

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX003995.D
 Acq On : 13 Aug 2018 13:02
 Operator : JC/MD
 Sample : VX0813WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Quant Time: Aug 14 03:06:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	310463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	424169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258899	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209759	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	5.50	113	174812	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.72	98	662041	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	11.14	95	231944	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	59348	18.86	ug/l	99
3) Chloromethane	1.32	50	74042	17.30	ug/l	99
4) Vinyl Chloride	1.40	62	80016	18.74	ug/l	99
5) Bromomethane	1.64	94	42167	15.51	ug/l	96
6) Chloroethane	1.73	64	55246	20.23	ug/l	98
7) Trichlorofluoromethane	1.93	101	113076	20.06	ug/l	98
8) Diethyl Ether	2.18	74	49697	19.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69103	19.62	ug/l	100
10) Methyl Iodide	2.51	142	57911	13.21	ug/l	99
11) Tert butyl alcohol	3.04	59	96279	97.36	ug/l	100
12) 1,1-Dichloroethene	2.38	96	64595	19.38	ug/l	95
13) Acrolein	2.29	56	33571	61.59	ug/l	100
14) Allyl chloride	2.73	41	124367	19.36	ug/l	98
15) Acrylonitrile	3.14	53	237800	100.77	ug/l	99
16) Acetone	2.43	43	240923	98.40	ug/l	99
17) Carbon Disulfide	2.57	76	168229	16.55	ug/l	99
18) Methyl Acetate	2.77	43	111185	20.86	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	244416	20.70	ug/l	100
20) Methylene Chloride	2.86	84	79363	13.37	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	73605	19.46	ug/l	98
22) Diisopropyl ether	3.87	45	260310	22.05	ug/l	97
23) Vinyl Acetate	3.82	43	1090582	111.01	ug/l	98
24) 1,1-Dichloroethane	3.70	63	146275	20.86	ug/l	100
25) 2-Butanone	4.70	43	378960	102.95	ug/l	100
26) 2,2-Dichloropropane	4.58	77	107042	21.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	83169	20.26	ug/l	99
28) Bromochloromethane	5.02	49	59500	19.82	ug/l	99
29) Tetrahydrofuran	5.15	42	189542	100.18	ug/l	99
30) Chloroform	5.21	83	140756	21.32	ug/l	97
31) Cyclohexane	5.58	56	109846	18.52	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	116545	21.05	ug/l	98
36) 1,1-Dichloropropene	5.80	75	100595	19.09	ug/l	99
37) Ethyl Acetate	4.85	43	113602	19.60	ug/l	100
38) Carbon Tetrachloride	5.78	117	100996	20.14	ug/l	95

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 VX0813WBSD01

Quant Time: Aug 14 03:06:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112699	18.14	ug/l	99
40) Benzene	6.15	78	312574	19.75	ug/l	99
41) Methacrylonitrile	5.06	41	62749	19.65	ug/l	99
42) 1,2-Dichloroethane	6.20	62	112443	21.01	ug/l	100
43) Isopropyl Acetate	6.46	43	175787	20.15	ug/l	99
44) Trichloroethene	7.21	130	85807	19.83	ug/l	95
45) 1,2-Dichloropropane	7.52	63	84035	20.56	ug/l	100
46) Dibromomethane	7.67	93	53760	20.26	ug/l	99
47) Bromodichloromethane	7.90	83	100822	20.17	ug/l	100
48) Methyl methacrylate	7.78	41	87295	19.69	ug/l	99
49) 1,4-Dioxane	7.76	88	39334	376.53	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	739501	102.27	ug/l	98
52) Toluene	8.79	92	202383	20.24	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	108831	19.27	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	121141	19.89	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	84402	20.66	ug/l	99
56) Ethyl methacrylate	9.18	69	113579	19.16	ug/l	99
57) 1,3-Dichloropropane	9.37	76	139683	20.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	282704	96.98	ug/l	99
59) 2-Hexanone	9.50	43	555451	102.76	ug/l	98
60) Dibromochloromethane	9.59	129	80645	21.17	ug/l	98
61) 1,2-Dibromoethane	9.67	107	84510	20.66	ug/l	99
64) Tetrachloroethene	9.34	164	79041	18.94	ug/l	92
65) Chlorobenzene	10.14	112	223697	20.27	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	77206	20.35	ug/l	99
67) Ethyl Benzene	10.25	91	354663	19.63	ug/l	94
68) m/p-Xylenes	10.36	106	279566	39.60	ug/l	98
69) o-Xylene	10.70	106	136274	20.45	ug/l	95
70) Styrene	10.71	104	221087	20.26	ug/l	98
71) Bromoform	10.86	173	59379	20.93	ug/l #	97
73) Isopropylbenzene	11.02	105	373656	19.51	ug/l	97
74) N-amyl acetate	6.46	43	175787	17.65	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	124177	18.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	136502	23.87	ug/l	85
77) Bromobenzene	11.26	156	97588	19.10	ug/l	100
78) n-propylbenzene	11.36	91	413399	19.22	ug/l	99
79) 2-Chlorotoluene	11.42	91	250062	19.07	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	306297	19.61	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32732	17.44	ug/l	97
82) 4-Chlorotoluene	11.51	91	289538	18.85	ug/l	100
83) tert-Butylbenzene	11.77	119	303159	19.73	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	324688	20.68	ug/l	98
85) sec-Butylbenzene	11.95	105	359298	19.82	ug/l	98
86) p-Isopropyltoluene	12.07	119	330659	20.32	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181912	19.26	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	187787	19.17	ug/l	99
89) n-Butylbenzene	12.39	91	253921	17.91	ug/l	99
90) Hexachloroethane	12.60	117	44319	16.78	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	167819	17.93	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22221	16.52	ug/l	95

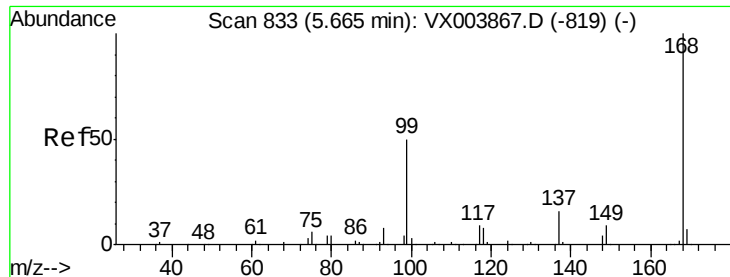
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
Data File : VX003995.D
Acq On : 13 Aug 2018 13:02
Operator : JC/MD
Sample : VX0813WBSD01
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Quant Time: Aug 14 03:06:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107882	16.02	ug/l	100
94) Hexachlorobutadiene	13.79	225	49858	15.81	ug/l	99
95) Naphthalene	13.83	128	323873	16.80	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112535	16.75	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

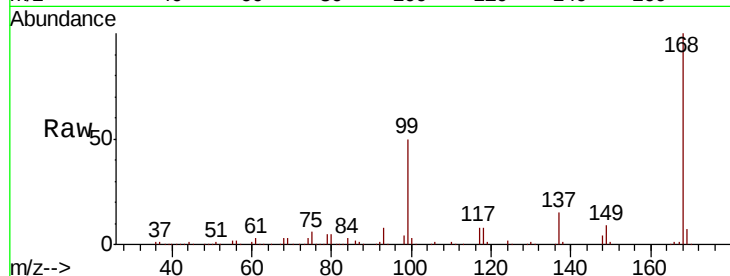
VX0813WBSD01

Tot Ion:168 Resp: 310463

Ion Ratio Lower Upper

168 100

99 49.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

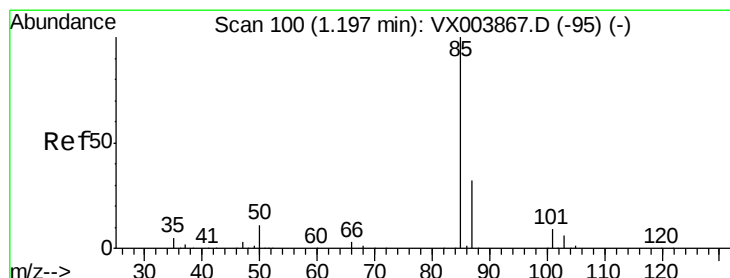
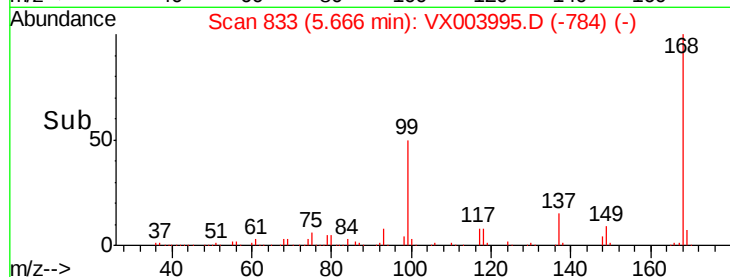
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.86 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003995.D

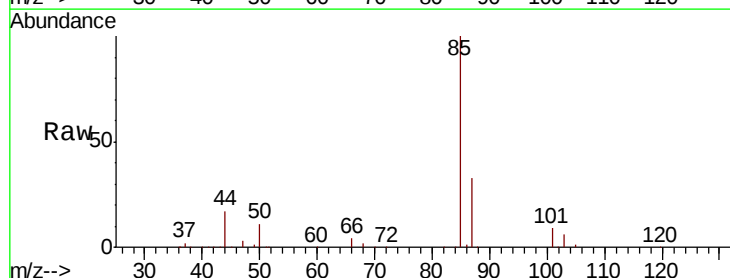
Acq: 13 Aug 2018 13:02

Tgt Ion: 85 Resp: 59348

Ion Ratio Lower Upper

85 100

87 32.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

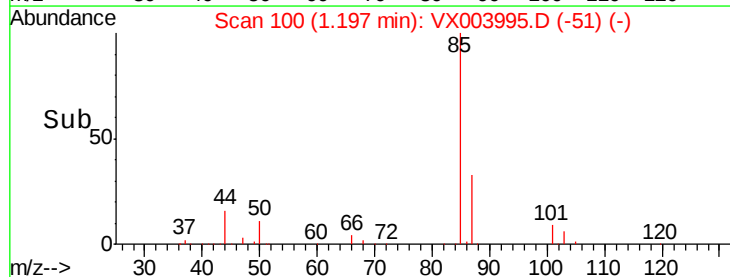
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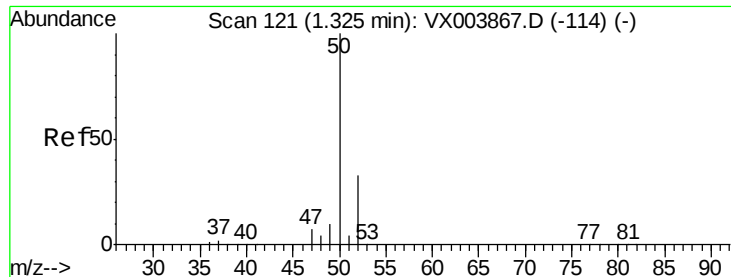
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

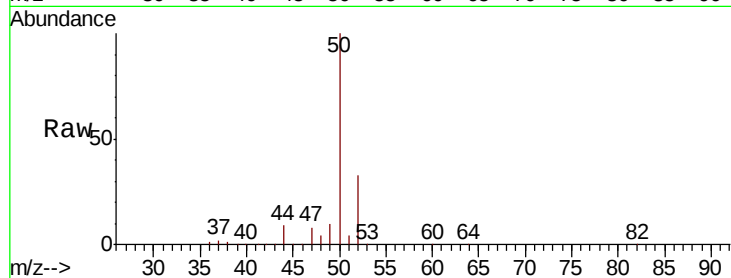
VX0813WBSD01

Tot Ion: 50 Resp: 74042

Ion Ratio Lower Upper

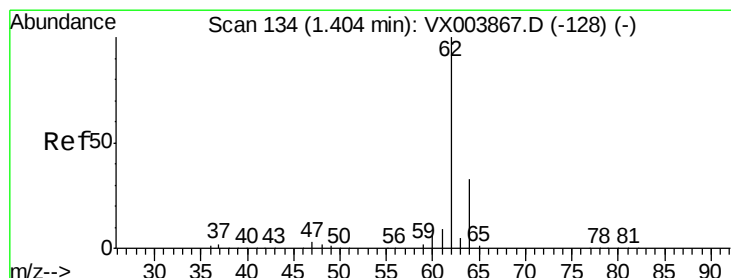
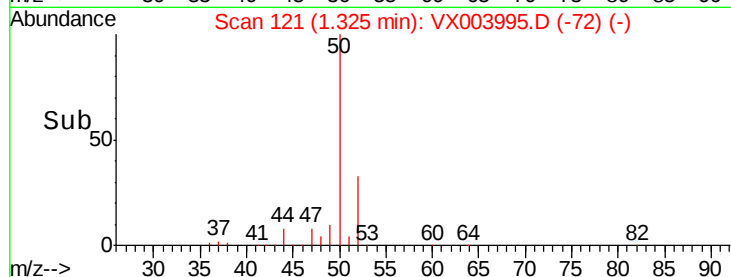
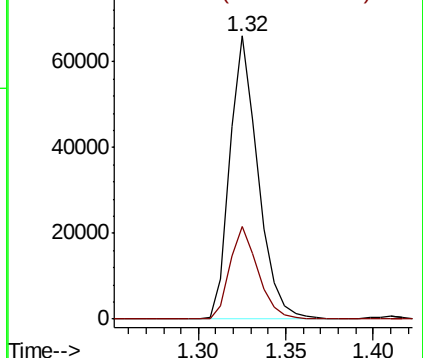
50 100

52 32.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.74 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003995.D

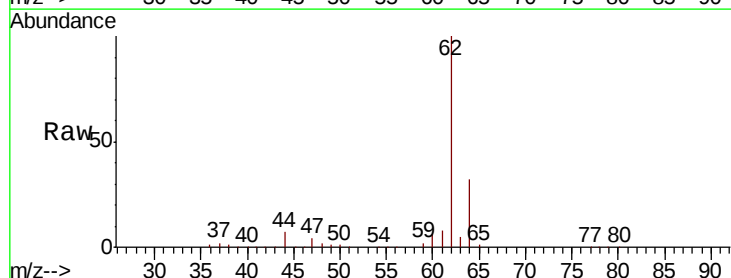
Acq: 13 Aug 2018 13:02

Tgt Ion: 62 Resp: 80016

Ion Ratio Lower Upper

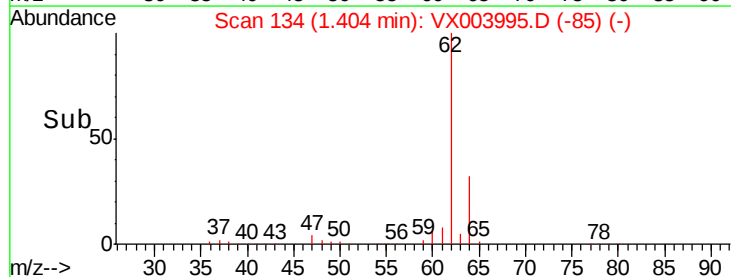
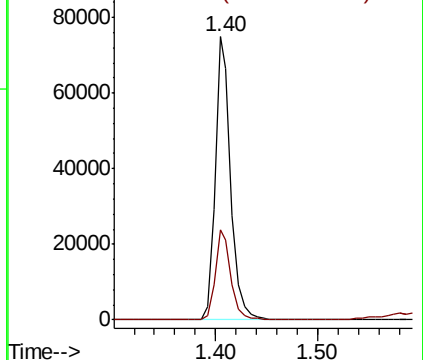
62 100

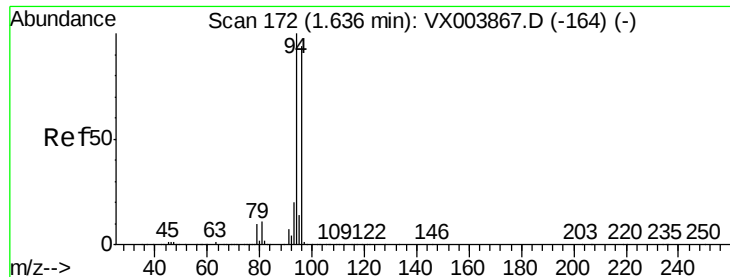
64 31.8 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.51 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

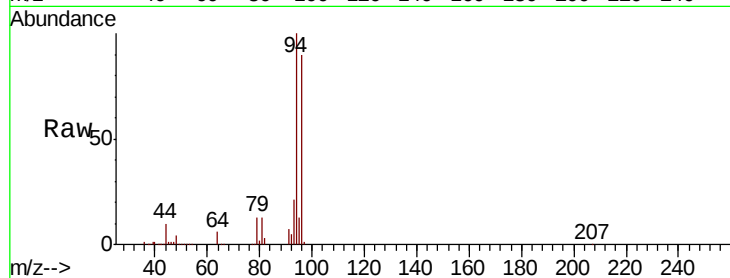
VX0813WBSD01

Tot Ion: 94 Resp: 42167

Ion Ratio Lower Upper

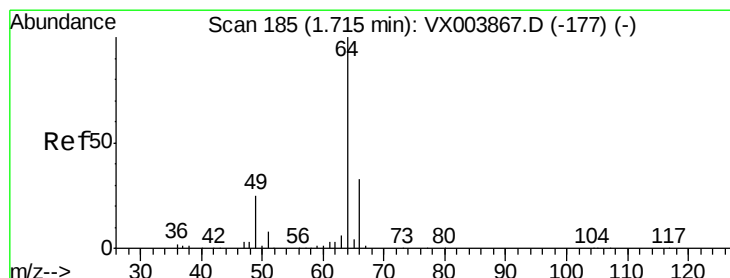
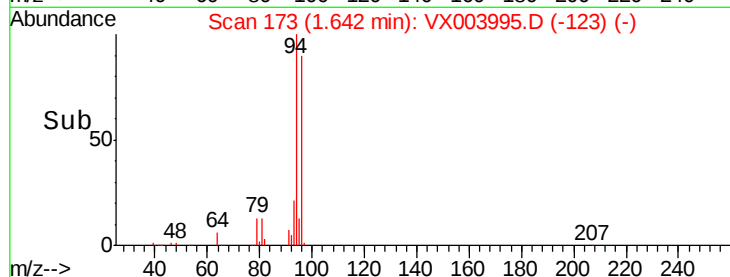
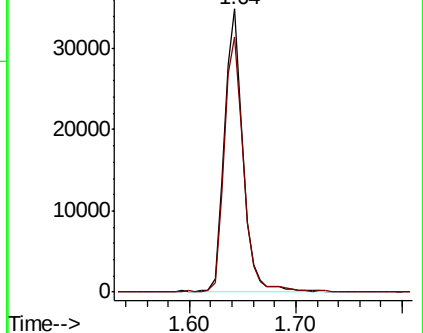
94 100

96 90.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.23 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003995.D

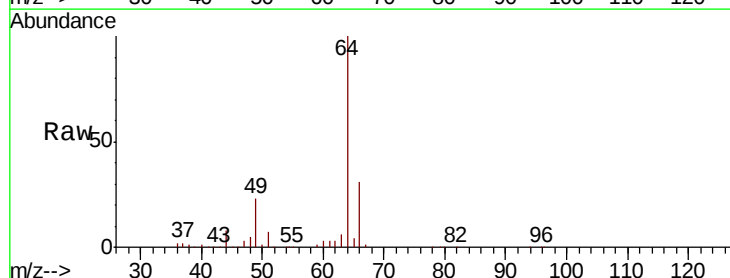
Acq: 13 Aug 2018 13:02

Tgt Ion: 64 Resp: 55246

Ion Ratio Lower Upper

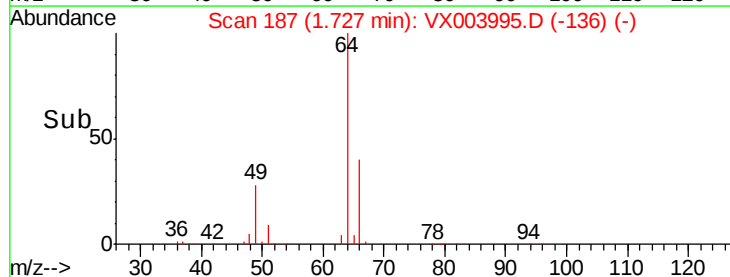
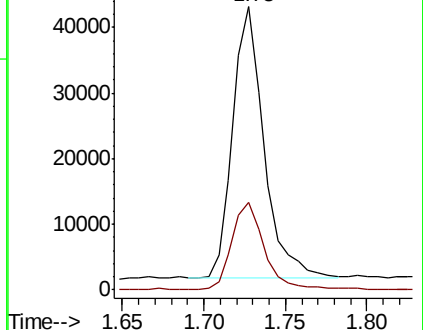
64 100

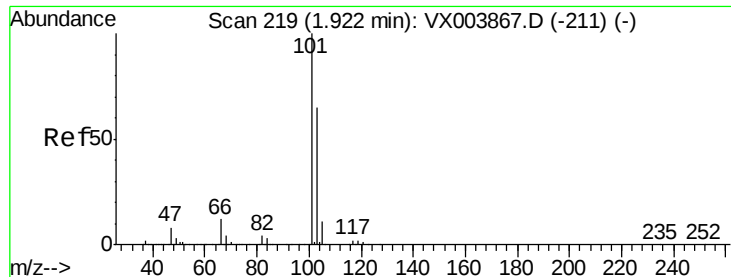
66 32.0 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



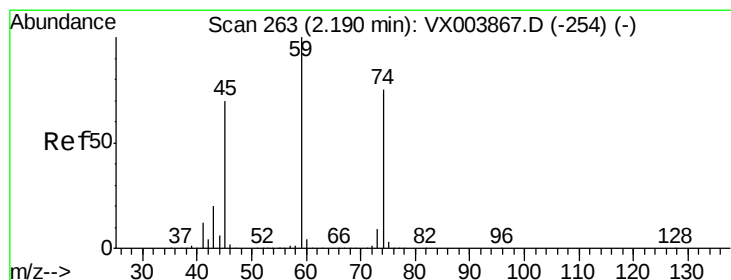
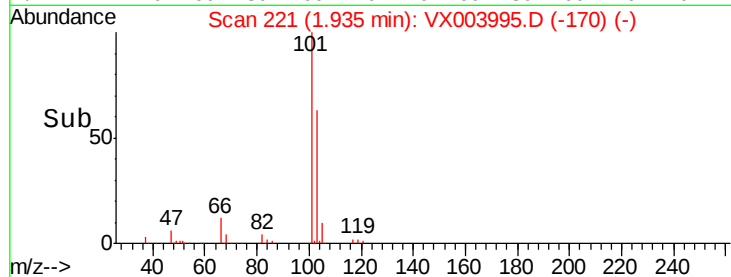
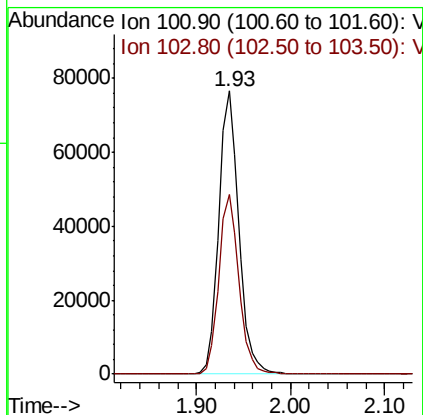
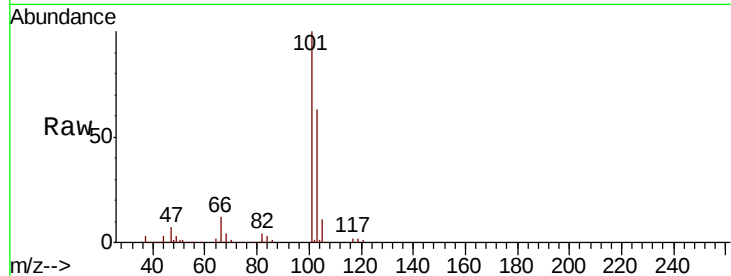


#7

Trichlorofluoromethane
 Concen: 20.06 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

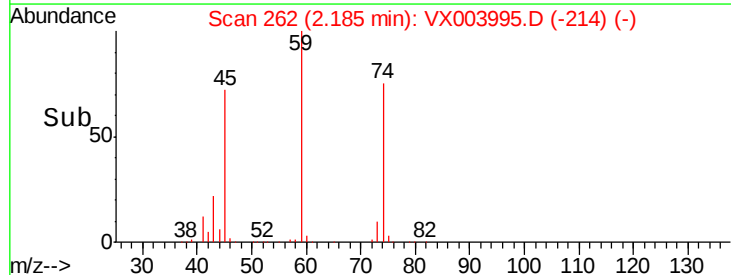
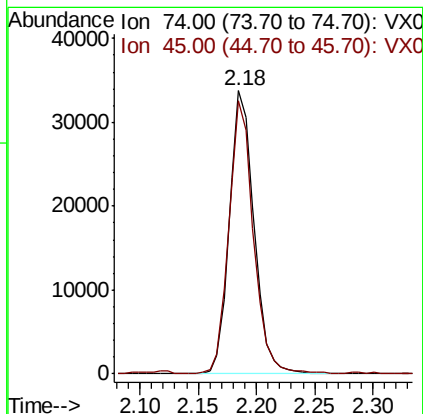
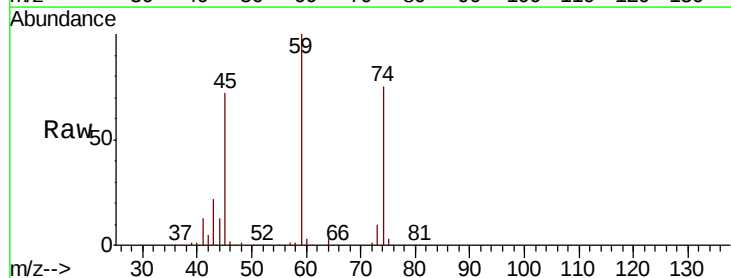
Tot Ion:101 Resp: 113076
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5

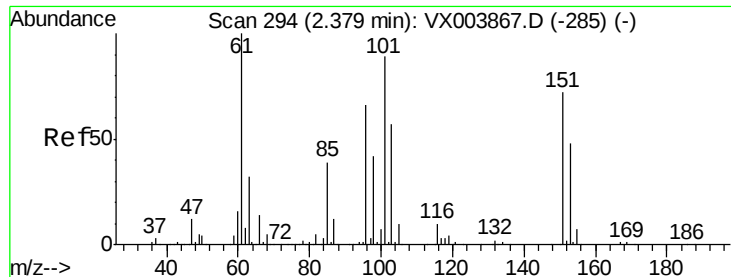


#8

Diethyl Ether
 Concen: 19.62 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion: 74 Resp: 49697
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.3 144.9

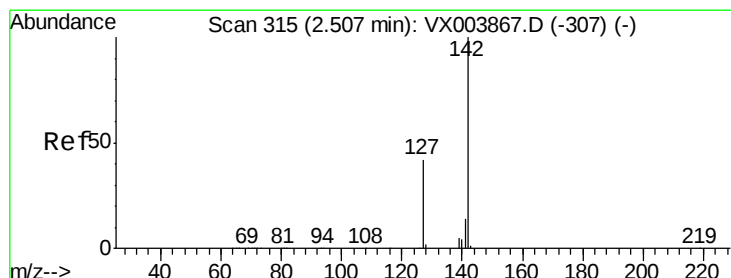
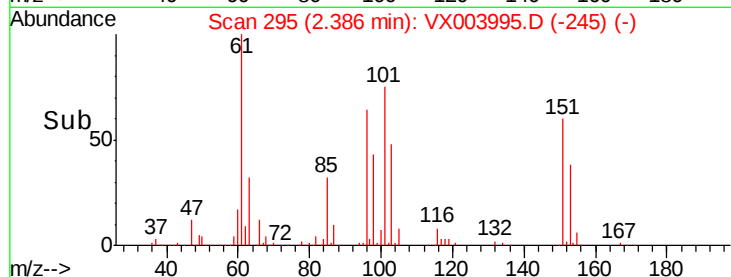
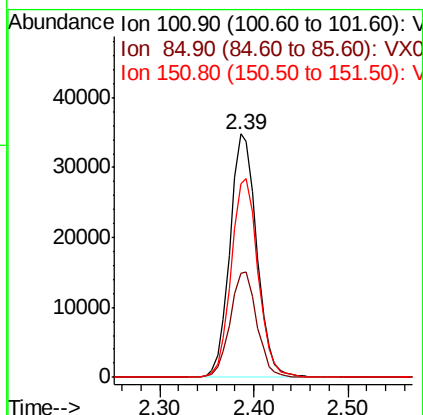
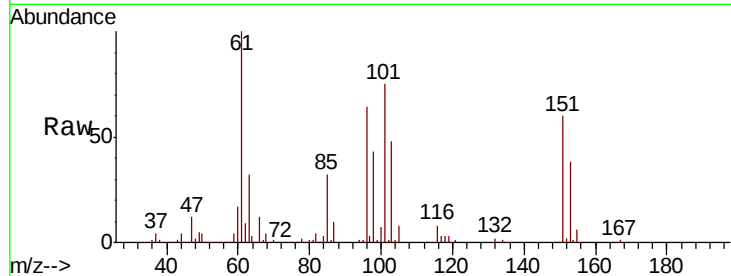




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.62 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

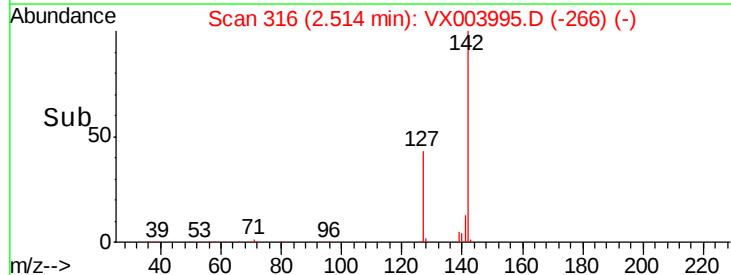
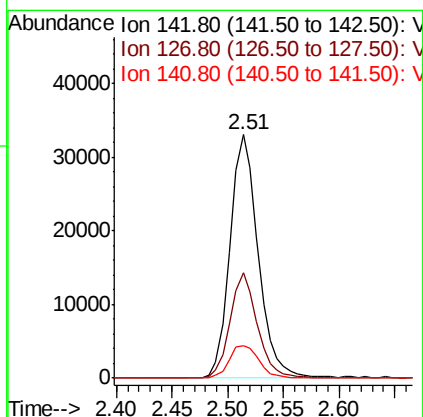
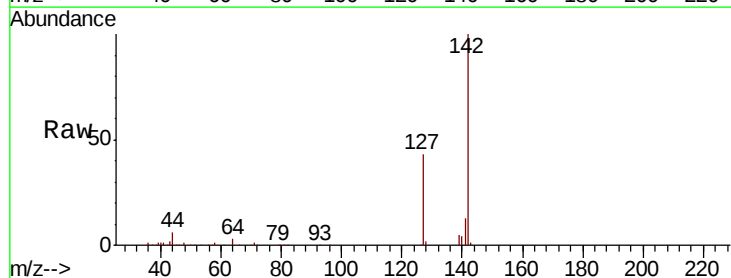
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

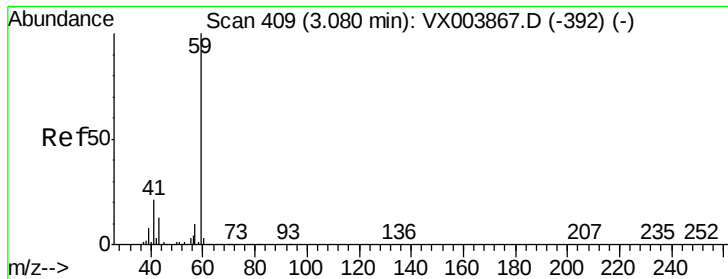
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.2	51.4
151	81.4	65.0	97.4



#10
 Methyl Iodide
 Concen: 13.21 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.1	33.1	49.7
141	14.2	11.1	16.7



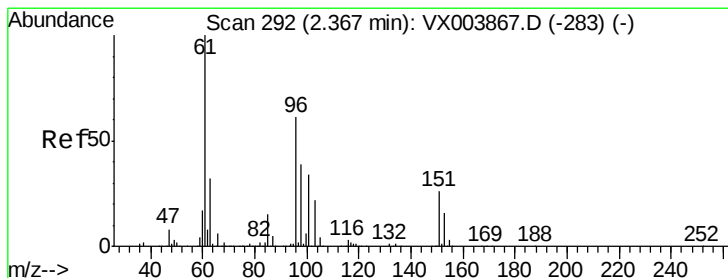
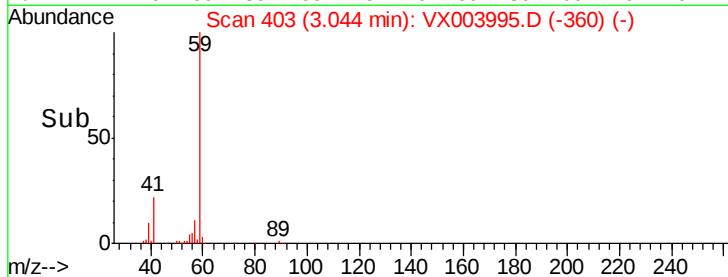
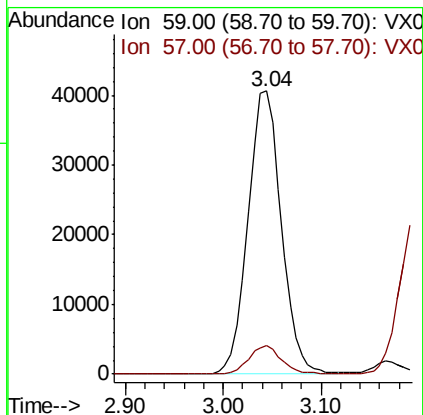
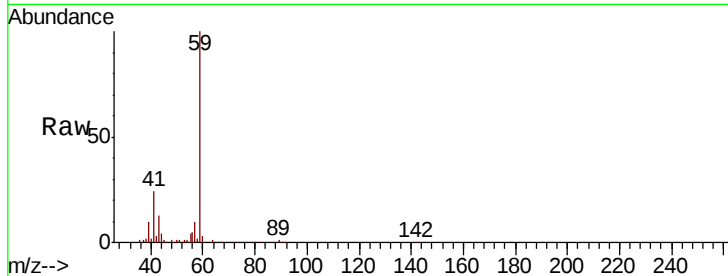


#11

Tert butyl alcohol
 Concen: 97.36 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.04 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

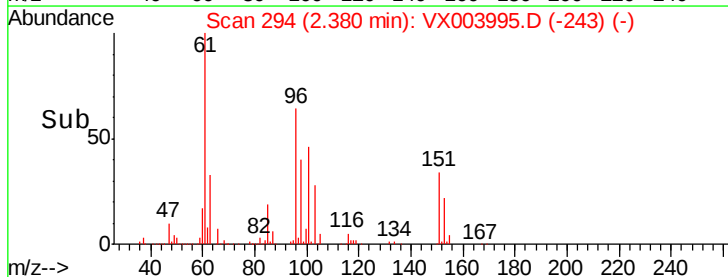
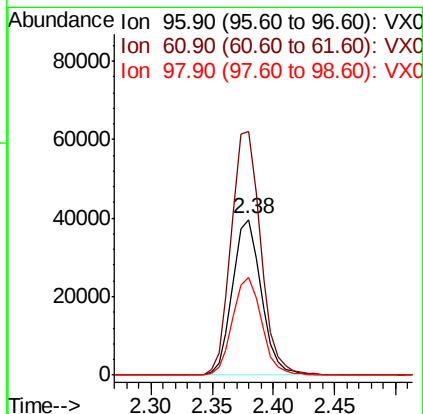
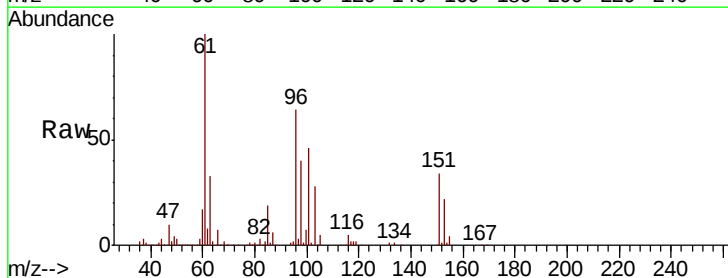
Tot Ion: 59 Resp: 96279
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

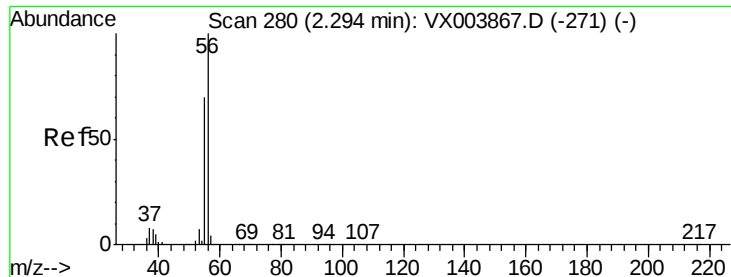


#12

1,1-Dichloroethene
 Concen: 19.38 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion: 96 Resp: 64595
 Ion Ratio Lower Upper
 96 100
 61 156.8 131.3 196.9
 98 62.9 51.8 77.6





#13

Acrolein

Concen: 61.59 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

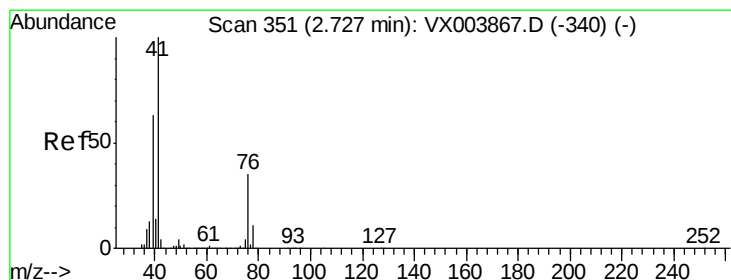
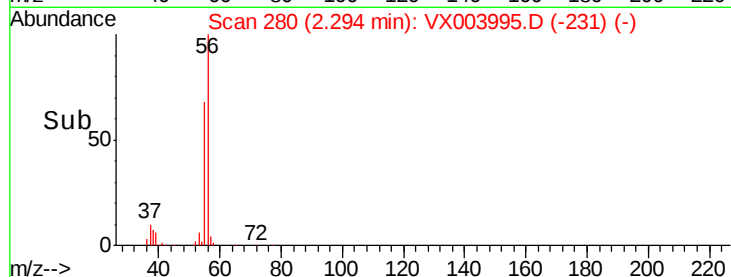
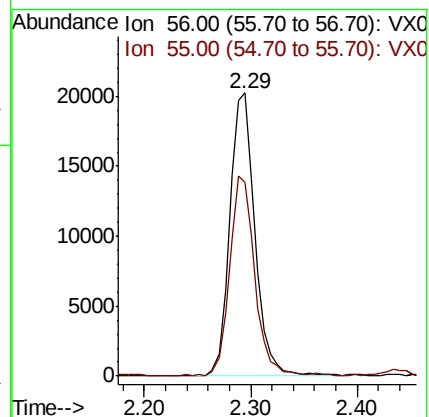
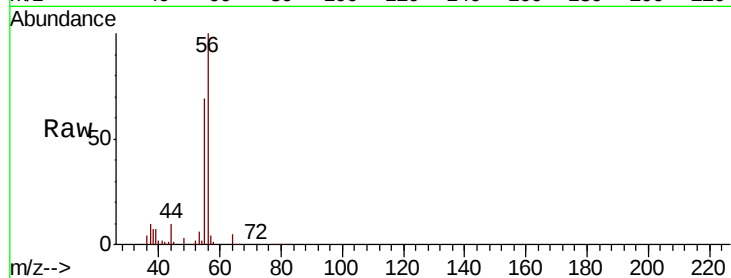
VX0813WBSD01

Tot Ion: 56 Resp: 33571

Ion Ratio Lower Upper

56 100

55 70.4 56.1 84.1



#14

Allyl chloride

Concen: 19.36 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

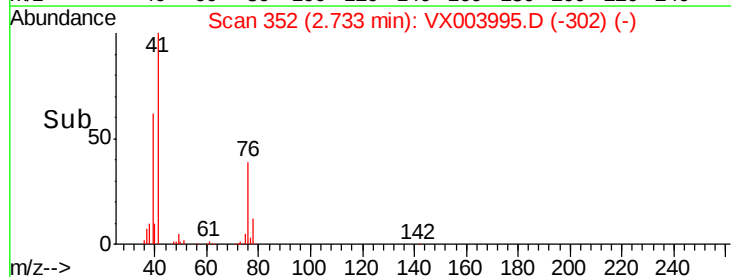
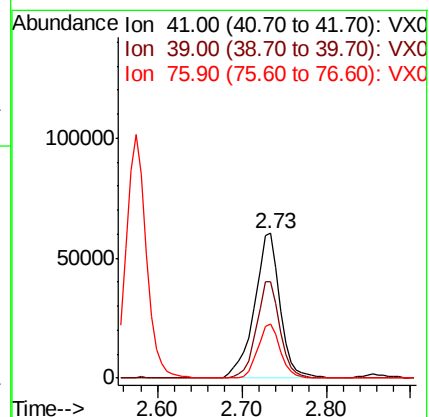
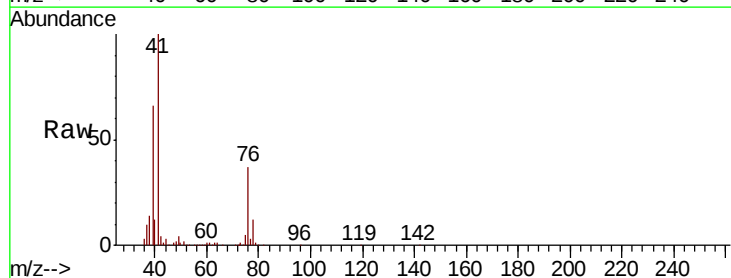
Tgt Ion: 41 Resp: 124367

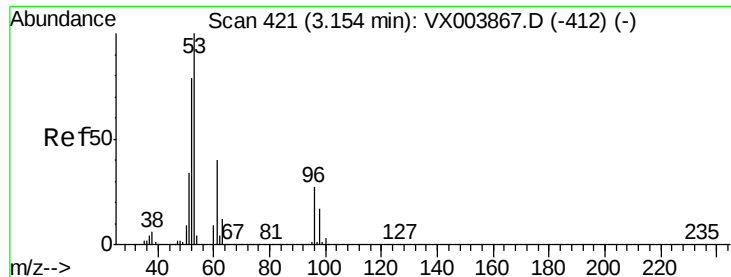
Ion Ratio Lower Upper

41 100

39 61.2 47.4 71.0

76 32.8 26.0 39.0





#15

Acrylonitrile

Concen: 100.77 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

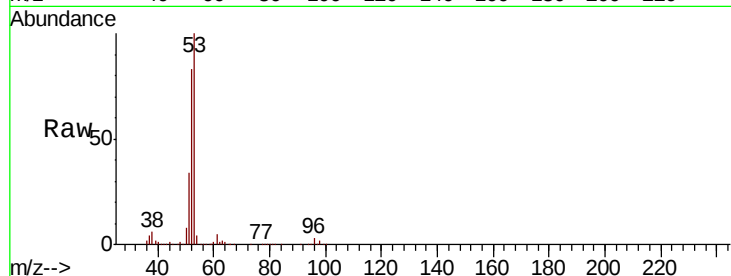
Tot Ion: 53 Resp: 237800

Ion Ratio Lower Upper

53 100

52 82.7 65.3 97.9

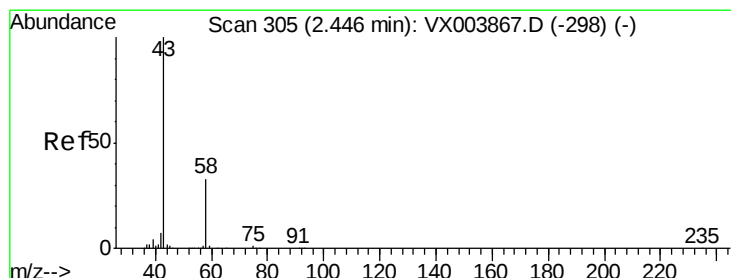
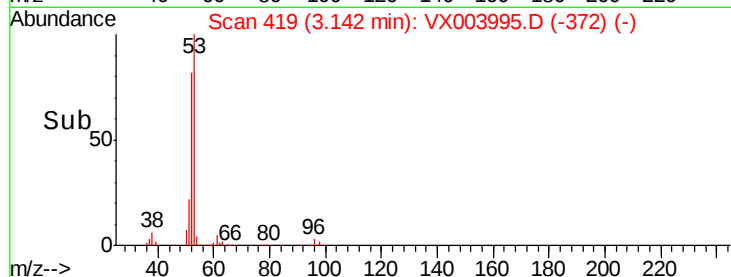
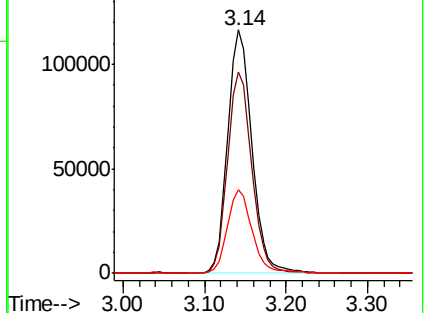
51 35.2 27.9 41.9



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



#16

Acetone

Concen: 98.40 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX003995.D

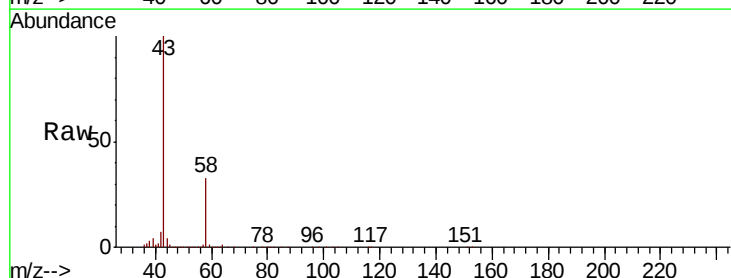
Acq: 13 Aug 2018 13:02

Tgt Ion: 43 Resp: 240923

Ion Ratio Lower Upper

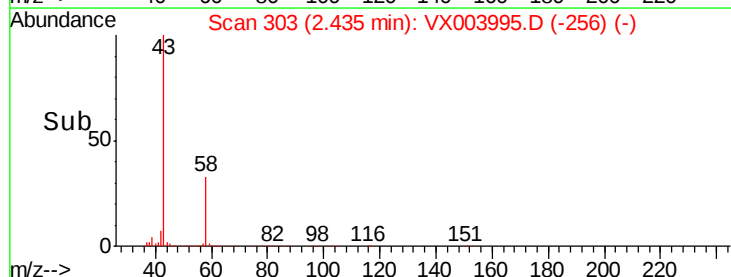
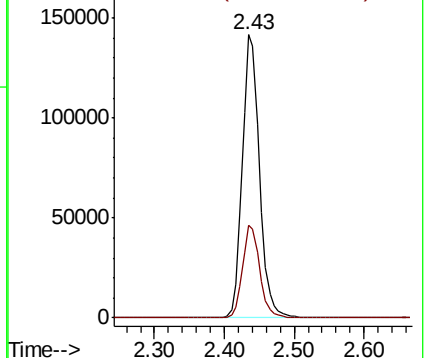
43 100

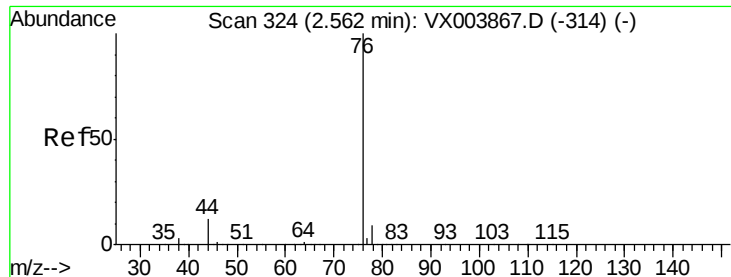
58 32.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

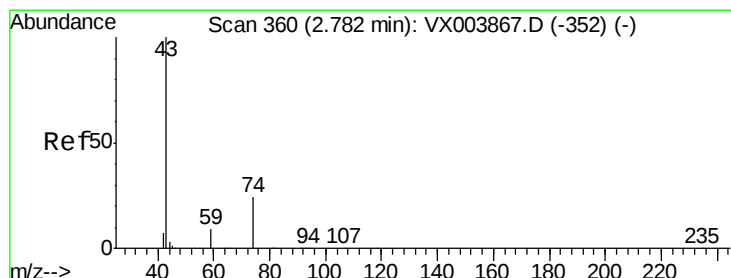
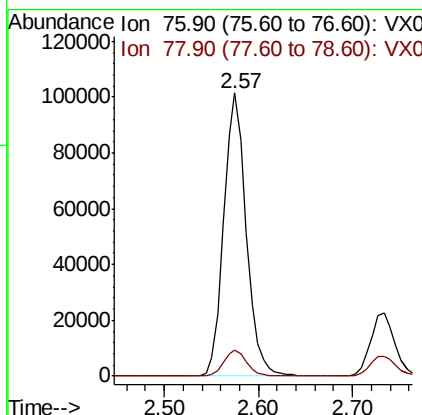
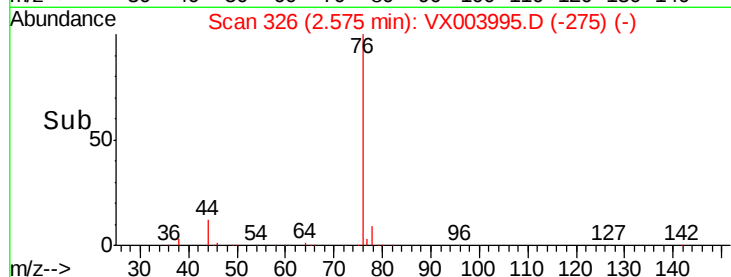
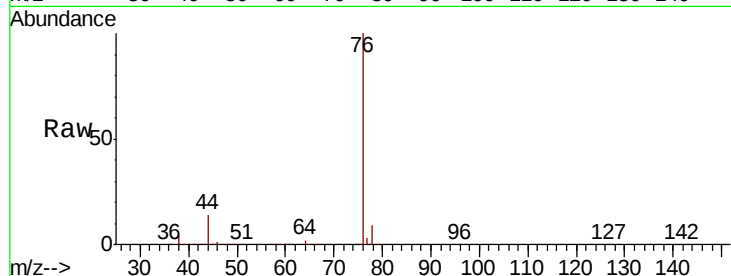




#17
Carbon Disulfide
Concen: 16.55 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

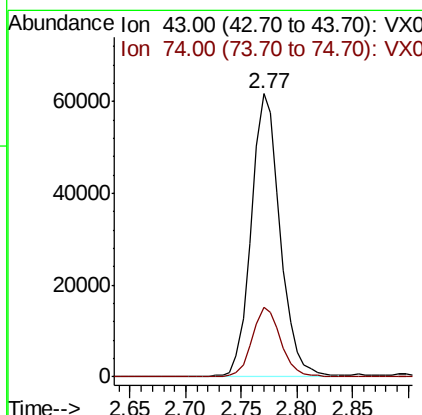
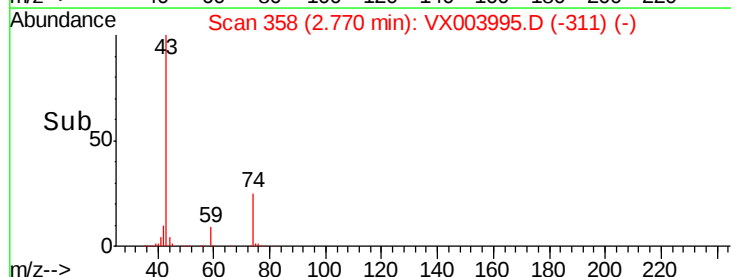
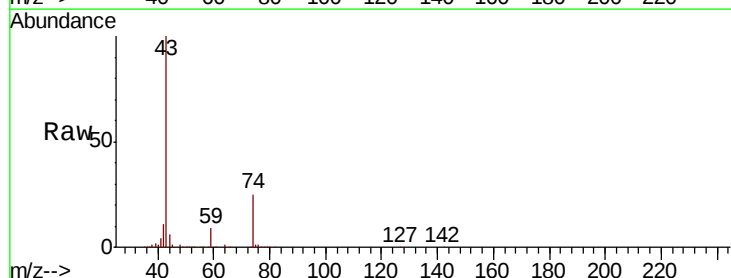
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

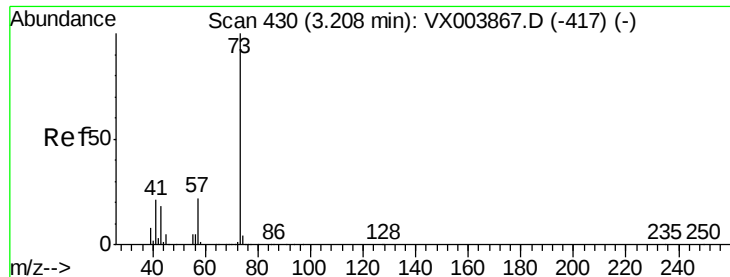
Tot Ion: 76 Resp: 168229
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 20.86 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion: 43 Resp: 111185
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3



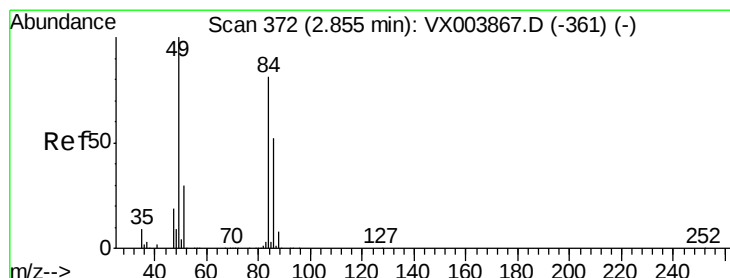
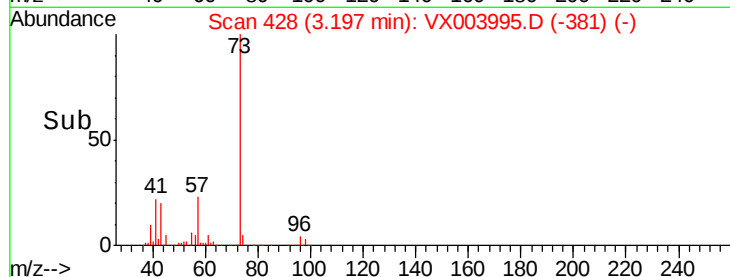
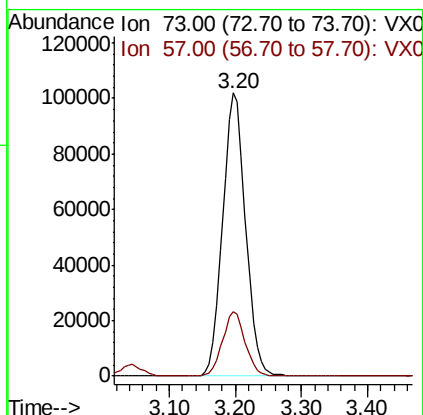
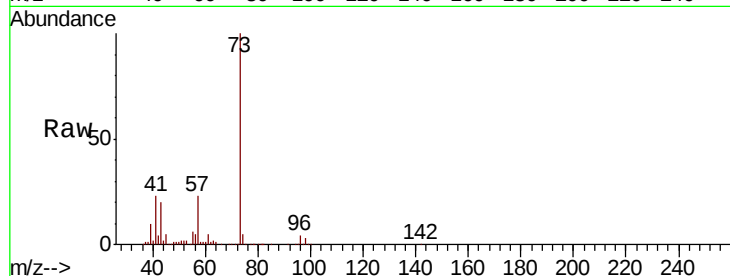


#19

Methyl tert-butyl Ether
 Concen: 20.70 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

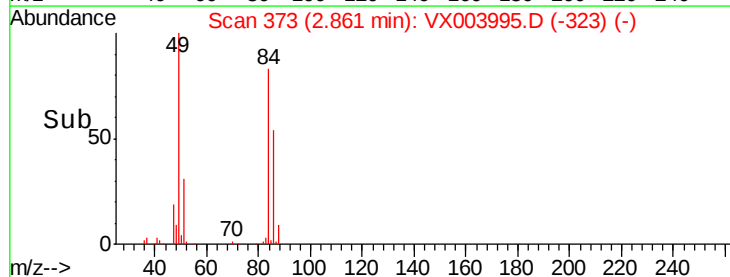
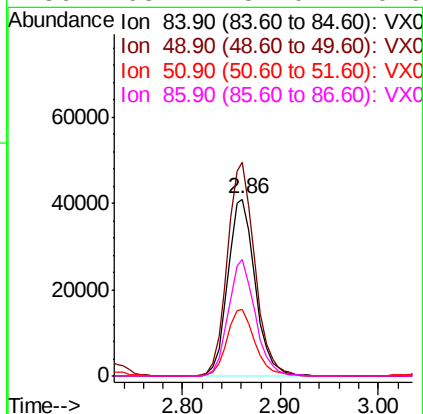
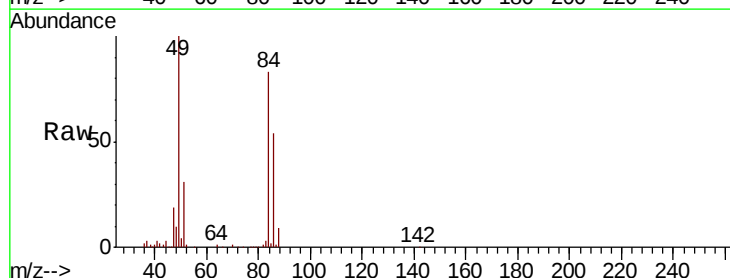
Tot Ion: 73 Resp: 244416
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.0 27.0

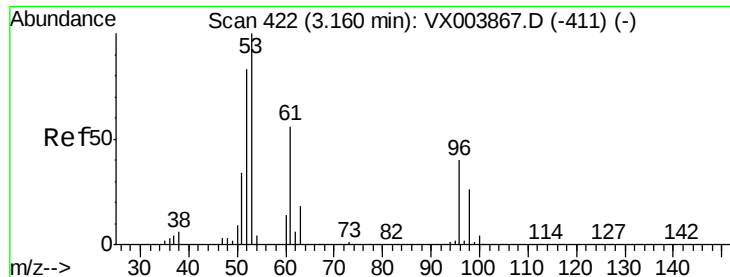


#20

Methylene Chloride
 Concen: 13.37 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion: 84 Resp: 79363
 Ion Ratio Lower Upper
 84 100
 49 120.5 98.9 148.3
 51 37.5 29.9 44.9
 86 65.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.46 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

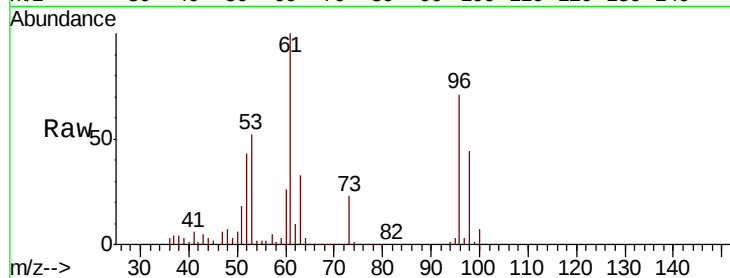
Tot Ion: 96 Resp: 73605

Ion Ratio Lower Upper

96 100

61 141.4 111.8 167.6

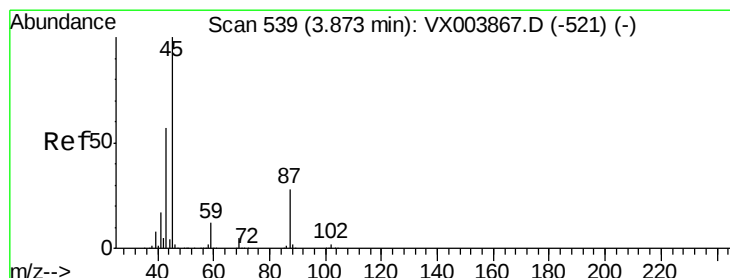
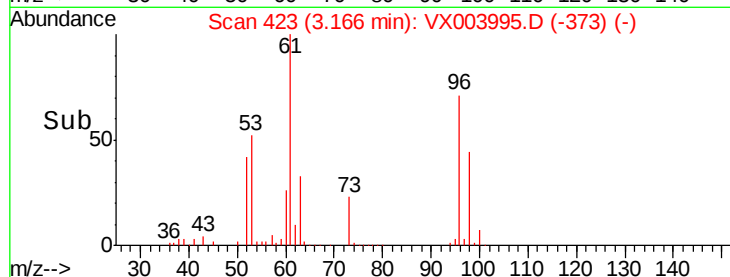
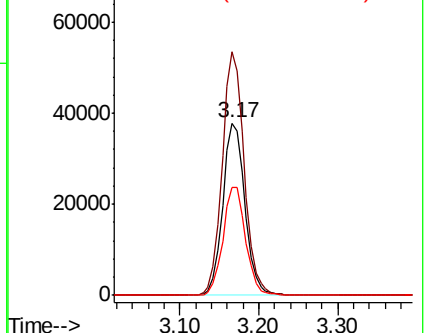
98 62.7 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.05 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Tgt Ion: 45 Resp: 260310

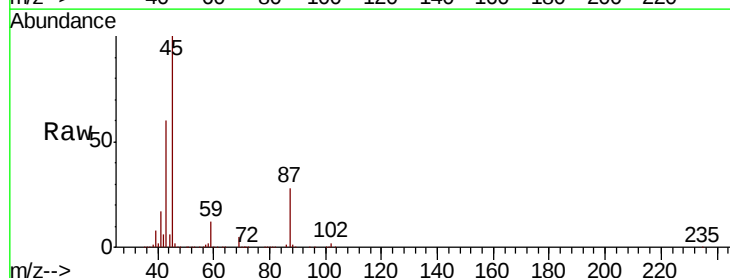
Ion Ratio Lower Upper

45 100

43 59.2 45.3 67.9

87 27.6 22.7 34.1

59 12.1 9.6 14.4

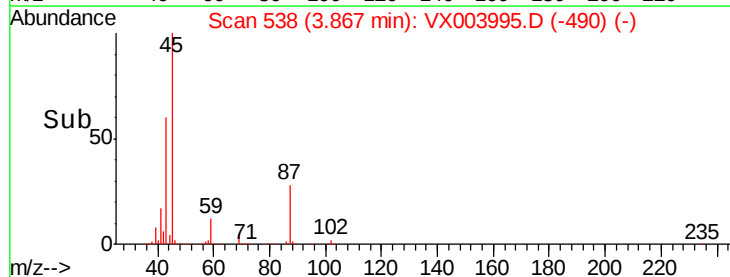
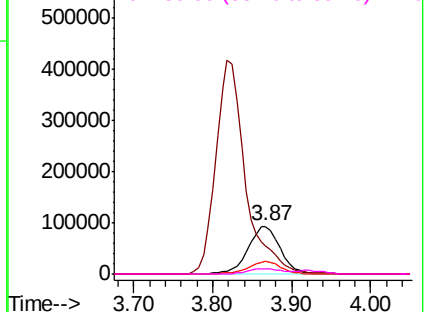


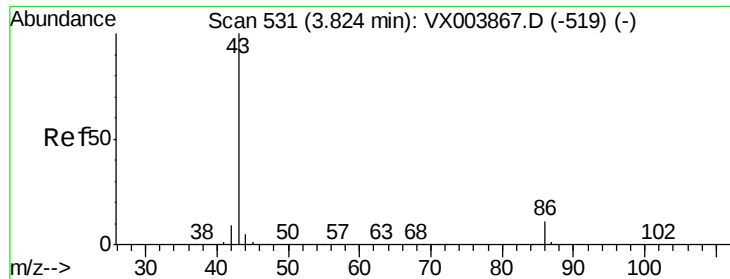
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 111.01 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleID :

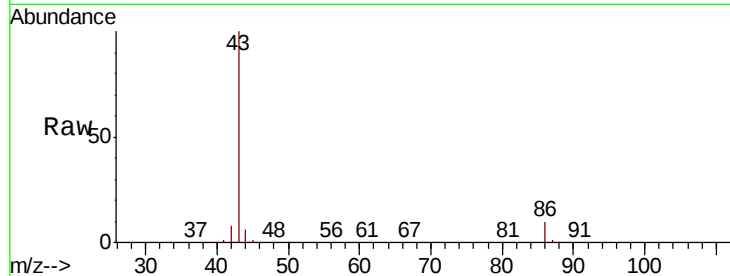
VX0813WBSD01

Tot Ion: 43 Resp: 1090582

Ion Ratio Lower Upper

43 100

86 10.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

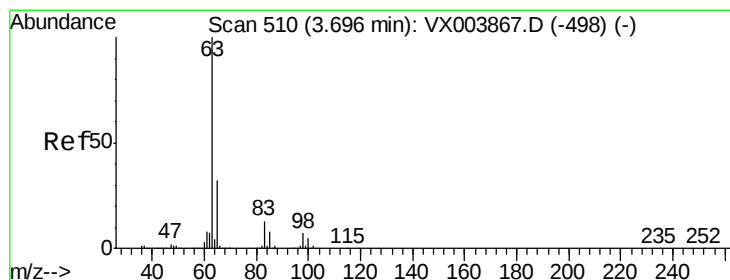
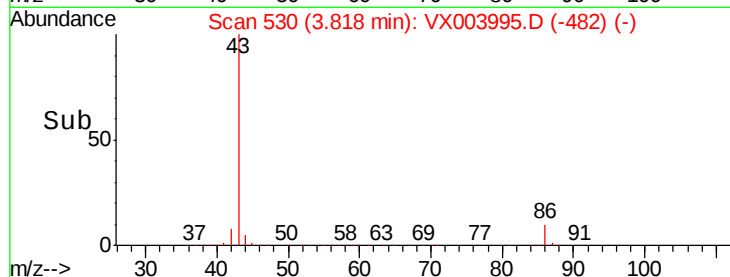
200000

100000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 20.86 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

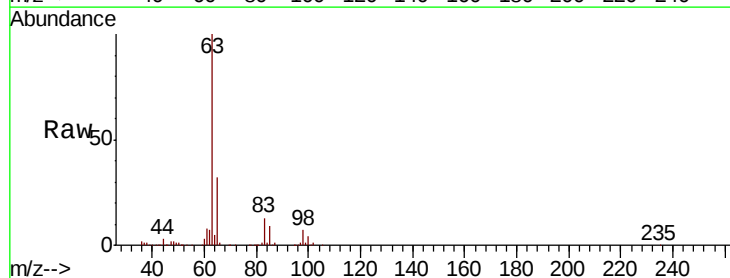
Tgt Ion: 63 Resp: 146275

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

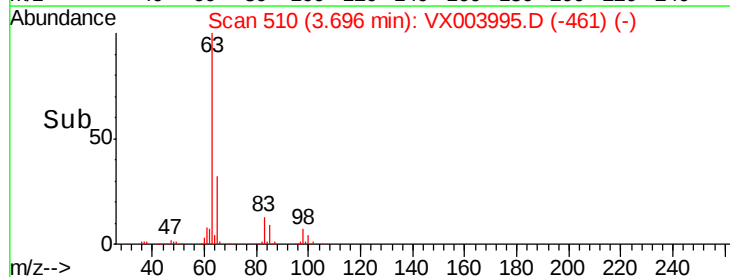
40000

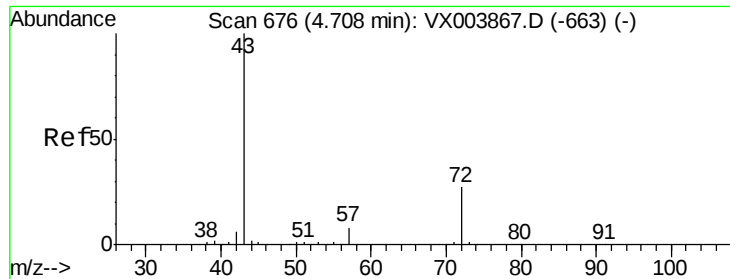
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 102.95 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

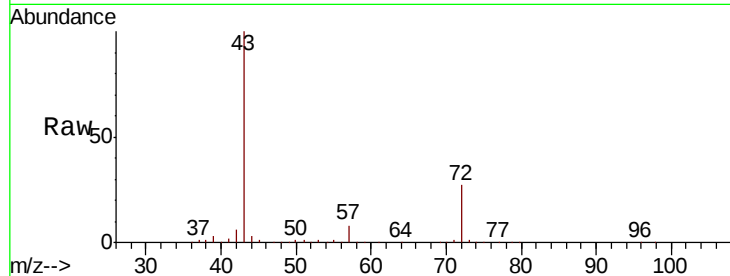
VX0813WBSD01

Tot Ion: 43 Resp: 378960

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

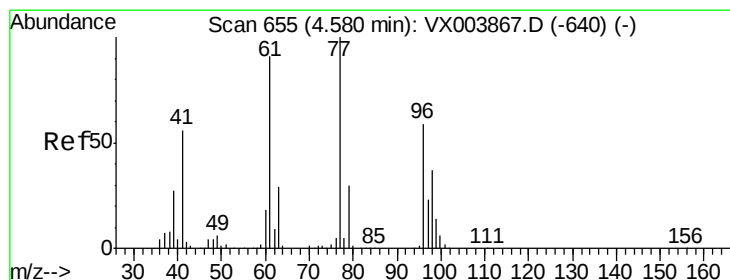
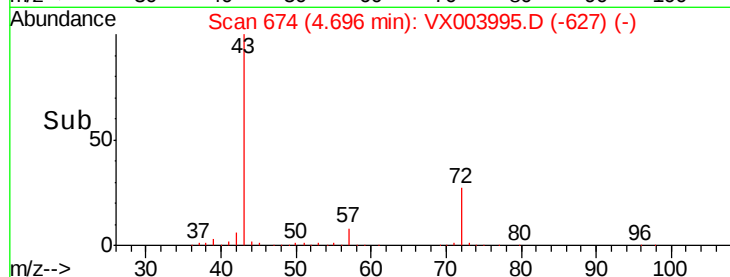
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 21.16 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003995.D

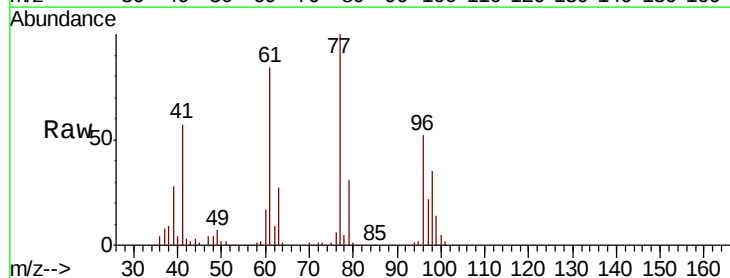
Acq: 13 Aug 2018 13:02

Tgt Ion: 77 Resp: 107042

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

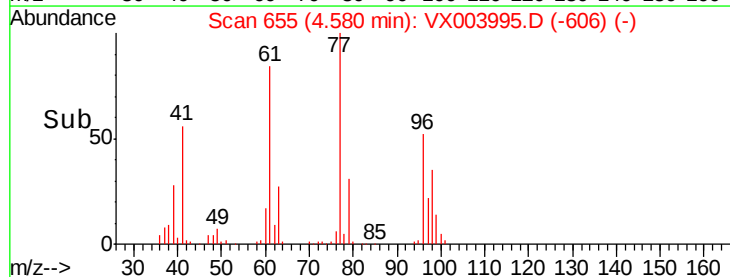
20000

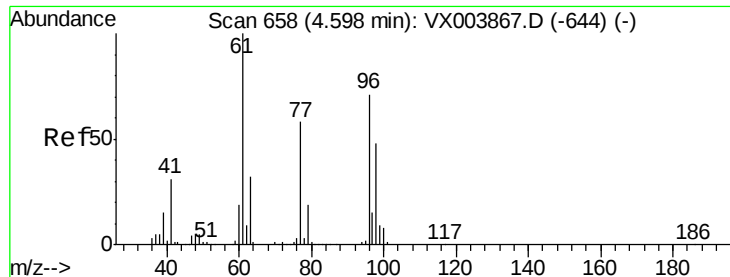
10000

0

4.40 4.50 4.60 4.70

Time-->



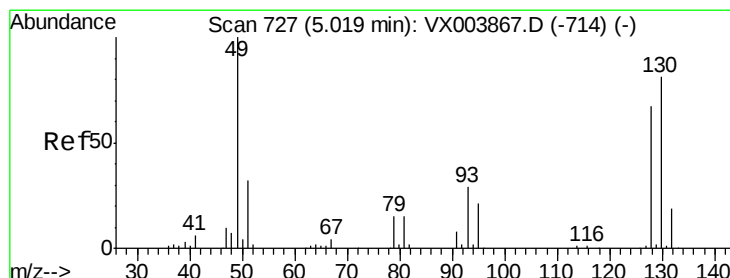
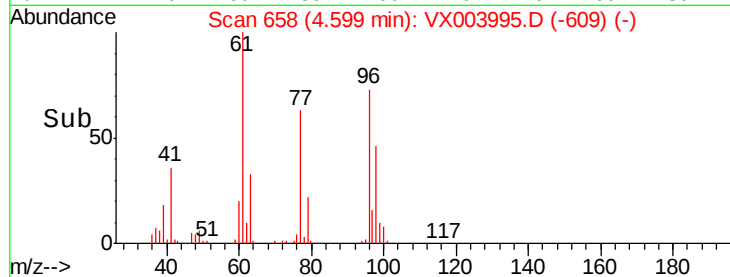
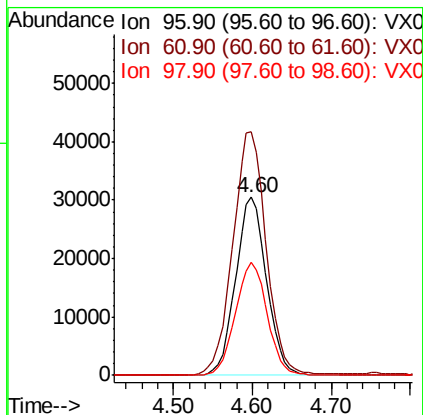
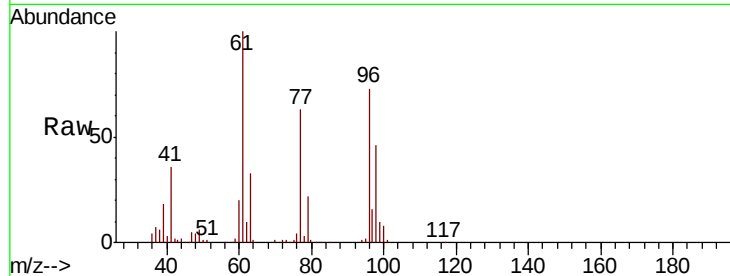


#27

cis-1,2-Dichloroethene
Concen: 20.26 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

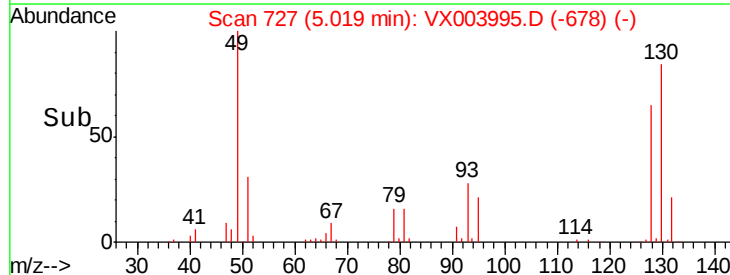
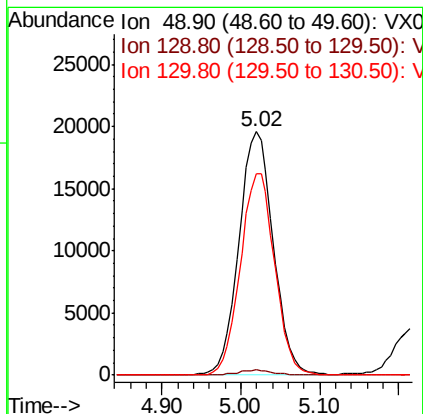
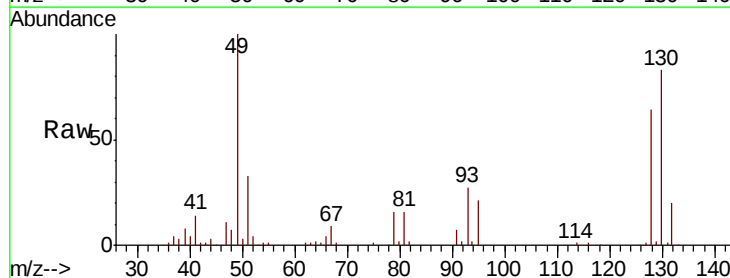
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	293.0
98	65.0	0.0	131.8

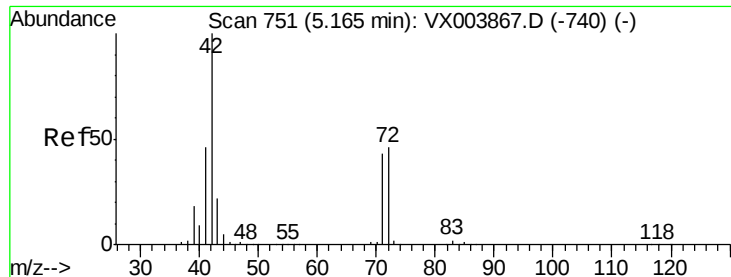


#28

Bromochloromethane
Concen: 19.82 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	82.1	66.5	99.7





#29

Tetrahydrofuran

Concen: 100.18 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

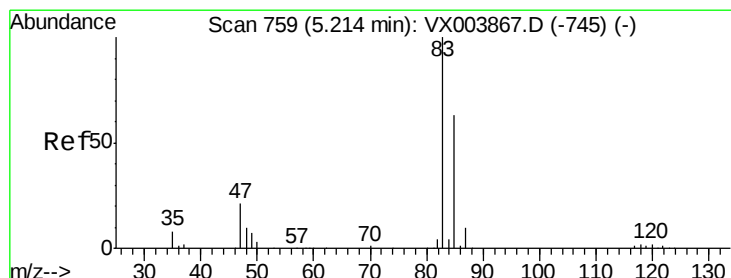
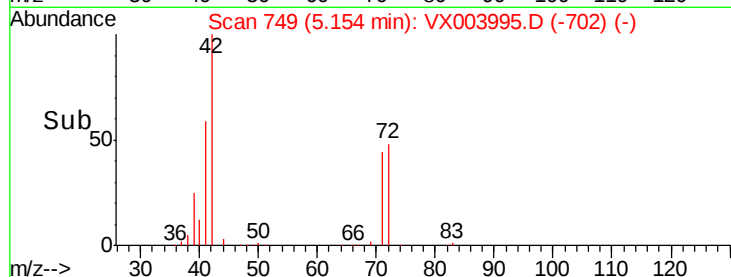
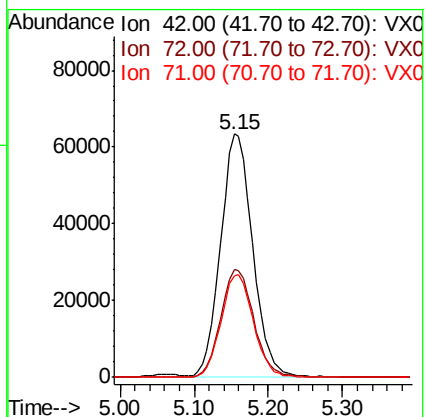
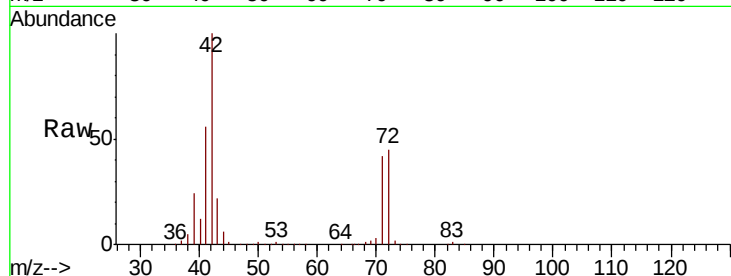
Tot Ion: 42 Resp: 189542

Ion Ratio Lower Upper

42 100

72 46.0 37.7 56.5

71 43.0 35.0 52.6



#30

Chloroform

Concen: 21.32 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003995.D

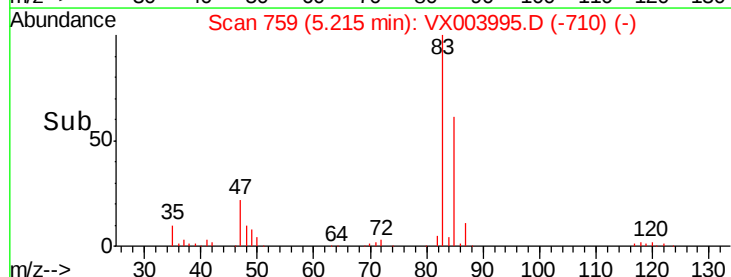
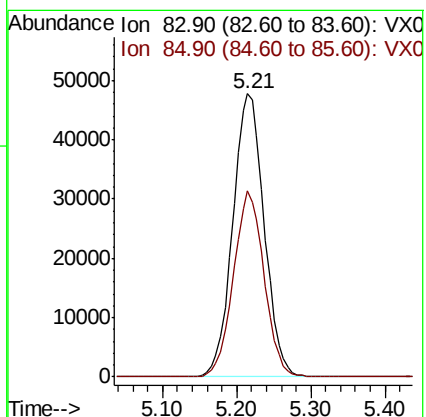
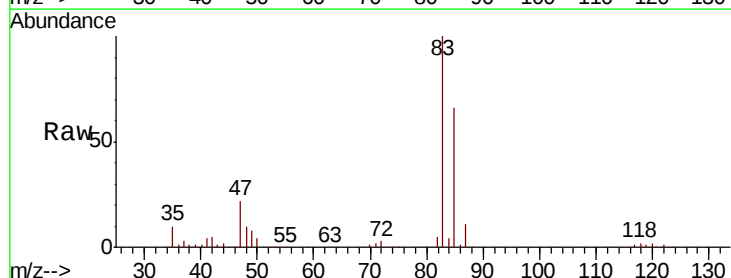
Acq: 13 Aug 2018 13:02

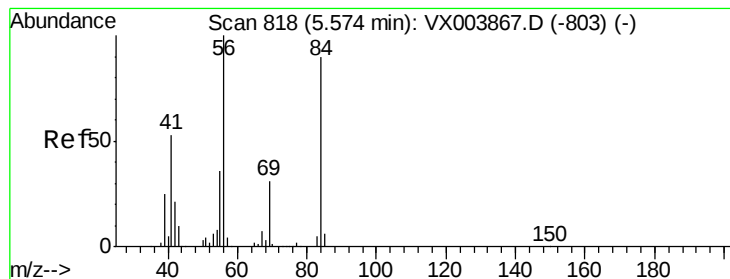
Tgt Ion: 83 Resp: 140756

Ion Ratio Lower Upper

83 100

85 65.8 50.7 76.1





#31

Cyclohexane

Concen: 18.52 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

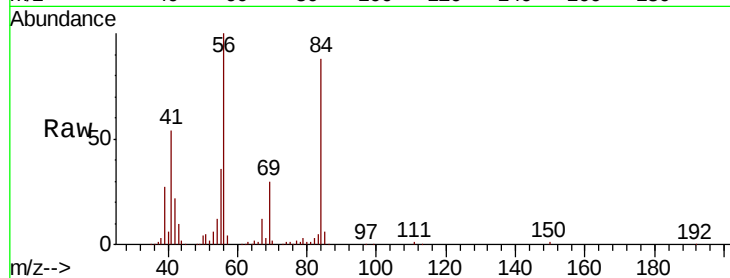
Tot Ion: 56 Resp: 109846

Ion Ratio Lower Upper

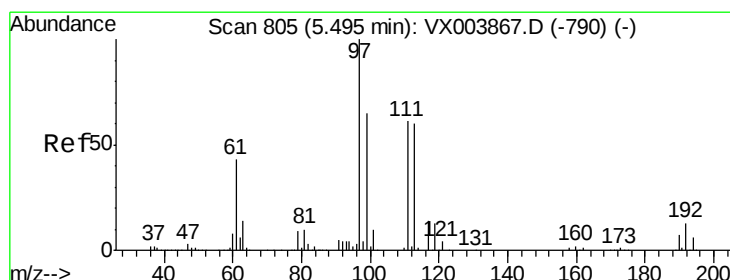
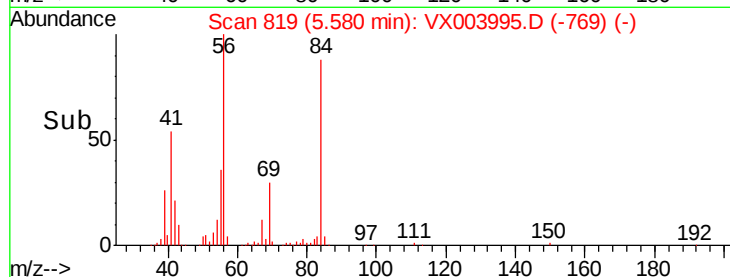
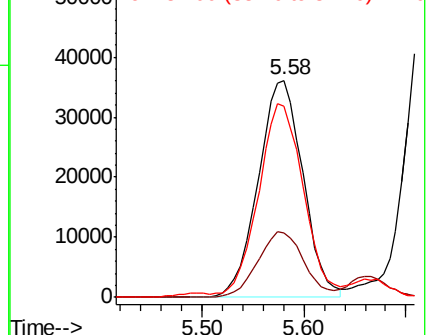
56 100

69 29.9 24.9 37.3

84 86.3 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.05 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

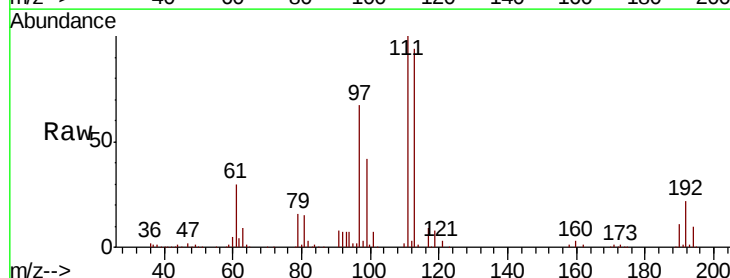
Tgt Ion: 97 Resp: 116545

Ion Ratio Lower Upper

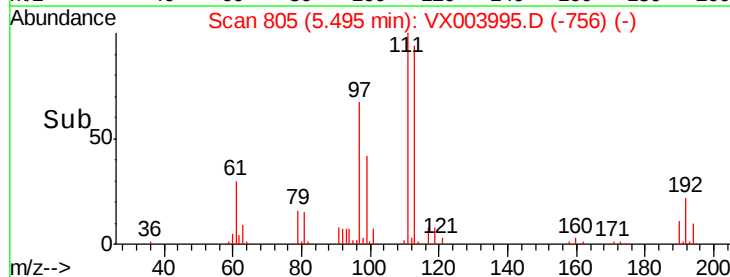
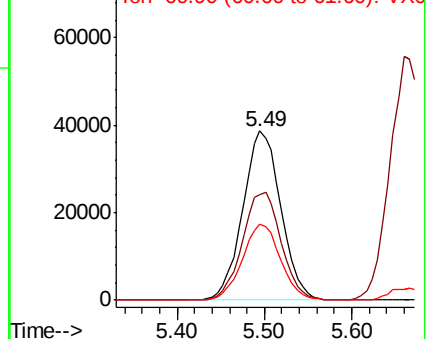
97 100

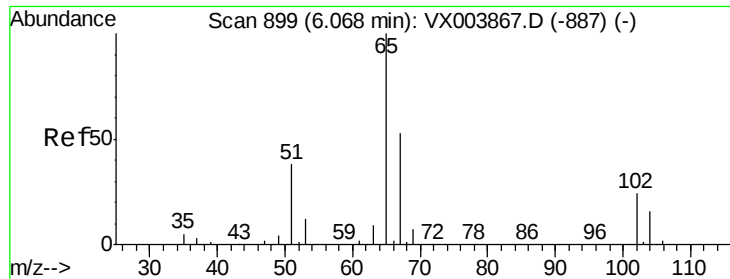
99 65.0 51.8 77.8

61 45.3 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

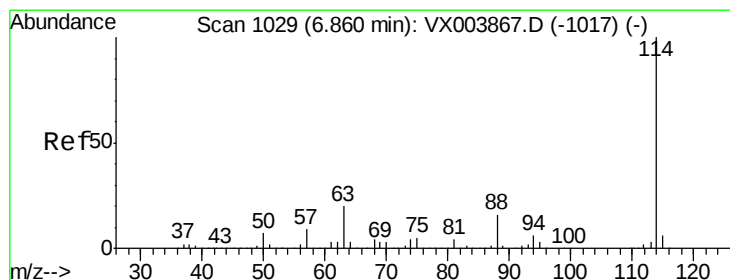
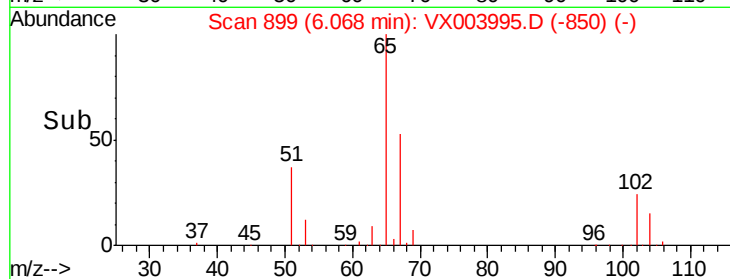
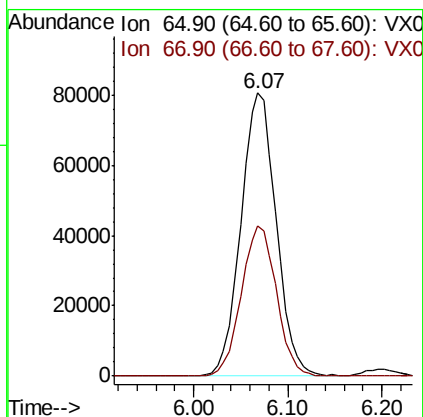
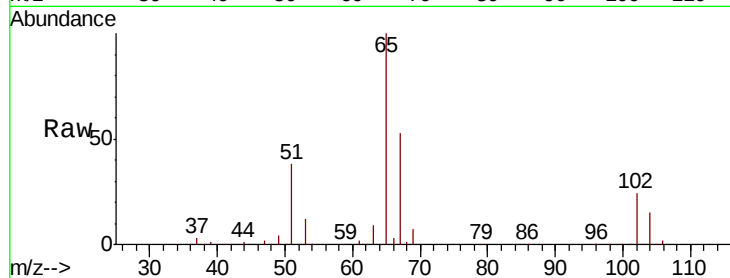




#33
 1,2-Dichloroethane-d4
 Concen: 50.97 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

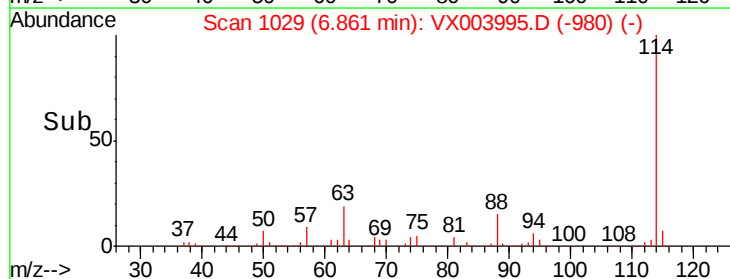
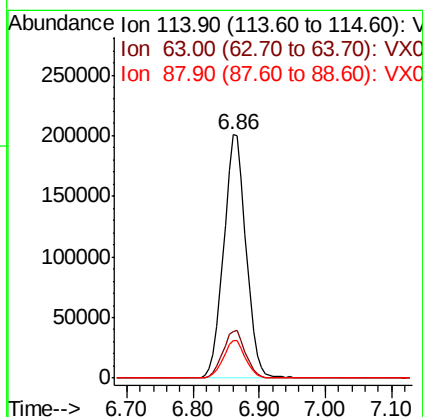
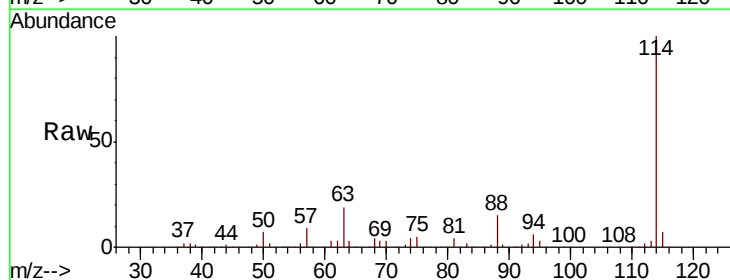
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

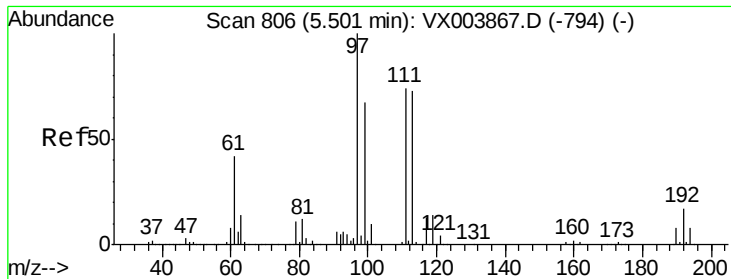
Tot Ion: 65 Resp: 209759
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion: 114 Resp: 470527
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.5 0.0 32.0

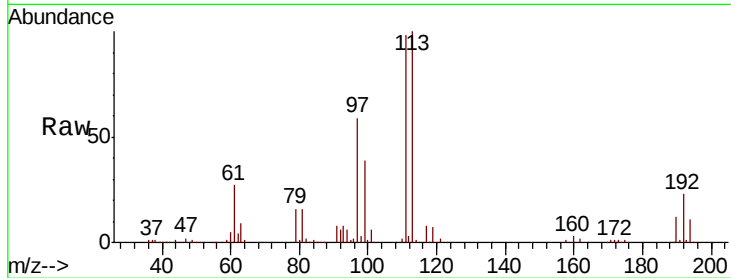




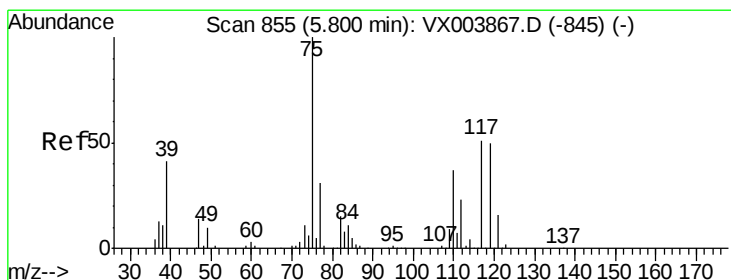
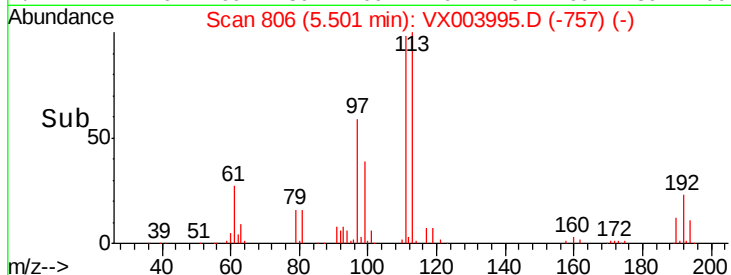
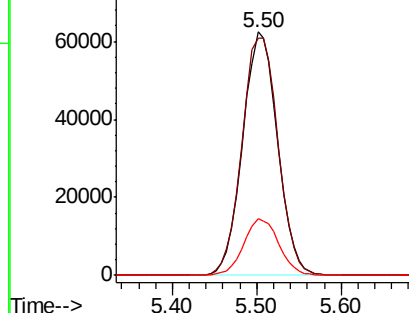
#35
 Dibromofluoromethane
 Concen: 49.04 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Tot Ion:113 Resp: 174812
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.0 123.0
 192 23.4 19.0 28.4

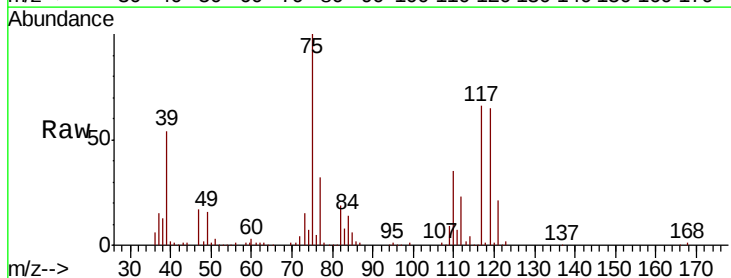


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

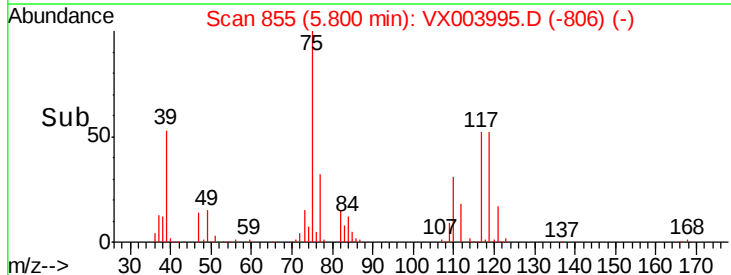
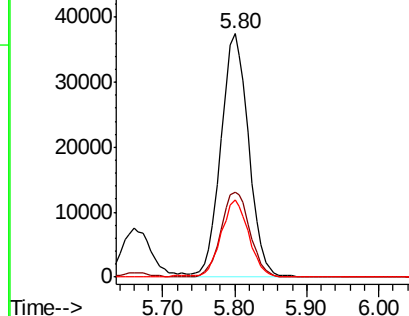


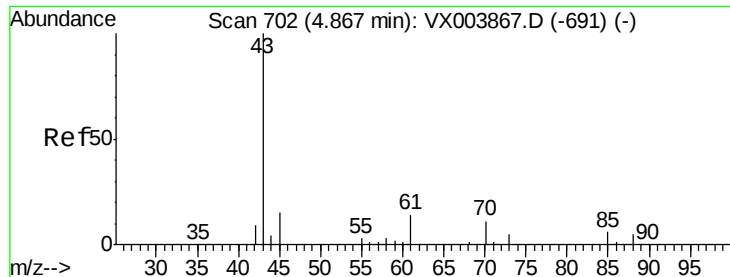
#36
 1,1-Dichloropropene
 Concen: 19.09 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion: 75 Resp: 100595
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.2 54.6
 77 32.3 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

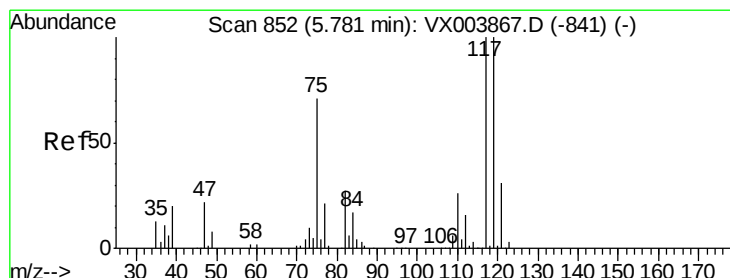
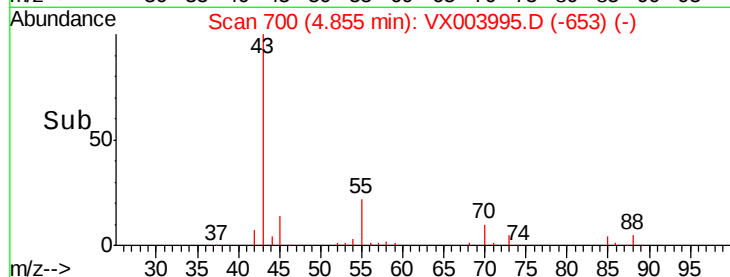
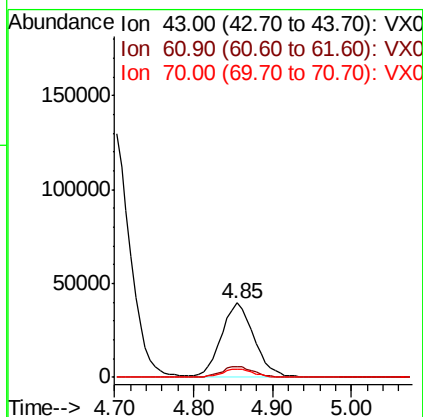
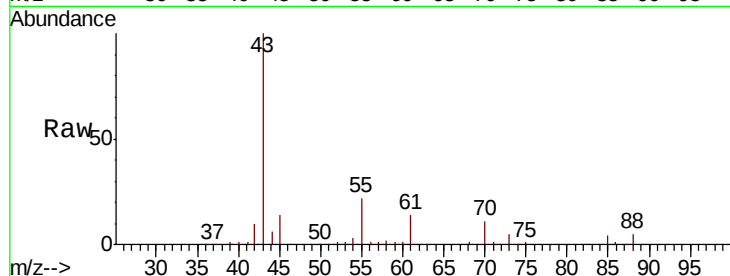




#37
Ethyl Acetate
Concen: 19.60 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

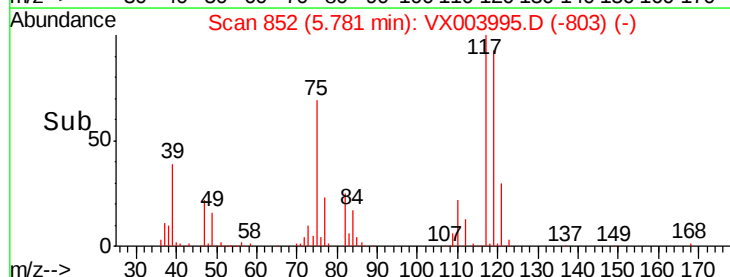
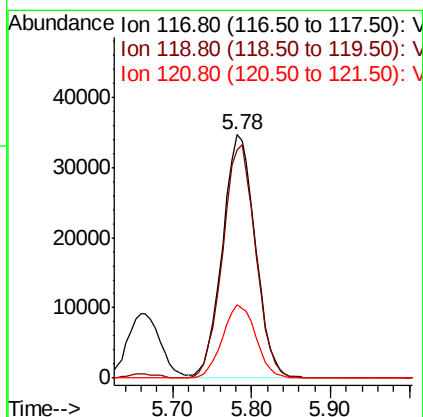
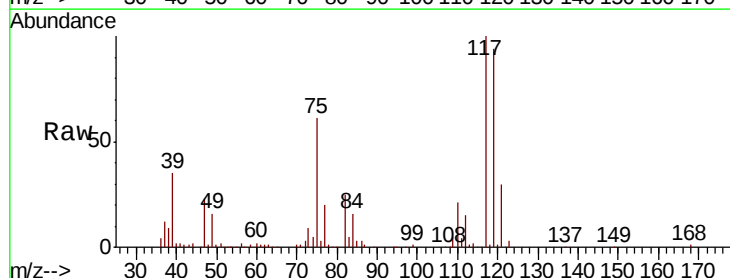
Instrument :
MSVOA_X
ClientSampled :
VX0813WBSD01

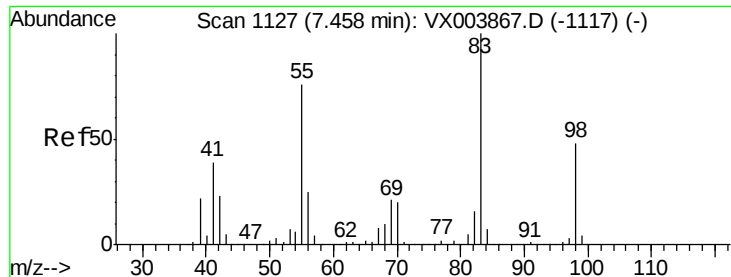
Tot Ion: 43 Resp: 113602
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.1 9.0 13.4



#38
Carbon Tetrachloride
Concen: 20.14 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion: 117 Resp: 100996
Ion Ratio Lower Upper
117 100
119 93.7 79.5 119.3
121 29.9 25.0 37.4

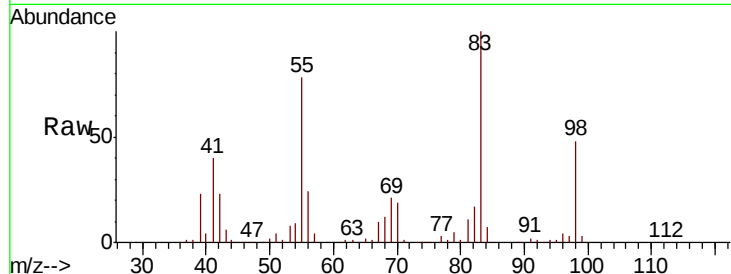




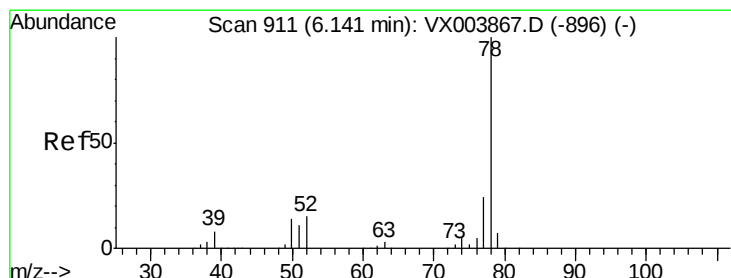
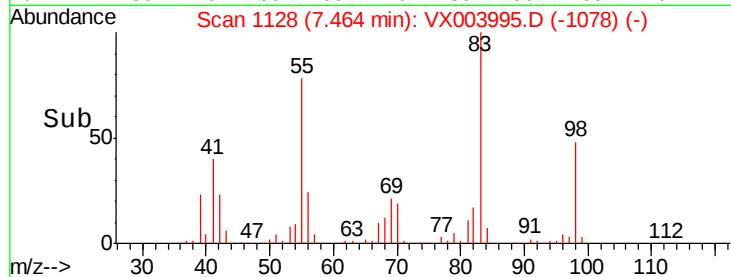
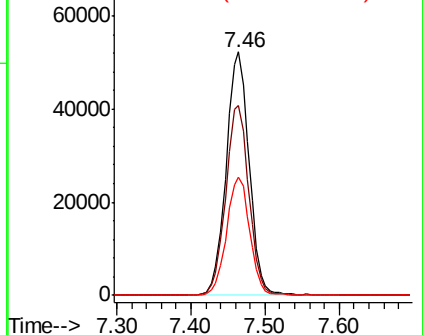
#39
Methvlcvclohexane
Concen: 18.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Instrument :
MSVOA_X
ClientSampled :
VX0813WBSD01

Tot Ion: 83 Resp: 112699
Ion Ratio Lower Upper
83 100
55 77.9 61.0 91.6
98 48.4 38.6 57.8

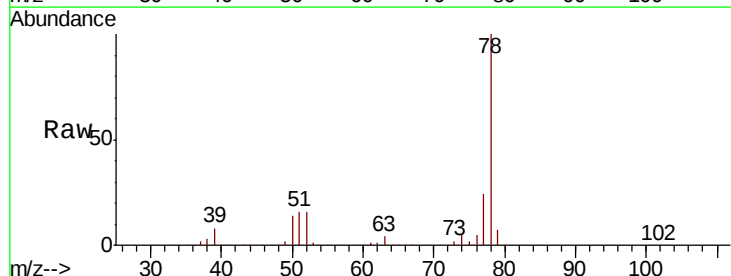


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

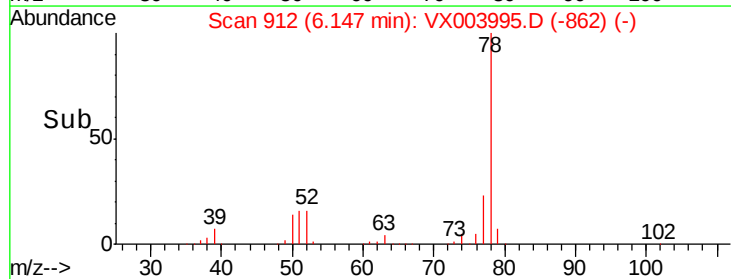
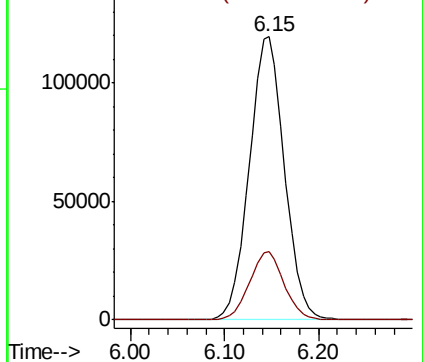


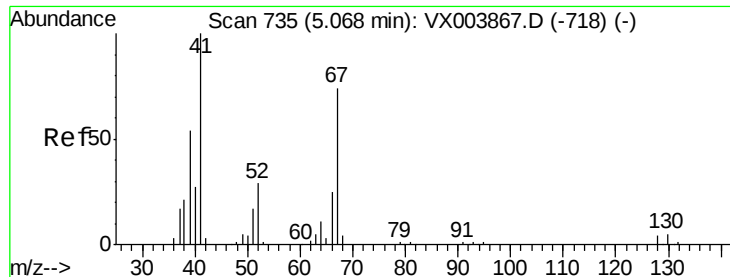
#40
Benzene
Concen: 19.75 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion: 78 Resp: 312574
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

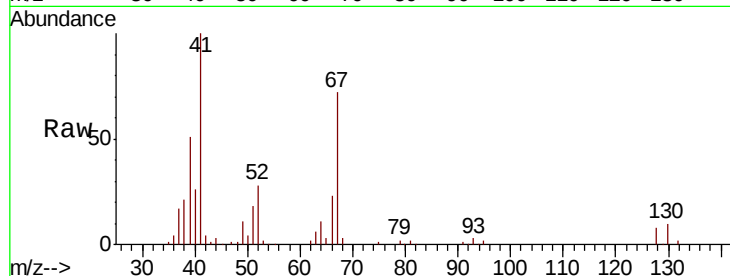




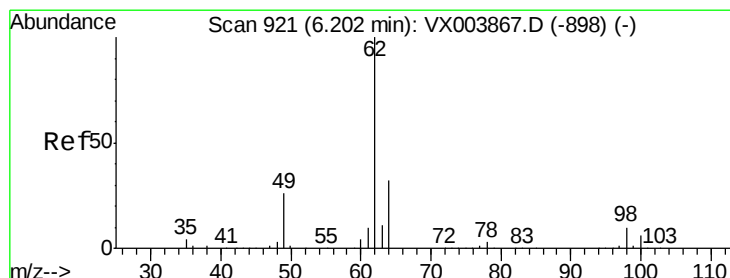
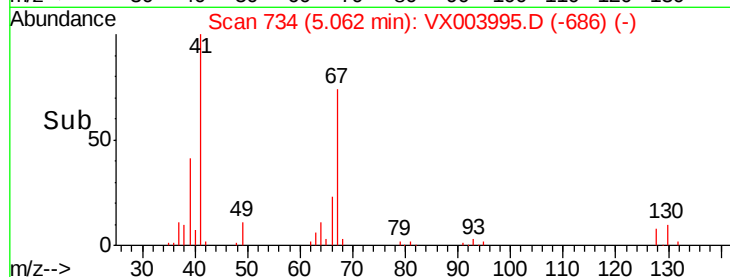
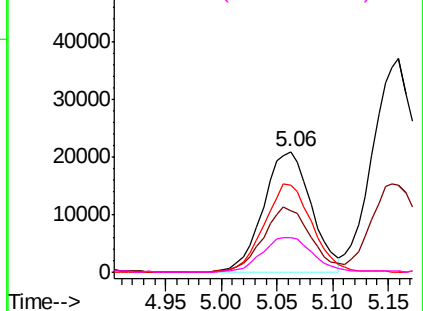
#41
Methacrylonitrile
Concen: 19.65 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Instrument :
MSVOA_X
ClientSampleID :
VX0813WBSD01

Tot Ion:	41	Resp:	62749
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.7	64.1
67	73.3	58.9	88.3
52	29.8	22.6	33.8

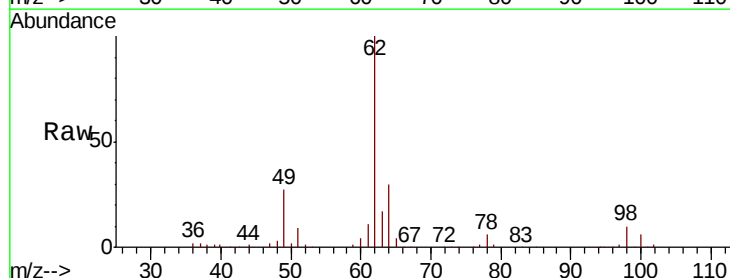


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

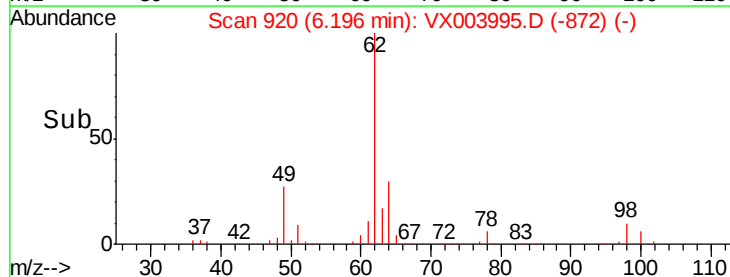
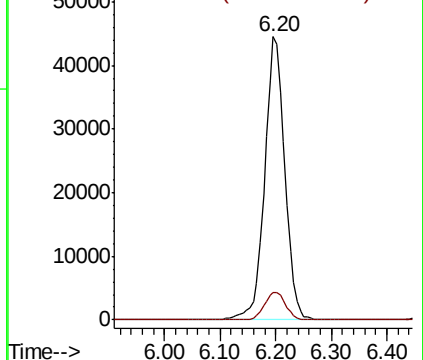


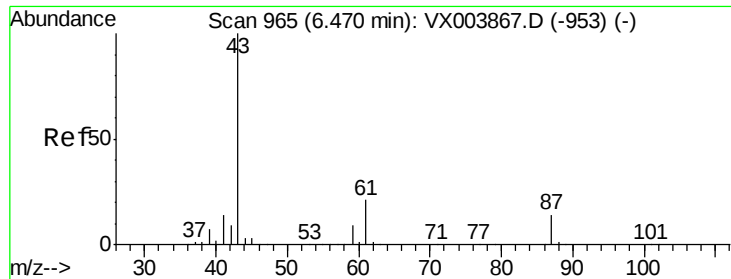
#42
1,2-Dichloroethane
Concen: 21.01 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion:	62	Resp:	112443
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



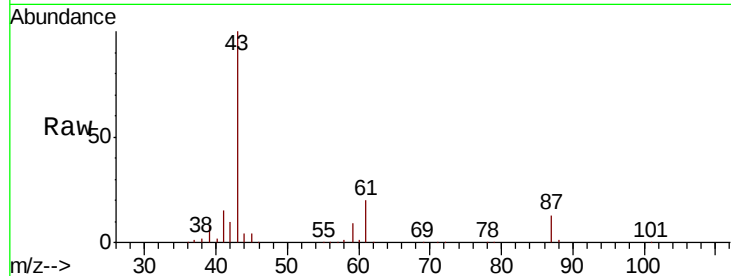


#43

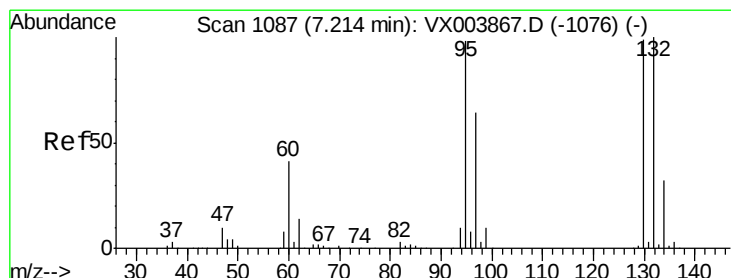
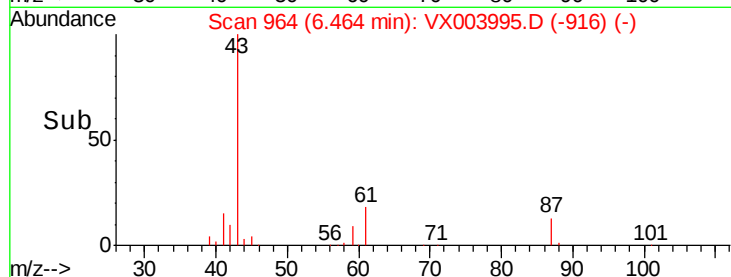
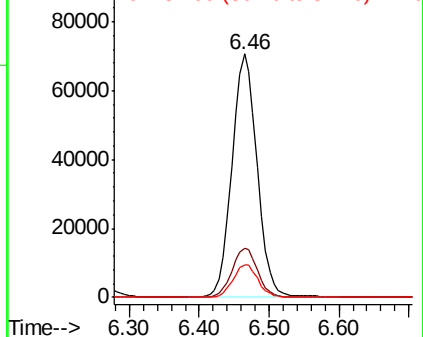
Isopropyl Acetate
 Concen: 20.15 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0813WBSD01

Tot Ion	43	Resp	175787
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.9	25.3
87	13.5	11.3	16.9



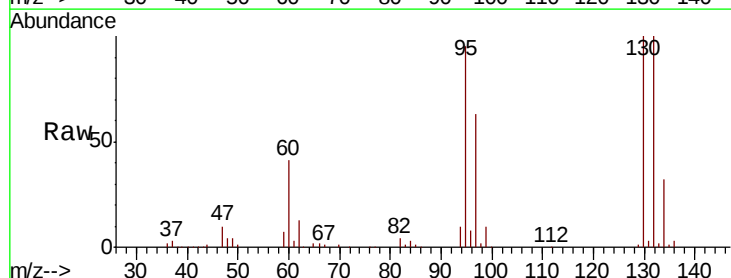
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



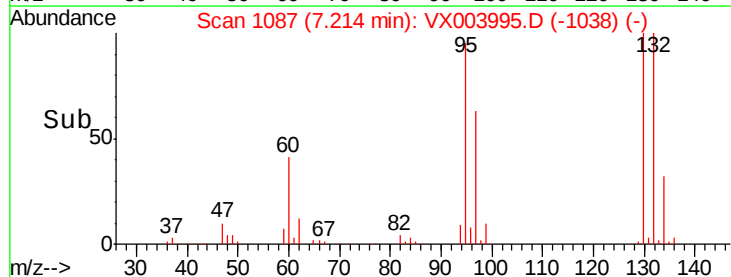
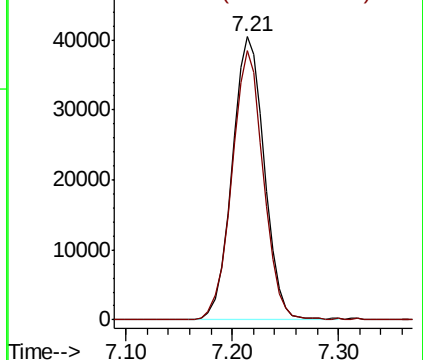
#44

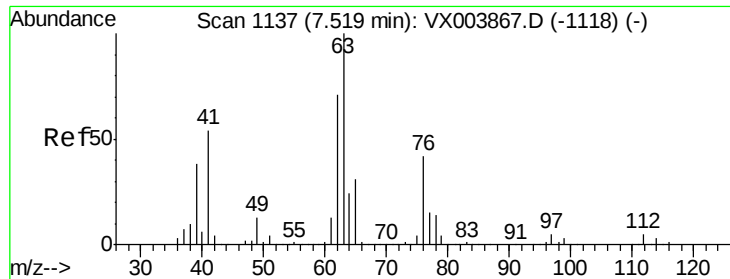
Trichloroethene
 Concen: 19.83 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion	130	Resp	85807
Ion Ratio	Lower	Upper	
130	100		
95	95.2	0.0	199.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

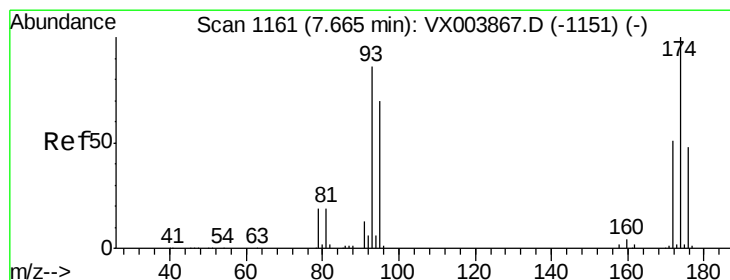
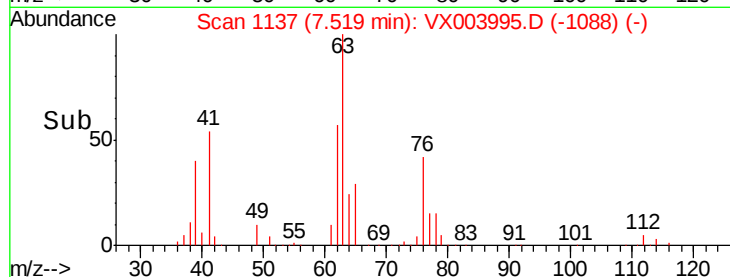
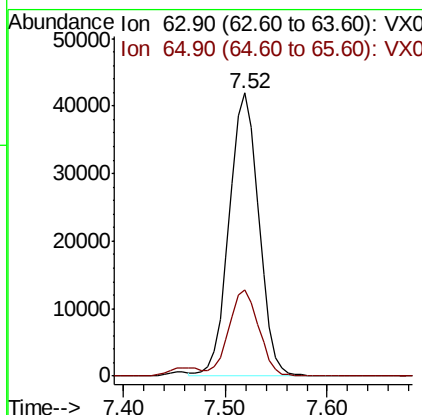
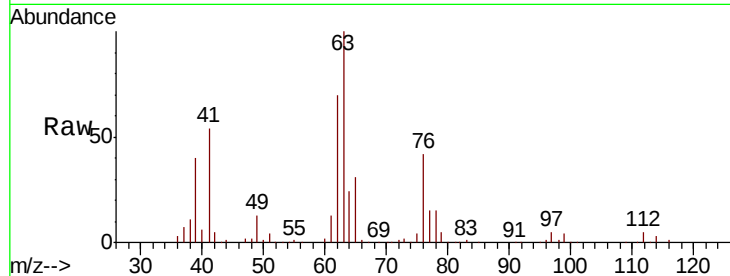




#45
 1,2-Dichloropropane
 Concen: 20.56 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

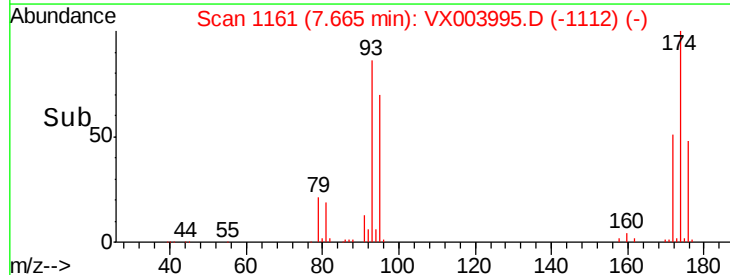
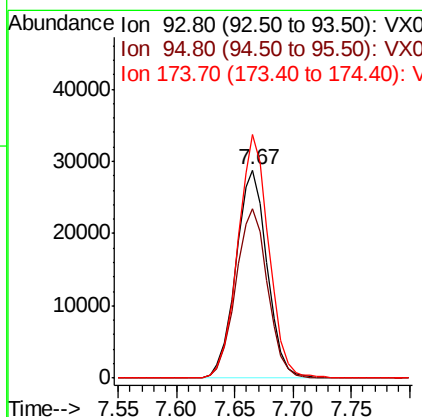
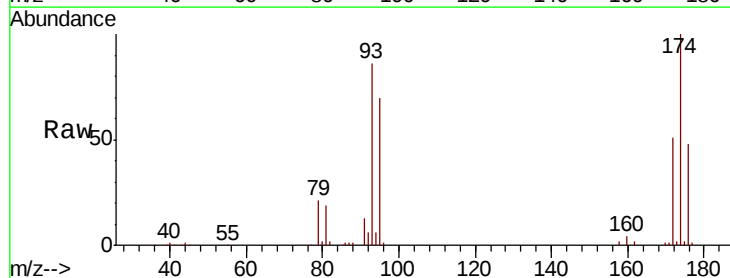
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

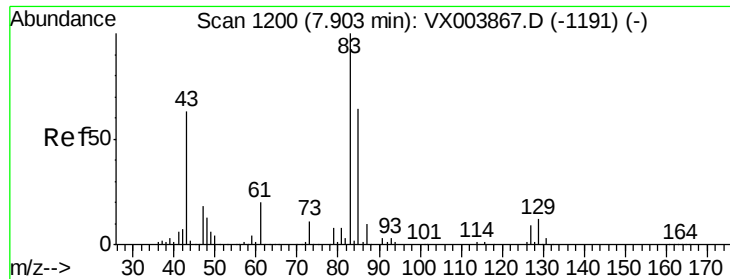
Tot Ion: 63 Resp: 84035
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#46
 Dibromomethane
 Concen: 20.26 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion: 93 Resp: 53760
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 115.9 94.3 141.5





#47

Bromodichloromethane

Concen: 20.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

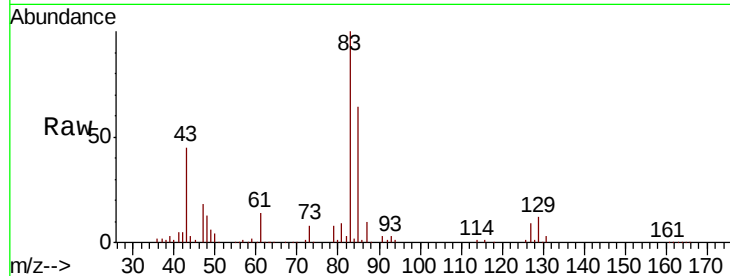
Tot Ion: 83 Resp: 100822

Ion Ratio Lower Upper

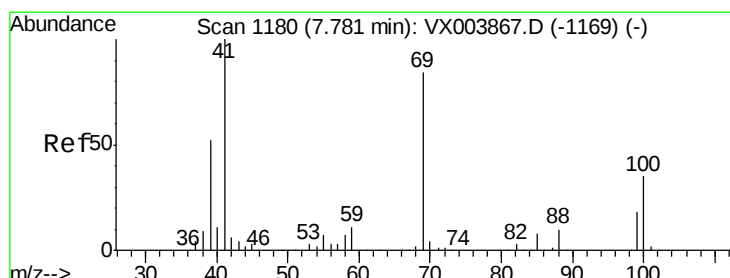
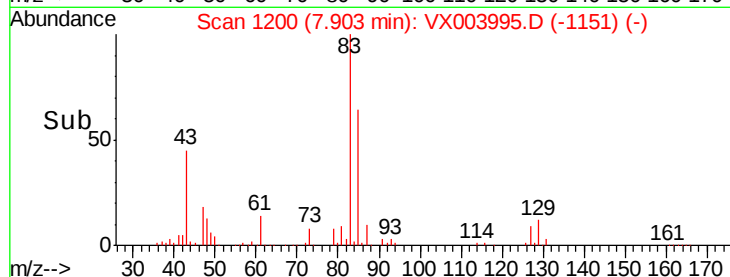
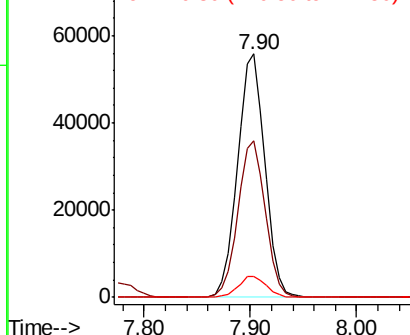
83 100

85 64.1 51.2 76.8

127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.69 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

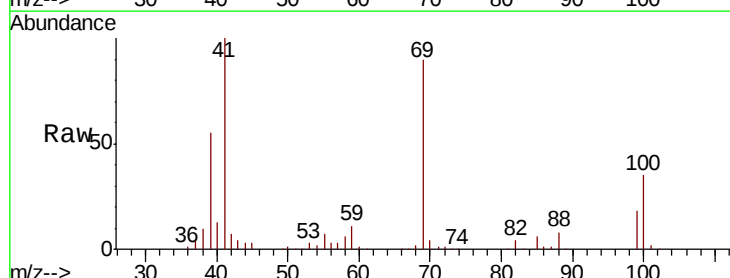
Tgt Ion: 41 Resp: 87295

Ion Ratio Lower Upper

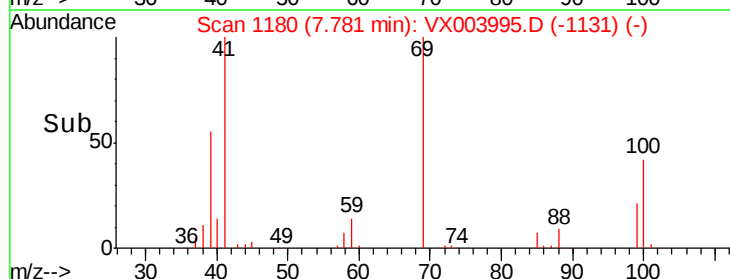
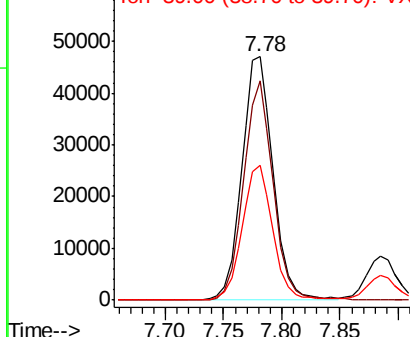
41 100

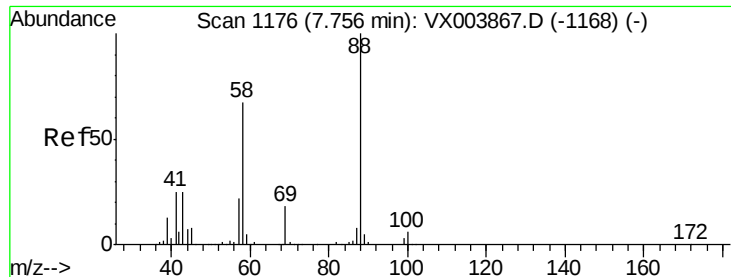
69 85.8 68.8 103.2

39 54.1 42.3 63.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

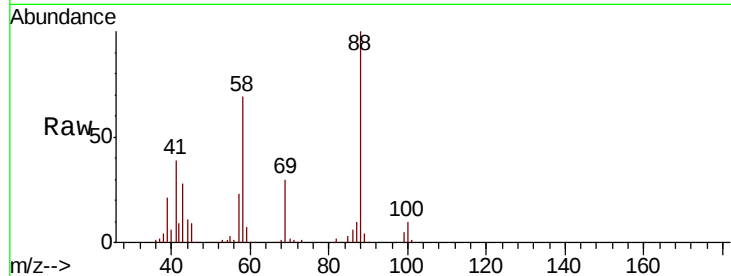




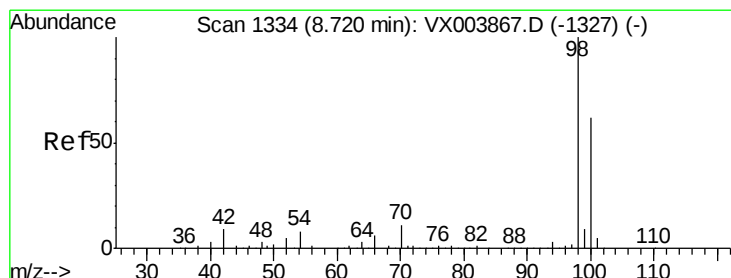
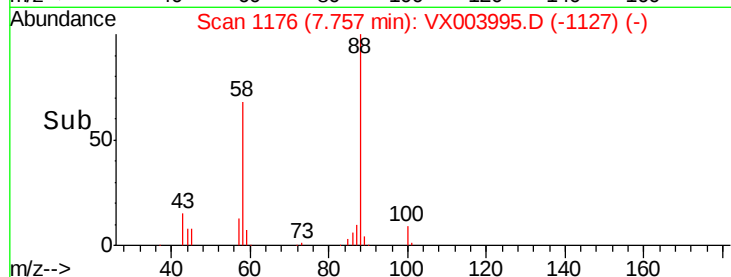
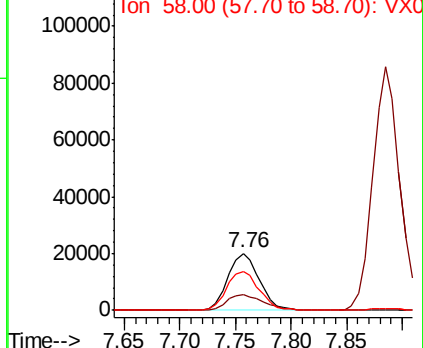
#49
1,4-Dioxane
Concen: 376.53 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

Tot Ion: 88 Resp: 39334
Ion Ratio Lower Upper
88 100
43 32.6 23.8 35.8
58 71.2 55.4 83.0

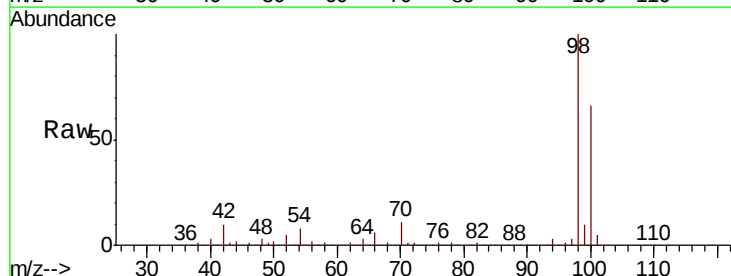


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

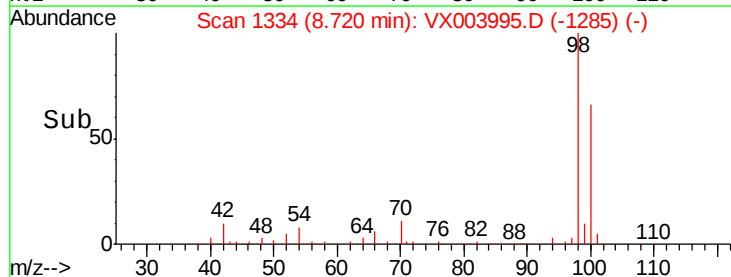
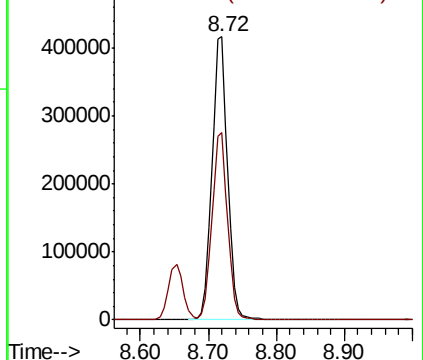


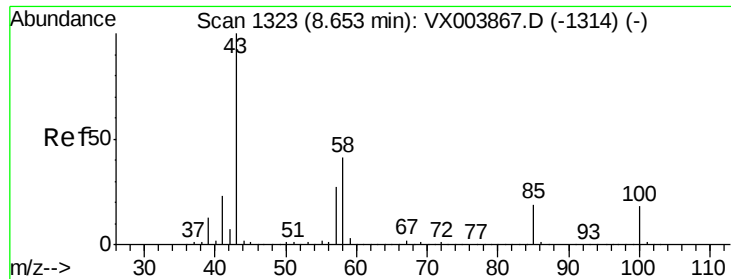
#50
Toluene-d8
Concen: 47.76 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion: 98 Resp: 662041
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

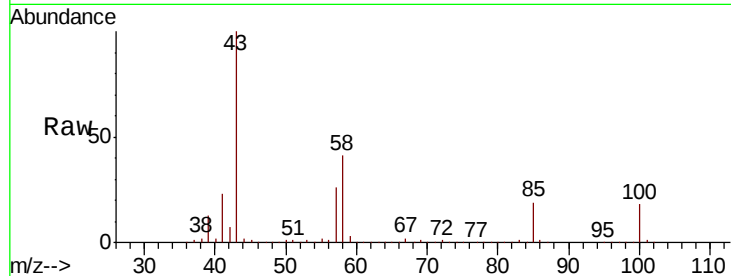




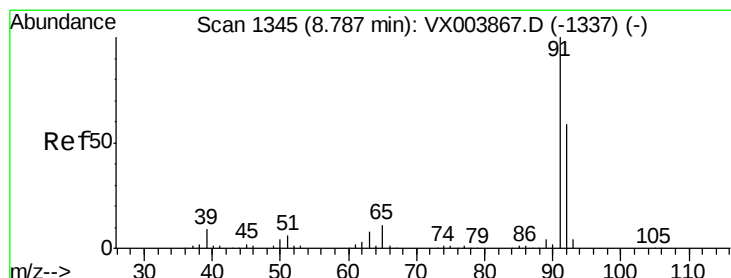
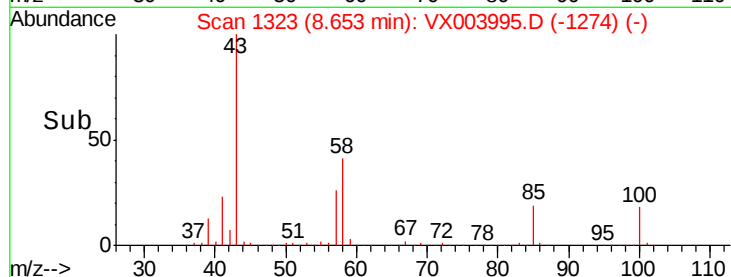
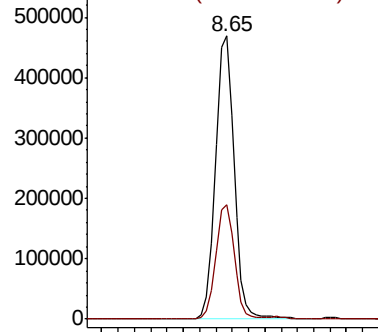
#51
4-Methyl-2-Pentanone
Concen: 102.27 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Instrument :
MSVOA_X
ClientSampleID :
VX0813WBSD01

Tot Ion: 43 Resp: 739501
Ion Ratio Lower Upper
43 100
58 40.3 33.0 49.6

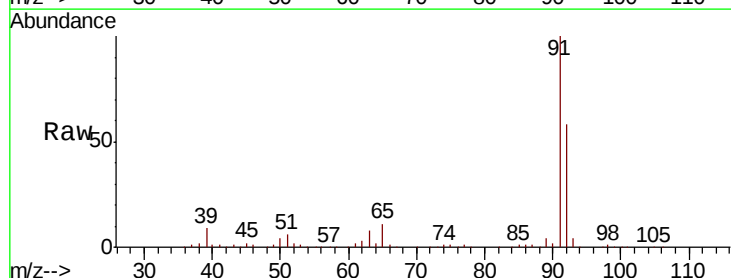


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

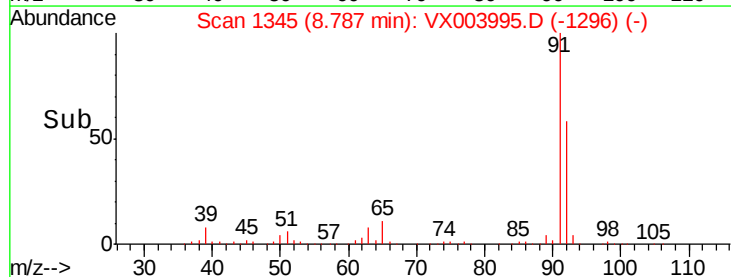
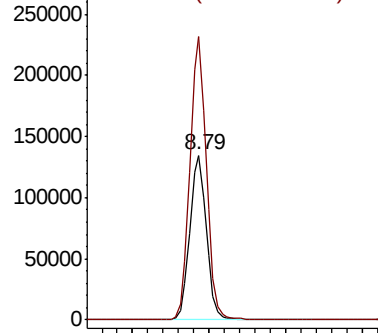


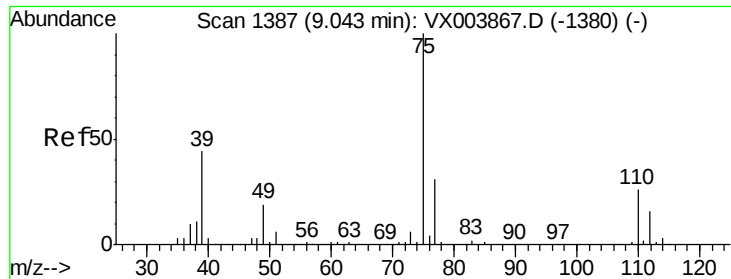
#52
Toluene
Concen: 20.24 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion: 92 Resp: 202383
Ion Ratio Lower Upper
92 100
91 170.3 136.1 204.1



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





#53

t-1,3-Dichloropropene

Concen: 19.27 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

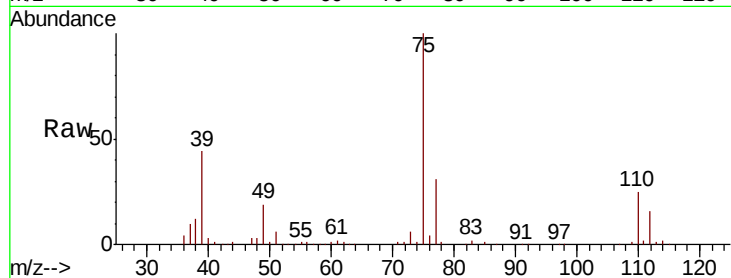
VX0813WBSD01

Tot Ion: 75 Resp: 108831

Ion Ratio Lower Upper

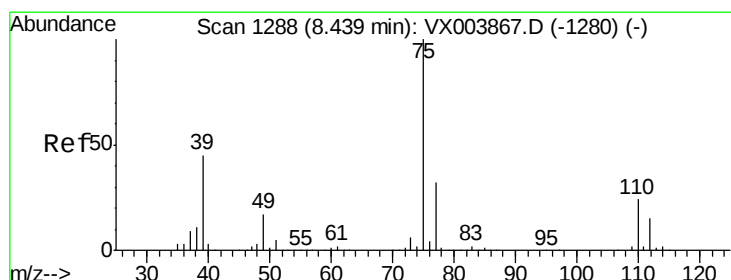
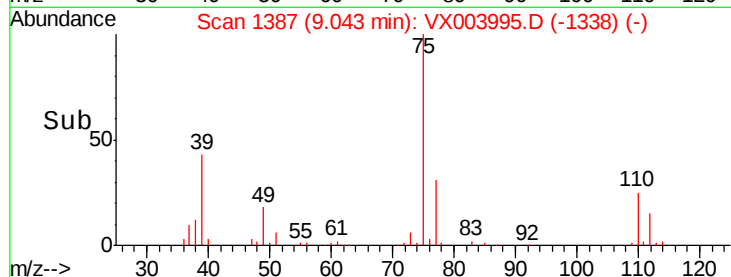
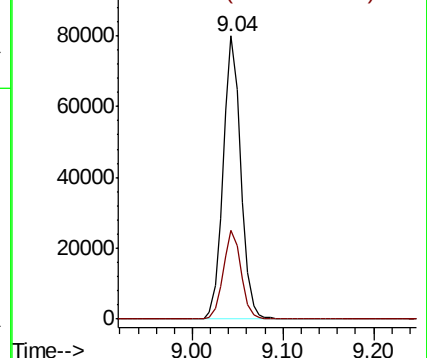
75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.89 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

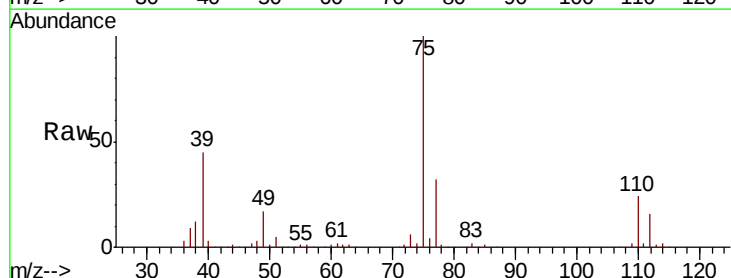
Tgt Ion: 75 Resp: 121141

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

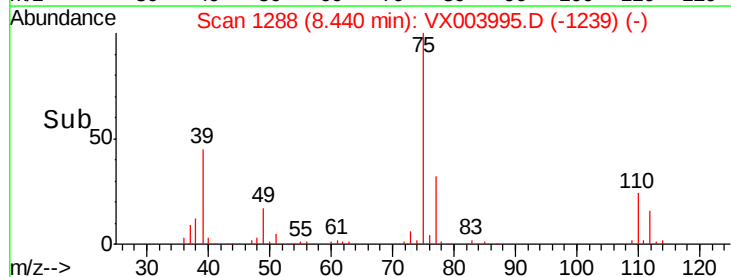
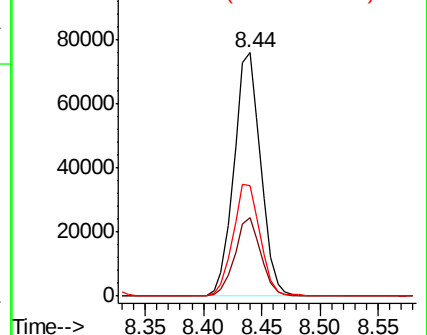
39 45.2 36.2 54.2

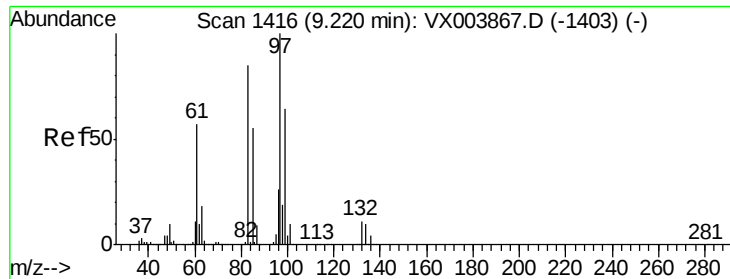


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.66 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

Tot Ion: 97 Resp: 84402

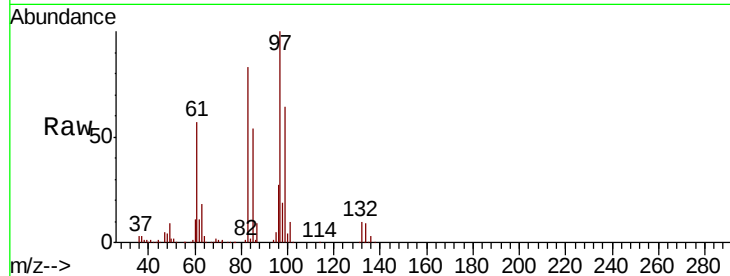
Ion Ratio Lower Upper

97 100

83 83.0 67.8 101.6

85 54.4 44.2 66.2

99 63.9 50.8 76.2



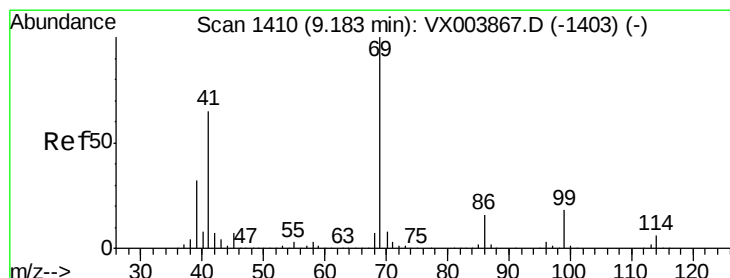
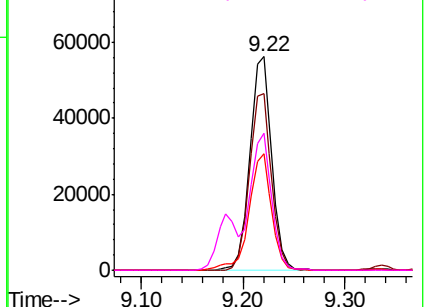
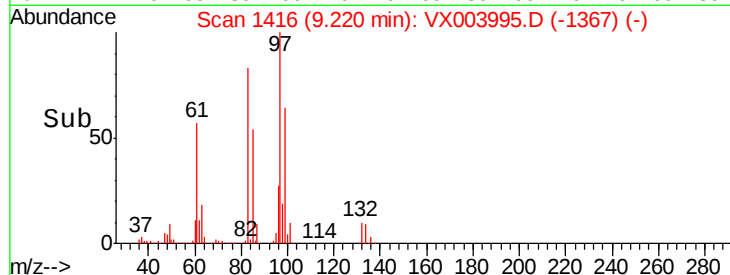
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.16 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

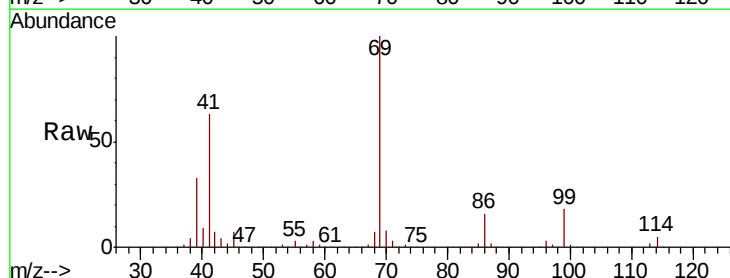
Tgt Ion: 69 Resp: 113579

Ion Ratio Lower Upper

69 100

41 63.7 50.6 76.0

39 32.8 25.8 38.6

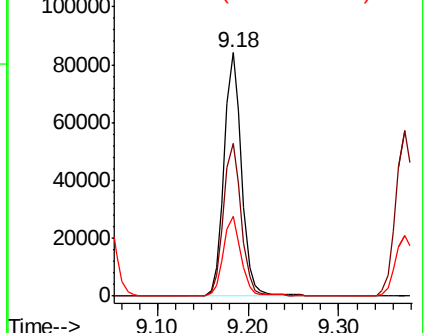
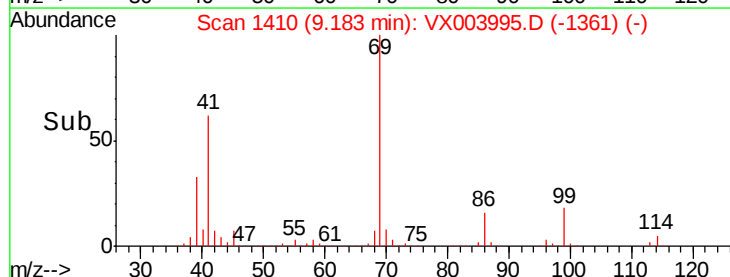


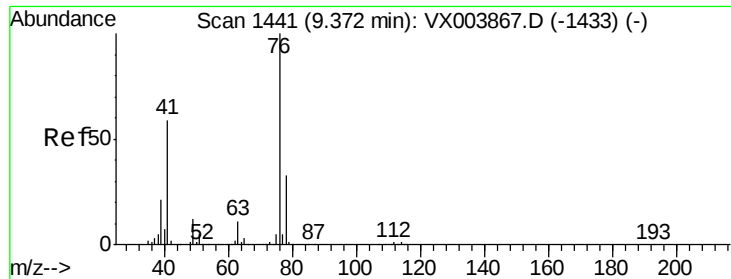
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.43 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

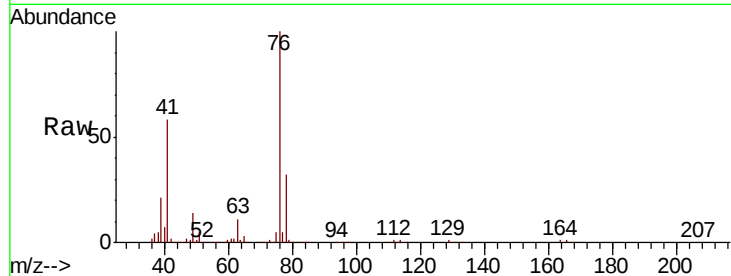
VX0813WBSD01

Tot Ion: 76 Resp: 139683

Ion Ratio Lower Upper

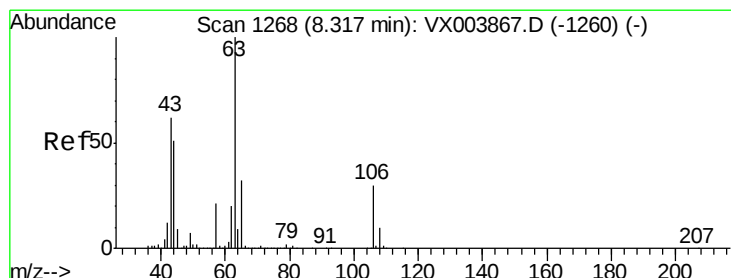
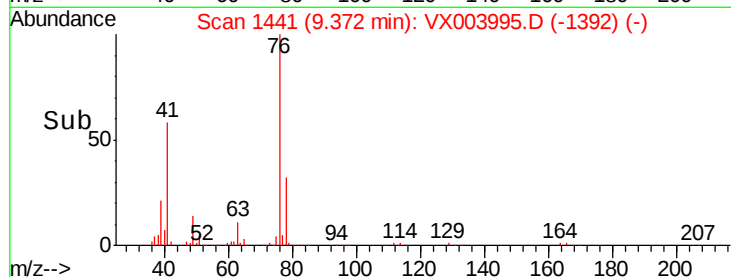
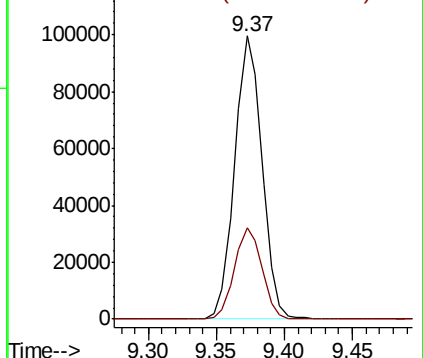
76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.98 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003995.D

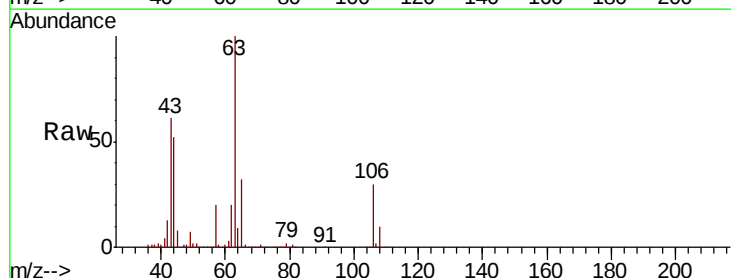
Acq: 13 Aug 2018 13:02

Tgt Ion: 63 Resp: 282704

Ion Ratio Lower Upper

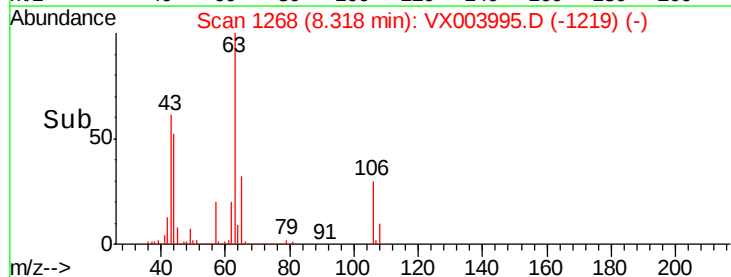
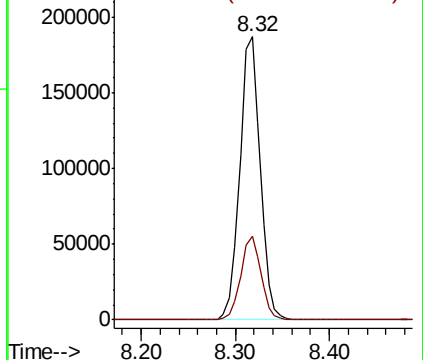
63 100

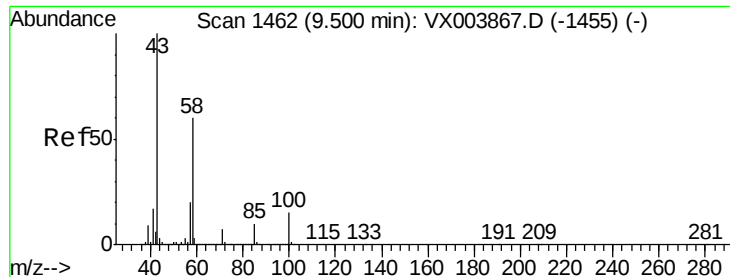
106 29.5 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

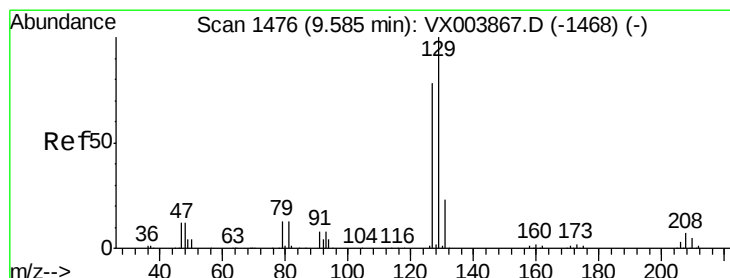
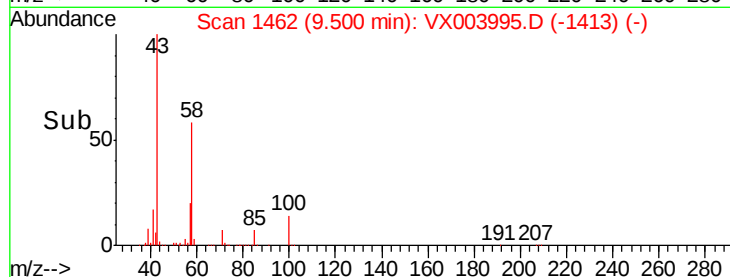
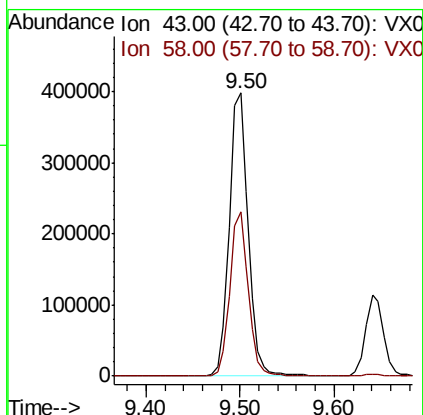
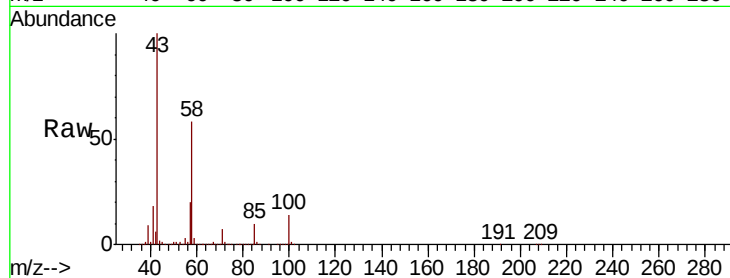




#59
2-Hexanone
Concen: 102.76 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

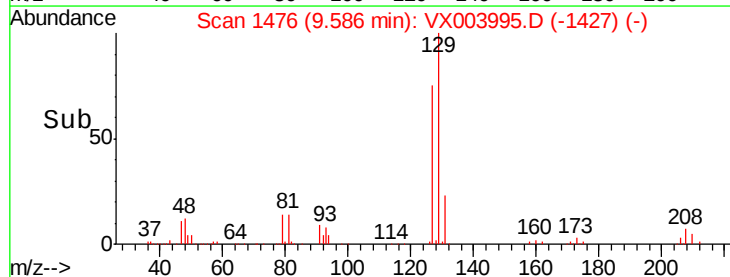
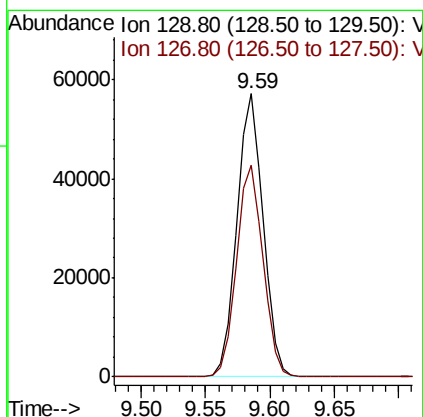
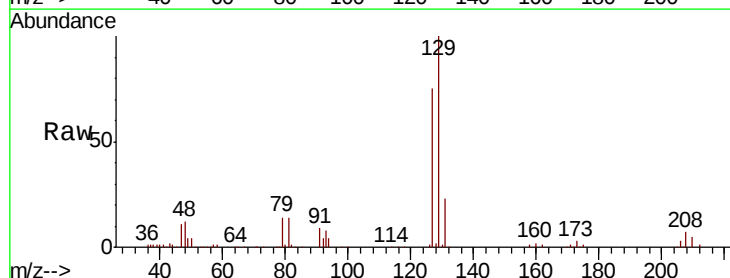
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

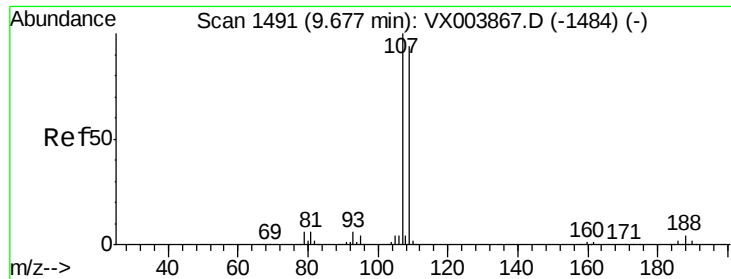
Tot Ion: 43 Resp: 555451
Ion Ratio Lower Upper
43 100
58 56.7 29.0 87.0



#60
Dibromochloromethane
Concen: 21.17 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion: 129 Resp: 80645
Ion Ratio Lower Upper
129 100
127 75.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.66 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

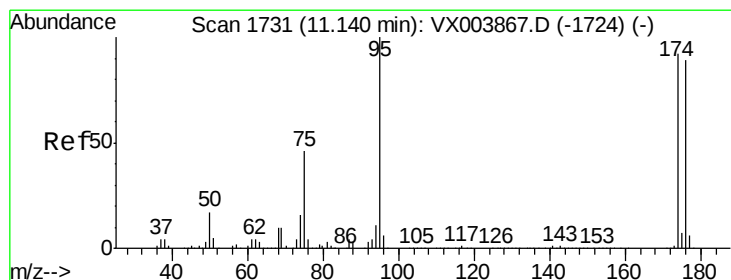
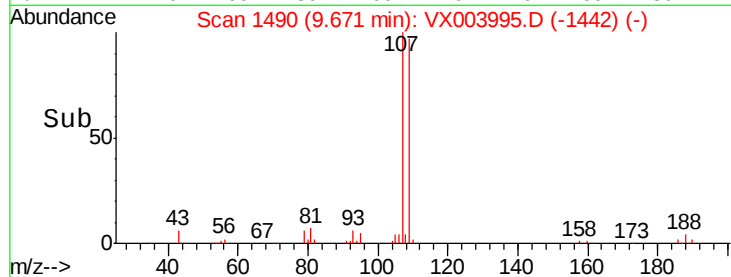
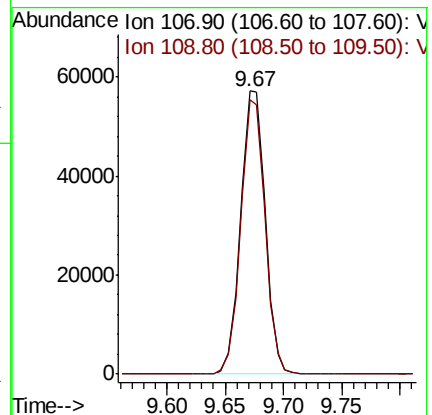
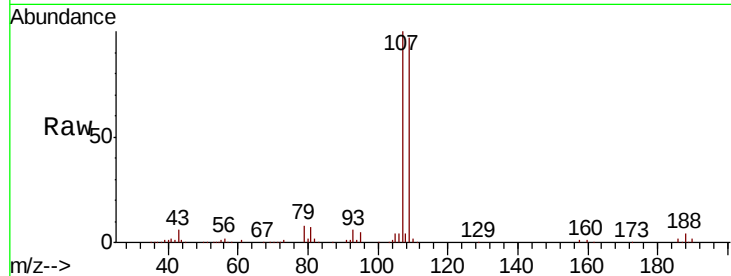
VX0813WBSD01

Tot Ion:107 Resp: 84510

Ion Ratio Lower Upper

107 100

109 95.7 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 51.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

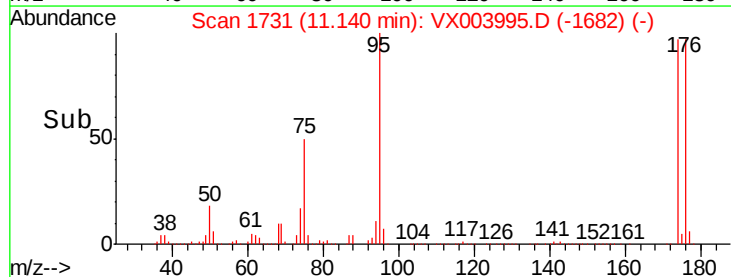
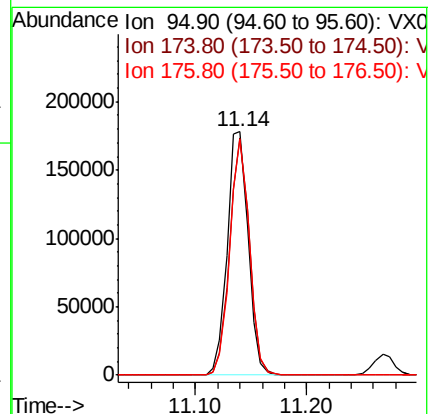
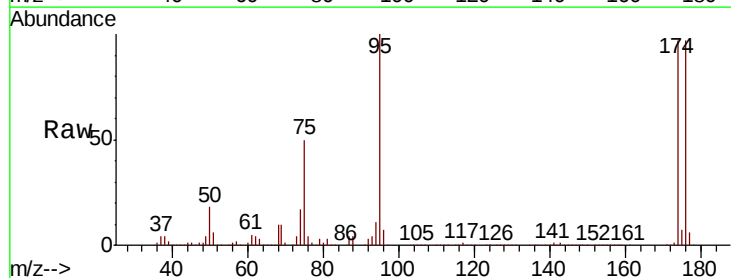
Tgt Ion: 95 Resp: 231944

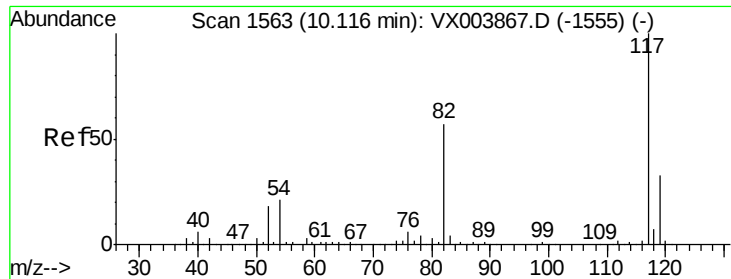
Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

176 90.5 0.0 179.0

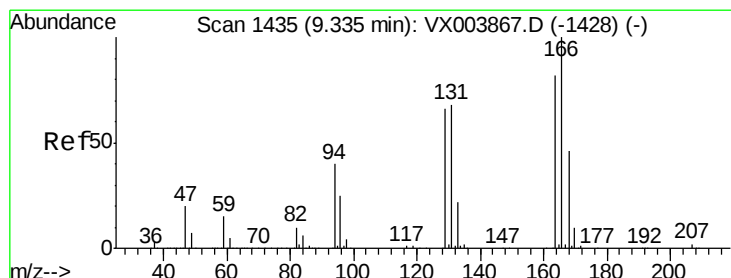
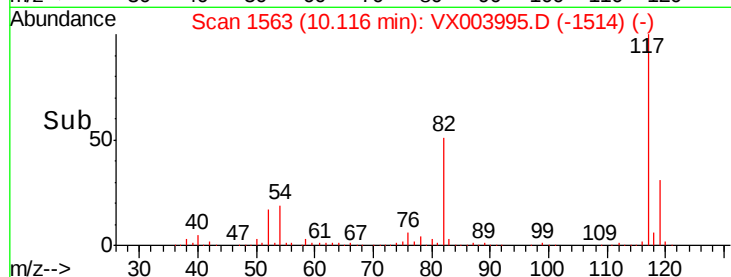
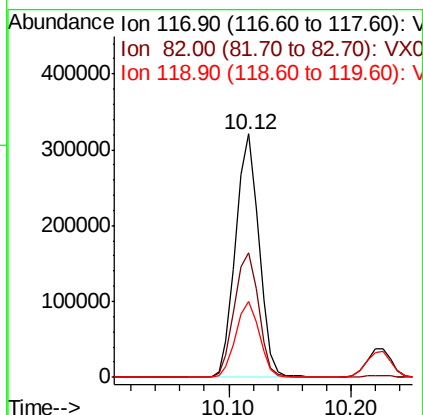
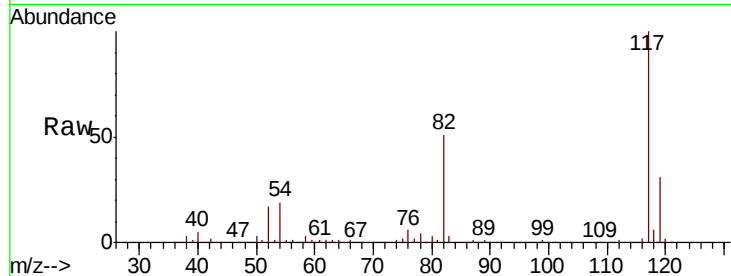




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

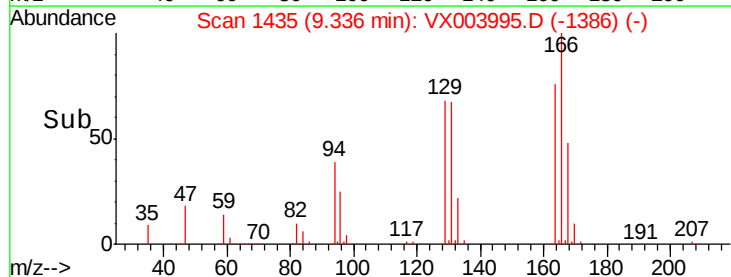
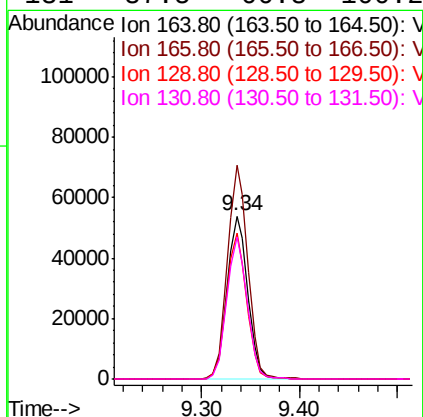
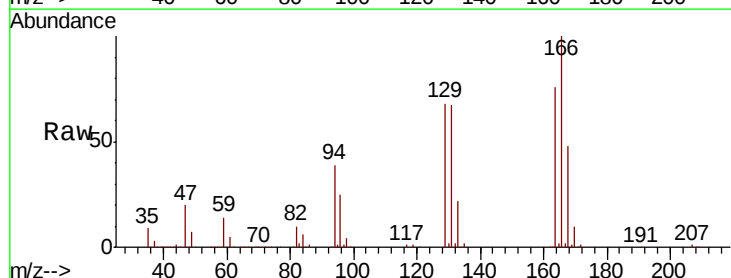
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

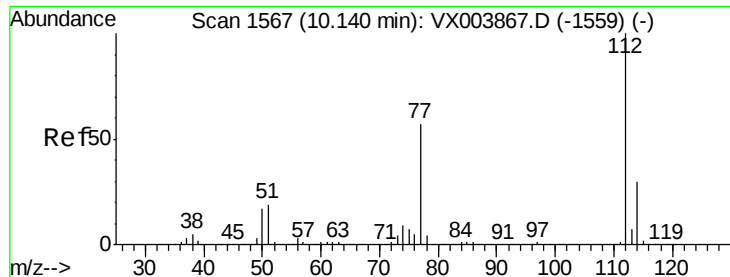
Tot Ion:117 Resp: 424169
Ion Ratio Lower Upper
117 100
82 51.0 45.4 68.0
119 31.4 26.6 40.0



#64
Tetrachloroethene
Concen: 18.94 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion:164 Resp: 79041
Ion Ratio Lower Upper
164 100
166 131.4 98.0 147.0
129 89.8 64.3 96.5
131 87.5 66.8 100.2





#65

Chlorobenzene

Concen: 20.27 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

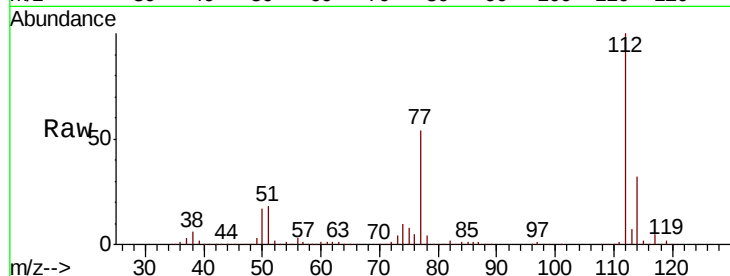
VX0813WBSD01

Tot Ion:112 Resp: 223697

Ion Ratio Lower Upper

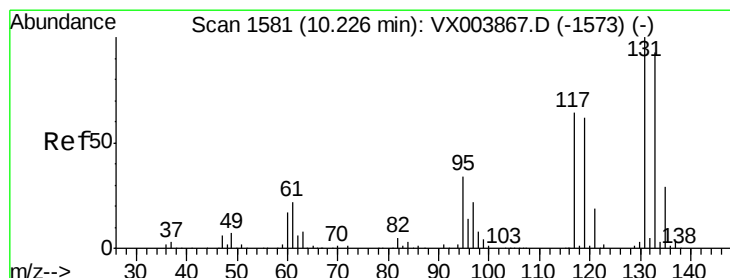
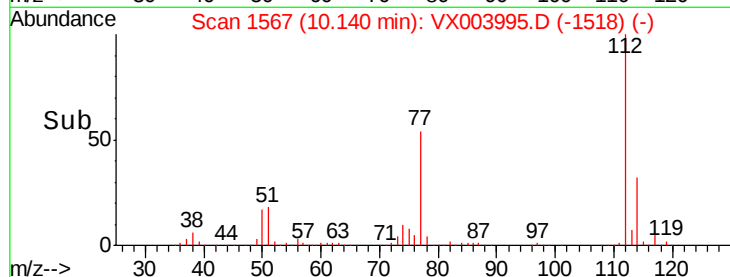
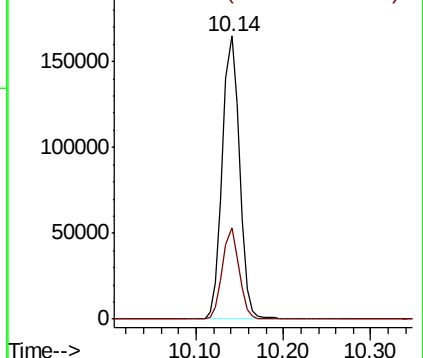
112 100

114 32.4 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.35 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

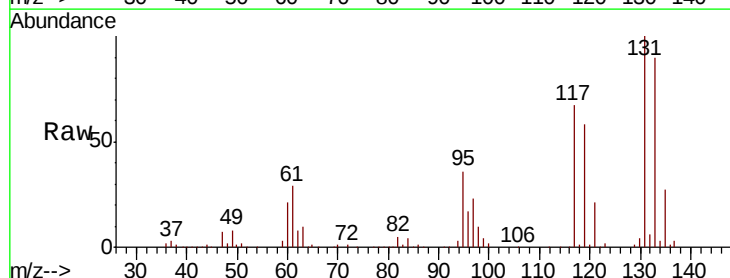
Tgt Ion:131 Resp: 77206

Ion Ratio Lower Upper

131 100

133 93.6 47.3 141.8

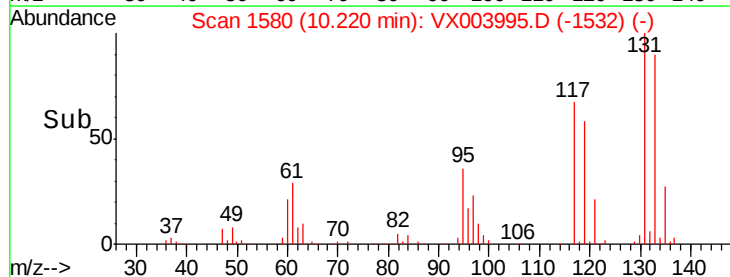
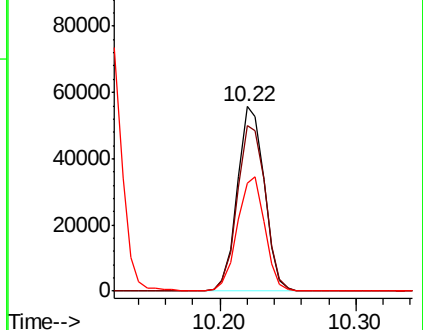
119 62.9 31.6 94.8

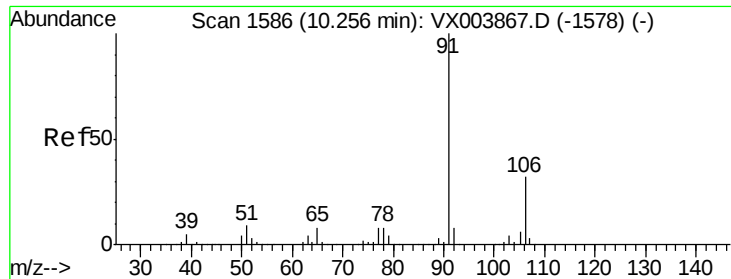


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

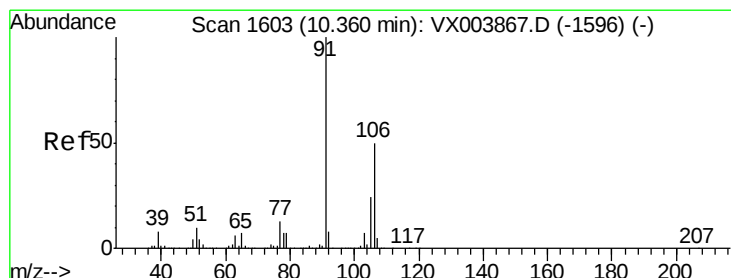
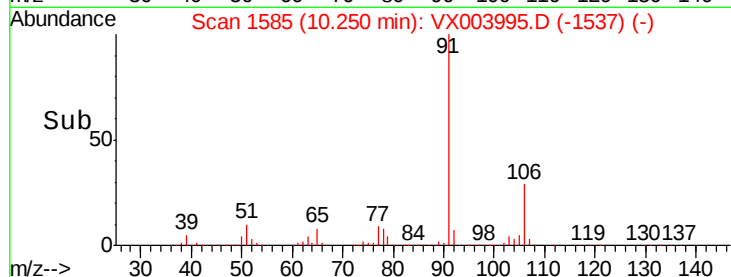
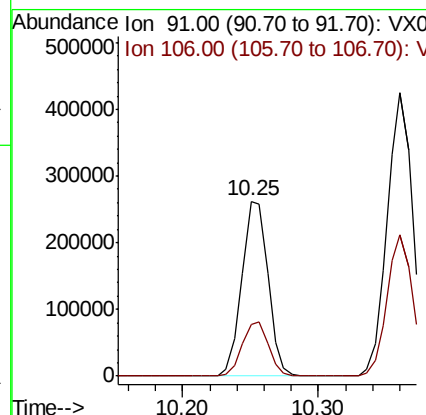
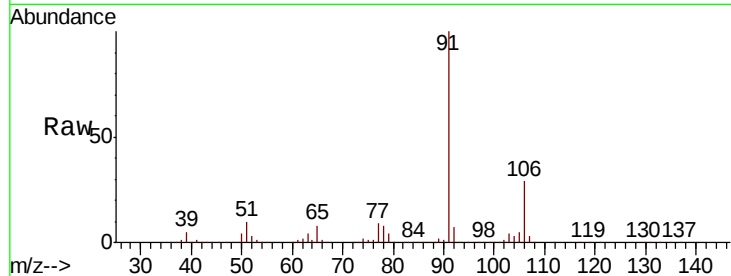




#67
Ethyl Benzene
Concen: 19.63 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

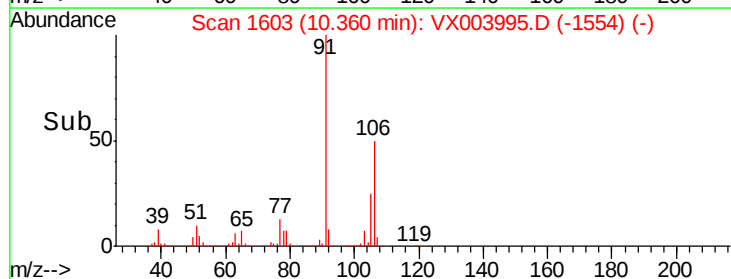
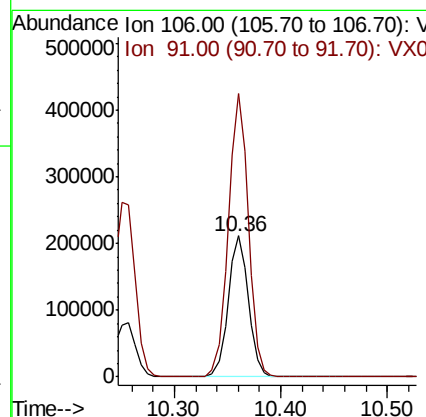
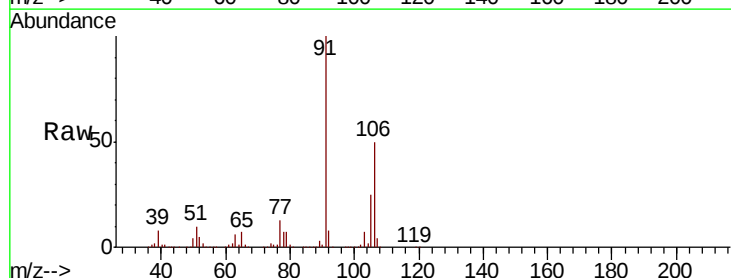
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

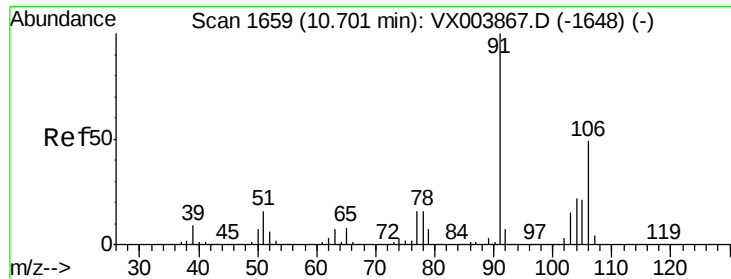
Tot Ion: 91 Resp: 354663
Ion Ratio Lower Upper
91 100
106 29.2 25.9 38.9



#68
m/p-Xylenes
Concen: 39.60 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion: 106 Resp: 279566
Ion Ratio Lower Upper
106 100
91 200.3 162.3 243.5

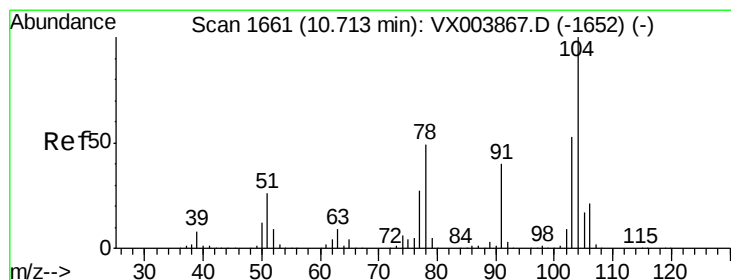
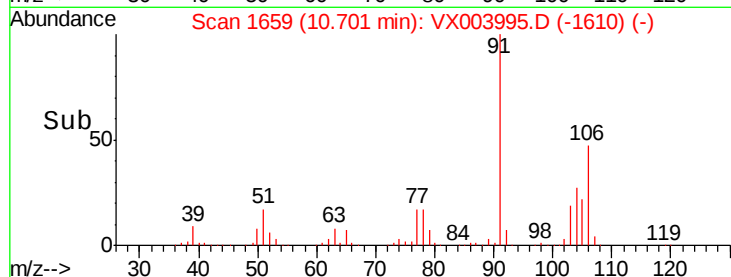
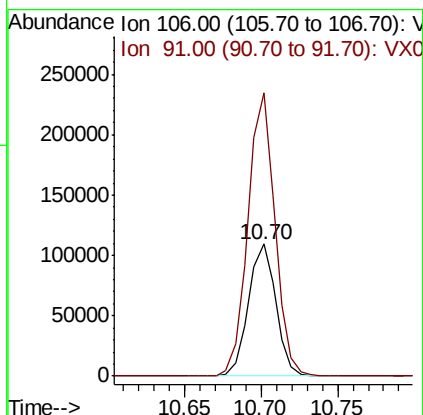
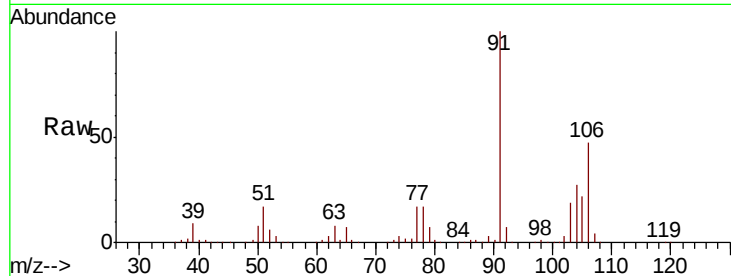




#69
o-Xylene
Concen: 20.45 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

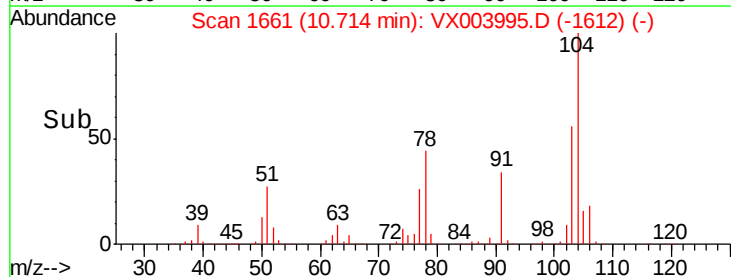
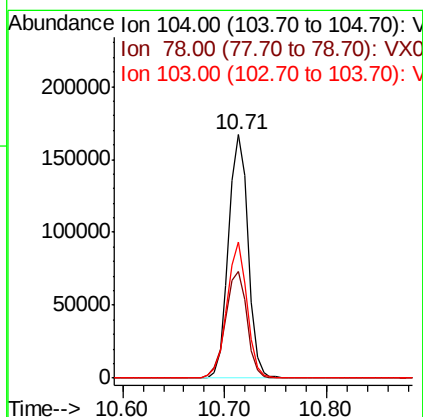
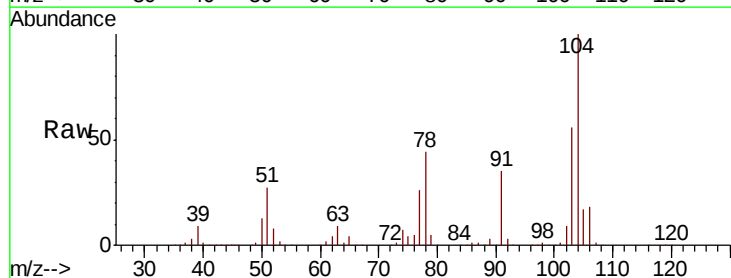
Instrument :
MSVOA_X
ClientSampled :
VX0813WBSD01

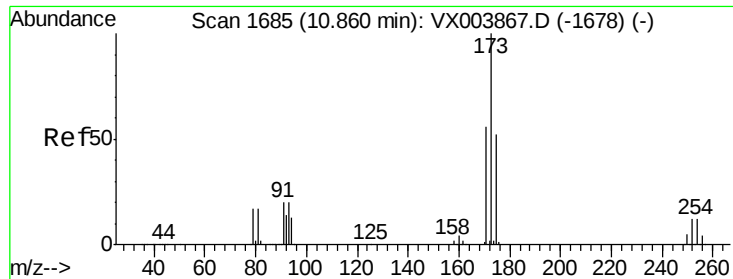
Tot Ion:106 Resp: 136274
Ion Ratio Lower Upper
106 100
91 211.3 101.9 305.7



#70
Styrene
Concen: 20.26 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion:104 Resp: 221087
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.6
103 57.3 44.3 66.5





#71

Bromoform

Concen: 20.93 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

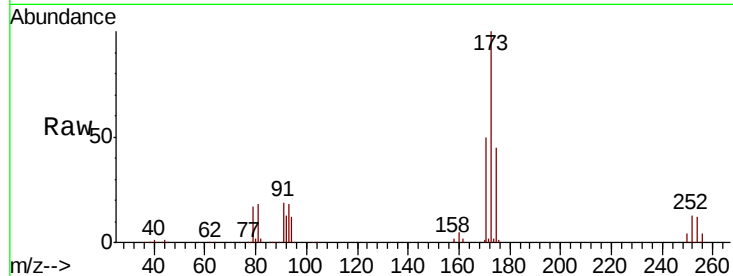
Tot Ion:173 Resp: 59379

Ion Ratio Lower Upper

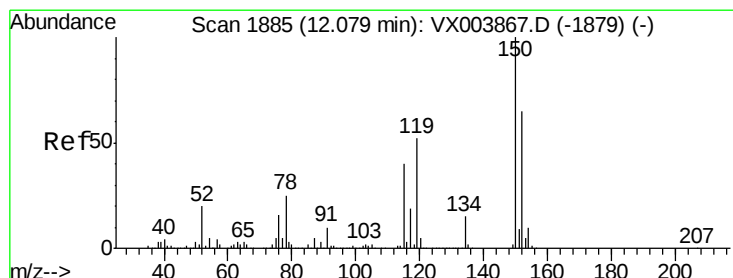
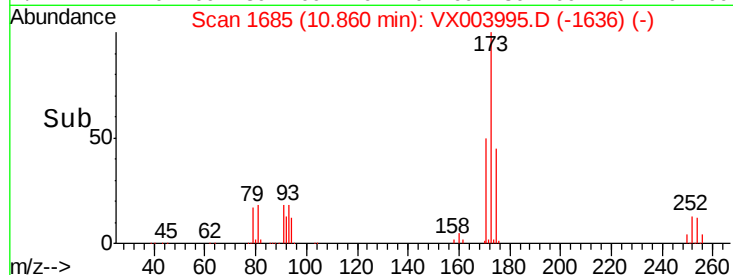
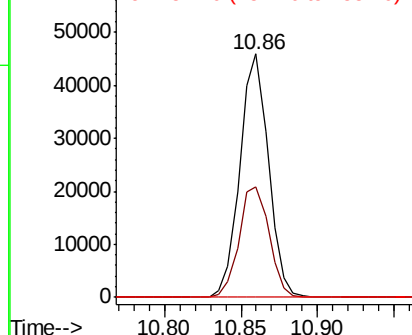
173 100

175 48.1 24.9 74.7

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

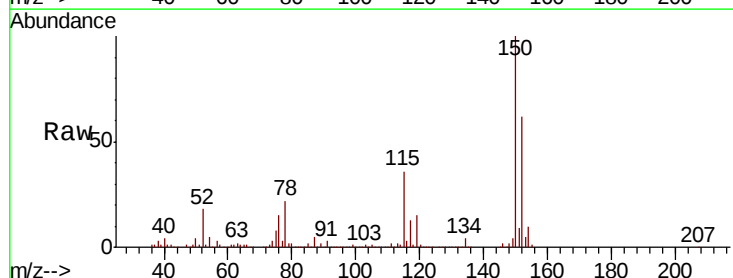
Tgt Ion:152 Resp: 258899

Ion Ratio Lower Upper

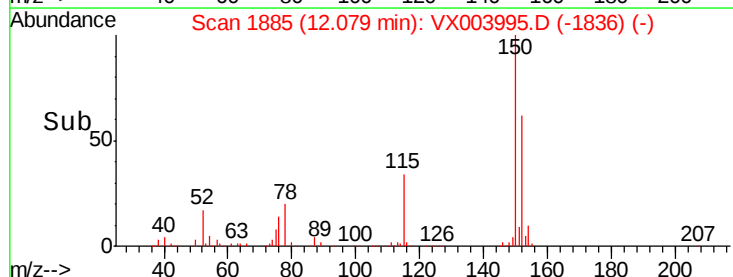
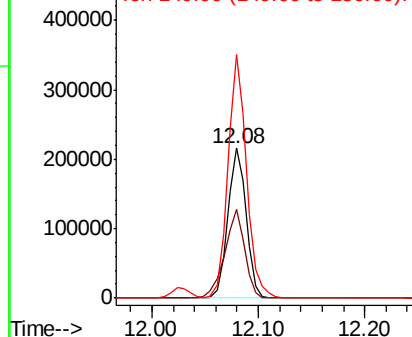
152 100

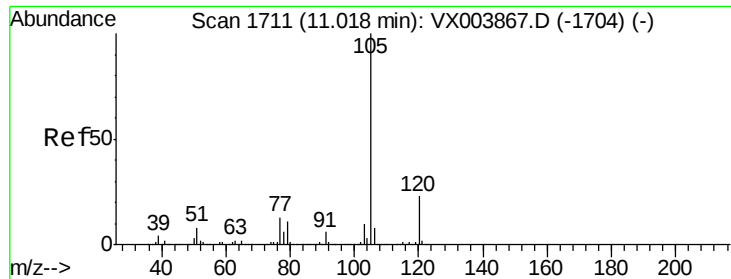
115 63.9 39.1 117.3

150 165.1 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.51 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

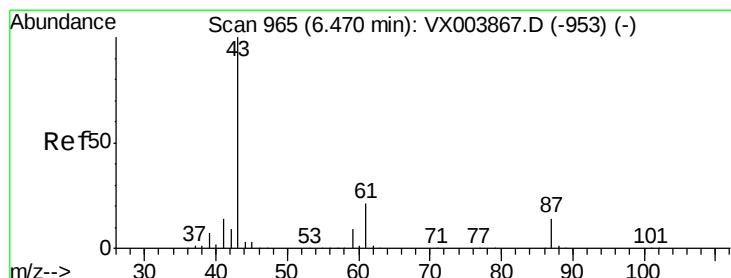
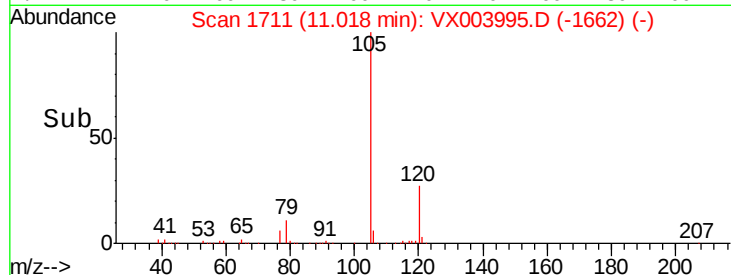
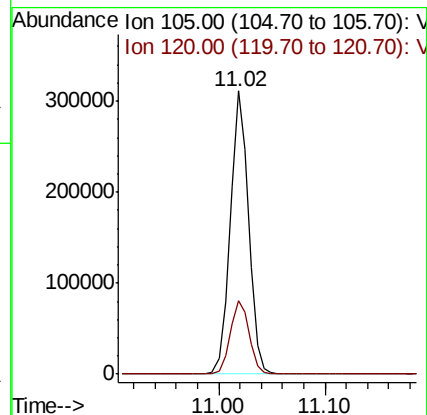
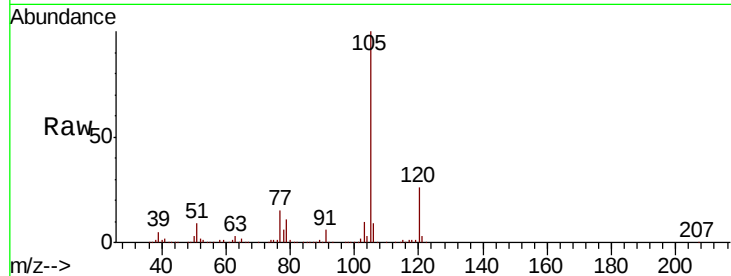
VX0813WBSD01

Tot Ion:105 Resp: 373656

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.8



#74

N-ethyl acetate

Concen: 17.65 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Tgt Ion: 43 Resp: 175787

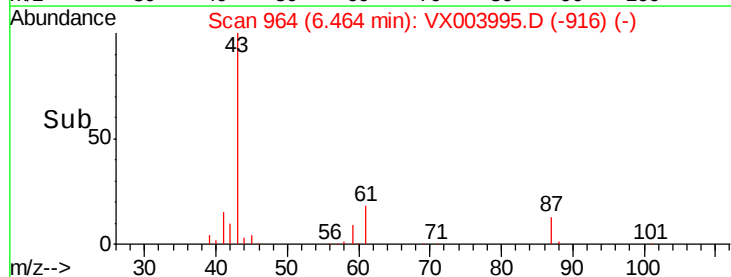
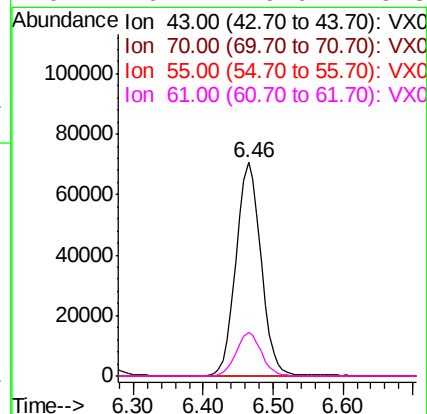
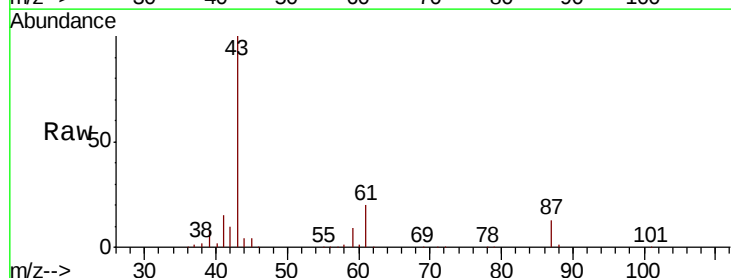
Ion Ratio Lower Upper

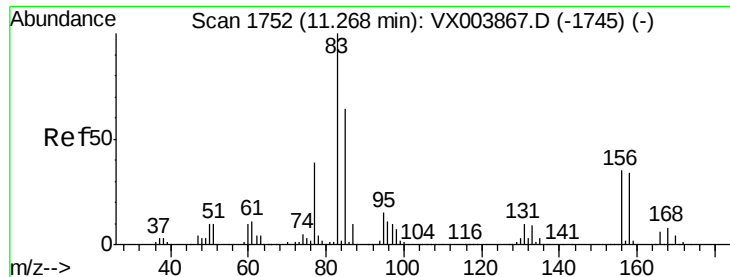
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.7 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.92 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

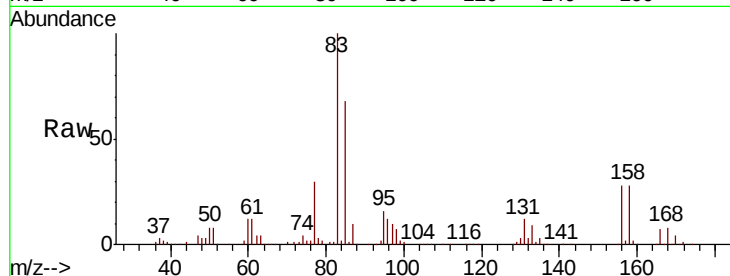
Tot Ion: 83 Resp: 124177

Ion Ratio Lower Upper

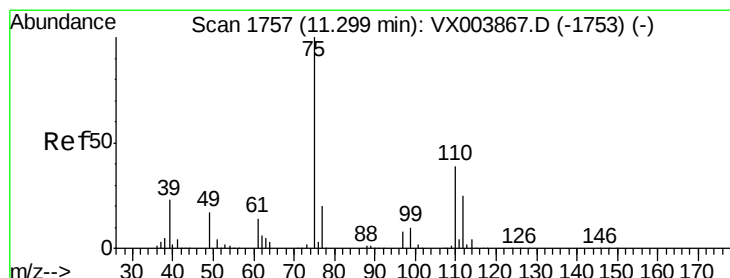
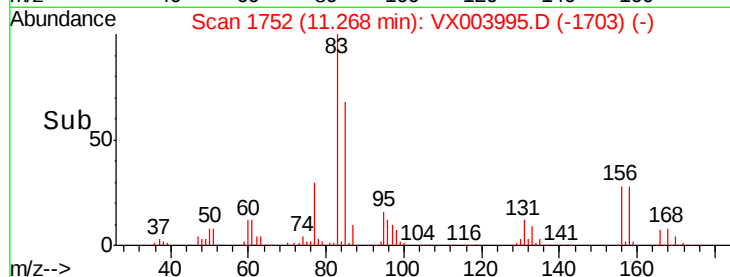
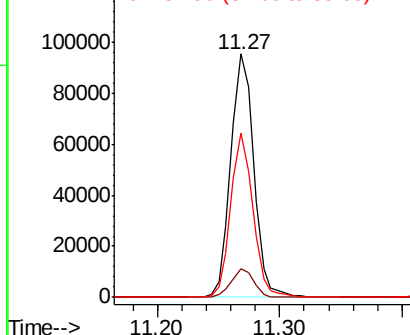
83 100

131 11.3 5.2 15.6

85 65.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.87 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003995.D

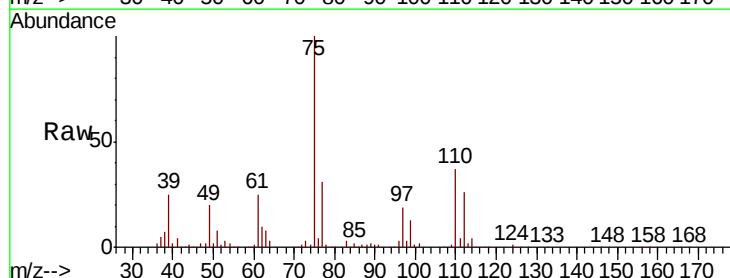
Acq: 13 Aug 2018 13:02

Tgt Ion: 75 Resp: 136502

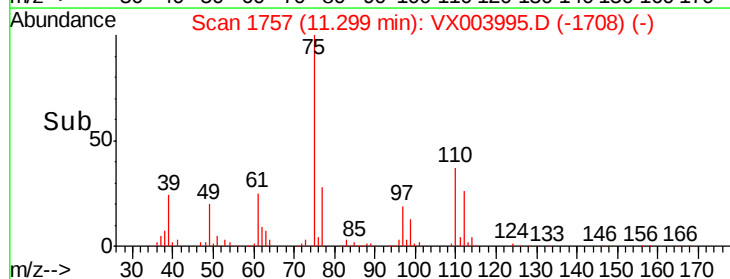
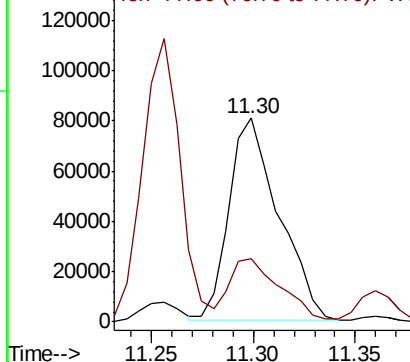
Ion Ratio Lower Upper

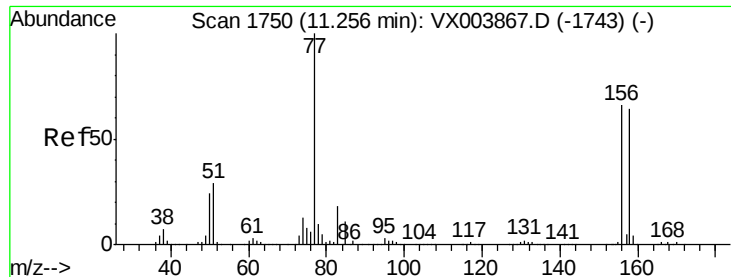
75 100

77 32.1 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

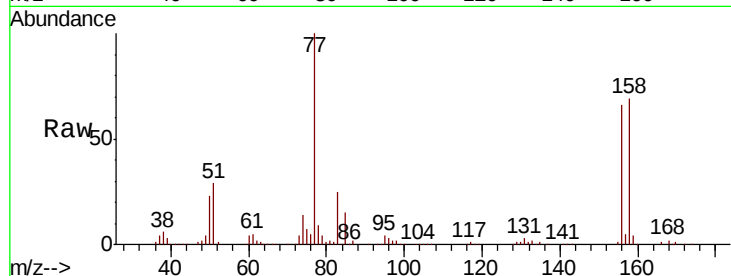
Tot Ion:156 Resp: 97588

Ion Ratio Lower Upper

156 100

77 148.5 74.1 222.2

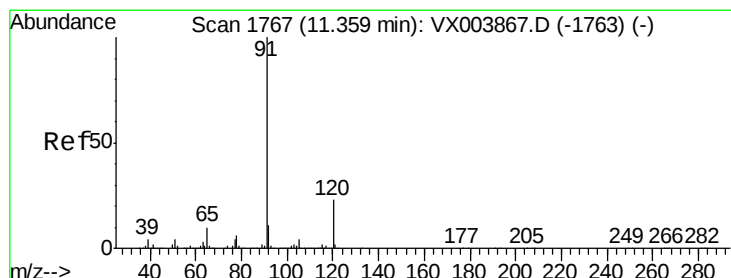
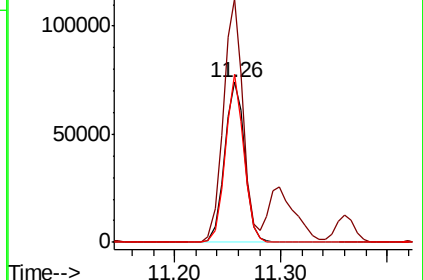
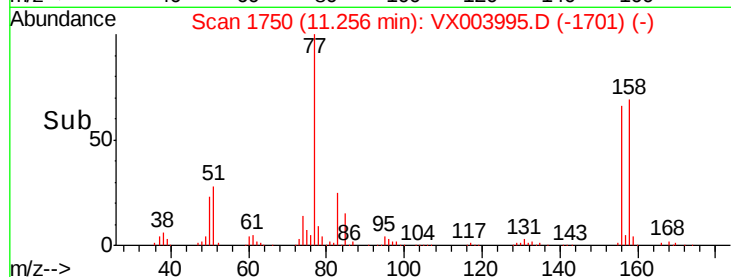
158 97.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.22 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003995.D

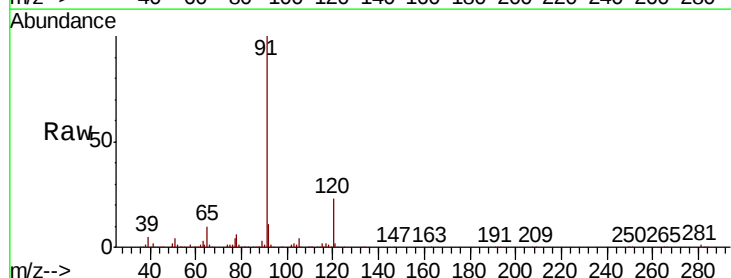
Acq: 13 Aug 2018 13:02

Tgt Ion: 91 Resp: 413399

Ion Ratio Lower Upper

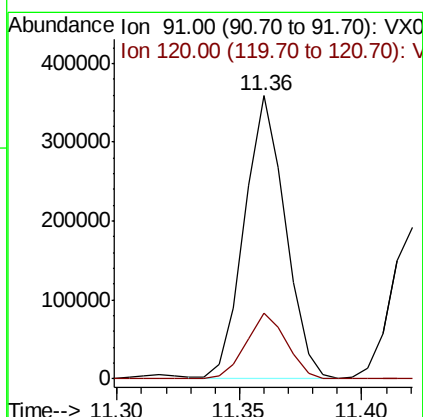
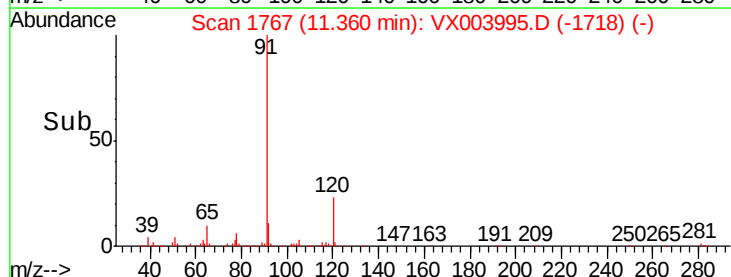
91 100

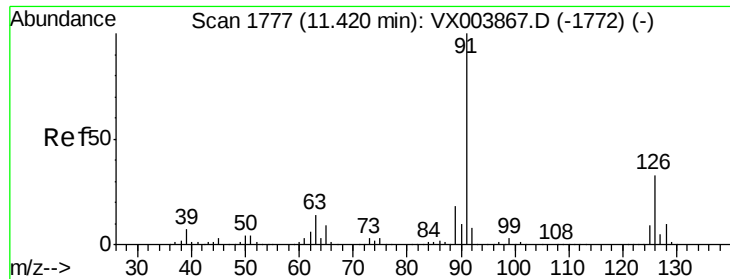
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

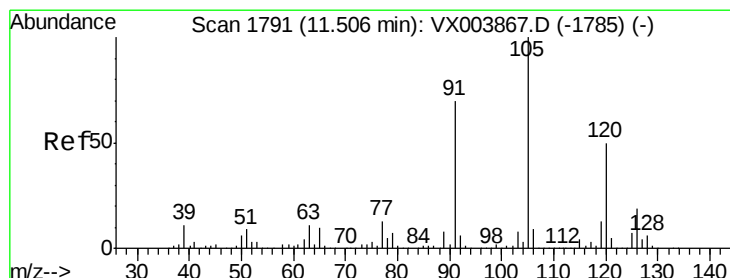
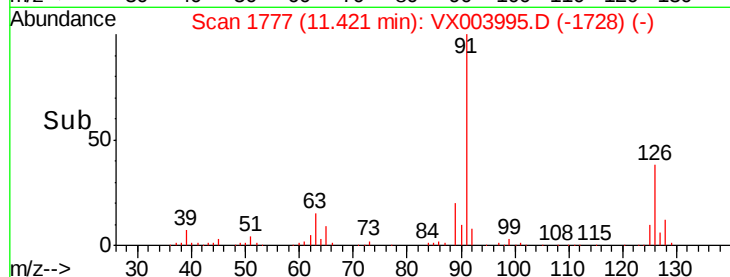
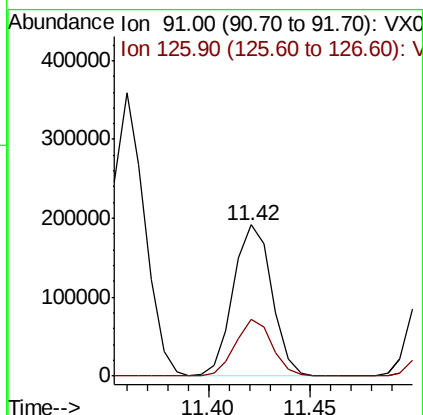
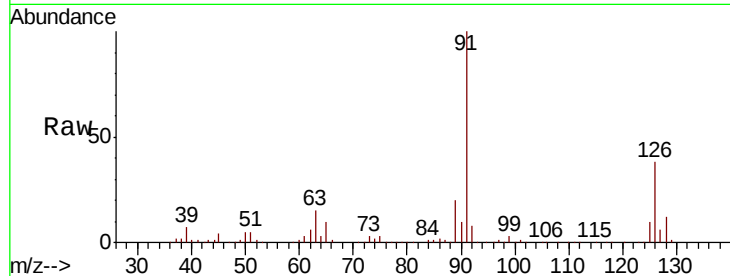




#79
 2-Chlorotoluene
 Concen: 19.07 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

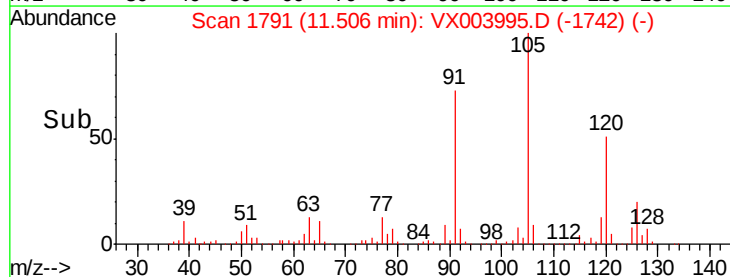
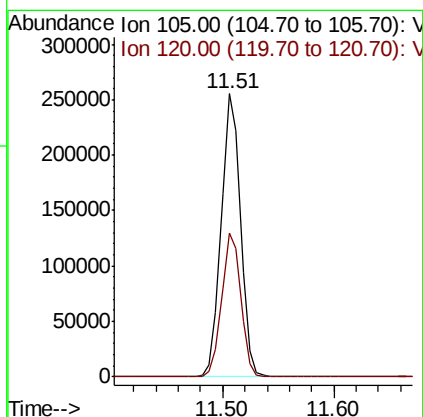
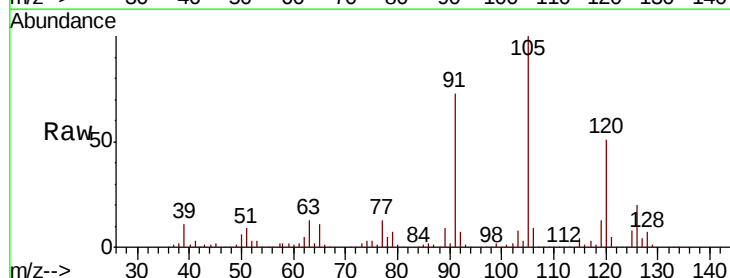
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

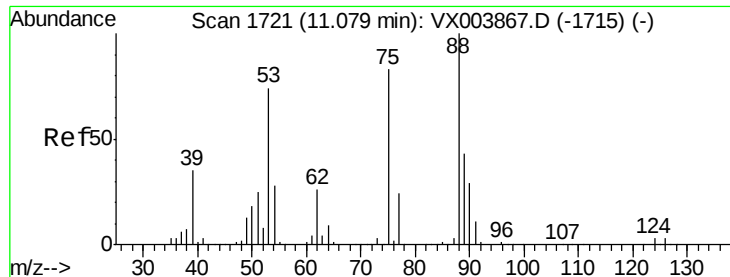
Tot Ion: 91 Resp: 250062
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.61 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion: 105 Resp: 306297
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.44 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

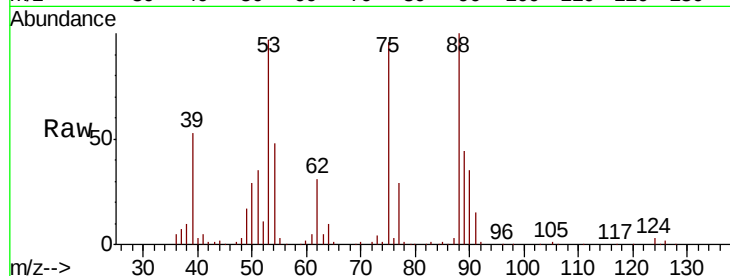
Tot Ion: 75 Resp: 32732

Ion Ratio Lower Upper

75 100

53 104.0 80.3 120.5

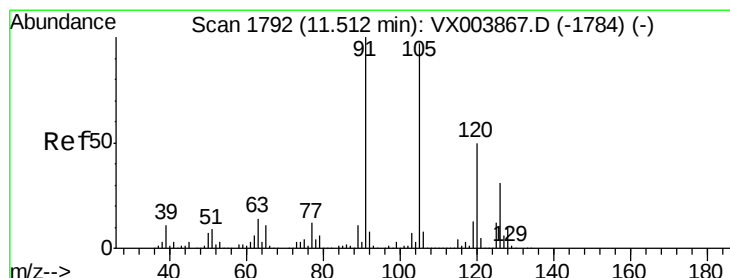
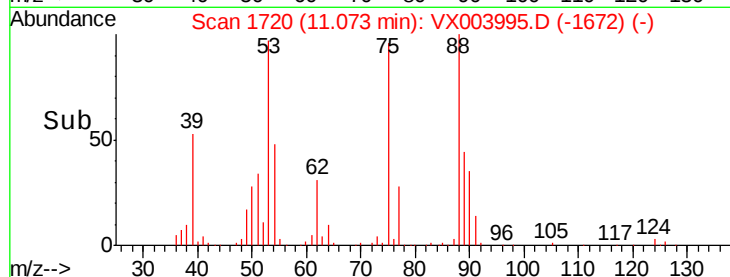
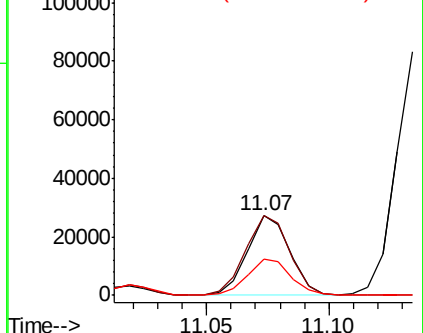
89 46.1 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.85 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003995.D

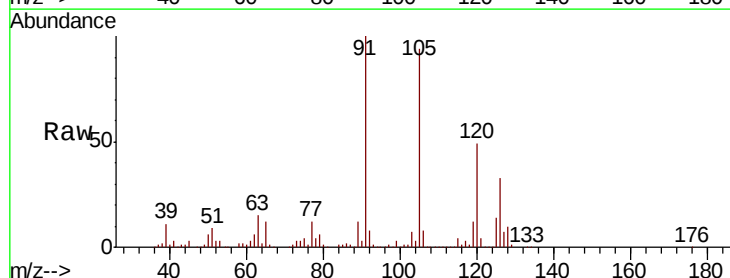
Acq: 13 Aug 2018 13:02

Tgt Ion: 91 Resp: 289538

Ion Ratio Lower Upper

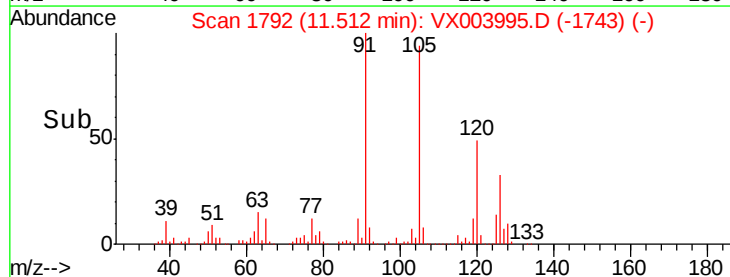
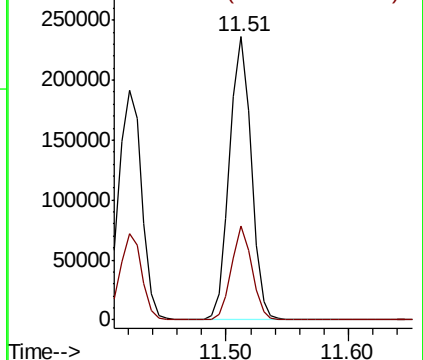
91 100

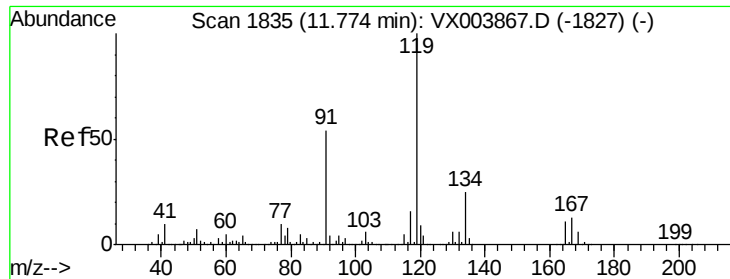
126 31.2 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

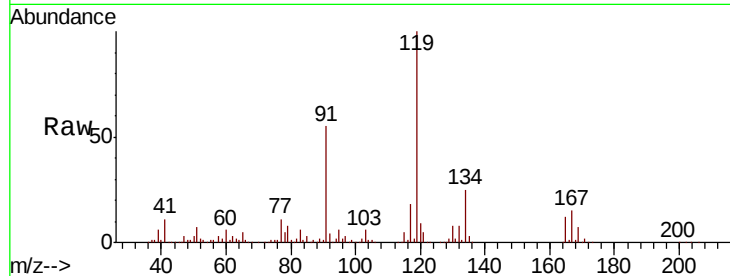




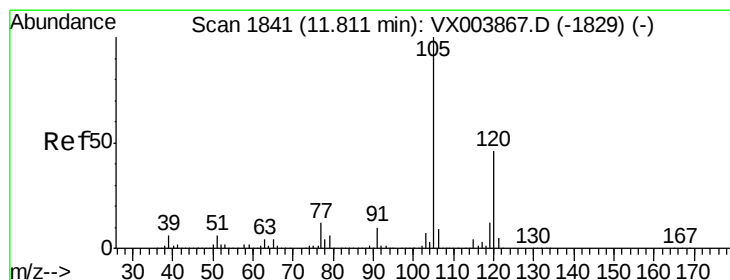
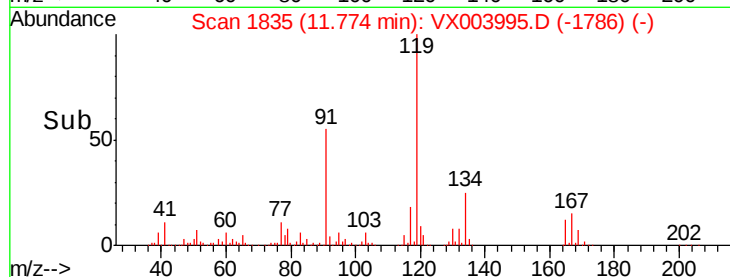
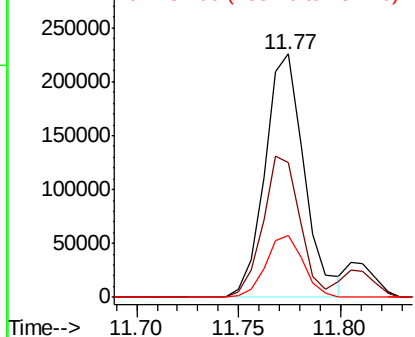
#83
 tert-Butylbenzene
 Concen: 19.73 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Tot Ion:119 Resp: 303159
 Ion Ratio Lower Upper
 119 100
 91 54.6 26.9 80.7
 134 24.3 12.0 36.0

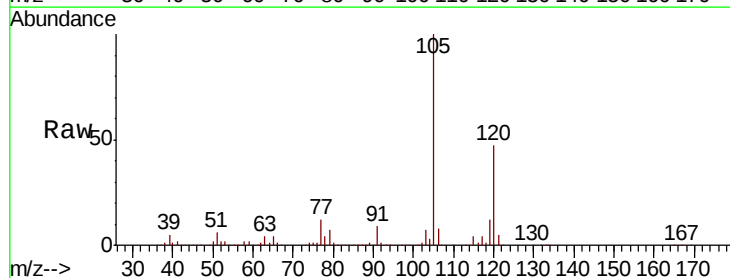


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

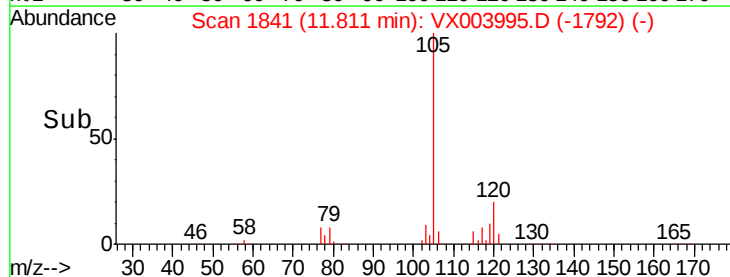
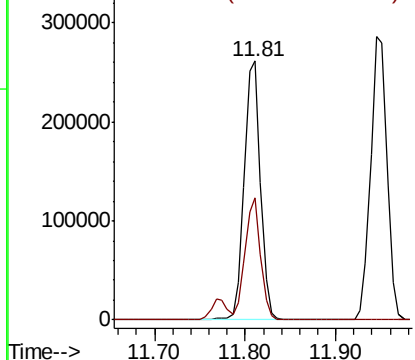


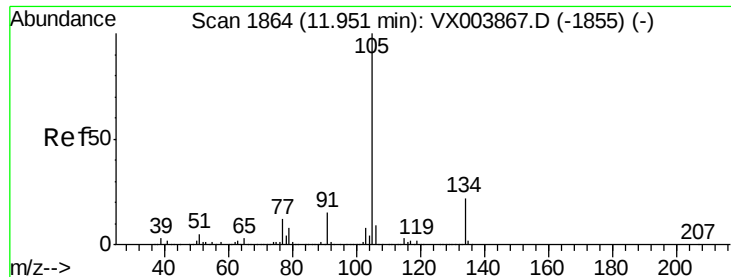
#84
 1,2,4-Trimethylbenzene
 Concen: 20.68 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion:105 Resp: 324688
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.2



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

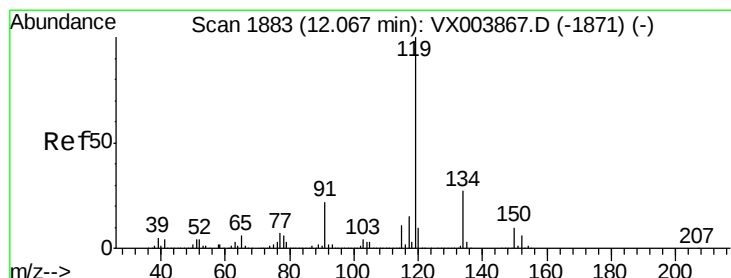
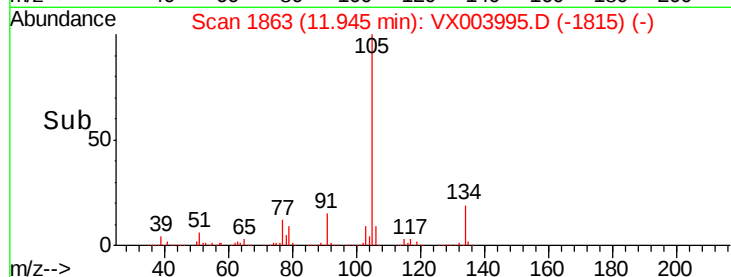
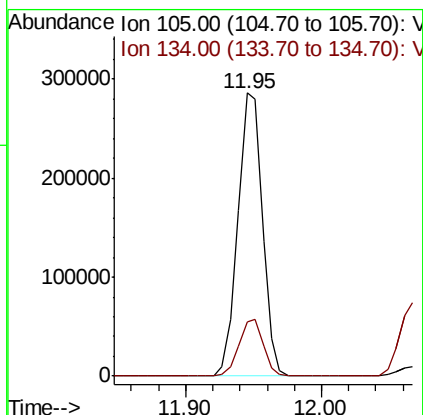
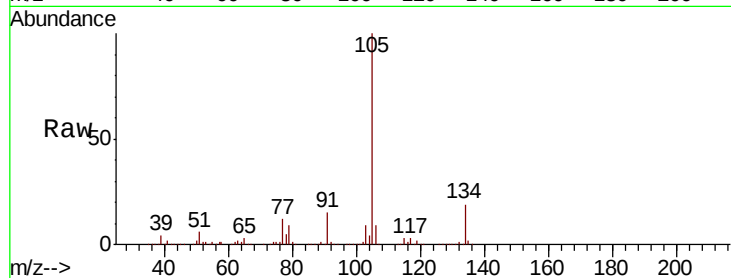




#85
 sec-Butylbenzene
 Concen: 19.82 ug/l
 RT: 11.95 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

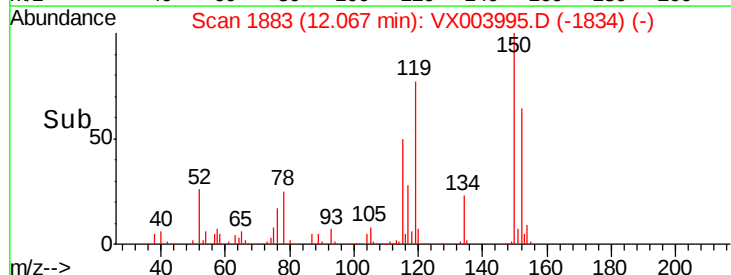
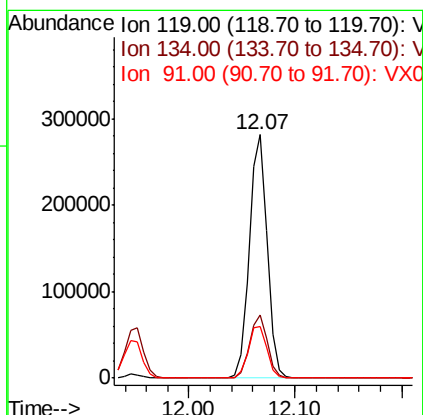
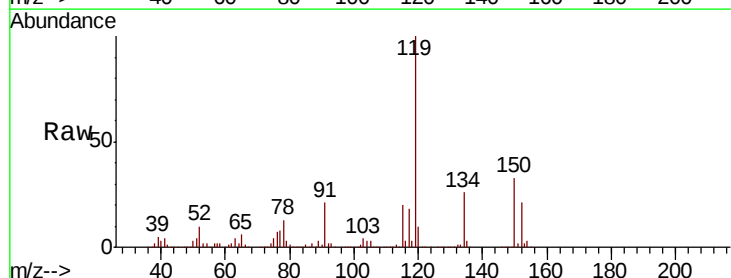
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

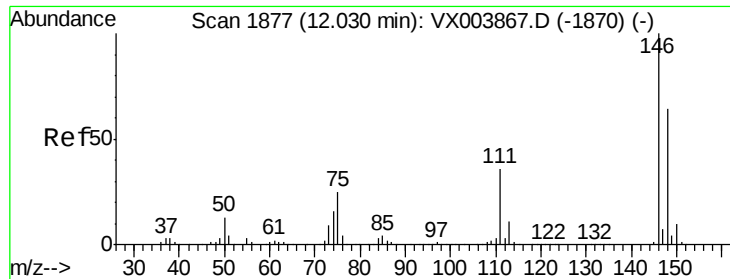
Tot Ion:105 Resp: 359298
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 20.32 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion:119 Resp: 330659
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 22.2 10.9 32.7

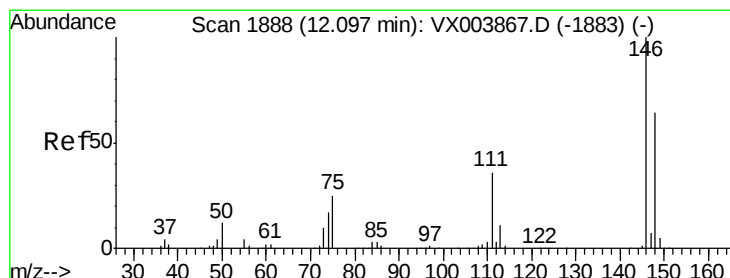
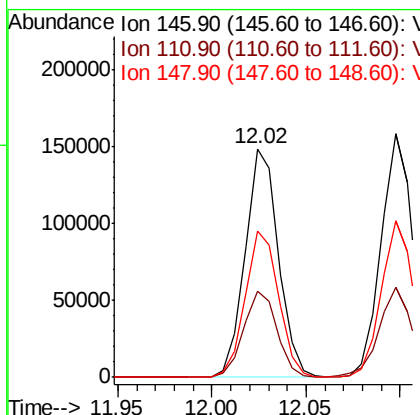
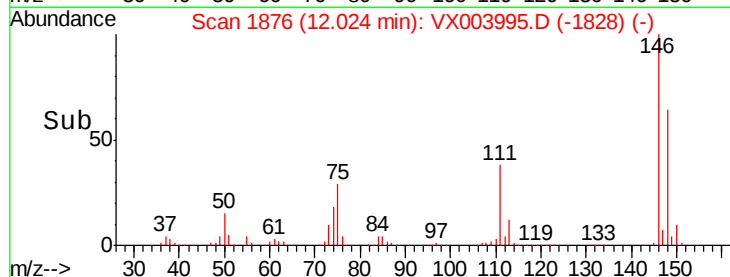
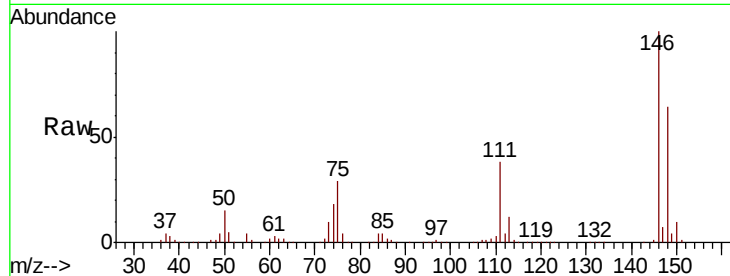




#87
 1,3-Dichlorobenzene
 Concen: 19.26 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

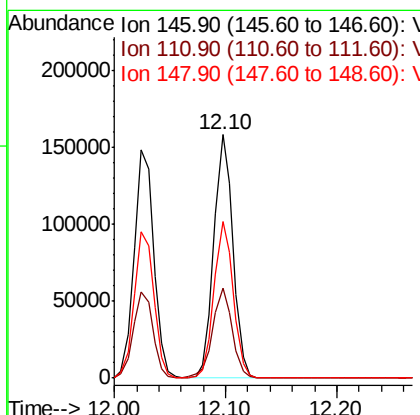
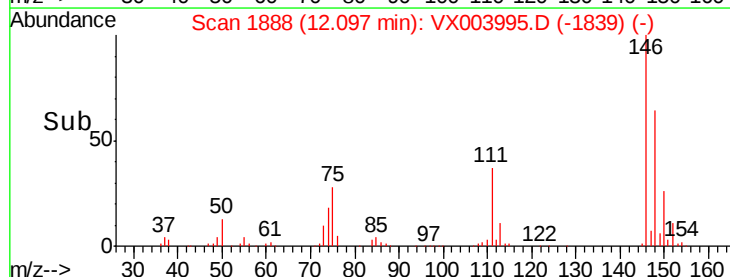
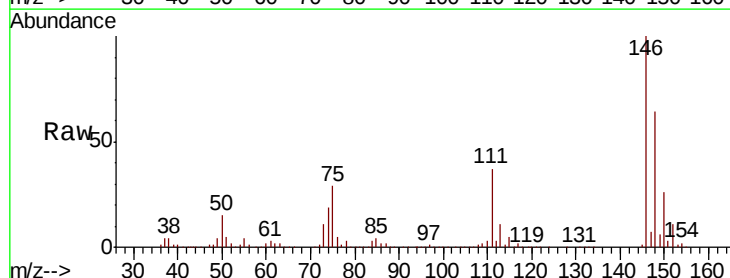
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

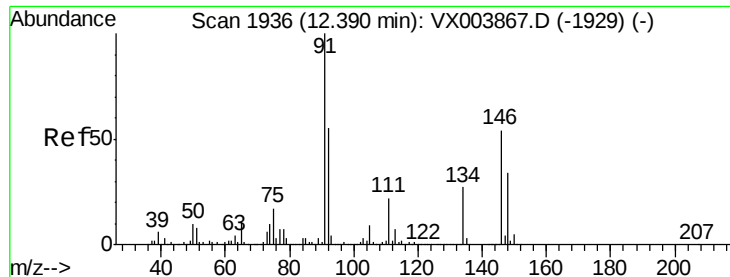
Tot Ion:146 Resp: 181912
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.4
 148 64.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.17 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion:146 Resp: 187787
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.4 55.0
 148 64.7 32.3 96.8





#89

n-Butylbenzene

Concen: 17.91 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003995.D

Acq: 13 Aug 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

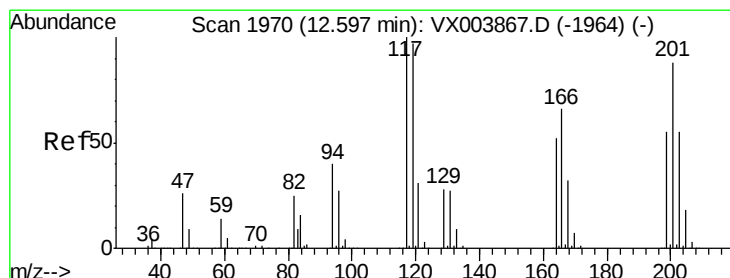
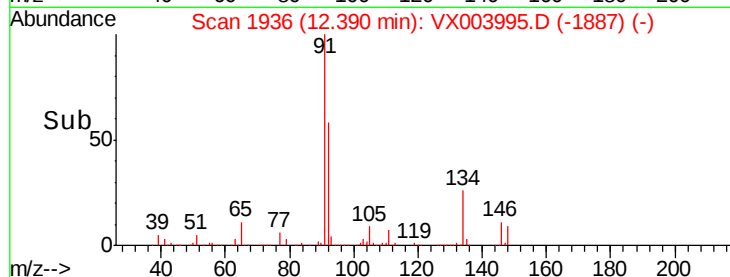
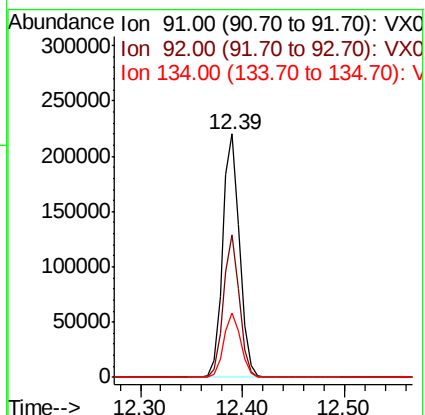
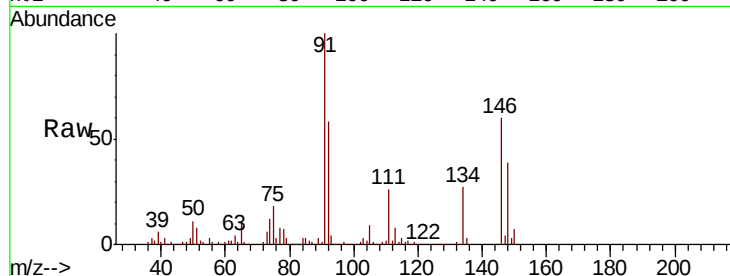
Tot Ion: 91 Resp: 253921

Ion Ratio Lower Upper

91 100

92 55.3 27.1 81.3

134 26.6 13.6 40.7



#90

Hexachloroethane

Concen: 16.78 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003995.D

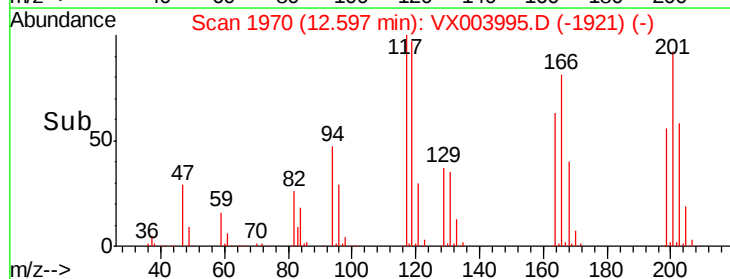
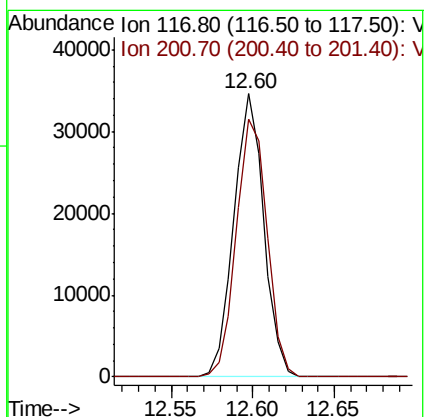
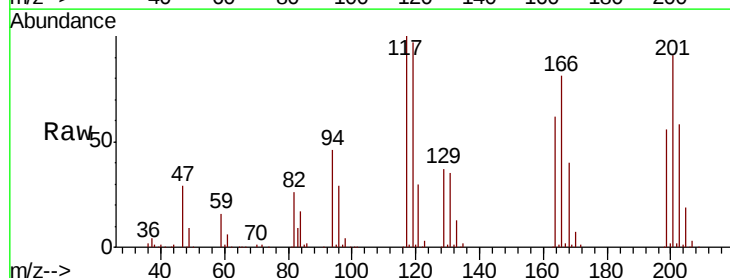
Acq: 13 Aug 2018 13:02

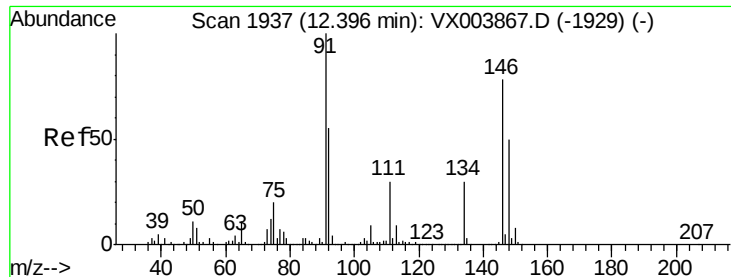
Tgt Ion: 117 Resp: 44319

Ion Ratio Lower Upper

117 100

201 93.8 46.1 138.2

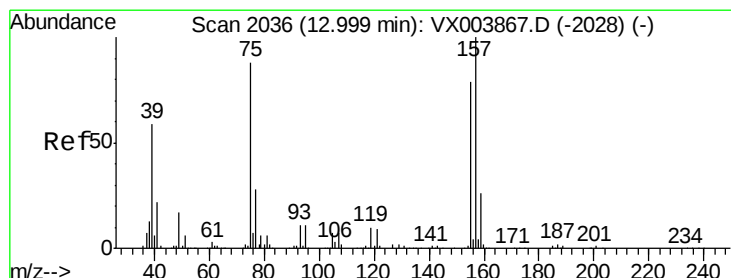
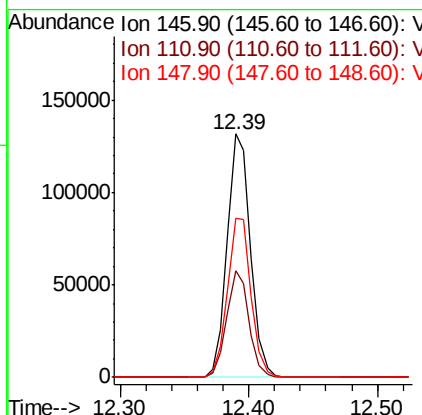
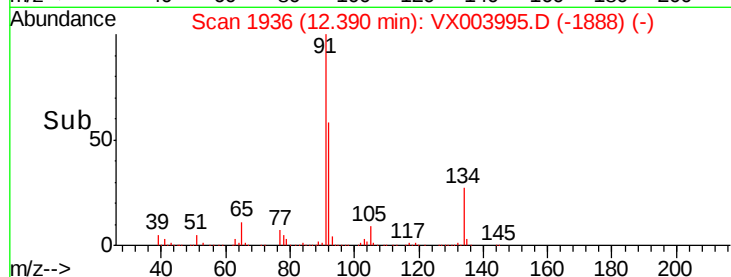
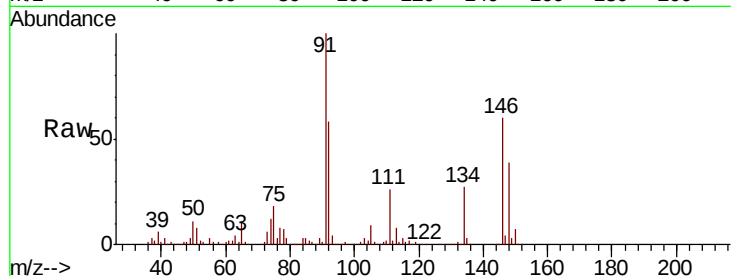




#91
 1,2-Dichlorobenzene
 Concen: 17.93 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

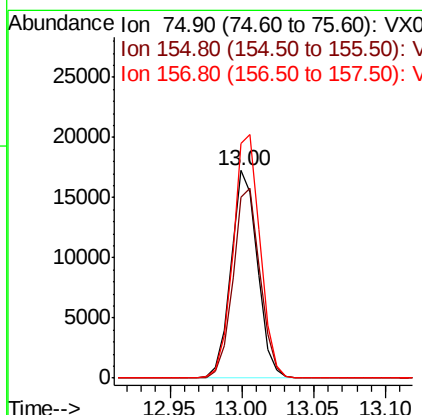
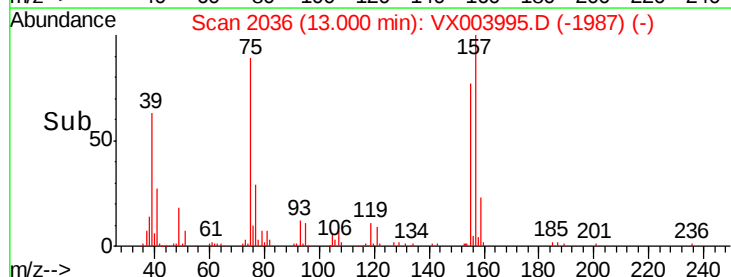
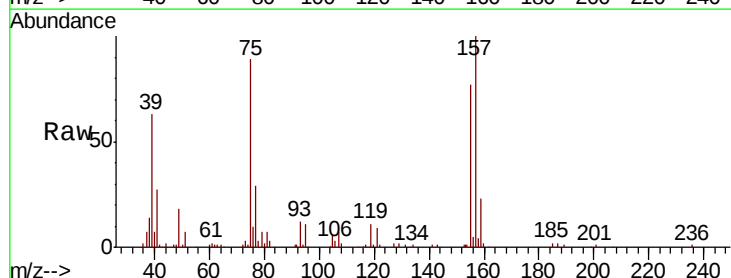
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

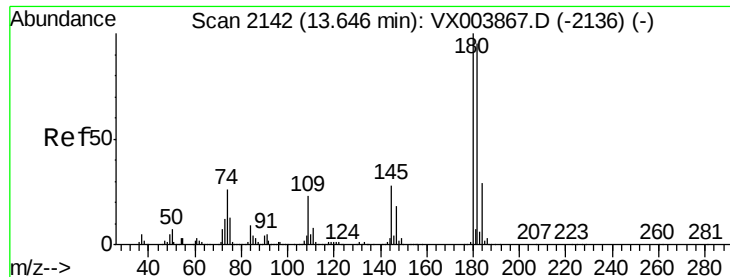
Tot Ion:146 Resp: 167819
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.7 59.0
 148 66.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.52 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion: 75 Resp: 22221
 Ion Ratio Lower Upper
 75 100
 155 93.1 48.7 146.1
 157 119.5 62.6 187.8

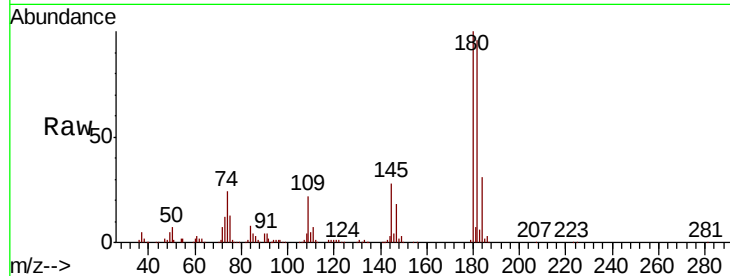




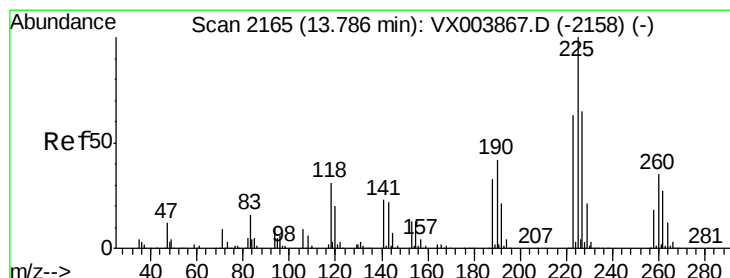
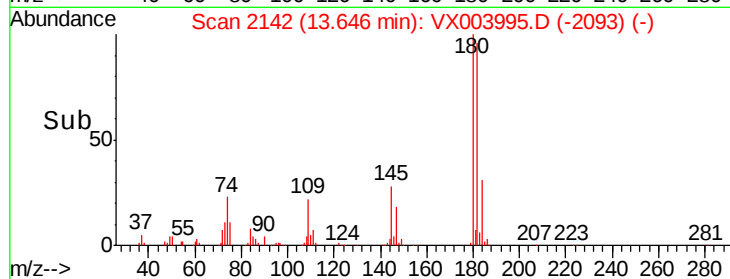
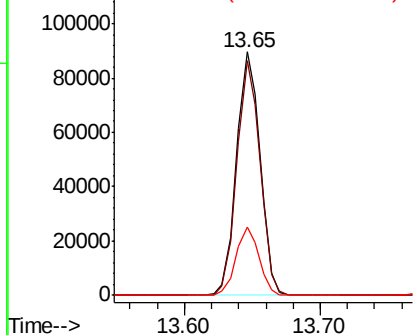
#93
 1,2,4-Trichlorobenzene
 Concen: 16.02 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.7	143.1
145	27.3	13.9	41.6

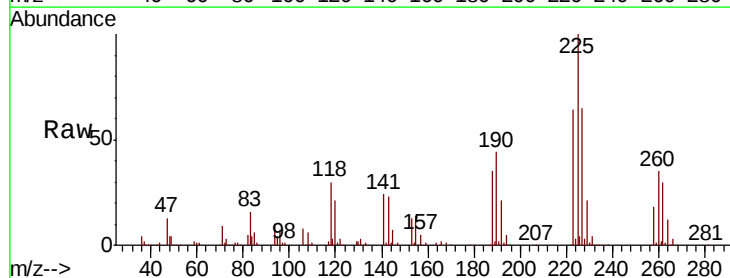


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

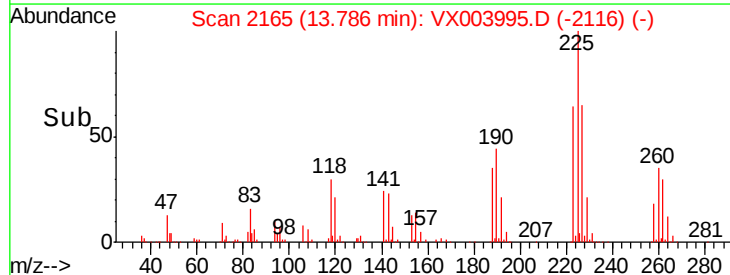
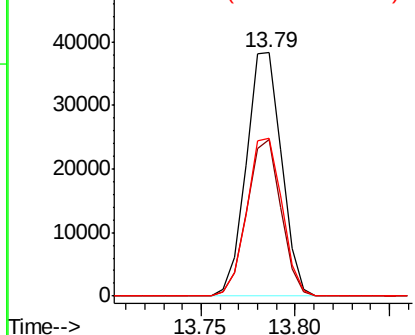


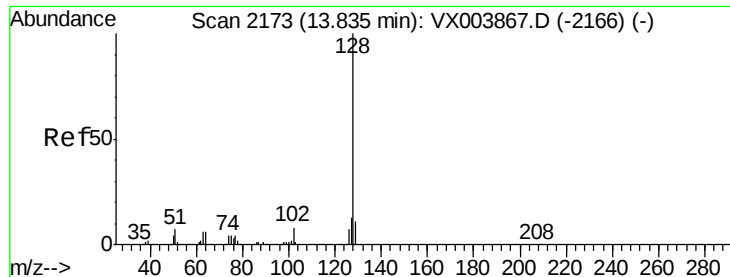
#94
 Hexachlorobutadiene
 Concen: 15.81 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003995.D
 Acq: 13 Aug 2018 13:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.0
227	64.7	32.1	96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

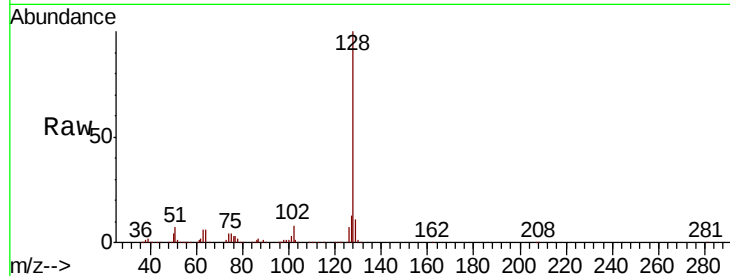




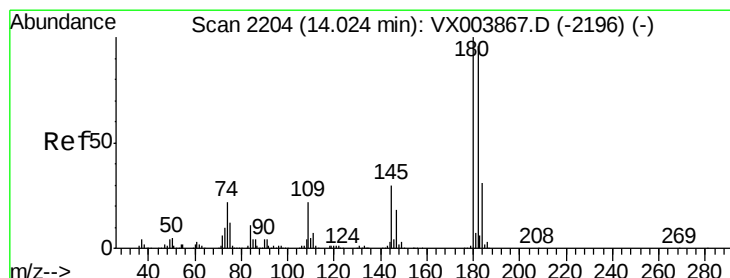
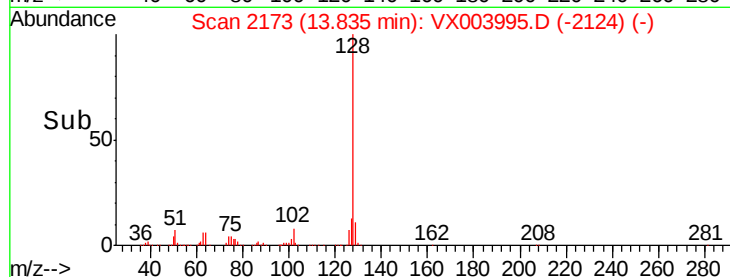
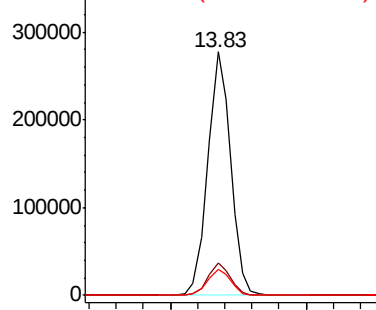
#95
Naphthalene
Concen: 16.80 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

Tot Ion:128 Resp: 323873
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.8 13.2

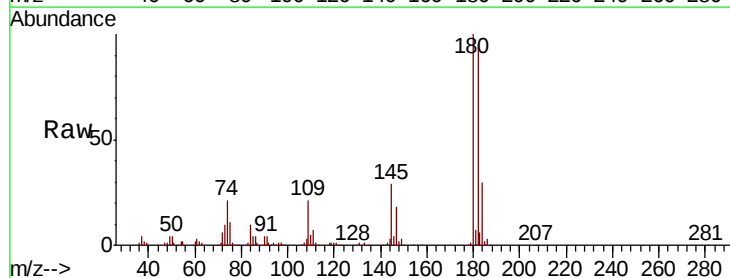


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 16.75 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003995.D
Acq: 13 Aug 2018 13:02

Tgt Ion:180 Resp: 112535
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.4
145 29.5 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

