

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080218\
 Data File : VX003825.D
 Acq On : 02 Aug 2018 15:11
 Operator : JC/MD
 Sample : VX0802WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

Quant Time: Aug 03 03:20:46 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	22671	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	120363	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	110678	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	46214	27.77	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.57%
60) 4-Bromofluorobenzene	11.14	95	52921	29.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.00%
63) Toluene-d8	8.72	98	151660	30.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	31034	25.92	ug/l	99
3) Chloromethane	1.32	50	37416	23.22	ug/l	100
4) Vinyl Chloride	1.40	62	32226	19.01	ug/l	99
5) Bromomethane	1.64	94	18081	17.85	ug/l	100
6) Chloroethane	1.72	64	18901	17.04	ug/l	94
7) Trichlorofluoromethane	1.93	101	42222	18.52	ug/l	100
8) Diethyl Ether	2.19	74	16645	17.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	24891	18.01	ug/l	98
10) 1,1-Dichloroethene	2.37	96	23765	18.28	ug/l	91
11) Methyl Iodide	2.51	142	27376	15.19	ug/l	91
12) Methyl Acetate	2.78	43	48349	20.10	ug/l	94
13) Acrolein	2.29	56	25210	134.40	ug/l	98
14) Acrylonitrile	3.15	53	78400	82.73	ug/l	99
15) Acetone	2.45	58	21857	85.00	ug/l	76
16) Carbon Disulfide	2.57	76	64849	17.97	ug/l	99
17) Allyl chloride	2.73	41	45055	16.75	ug/l	92
18) Methylene Chloride	2.86	84	27344	17.76	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	25047	17.83	ug/l	96
20) Diisopropyl ether	3.87	45	82883	16.78	ug/l	99
21) 1,1-Dichloroethane	3.70	63	48187	17.23	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	27504	19.39	ug/l #	74
23) tert-Butyl Alcohol	3.07	59	33818	84.96	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	78813	16.91	ug/l	92
25) Chloroform	5.22	83	46580	19.23	ug/l	99
26) Cyclohexane	5.57	56	40051	19.06	ug/l #	97
29) 1,1-Dichloropropene	5.79	75	34340	19.32	ug/l	99
30) 2-Butanone	4.71	43	105473	92.92	ug/l	95
31) 2,2-Dichloropropane	4.59	77	33149	19.25	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	39845	19.59	ug/l	97
33) Carbon Tetrachloride	5.78	117	34315	19.42	ug/l	97
34) Benzene	6.15	78	105580	19.33	ug/l	98
35) Methacrylonitrile	5.07	41	22504	19.08	ug/l	93
36) 1,2-Dichloroethane	6.20	62	36579	18.64	ug/l	96
37) Trichloroethene	7.21	130	27621	19.41	ug/l	92
38) Methylcyclohexane	7.46	83	37507	18.57	ug/l	99
39) 1,2-Dichloropropane	7.52	63	27842	19.29	ug/l	95
40) Dibromomethane	7.67	93	17764	19.02	ug/l	97

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 Sample : VX0802WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

Quant Time: Aug 03 03:20:46 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	33451	18.75	ug/l	99
42) Vinyl Acetate	3.82	43	341484	78.30	ug/l	98
43) Ethyl Acetate	4.87	43	39481	18.62	ug/l	96
44) Isopropyl Acetate	6.47	43	60060	18.47	ug/l	96
45) 1,4-Dioxane	7.76	88	13066	361.79	ug/l #	85
46) Methyl methacrylate	7.78	41	30878	18.40	ug/l	89
47) n-amyl Acetate	10.90	43	52523	17.11	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	40051	18.50	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	36745	18.09	ug/l	92
50) 1,1,2-Trichloroethane	9.22	97	27677	18.67	ug/l	98
51) Ethyl methacrylate	9.18	69	38434	17.22	ug/l	85
52) 1,3-Dichloropropane	9.38	76	45299	18.36	ug/l	99
53) Dibromochloromethane	9.59	129	26852	18.44	ug/l	99
54) 1,2-Dibromoethane	9.68	107	28490	18.38	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	103964	90.30	ug/l	99
56) Bromoform	10.86	173	20777	18.39	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	206243	98.69	ug/l	93
59) 2-Hexanone	9.50	43	157327	94.55	ug/l	94
61) Tetrachloroethene	9.34	164	26412	20.51	ug/l	98
62) Toluene	8.79	91	116479	20.28	ug/l	99
64) Chlorobenzene	10.14	112	72803	19.61	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	26523	20.19	ug/l	99
66) Ethyl Benzene	10.26	91	122707	19.41	ug/l	100
67) m/p-Xylenes	10.36	106	96336	39.57	ug/l	98
68) o-Xylene	10.70	106	45834	19.68	ug/l	97
69) Styrene	10.71	104	76027	19.28	ug/l	97
70) Isopropylbenzene	11.02	105	123471	19.25	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	43719	19.10	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	49377	25.93	ug/l	93
73) Bromobenzene	11.26	156	33445	19.35	ug/l	98
74) n-propylbenzene	11.36	91	143925	19.05	ug/l	100
75) 2-Chlorotoluene	11.42	91	86134	19.35	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	105527	19.39	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	11777	18.15	ug/l	98
78) 4-Chlorotoluene	11.51	91	100359	19.27	ug/l	99
79) tert-butylbenzene	12.07	119	108584	19.39	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	107517	19.31	ug/l	98
81) sec-Butylbenzene	11.95	105	122408	19.32	ug/l	99
82) p-Isopropyltoluene	12.07	119	108584	19.39	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	62036	19.65	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	61994	19.51	ug/l	99
85) n-Butylbenzene	12.39	91	91892	18.49	ug/l	99
86) Hexachloroethane	12.60	117	16500	18.29	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	62236	19.64	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	9076	18.78	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	43516	19.56	ug/l	100
90) Hexachlorobutadiene	13.79	225	20826	20.65	ug/l	99
91) Naphthalene	13.83	128	132387	19.47	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	45057	19.89	ug/l	99

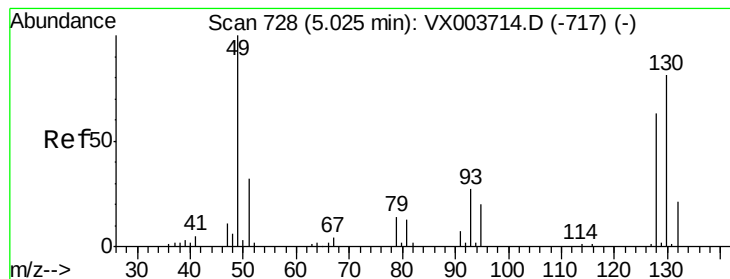
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080218\
Data File : VX003825.D
Acq On : 02 Aug 2018 15:11
Operator : JC/MD
Sample : VX0802WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

Quant Time: Aug 03 03:20:46 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBS01

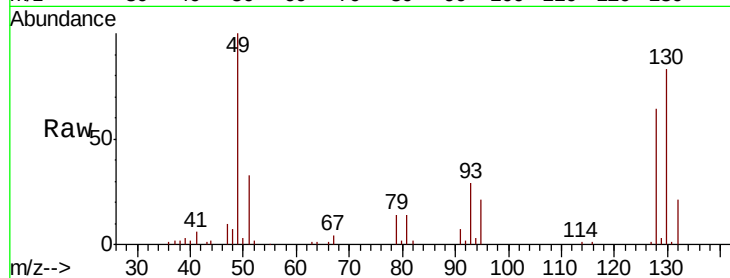
Tot Ion:128 Resp: 22671

Ion Ratio Lower Upper

128 100

49 157.6 0.0 423.0

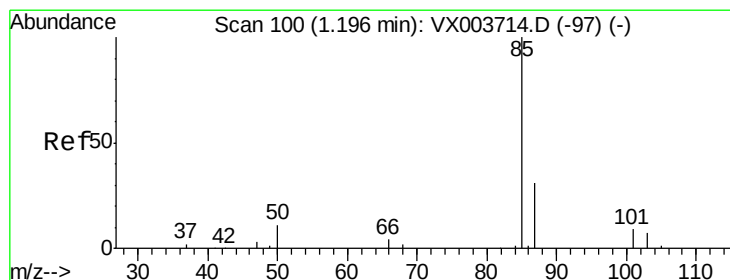
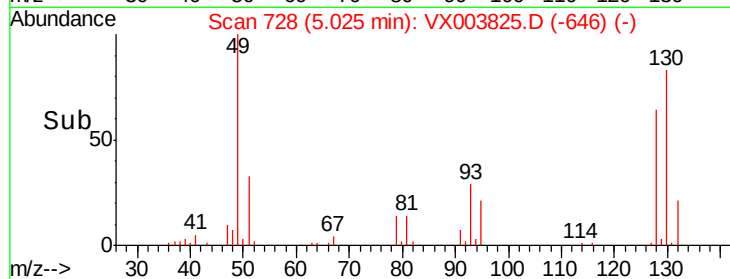
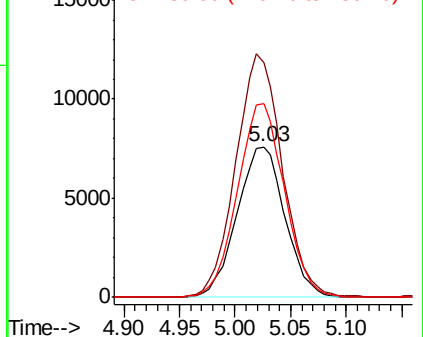
130 126.6 0.0 324.3



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: 25.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003825.D

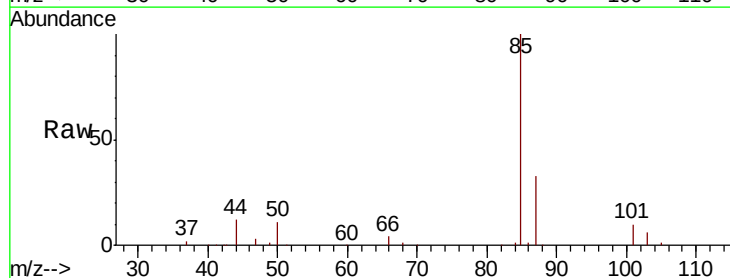
Acq: 02 Aug 2018 15:11

Tgt Ion: 85 Resp: 31034

Ion Ratio Lower Upper

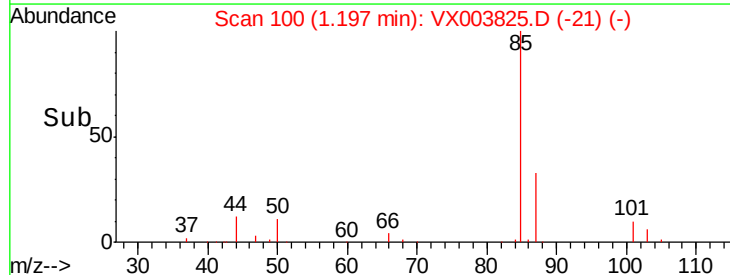
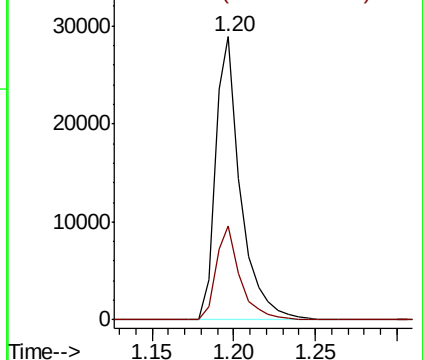
85 100

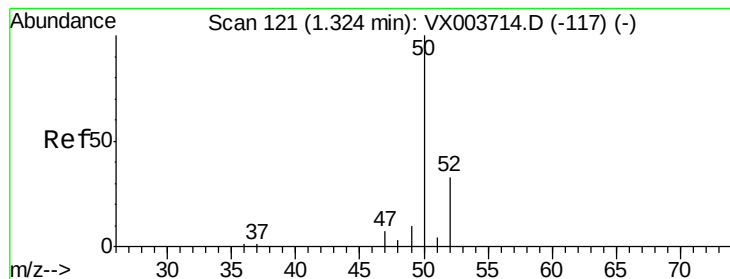
87 33.1 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 23.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

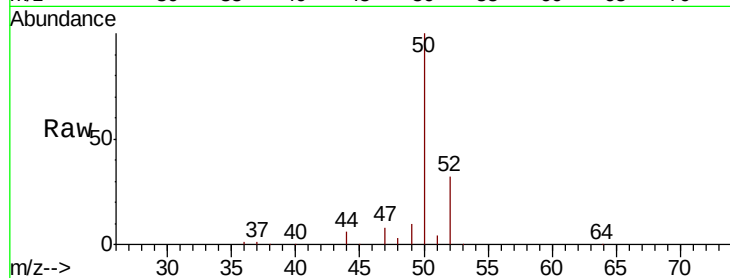
VX0802WBS01

Tot Ion: 50 Resp: 37416

Ion Ratio Lower Upper

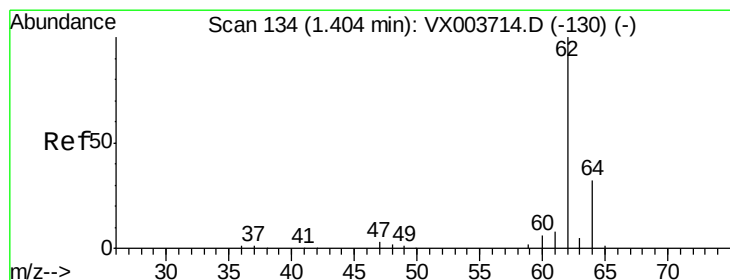
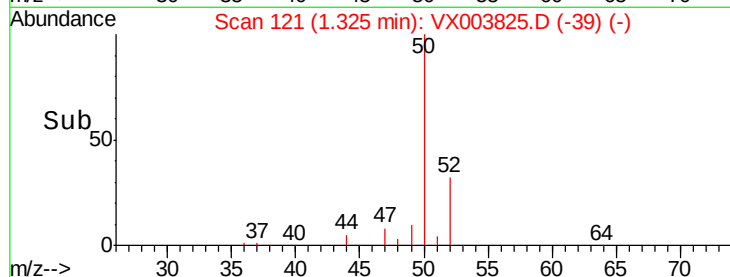
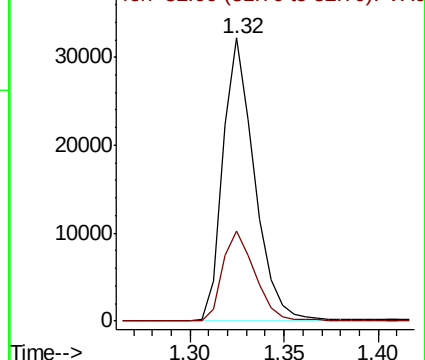
50 100

52 32.0 25.6 38.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.01 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003825.D

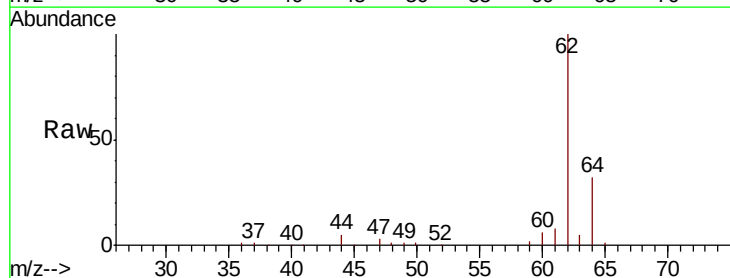
Acq: 02 Aug 2018 15:11

Tgt Ion: 62 Resp: 32226

Ion Ratio Lower Upper

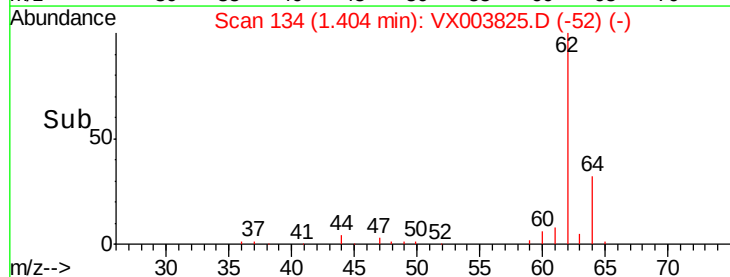
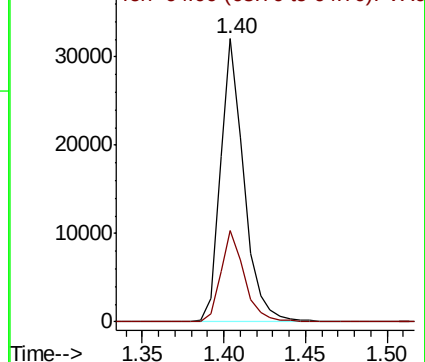
62 100

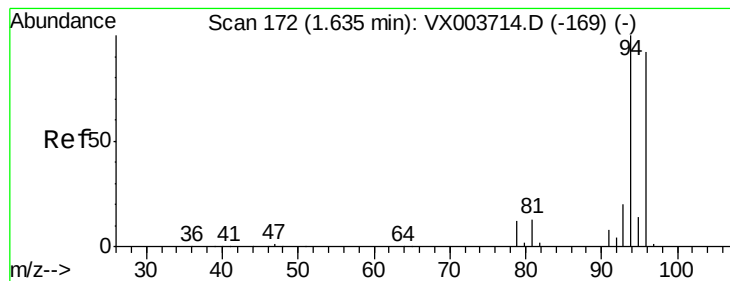
64 32.2 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 17.85 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

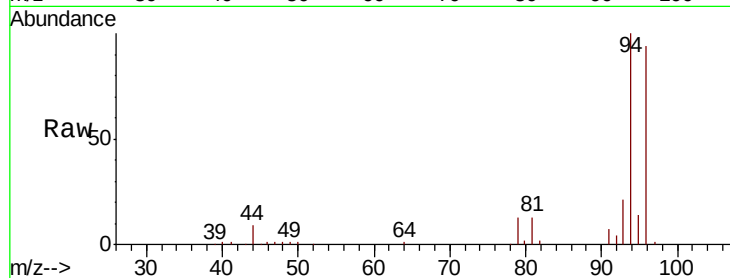
VX0802WBS01

Tot Ion: 94 Resp: 18081

Ion Ratio Lower Upper

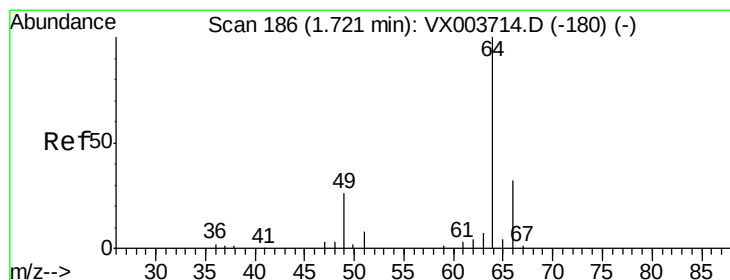
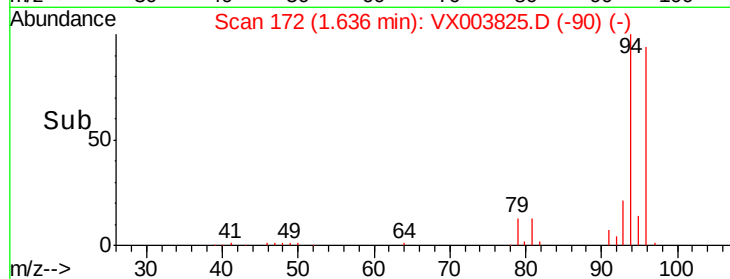
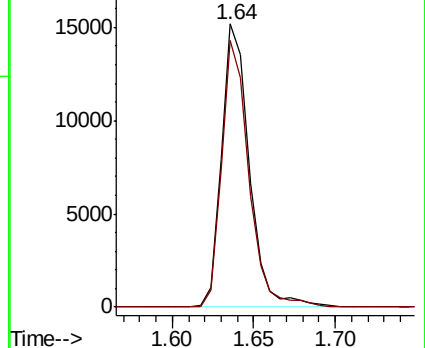
94 100

96 94.4 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.04 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003825.D

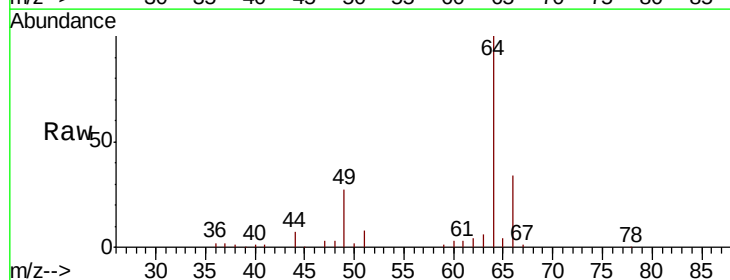
Acq: 02 Aug 2018 15:11

Tgt Ion: 64 Resp: 18901

Ion Ratio Lower Upper

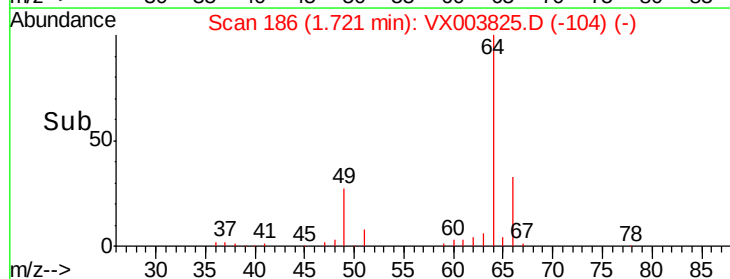
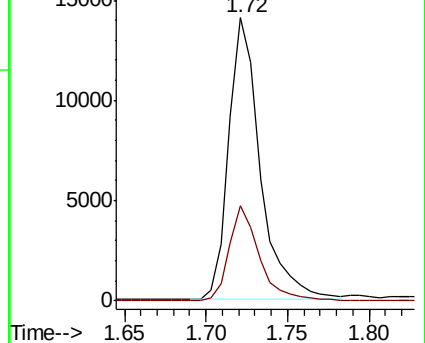
64 100

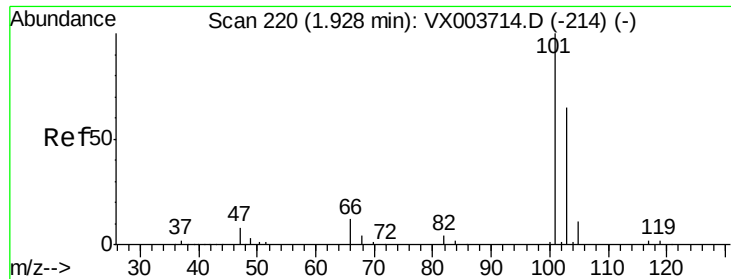
66 33.9 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



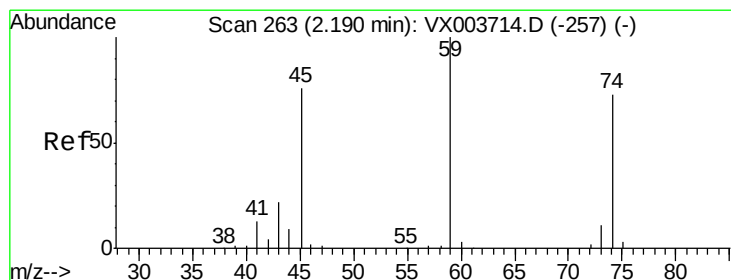
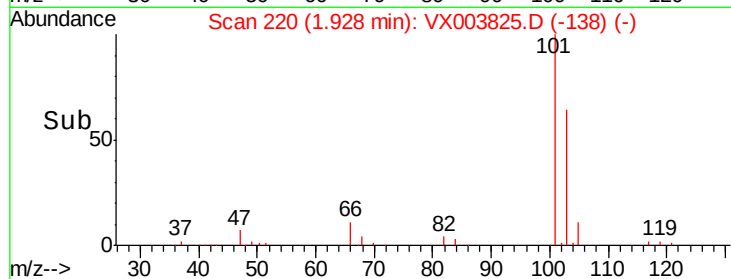
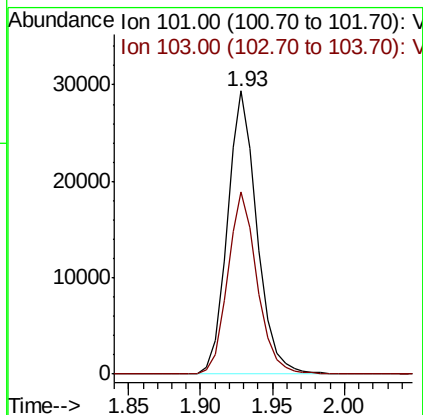
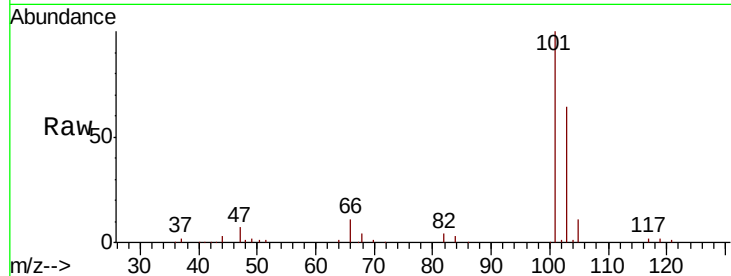


#7

Trichlorofluoromethane
 Concen: 18.52 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

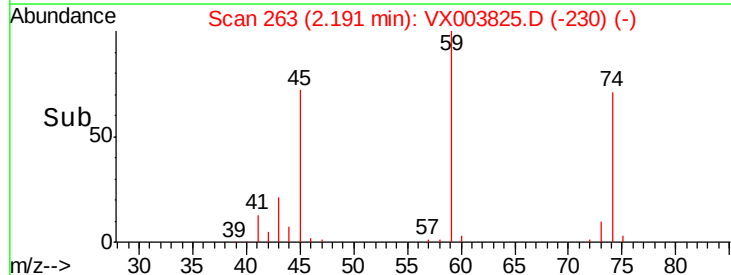
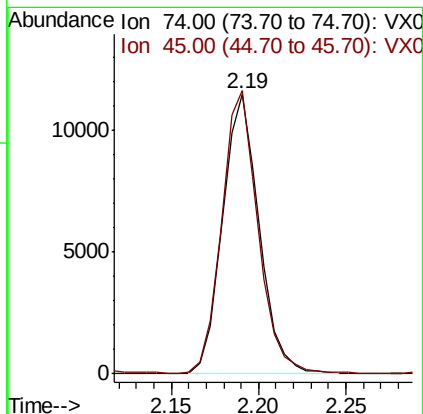
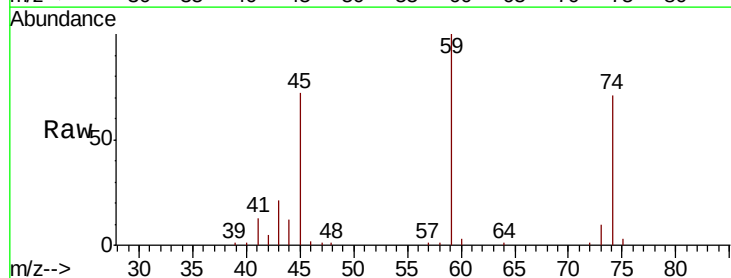
Tot Ion:101 Resp: 42222
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.5 77.3

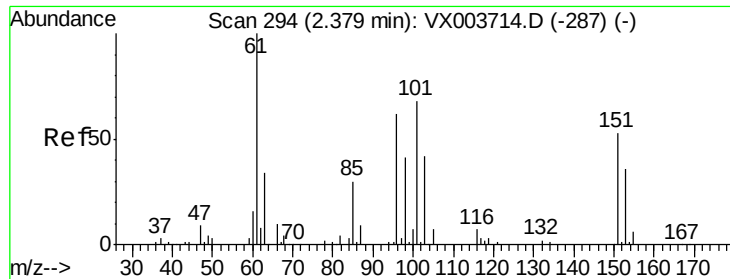


#8

Diethyl Ether
 Concen: 17.03 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion: 74 Resp: 16645
 Ion Ratio Lower Upper
 74 100
 45 101.0 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.01 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBS01

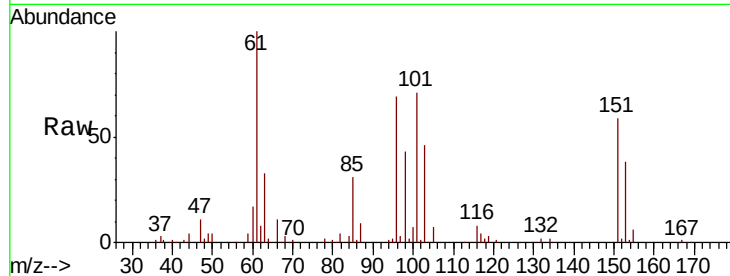
Tot Ion:101 Resp: 24891

Ion Ratio Lower Upper

101 100

85 43.1 0.0 87.0

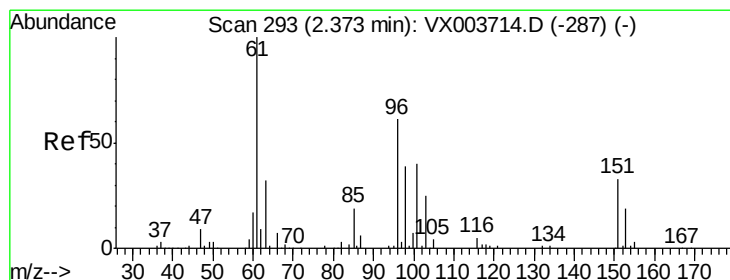
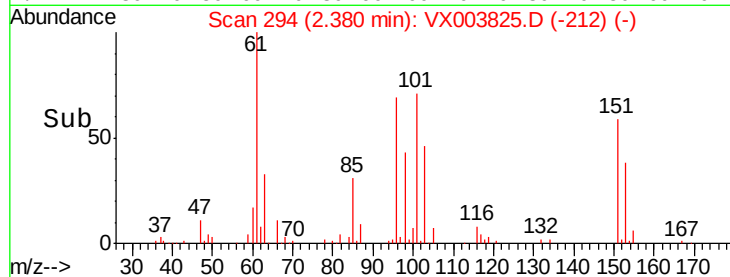
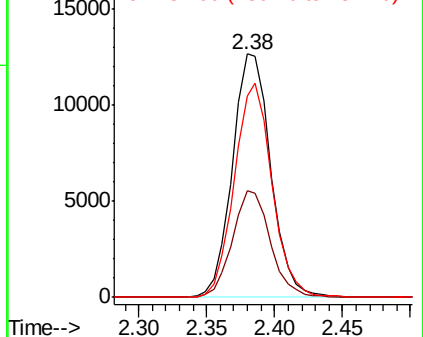
151 86.3 0.0 177.6



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: 18.28 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

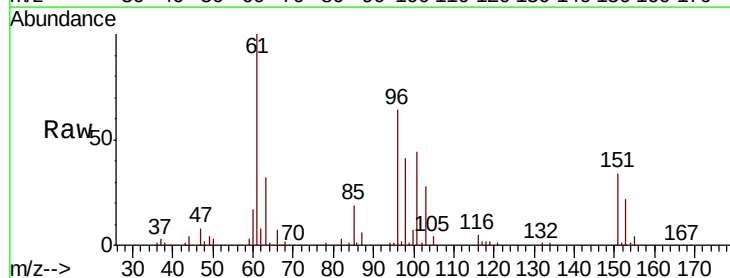
Tgt Ion: 96 Resp: 23765

Ion Ratio Lower Upper

96 100

61 155.7 137.5 206.3

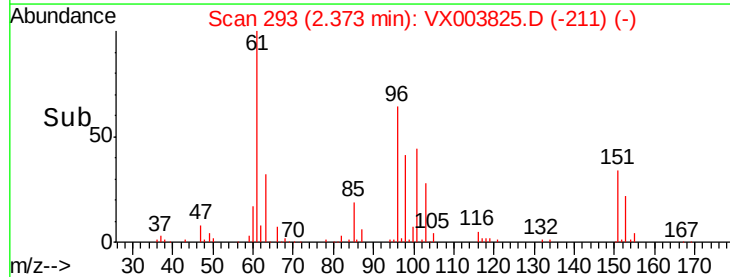
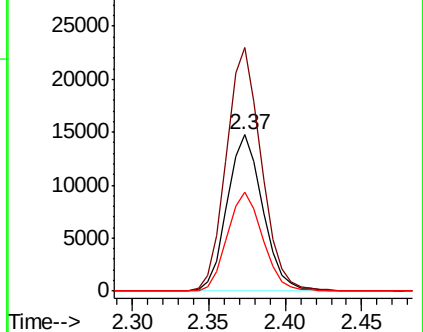
98 63.2 51.4 77.2

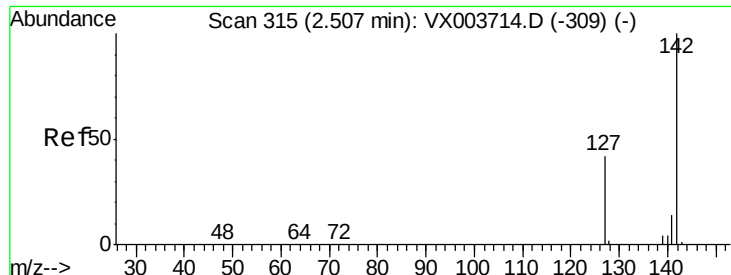


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

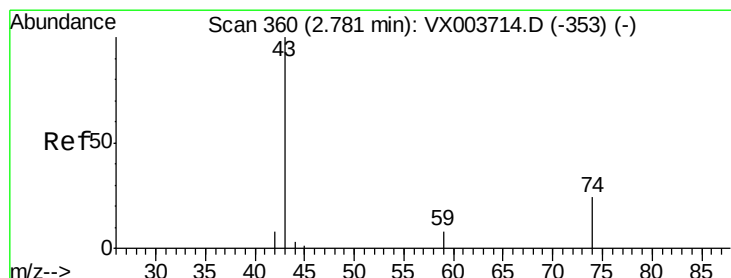
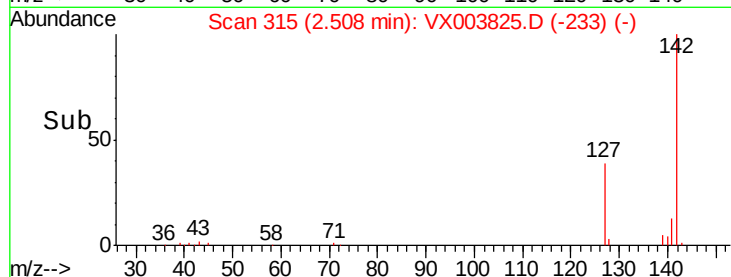
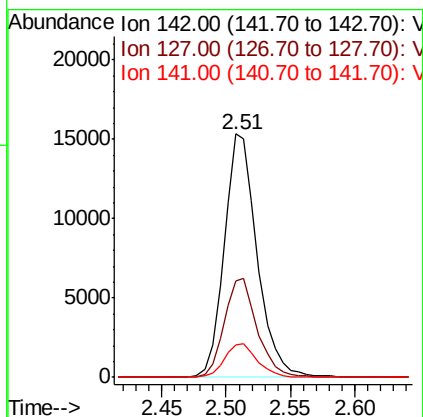
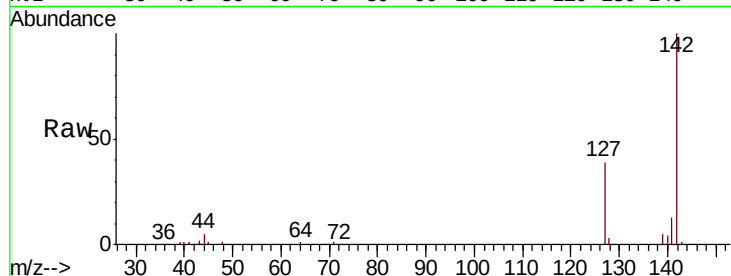




#11
Methyl Iodide
Concen: 15.19 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

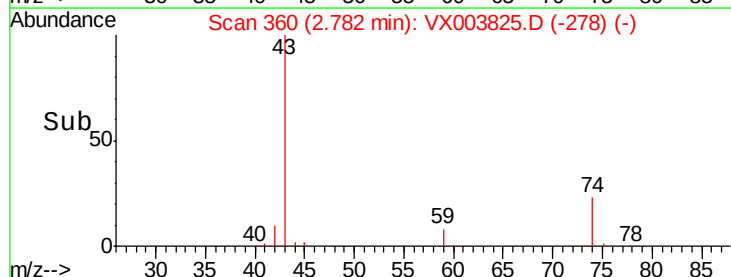
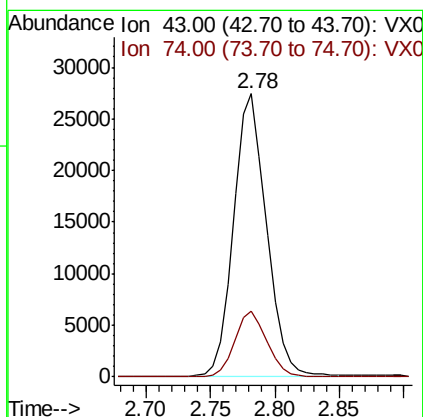
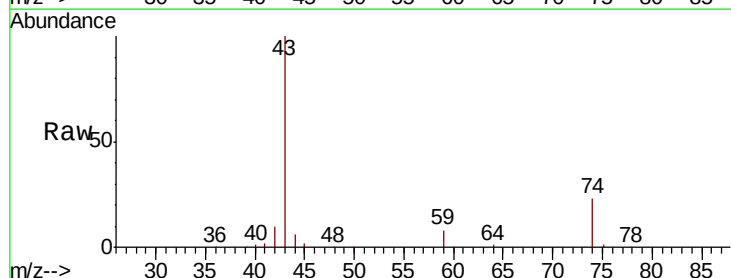
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

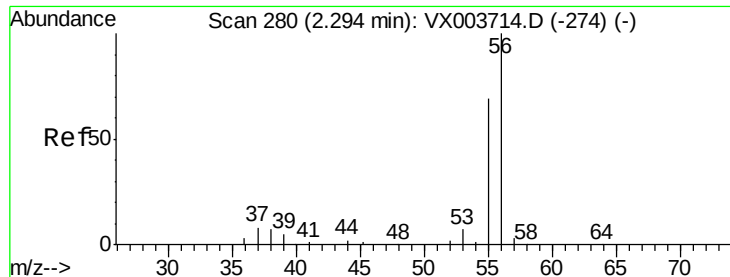
Tot Ion:142 Resp: 27376
Ion Ratio Lower Upper
142 100
127 39.5 23.2 69.6
141 13.4 7.4 22.2



#12
Methyl Acetate
Concen: 20.10 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 43 Resp: 48349
Ion Ratio Lower Upper
43 100
74 23.2 16.4 24.6





#13

Acrolein

Concen: 134.40 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

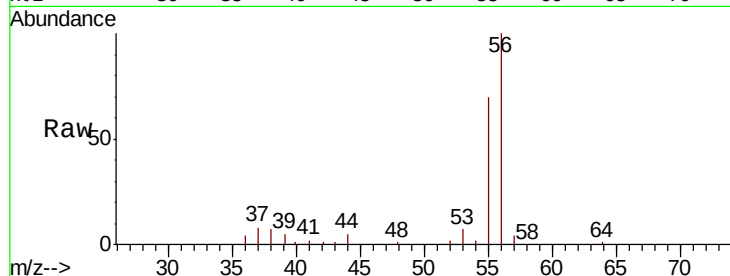
VX0802WBS01

Tot Ion: 56 Resp: 25210

Ion Ratio Lower Upper

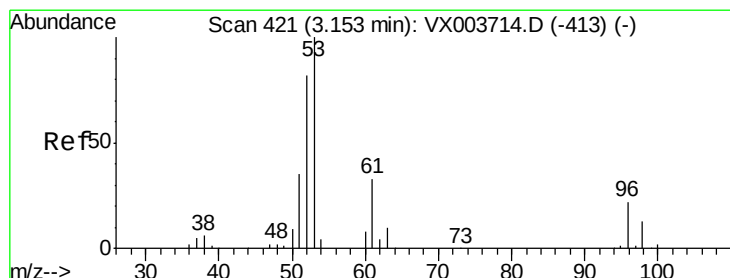
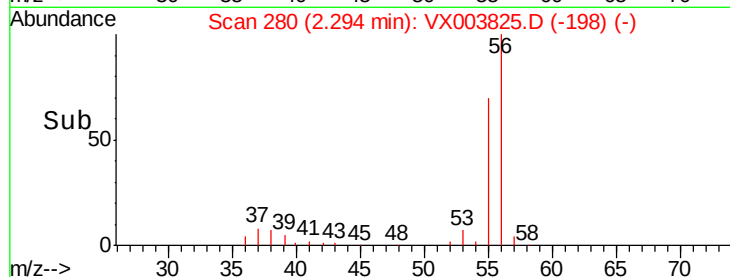
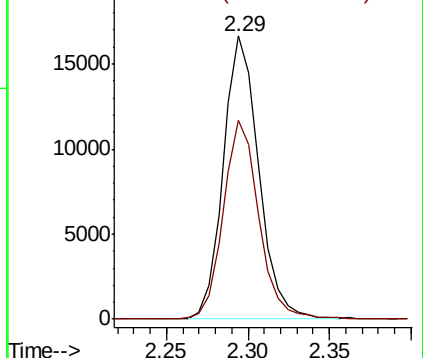
56 100

55 70.3 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: 82.73 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

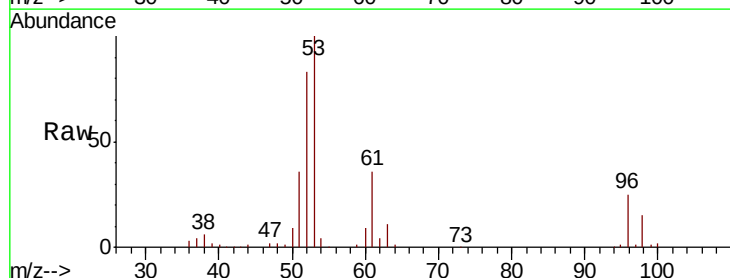
Tgt Ion: 53 Resp: 78400

Ion Ratio Lower Upper

53 100

52 82.5 41.5 124.6

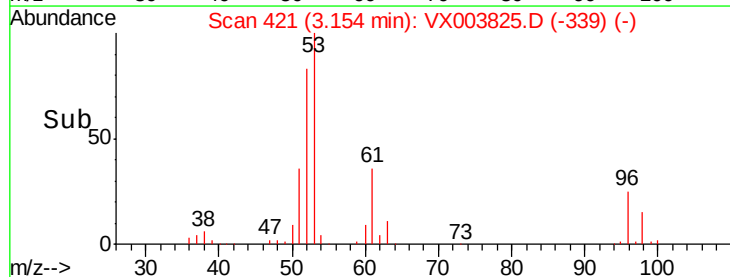
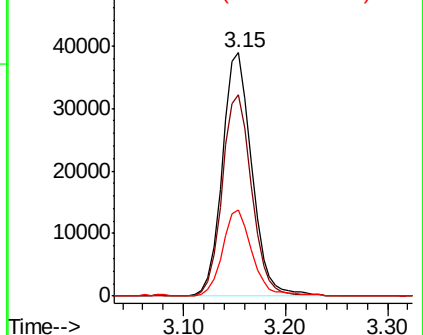
51 35.5 17.9 53.8

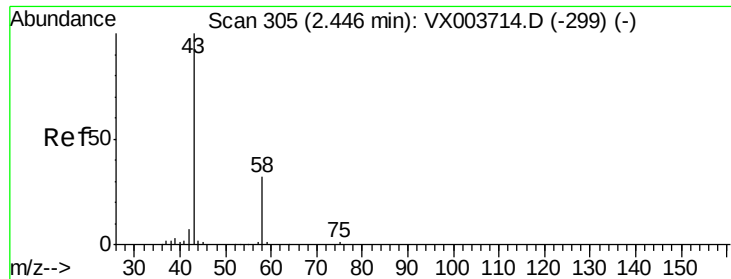


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 85.00 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

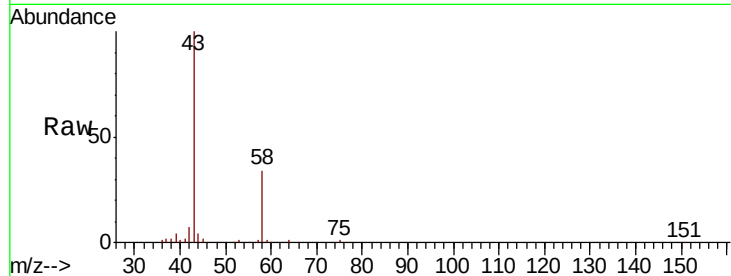
VX0802WBS01

Tot Ion: 58 Resp: 21857

Ion Ratio Lower Upper

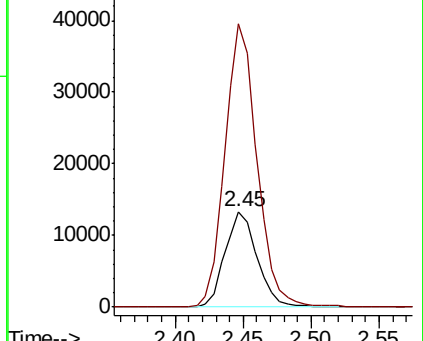
58 100

43 295.9 278.8 418.2

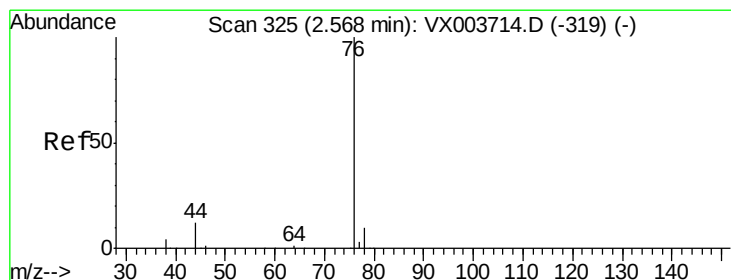
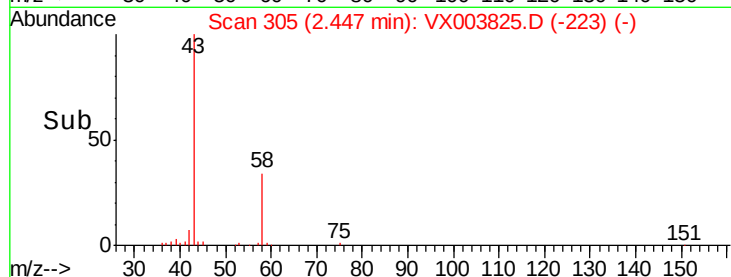


Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



Time-->



#16

Carbon Disulfide

Concen: 17.97 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003825.D

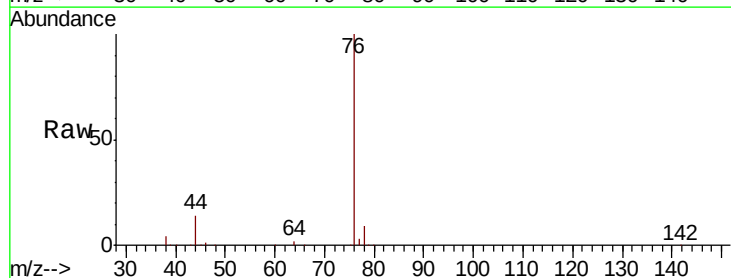
Acq: 02 Aug 2018 15:11

Tgt Ion: 76 Resp: 64849

Ion Ratio Lower Upper

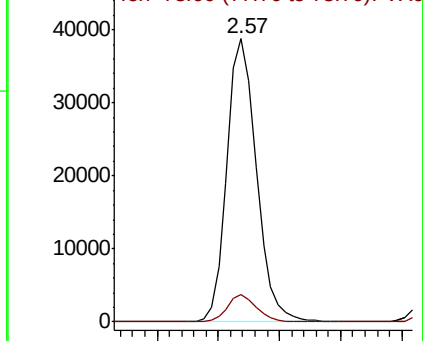
76 100

78 9.5 7.4 11.0

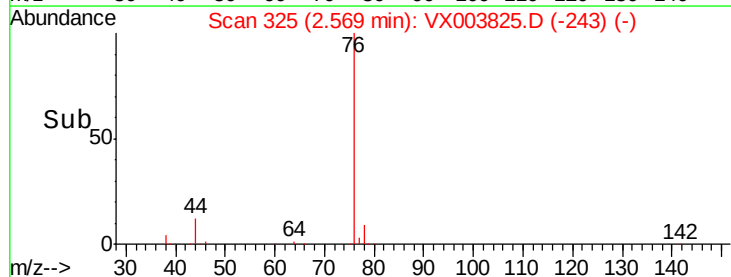


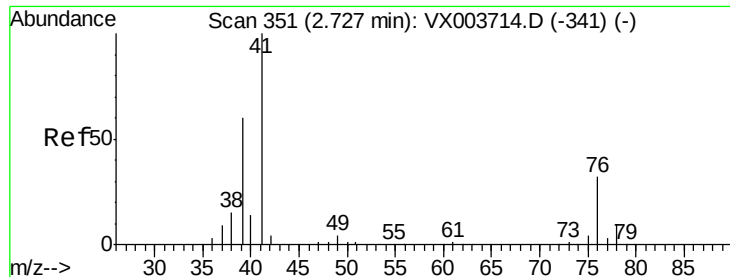
Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



Time-->

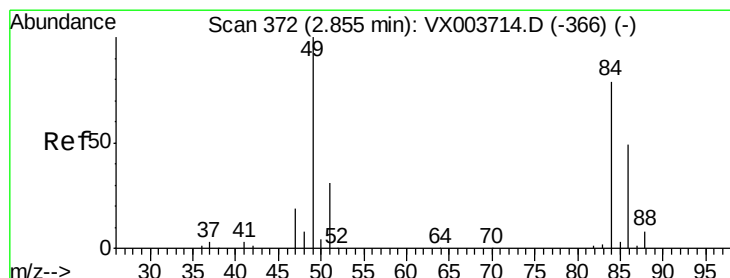
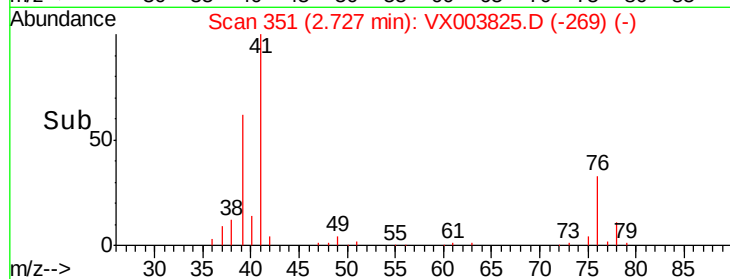
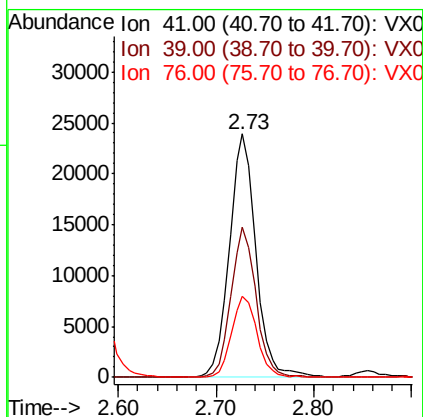
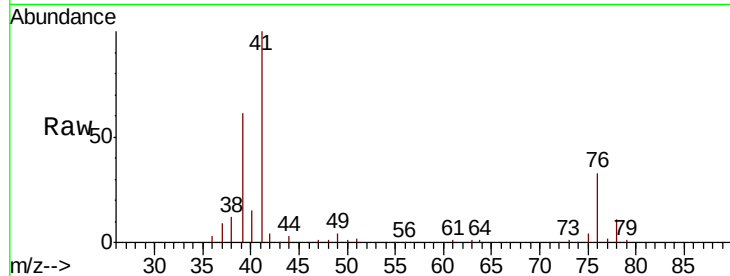




#17
Allvl chloride
Concen: 16.75 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

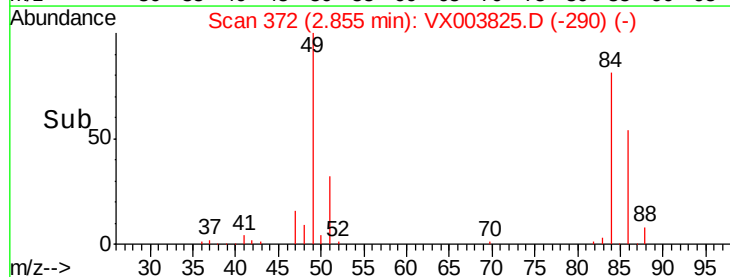
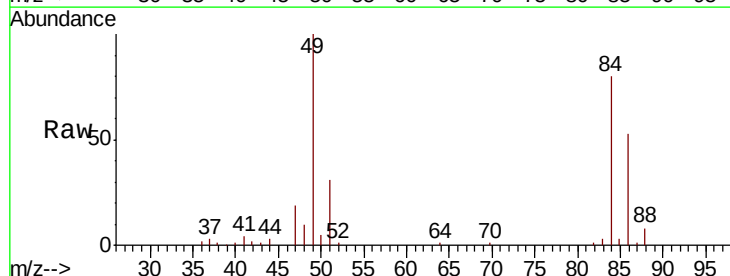
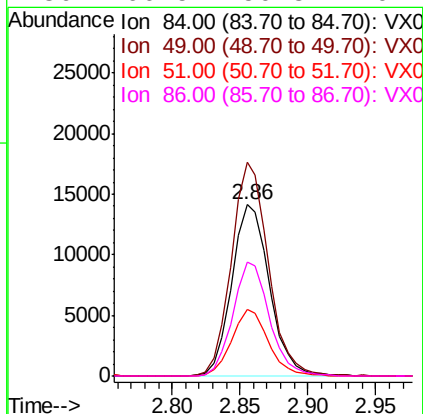
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

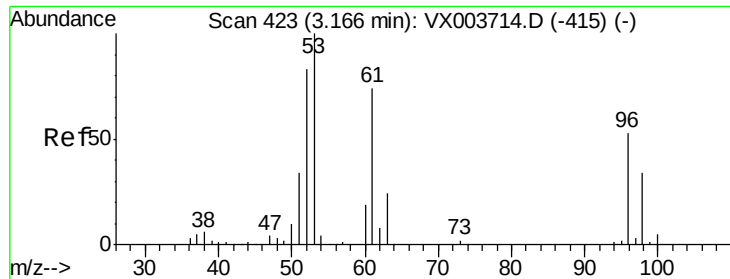
Tot Ion: 41 Resp: 45055
Ion Ratio Lower Upper
41 100
39 61.5 34.6 103.8
76 33.2 15.0 45.1



#18
Methylene Chloride
Concen: 17.76 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 84 Resp: 27344
Ion Ratio Lower Upper
84 100
49 124.6 104.7 157.1
51 39.1 31.0 46.4
86 66.5 50.8 76.2

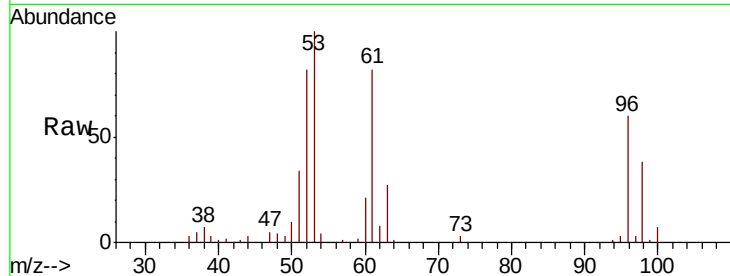




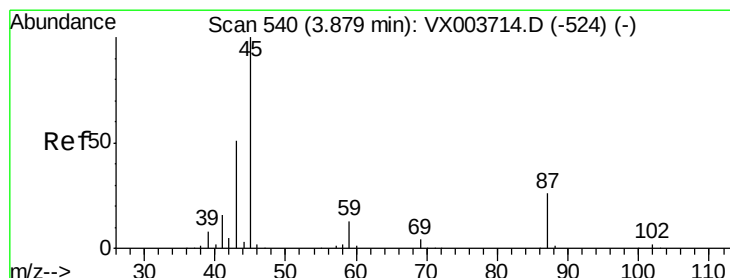
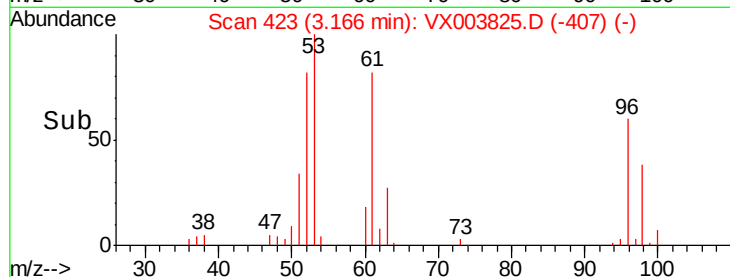
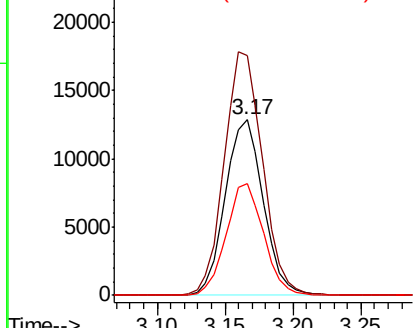
#19
trans-1,2-Dichloroethene
Concen: 17.83 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

Tot Ion: 96 Resp: 25047
Ion Ratio Lower Upper
96 100
61 136.5 114.6 172.0
98 63.4 51.3 76.9

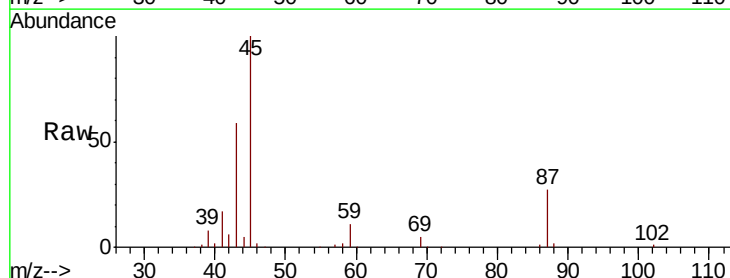


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

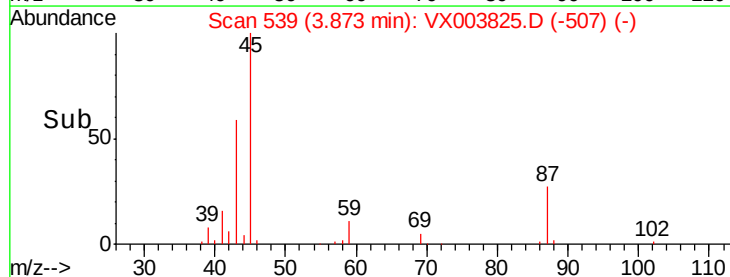
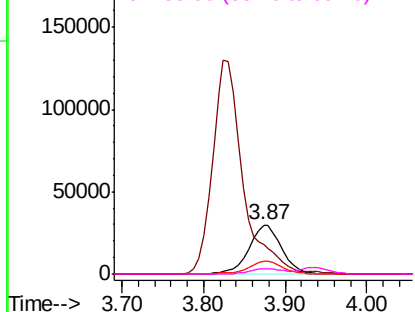


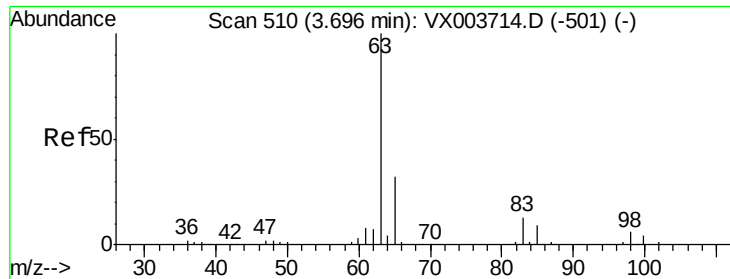
#20
Diisopropyl ether
Concen: 16.78 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 45 Resp: 82883
Ion Ratio Lower Upper
45 100
43 57.4 45.6 68.4
87 26.9 20.7 31.1
59 11.3 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 17.23 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampled :

VX0802WBS01

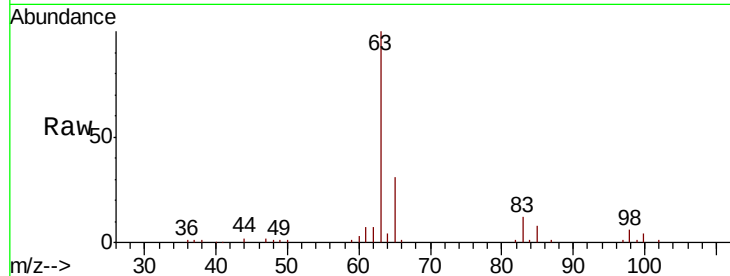
Tot Ion: 63 Resp: 48187

Ion Ratio Lower Upper

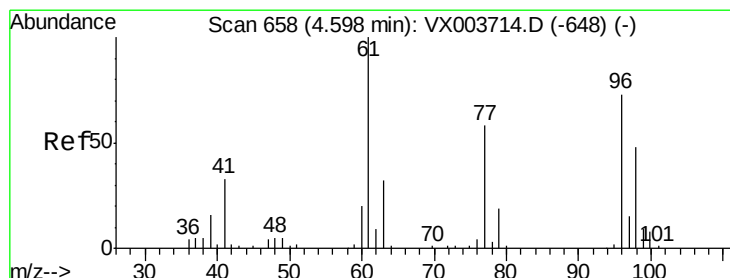
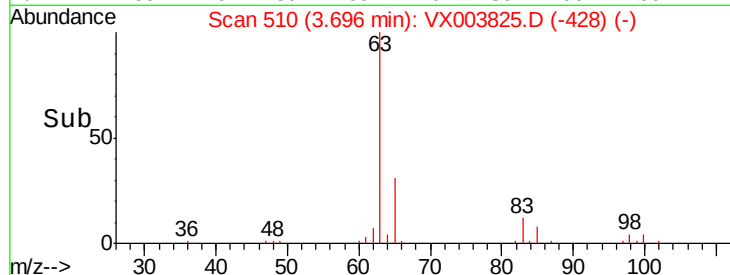
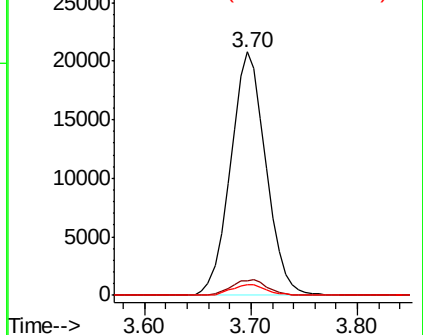
63 100

98 6.2 3.1 9.3

100 4.2 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: 19.39 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

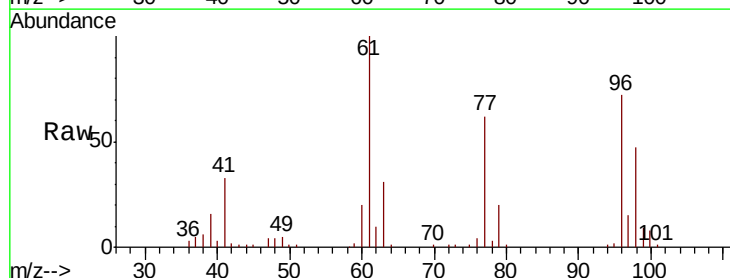
Tgt Ion: 96 Resp: 27504

Ion Ratio Lower Upper

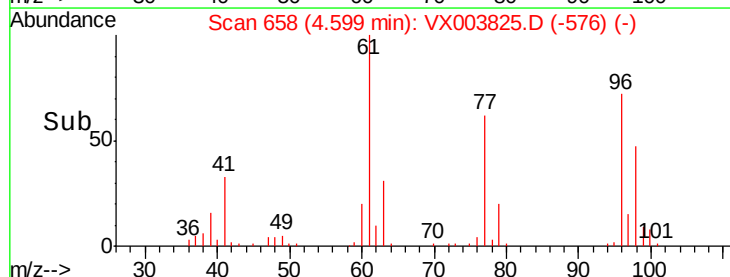
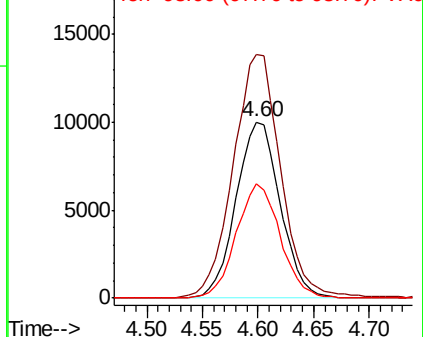
96 100

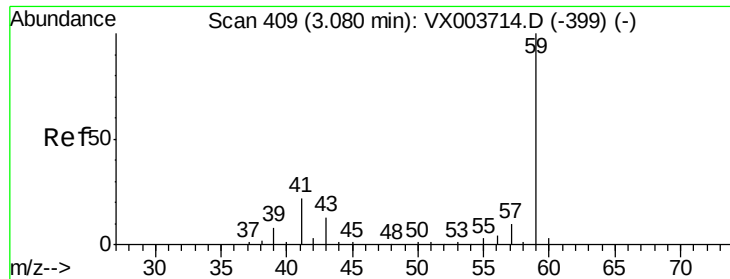
61 149.7 160.2 240.2#

98 64.4 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

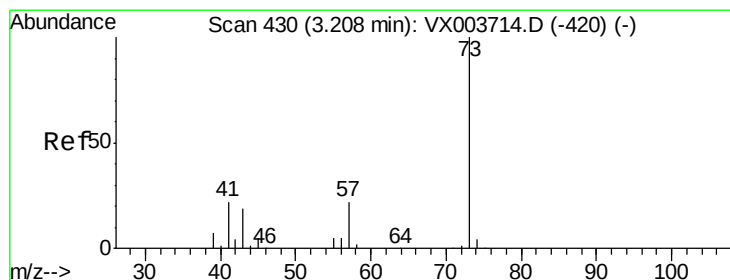
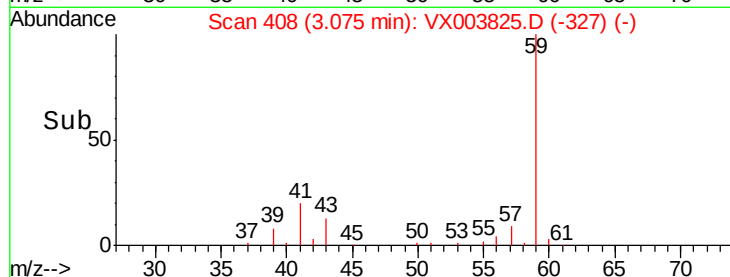
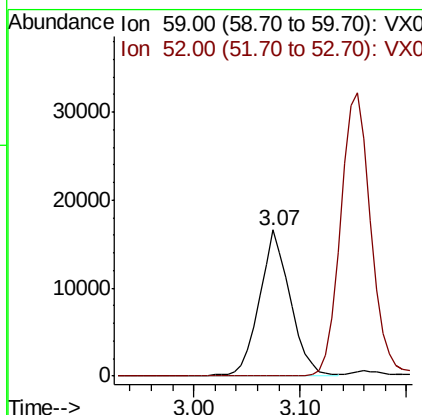
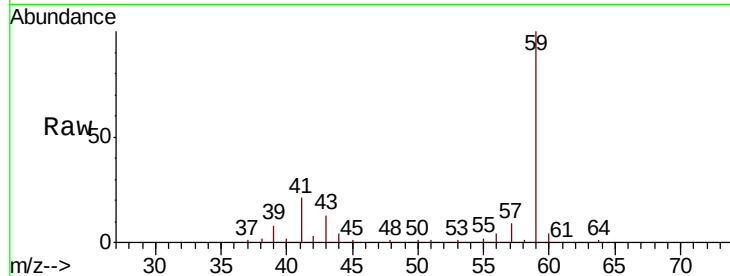




#23
 tert-Butyl Alcohol
 Concen: 84.96 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

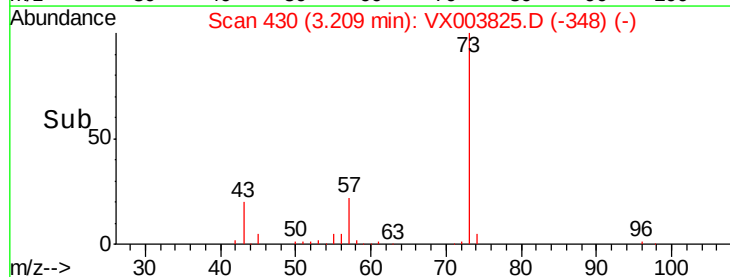
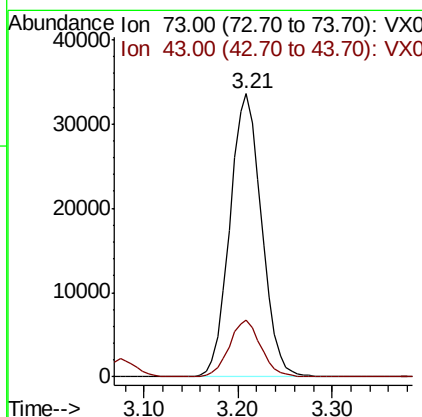
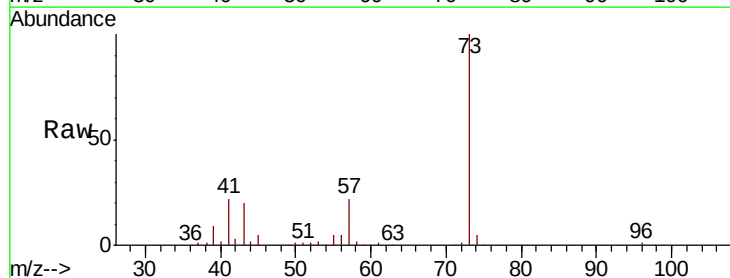
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

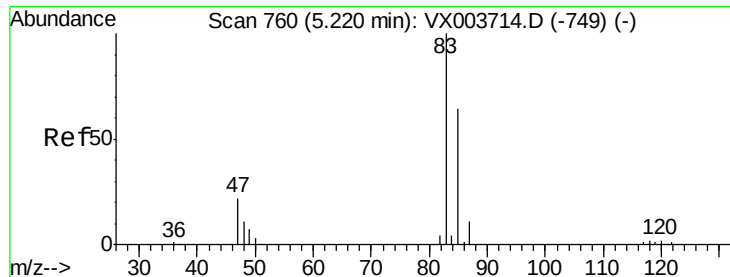
Tot Ion: 59 Resp: 33818
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 16.91 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion: 73 Resp: 78813
 Ion Ratio Lower Upper
 73 100
 43 19.6 19.0 28.4

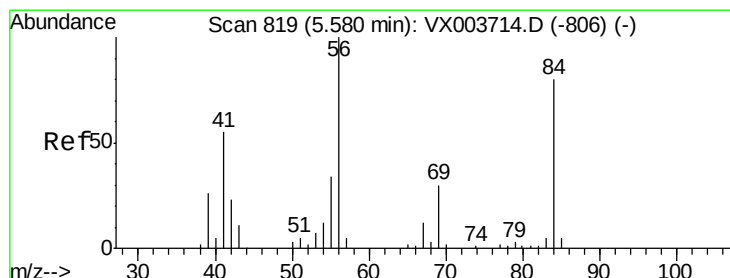
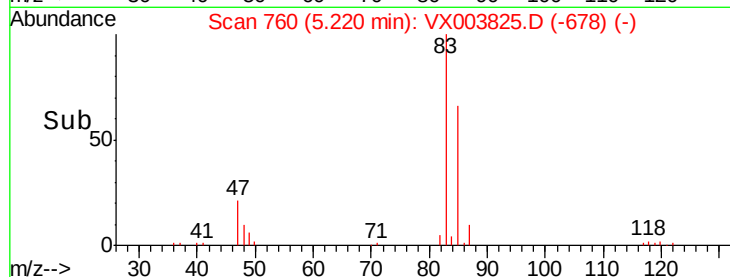
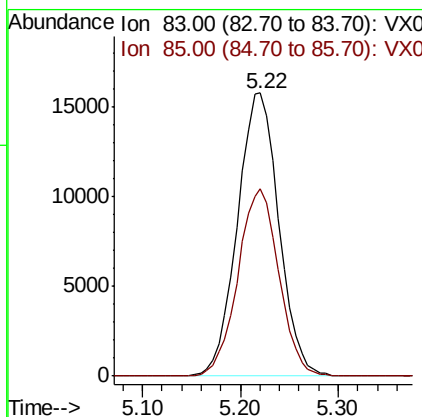
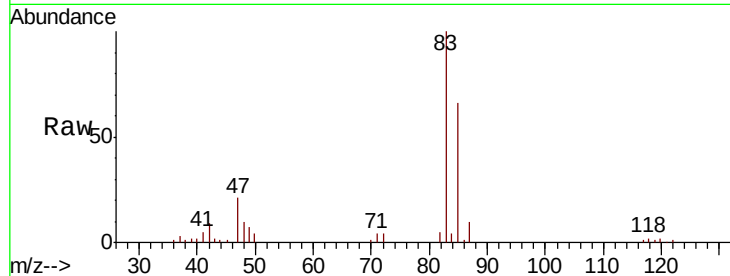




#25
Chloroform
Concen: 19.23 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

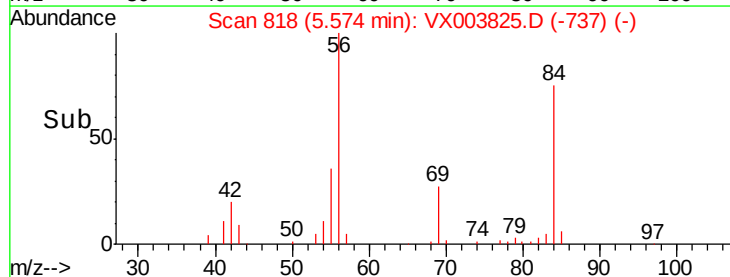
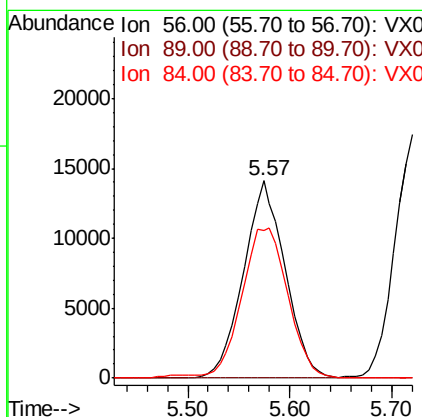
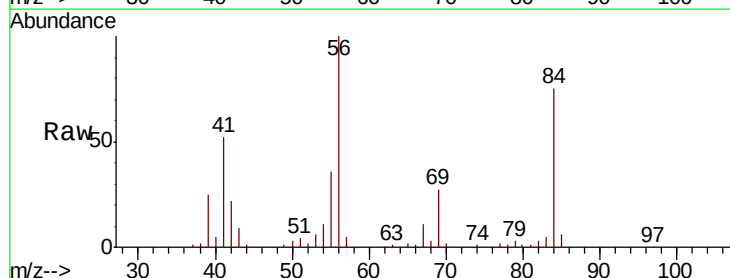
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

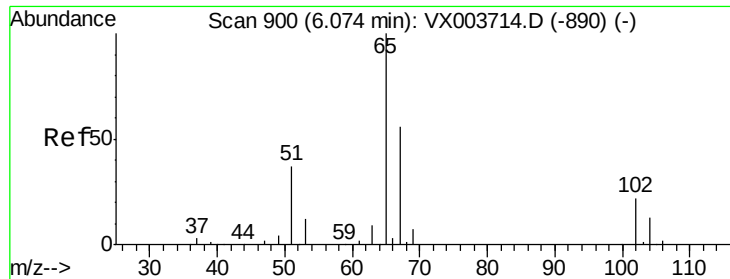
Tot Ion: 83 Resp: 46580
Ion Ratio Lower Upper
83 100
85 66.1 51.9 77.9



#26
Cyclohexane
Concen: 19.06 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 56 Resp: 40051
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.0 64.9 97.3

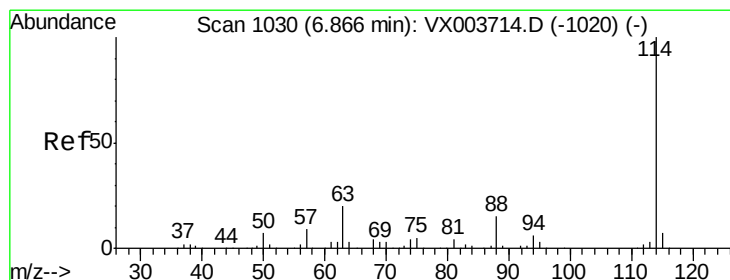
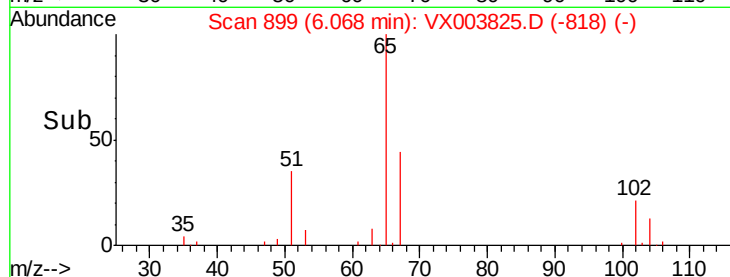
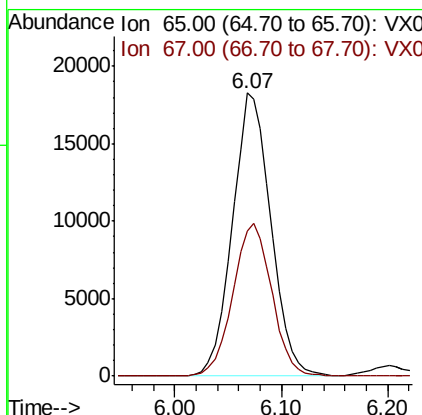
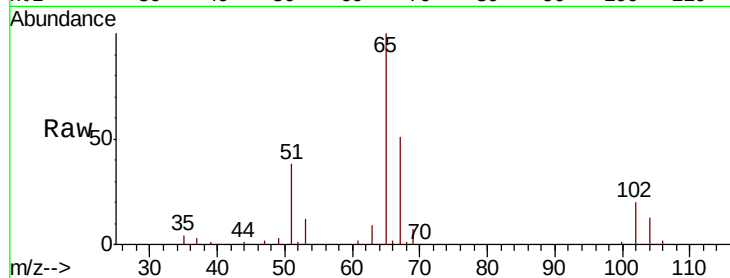




#27
 1,2-Dichloroethane-d4
 Concen: 27.77 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

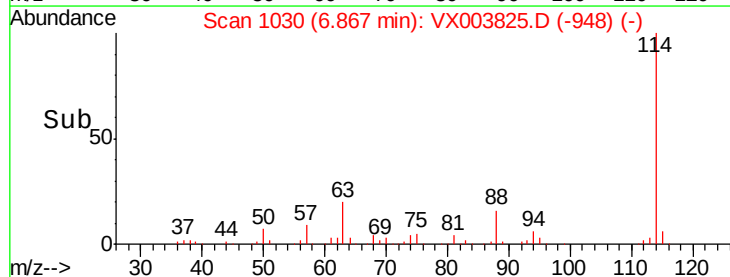
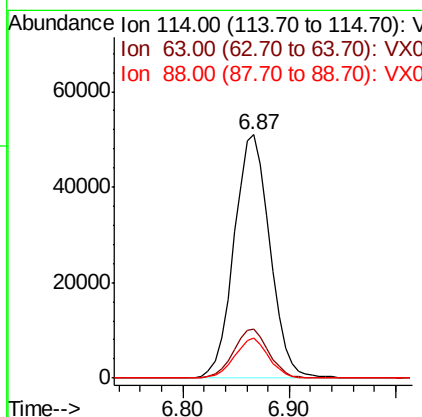
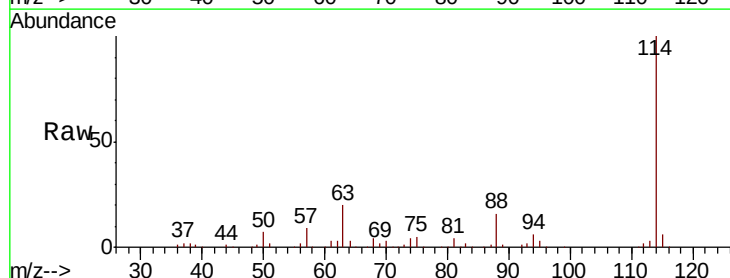
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

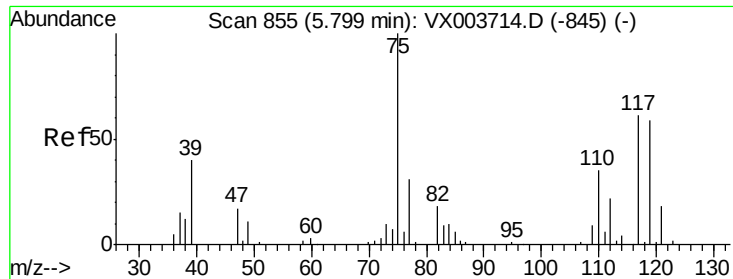
Tot Ion: 65 Resp: 46214
 Ion Ratio Lower Upper
 65 100
 67 54.5 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion: 114 Resp: 120363
 Ion Ratio Lower Upper
 114 100
 63 19.7 17.1 25.7
 88 15.5 12.6 19.0

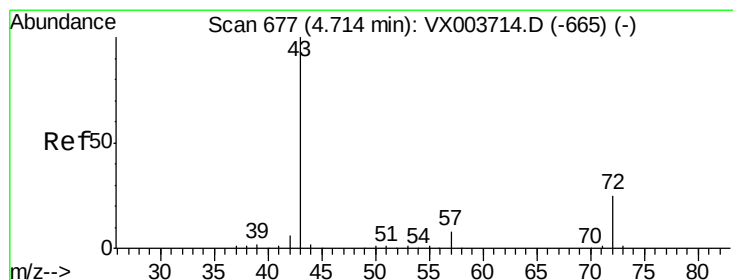
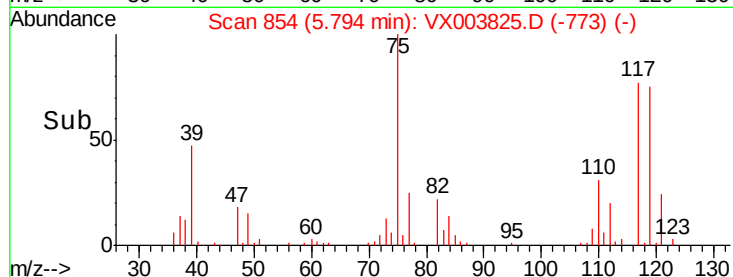
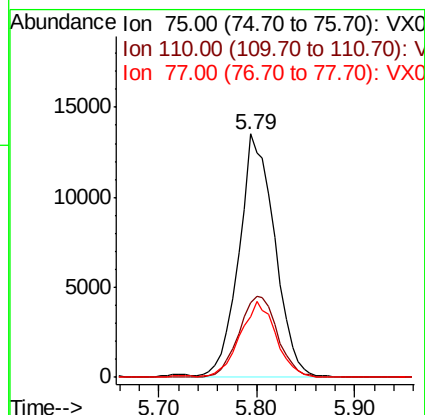
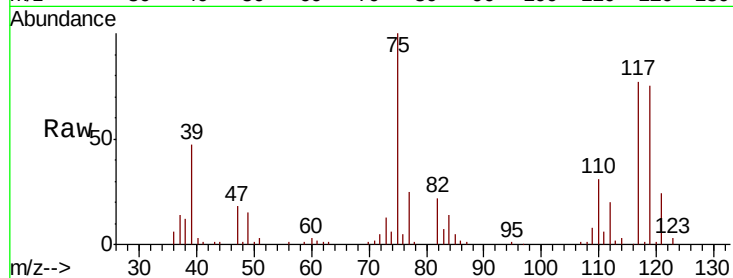




#29
 1,1-Dichloropropene
 Concen: 19.32 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

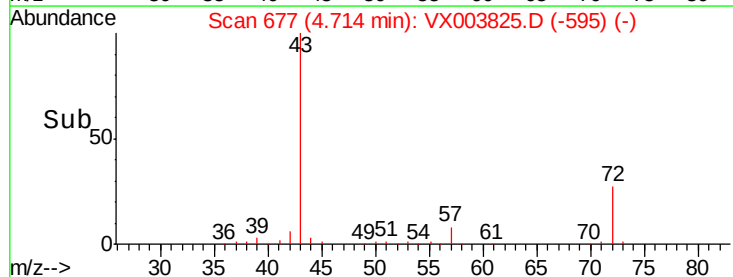
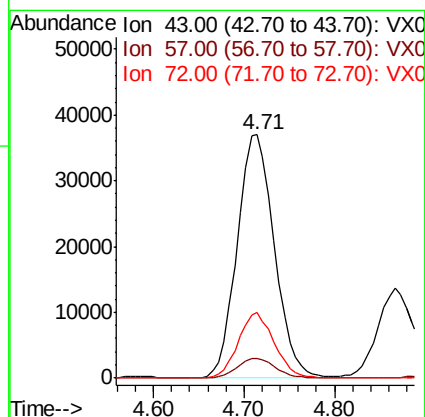
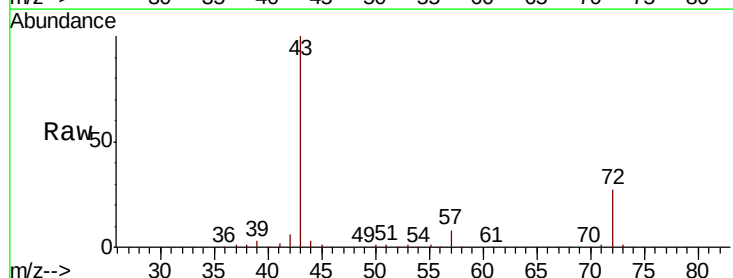
Instrument :
 MSVOA_X
 ClientSampled :
 VX0802WBS01

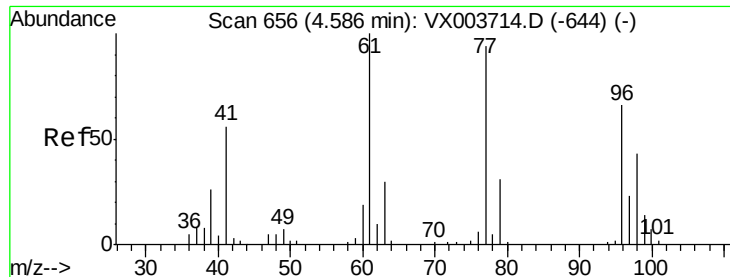
Tot Ion: 75 Resp: 34340
 Ion Ratio Lower Upper
 75 100
 110 35.8 0.0 71.4
 77 31.2 0.0 60.6



#30
 2-Butanone
 Concen: 92.92 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion: 43 Resp: 105473
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.1 9.1
 72 25.8 18.1 27.1

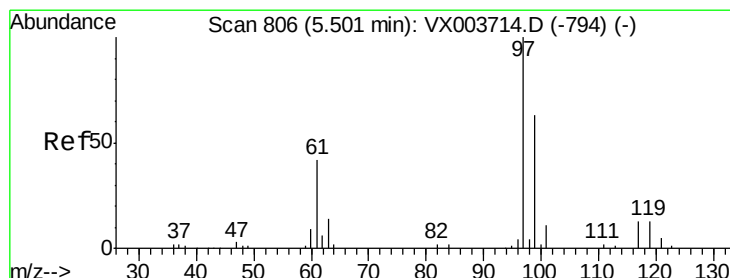
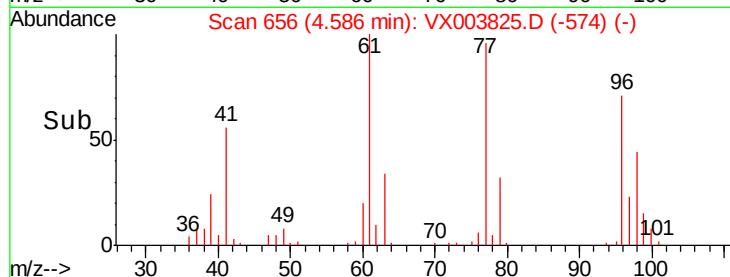
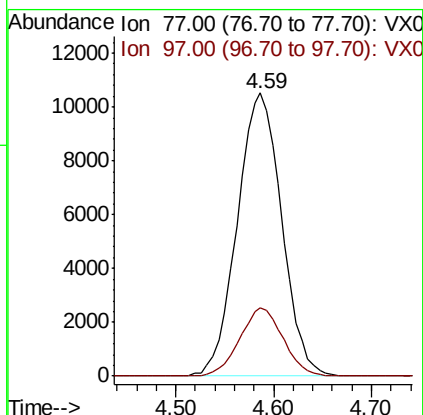
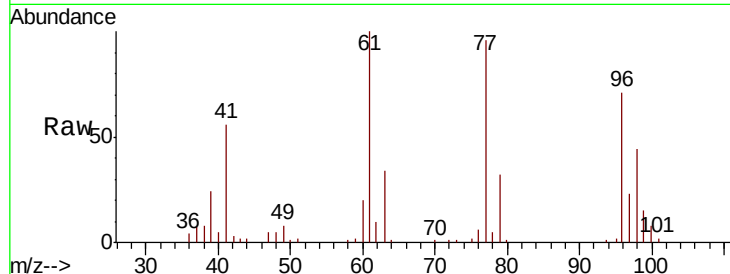




#31
 2,2-Dichloropropane
 Concen: 19.25 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

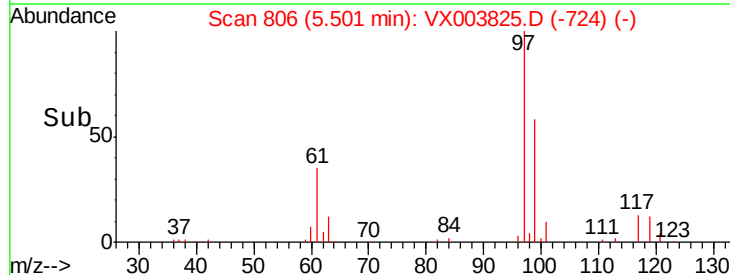
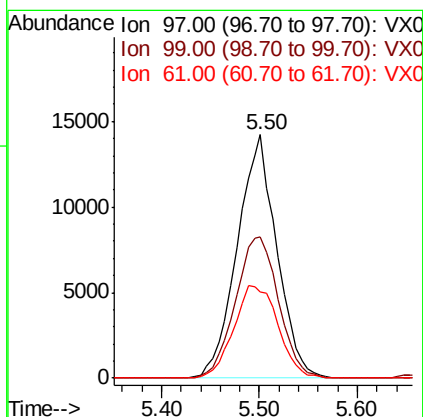
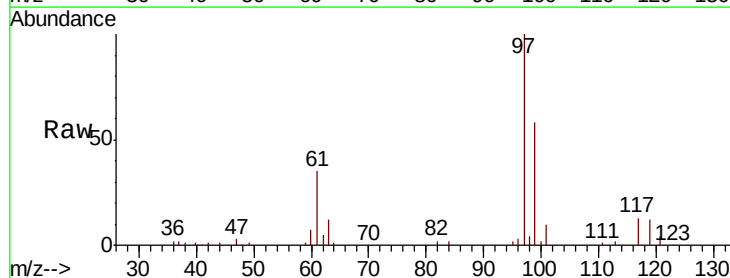
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

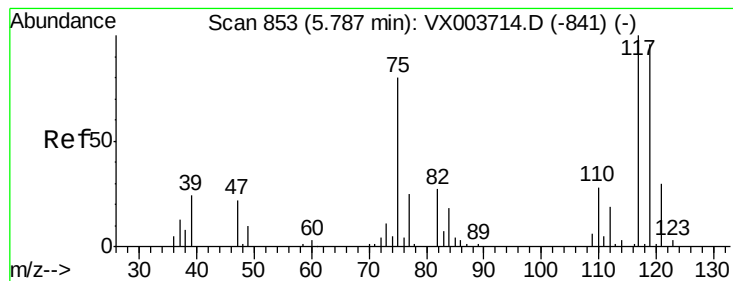
Tot Ion: 77 Resp: 33149
 Ion Ratio Lower Upper
 77 100
 97 23.6 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 19.59 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion: 97 Resp: 39845
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.7 77.5
 61 42.5 36.4 54.6





#33

Carbon Tetrachloride

Concen: 19.42 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBS01

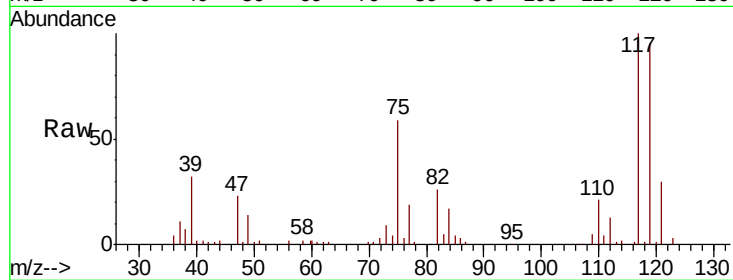
Tot Ion:117 Resp: 34315

Ion Ratio Lower Upper

117 100

119 94.7 73.3 109.9

121 30.2 23.6 35.4

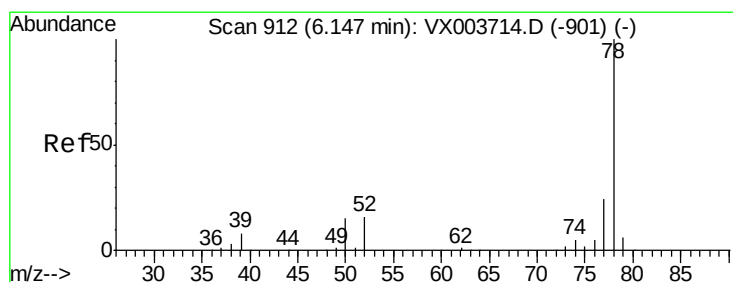
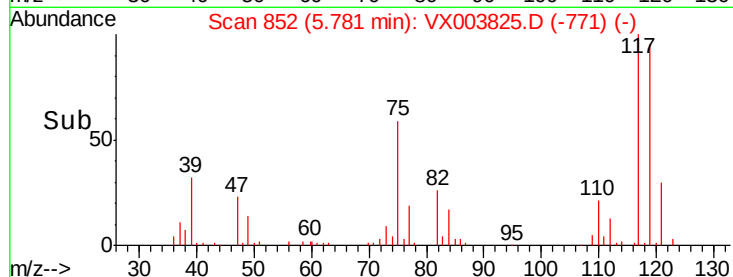
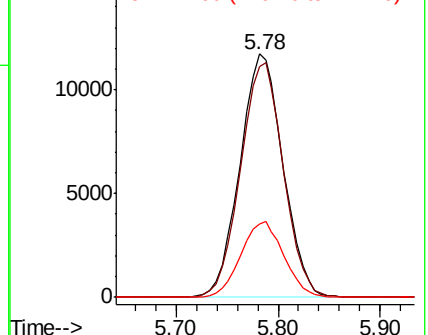


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.33 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

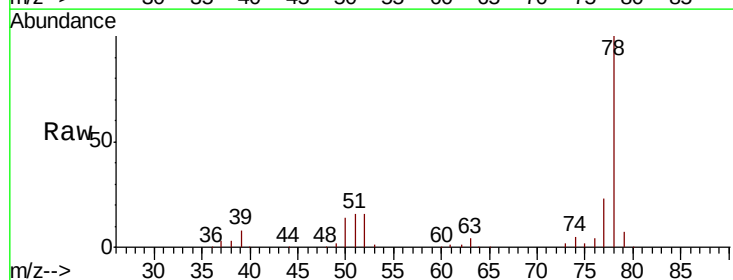
Tgt Ion: 78 Resp: 105580

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

51 16.2 13.8 20.6

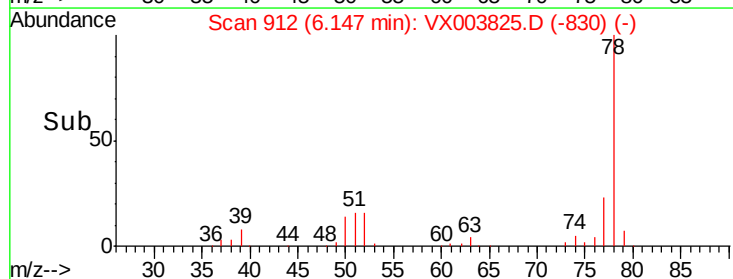
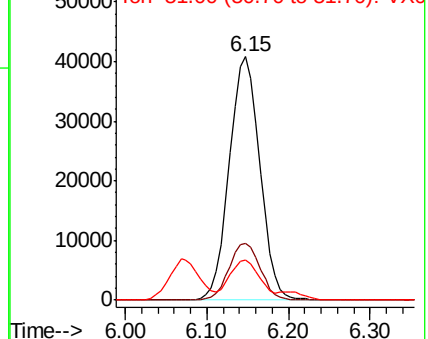


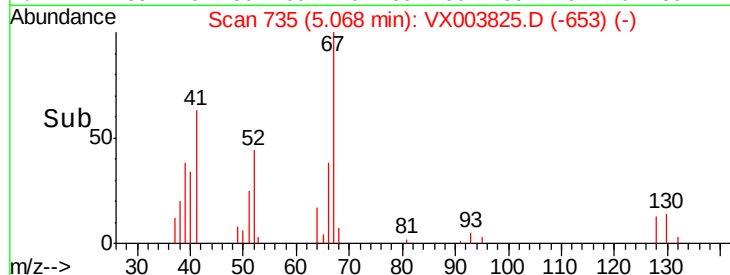
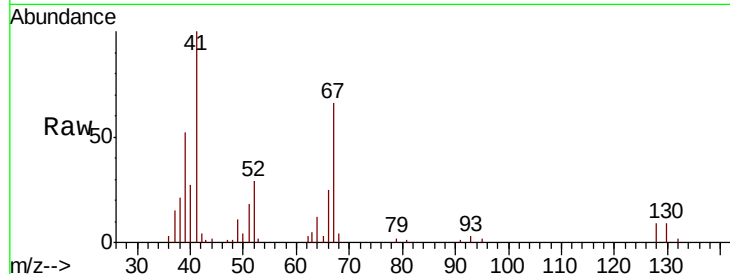
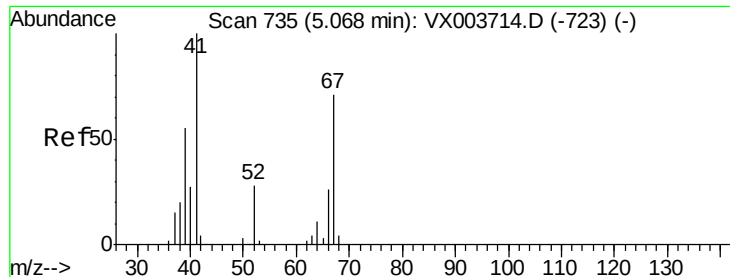
Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

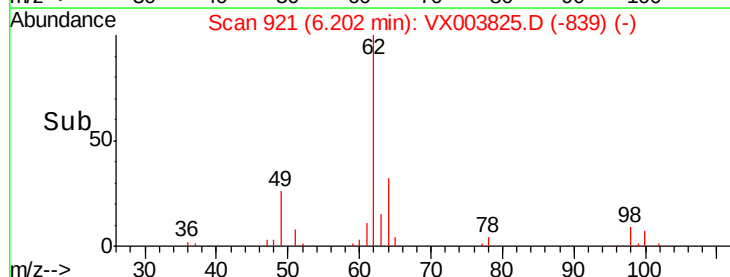
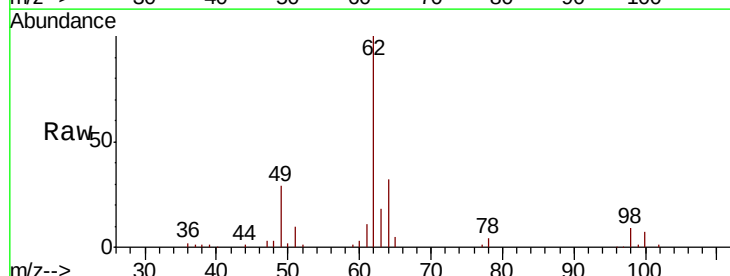
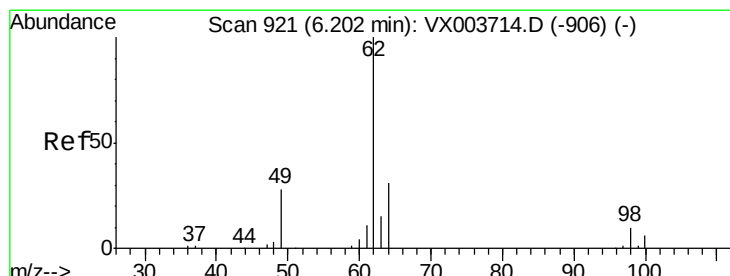
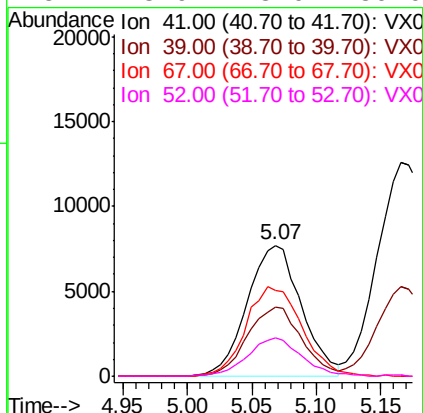




#35
Methacrylonitrile
Concen: 19.08 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

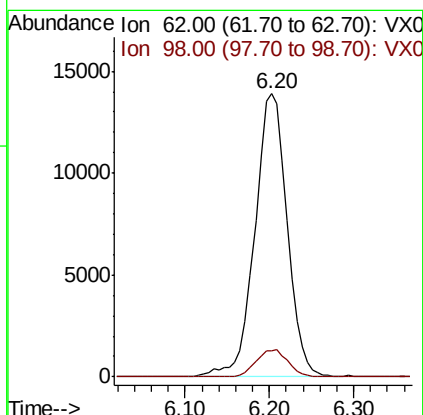
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

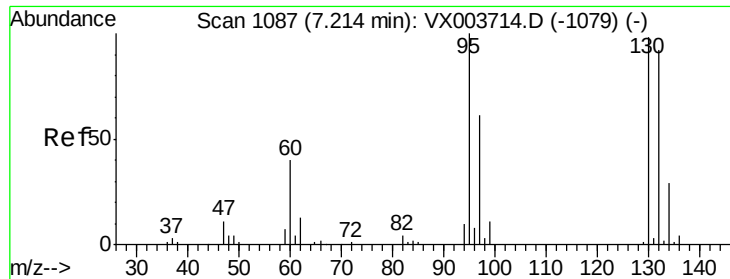
Tot Ion:	41	Resp:	22504
Ion	Ratio	Lower	Upper
41	100		
39	52.5	28.8	86.5
67	65.9	30.4	91.2
52	28.9	13.0	39.0



#36
1,2-Dichloroethane
Concen: 18.64 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion:	62	Resp:	36579
Ion	Ratio	Lower	Upper
62	100		
98	9.5	6.5	9.7

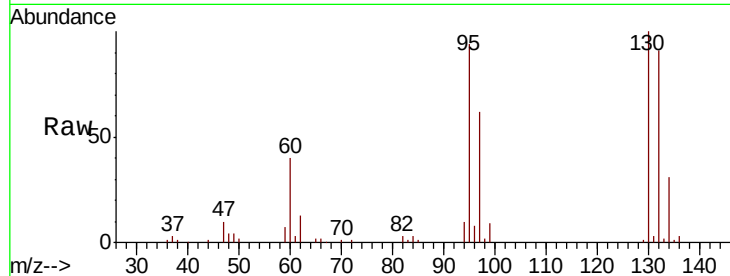




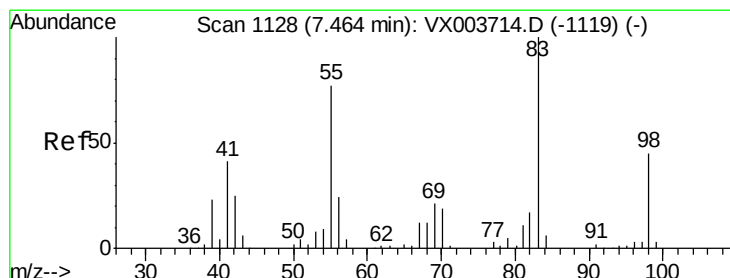
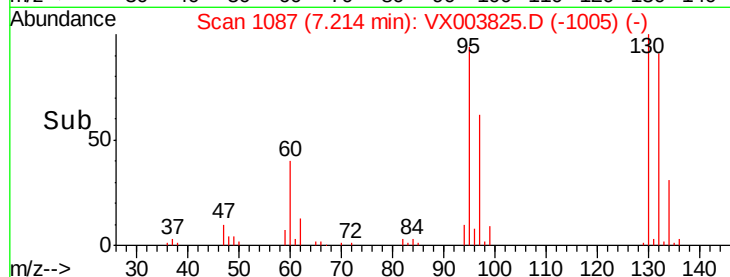
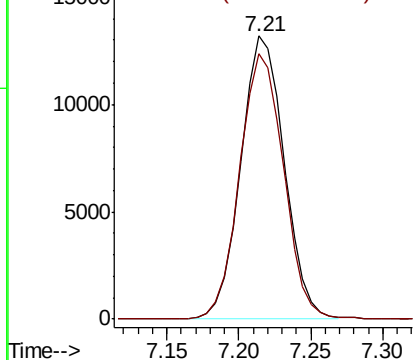
#37
 Trichloroethene
 Concen: 19.41 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

Tot Ion:130 Resp: 27621
 Ion Ratio Lower Upper
 130 100
 95 93.6 81.5 122.3

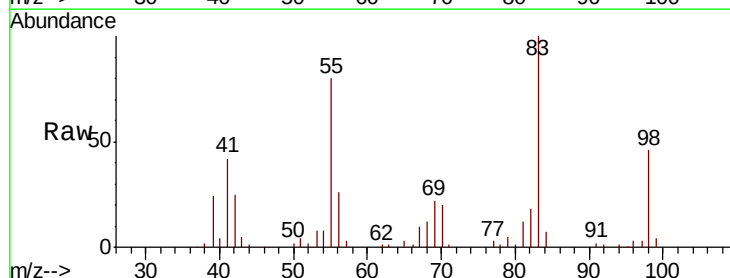


Abundance Ion 129.90 (129.60 to 130.60): VX0
 Ion 94.90 (94.60 to 95.60): VX0

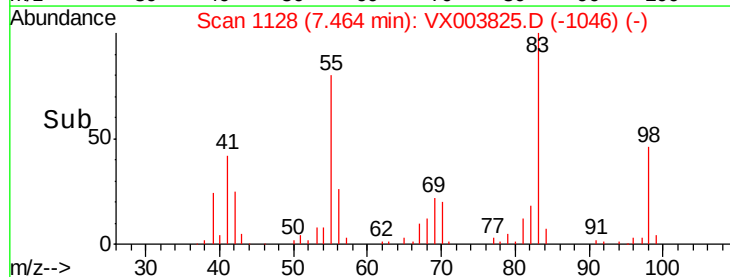
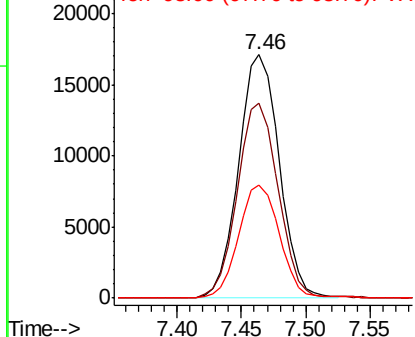


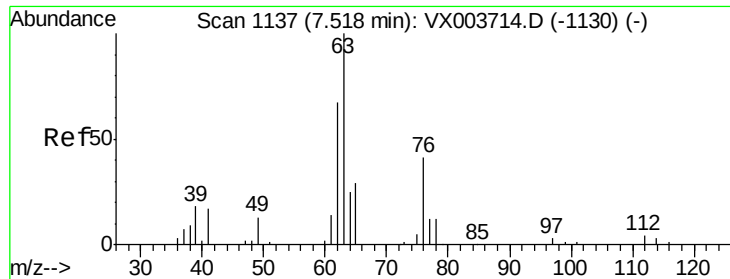
#38
 Methylcyclohexane
 Concen: 18.57 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion: 83 Resp: 37507
 Ion Ratio Lower Upper
 83 100
 55 80.4 40.6 121.8
 98 46.6 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

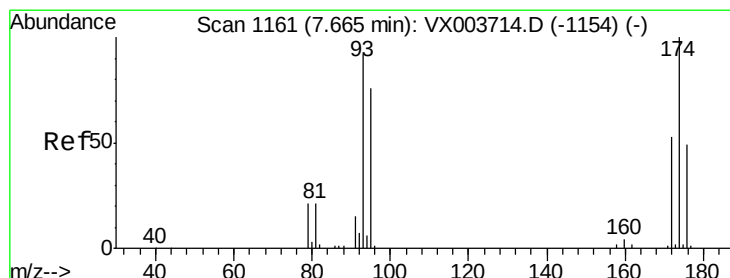
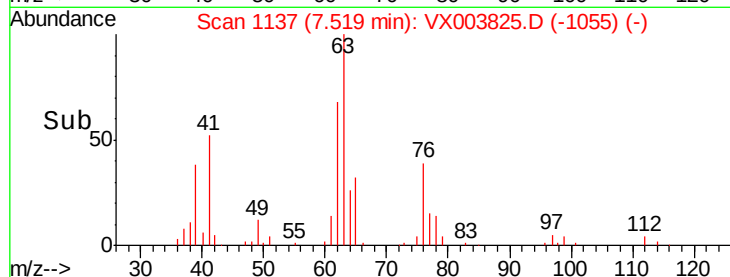
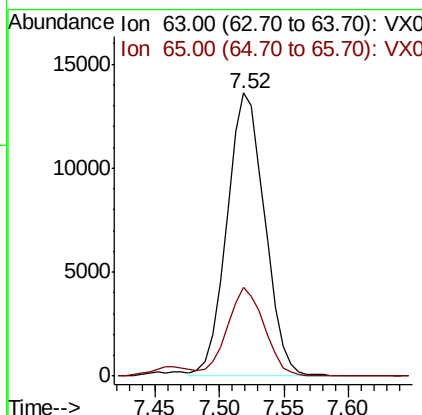
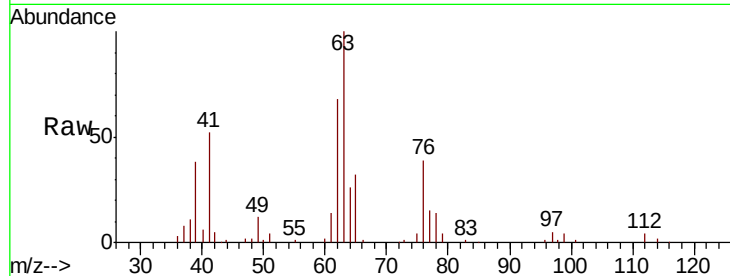




#39
 1,2-Dichloropropane
 Concen: 19.29 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

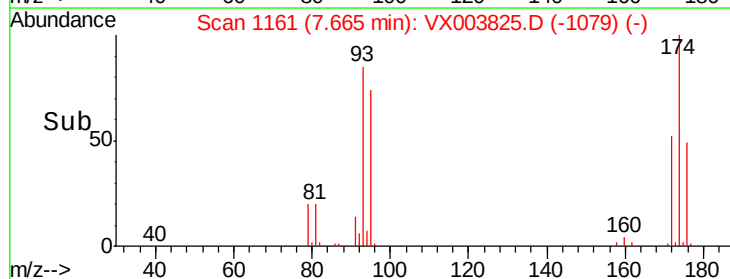
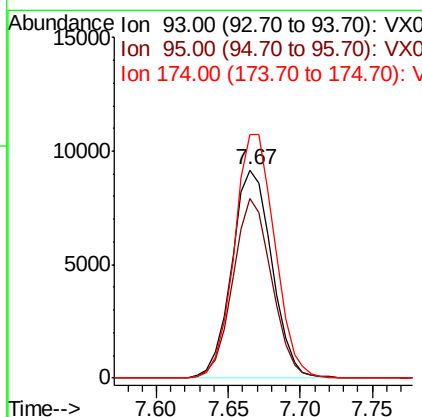
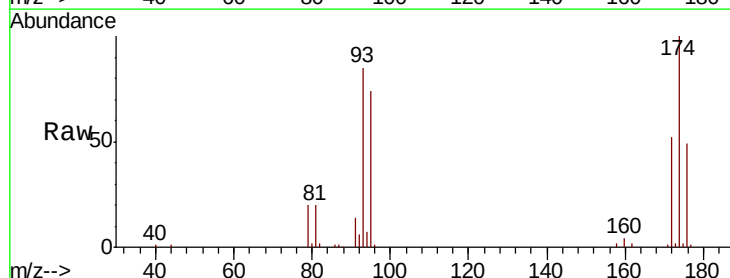
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

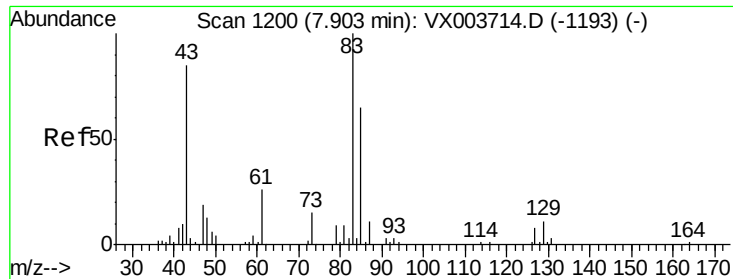
Tot Ion: 63 Resp: 27842
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.3 34.9



#40
 Dibromomethane
 Concen: 19.02 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion: 93 Resp: 17764
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 162.6
 174 117.5 0.0 229.4





#41

Bromodichloromethane

Concen: 18.75 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBS01

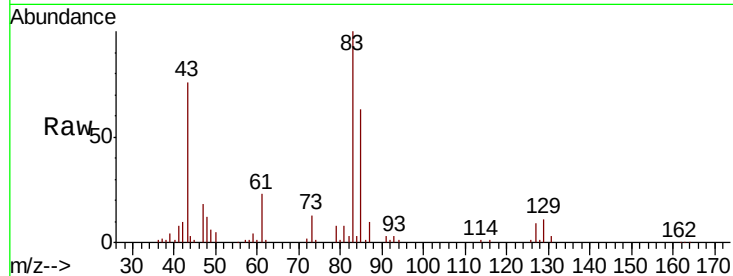
Tot Ion: 83 Resp: 33451

Ion Ratio Lower Upper

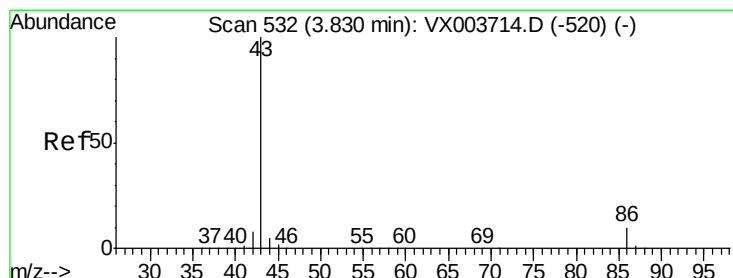
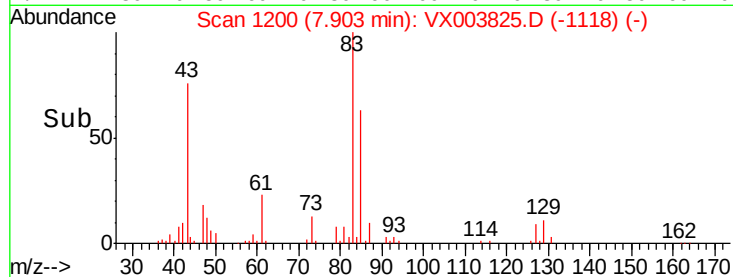
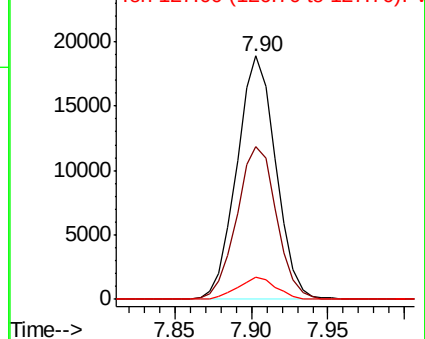
83 100

85 62.8 49.8 74.8

127 8.9 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: 78.30 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003825.D

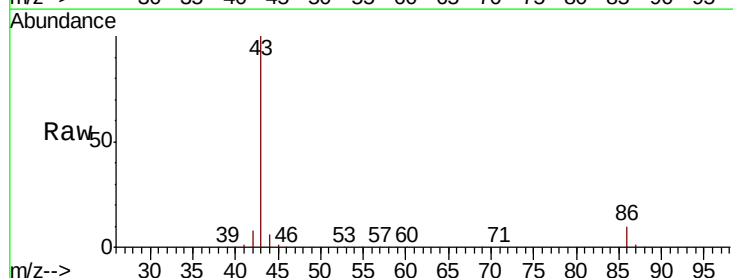
Acq: 02 Aug 2018 15:11

Tgt Ion: 43 Resp: 341484

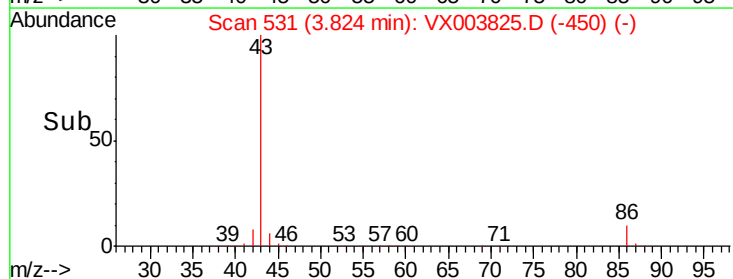
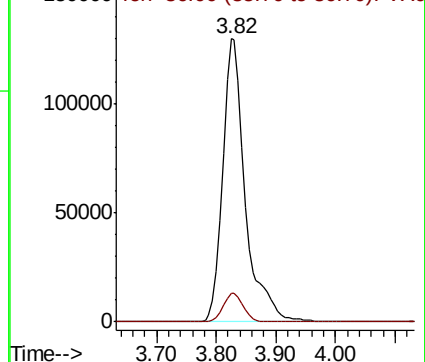
Ion Ratio Lower Upper

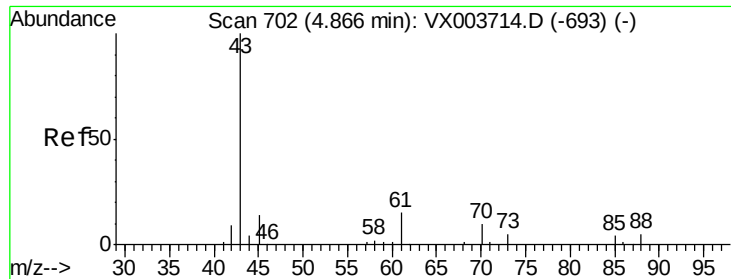
43 100

86 9.0 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

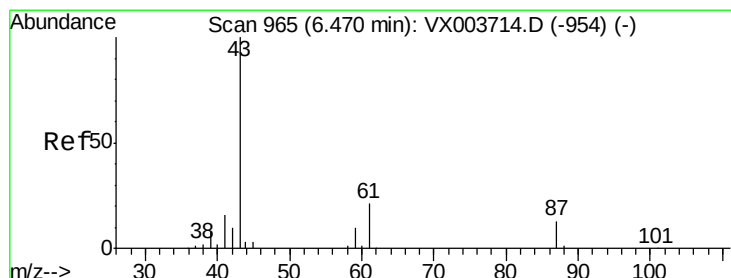
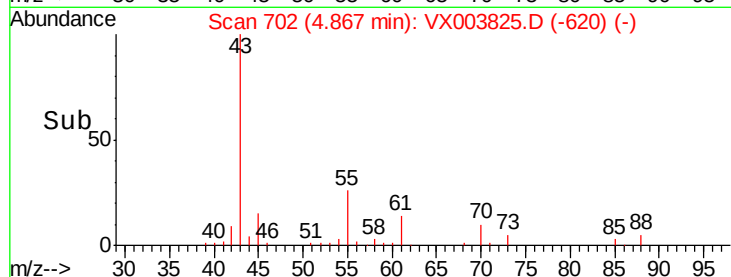
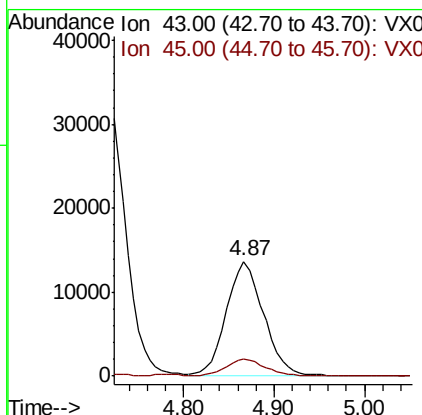
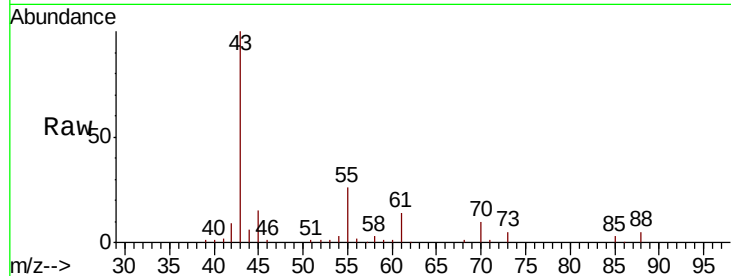




#43
Ethyl Acetate
Concen: 18.62 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

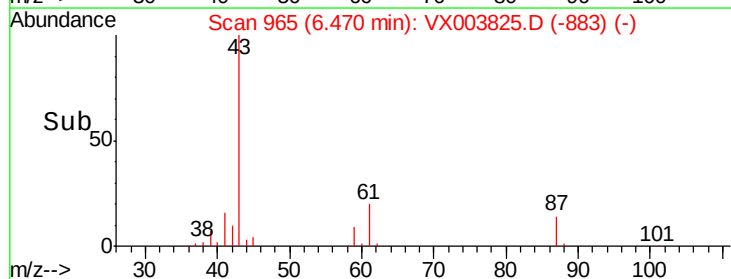
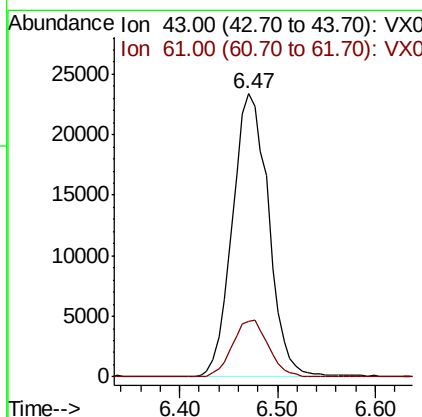
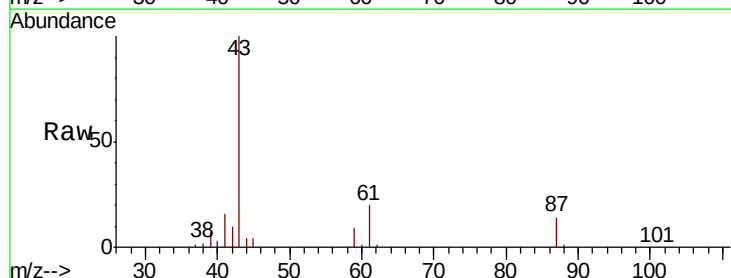
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

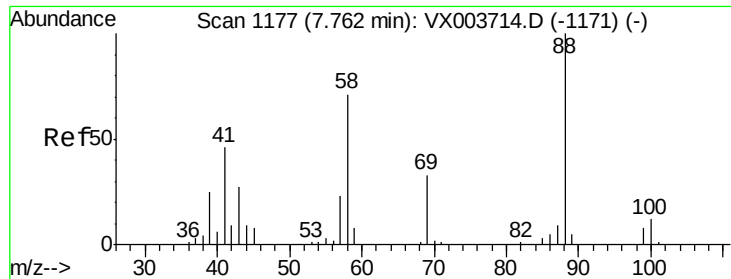
Tot Ion: 43 Resp: 39481
Ion Ratio Lower Upper
43 100
45 15.2 11.0 16.4



#44
Isopropyl Acetate
Concen: 18.47 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 43 Resp: 60060
Ion Ratio Lower Upper
43 100
61 19.9 14.5 21.7

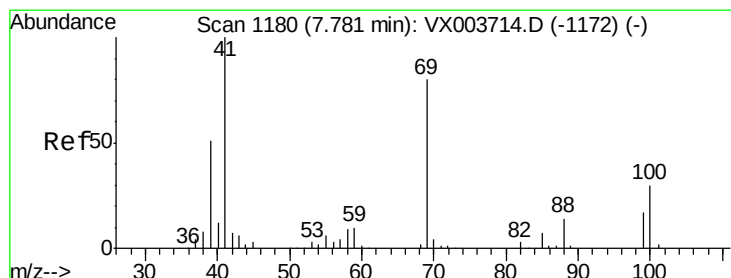
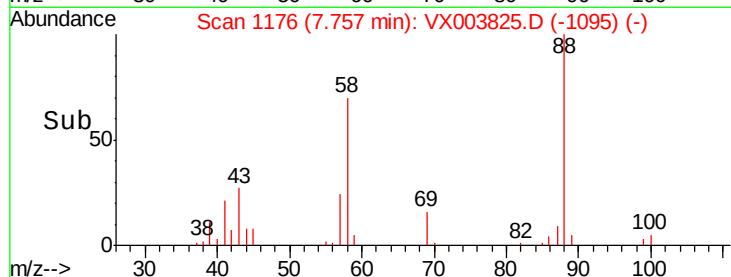
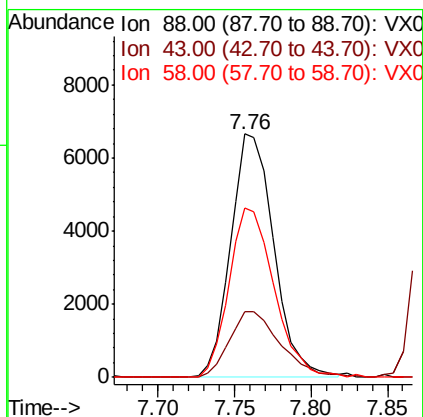
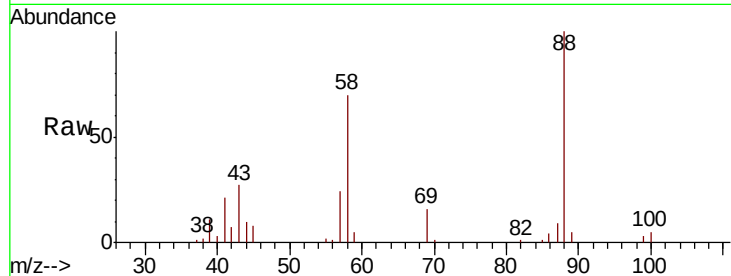




#45
1,4-Dioxane
Concen: 361.79 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

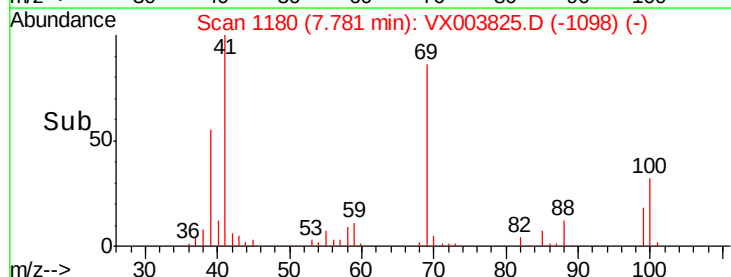
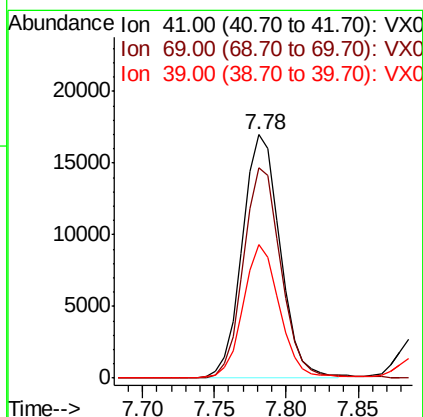
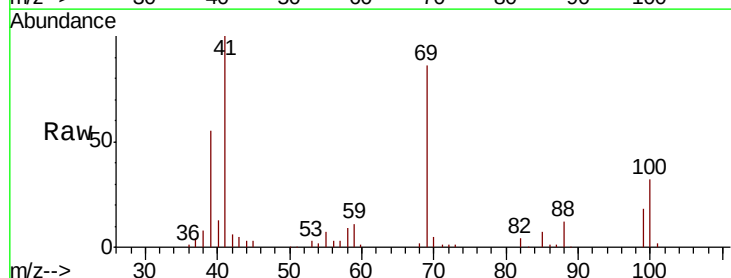
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

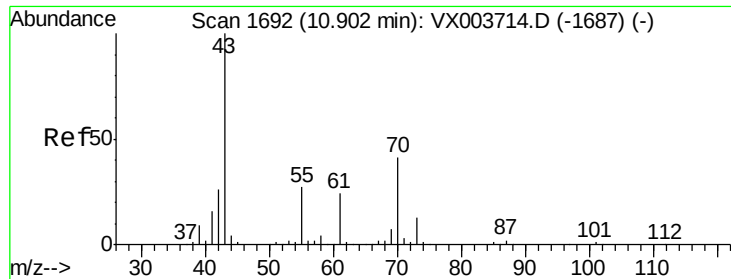
Tot Ion: 88 Resp: 13066
Ion Ratio Lower Upper
88 100
43 31.8 43.2 64.8#
58 72.3 60.2 90.2



#46
Methyl methacrylate
Concen: 18.40 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 41 Resp: 30878
Ion Ratio Lower Upper
41 100
69 86.4 37.0 110.9
39 54.8 29.6 88.9





#47

n-amvl Acetate

Concen: 17.11 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

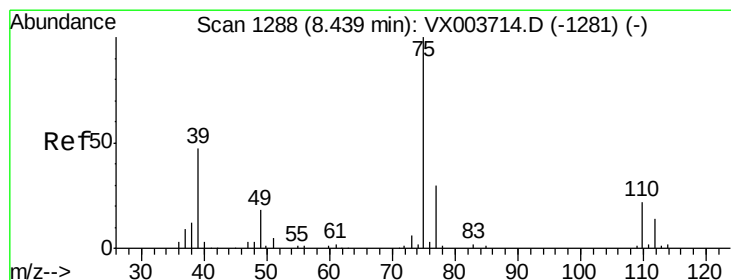
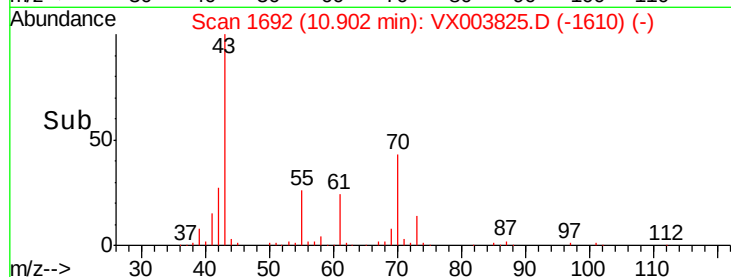
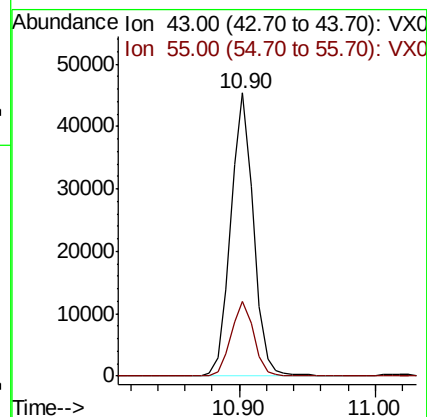
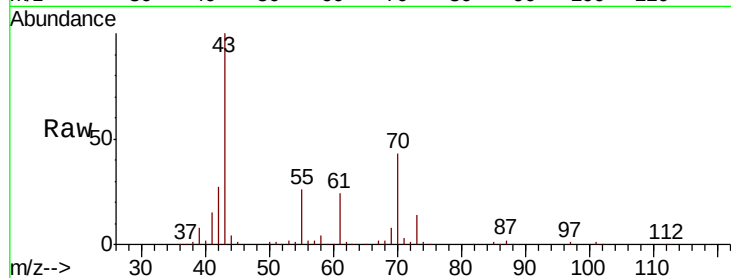
VX0802WBS01

Tot Ion: 43 Resp: 52523

Ion Ratio Lower Upper

43 100

55 26.3 0.1 0.1#



#48

t-1,3-Dichloropropene

Concen: 18.50 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003825.D

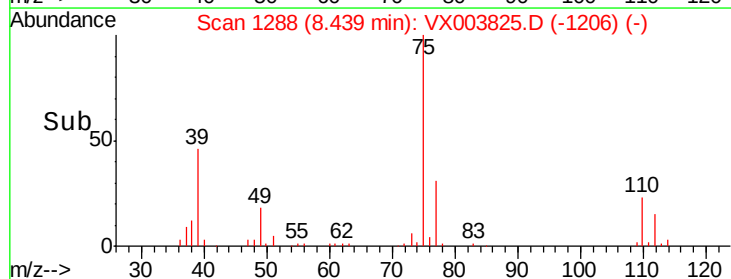
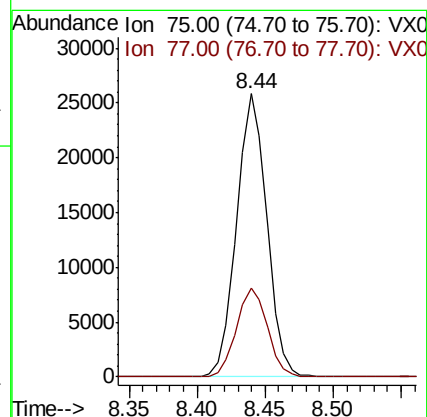
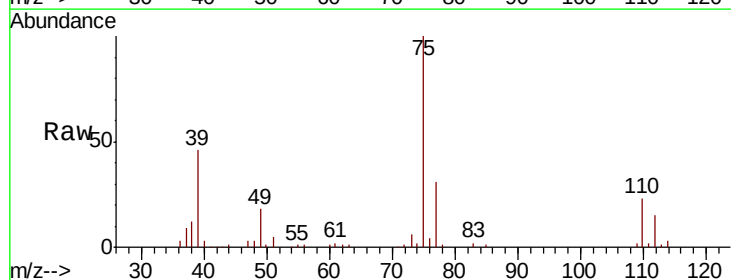
Acq: 02 Aug 2018 15:11

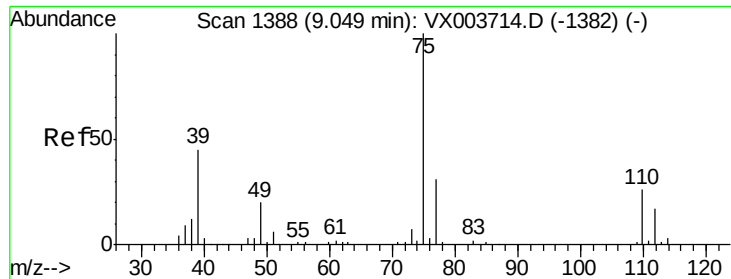
Tgt Ion: 75 Resp: 40051

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



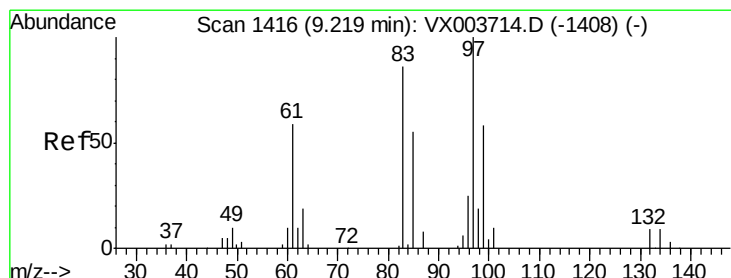
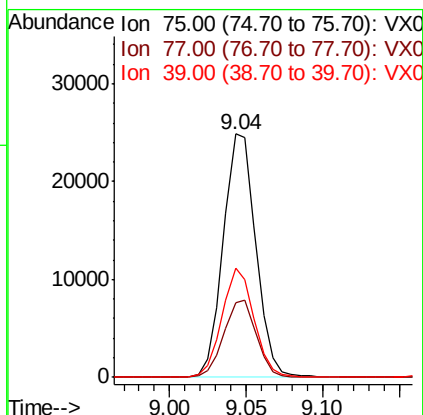
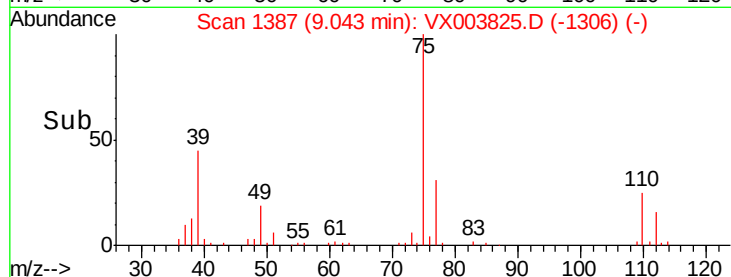
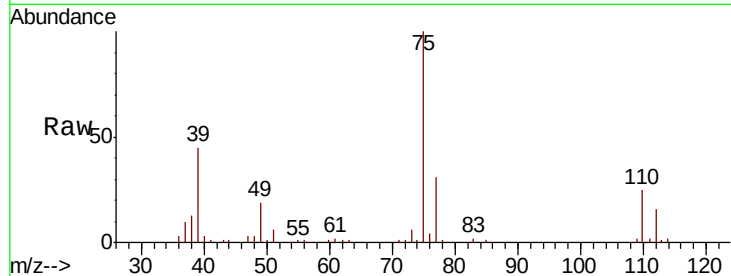


#49

cis-1,3-Dichloropropene
Concen: 18.09 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

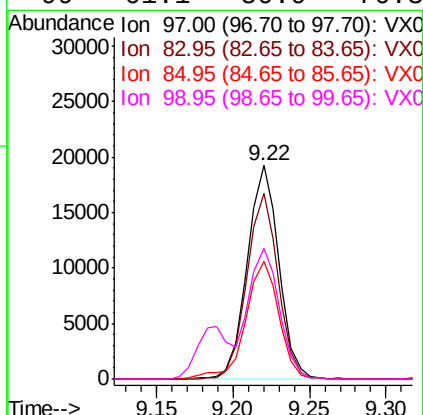
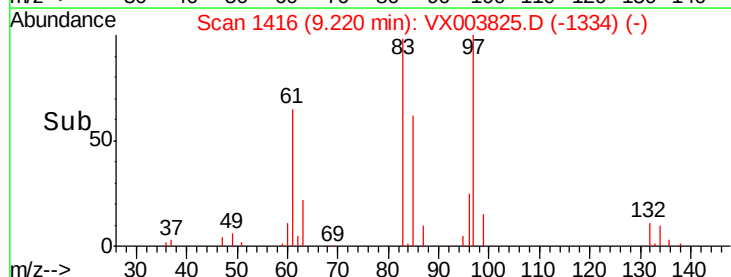
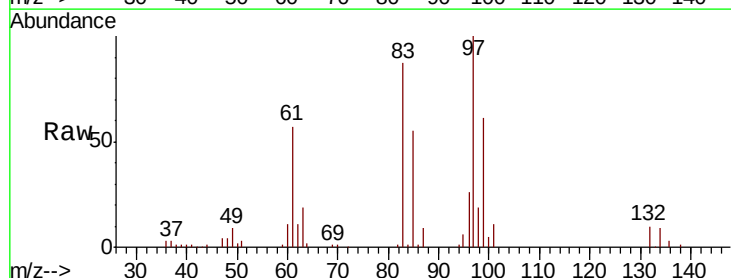
Tot Ion: 75 Resp: 36745
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2
39 45.0 42.3 63.5

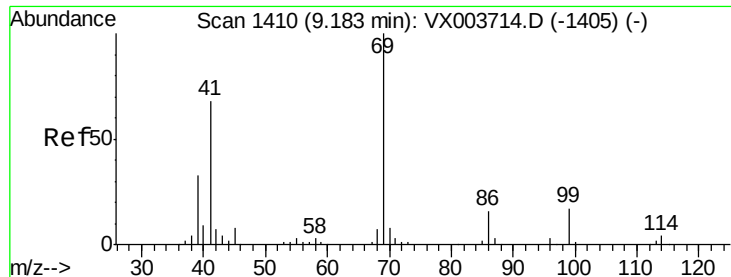


#50

1,1,2-Trichloroethane
Concen: 18.67 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 97 Resp: 27677
Ion Ratio Lower Upper
97 100
83 86.7 70.8 106.2
85 55.2 43.5 65.3
99 61.1 50.9 76.3

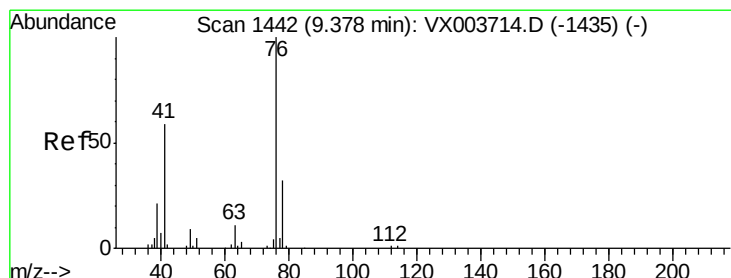
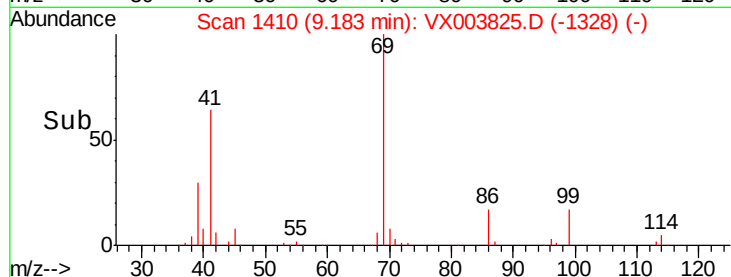
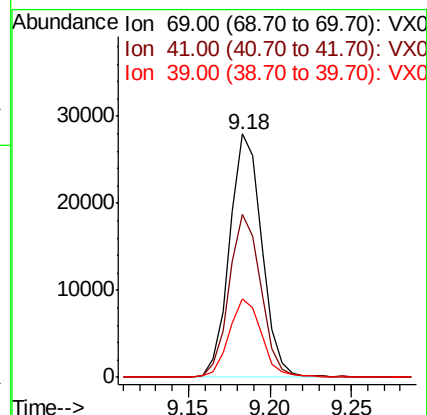
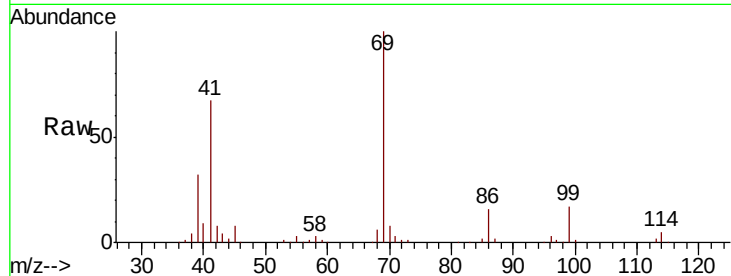




#51
Ethyl methacrylate
Concen: 17.22 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

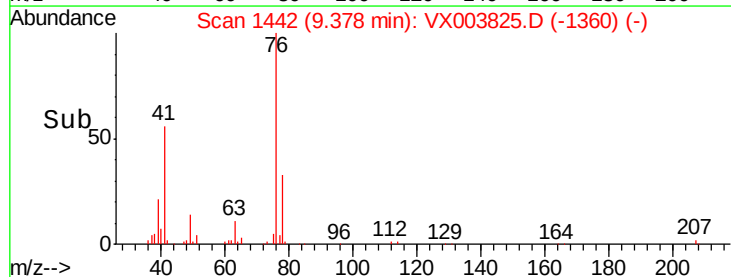
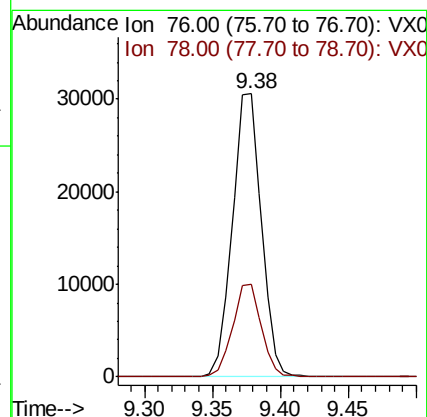
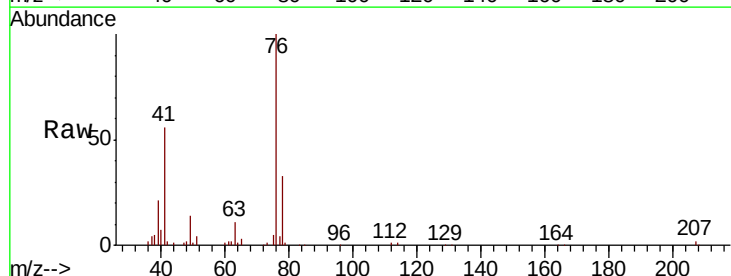
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

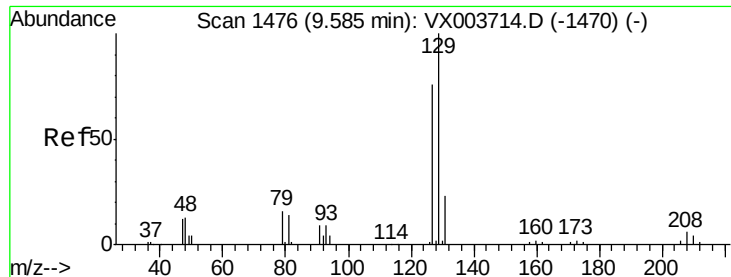
Tot Ion: 69 Resp: 38434
Ion Ratio Lower Upper
69 100
41 66.9 39.1 117.3
39 31.8 21.7 65.1



#52
1,3-Dichloropropane
Concen: 18.36 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 76 Resp: 45299
Ion Ratio Lower Upper
76 100
78 32.3 0.0 63.4





#53

Dibromochloromethane

Concen: 18.44 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

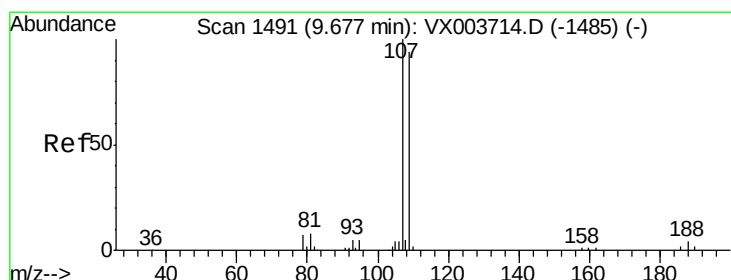
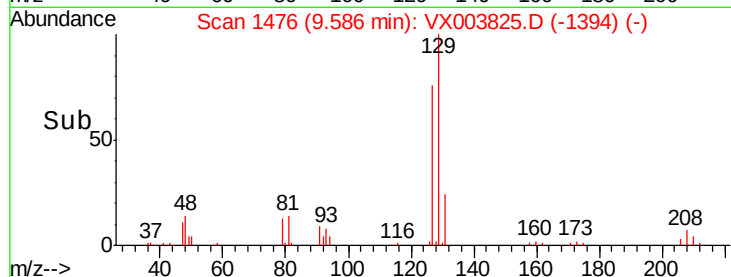
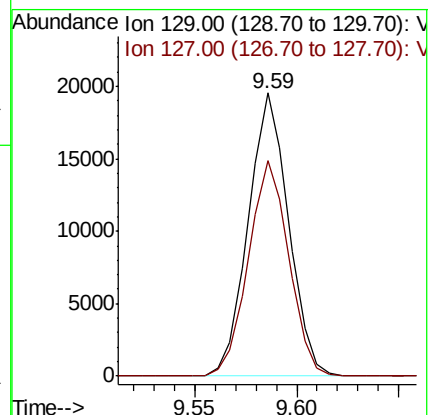
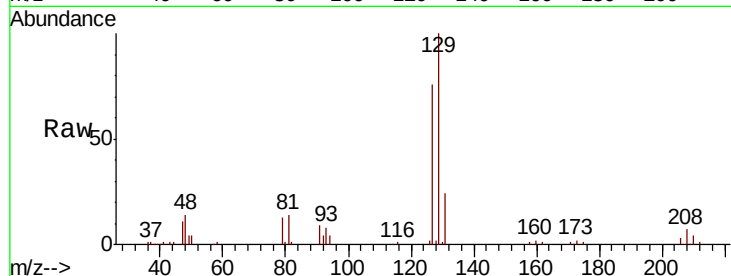
VX0802WBS01

Tot Ion:129 Resp: 26852

Ion Ratio Lower Upper

129 100

127 76.2 38.5 115.3



#54

1,2-Dibromoethane

Concen: 18.38 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003825.D

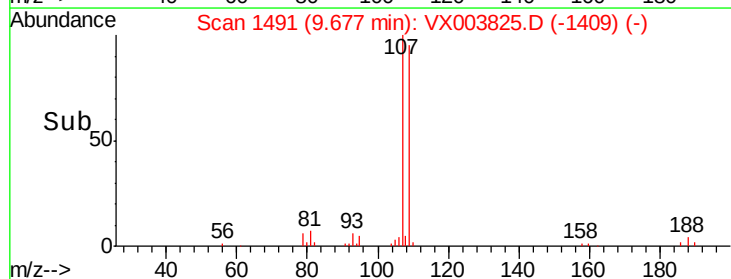
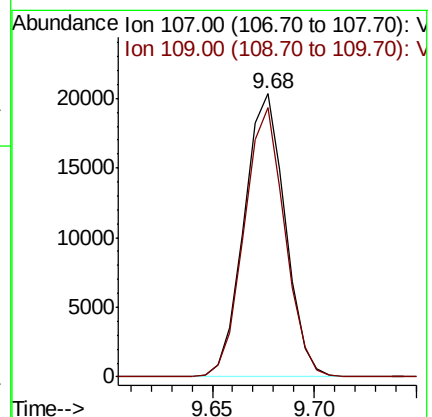
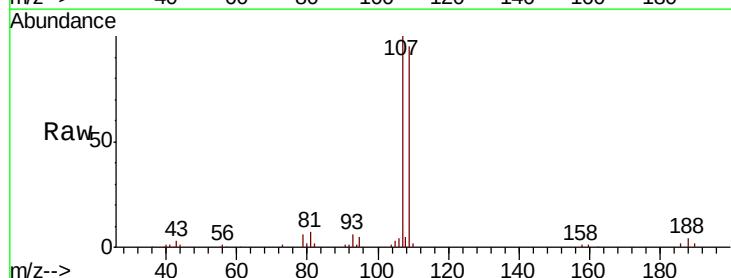
Acq: 02 Aug 2018 15:11

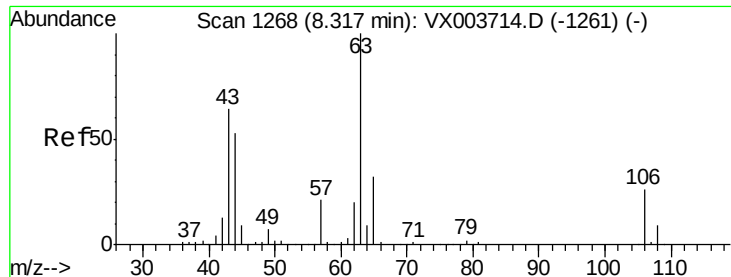
Tgt Ion:107 Resp: 28490

Ion Ratio Lower Upper

107 100

109 94.2 75.5 113.3

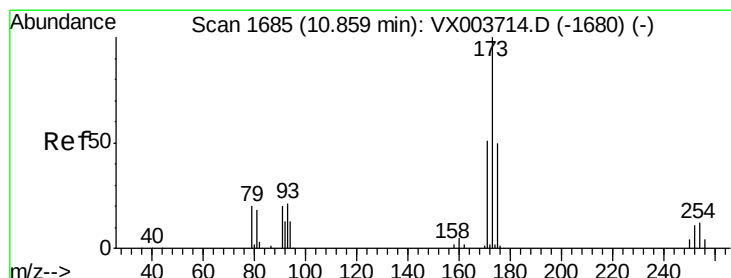
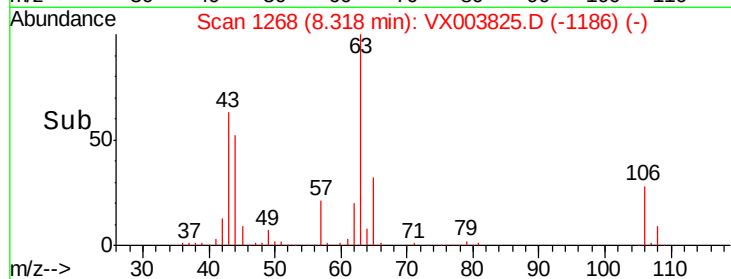
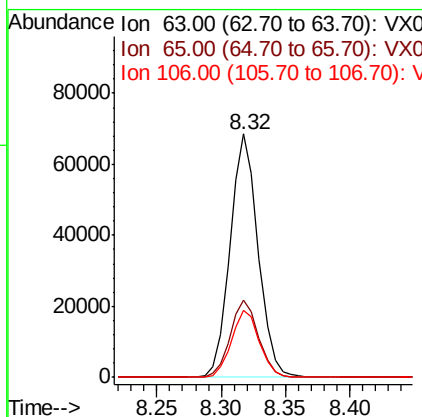
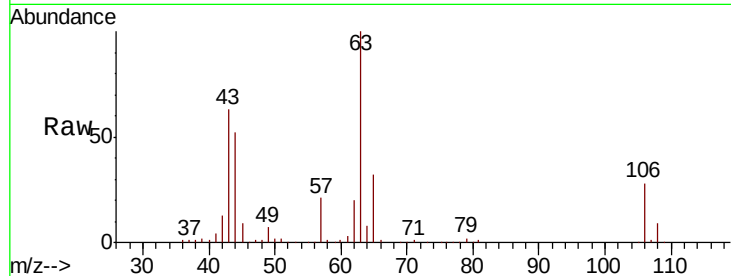




#55
2-Chloroethyl vinyl ether
Concen: 90.30 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

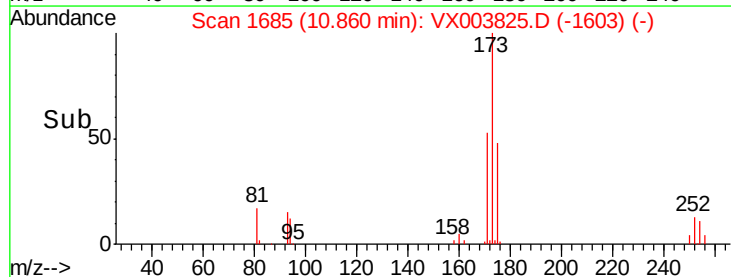
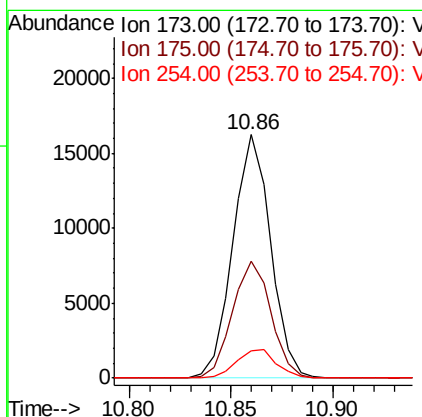
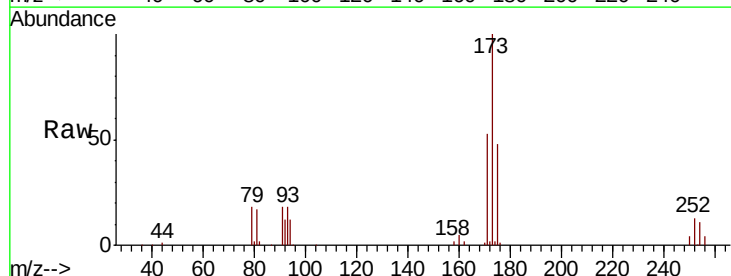
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

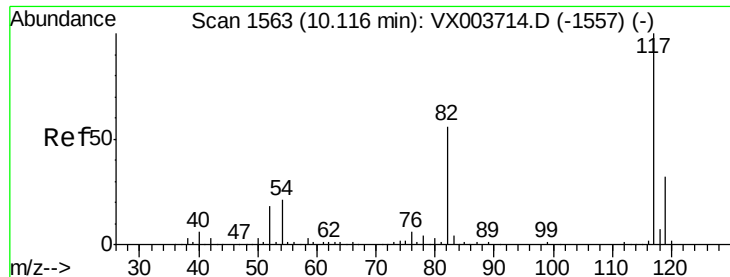
Tot Ion: 63 Resp: 103964
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 27.5 21.6 32.4



#56
Bromoform
Concen: 18.39 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 173 Resp: 20777
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.4
254 12.4 9.6 14.4

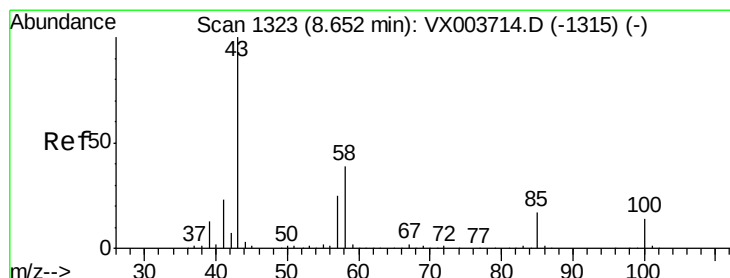
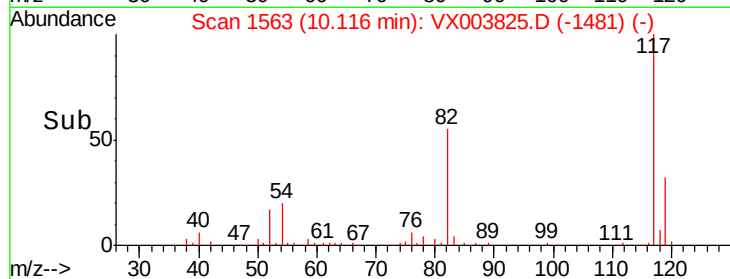
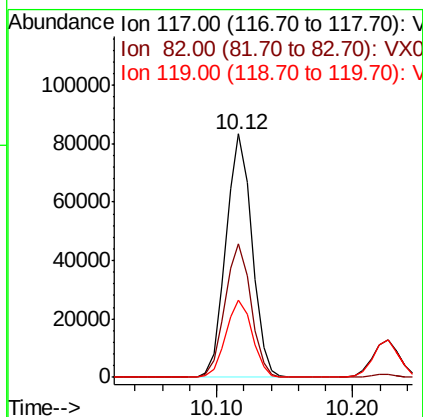
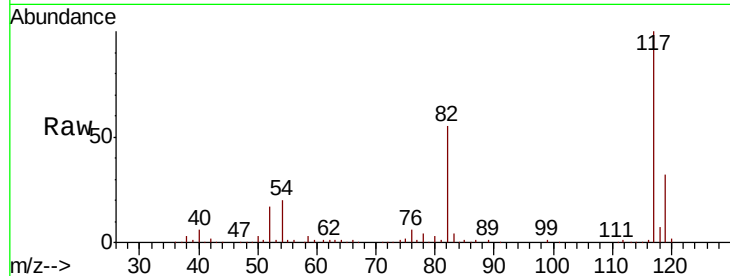




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

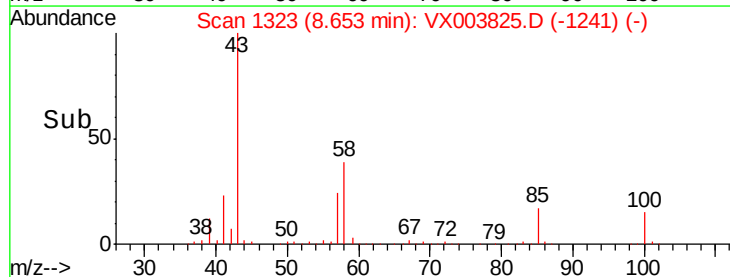
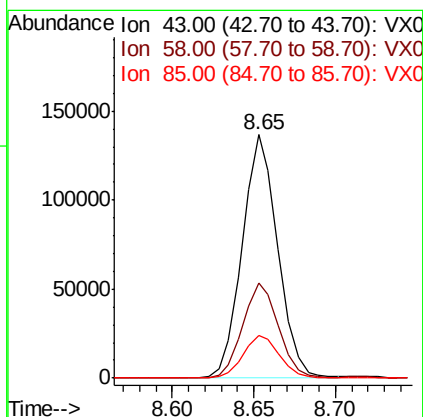
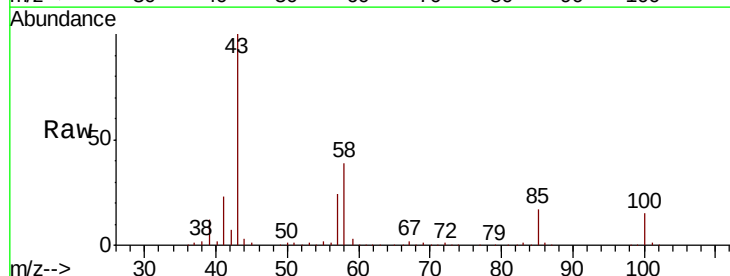
Instrument :
MSVOA_X
ClientSampled :
VX0802WBS01

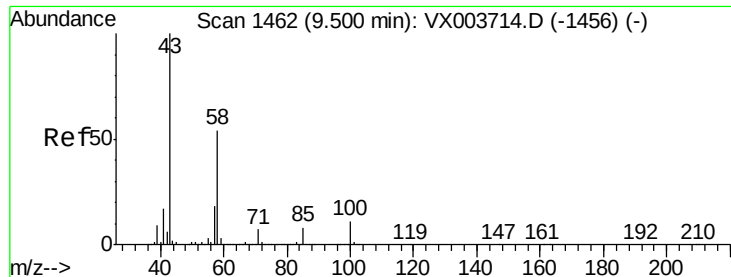
Tot Ion:117 Resp: 110678
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 98.69 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 43 Resp: 206243
Ion Ratio Lower Upper
43 100
58 39.4 28.2 42.4
85 17.9 12.4 18.6

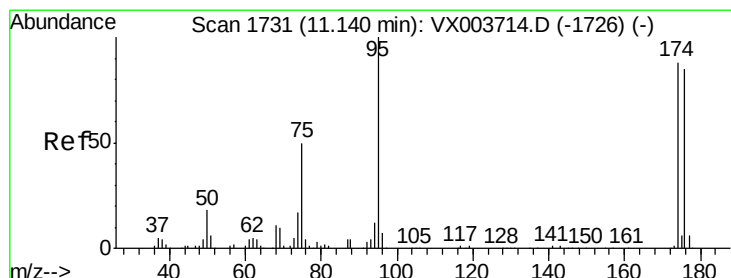
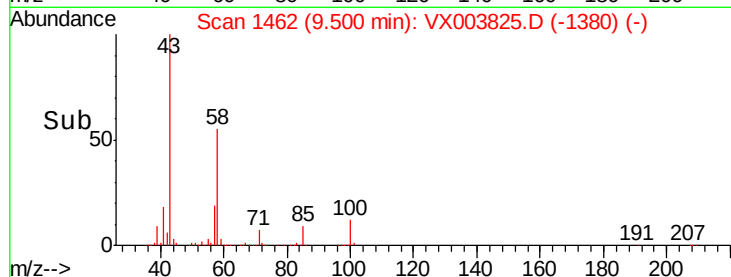
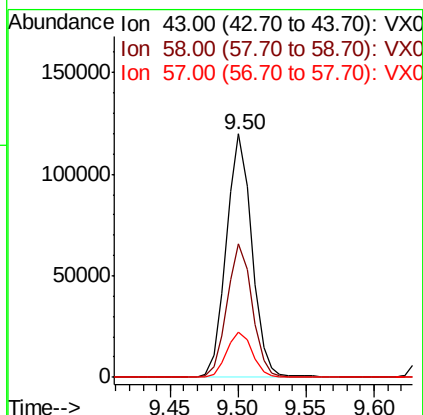
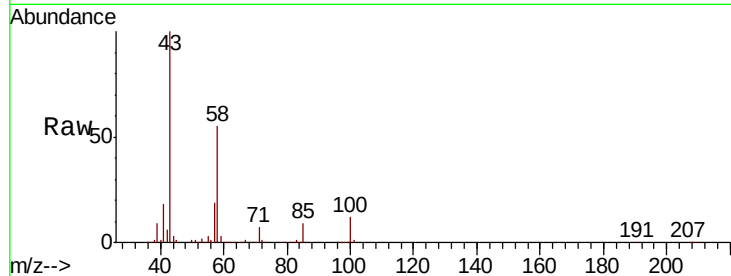




#59
2-Hexanone
Concen: 94.55 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

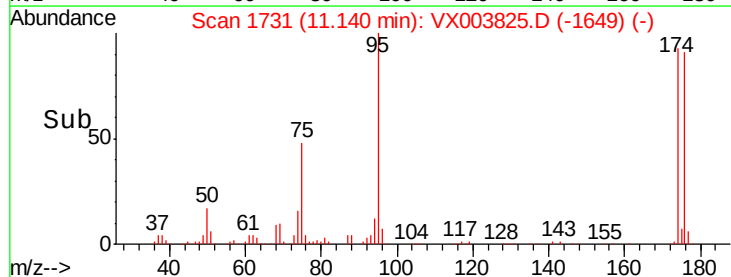
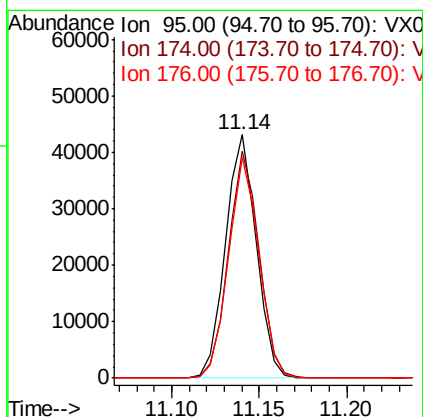
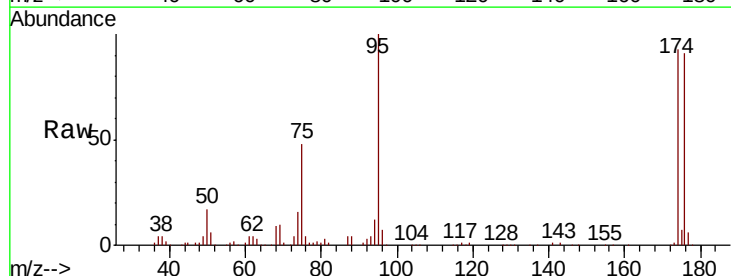
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

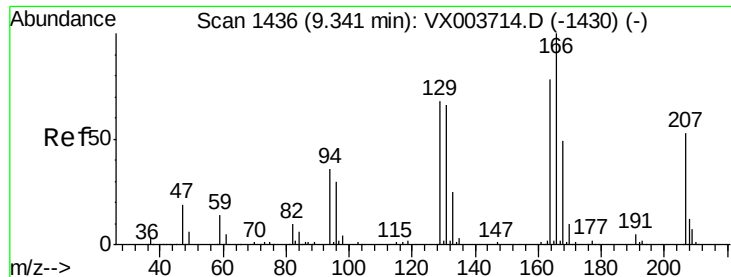
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	39.6	59.4
57	18.9	14.1	21.1



#60
4-Bromofluorobenzene
Concen: 29.70 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.8	71.8	107.6
176	89.9	70.1	105.1





#61

Tetrachloroethene

Concen: 20.51 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBS01

Tot Ion:164 Resp: 26412

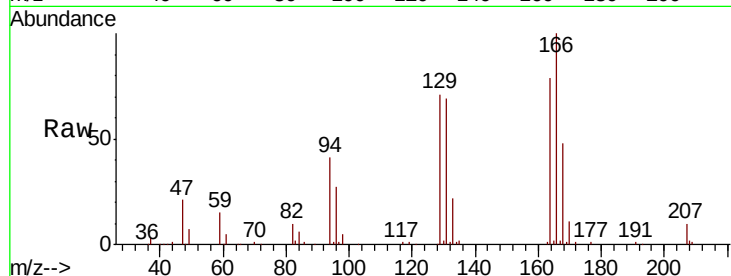
Ion Ratio Lower Upper

164 100

166 125.7 102.4 153.6

129 89.9 70.1 105.1

131 87.2 69.1 103.7

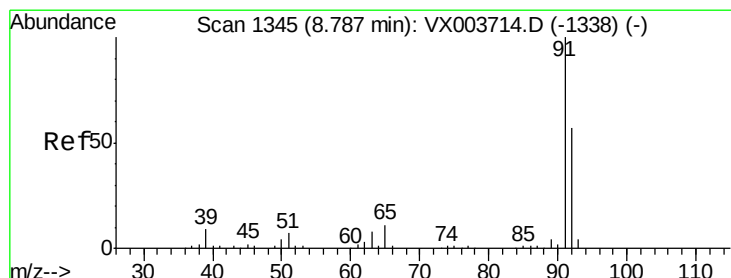
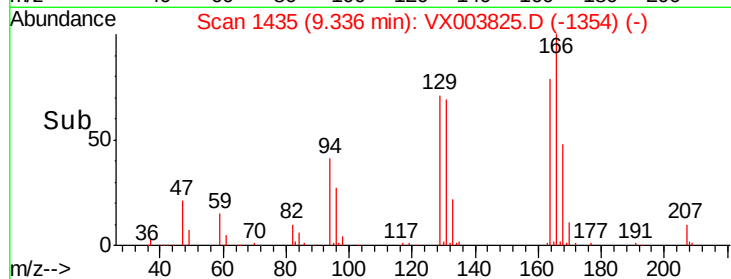
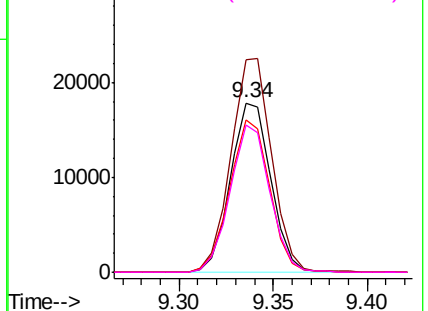


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.28 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003825.D

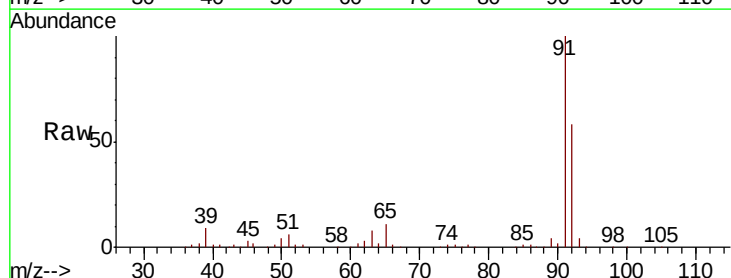
Acq: 02 Aug 2018 15:11

Tgt Ion: 91 Resp: 116479

Ion Ratio Lower Upper

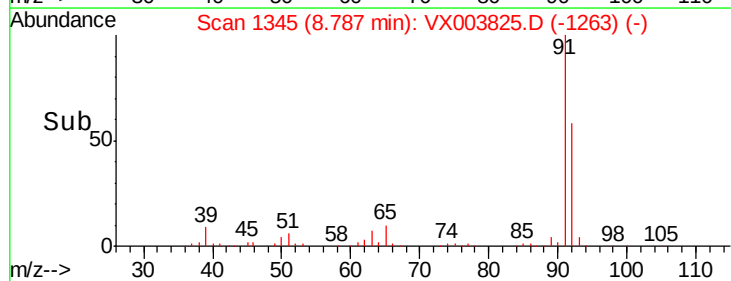
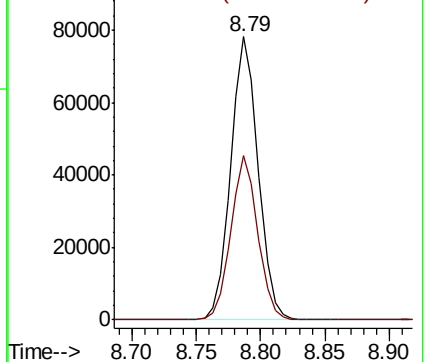
91 100

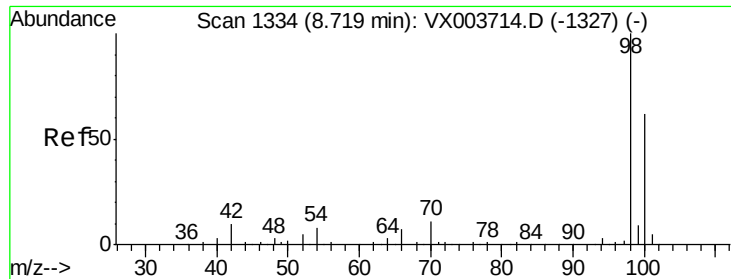
92 57.0 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

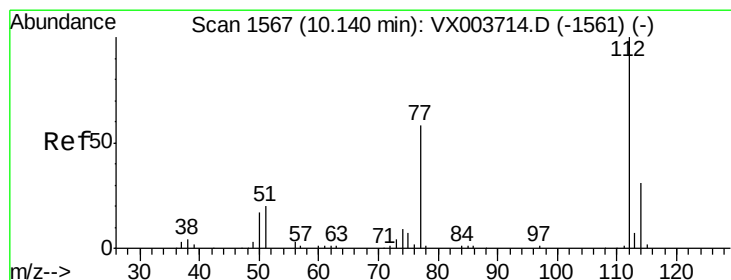
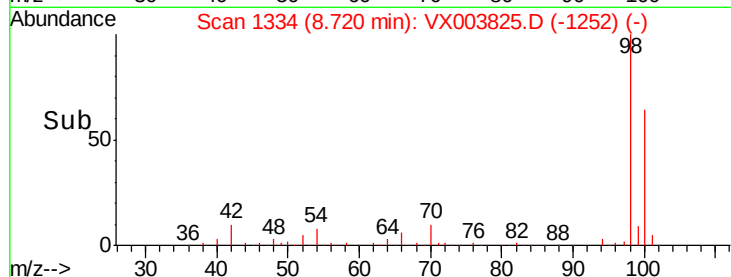
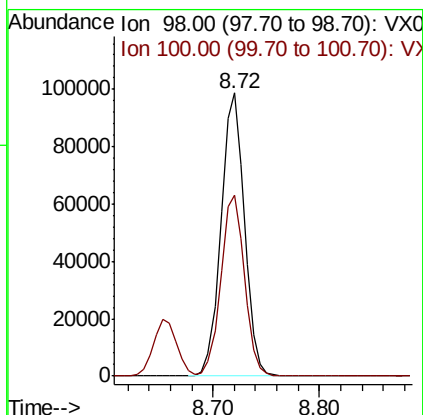
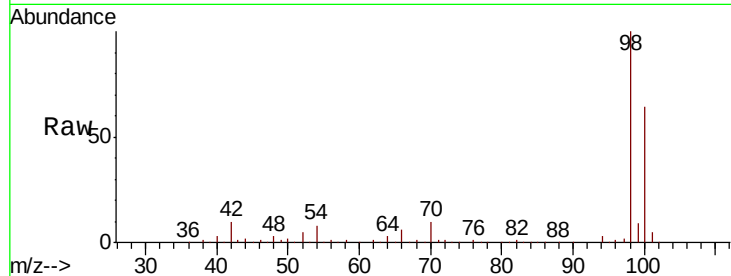




#63
Toluene-d8
Concen: 30.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

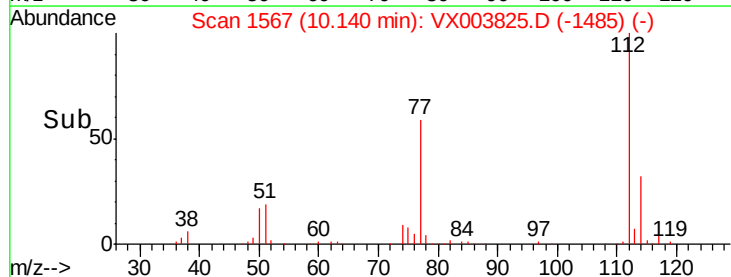
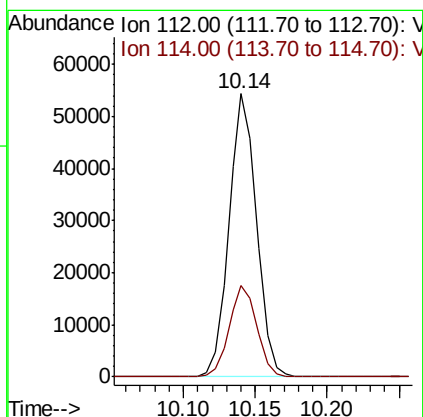
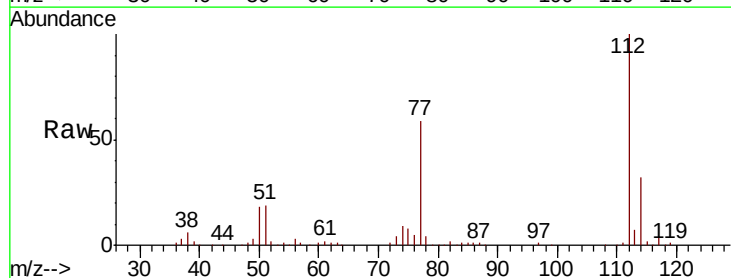
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

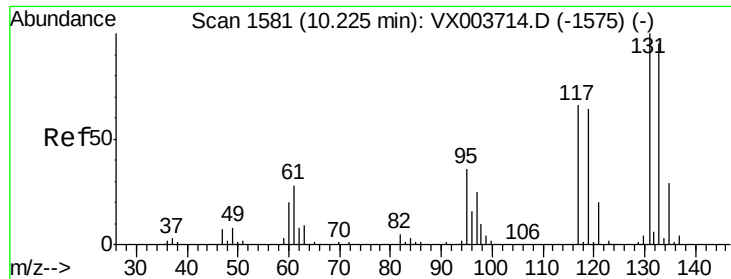
Tot Ion: 98 Resp: 151660
Ion Ratio Lower Upper
98 100
100 64.4 50.8 76.2



#64
Chlorobenzene
Concen: 19.61 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion: 112 Resp: 72803
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.19 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampled :

VX0802WBS01

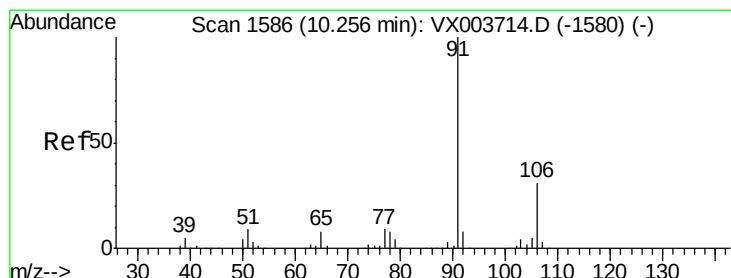
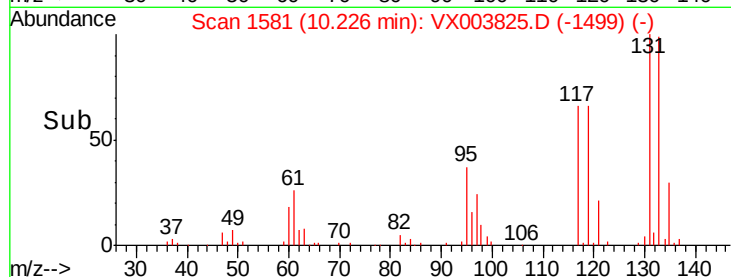
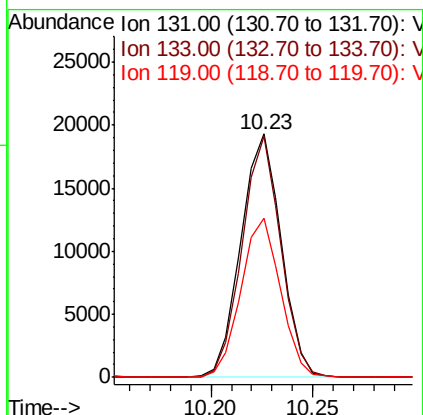
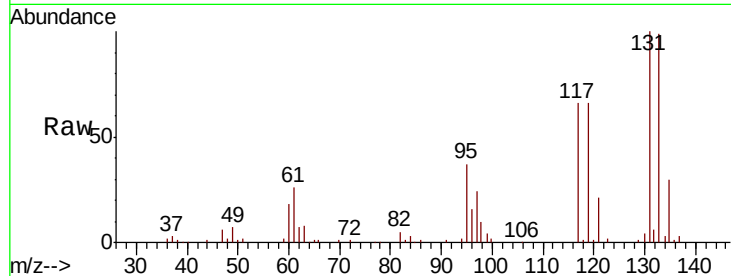
Tot Ion:131 Resp: 26523

Ion Ratio Lower Upper

131 100

133 95.1 0.0 191.2

119 64.3 0.0 125.4



#66

Ethyl Benzene

Concen: 19.41 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003825.D

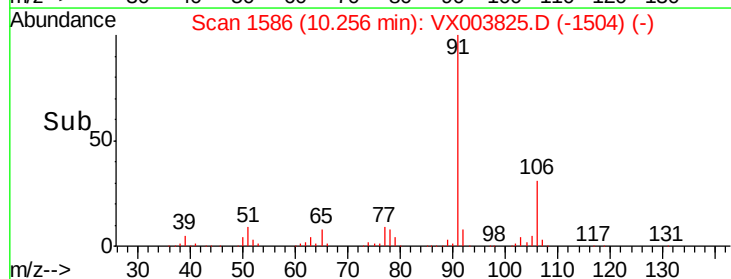
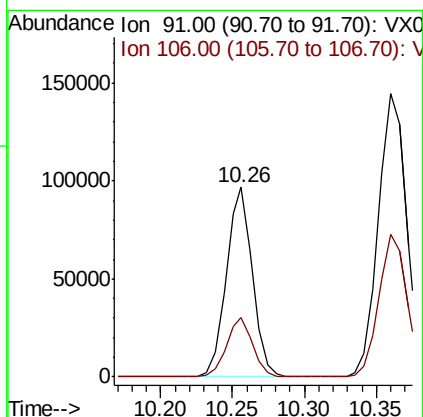
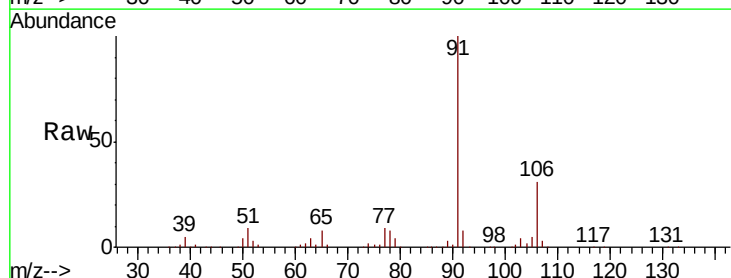
Acq: 02 Aug 2018 15:11

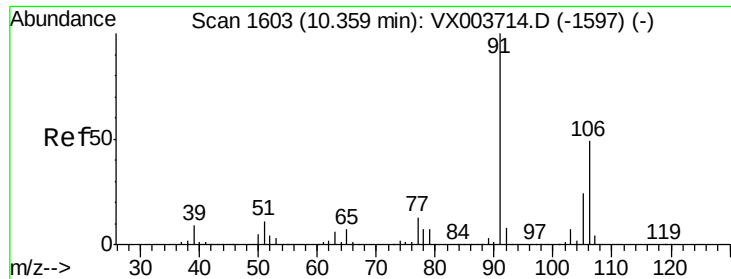
Tgt Ion: 91 Resp: 122707

Ion Ratio Lower Upper

91 100

106 31.4 25.2 37.8

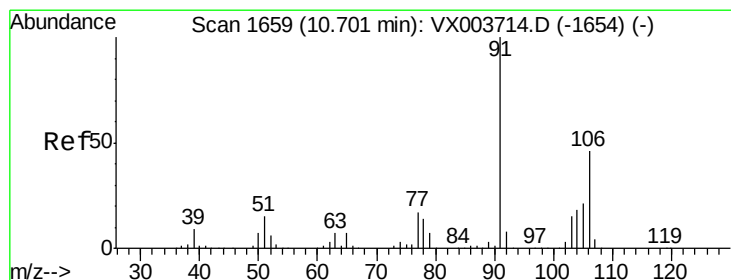
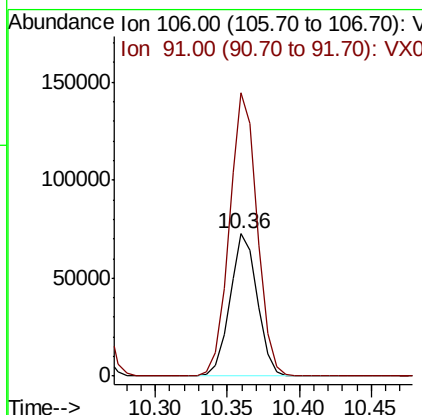
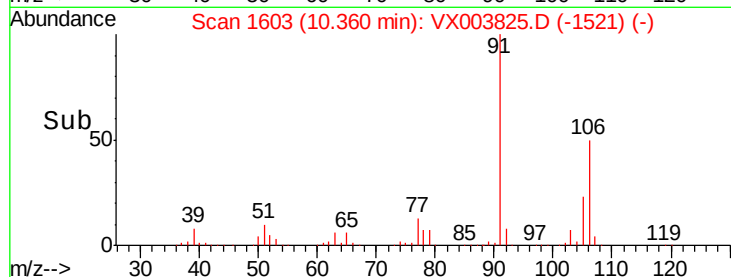
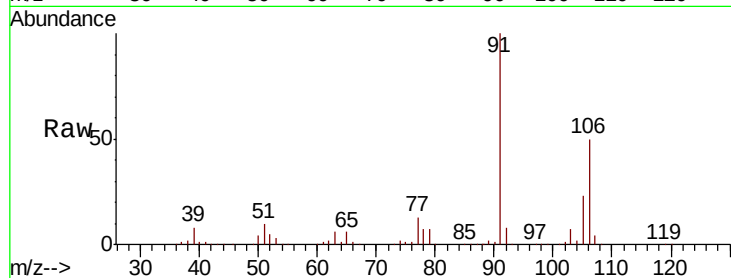




#67
m/p-Xylenes
Concen: 39.57 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

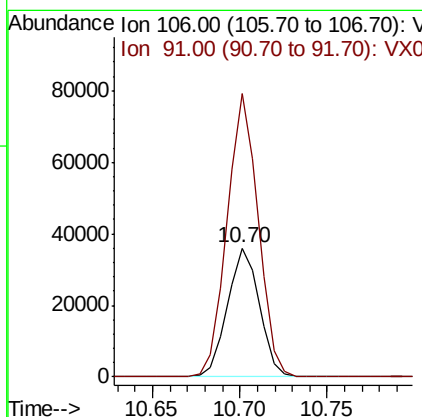
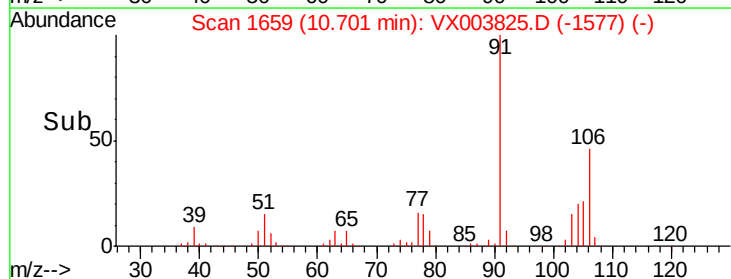
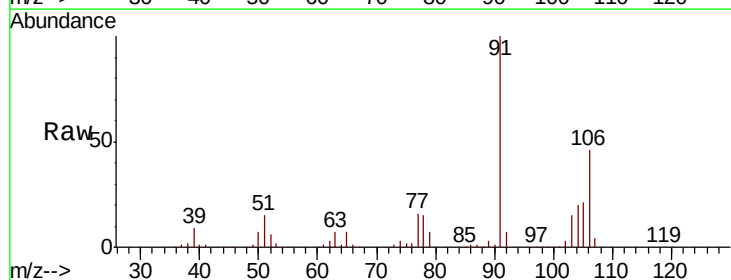
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

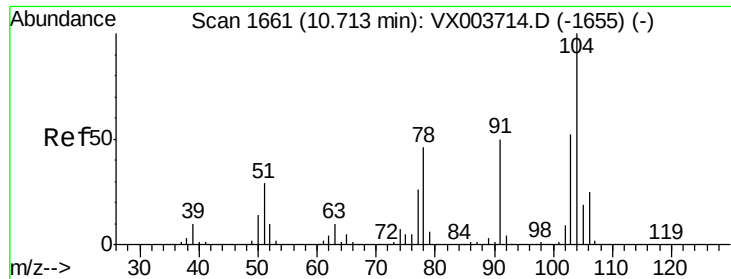
Tot Ion:106 Resp: 96336
Ion Ratio Lower Upper
106 100
91 202.0 164.1 246.1



#68
o-Xylene
Concen: 19.68 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion:106 Resp: 45834
Ion Ratio Lower Upper
106 100
91 213.8 109.1 327.3

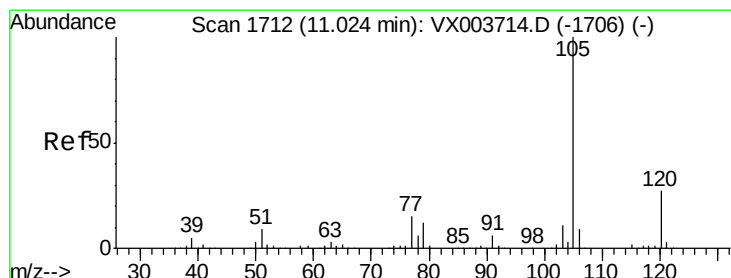
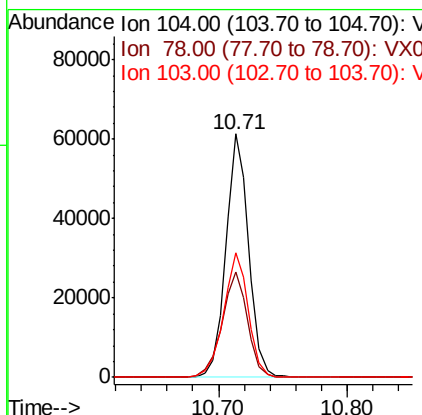
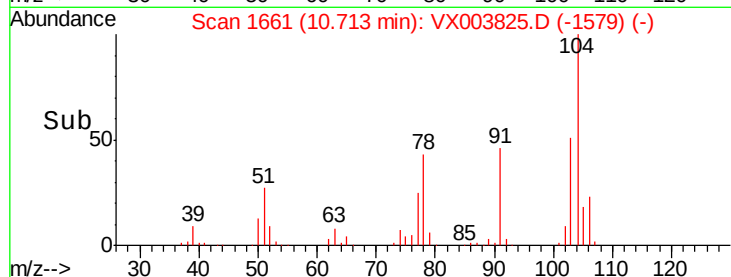
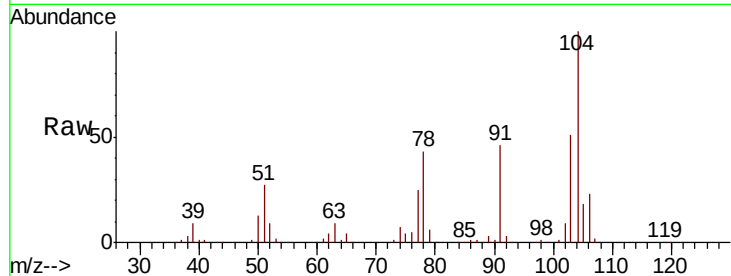




#69
Stvrene
Concen: 19.28 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

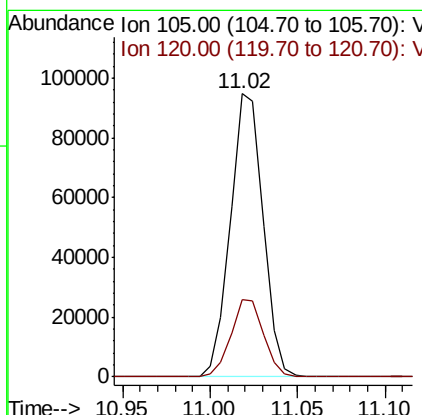
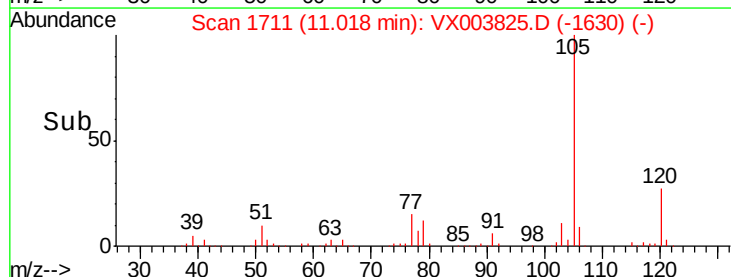
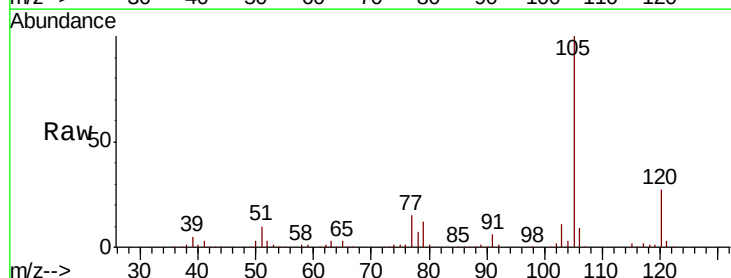
Instrument :
MSVOA_X
ClientSampled :
VX0802WBS01

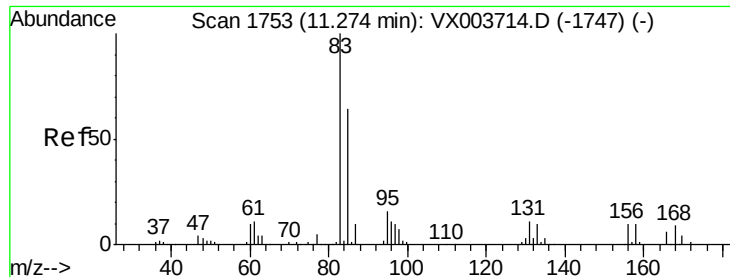
Tot Ion:104 Resp: 76027
Ion Ratio Lower Upper
104 100
78 48.2 41.8 62.8
103 55.6 44.9 67.3



#70
Isopropylbenzene
Concen: 19.25 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion:105 Resp: 123471
Ion Ratio Lower Upper
105 100
120 27.2 19.0 35.2

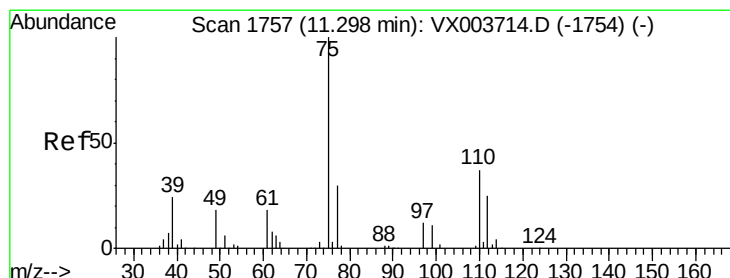
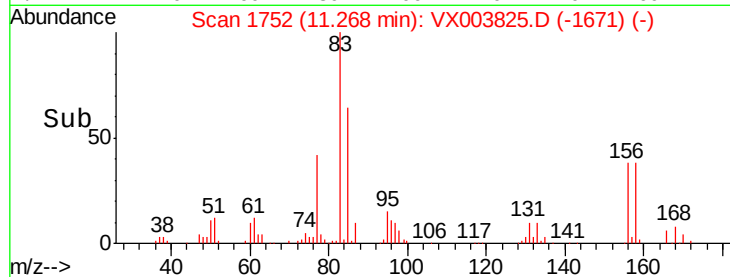
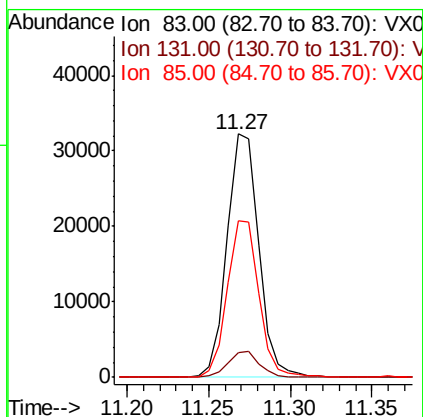
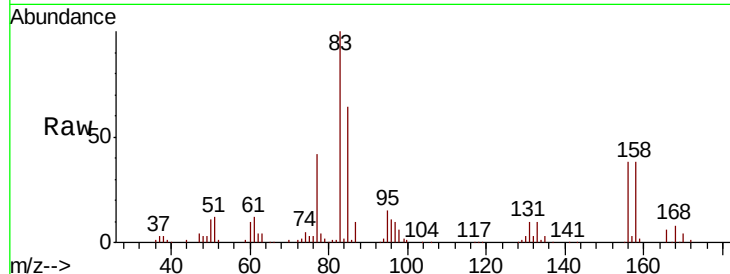




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.10 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

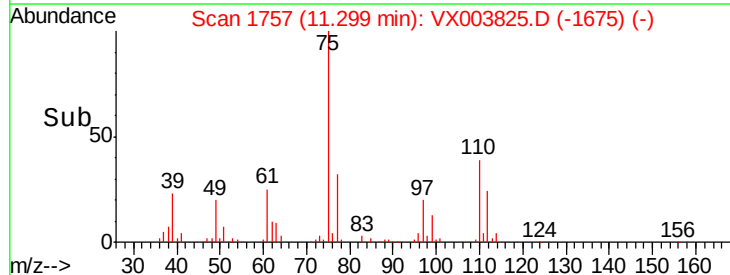
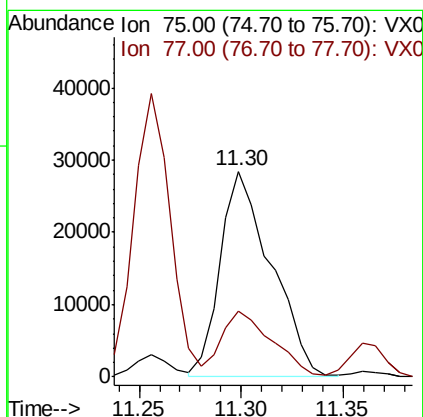
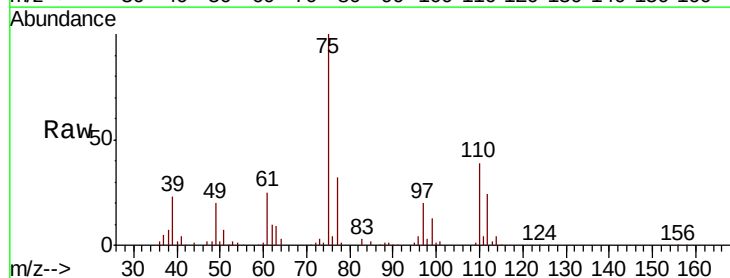
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

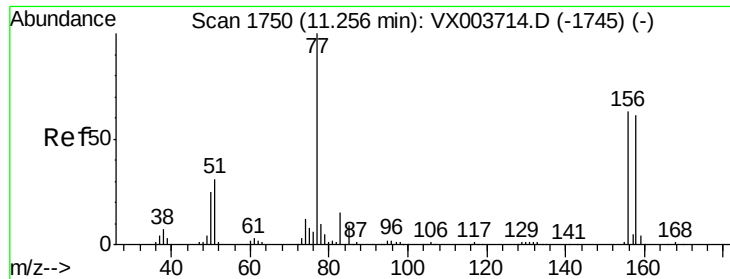
Tot Ion: 83 Resp: 43719
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.4 16.2
 85 64.0 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 25.93 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion: 75 Resp: 49377
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 71.8





#73

Bromobenzene

Concen: 19.35 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampled :

VX0802WBS01

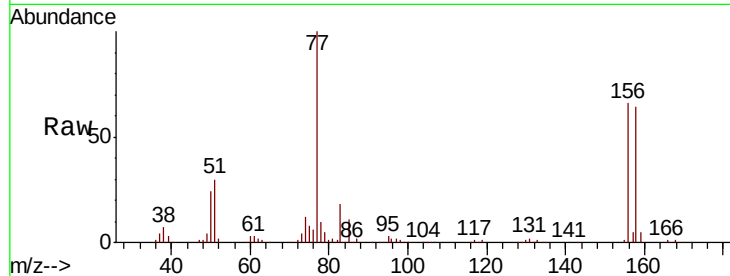
Tot Ion:156 Resp: 33445

Ion Ratio Lower Upper

156 100

77 146.5 0.0 301.0

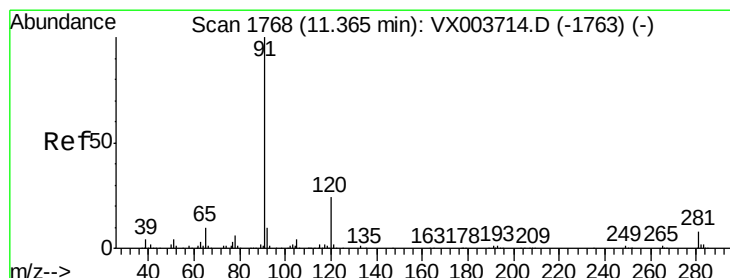
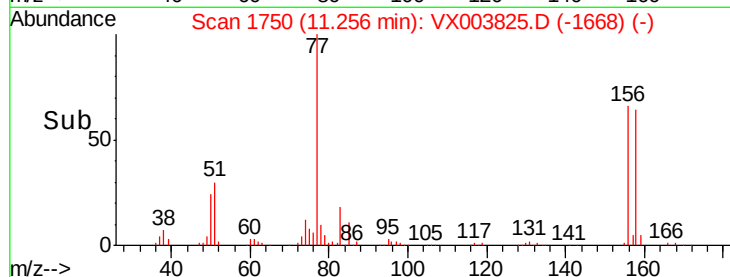
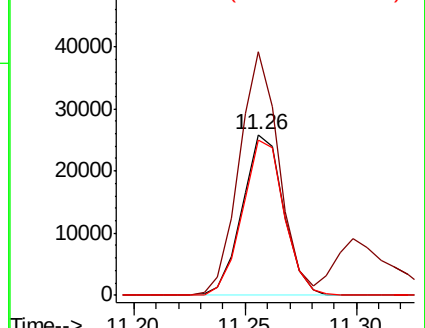
158 97.7 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.05 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003825.D

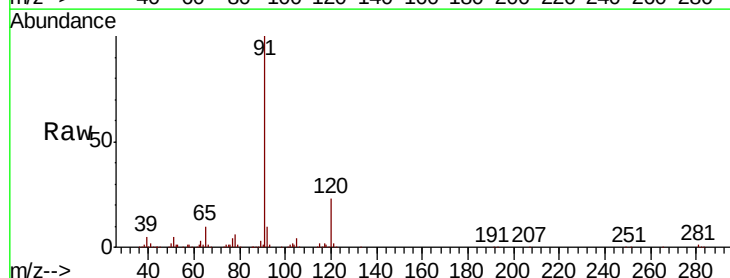
Acq: 02 Aug 2018 15:11

Tgt Ion: 91 Resp: 143925

Ion Ratio Lower Upper

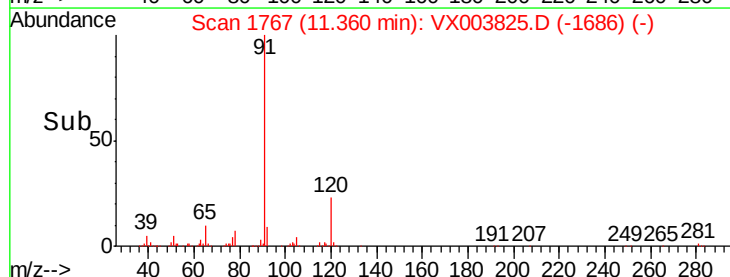
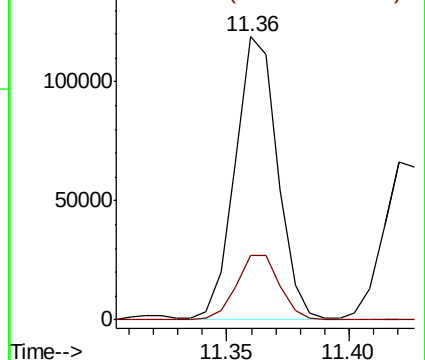
91 100

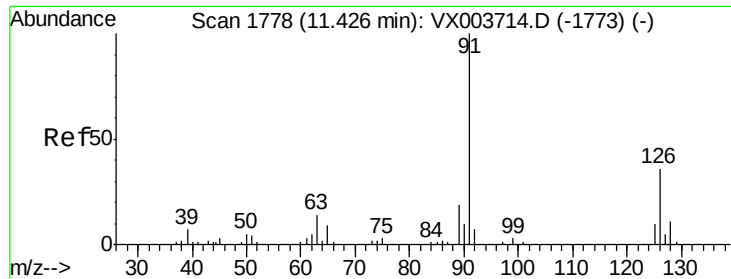
120 23.3 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.35 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

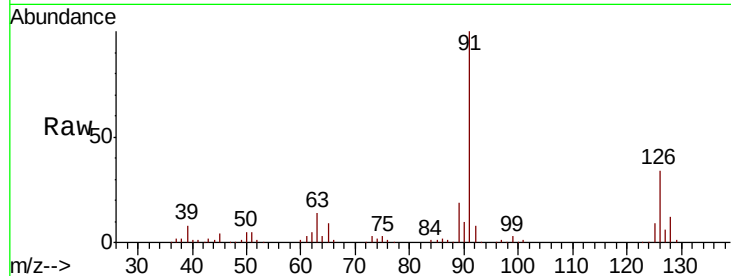
VX0802WBS01

Tot Ion: 91 Resp: 86134

Ion Ratio Lower Upper

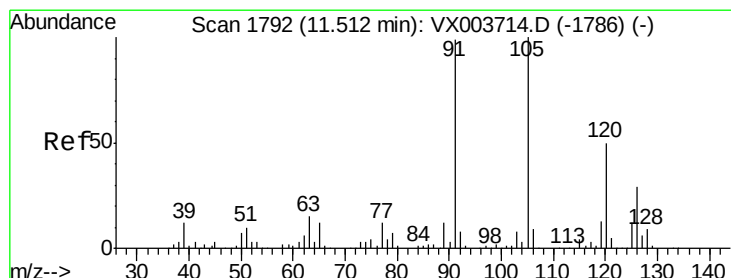
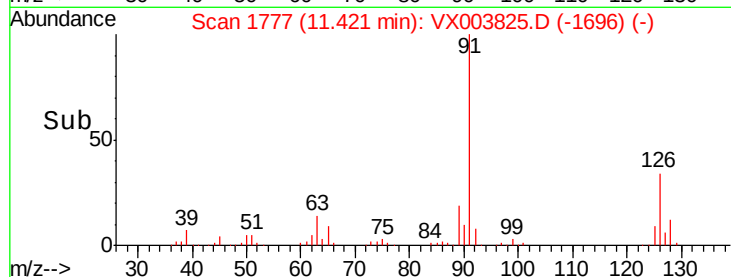
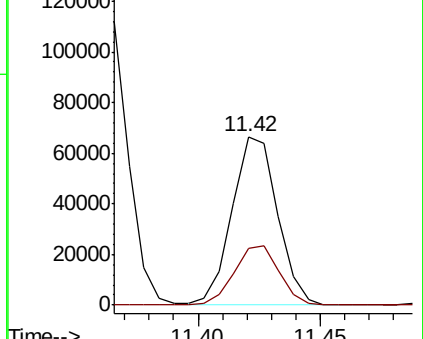
91 100

126 35.0 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX003714.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX003714.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.39 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003825.D

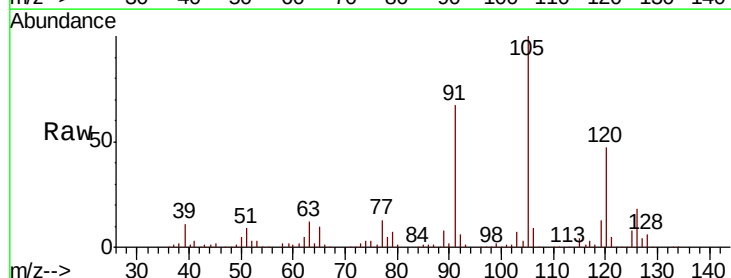
Acq: 02 Aug 2018 15:11

Tgt Ion: 105 Resp: 105527

Ion Ratio Lower Upper

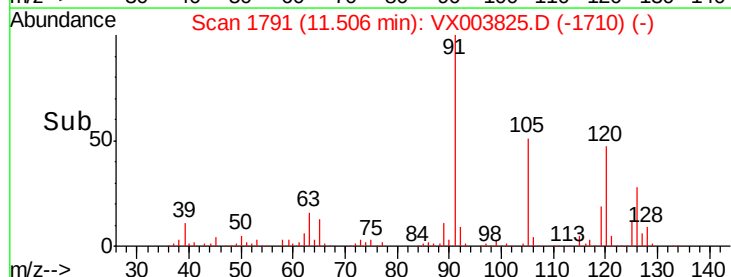
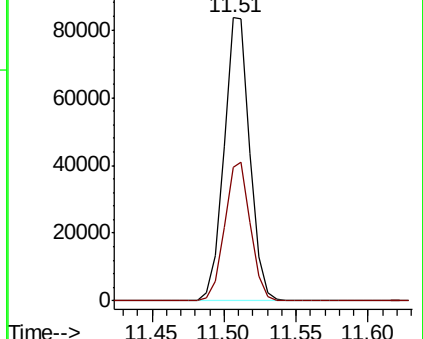
105 100

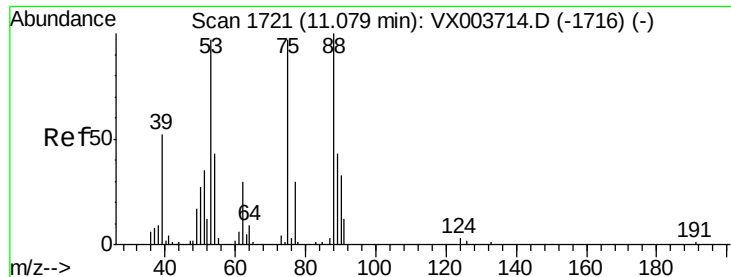
120 48.9 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX003714.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003714.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.15 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampled :

VX0802WBS01

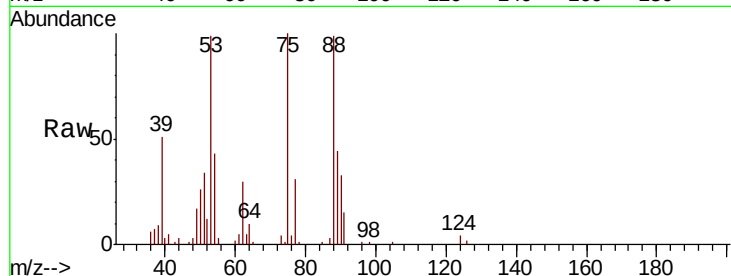
Tot Ion: 75 Resp: 11777

Ion Ratio Lower Upper

75 100

53 98.8 48.3 144.9

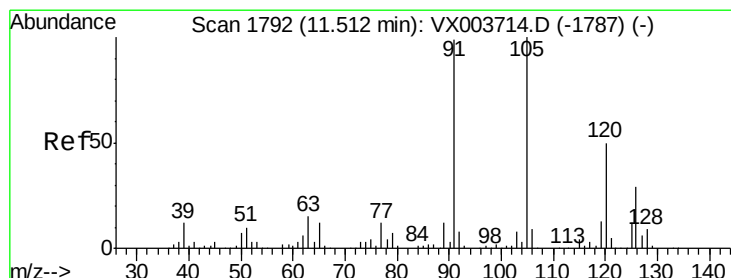
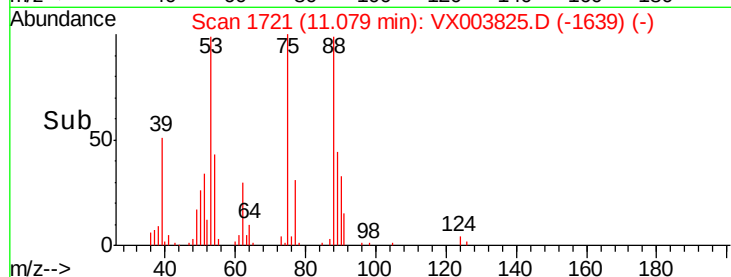
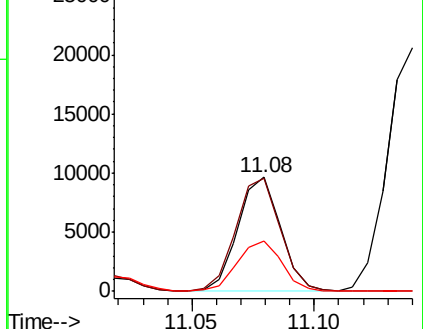
89 44.4 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.27 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003825.D

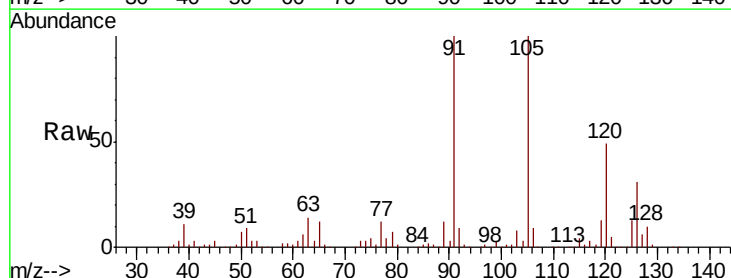
Acq: 02 Aug 2018 15:11

Tgt Ion: 91 Resp: 100359

Ion Ratio Lower Upper

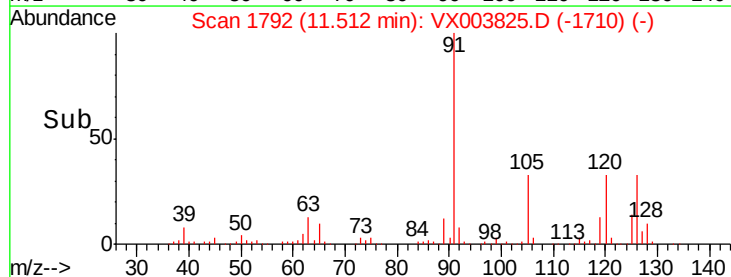
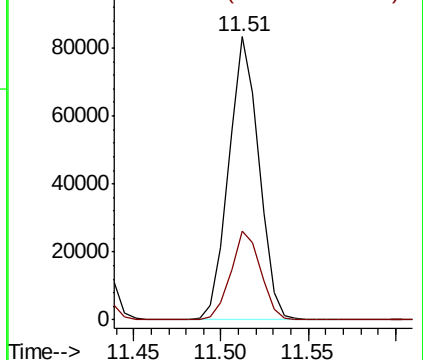
91 100

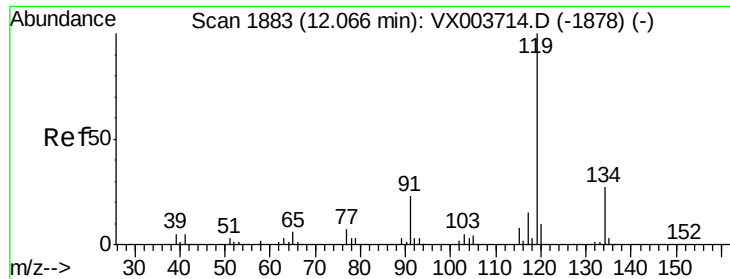
126 31.0 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.39 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBS01

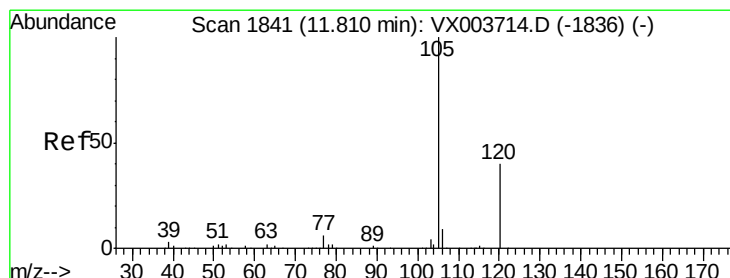
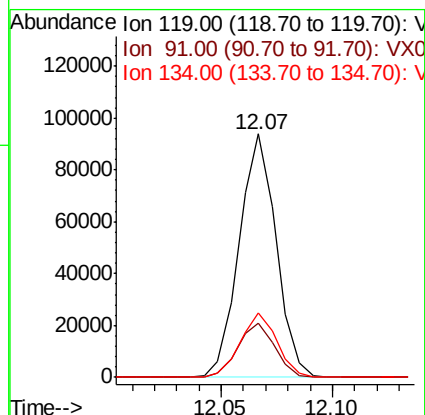
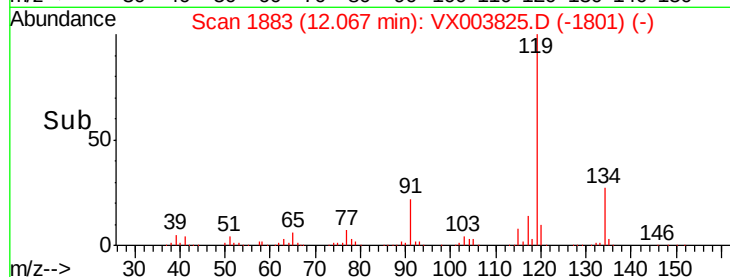
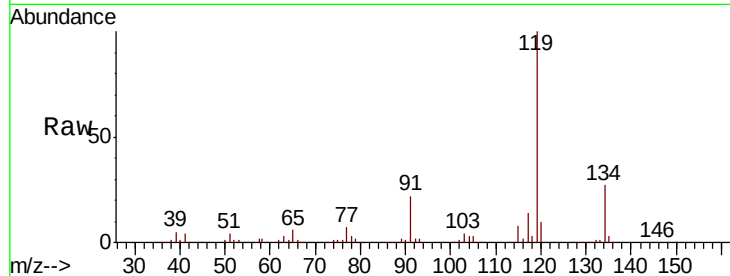
Tot Ion:119 Resp: 108584

Ion Ratio Lower Upper

119 100

91 22.6 0.0 48.0

134 26.4 0.0 52.6



#80

1,2,4-Trimethylbenzene

Concen: 19.31 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003825.D

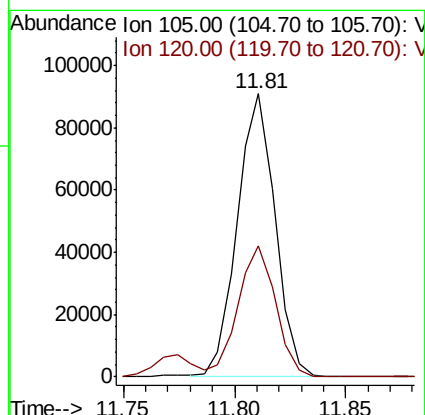
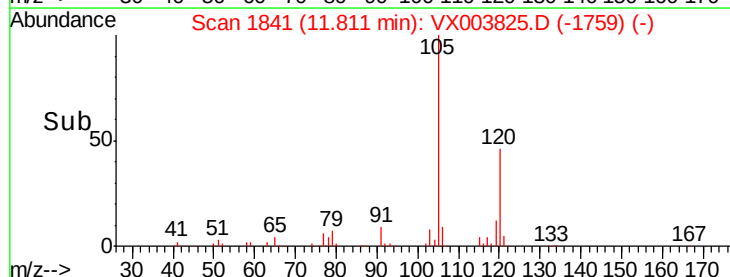
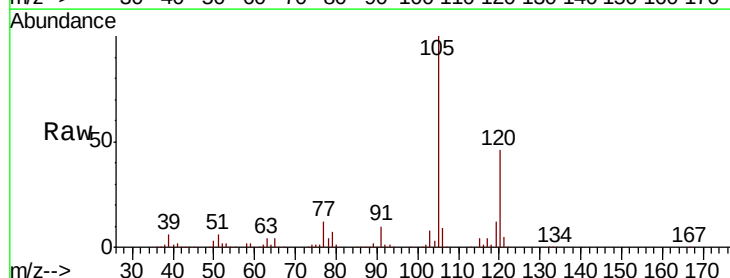
Acq: 02 Aug 2018 15:11

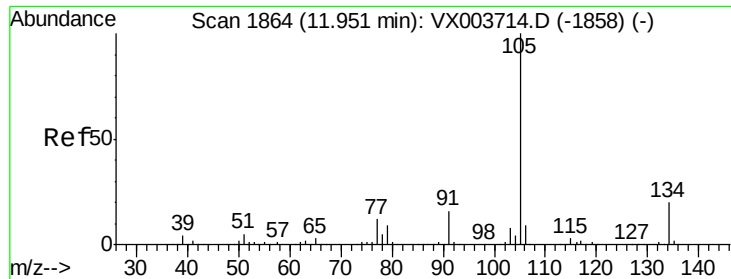
Tgt Ion:105 Resp: 107517

Ion Ratio Lower Upper

105 100

120 46.1 0.0 89.2

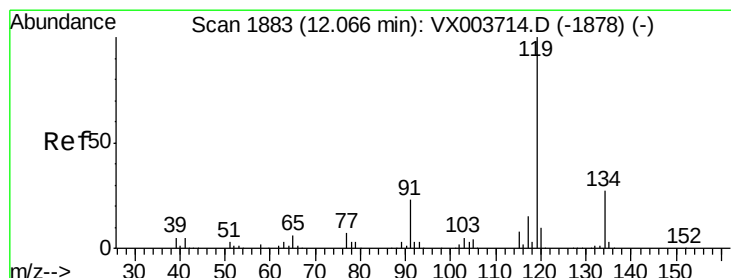
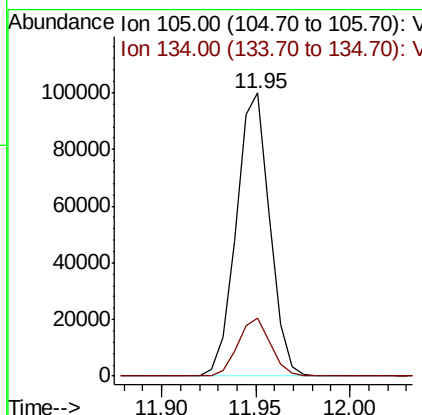
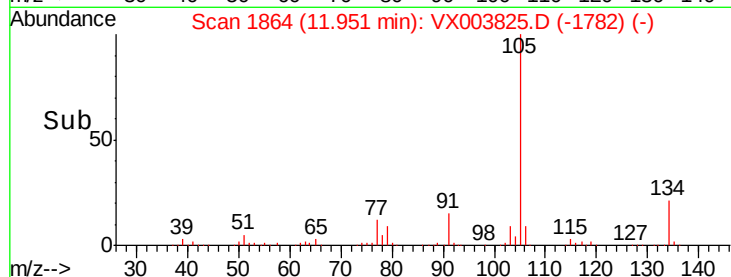
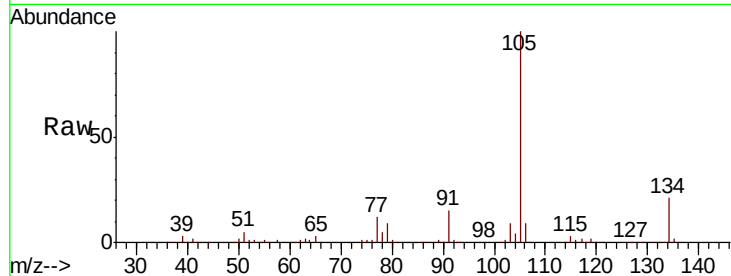




#81
 sec-Butylbenzene
 Concen: 19.32 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

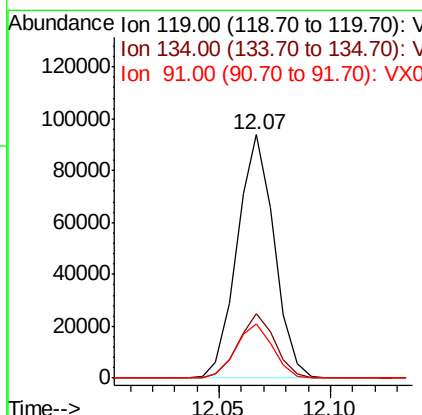
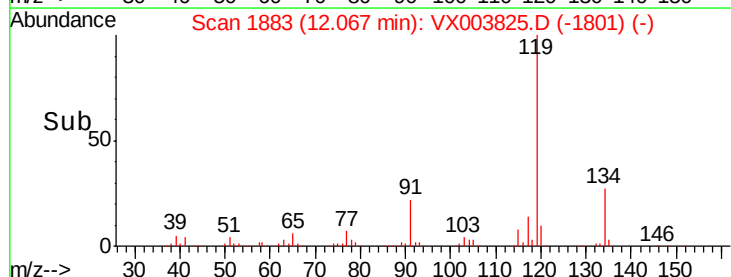
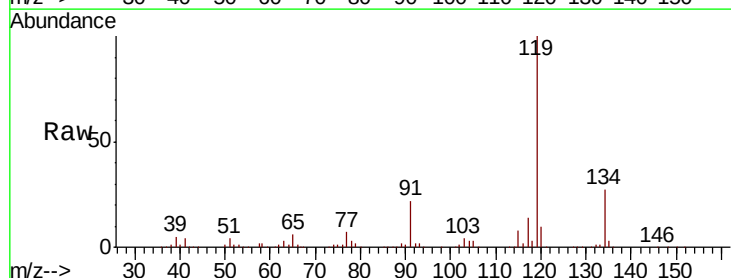
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0802WBS01

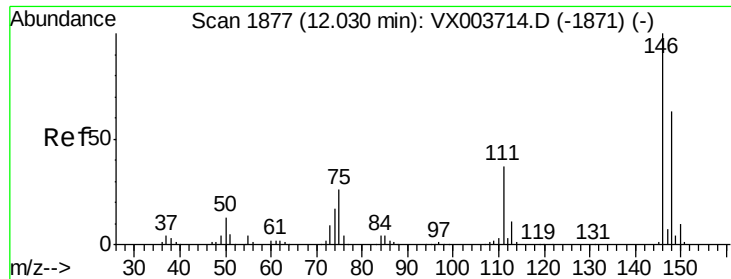
Tot Ion:105 Resp: 122408
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 19.39 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion:119 Resp: 108584
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.6
 91 22.6 0.0 48.0

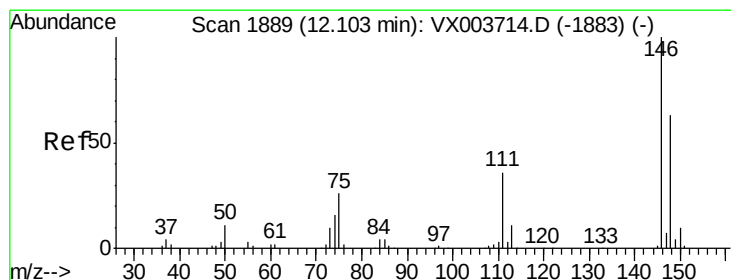
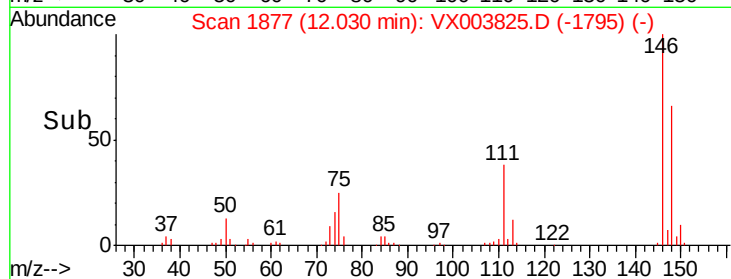
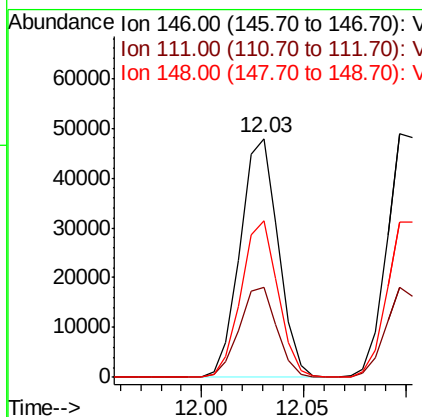
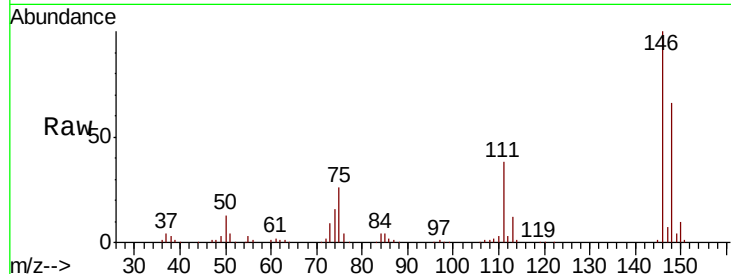




#83
 1,3-Dichlorobenzene
 Concen: 19.65 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

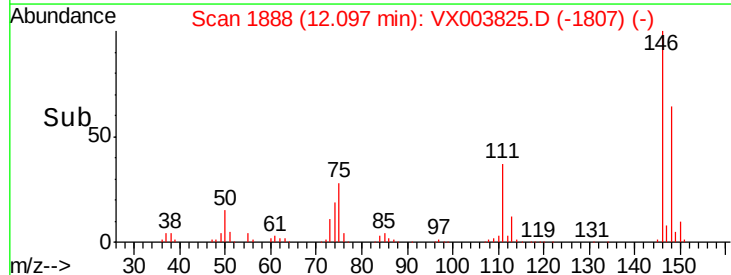
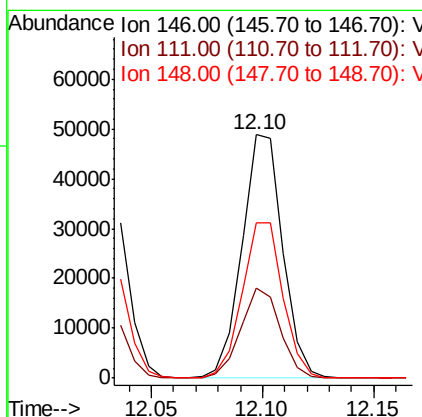
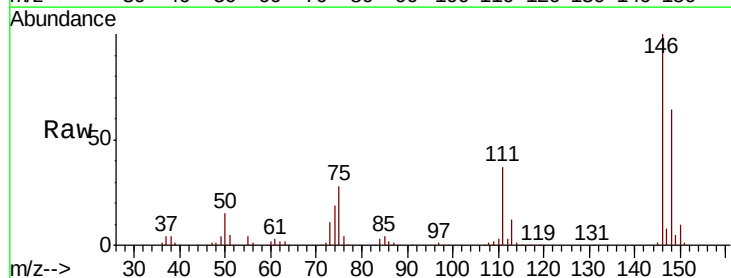
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

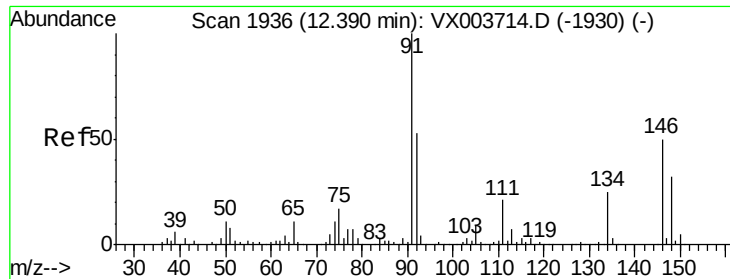
Tot Ion:146 Resp: 62036
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.5
 148 63.8 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.51 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion:146 Resp: 61994
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.5 55.5
 148 64.6 32.0 96.0





#85

n-Butylbenzene

Concen: 18.49 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampled :

VX0802WBS01

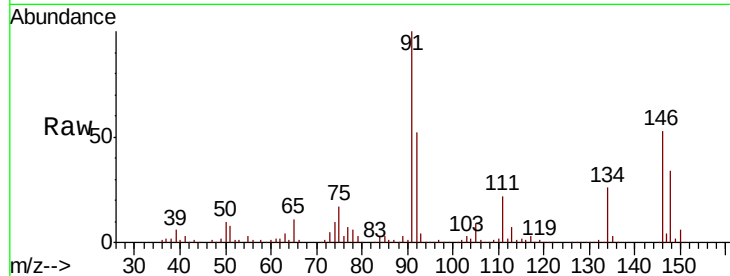
Tot Ion: 91 Resp: 91892

Ion Ratio Lower Upper

91 100

92 52.0 0.0 105.2

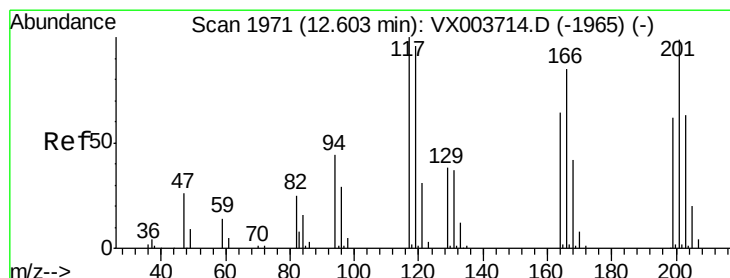
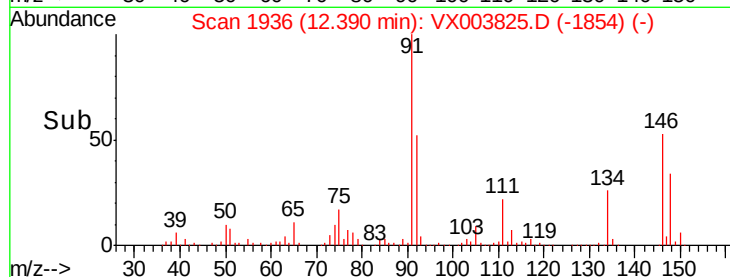
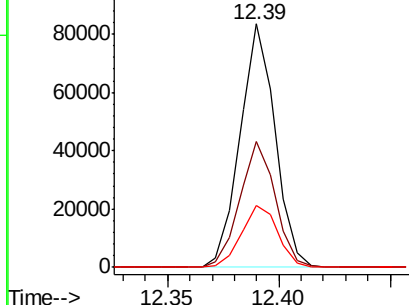
134 26.4 0.0 53.2



Abundance Ion 91.00 (90.70 to 91.70): VX003714.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX003714.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX003714.D (-1930) (-)



#86

Hexachloroethane

Concen: 18.29 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX003825.D

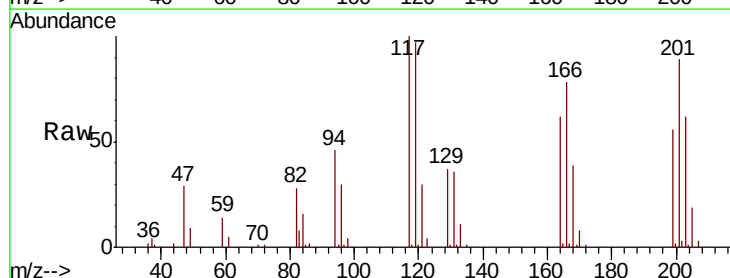
Acq: 02 Aug 2018 15:11

Tgt Ion: 117 Resp: 16500

Ion Ratio Lower Upper

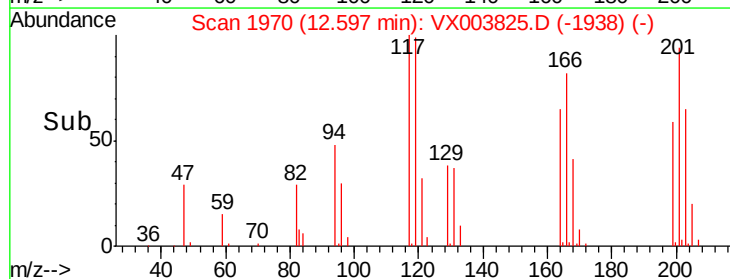
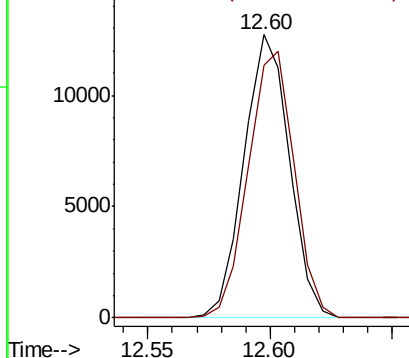
117 100

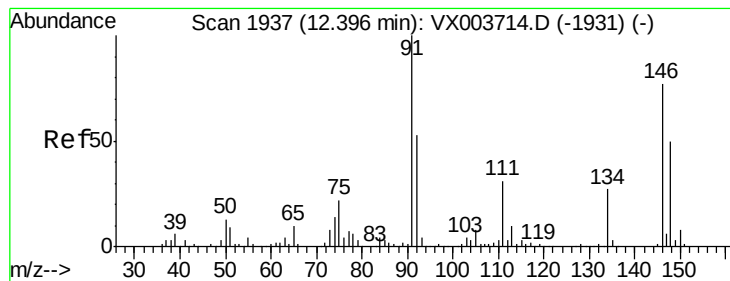
201 95.7 47.6 142.8



Abundance Ion 117.00 (116.70 to 117.70): VX003714.D (-1965) (-)

Ion 201.00 (200.70 to 201.70): VX003714.D (-1965) (-)





#87

1,2-Dichlorobenzene

Concen: 19.64 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBS01

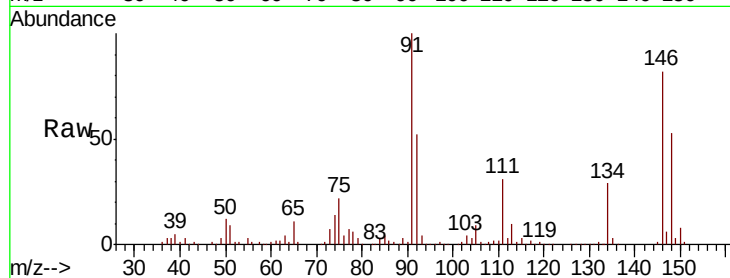
Tot Ion:146 Resp: 62236

Ion Ratio Lower Upper

146 100

111 39.5 20.0 59.9

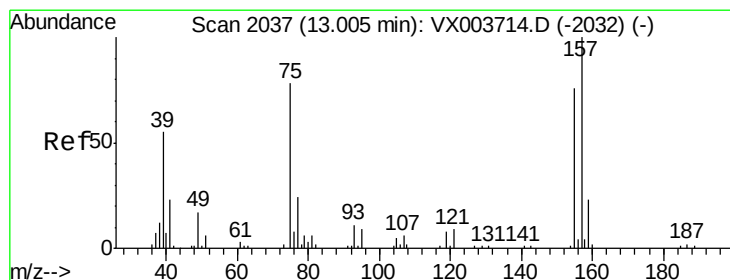
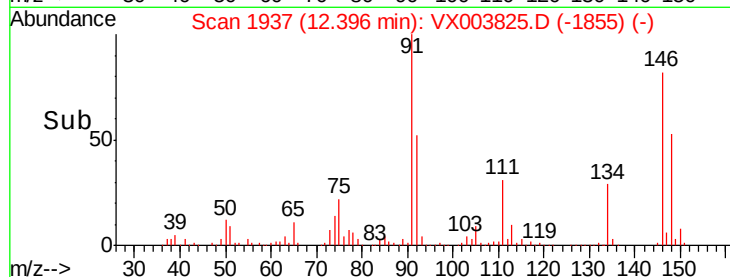
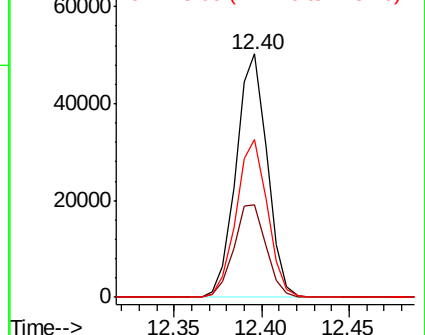
148 64.9 32.8 98.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.78 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VX003825.D

Acq: 02 Aug 2018 15:11

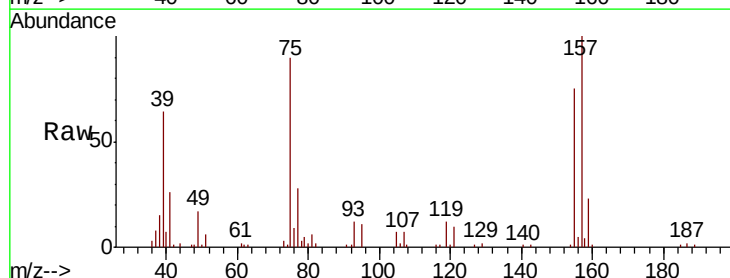
Tgt Ion: 75 Resp: 9076

Ion Ratio Lower Upper

75 100

155 96.6 73.1 109.7

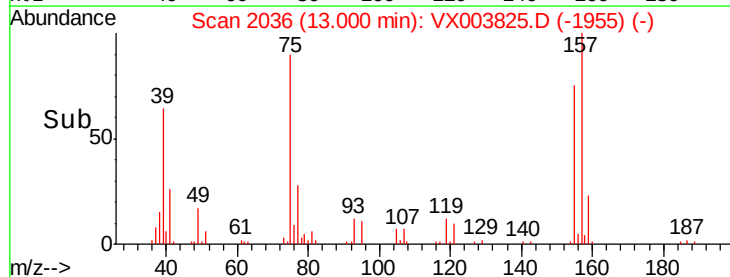
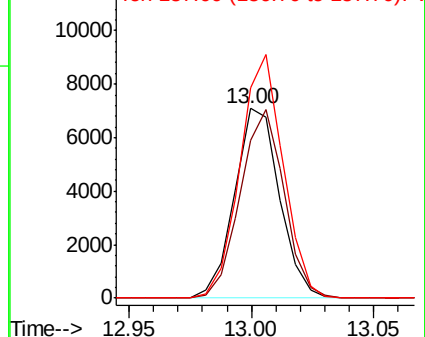
157 122.7 93.1 139.7

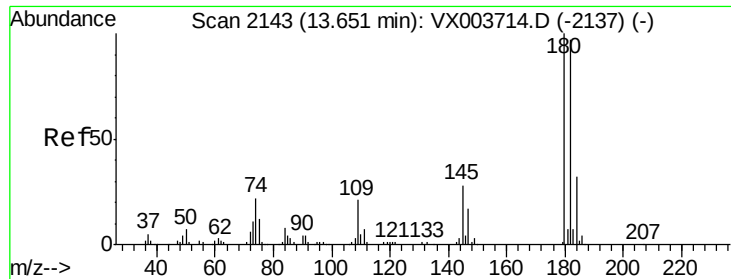


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

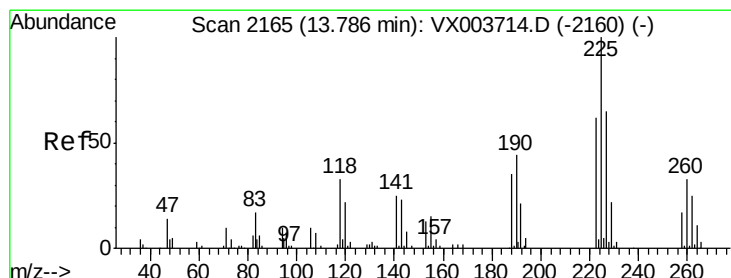
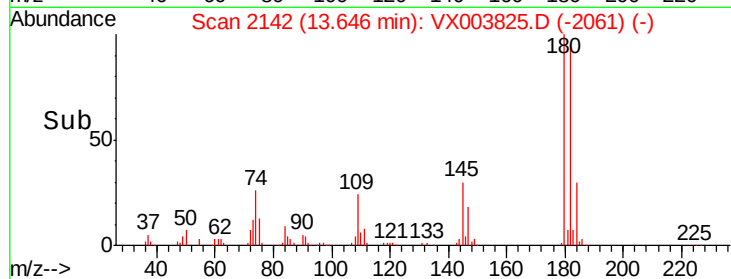
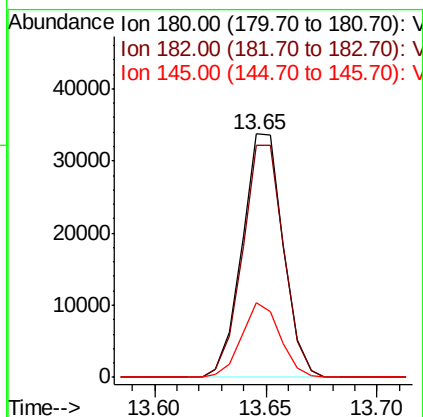
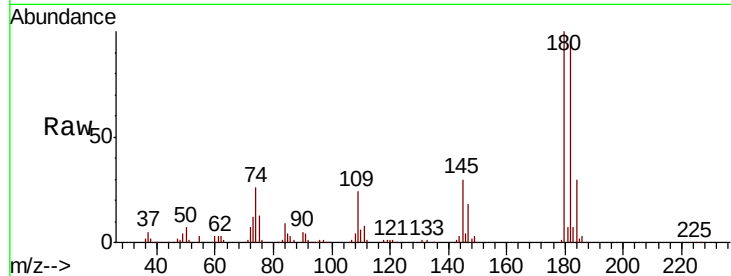




#89
 1,2,4-Trichlorobenzene
 Concen: 19.56 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

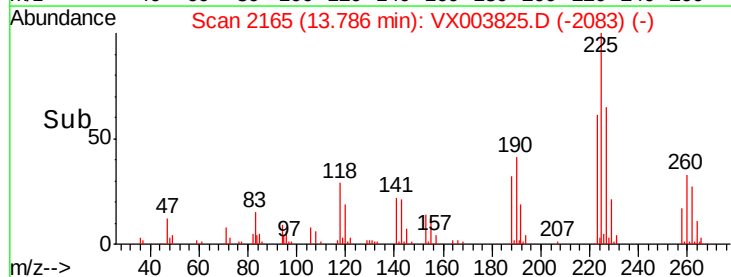
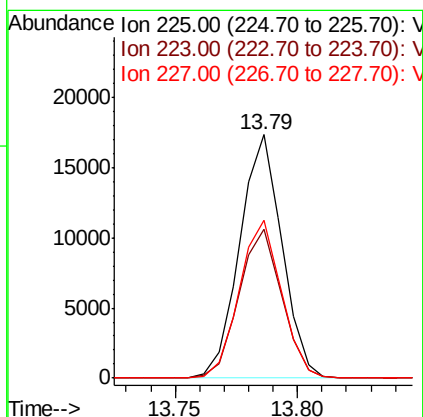
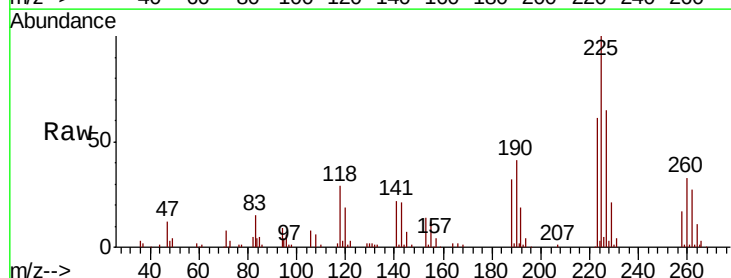
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBS01

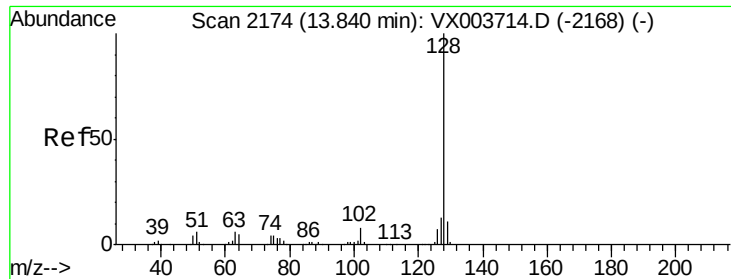
Tot Ion:180 Resp: 43516
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 145 28.7 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 20.65 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003825.D
 Acq: 02 Aug 2018 15:11

Tgt Ion:225 Resp: 20826
 Ion Ratio Lower Upper
 225 100
 223 62.0 0.0 122.4
 227 64.5 0.0 128.0

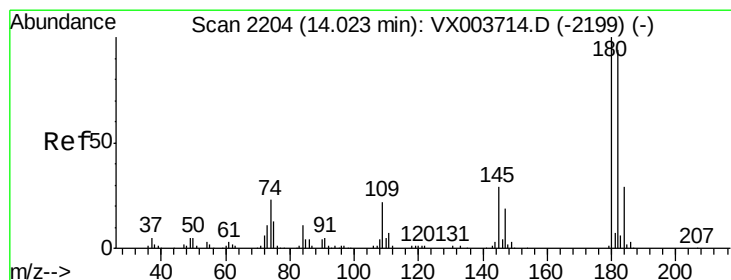
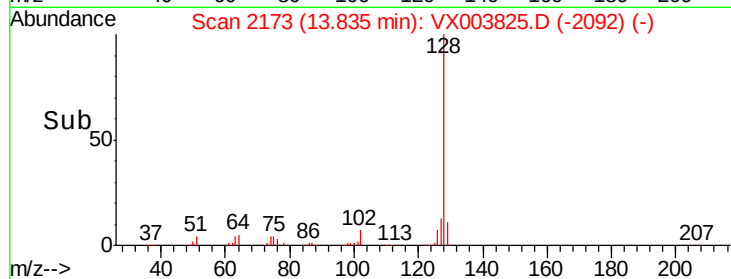
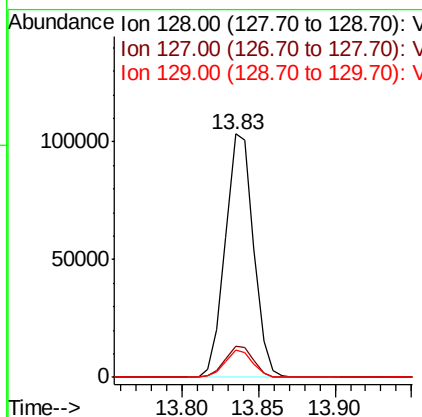
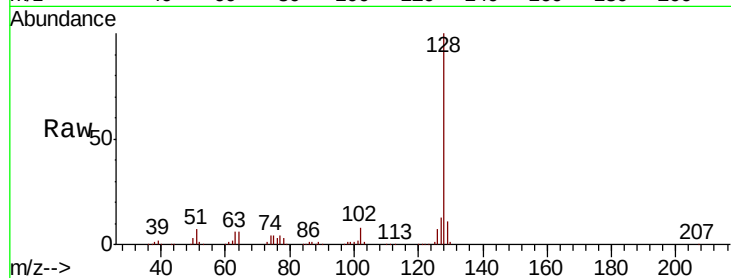




#91
Naphthalene
Concen: 19.47 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBS01

Tot Ion:128 Resp: 132387
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.89 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003825.D
Acq: 02 Aug 2018 15:11

Tgt Ion:180 Resp: 45057
Ion Ratio Lower Upper
180 100
182 96.2 0.0 191.0
145 29.8 0.0 60.6

