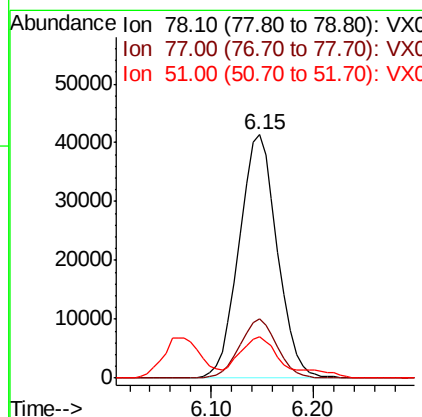
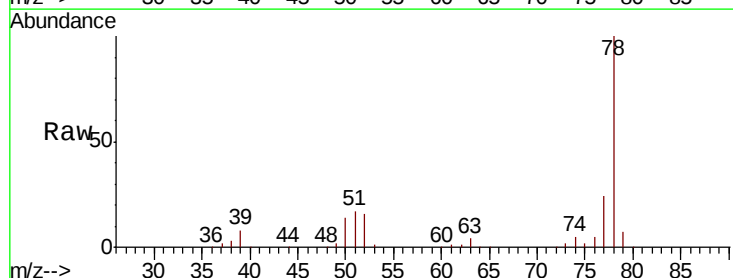
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

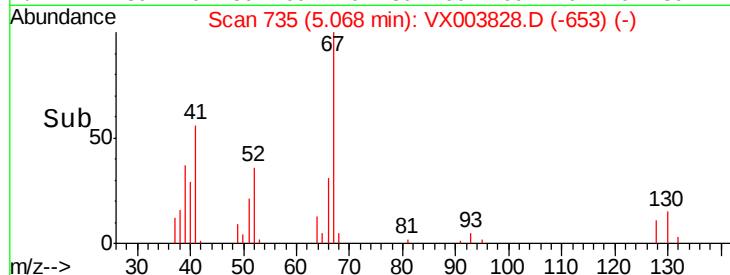
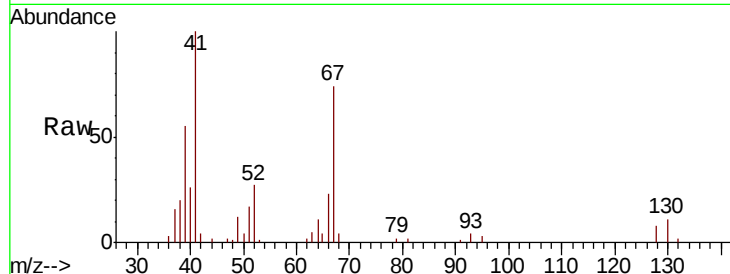
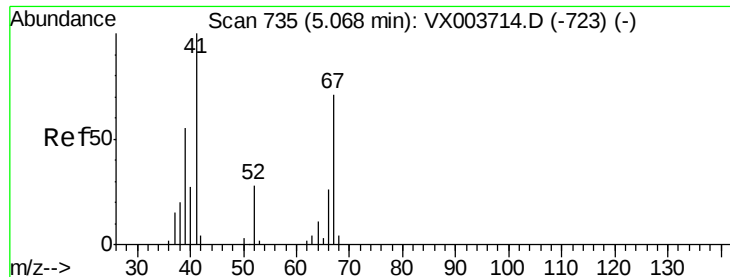
Tot Ion:117 Resp: 34783
Ion Ratio Lower Upper
117 100
119 94.6 73.3 109.9
121 29.7 23.6 35.4



#34
Benzene
Concen: 19.94 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 78 Resp: 107230
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0
51 15.9 13.8 20.6

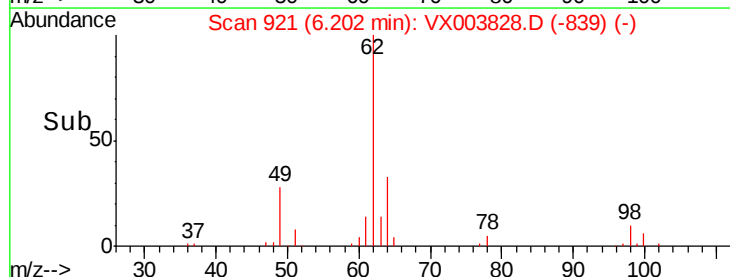
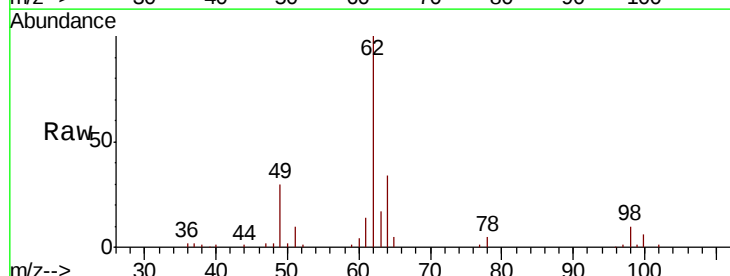
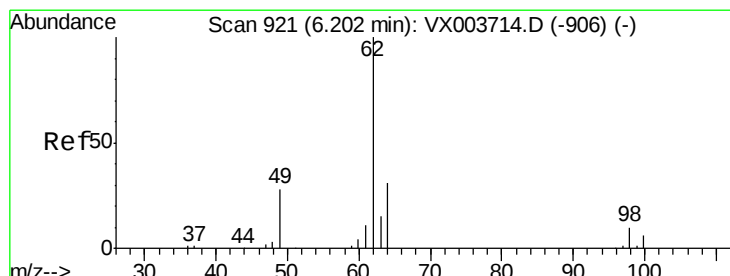
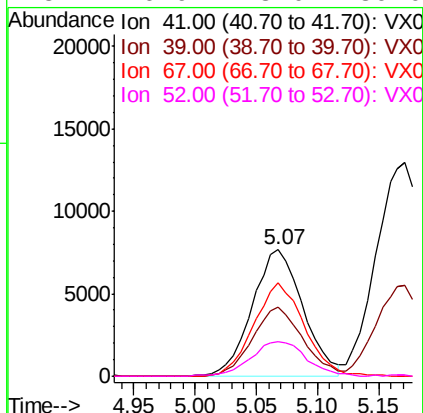




#35
Methacrylonitrile
Concen: 19.12 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

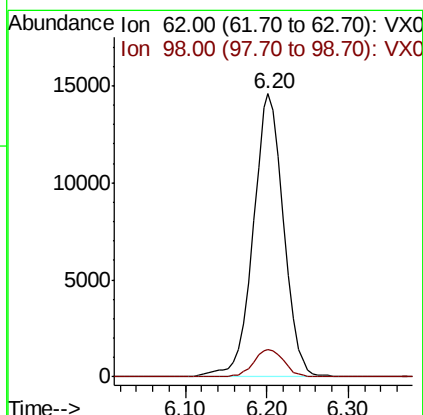
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

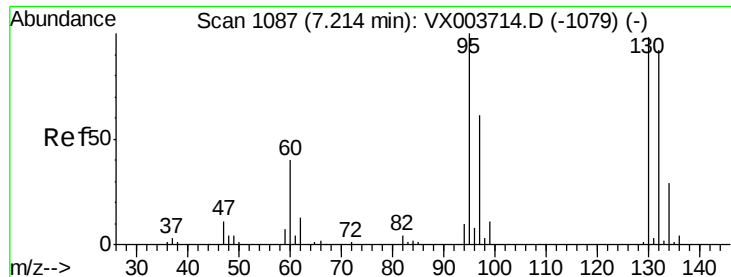
Tot Ion:	41	Resp:	22209
Ion	Ratio	Lower	Upper
41	100		
39	54.8	28.8	86.5
67	74.2	30.4	91.2
52	26.9	13.0	39.0



#36
1,2-Dichloroethane
Concen: 19.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion:	62	Resp:	37888
Ion	Ratio	Lower	Upper
62	100		
98	9.7	6.5	9.7

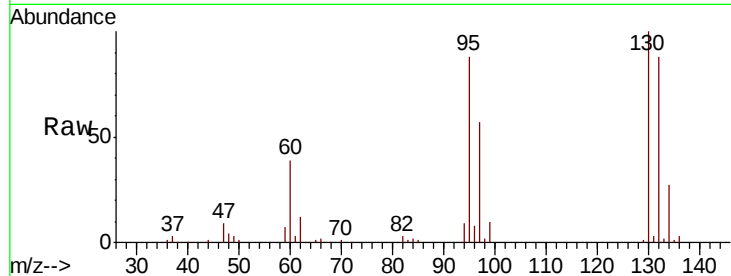




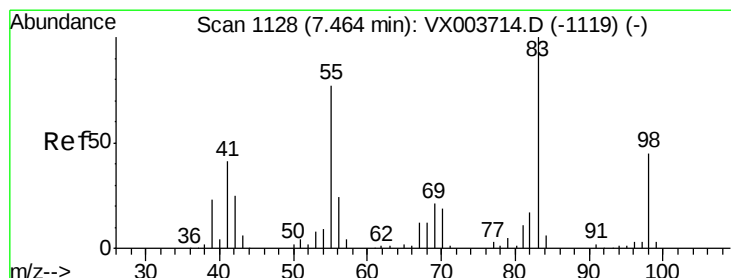
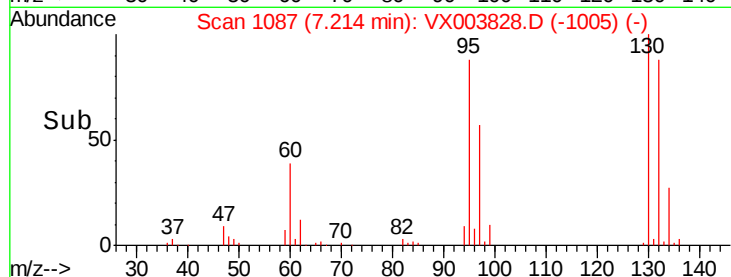
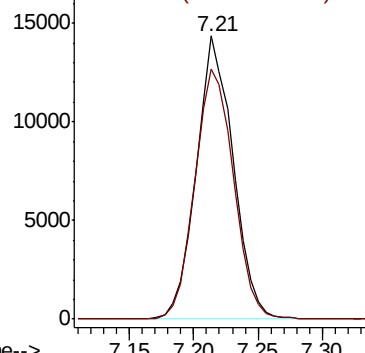
#37
 Trichloroethene
 Concen: 20.27 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion:130 Resp: 28411
 Ion Ratio Lower Upper
 130 100
 95 88.2 81.5 122.3

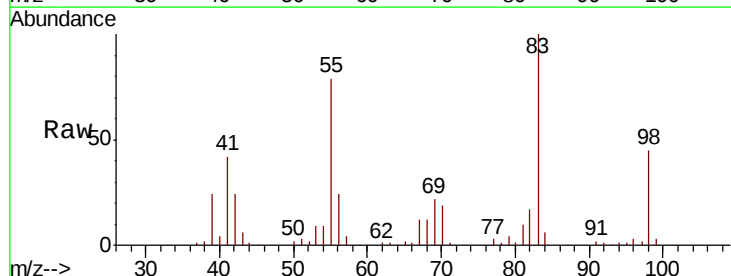


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

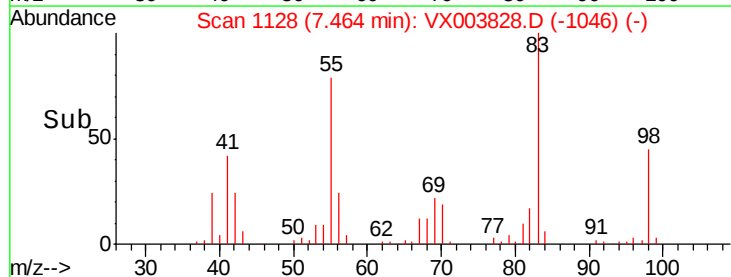
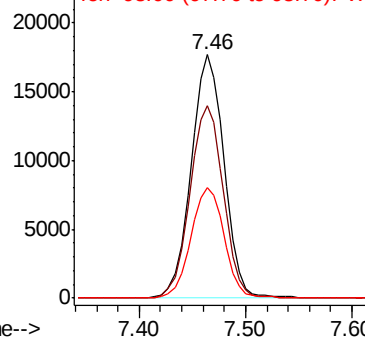


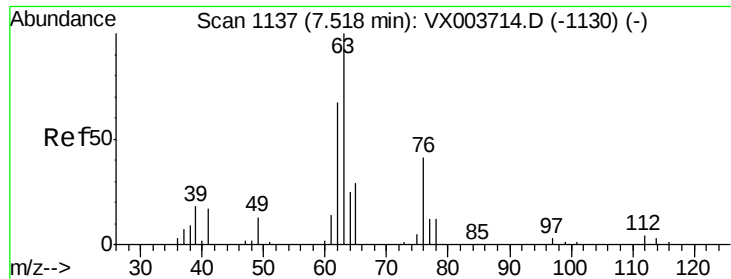
#38
 Methylcyclohexane
 Concen: 19.31 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 83 Resp: 38405
 Ion Ratio Lower Upper
 83 100
 55 80.0 40.6 121.8
 98 46.0 23.5 70.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

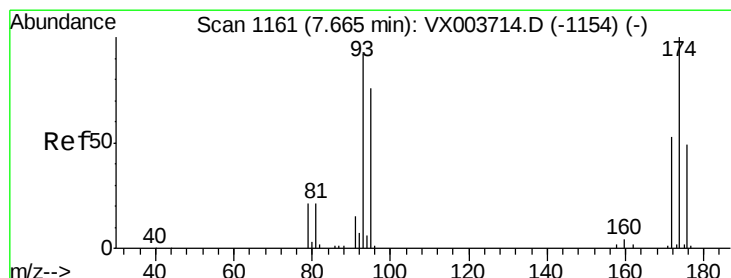
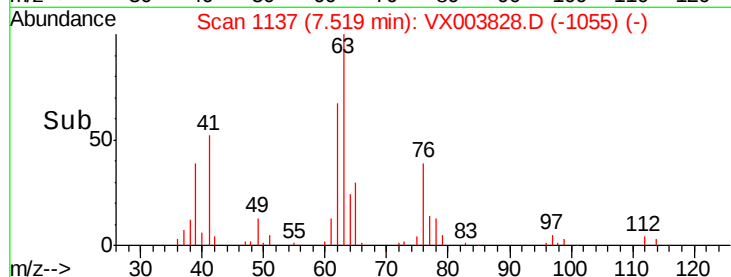
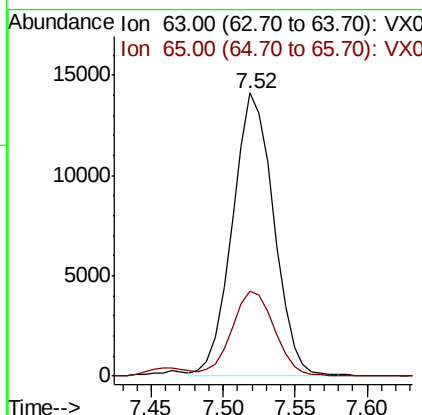
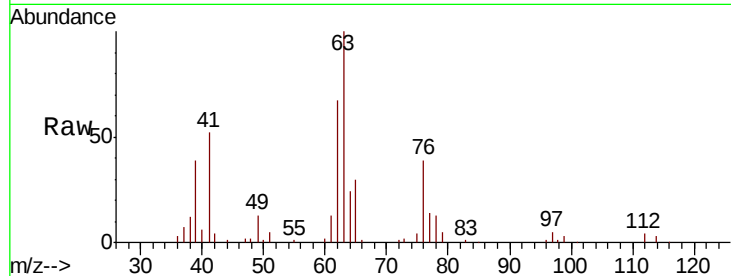




#39
 1,2-Dichloropropane
 Concen: 19.87 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

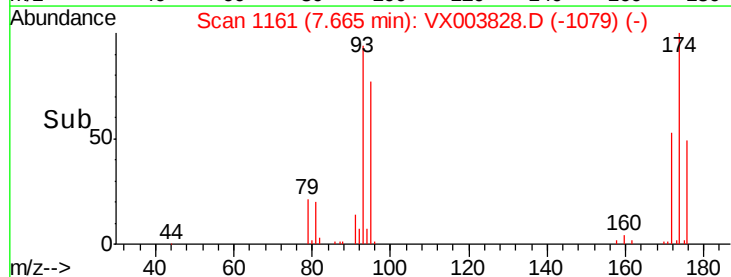
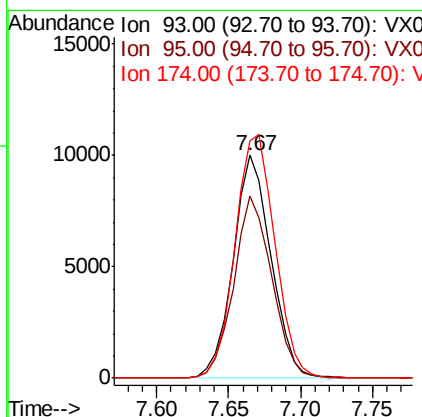
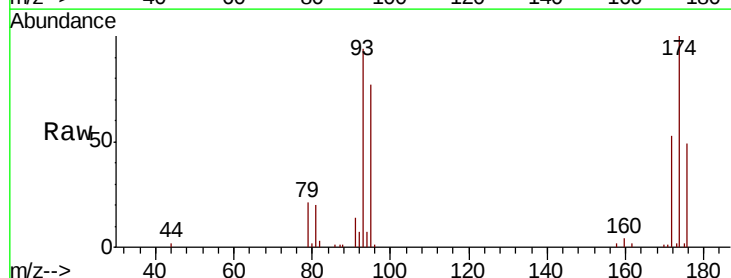
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

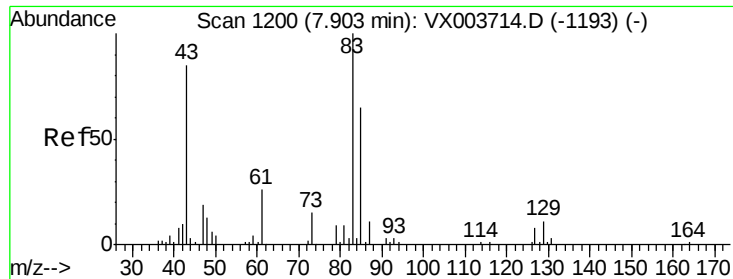
Tot Ion: 63 Resp: 28239
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.3 34.9



#40
 Dibromomethane
 Concen: 19.88 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 93 Resp: 18281
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 162.6
 174 115.2 0.0 229.4





#41

Bromodichloromethane

Concen: 19.31 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

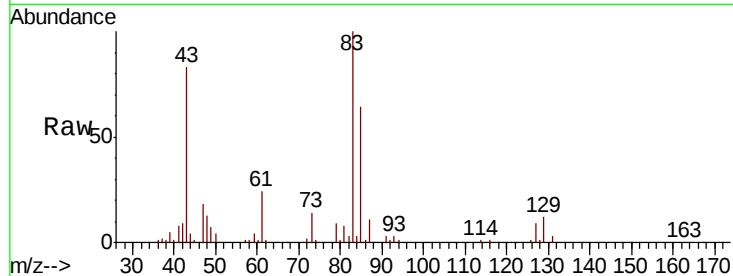
Tot Ion: 83 Resp: 33940

Ion Ratio Lower Upper

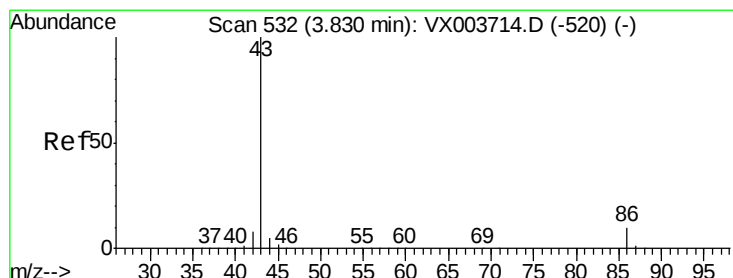
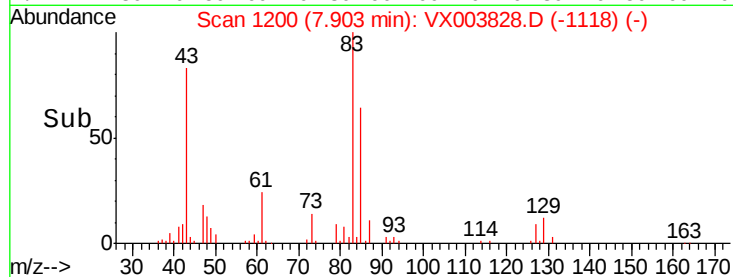
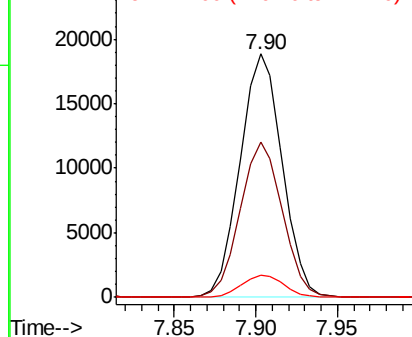
83 100

85 64.0 49.8 74.8

127 9.3 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: 81.75 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003828.D

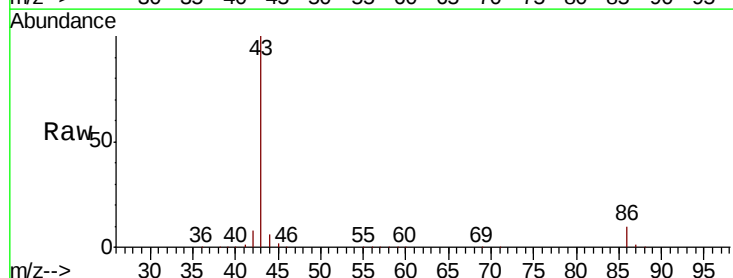
Acq: 02 Aug 2018 16:31

Tgt Ion: 43 Resp: 351155

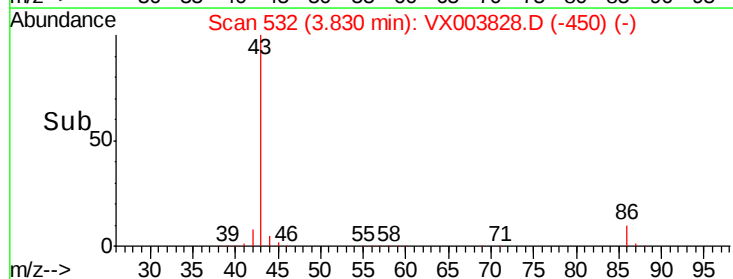
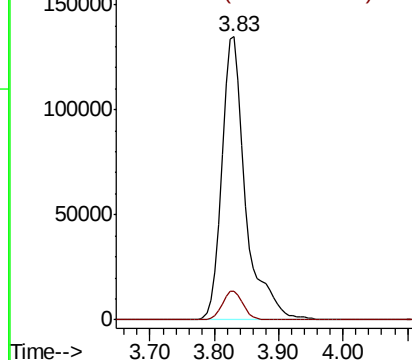
Ion Ratio Lower Upper

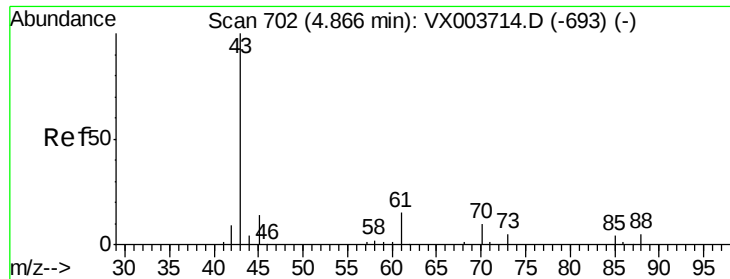
43 100

86 8.8 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: 19.09 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

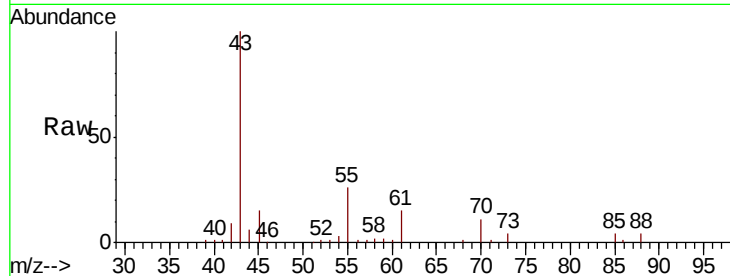
VX0802WBSD01

Tot Ion: 43 Resp: 39869

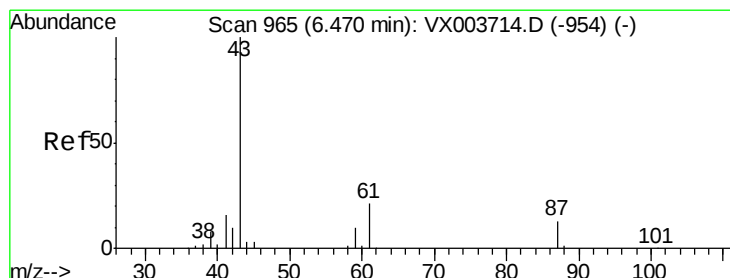
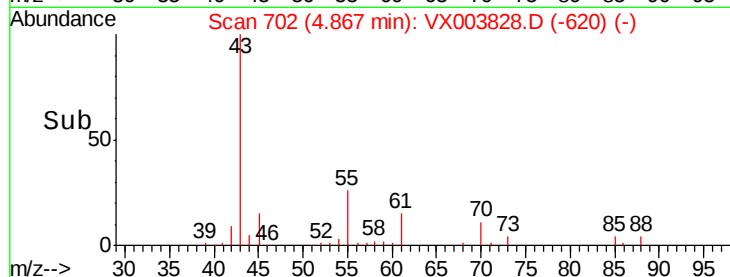
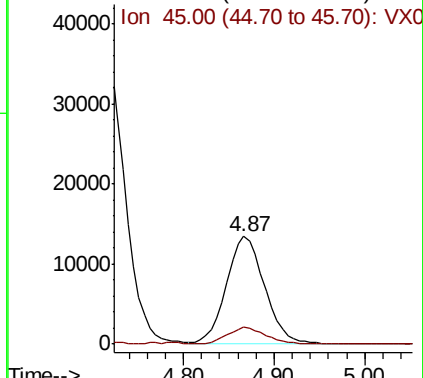
Ion Ratio Lower Upper

43 100

45 15.5 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0



#44

Isopropyl Acetate

Concen: 18.99 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003828.D

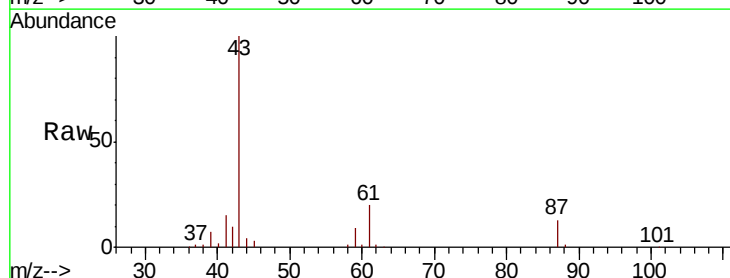
Acq: 02 Aug 2018 16:31

Tgt Ion: 43 Resp: 60831

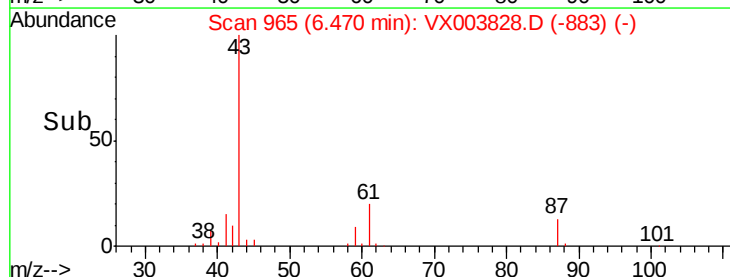
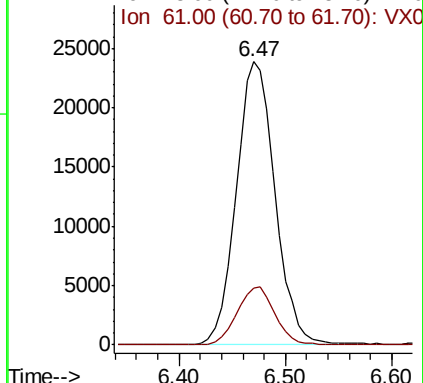
Ion Ratio Lower Upper

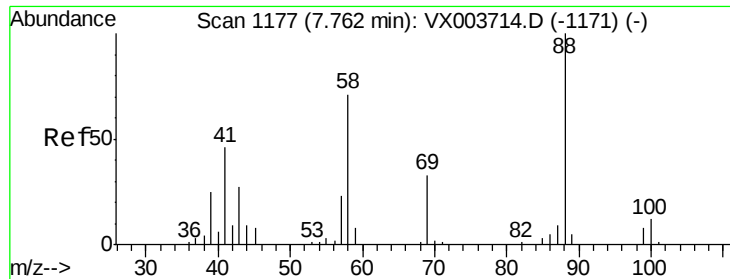
43 100

61 20.1 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

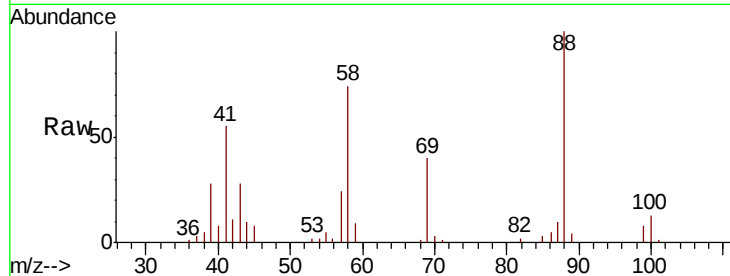




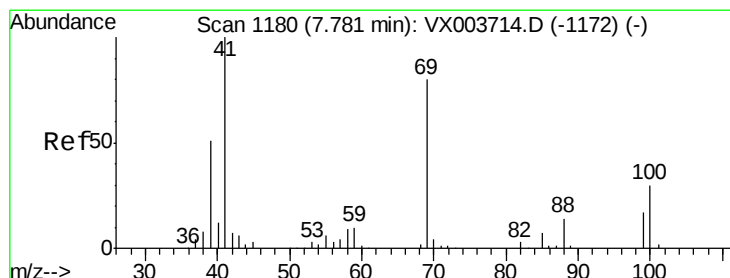
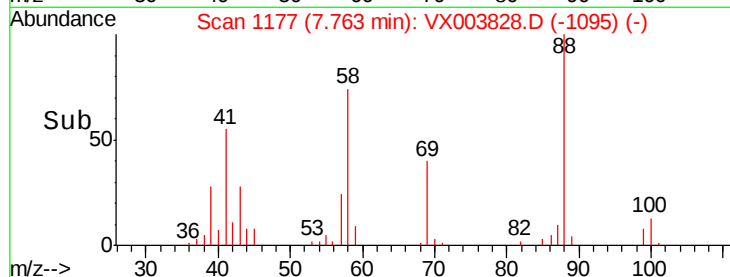
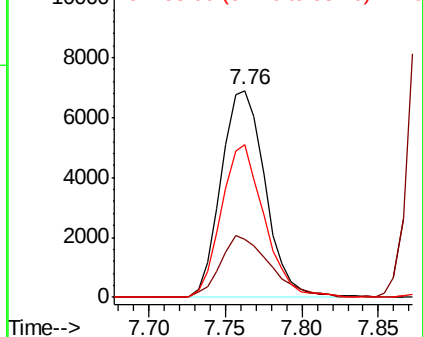
#45
 1,4-Dioxane
 Concen: 388.04 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion: 88 Resp: 13802
 Ion Ratio Lower Upper
 88 100
 43 33.4 43.2 64.8#
 58 71.7 60.2 90.2

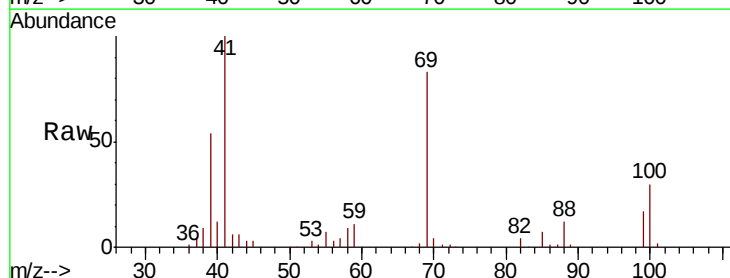


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

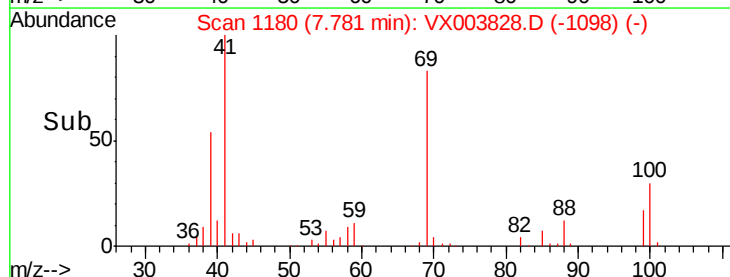
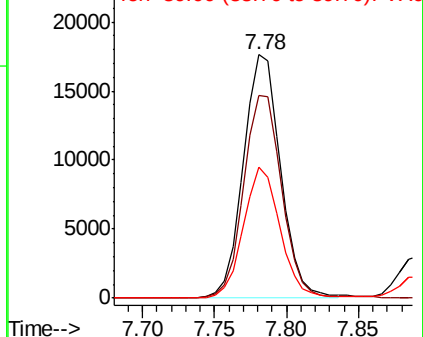


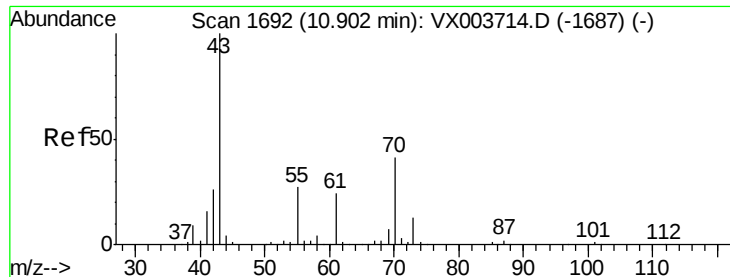
#46
 Methyl methacrylate
 Concen: 19.15 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 41 Resp: 31640
 Ion Ratio Lower Upper
 41 100
 69 83.3 37.0 110.9
 39 53.7 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

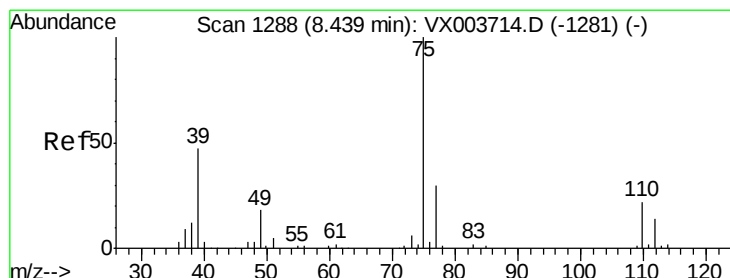
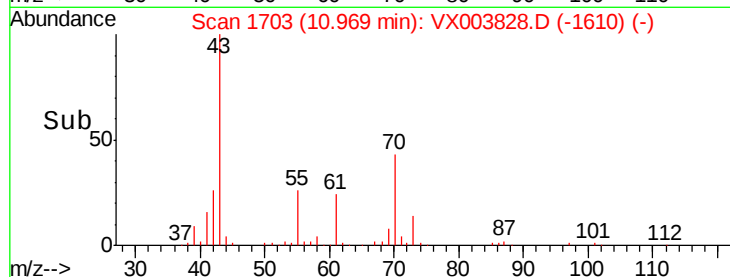
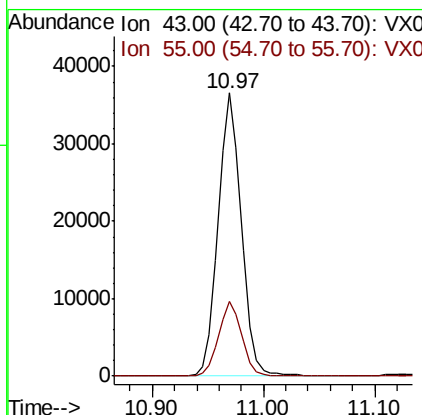
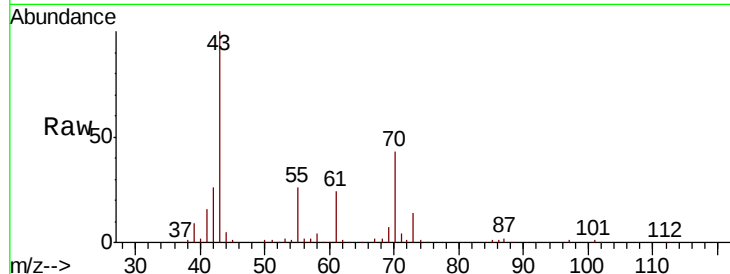




#47
n-amvl Acetate
Concen: 17.47 ug/l
RT: 10.97 min Scan# 1703
Delta R.T. 0.07 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

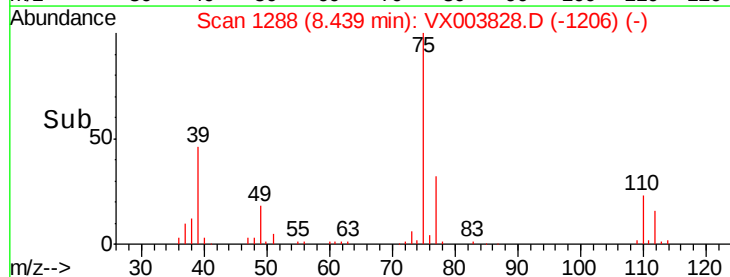
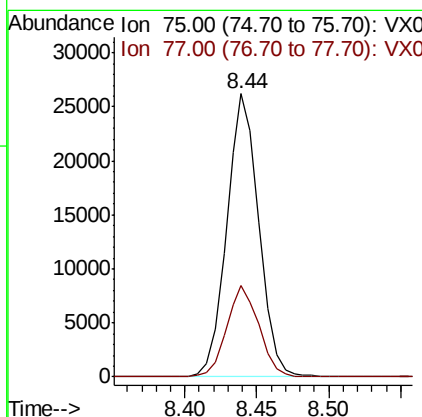
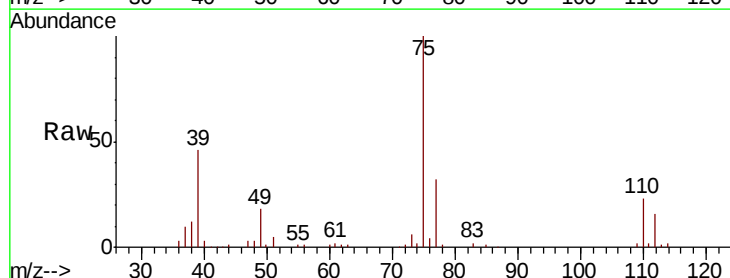
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

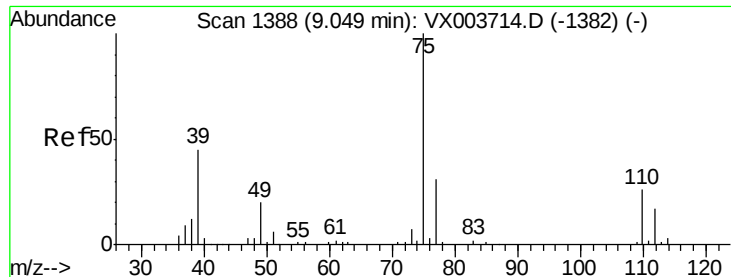
Tot Ion: 43 Resp: 52813
Ion Ratio Lower Upper
43 100
55 26.5 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 19.08 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 75 Resp: 40691
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4

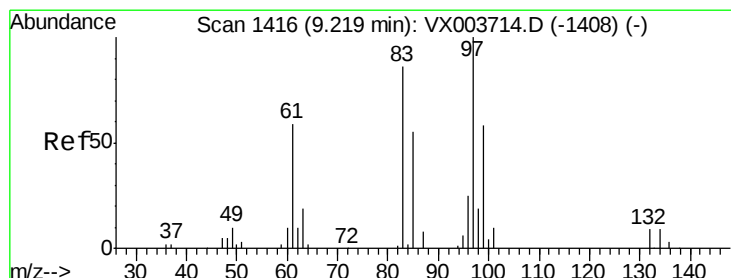
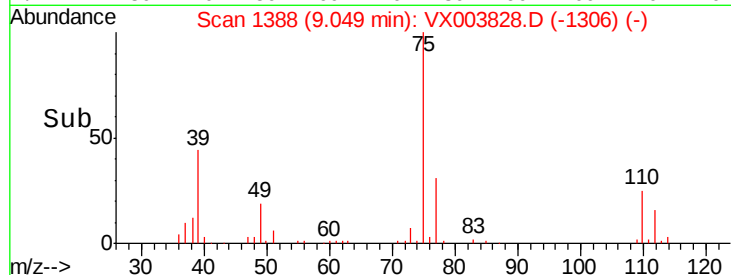
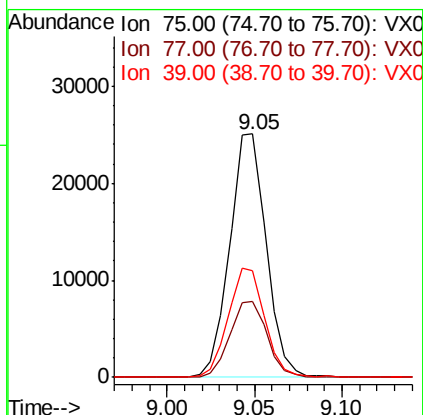
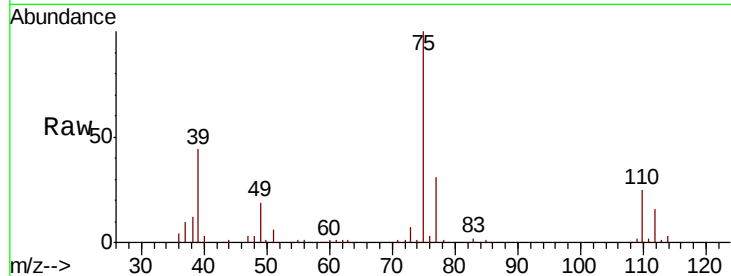




#49
 cis-1,3-Dichloropropene
 Concen: 18.21 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

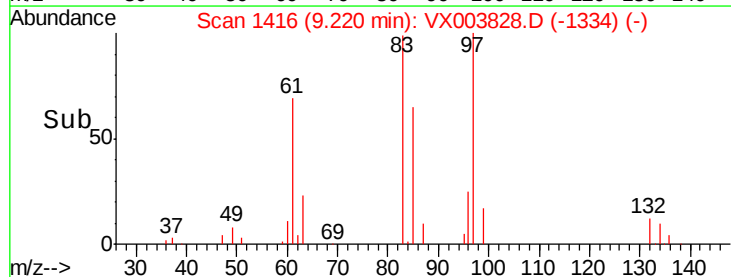
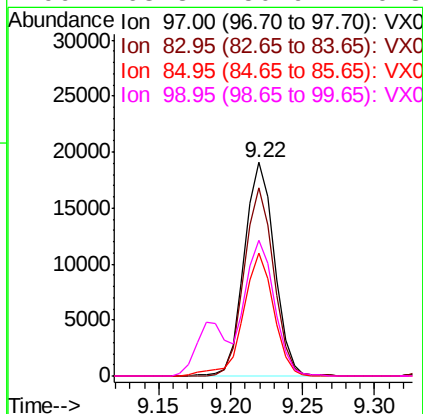
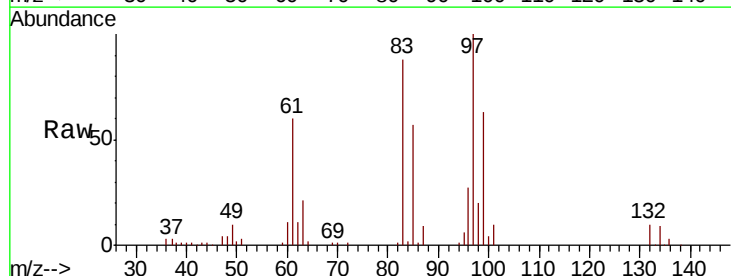
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

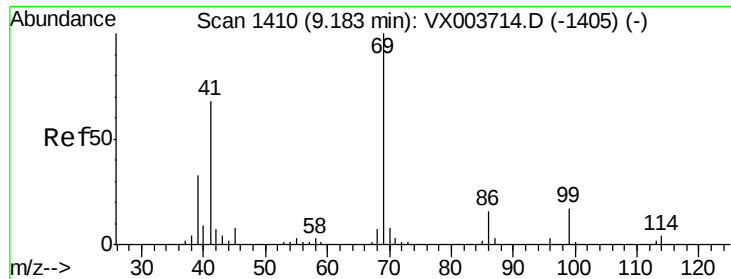
Tot Ion: 75 Resp: 36425
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2
 39 43.5 42.3 63.5



#50
 1,1,2-Trichloroethane
 Concen: 18.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 97 Resp: 27730
 Ion Ratio Lower Upper
 97 100
 83 88.1 70.8 106.2
 85 57.3 43.5 65.3
 99 63.3 50.9 76.3





#51

Ethyl methacrylate

Concen: 17.60 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

VX0802WBSD01

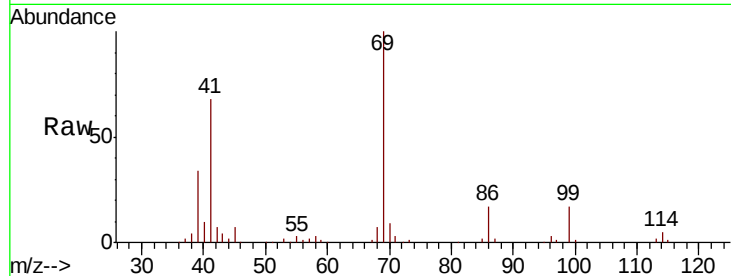
Tot Ion: 69 Resp: 38699

Ion Ratio Lower Upper

69 100

41 67.5 39.1 117.3

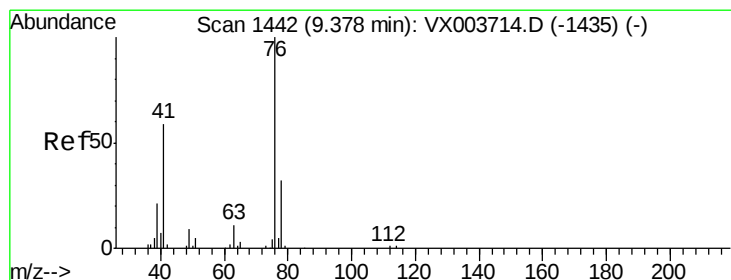
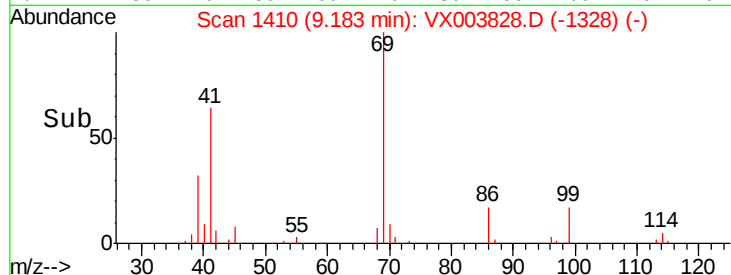
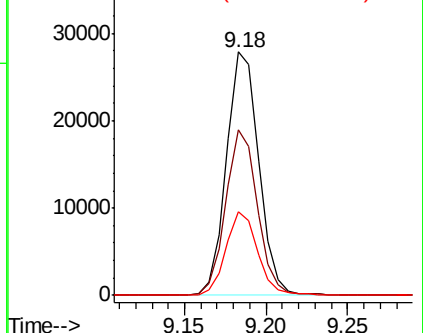
39 33.9 21.7 65.1



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: 18.95 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003828.D

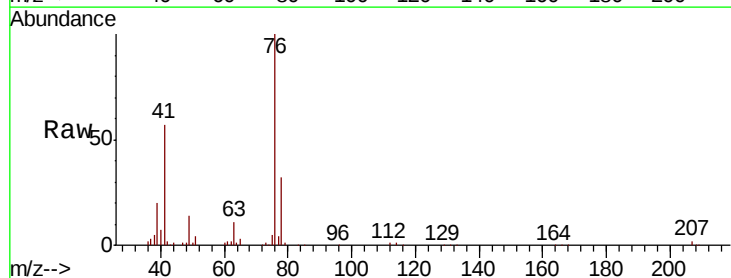
Acq: 02 Aug 2018 16:31

Tgt Ion: 76 Resp: 46036

Ion Ratio Lower Upper

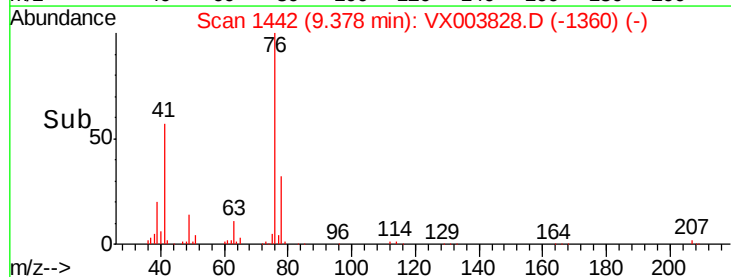
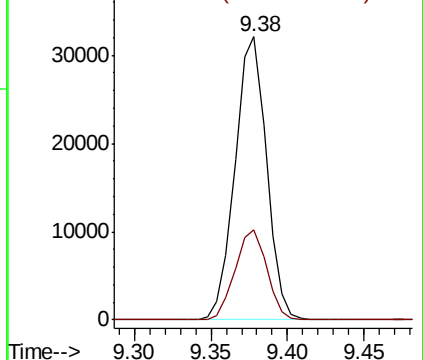
76 100

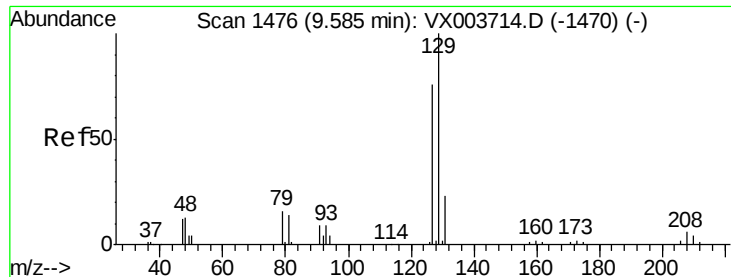
78 32.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.85 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

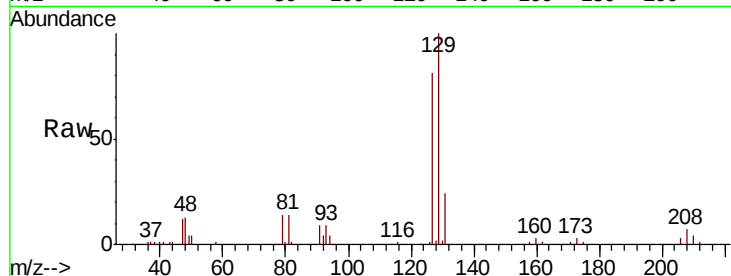
VX0802WBSD01

Tot Ion:129 Resp: 27040

Ion Ratio Lower Upper

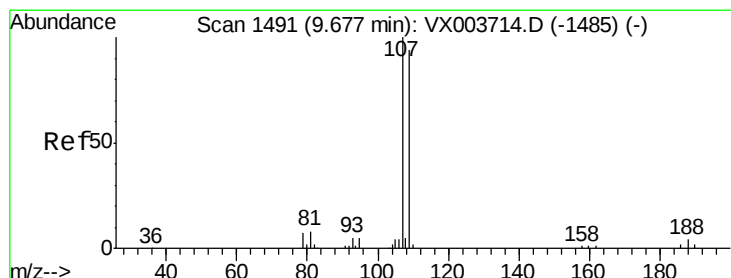
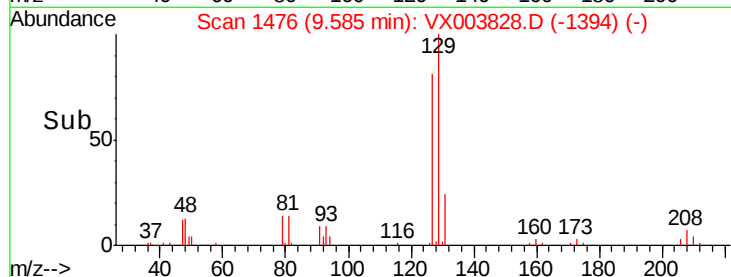
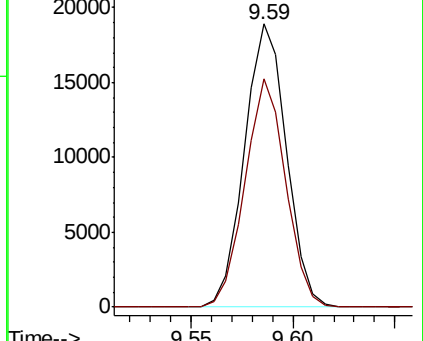
129 100

127 78.3 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: 18.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003828.D

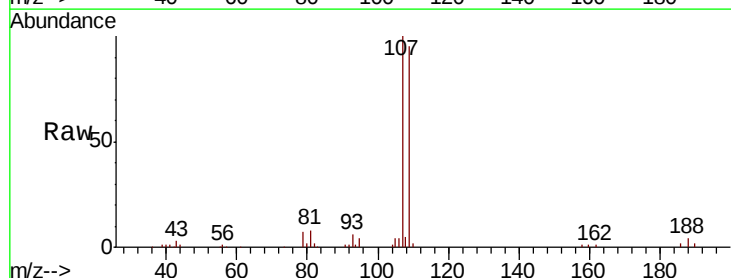
Acq: 02 Aug 2018 16:31

Tgt Ion:107 Resp: 28898

Ion Ratio Lower Upper

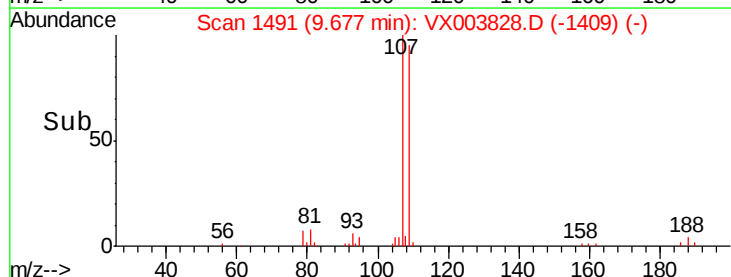
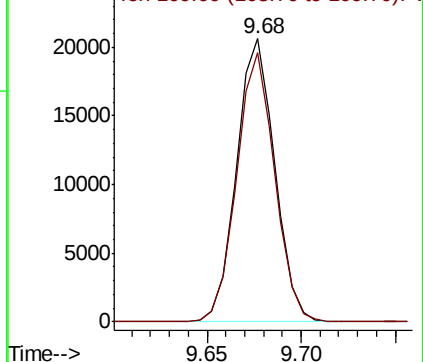
107 100

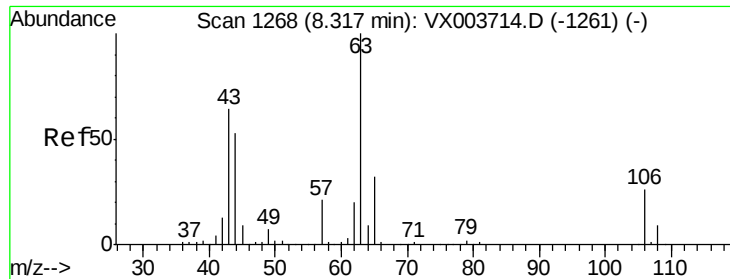
109 94.8 75.5 113.3



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: 90.29 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

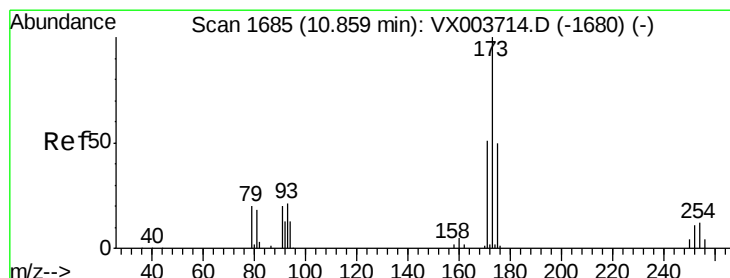
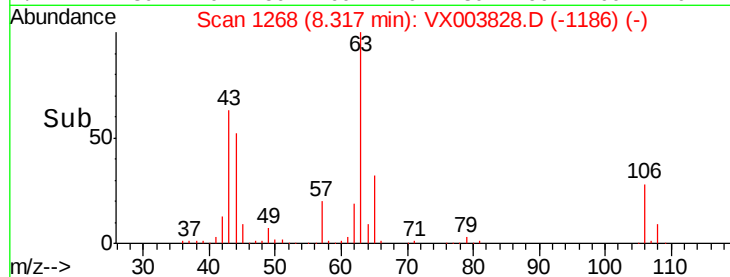
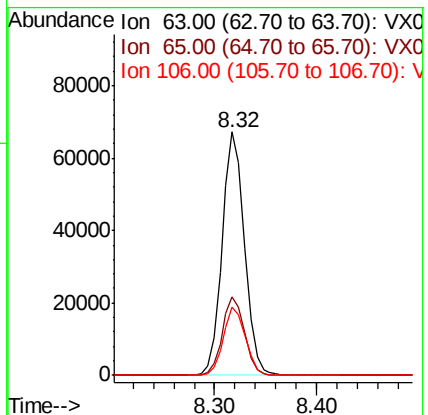
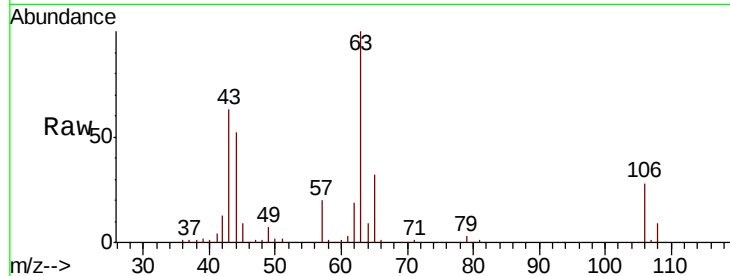
Tot Ion: 63 Resp: 102383

Ion Ratio Lower Upper

63 100

65 32.1 25.6 38.4

106 27.6 21.6 32.4



#56

Bromoform

Concen: 18.45 ug/l

RT: 10.91 min Scan# 1694

Delta R.T. 0.06 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

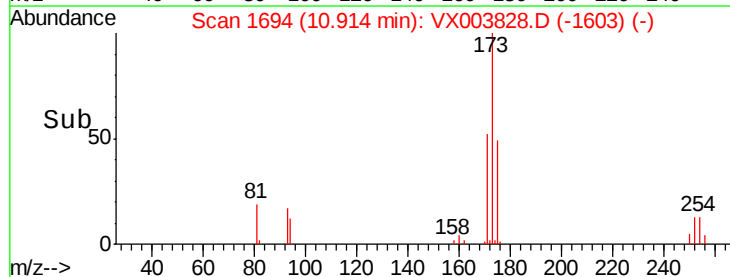
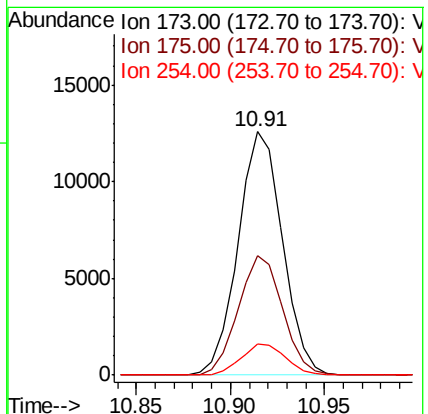
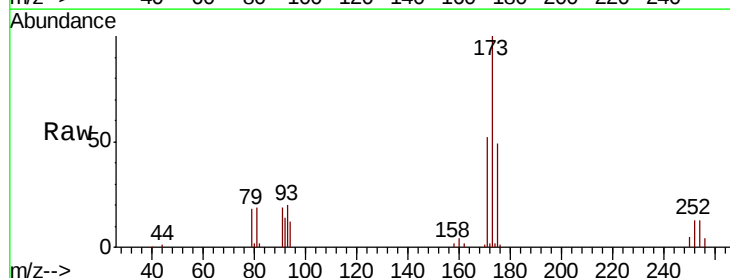
Tgt Ion: 173 Resp: 20530

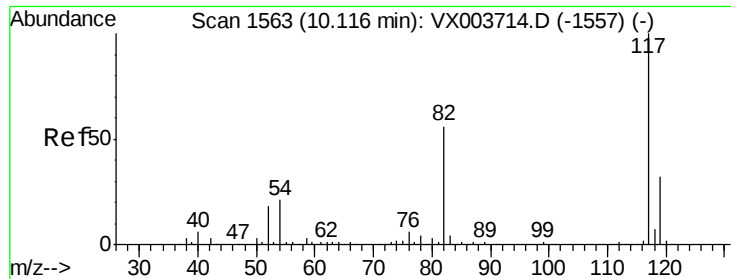
Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.4

254 12.6 9.6 14.4

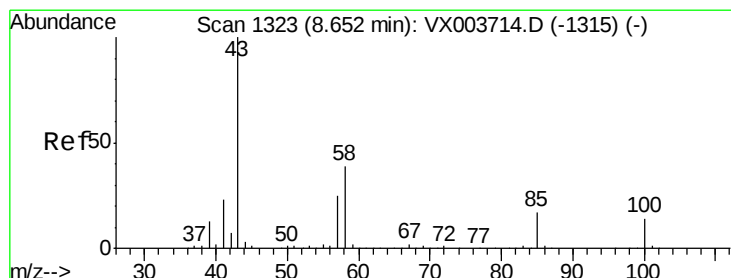
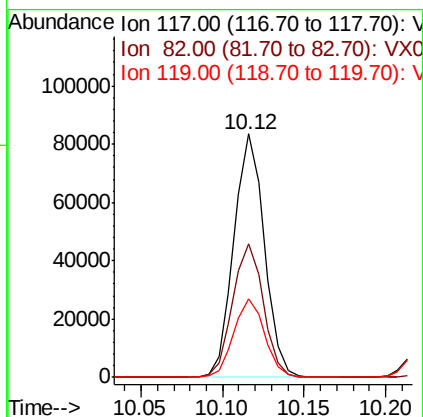
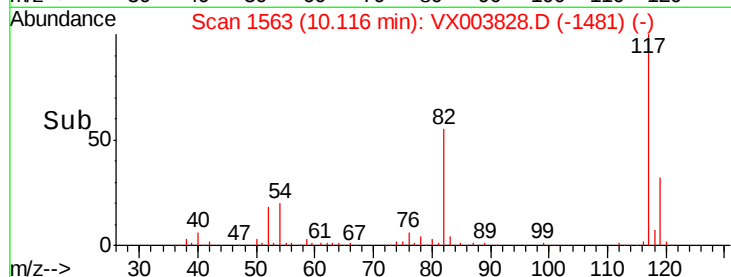
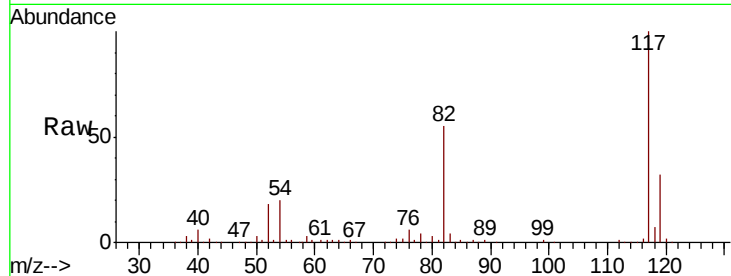




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

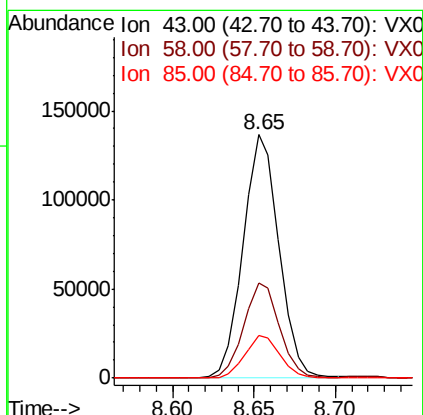
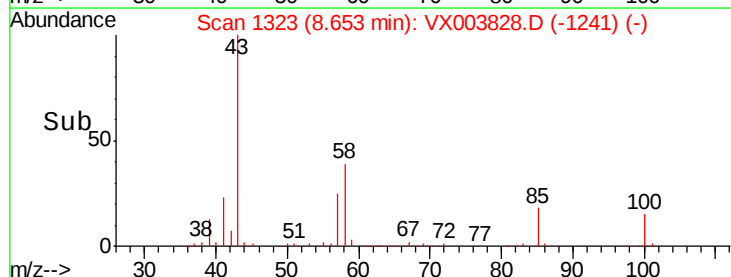
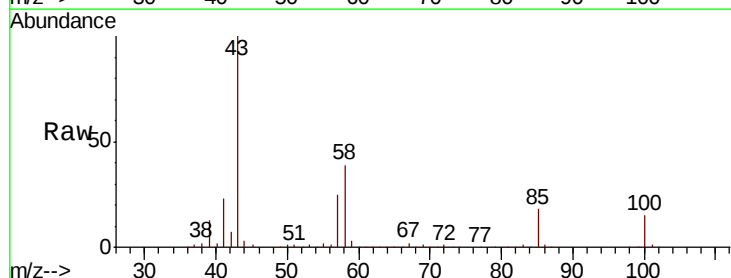
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

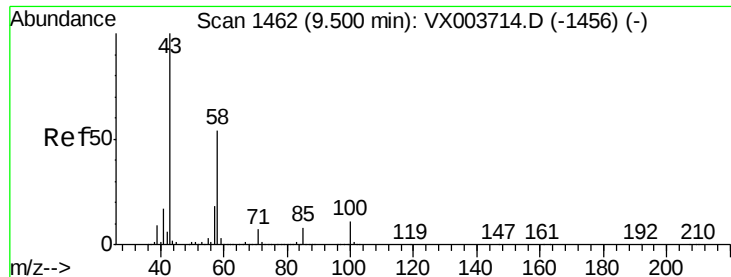
Tot Ion:117 Resp: 109232
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 32.6 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 101.33 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 43 Resp: 208988
Ion Ratio Lower Upper
43 100
58 39.1 28.2 42.4
85 17.4 12.4 18.6

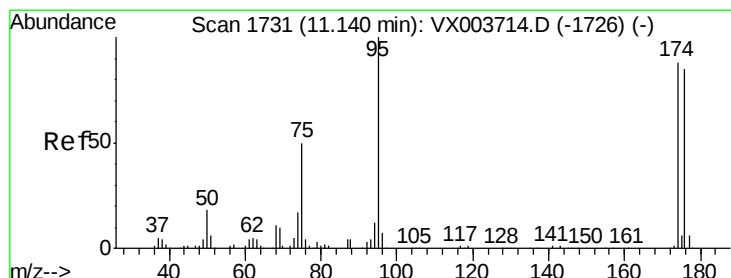
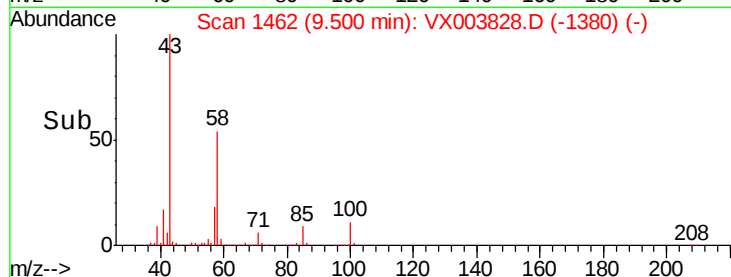
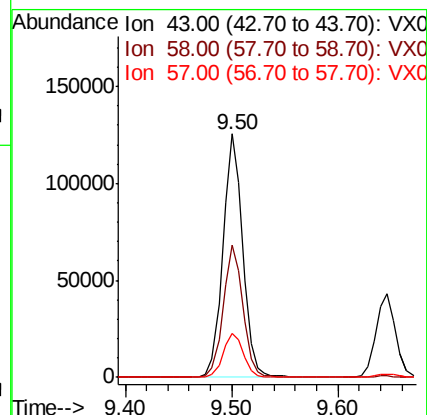
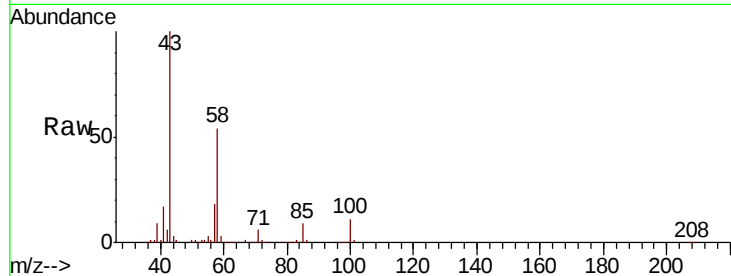




#59
2-Hexanone
Concen: 98.92 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

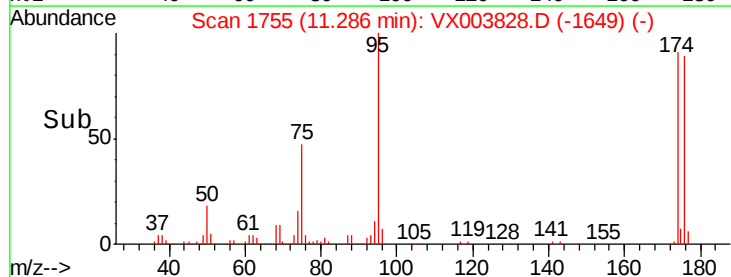
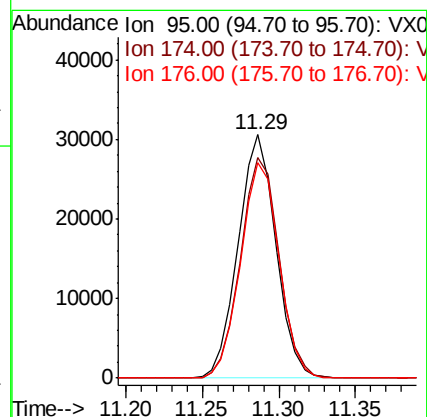
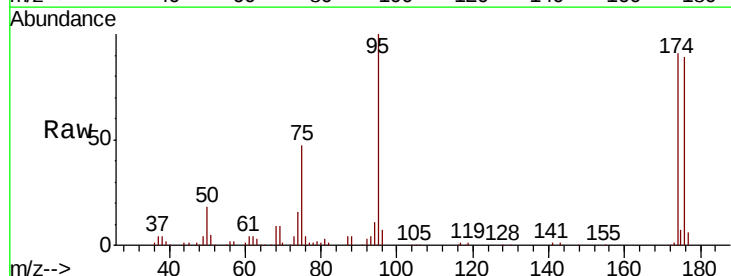
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

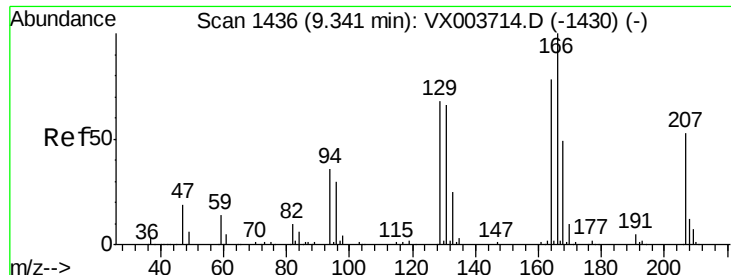
Tot Ion: 43 Resp: 162452
Ion Ratio Lower Upper
43 100
58 54.1 39.6 59.4
57 18.6 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.83 ug/l
RT: 11.29 min Scan# 1755
Delta R.T. 0.15 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 95 Resp: 52459
Ion Ratio Lower Upper
95 100
174 93.0 71.8 107.6
176 90.2 70.1 105.1

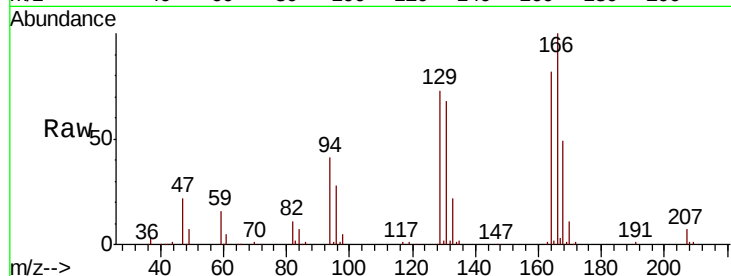




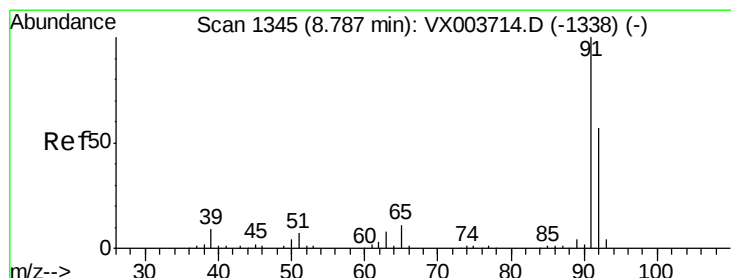
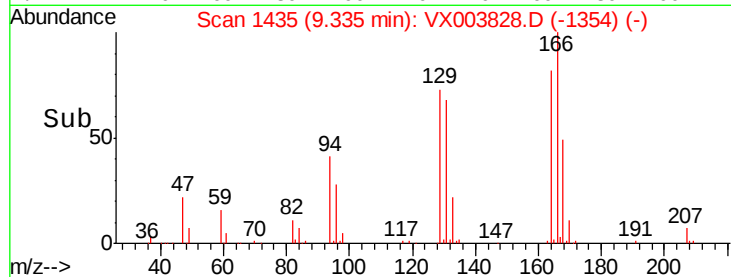
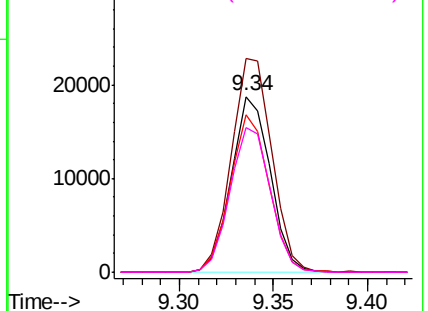
#61
Tetrachloroethene
Concen: 21.21 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampled :
VX0802WBSD01

Tot Ion:164 Resp: 26957
Ion Ratio Lower Upper
164 100
166 121.8 102.4 153.6
129 89.5 70.1 105.1
131 82.3 69.1 103.7

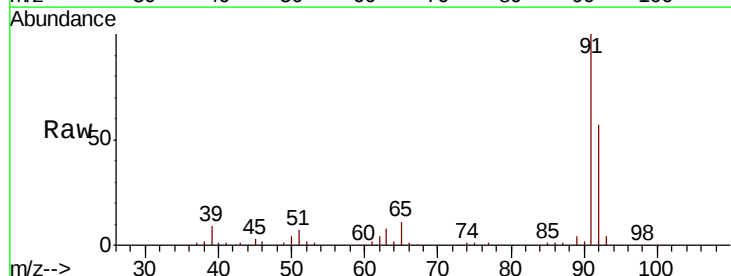


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

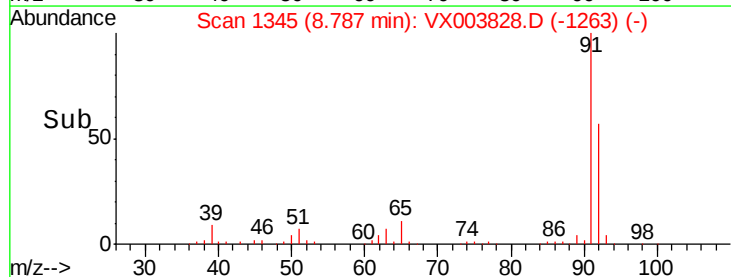
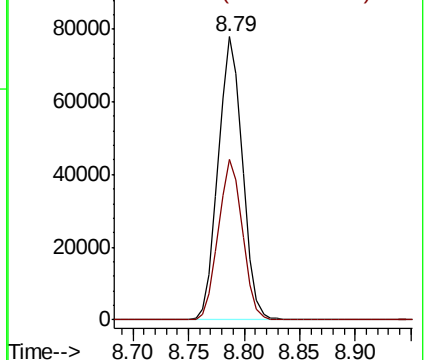


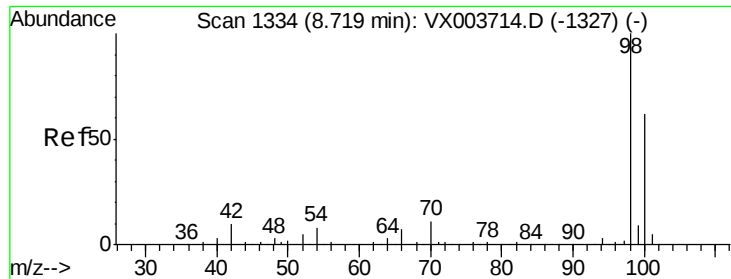
#62
Toluene
Concen: 20.80 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 91 Resp: 117931
Ion Ratio Lower Upper
91 100
92 56.4 46.5 69.7



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

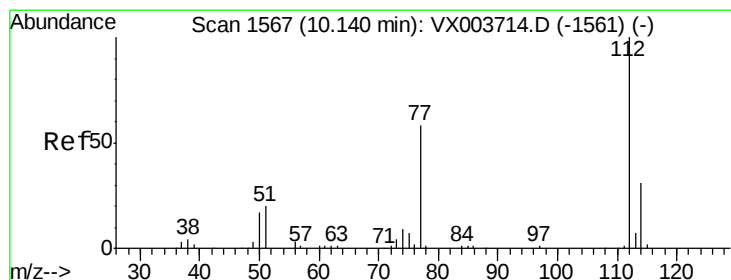
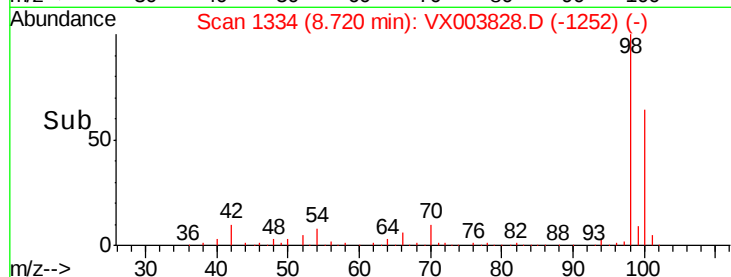
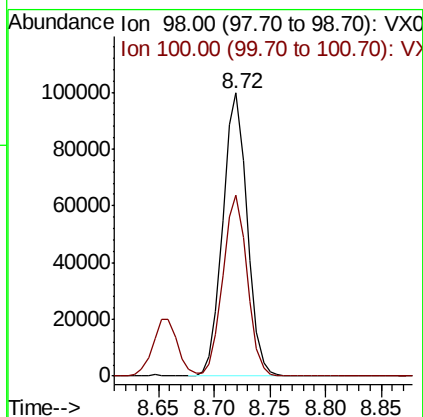
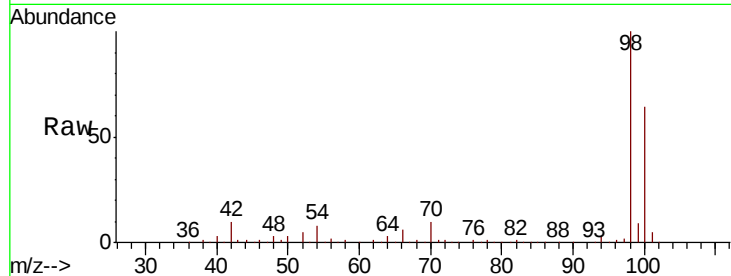




#63
Toluene-d8
Concen: 30.85 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

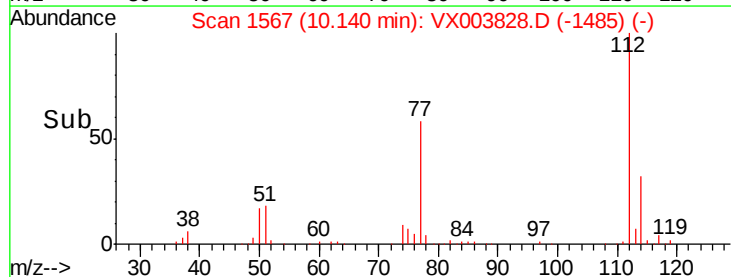
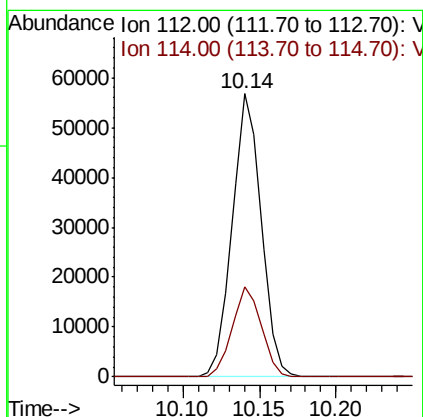
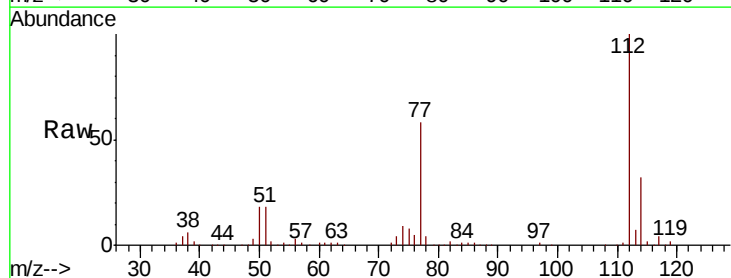
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

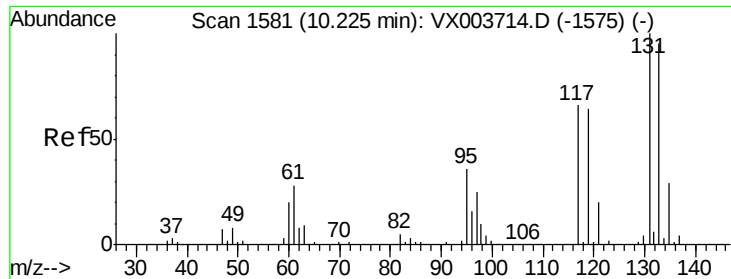
Tot Ion: 98 Resp: 151830
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2



#64
Chlorobenzene
Concen: 20.35 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 112 Resp: 74571
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.51 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

VX0802WBSD01

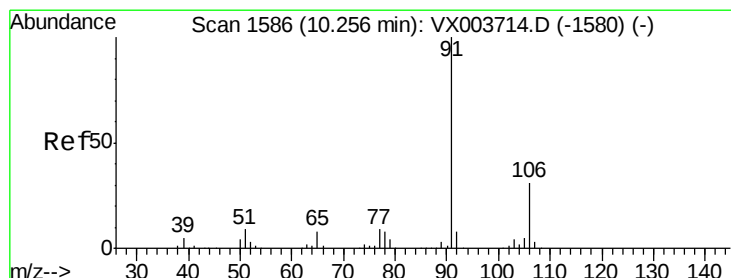
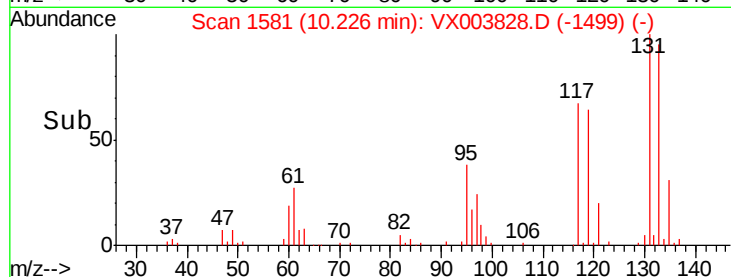
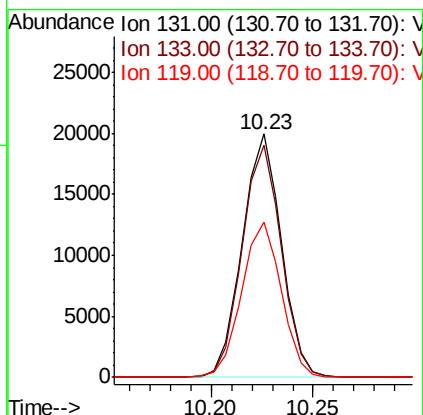
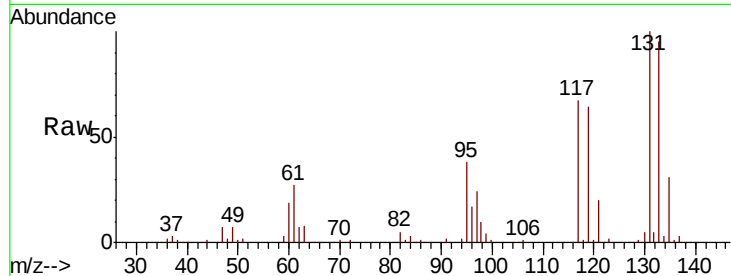
Tot Ion:131 Resp: 26586

Ion Ratio Lower Upper

131 100

133 95.9 0.0 191.2

119 64.9 0.0 125.4



#66

Ethyl Benzene

Concen: 19.92 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003828.D

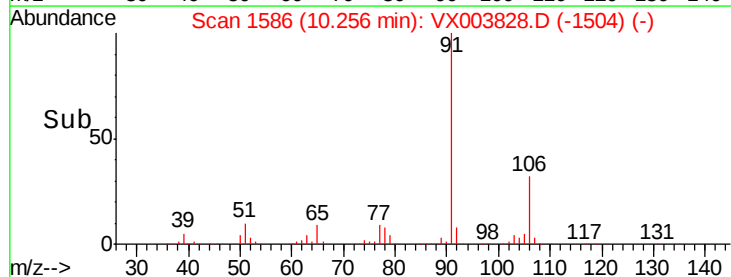
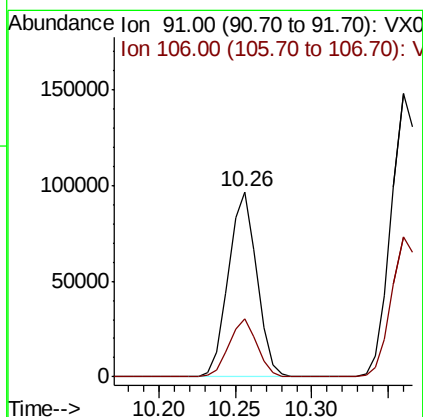
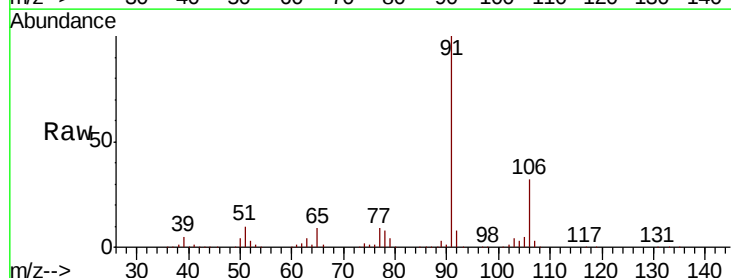
Acq: 02 Aug 2018 16:31

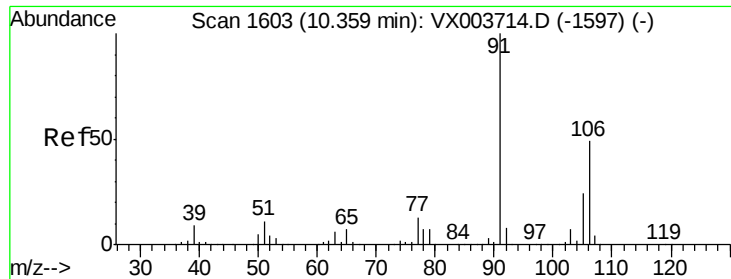
Tgt Ion: 91 Resp: 124284

Ion Ratio Lower Upper

91 100

106 31.7 25.2 37.8

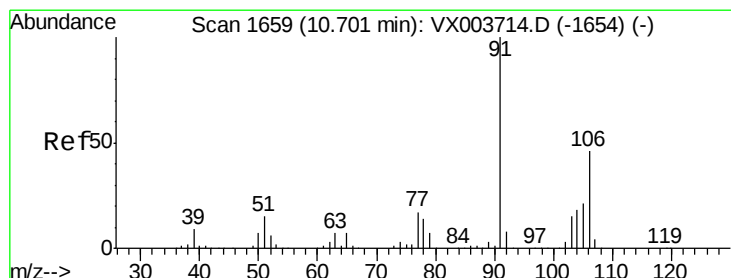
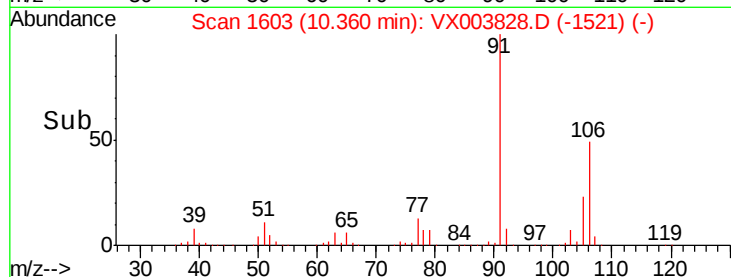
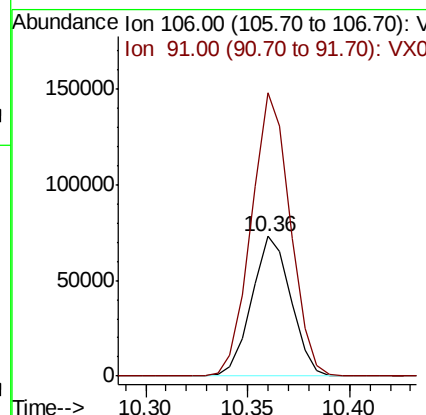
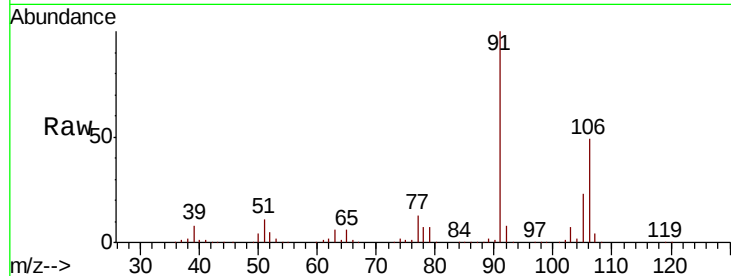




#67
m/p-Xvlenes
Concen: 40.67 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

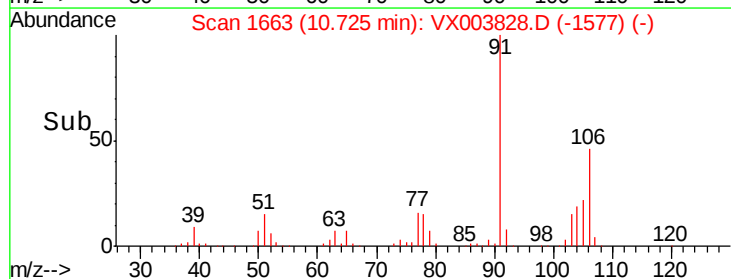
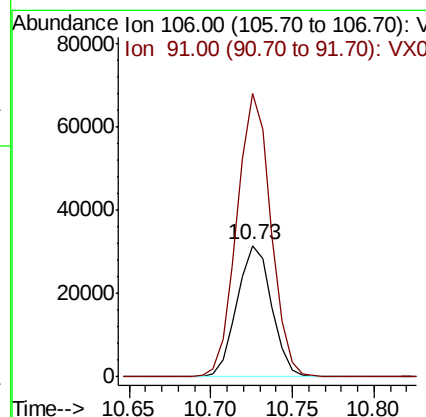
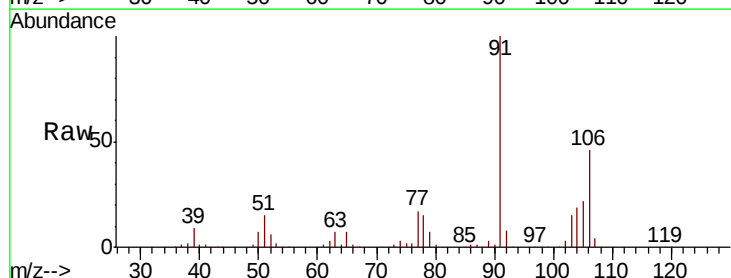
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

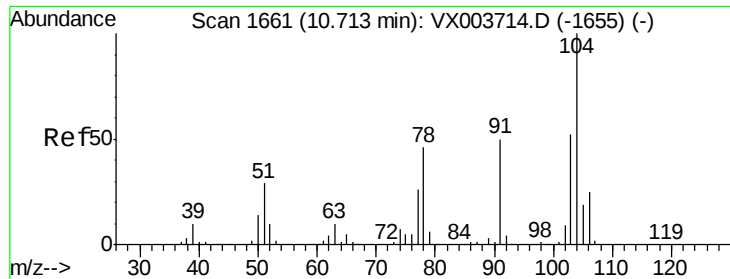
Tot Ion:106 Resp: 97721
Ion Ratio Lower Upper
106 100
91 201.5 164.1 246.1



#68
o-Xylene
Concen: 20.34 ug/l
RT: 10.73 min Scan# 1663
Delta R.T. 0.02 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion:106 Resp: 46763
Ion Ratio Lower Upper
106 100
91 211.5 109.1 327.3

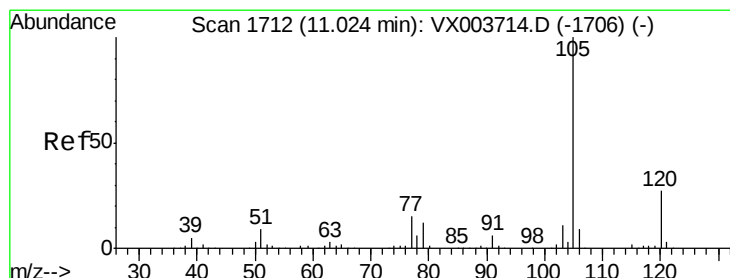
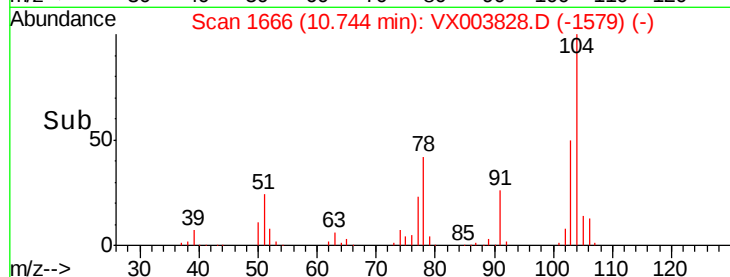
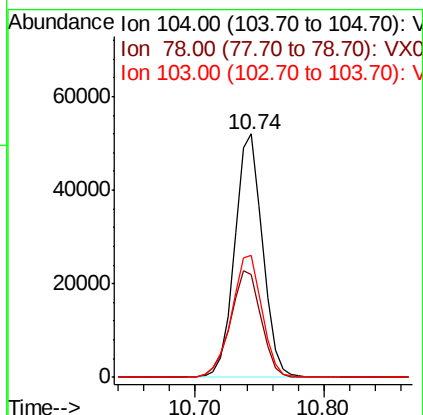
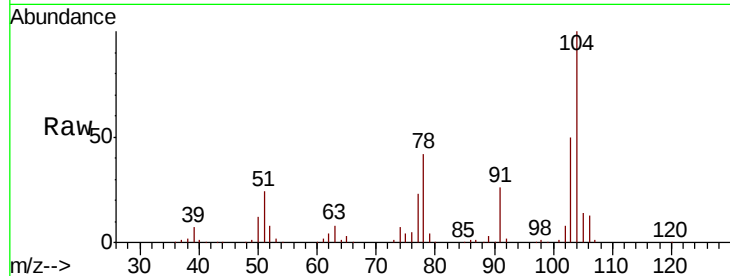




#69
Stvrene
Concen: 20.04 ug/l
RT: 10.74 min Scan# 1666
Delta R.T. 0.03 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

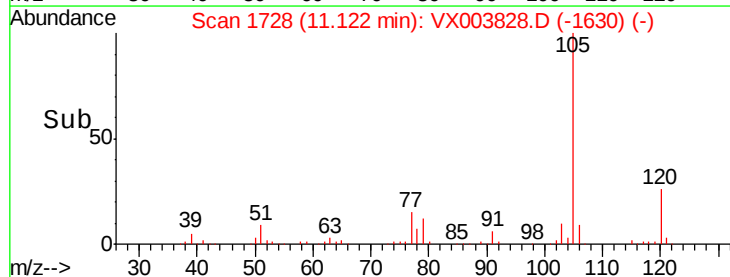
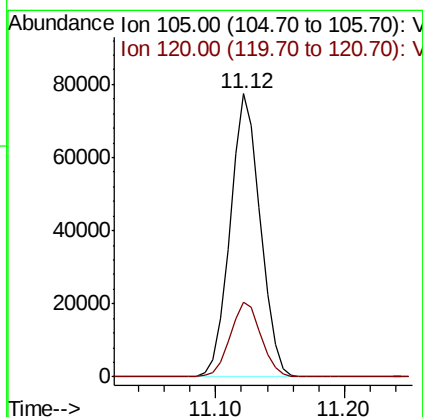
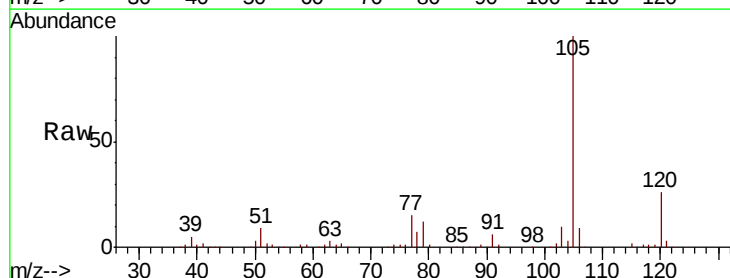
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

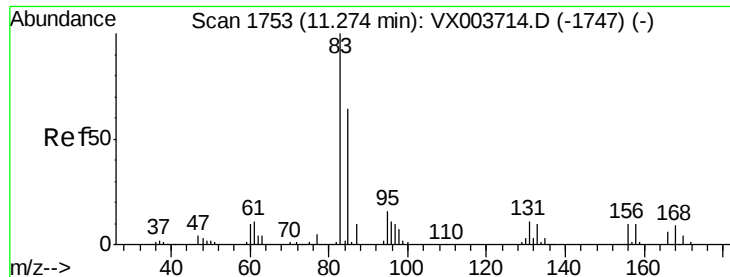
Tot Ion:104 Resp: 78009
Ion Ratio Lower Upper
104 100
78 48.5 41.8 62.8
103 55.1 44.9 67.3



#70
Isopropylbenzene
Concen: 19.99 ug/l
RT: 11.12 min Scan# 1728
Delta R.T. 0.10 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion:105 Resp: 126499
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.2

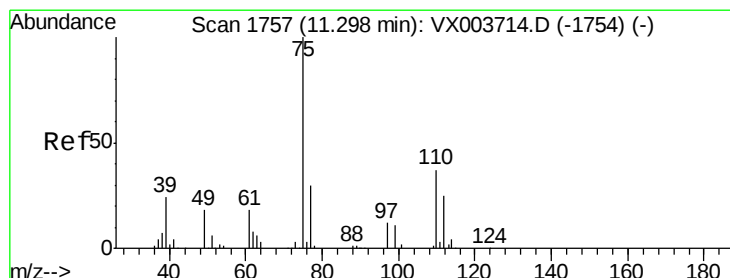
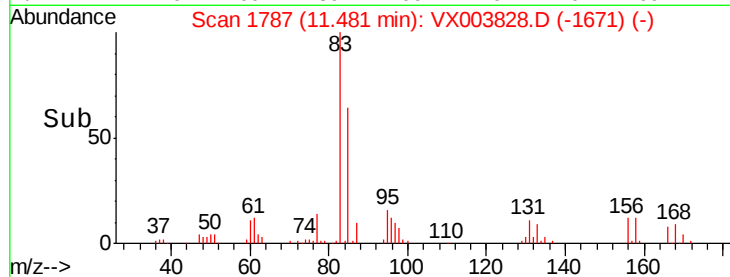
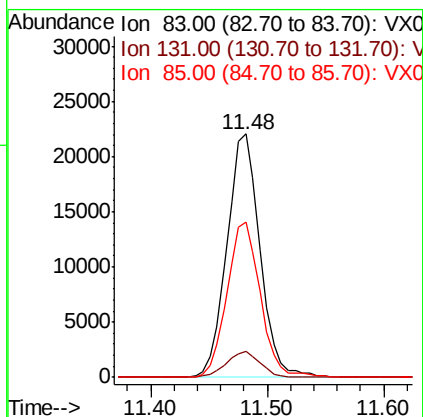
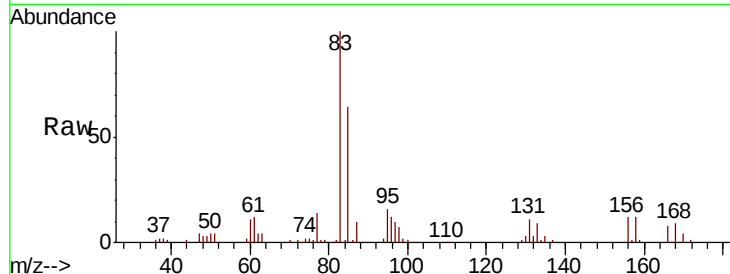




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.27 ug/l
 RT: 11.48 min Scan# 1787
 Delta R.T. 0.21 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

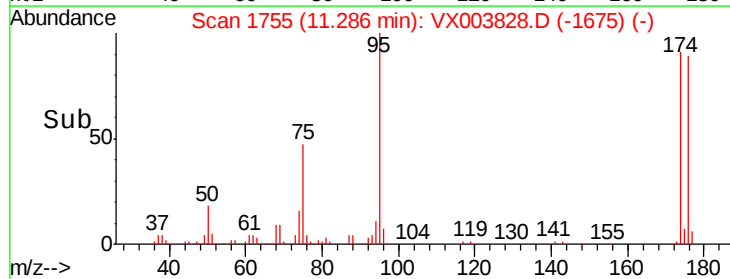
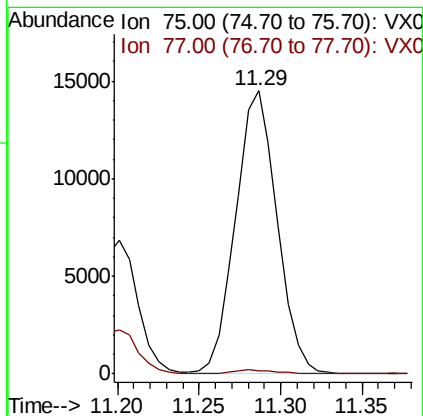
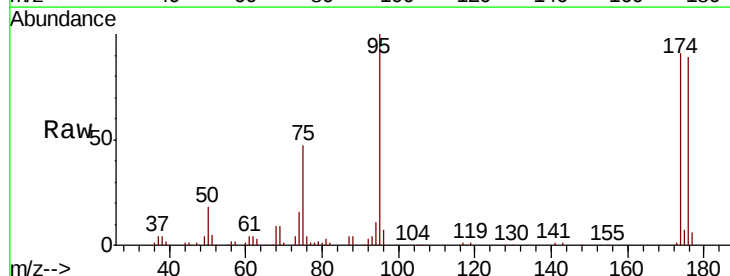
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

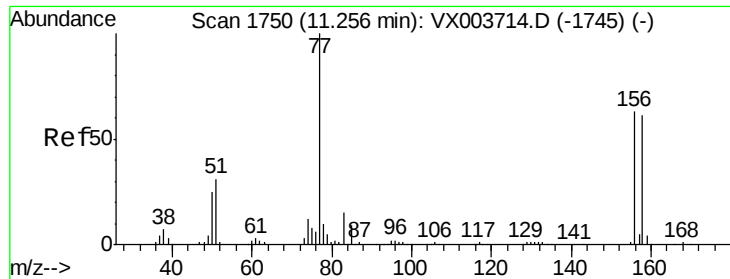
Tot Ion	83	Resp	43531
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	64.5	32.4	97.2



#72
 1,2,3-Trichloropropane
 Concen: 13.66 ug/l
 RT: 11.29 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion	75	Resp	25666
Ion Ratio	Lower	Upper	
75	100		
77	1.4	0.0	71.8

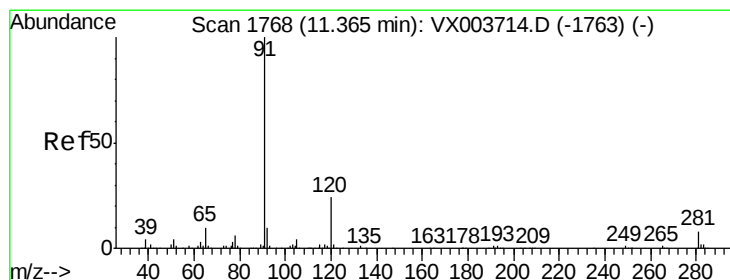
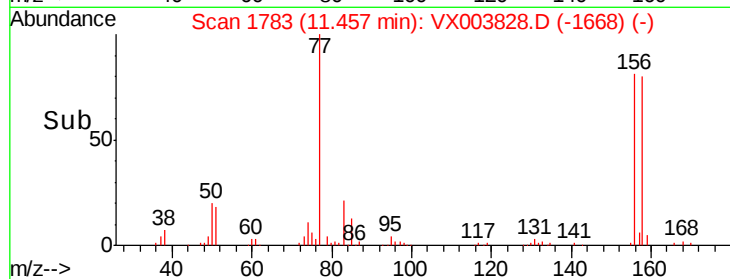
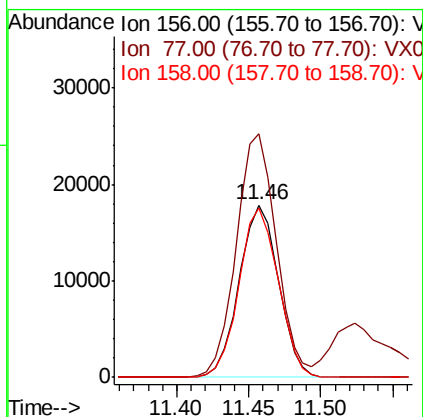
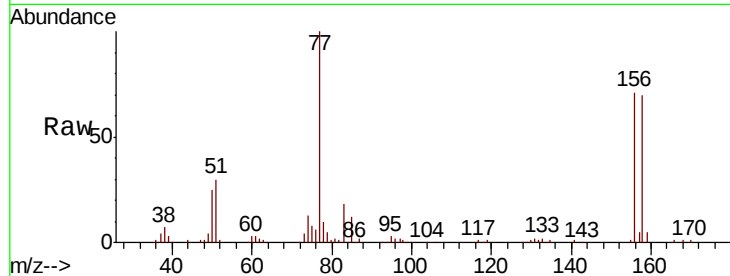




#73
Bromobenzene
Concen: 19.84 ug/l
RT: 11.46 min Scan# 1783
Delta R.T. 0.20 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

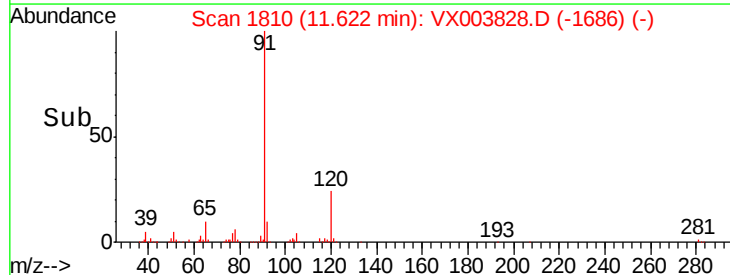
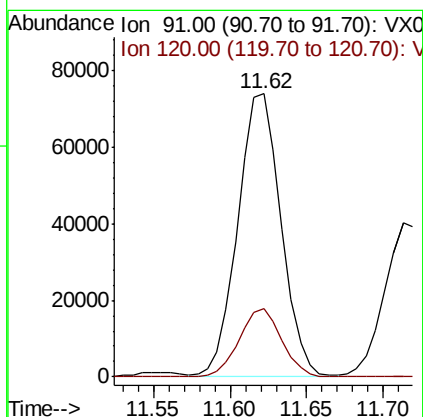
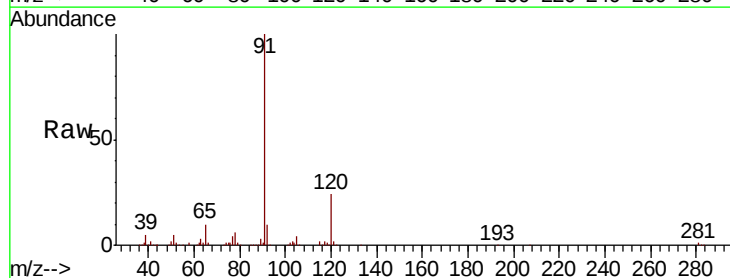
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

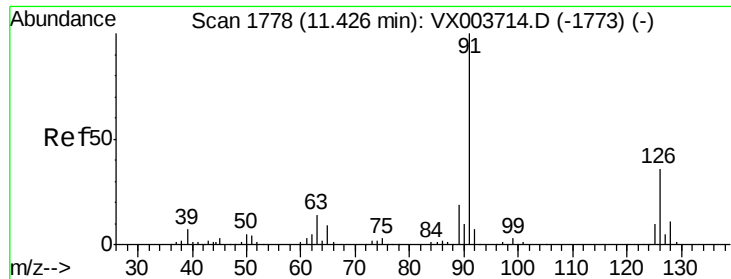
Tot Ion:156 Resp: 33840
Ion Ratio Lower Upper
156 100
77 144.5 0.0 301.0
158 98.4 0.0 196.2



#74
n-propylbenzene
Concen: 19.52 ug/l
RT: 11.62 min Scan# 1810
Delta R.T. 0.26 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 91 Resp: 145497
Ion Ratio Lower Upper
91 100
120 23.7 0.0 46.2

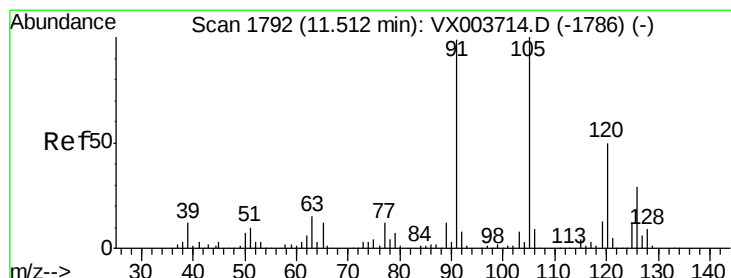
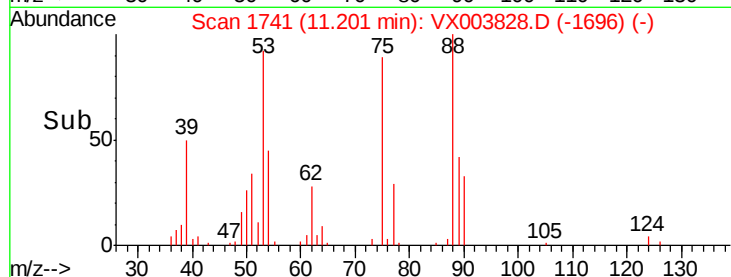
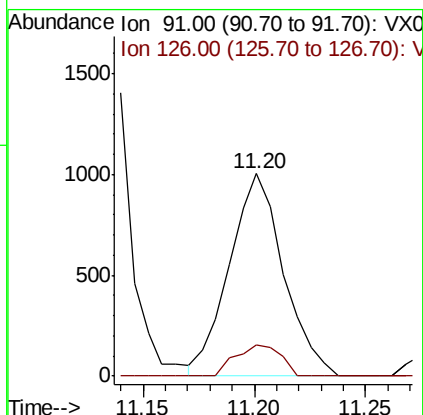
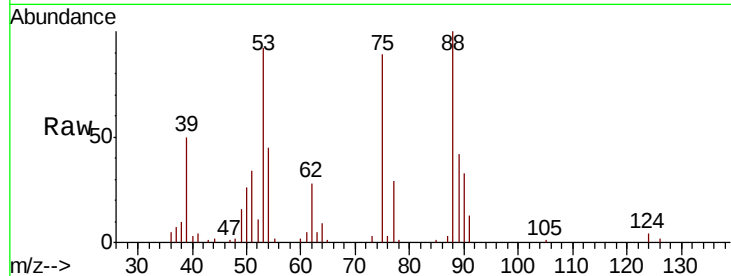




#75
 2-Chlorotoluene
 Concen: 0.39 ug/l
 RT: 11.20 min Scan# 1741
 Delta R.T. -0.23 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

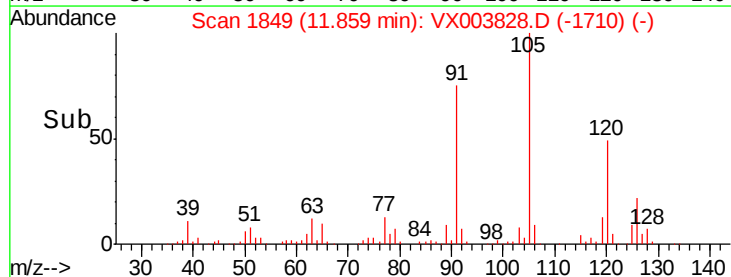
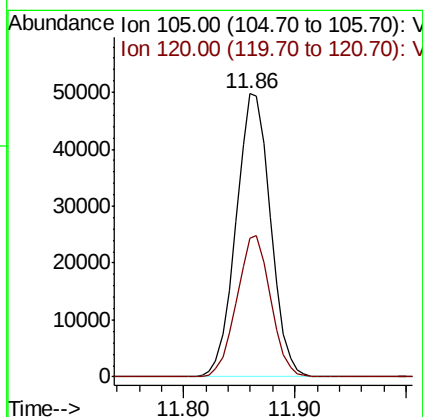
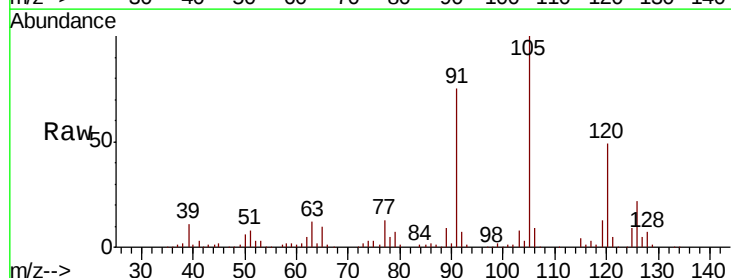
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

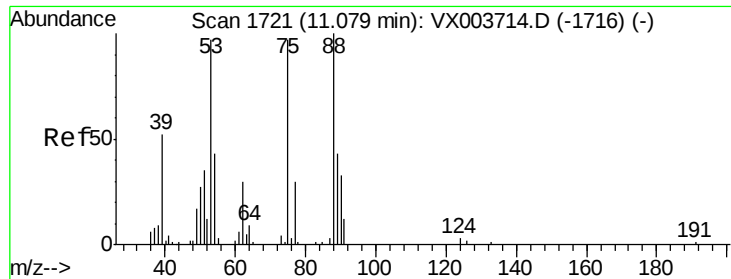
Tot Ion: 91 Resp: 1700
 Ion Ratio Lower Upper
 91 100
 126 12.8 0.0 69.4



#76
 1,3,5-Trimethylbenzene
 Concen: 19.88 ug/l
 RT: 11.86 min Scan# 1849
 Delta R.T. 0.35 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 105 Resp: 106790
 Ion Ratio Lower Upper
 105 100
 120 49.2 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.11 ug/l

RT: 11.20 min Scan# 1741

Delta R.T. 0.12 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBSD01

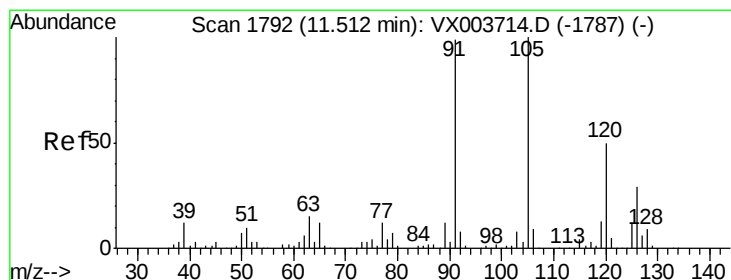
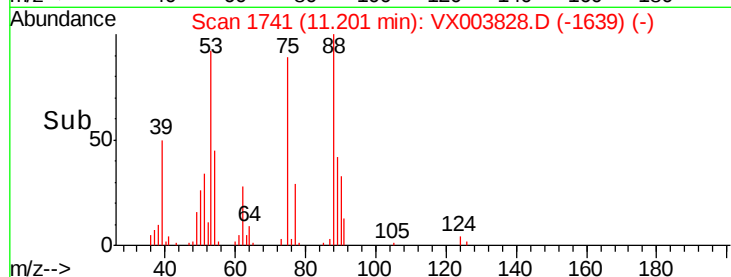
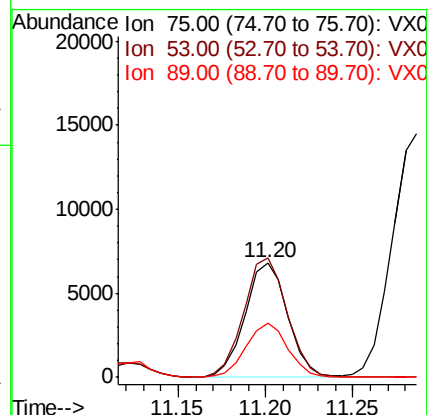
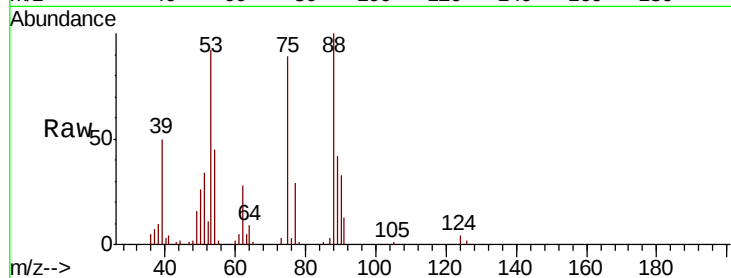
Tot Ion: 75 Resp: 11597

Ion Ratio Lower Upper

75 100

53 103.6 48.3 144.9

89 47.1 21.8 65.4



#78

4-Chlorotoluene

Concen: 16.89 ug/l

RT: 11.71 min Scan# 1825

Delta R.T. 0.20 min

Lab File: VX003828.D

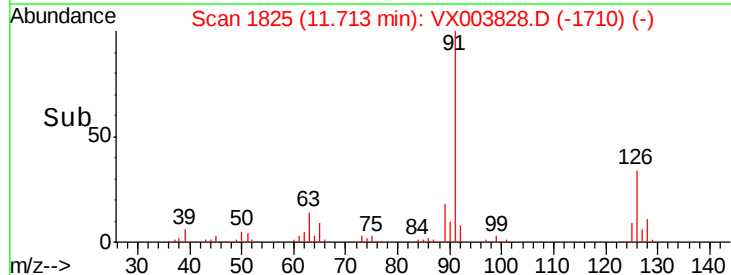
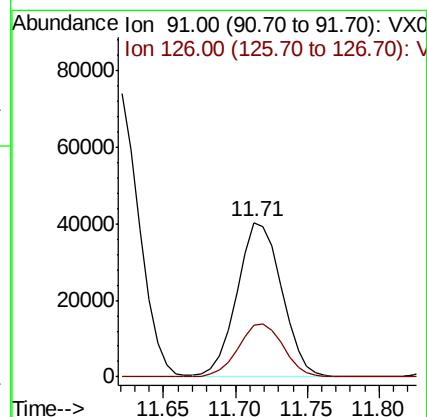
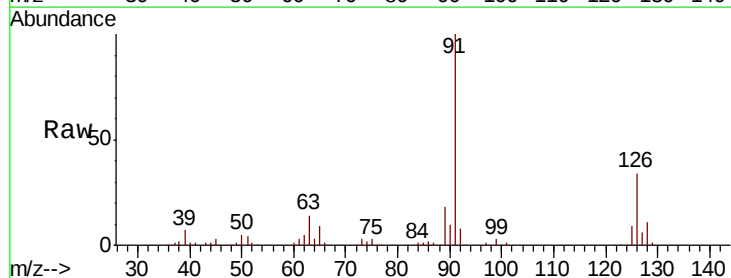
Acq: 02 Aug 2018 16:31

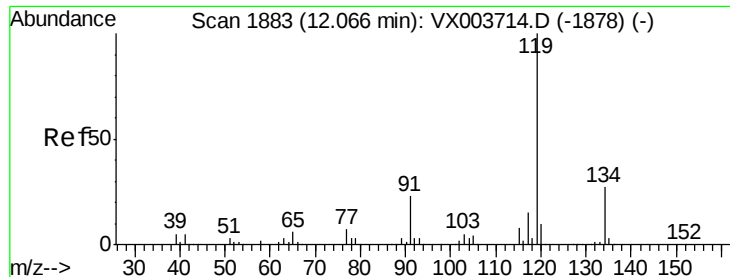
Tgt Ion: 91 Resp: 86838

Ion Ratio Lower Upper

91 100

126 34.8 0.0 61.0

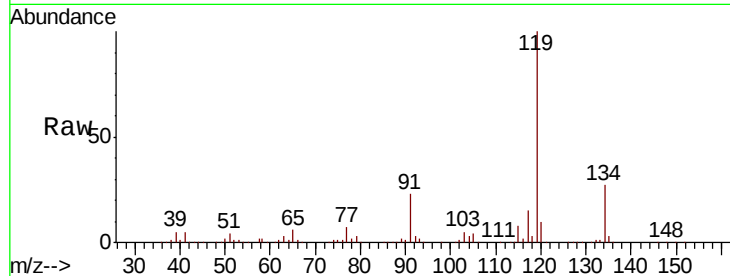




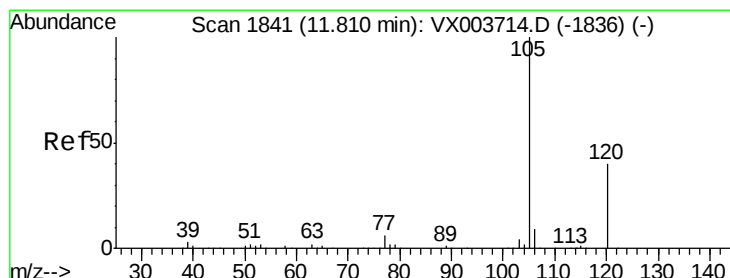
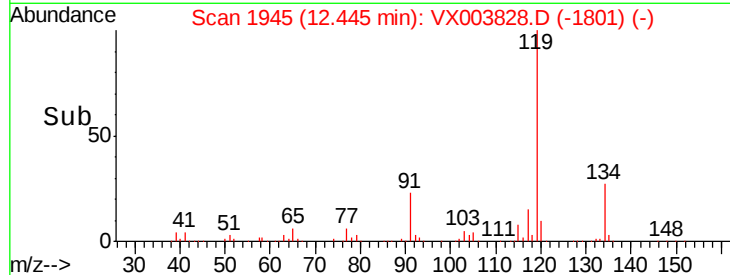
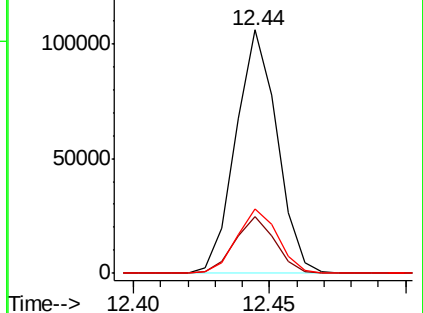
#79
tert-butylbenzene
Concen: 20.10 ug/l
RT: 12.44 min Scan# 1945
Delta R.T. 0.38 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion:119 Resp: 111085
Ion Ratio Lower Upper
119 100
91 22.8 0.0 48.0
134 26.5 0.0 52.6

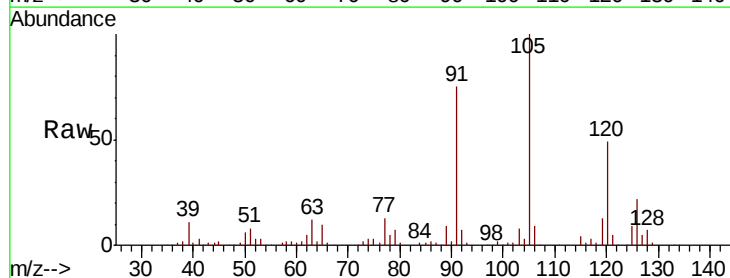


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

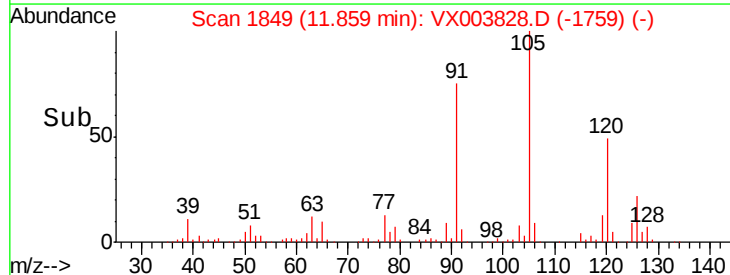
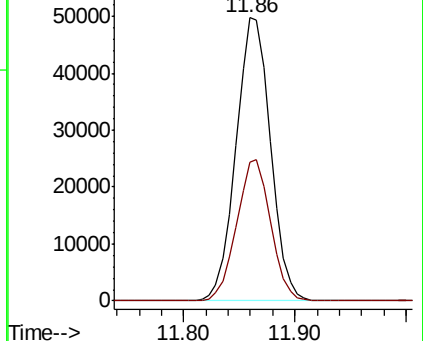


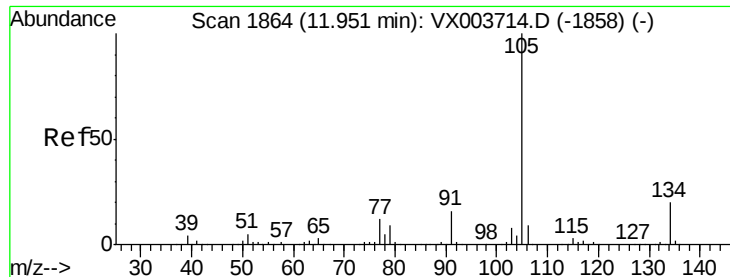
#80
1,2,4-Trimethylbenzene
Concen: 19.43 ug/l
RT: 11.86 min Scan# 1849
Delta R.T. 0.05 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion:105 Resp: 106790
Ion Ratio Lower Upper
105 100
120 49.2 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 17.07 ug/l

RT: 11.86 min Scan# 1849

Delta R.T. -0.09 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

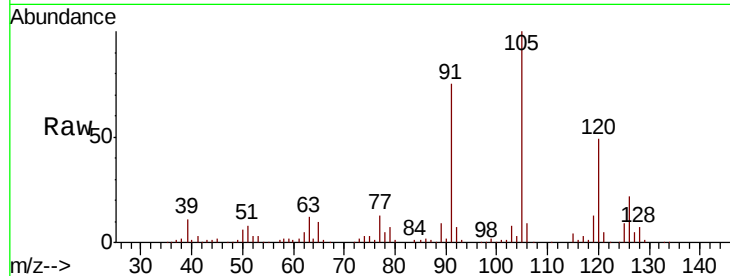
VX0802WBSD01

Tot Ion:105 Resp: 106790

Ion Ratio Lower Upper

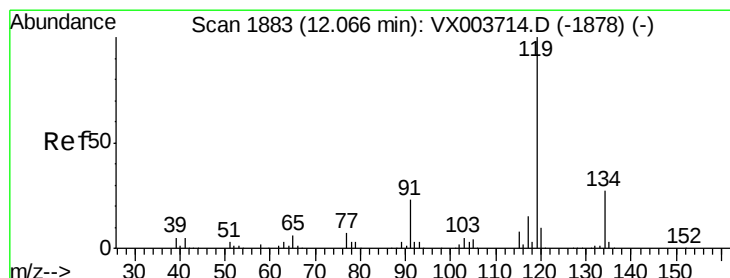
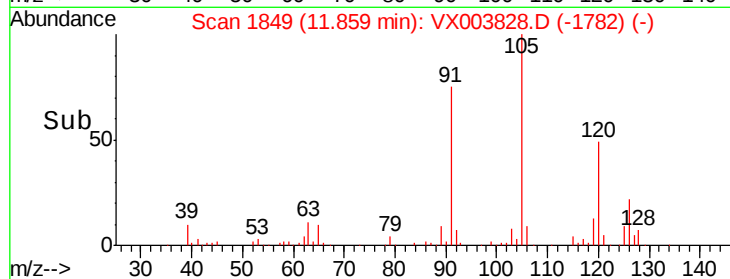
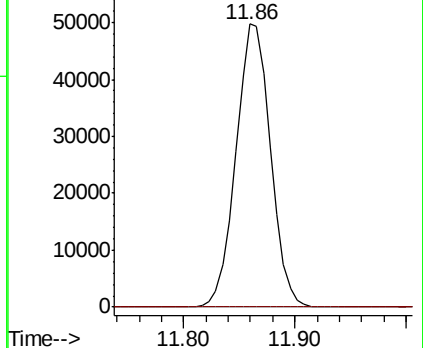
105 100

134 0.1 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: 20.10 ug/l

RT: 12.44 min Scan# 1945

Delta R.T. 0.38 min

Lab File: VX003828.D

Acq: 02 Aug 2018 16:31

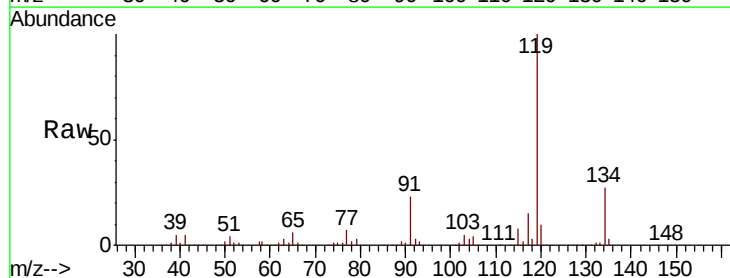
Tgt Ion:119 Resp: 111085

Ion Ratio Lower Upper

119 100

134 26.5 0.0 52.6

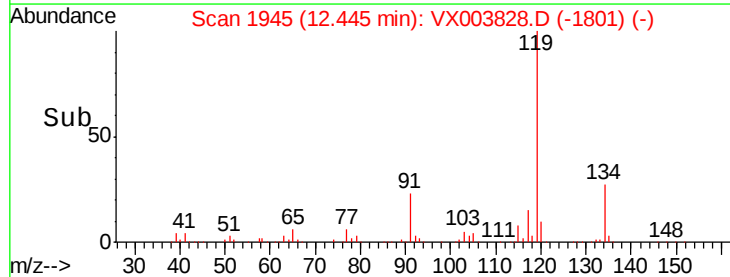
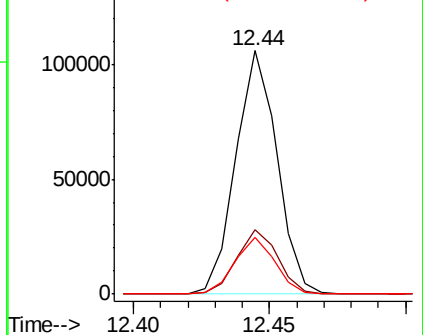
91 22.8 0.0 48.0

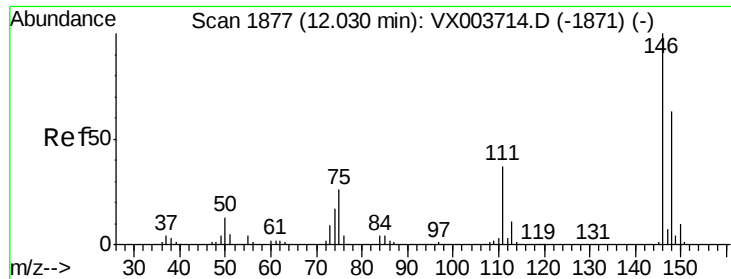


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

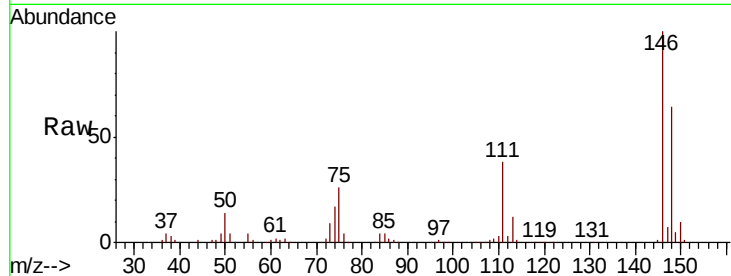




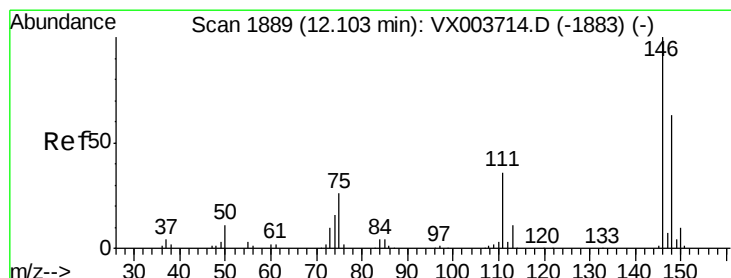
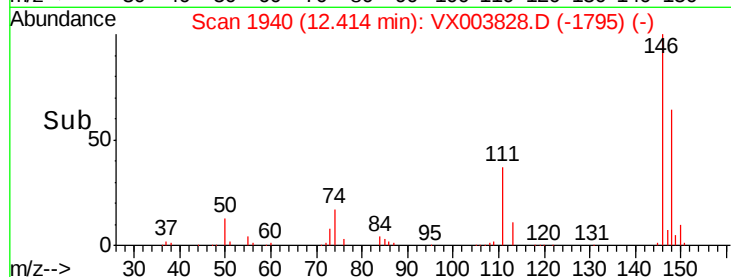
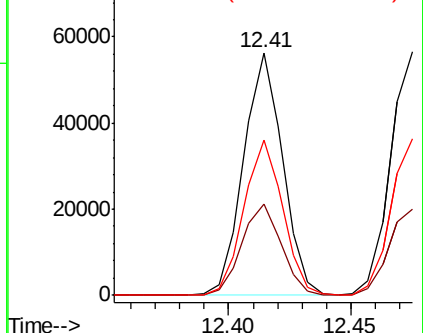
#83
 1,3-Dichlorobenzene
 Concen: 20.15 ug/l
 RT: 12.41 min Scan# 1940
 Delta R.T. 0.38 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion:146 Resp: 62782
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 63.9 31.9 95.7

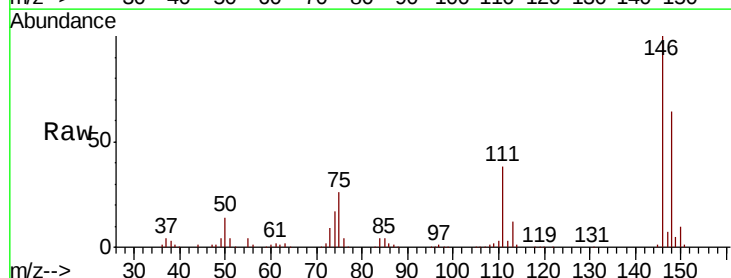


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

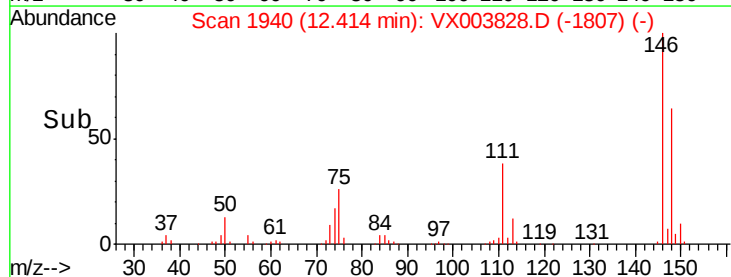
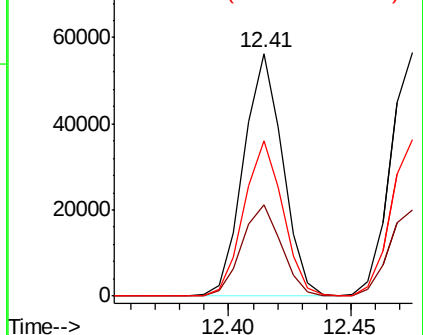


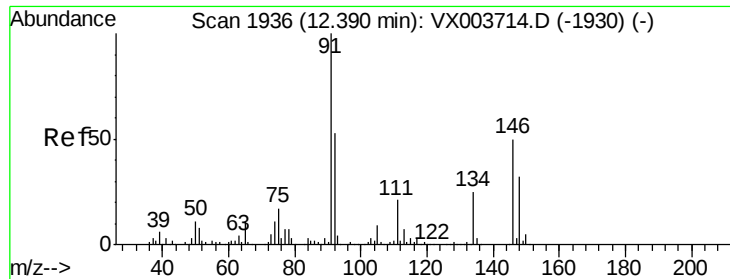
#84
 1,4-Dichlorobenzene
 Concen: 20.02 ug/l
 RT: 12.41 min Scan# 1940
 Delta R.T. 0.31 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion:146 Resp: 62782
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.5 55.5
 148 63.9 32.0 96.0



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

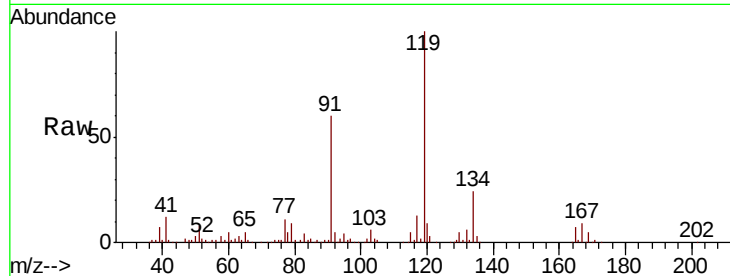




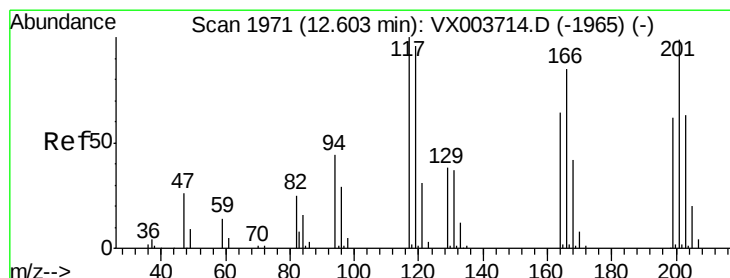
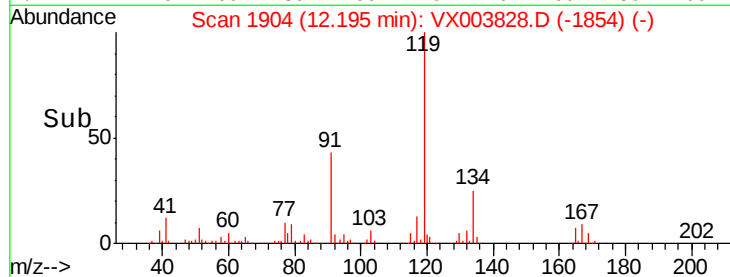
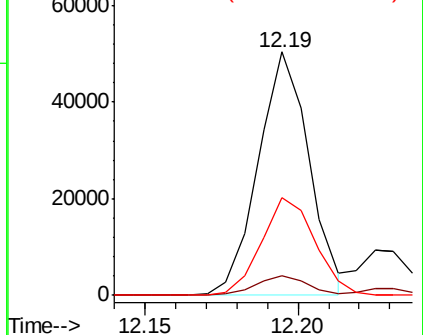
#85
n-Butylbenzene
Concen: 11.90 ug/l
RT: 12.19 min Scan# 1904
Delta R.T. -0.19 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBSD01

Tot Ion: 91 Resp: 58375
Ion Ratio Lower Upper
91 100
92 8.0 0.0 105.2
134 42.6 0.0 53.2

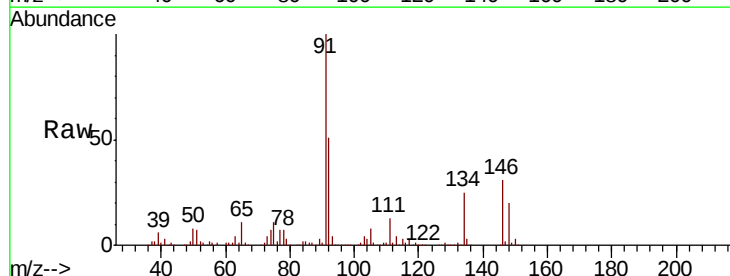


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

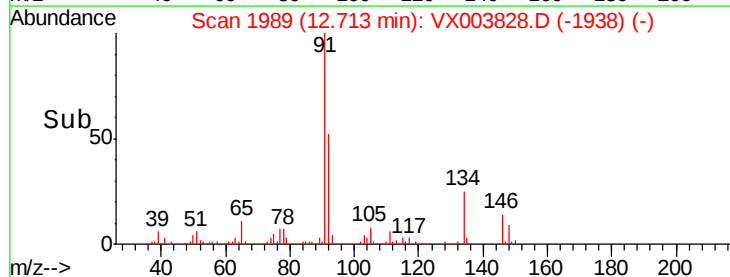
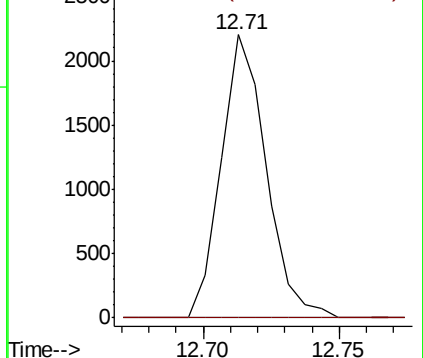


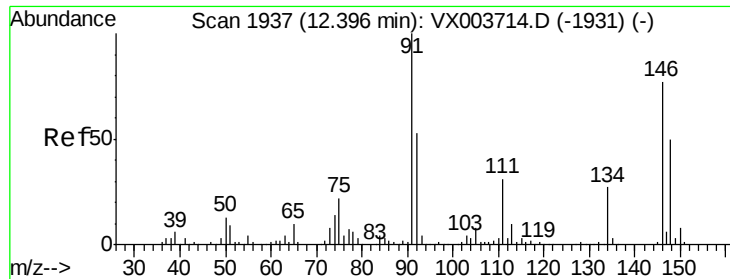
#86
Hexachloroethane
Concen: 2.84 ug/l
RT: 12.71 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VX003828.D
Acq: 02 Aug 2018 16:31

Tgt Ion: 117 Resp: 2533
Ion Ratio Lower Upper
117 100
201 0.0 47.6 142.8#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

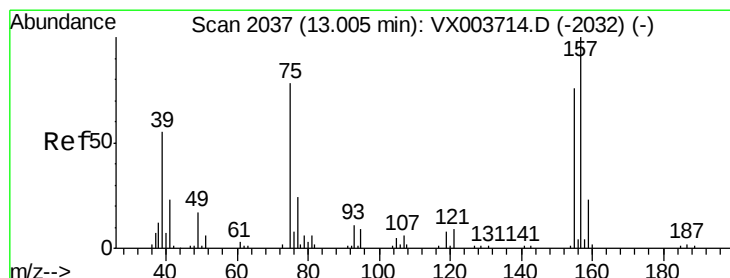
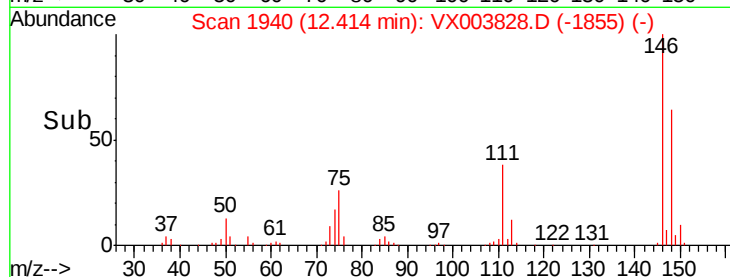
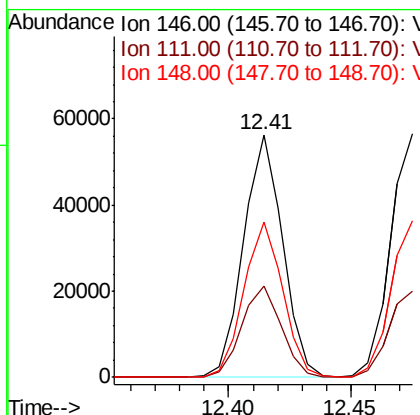
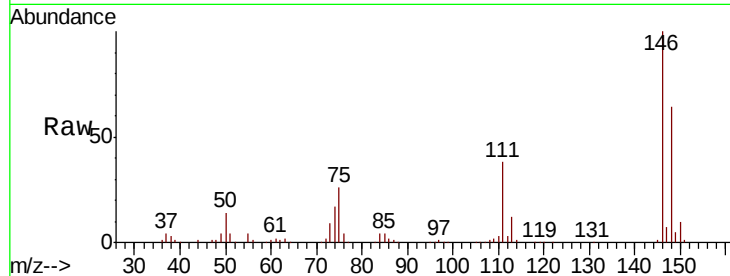




#87
 1,2-Dichlorobenzene
 Concen: 20.08 ug/l
 RT: 12.41 min Scan# 1940
 Delta R.T. 0.02 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

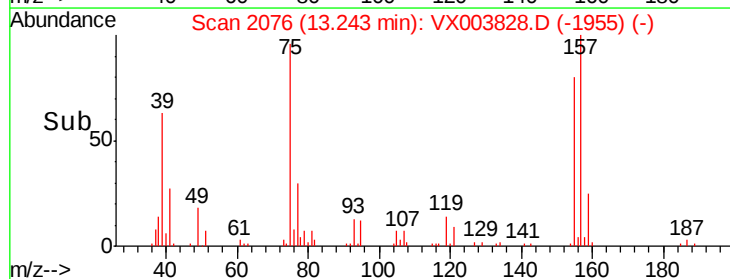
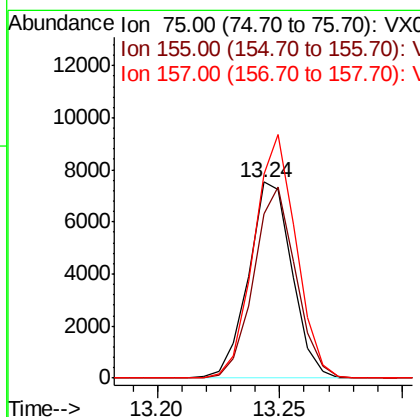
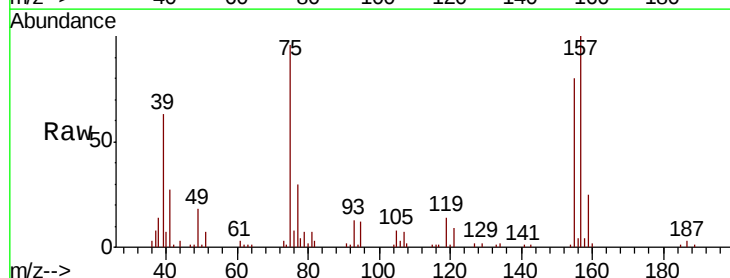
Instrument :
 MSVOA_X
 ClientSampled :
 VX0802WBSD01

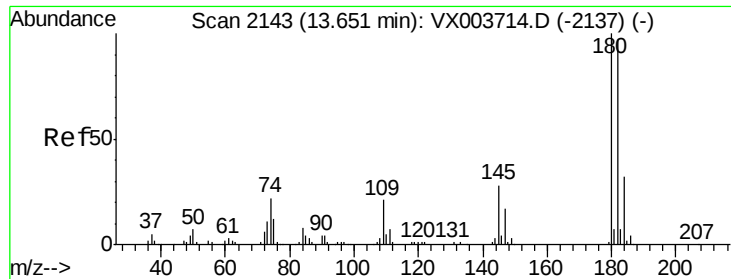
Tot Ion:146 Resp: 62782
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.0 59.9
 148 63.9 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.59 ug/l
 RT: 13.24 min Scan# 2076
 Delta R.T. 0.24 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion: 75 Resp: 9345
 Ion Ratio Lower Upper
 75 100
 155 93.9 73.1 109.7
 157 120.1 93.1 139.7

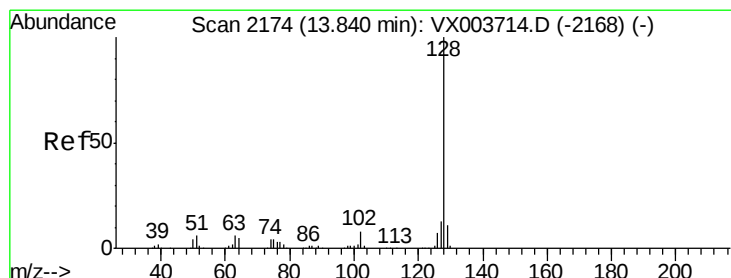
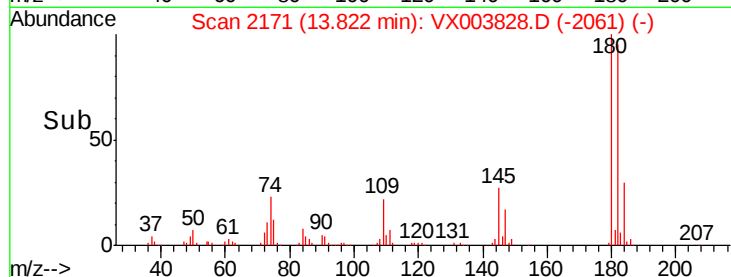
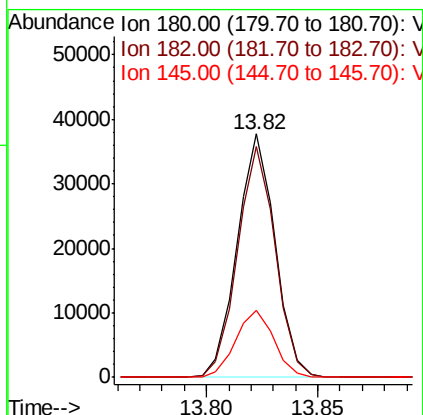
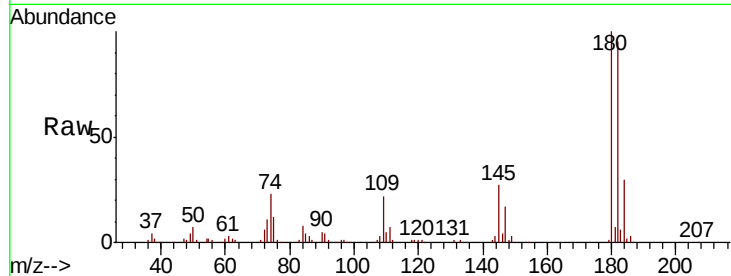




#89
 1,2,4-Trichlorobenzene
 Concen: 20.34 ug/l
 RT: 13.82 min Scan# 2171
 Delta R.T. 0.17 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

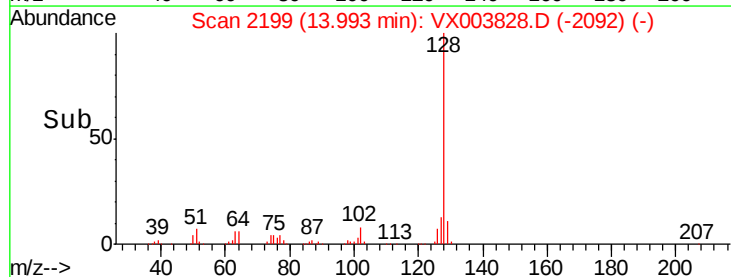
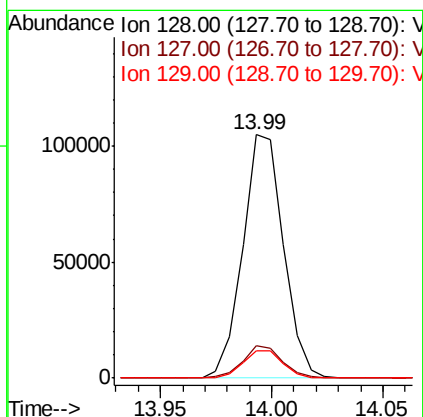
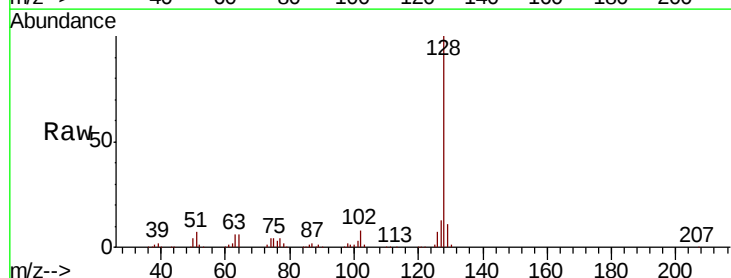
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

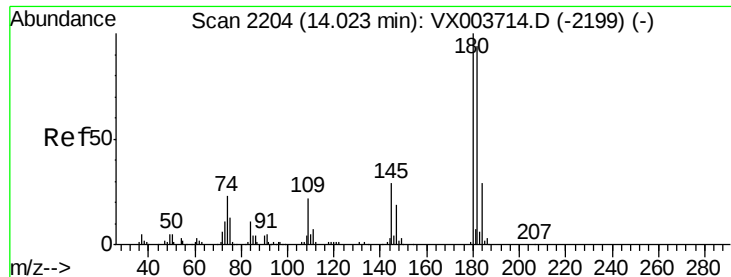
Tot Ion:180 Resp: 44659
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.4 114.6
 145 28.0 22.9 34.3



#91
 Naphthalene
 Concen: 20.00 ug/l
 RT: 13.99 min Scan# 2199
 Delta R.T. 0.15 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Tgt Ion:128 Resp: 134196
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 11.0 8.9 13.3

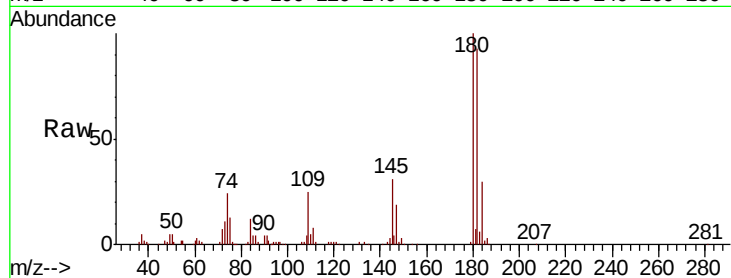




#92
 1,2,3-Trichlorobenzene
 Concen: 20.61 ug/l
 RT: 14.16 min Scan# 2227
 Delta R.T. 0.14 min
 Lab File: VX003828.D
 Acq: 02 Aug 2018 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	191.0
145	30.5	0.0	60.6



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

