

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004157.D
 Acq On : 20 Aug 2018 17:08
 Operator : JC/MD
 Sample : VX0820WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Quant Time: Aug 21 01:05:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	443701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	255708	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210309	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.50	113	176317	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	8.71	98	674476	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.14	95	244116	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54600	18.16	ug/l	99
3) Chloromethane	1.32	50	69251	18.77	ug/l	98
4) Vinyl Chloride	1.40	62	73040	18.30	ug/l	100
5) Bromomethane	1.64	94	41057	20.19	ug/l	98
6) Chloroethane	1.72	64	51810	18.62	ug/l	97
7) Trichlorofluoromethane	1.93	101	103253	18.44	ug/l	98
8) Diethyl Ether	2.19	74	47180	19.30	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	64869	18.57	ug/l	99
10) Methyl Iodide	2.51	142	54960	18.27	ug/l	99
11) Tert butyl alcohol	3.07	59	84645	96.60	ug/l	100
12) 1,1-Dichloroethene	2.37	96	61274	18.86	ug/l	94
13) Acrolein	2.29	56	62227	111.04	ug/l	99
14) Allyl chloride	2.73	41	115032	18.61	ug/l	99
15) Acrylonitrile	3.15	53	207594	95.02	ug/l	100
16) Acetone	2.45	43	211684	93.57	ug/l	99
17) Carbon Disulfide	2.57	76	158425	17.19	ug/l	99
18) Methyl Acetate	2.78	43	104306	20.75	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	215431	18.82	ug/l	99
20) Methylene Chloride	2.86	84	73507	19.51	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	67583	18.32	ug/l	99
22) Diisopropyl ether	3.87	45	217696	17.97	ug/l	99
23) Vinyl Acetate	3.82	43	903772	90.84	ug/l	100
24) 1,1-Dichloroethane	3.69	63	124223	18.11	ug/l	100
25) 2-Butanone	4.70	43	324082	88.04	ug/l	97
26) 2,2-Dichloropropane	4.58	77	93934	17.22	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	76506	18.44	ug/l	97
28) Bromochloromethane	5.02	49	63972	20.32	ug/l	99
29) Tetrahydrofuran	5.16	42	163265	86.81	ug/l	100
30) Chloroform	5.21	83	128995	19.26	ug/l	100
31) Cyclohexane	5.57	56	103404	17.19	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	105190	18.80	ug/l	99
36) 1,1-Dichloropropene	5.80	75	93677	18.55	ug/l	99
37) Ethyl Acetate	4.86	43	98470	17.91	ug/l	100
38) Carbon Tetrachloride	5.78	117	91500	18.65	ug/l	99

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0820WBSD01

Quant Time: Aug 21 01:05:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	102240	17.85	ug/l	98
40) Benzene	6.14	78	289659	19.11	ug/l	99
41) Methacrylonitrile	5.06	41	54212	17.61	ug/l	99
42) 1,2-Dichloroethane	6.20	62	101312	19.09	ug/l	100
43) Isopropyl Acetate	6.46	43	146274	18.05	ug/l	100
44) Trichloroethene	7.21	130	76644	18.62	ug/l	92
45) 1,2-Dichloropropane	7.52	63	72535	18.69	ug/l	99
46) Dibromomethane	7.67	93	48522	19.13	ug/l	99
47) Bromodichloromethane	7.90	83	90943	18.93	ug/l	100
48) Methyl methacrylate	7.78	41	76973	18.87	ug/l	98
49) 1,4-Dioxane	7.76	88	34154	371.84	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	648881	97.65	ug/l	99
52) Toluene	8.79	92	184610	19.25	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	97612	18.81	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	110276	19.19	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	75753	19.13	ug/l	99
56) Ethyl methacrylate	9.18	69	100875	18.73	ug/l	99
57) 1,3-Dichloropropane	9.37	76	125838	19.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	267635	97.61	ug/l	99
59) 2-Hexanone	9.50	43	485973	97.17	ug/l	99
60) Dibromochloromethane	9.59	129	72153	18.94	ug/l	100
61) 1,2-Dibromoethane	9.67	107	77007	19.08	ug/l	100
64) Tetrachloroethene	9.34	164	72278	17.78	ug/l	96
65) Chlorobenzene	10.14	112	209440	18.90	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	73102	19.34	ug/l	99
67) Ethyl Benzene	10.25	91	335284	19.11	ug/l	98
68) m/p-Xylenes	10.36	106	269434	39.21	ug/l	98
69) o-Xylene	10.70	106	125056	19.05	ug/l	94
70) Styrene	10.71	104	214019	19.37	ug/l	98
71) Bromoform	10.86	173	53435	17.83	ug/l #	98
73) Isopropylbenzene	11.02	105	341553	19.74	ug/l	96
74) N-amyl acetate	6.46	43	146274	17.97	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	116789	19.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120022	23.41	ug/l	84
77) Bromobenzene	11.26	156	92603	19.41	ug/l	99
78) n-propylbenzene	11.36	91	382896	19.77	ug/l	99
79) 2-Chlorotoluene	11.42	91	224245	19.00	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	280069	19.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28265	17.06	ug/l	95
82) 4-Chlorotoluene	11.51	91	270477	19.39	ug/l	98
83) tert-Butylbenzene	11.77	119	280880	19.66	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	299953	20.44	ug/l	99
85) sec-Butylbenzene	11.94	105	335985	20.09	ug/l	100
86) p-Isopropyltoluene	12.07	119	303276	20.04	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	173663	19.09	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	176966	18.90	ug/l	99
89) n-Butylbenzene	12.39	91	241696	20.26	ug/l	99
90) Hexachloroethane	12.60	117	44218	19.52	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	171971	20.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21207	19.97	ug/l	99

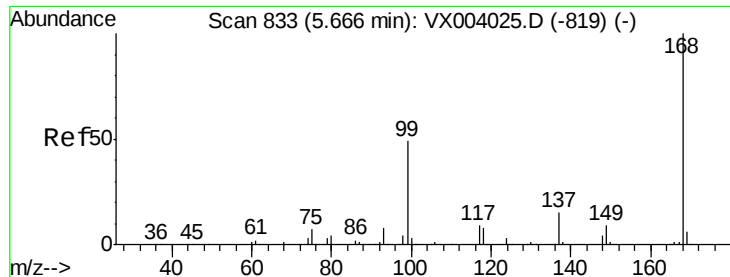
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115513	20.60	ug/l	98
94) Hexachlorobutadiene	13.79	225	51901	18.46	ug/l	98
95) Naphthalene	13.83	128	334933	19.45	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	114552	18.73	ug/l	97

(#) = 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: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

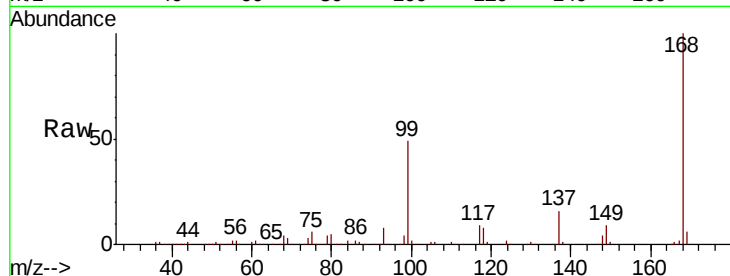
VX0820WBSD01

Tot Ion:168 Resp: 308829

Ion Ratio Lower Upper

168 100

99 48.6 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

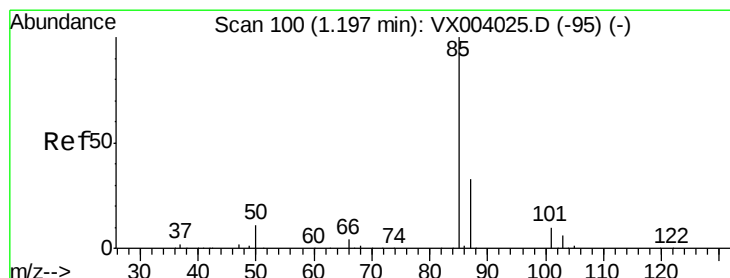
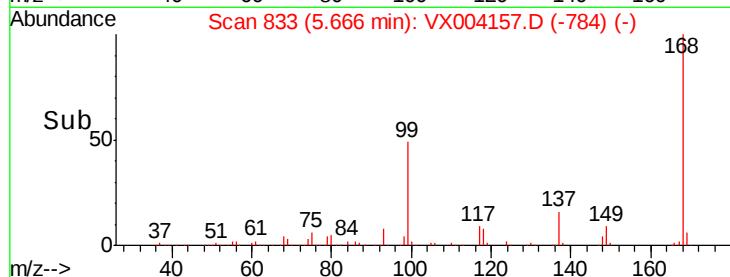
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 18.16 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004157.D

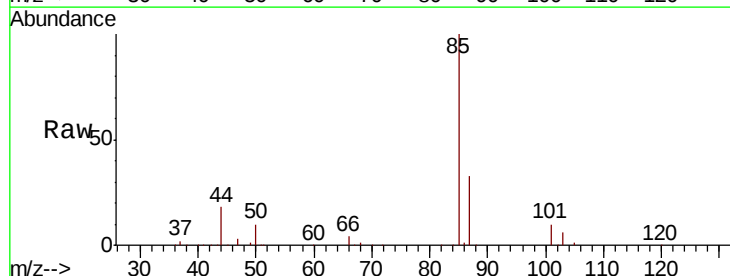
Acq: 20 Aug 2018 17:08

Tgt Ion: 85 Resp: 54600

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

50000

40000

30000

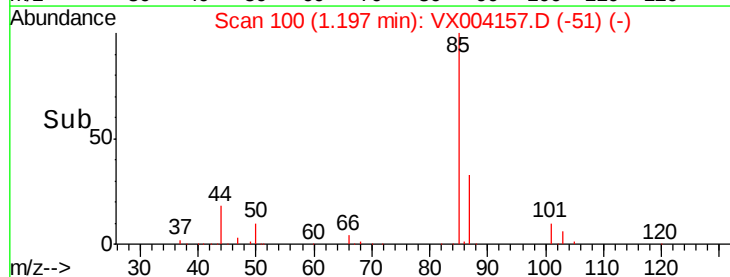
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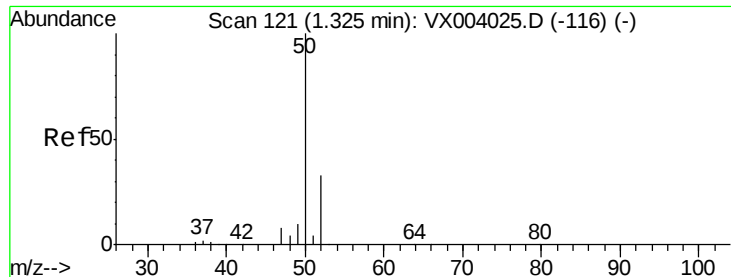
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.77 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

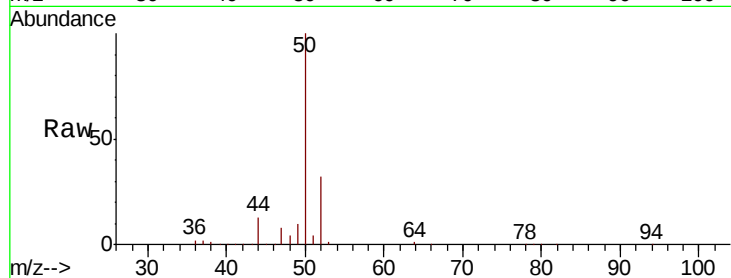
VX0820WBSD01

Tot Ion: 50 Resp: 69251

Ion Ratio Lower Upper

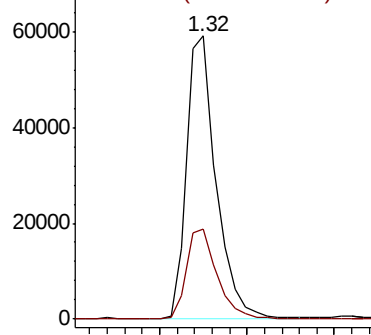
50 100

52 31.9 26.6 39.8

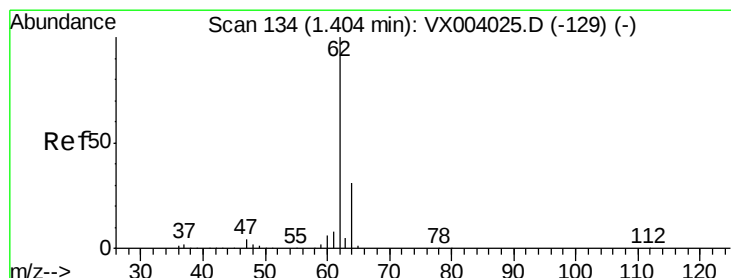
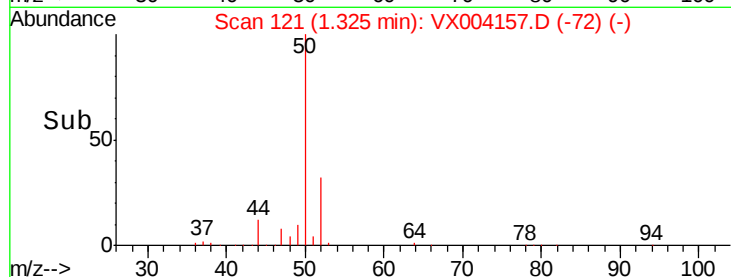


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 18.30 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004157.D

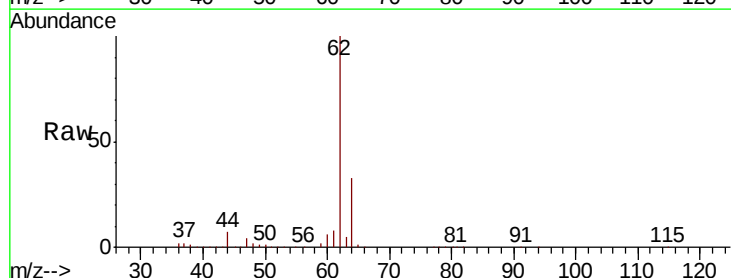
Acq: 20 Aug 2018 17:08

Tgt Ion: 62 Resp: 73040

Ion Ratio Lower Upper

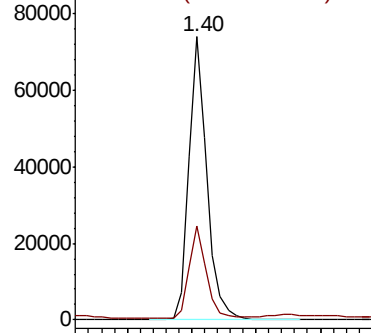
62 100

64 32.6 26.0 39.0

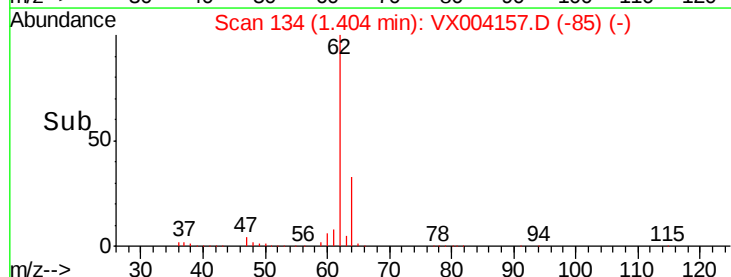


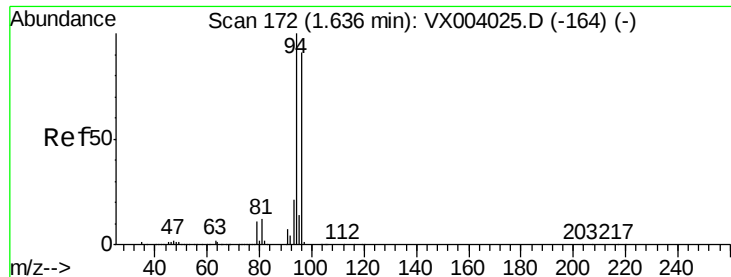
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 20.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

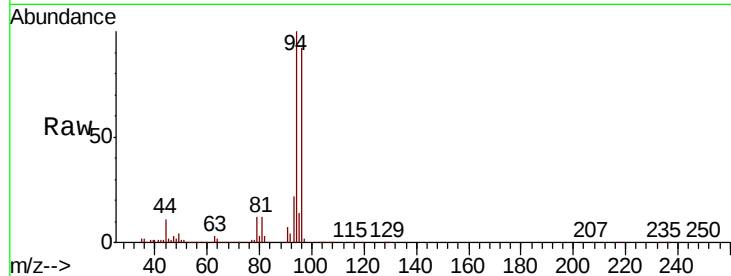
VX0820WBSD01

Tot Ion: 94 Resp: 41057

Ion Ratio Lower Upper

94 100

96 92.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

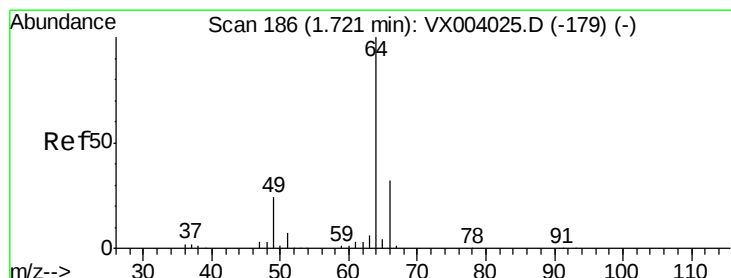
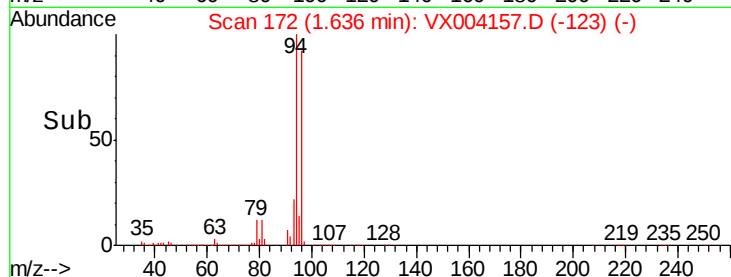
20000

10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 18.62 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004157.D

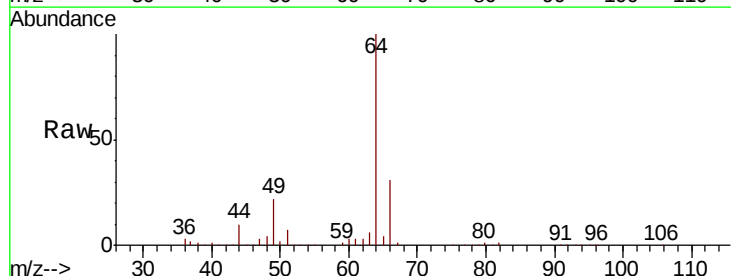
Acq: 20 Aug 2018 17:08

Tgt Ion: 64 Resp: 51810

Ion Ratio Lower Upper

64 100

66 31.2 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

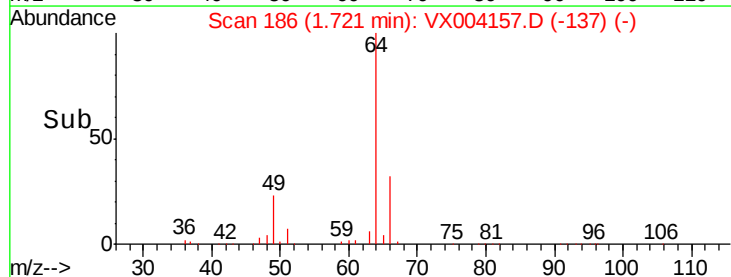
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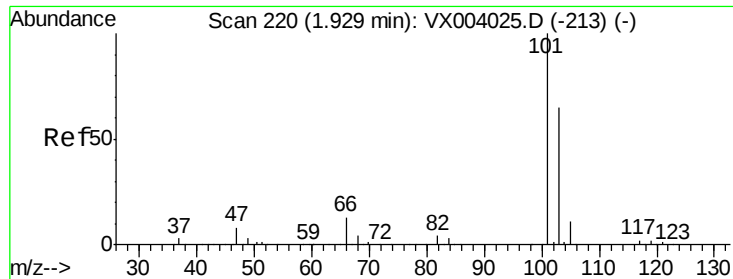
10000

0

1.65 1.70 1.75 1.80 1.85

Time-->





#7

Trichlorofluoromethane

Concen: 18.44 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

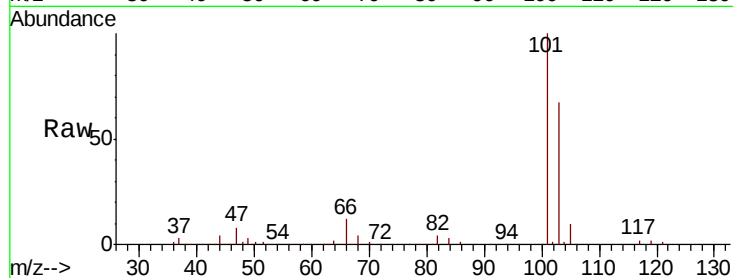
VX0820WBSD01

Tot Ion:101 Resp: 103253

Ion Ratio Lower Upper

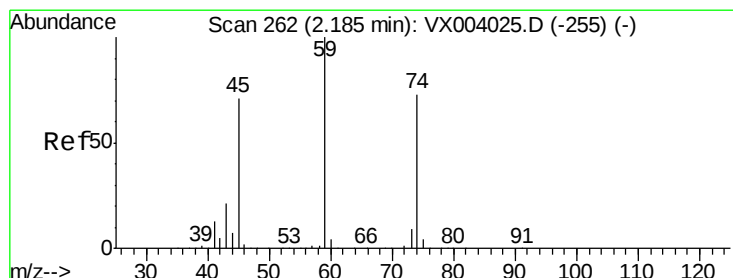
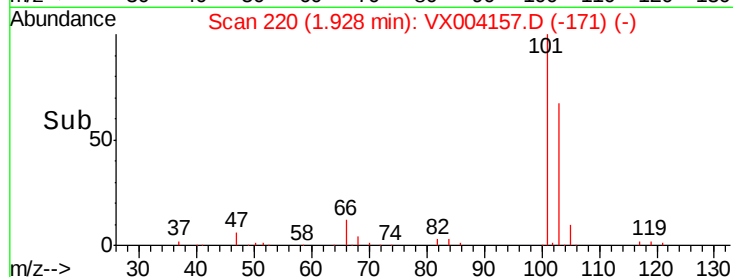
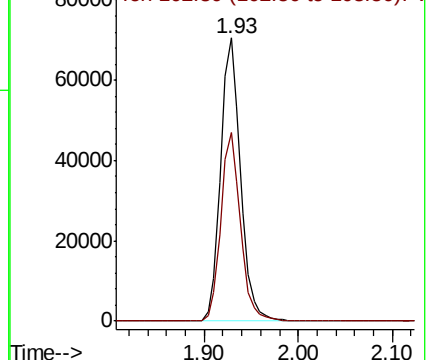
101 100

103 66.8 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.30 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.01 min

Lab File: VX004157.D

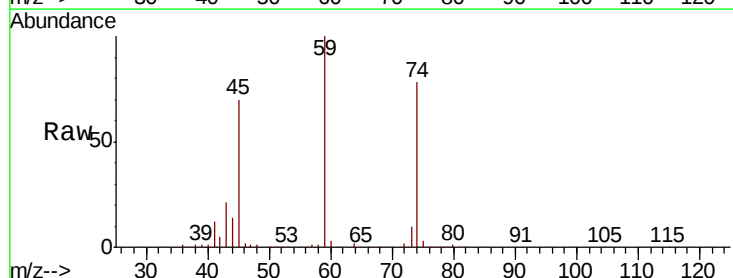
Acq: 20 Aug 2018 17:08

Tgt Ion: 74 Resp: 47180

Ion Ratio Lower Upper

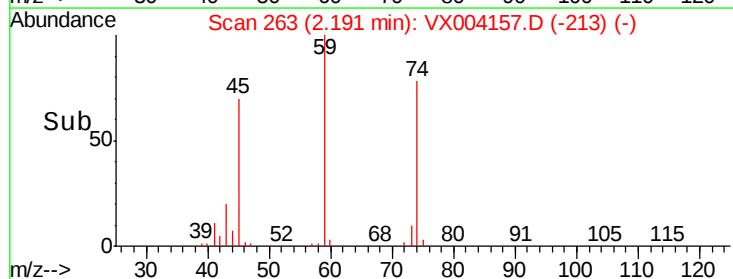
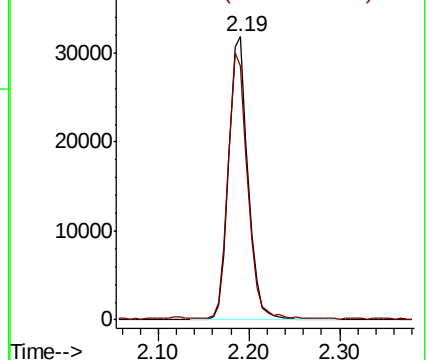
74 100

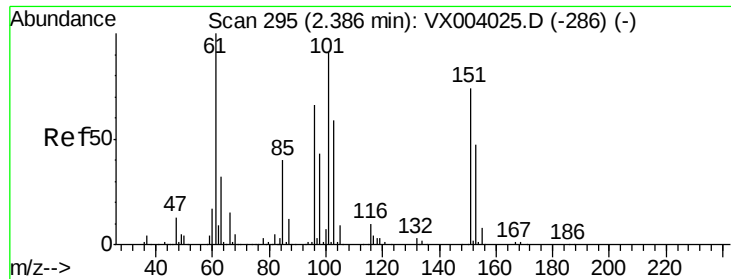
45 93.8 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.57 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX004157.D

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ClientSampleId :

VX0820WBSD01

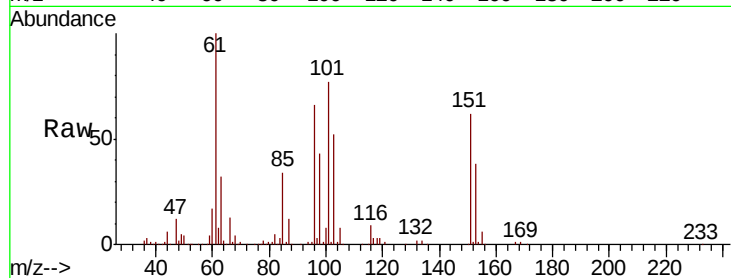
Tot Ion:101 Resp: 64869

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

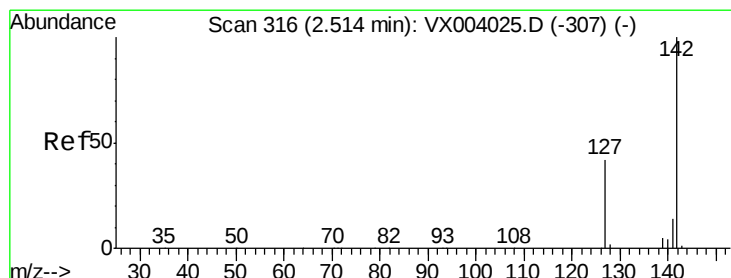
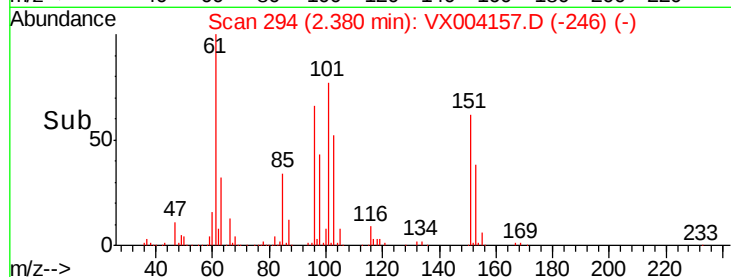
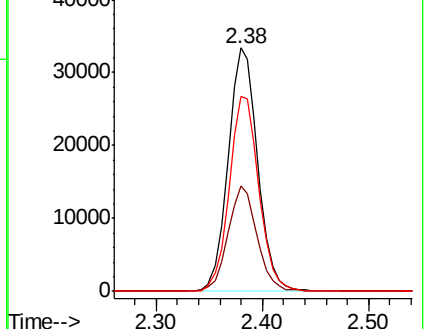
151 80.3 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.27 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

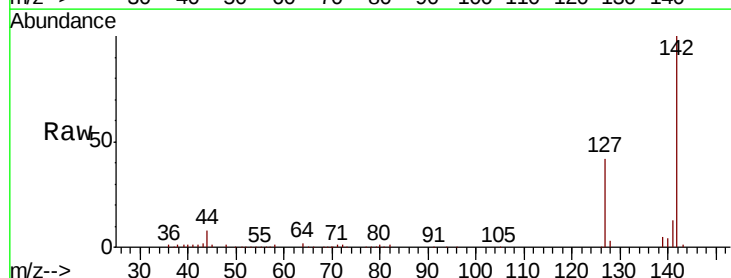
Tgt Ion:142 Resp: 54960

Ion Ratio Lower Upper

142 100

127 42.2 33.1 49.7

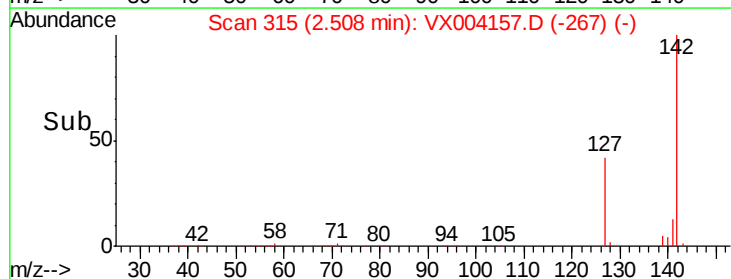
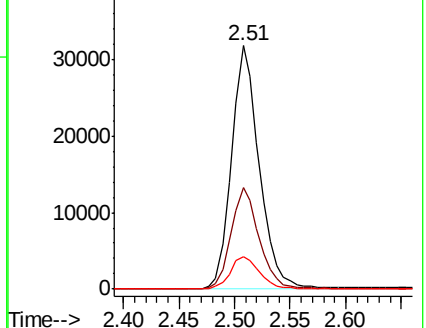
141 14.0 11.1 16.7

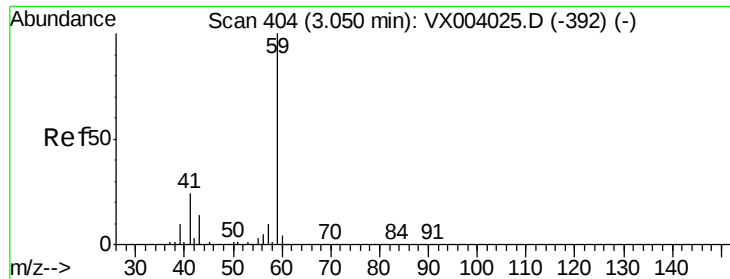


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



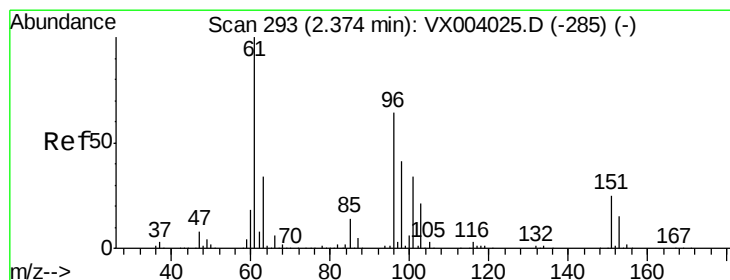
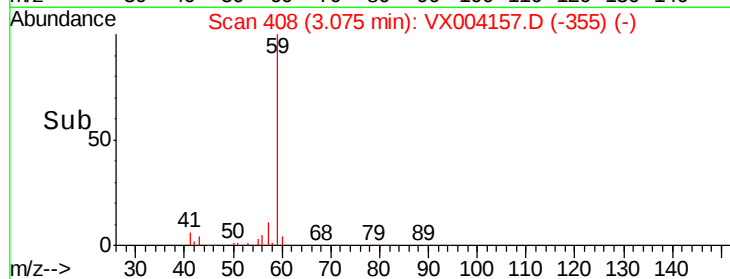
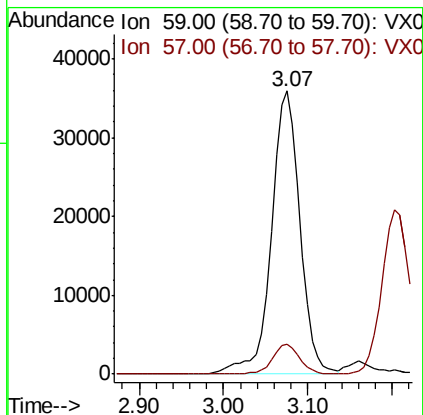
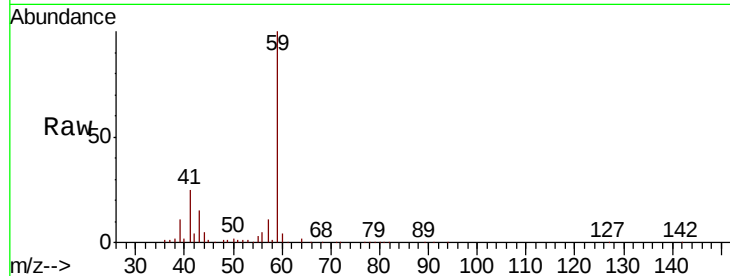


#11

Tert butyl alcohol
 Concen: 96.60 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.02 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

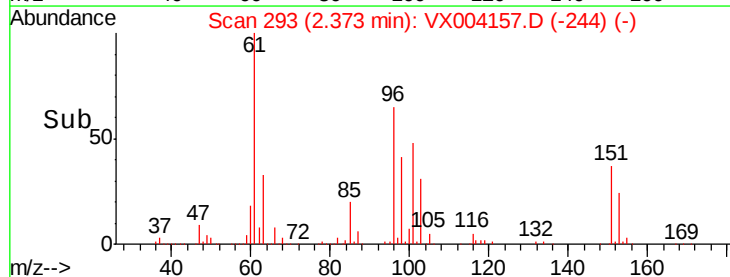
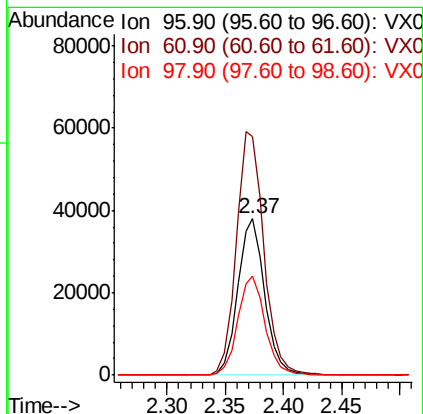
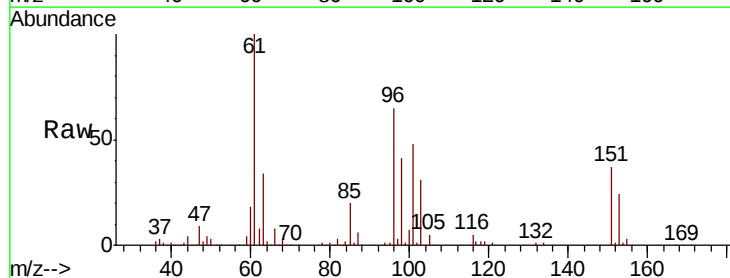
Tot Ion: 59 Resp: 84645
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1

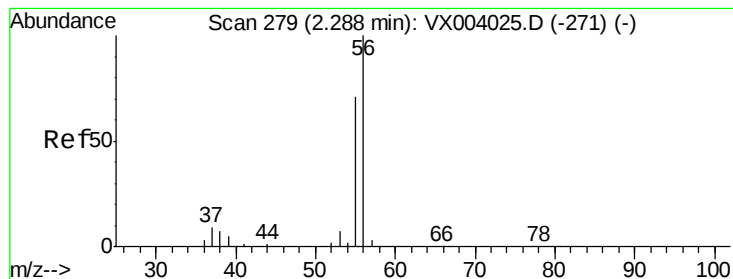


#12

1,1-Dichloroethene
 Concen: 18.86 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion: 96 Resp: 61274
 Ion Ratio Lower Upper
 96 100
 61 153.0 131.3 196.9
 98 63.2 51.8 77.6





#13

Acrolein

Concen: 111.04 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

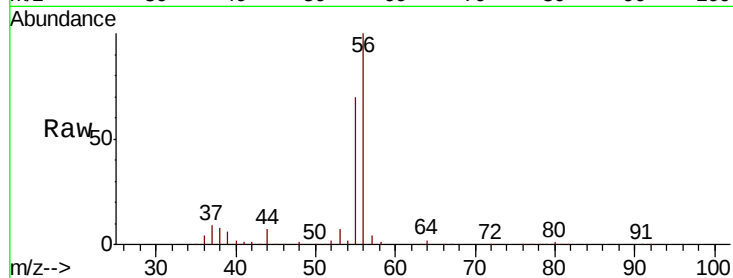
VX0820WBSD01

Tot Ion: 56 Resp: 62227

Ion Ratio Lower Upper

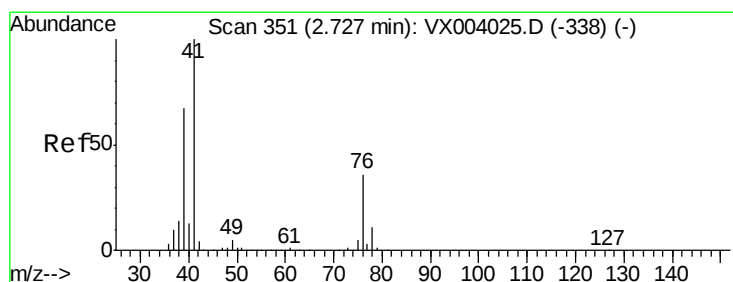
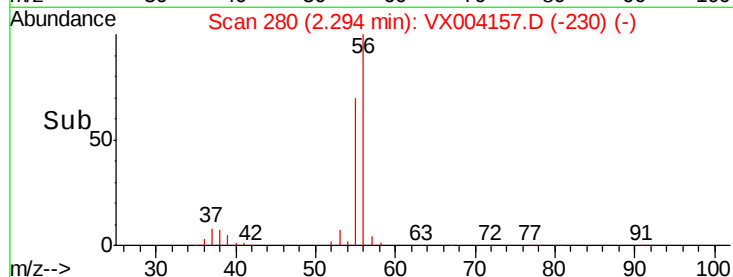
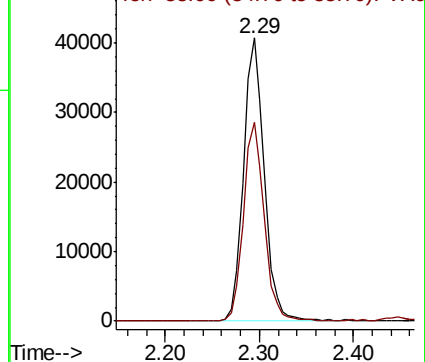
56 100

55 69.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.61 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

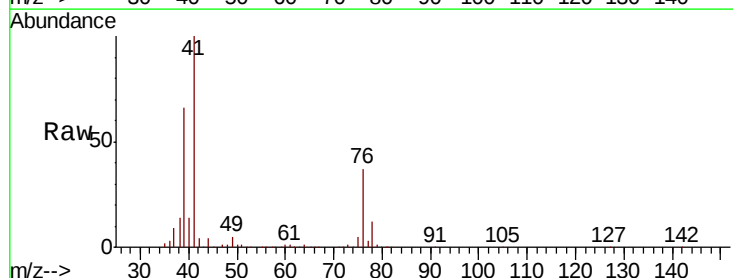
Tgt Ion: 41 Resp: 115032

Ion Ratio Lower Upper

41 100

39 59.9 47.4 71.0

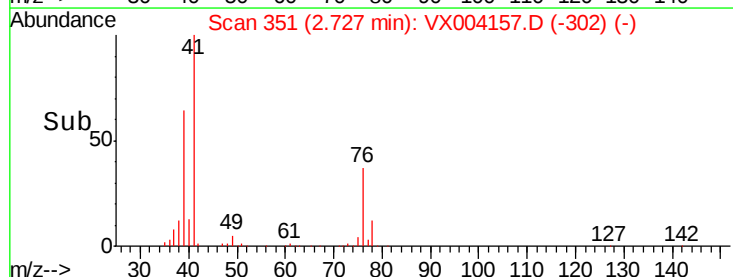
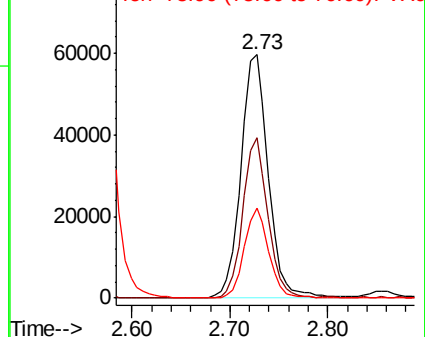
76 33.3 26.0 39.0

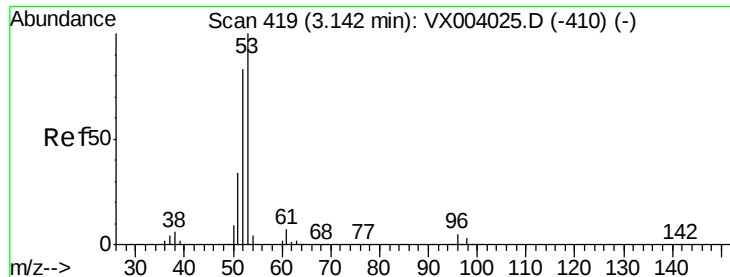


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.02 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

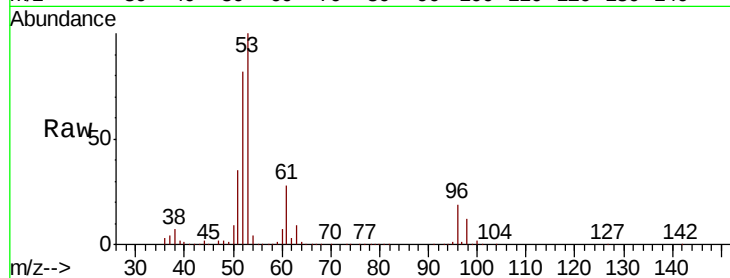
Tot Ion: 53 Resp: 207594

Ion Ratio Lower Upper

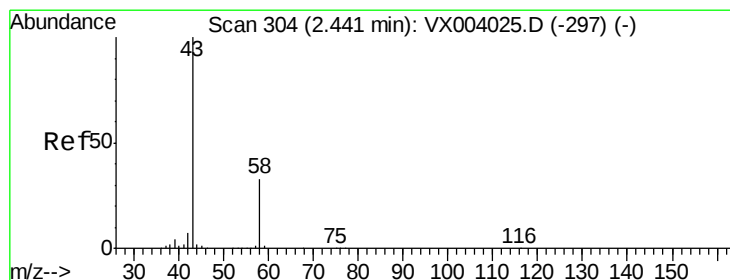
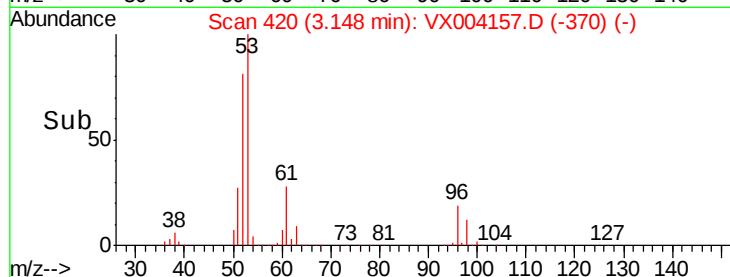
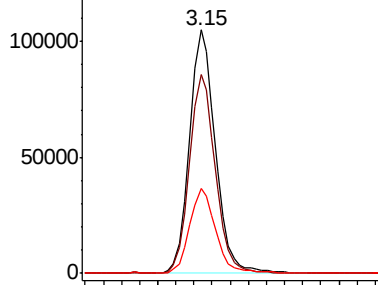
53 100

52 81.8 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: 93.57 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004157.D

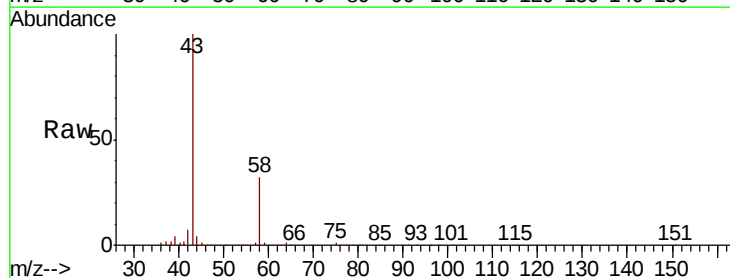
Acq: 20 Aug 2018 17:08

Tgt Ion: 43 Resp: 211684

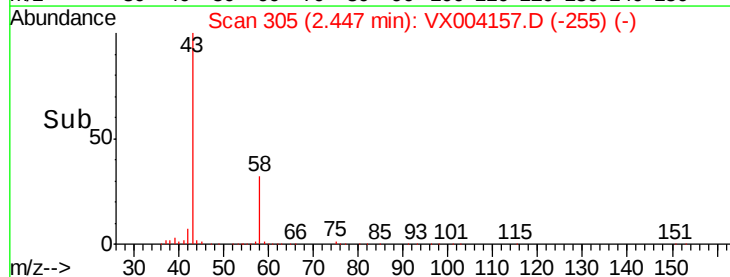
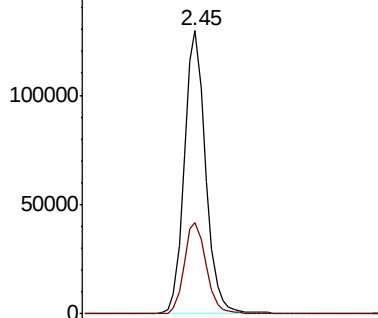
Ion Ratio Lower Upper

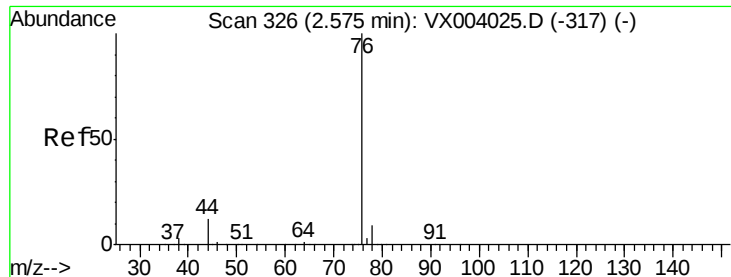
43 100

58 32.4 26.4 39.6



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

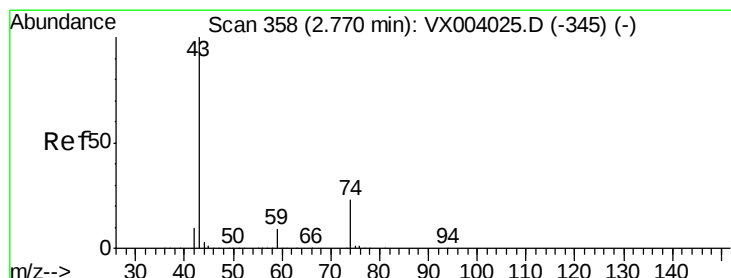
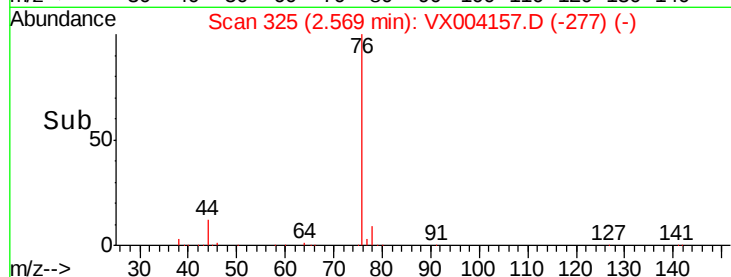
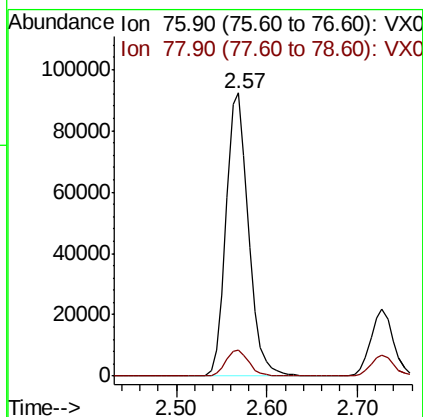
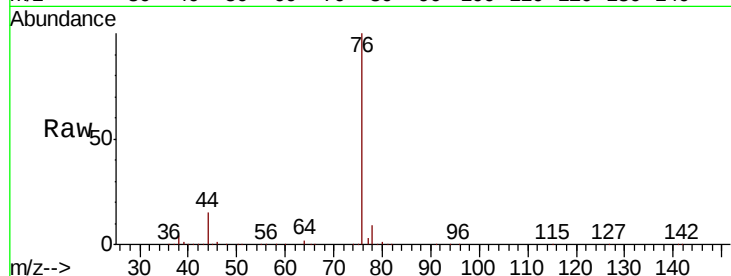




#17
Carbon Disulfide
Concen: 17.19 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

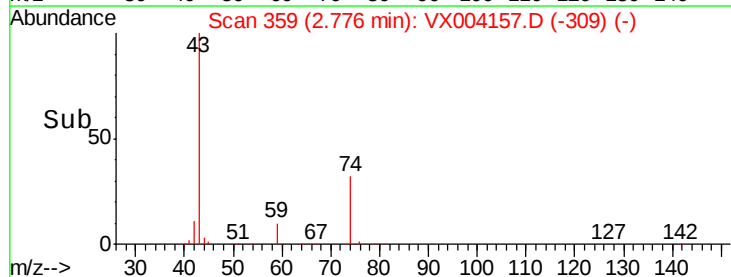
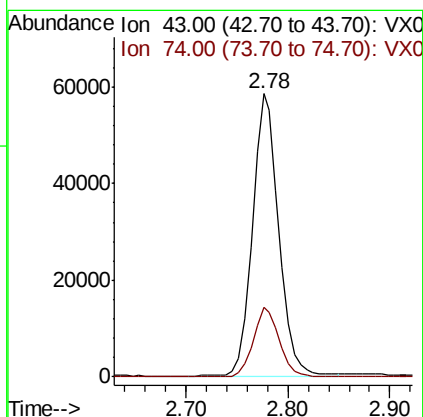
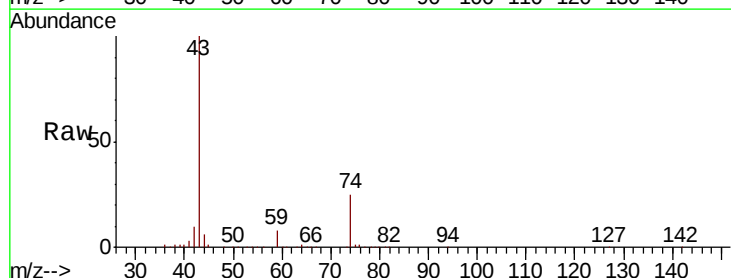
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

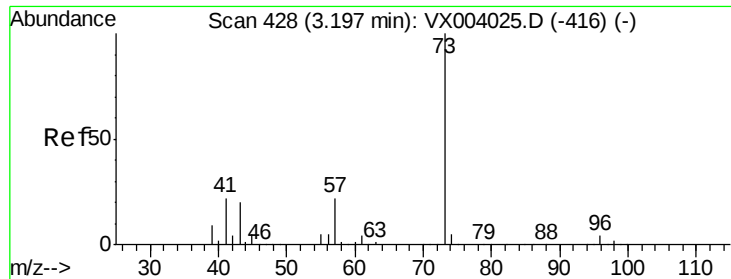
Tot Ion: 76 Resp: 158425
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 20.75 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Tgt Ion: 43 Resp: 104306
Ion Ratio Lower Upper
43 100
74 24.6 18.9 28.3

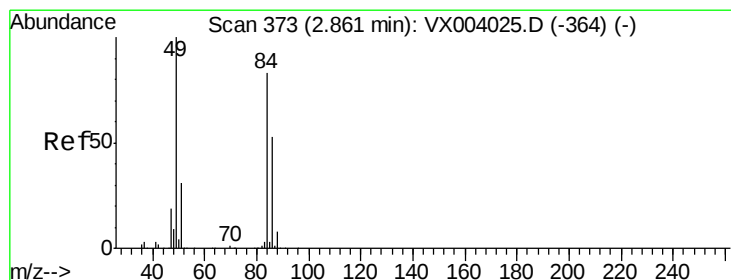
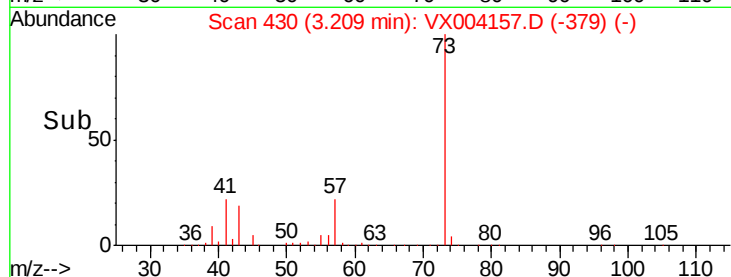
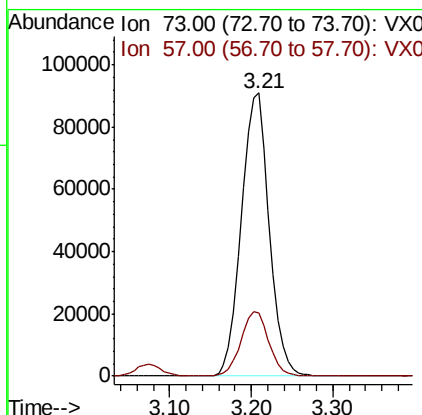
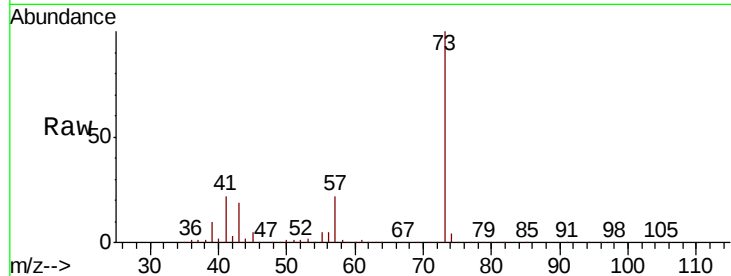




#19
Methvl tert-butvl Ether
Concen: 18.82 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.01 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

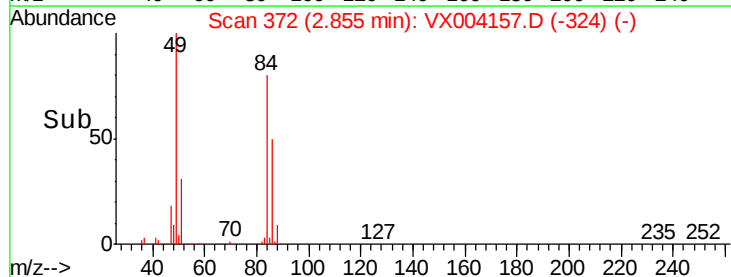
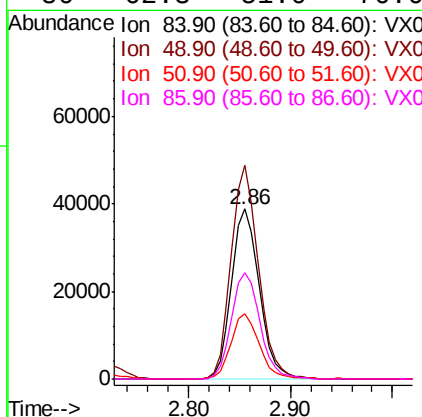
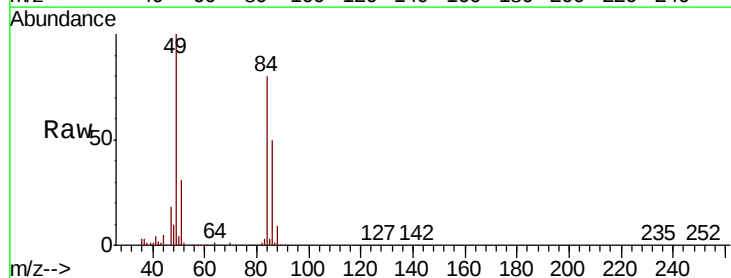
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

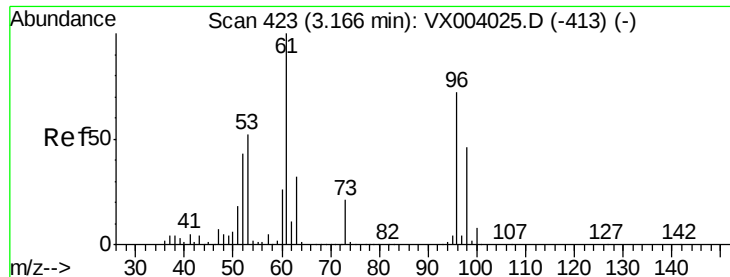
Tot Ion: 73 Resp: 215431
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 19.51 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Tgt Ion: 84 Resp: 73507
Ion Ratio Lower Upper
84 100
49 125.5 98.9 148.3
51 38.5 29.9 44.9
86 62.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.32 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

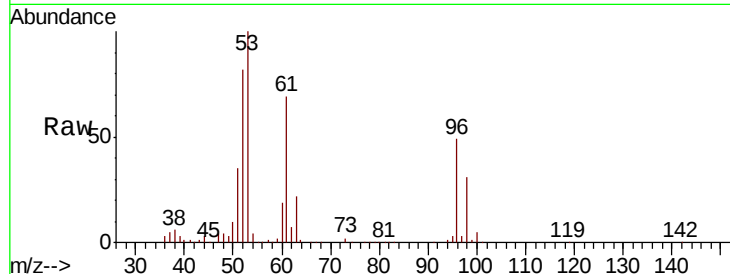
Tot Ion: 96 Resp: 67583

Ion Ratio Lower Upper

96 100

61 140.4 111.8 167.6

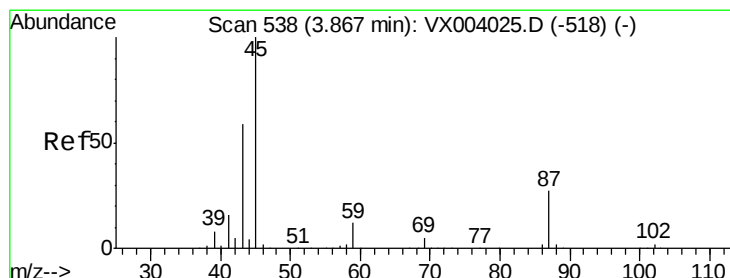
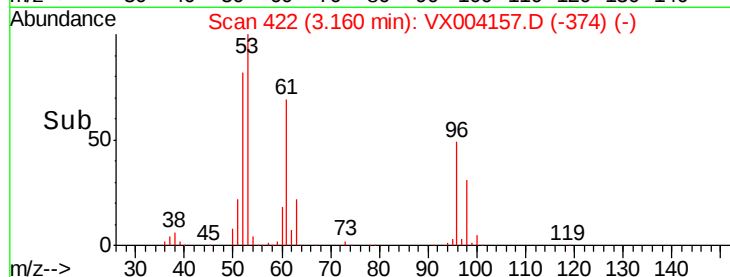
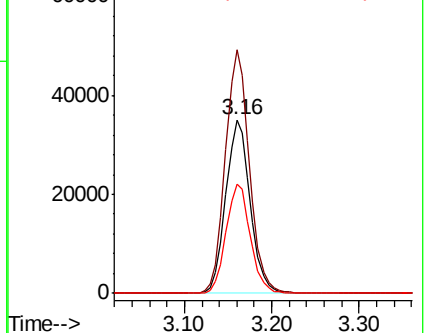
98 63.3 51.8 77.6



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: 17.97 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Tgt Ion: 45 Resp: 217696

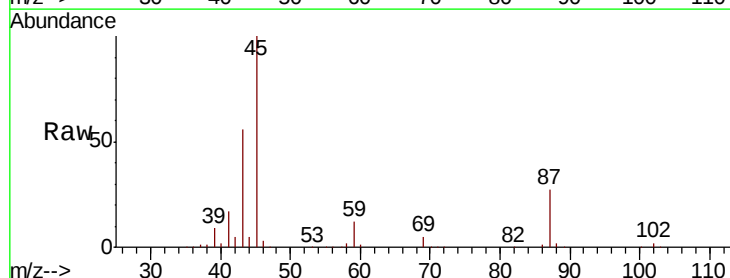
Ion Ratio Lower Upper

45 100

43 56.0 45.3 67.9

87 27.5 22.7 34.1

59 11.9 9.6 14.4

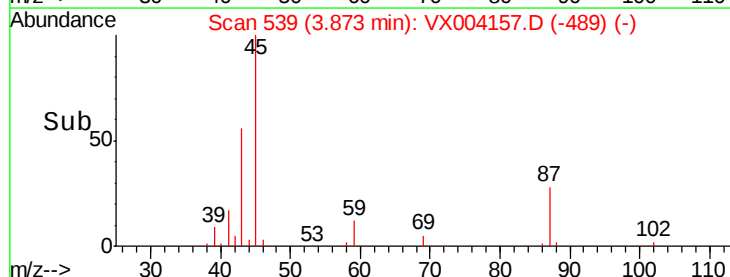
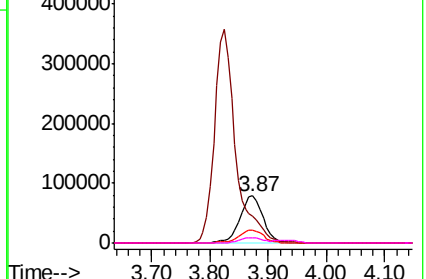


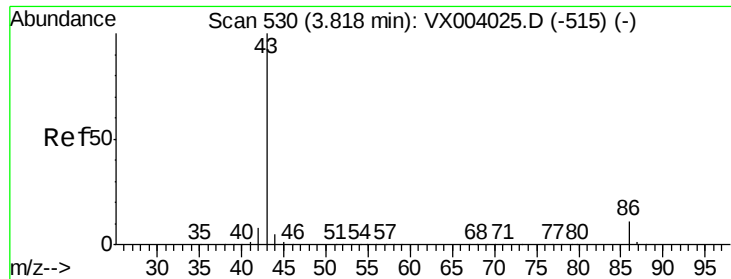
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 90.84 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

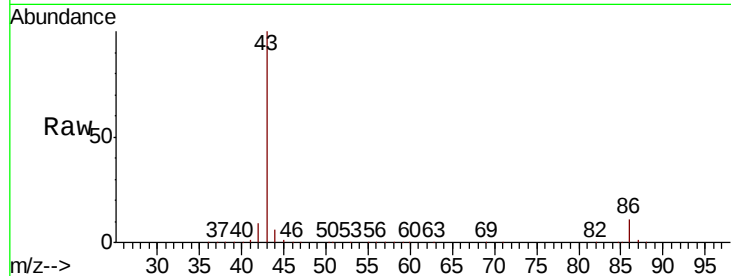
VX0820WBSD01

Tot Ion: 43 Resp: 903772

Ion Ratio Lower Upper

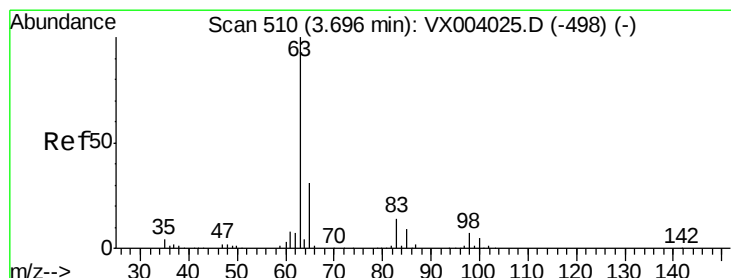
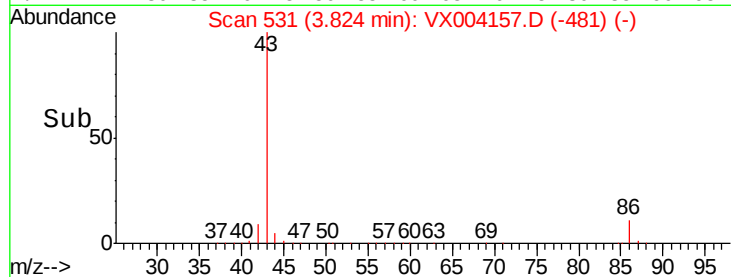
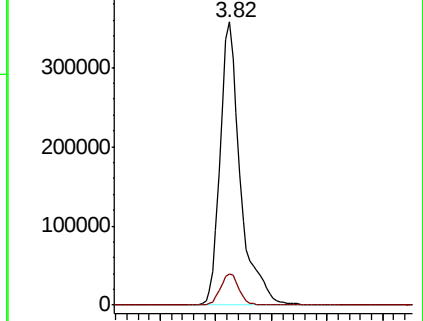
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.11 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

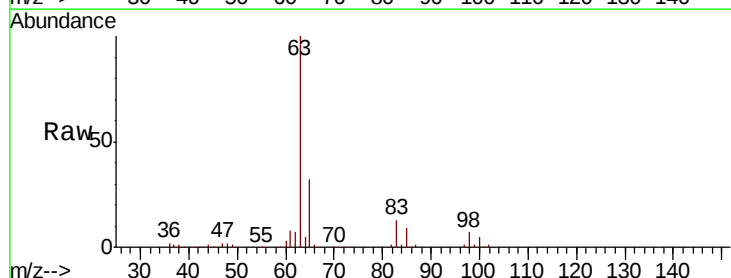
Tgt Ion: 63 Resp: 124223

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

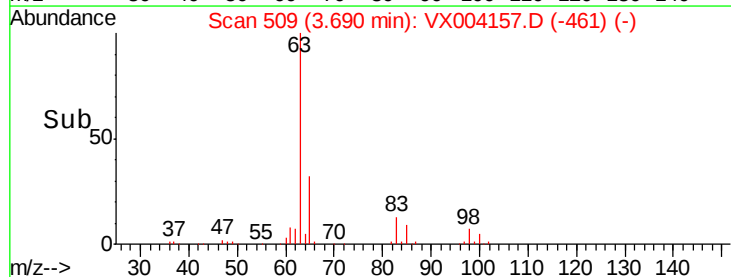
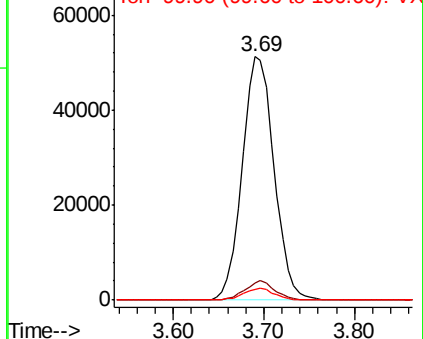
100 4.6 2.3 6.8

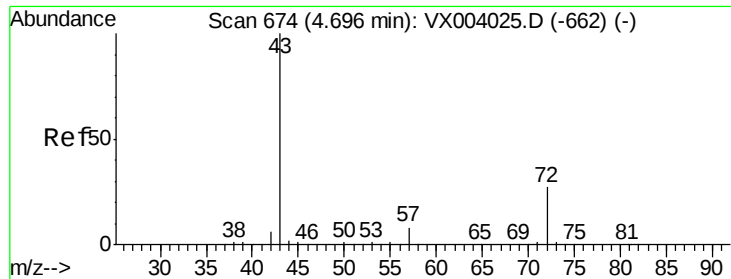


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

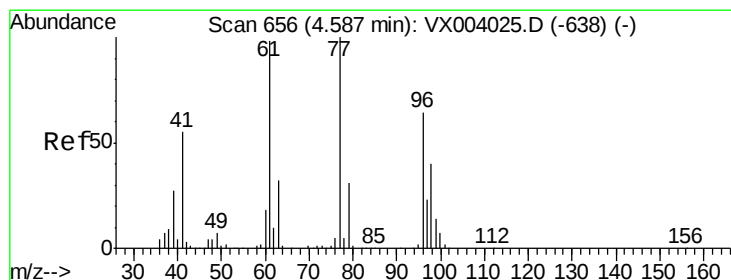
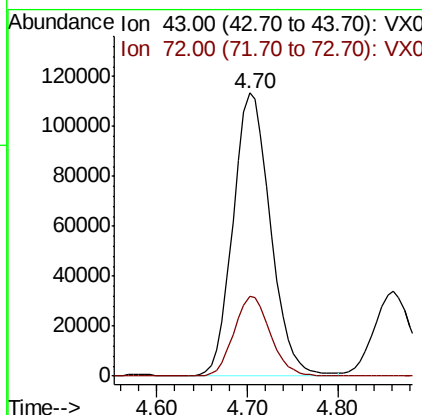
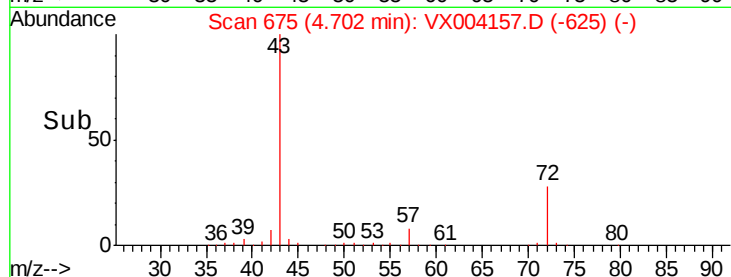
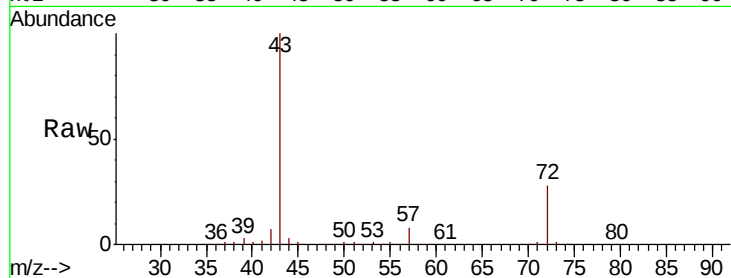




#25
 2-Butanone
 Concen: 88.04 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

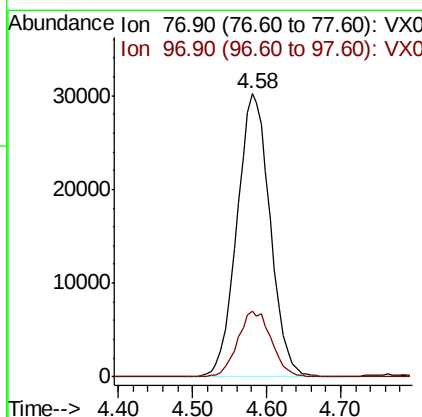
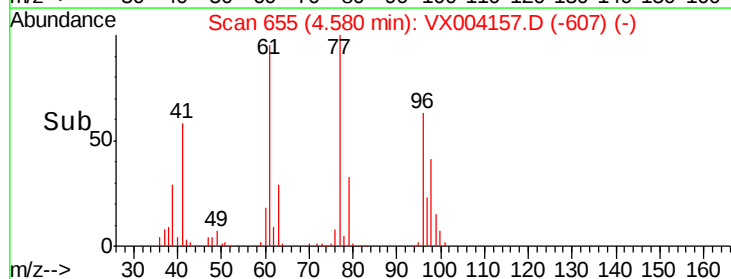
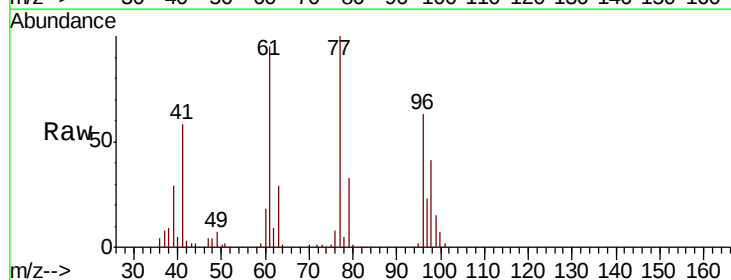
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

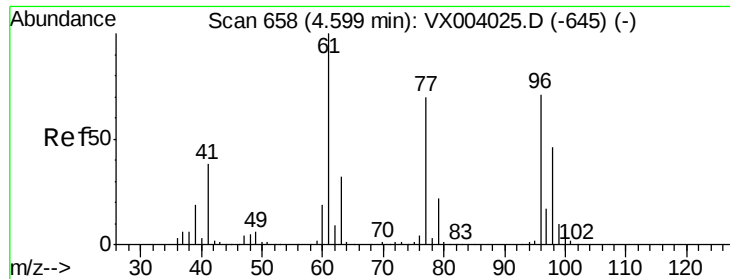
Tot Ion: 43 Resp: 324082
 Ion Ratio Lower Upper
 43 100
 72 28.1 21.4 32.0



#26
 2,2-Dichloropropane
 Concen: 17.22 ug/l
 RT: 4.58 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion: 77 Resp: 93934
 Ion Ratio Lower Upper
 77 100
 97 23.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 18.44 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

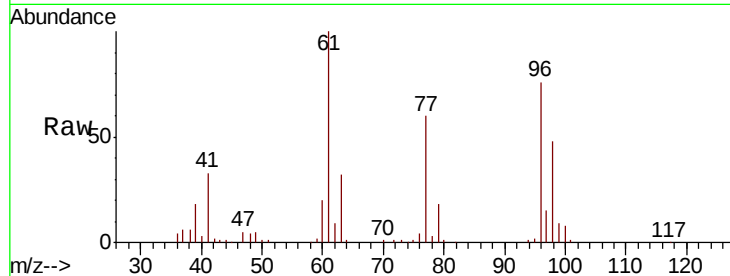
Tot Ion: 96 Resp: 76506

Ion Ratio Lower Upper

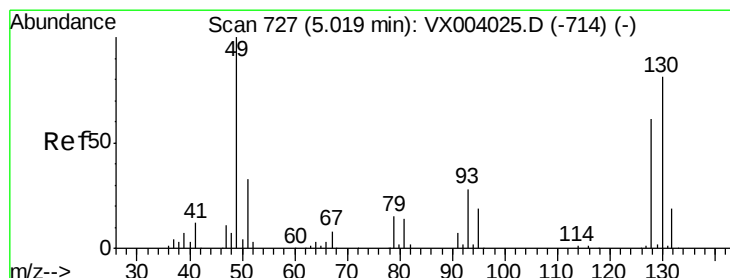
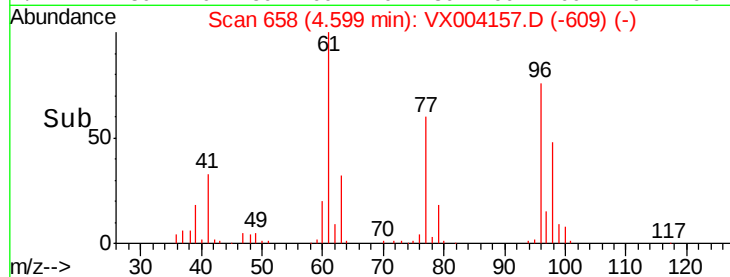
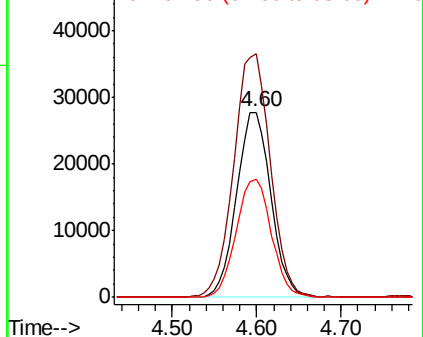
96 100

61 140.6 0.0 293.0

98 65.5 0.0 131.8



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



#28

Bromochloromethane

Concen: 20.32 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

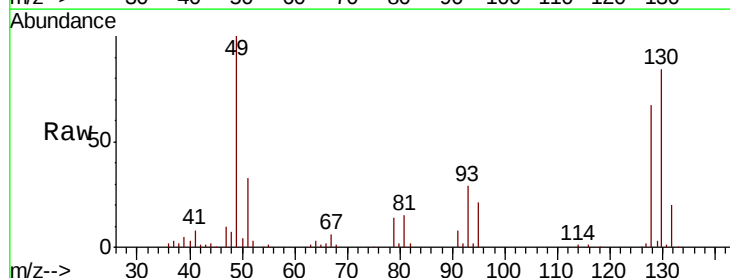
Tgt Ion: 49 Resp: 63972

Ion Ratio Lower Upper

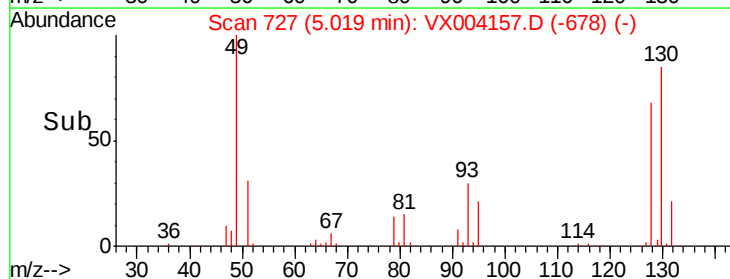
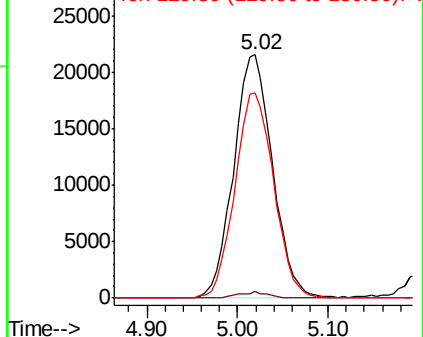
49 100

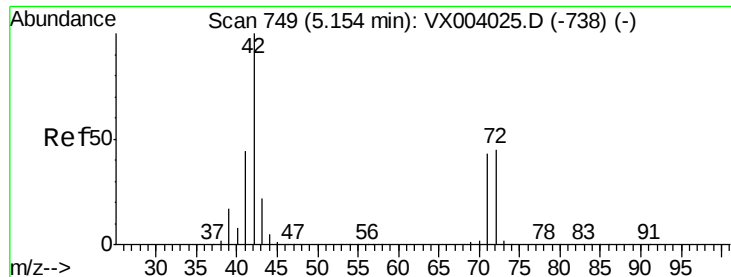
129 2.1 0.0 4.2

130 84.4 66.5 99.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 86.81 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

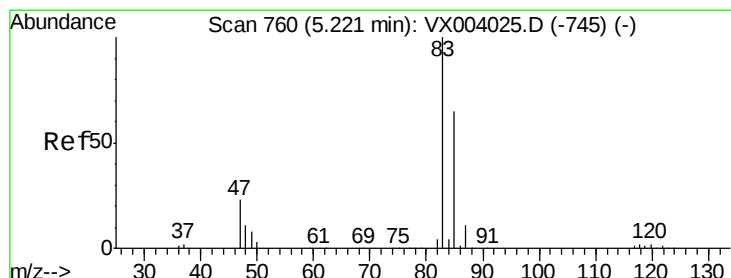
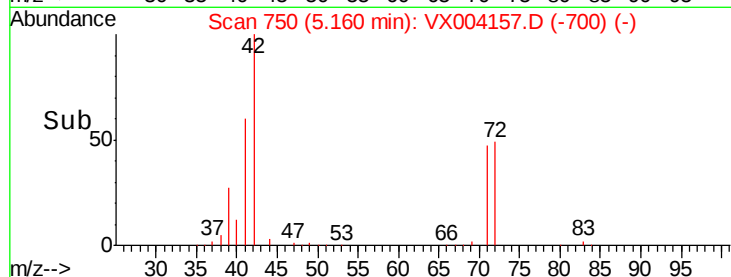
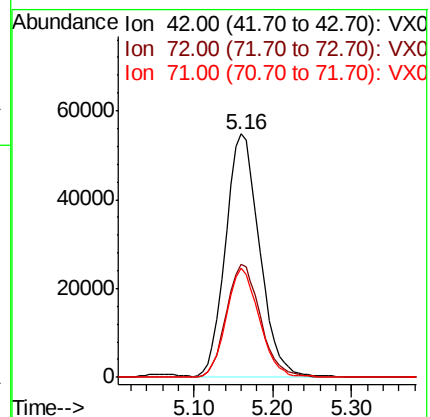
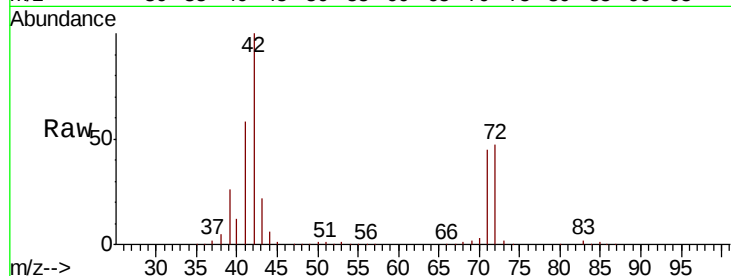
Tot Ion: 42 Resp: 163265

Ion Ratio Lower Upper

42 100

72 47.1 37.7 56.5

71 44.1 35.0 52.6



#30

Chloroform

Concen: 19.26 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004157.D

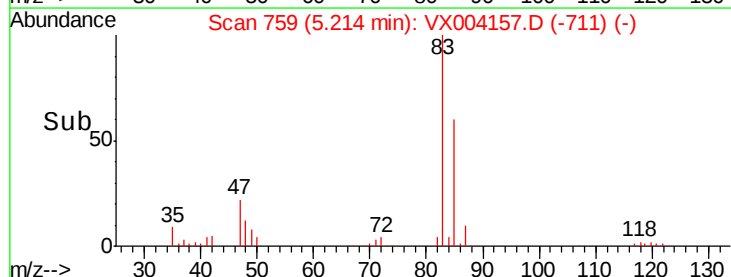
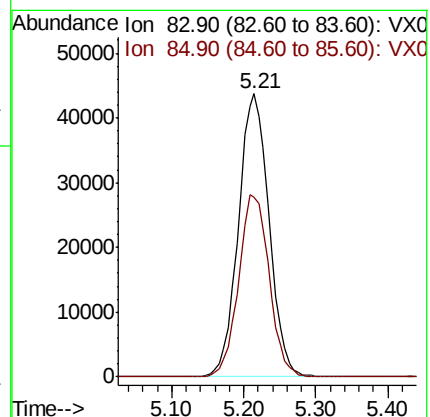
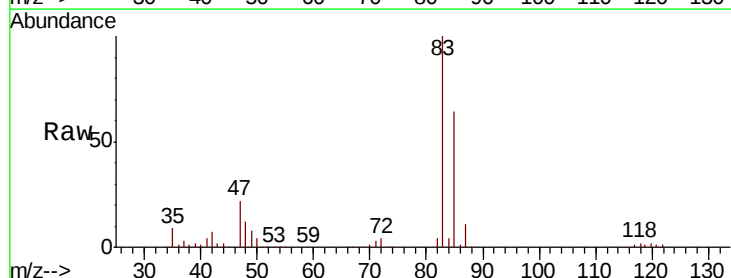
Acq: 20 Aug 2018 17:08

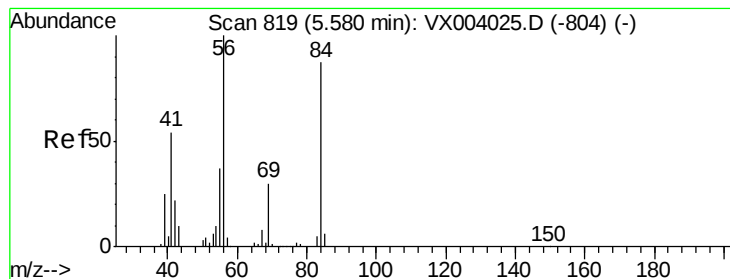
Tgt Ion: 83 Resp: 128995

Ion Ratio Lower Upper

83 100

85 63.6 50.7 76.1





#31

Cyclohexane

Concen: 17.19 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

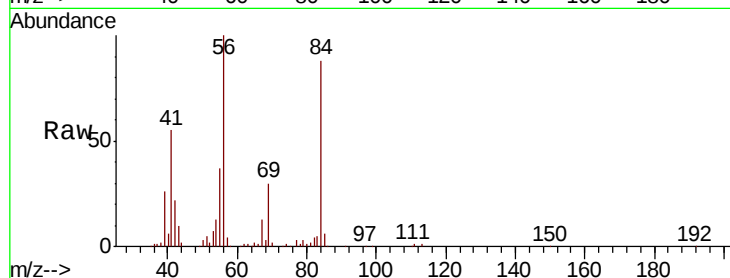
Tot Ion: 56 Resp: 103404

Ion Ratio Lower Upper

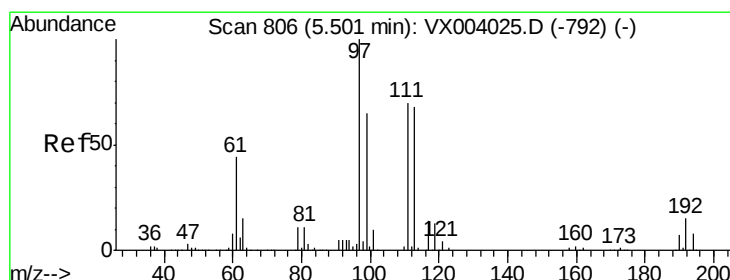
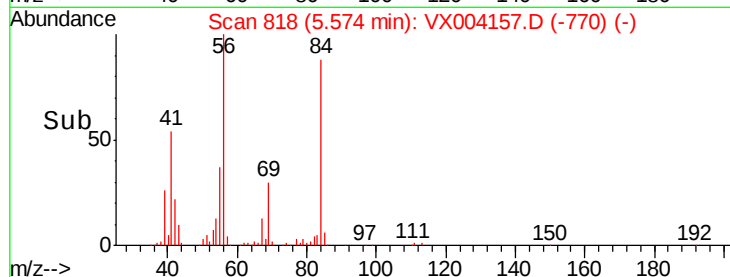
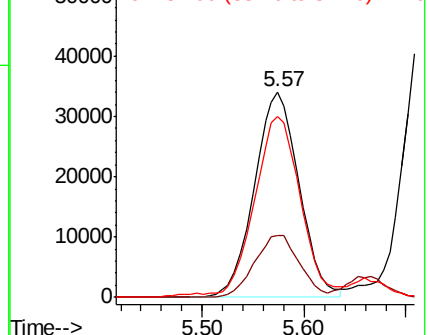
56 100

69 30.1 24.9 37.3

84 86.4 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: 18.80 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

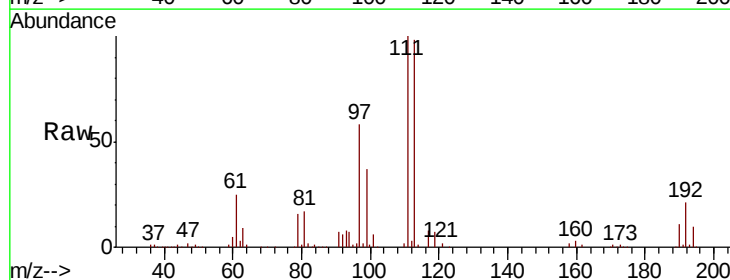
Tgt Ion: 97 Resp: 105190

Ion Ratio Lower Upper

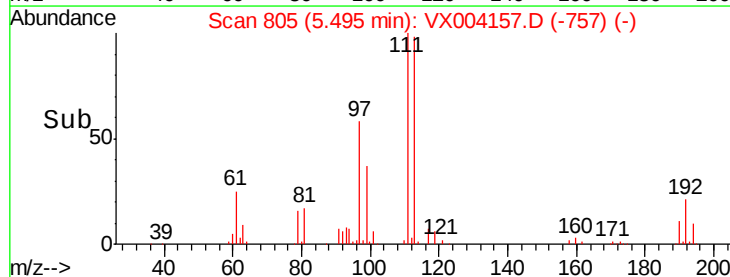
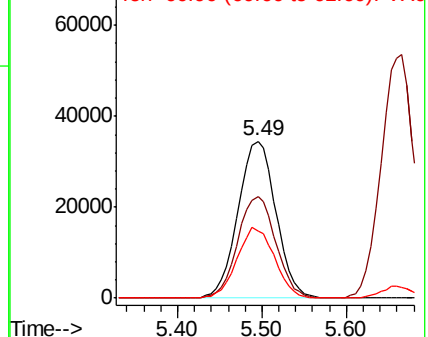
97 100

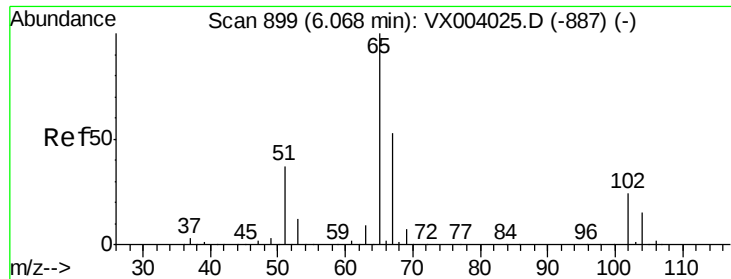
99 65.0 51.8 77.8

61 44.7 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

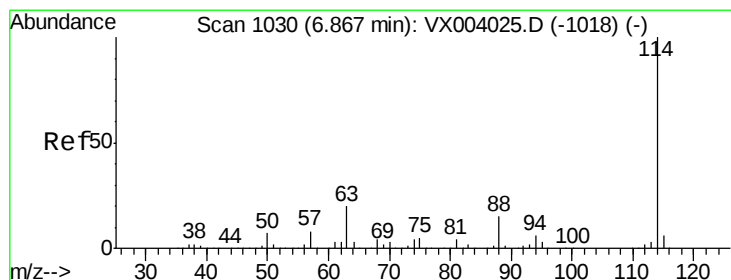
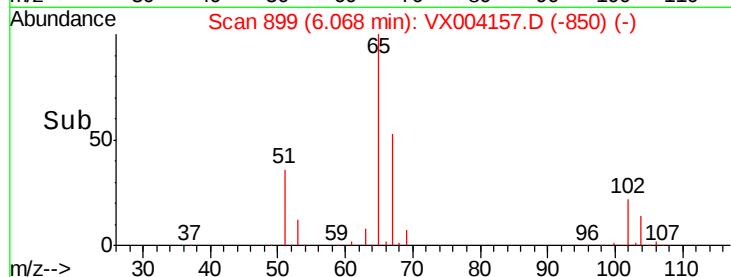
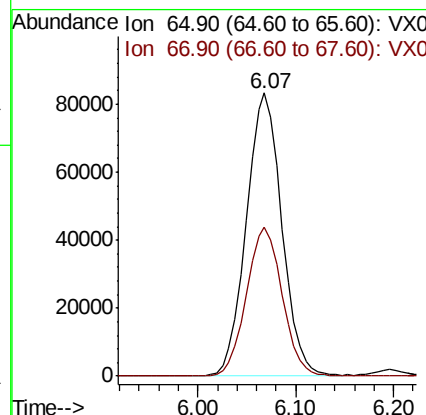
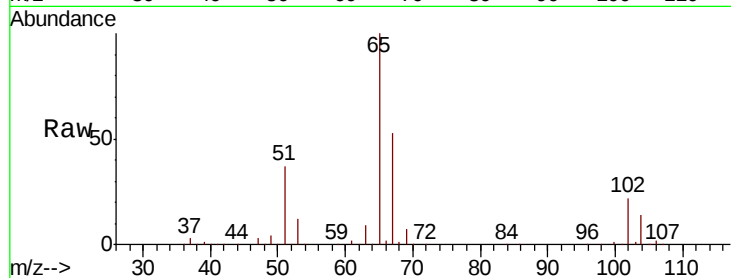




#33
 1,2-Dichloroethane-d4
 Concen: 48.33 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

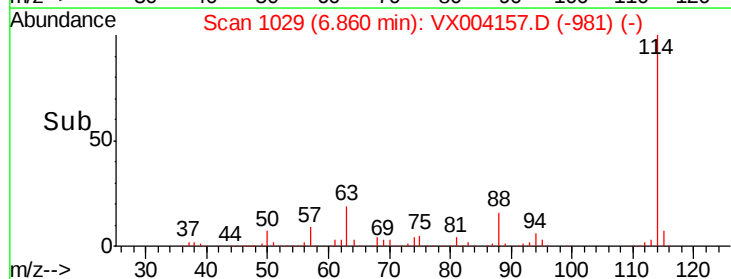
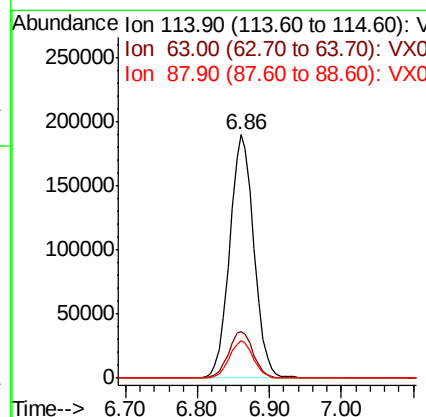
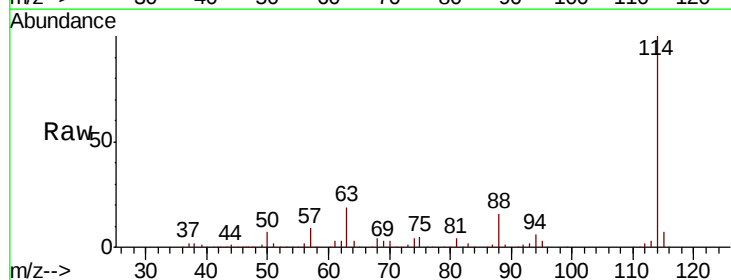
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

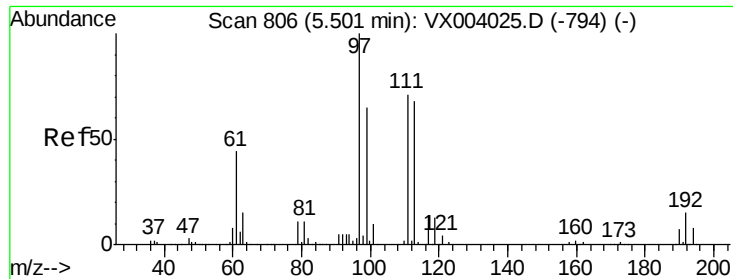
Tot Ion: 65 Resp: 210309
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion: 114 Resp: 443701
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.5 0.0 32.0

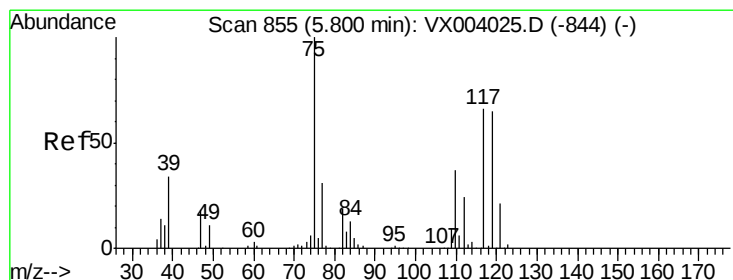
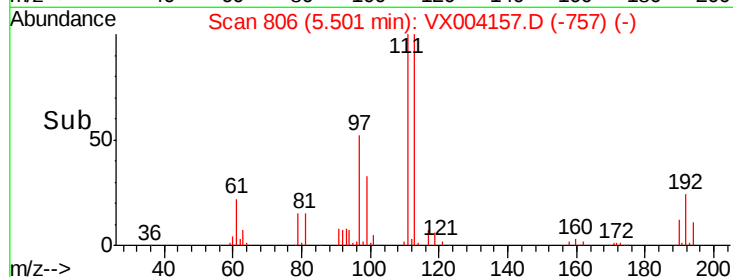
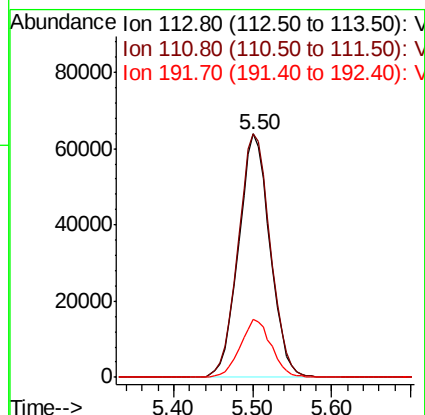
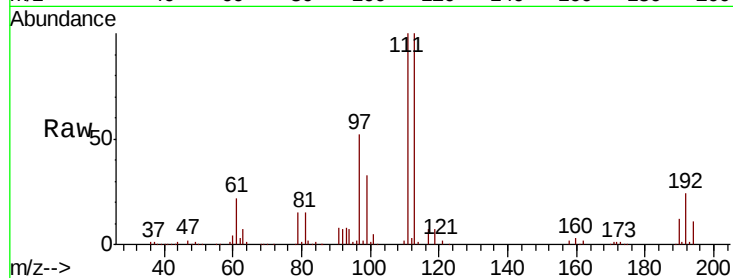




#35
 Dibromofluoromethane
 Concen: 53.10 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

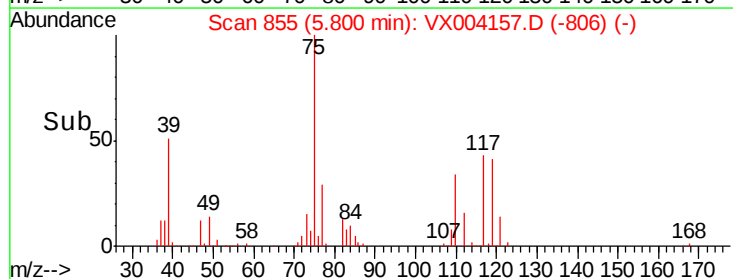
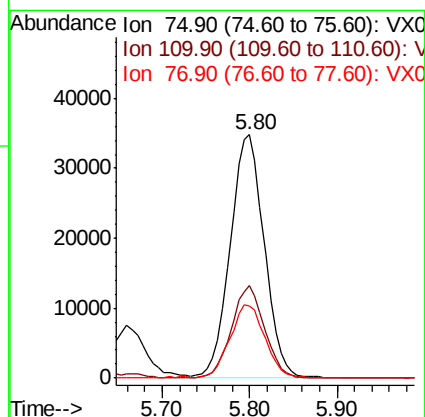
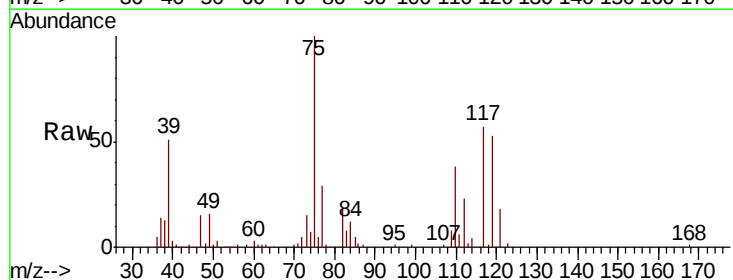
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

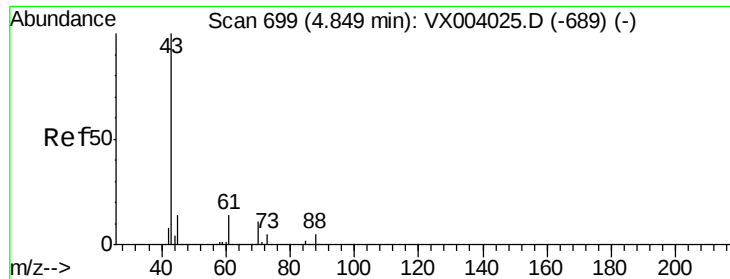
Tot Ion:113 Resp: 176317
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 23.5 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 18.55 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion: 75 Resp: 93677
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.2 54.6
 77 31.1 25.0 37.4

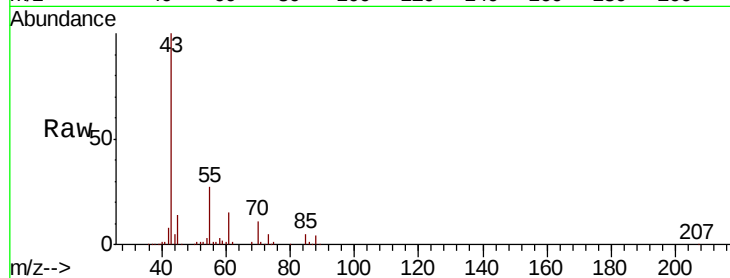




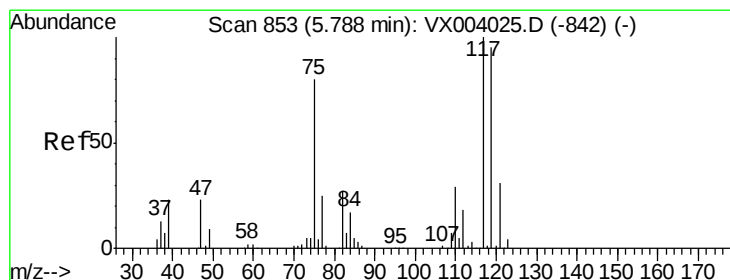
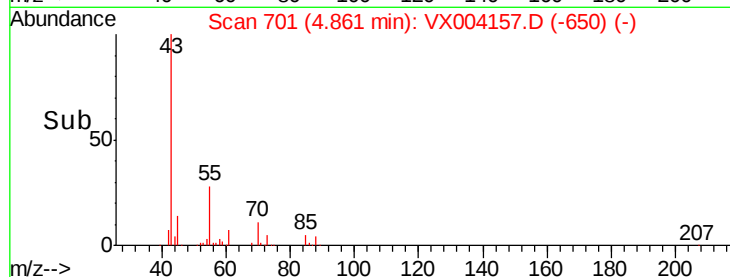
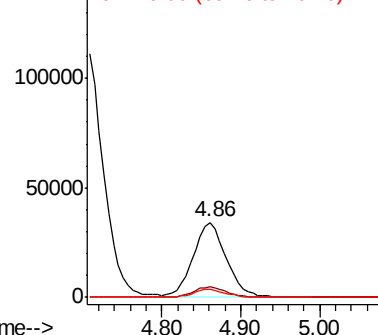
#37
Ethyl Acetate
Concen: 17.91 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.01 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Instrument :
MSVOA_X
ClientSampled :
VX0820WBSD01

Tot Ion: 43 Resp: 98470
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 11.2 9.0 13.4

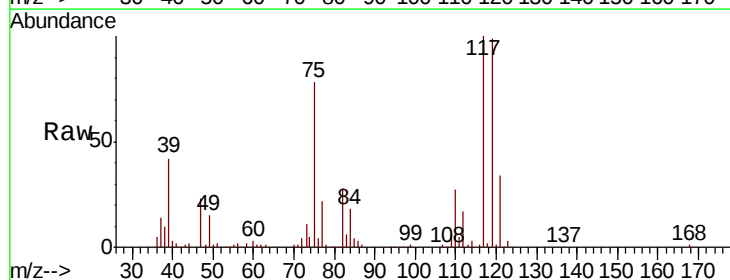


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

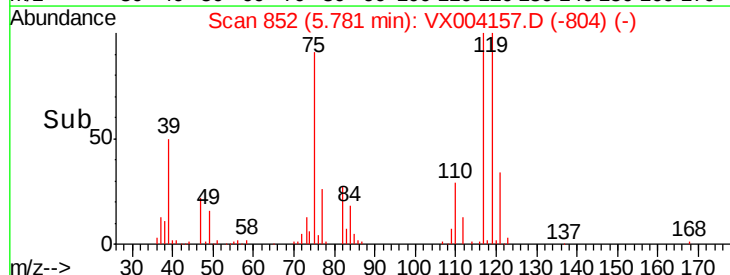
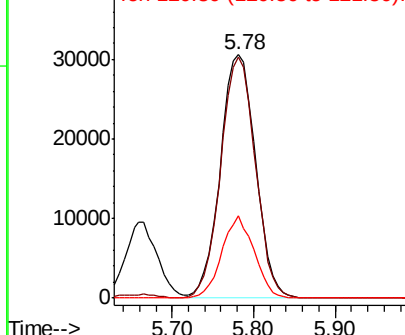


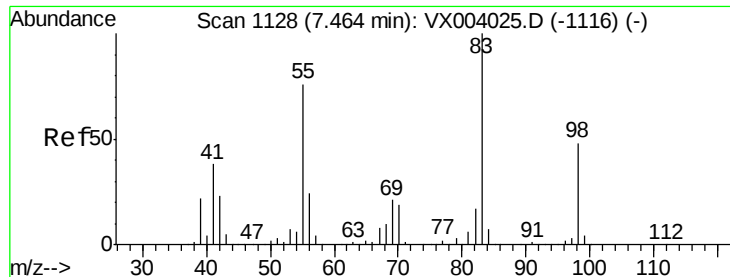
#38
Carbon Tetrachloride
Concen: 18.65 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Tgt Ion: 117 Resp: 91500
Ion Ratio Lower Upper
117 100
119 99.1 79.5 119.3
121 34.0 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

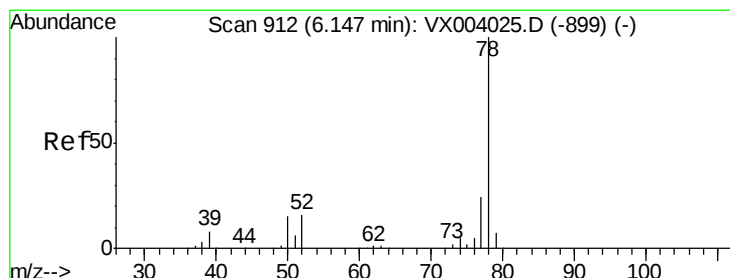
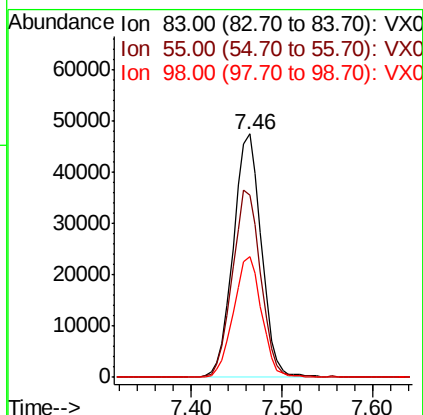
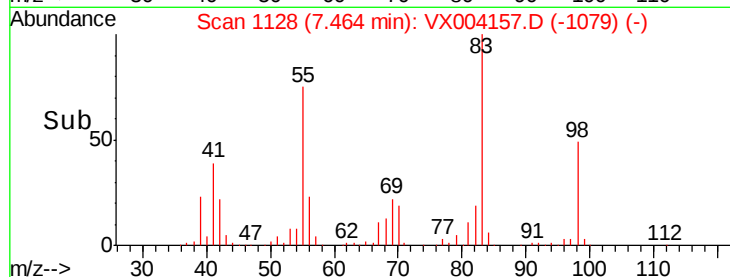
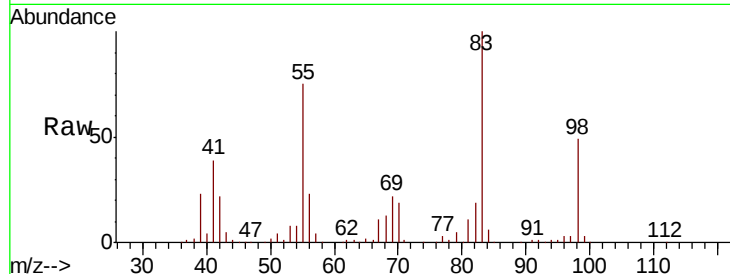




#39
Methvlcvclohexane
Concen: 17.85 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

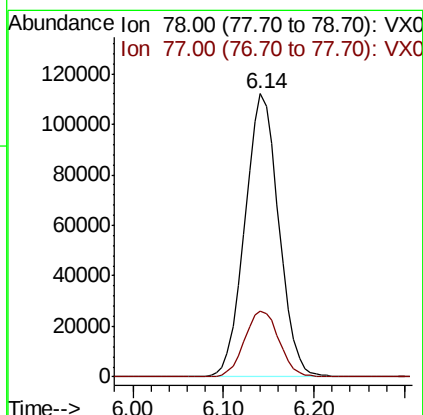
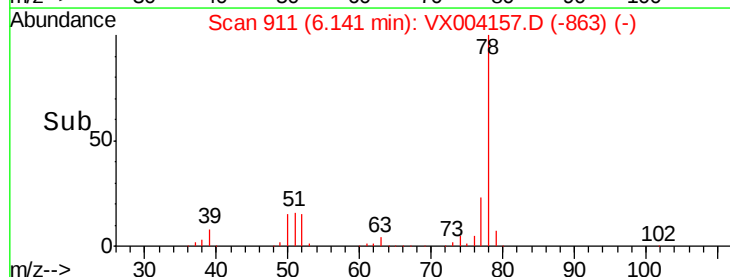
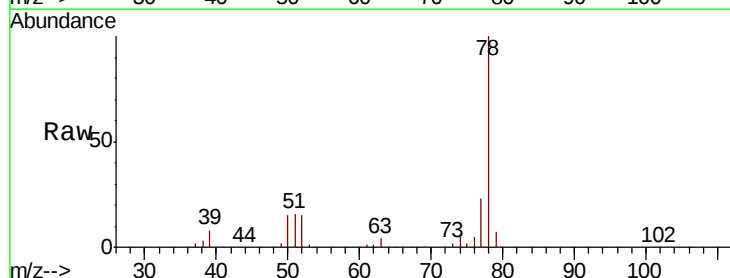
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

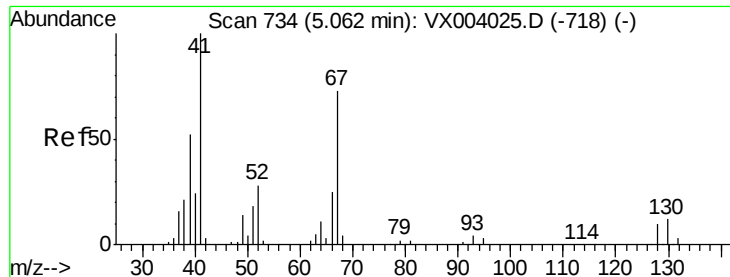
Tot Ion: 83 Resp: 102240
Ion Ratio Lower Upper
83 100
55 74.8 61.0 91.6
98 49.5 38.6 57.8



#40
Benzene
Concen: 19.11 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Tgt Ion: 78 Resp: 289659
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

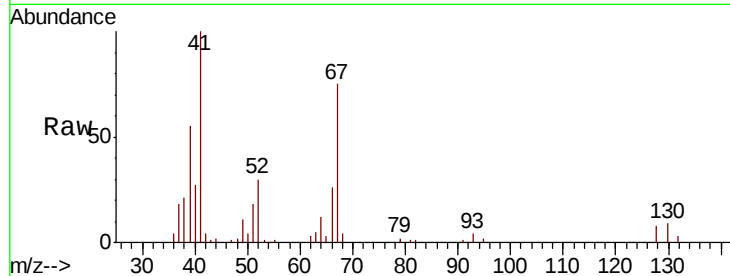




#41
Methacrylonitrile
Concen: 17.61 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion:	41	Resp:	54212
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.7	64.1
67	74.9	58.9	88.3
52	29.4	22.6	33.8



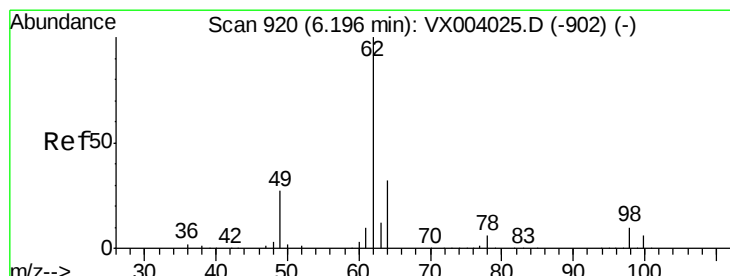
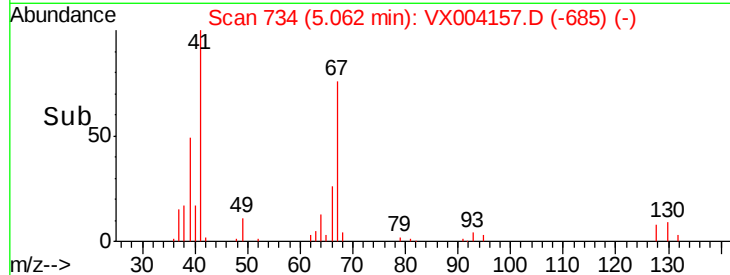
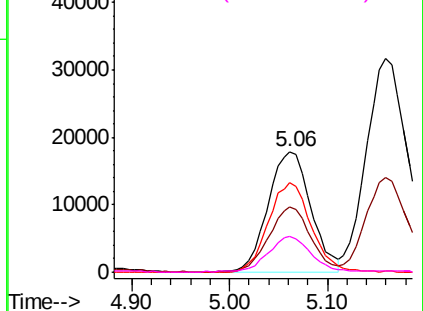
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

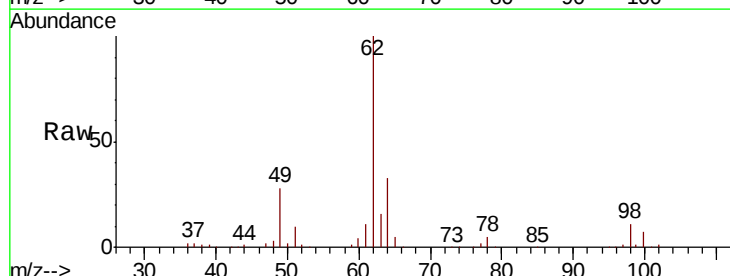
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.09 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

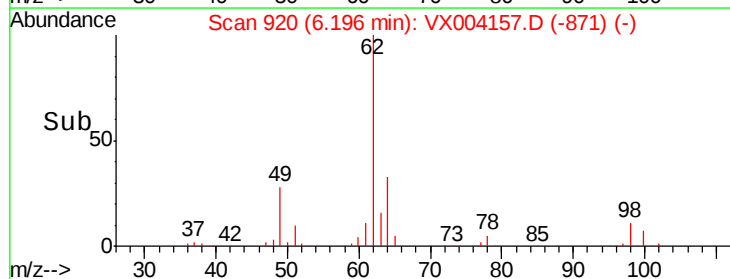
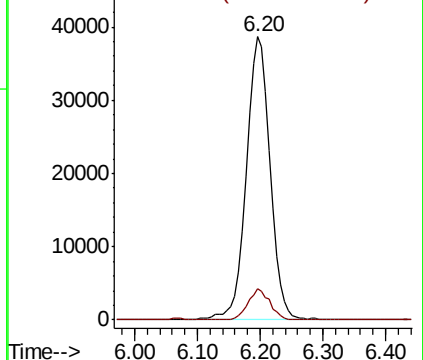
Tgt Ion:	62	Resp:	101312
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4

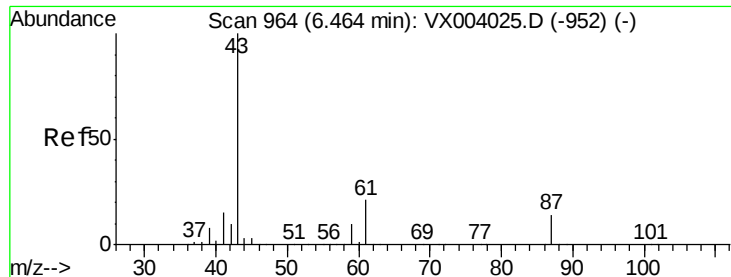


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.05 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

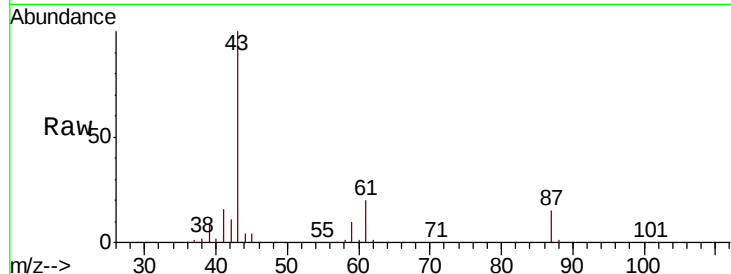
Tot Ion: 43 Resp: 146274

Ion Ratio Lower Upper

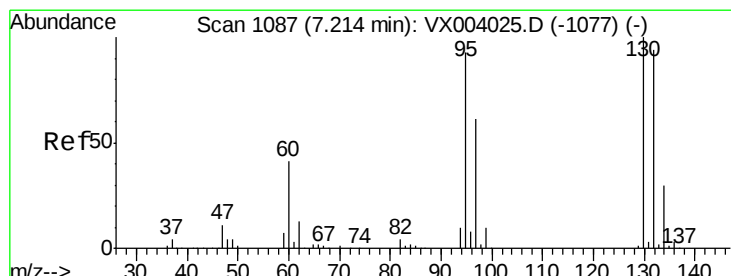
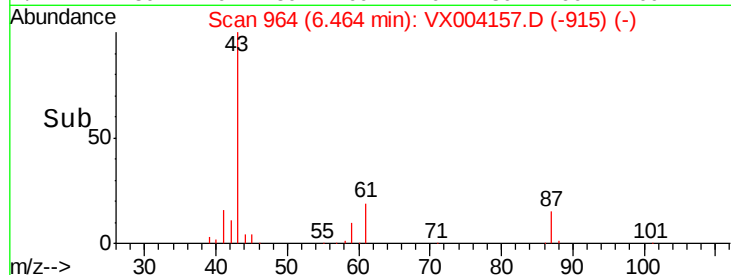
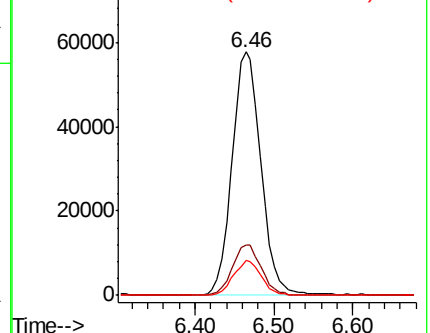
43 100

61 20.9 16.9 25.3

87 13.9 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: 18.62 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004157.D

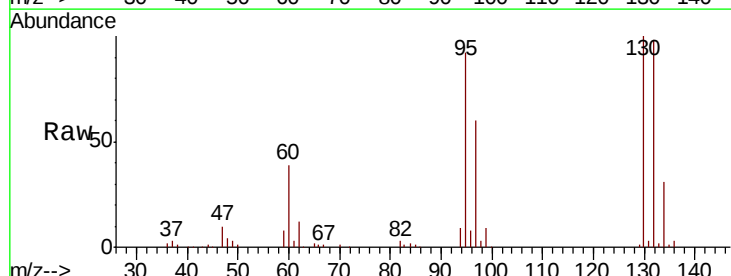
Acq: 20 Aug 2018 17:08

Tgt Ion:130 Resp: 76644

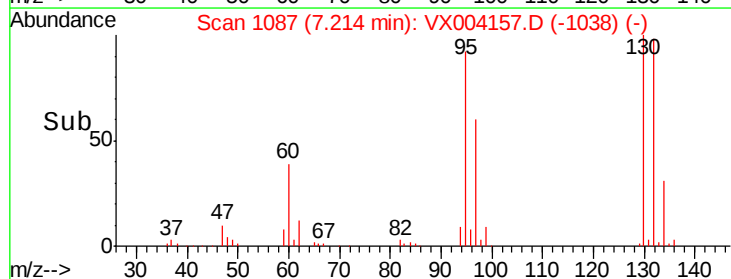
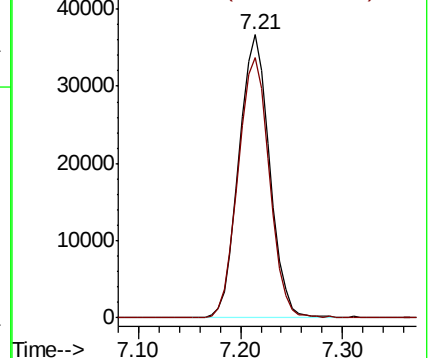
Ion Ratio Lower Upper

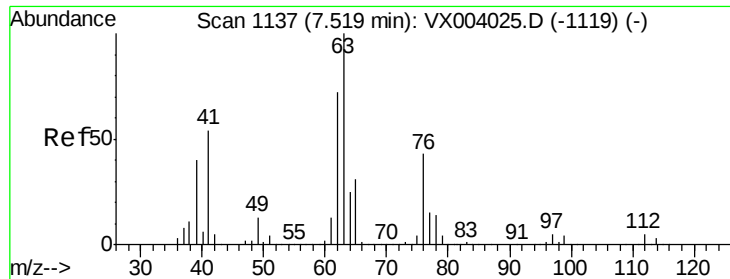
130 100

95 91.9 0.0 199.4



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

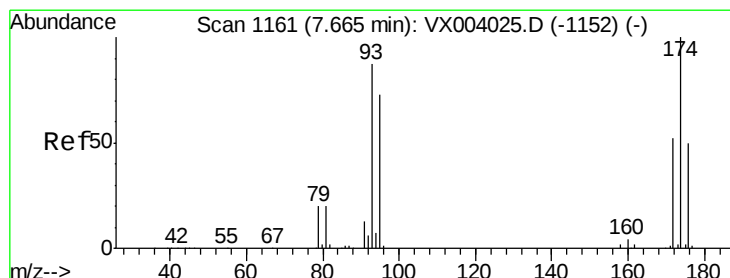
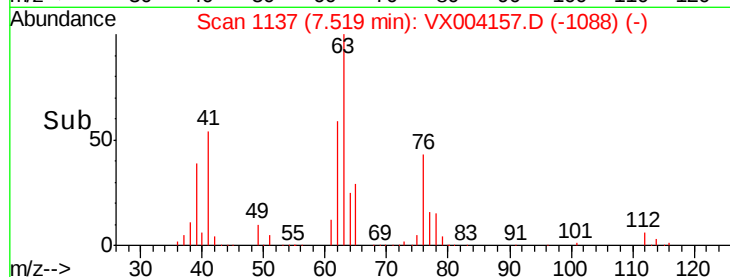
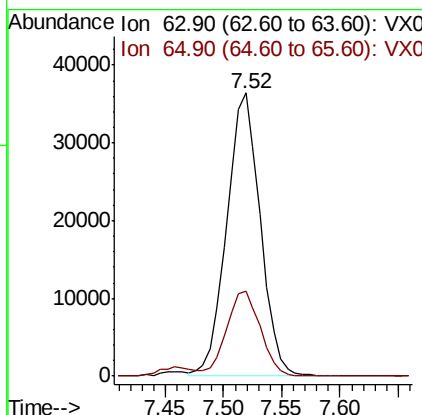
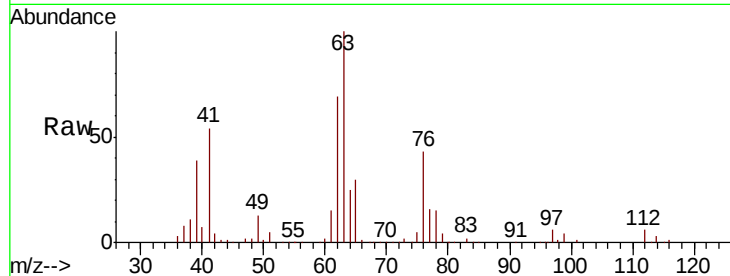




#45
 1,2-Dichloropropane
 Concen: 18.69 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

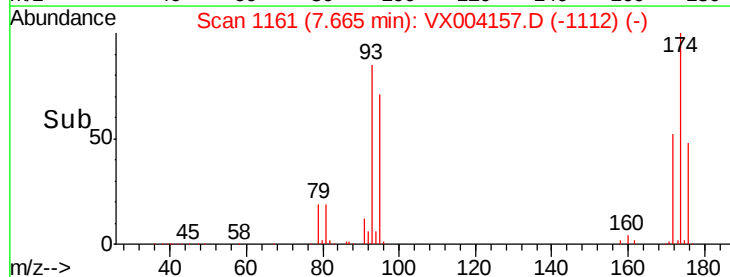
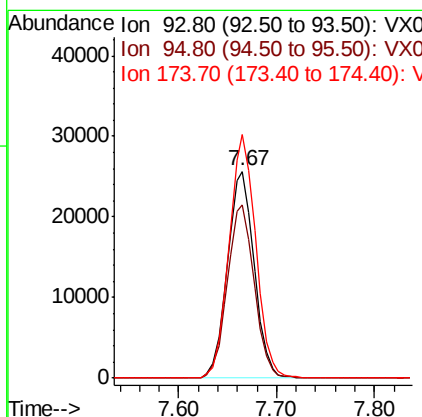
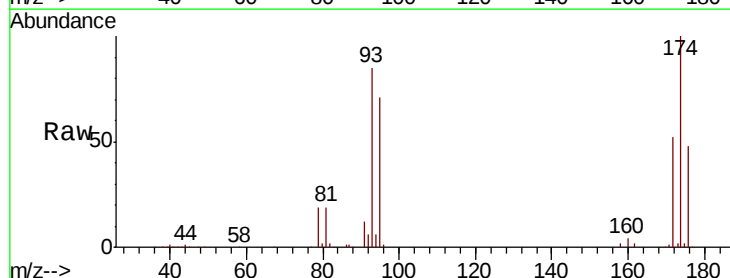
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

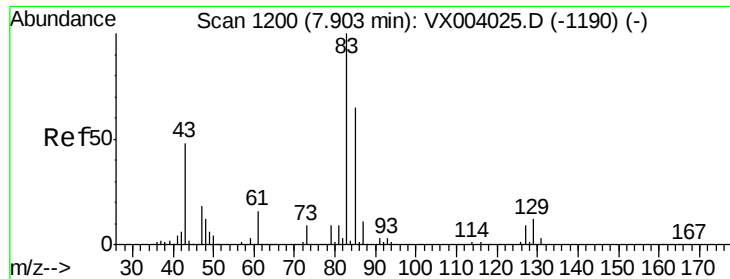
Tot Ion: 63 Resp: 72535
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 36.8



#46
 Dibromomethane
 Concen: 19.13 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion: 93 Resp: 48522
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 117.5 94.3 141.5





#47

Bromodichloromethane

Concen: 18.93 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

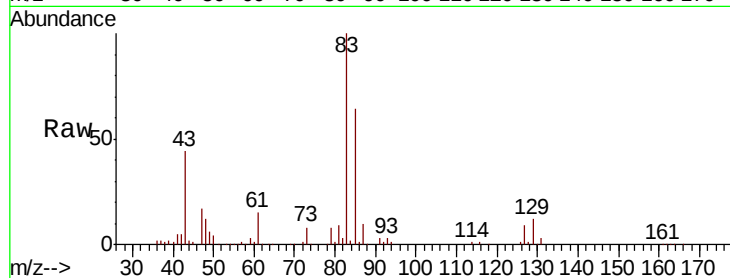
Tot Ion: 83 Resp: 90943

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

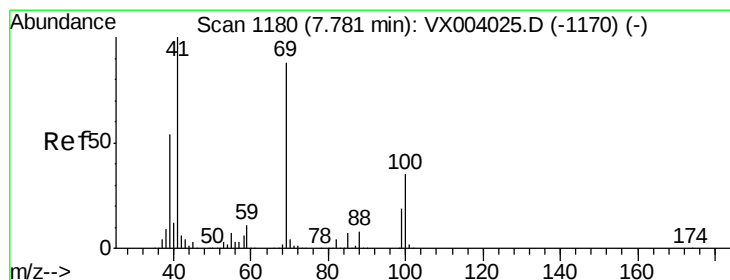
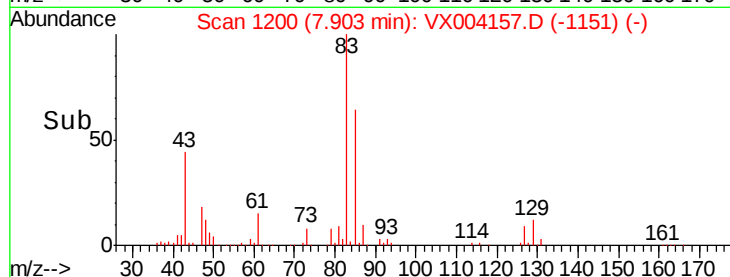
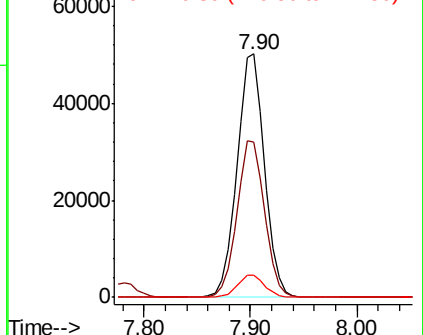
127 8.9 7.2 10.8



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: 18.87 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

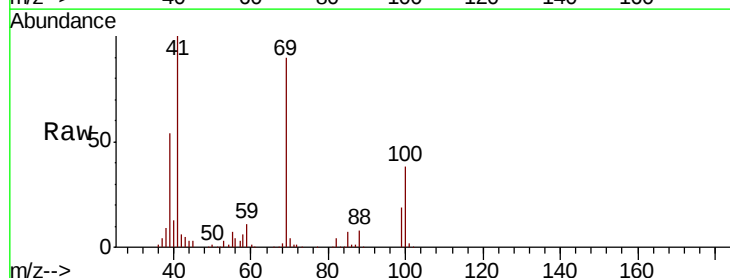
Tgt Ion: 41 Resp: 76973

Ion Ratio Lower Upper

41 100

69 87.1 68.8 103.2

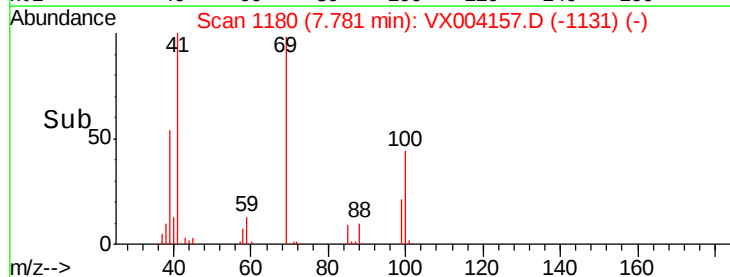
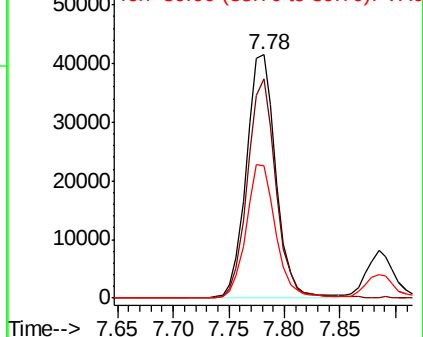
39 54.9 42.3 63.5

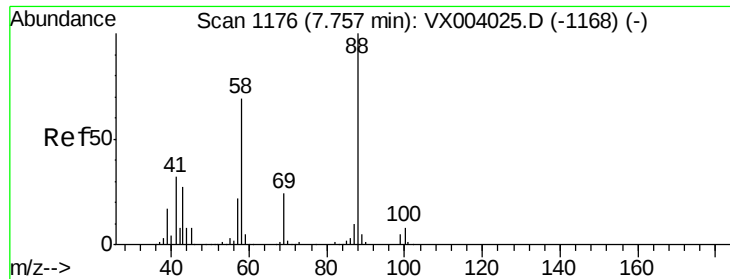


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

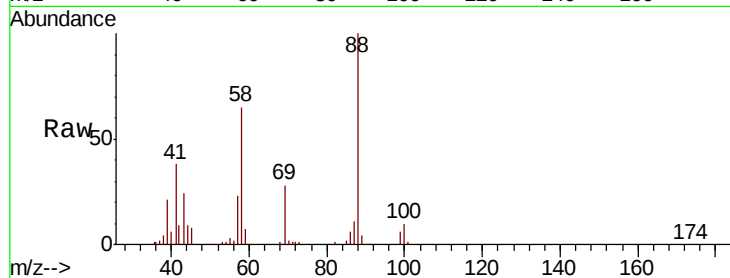




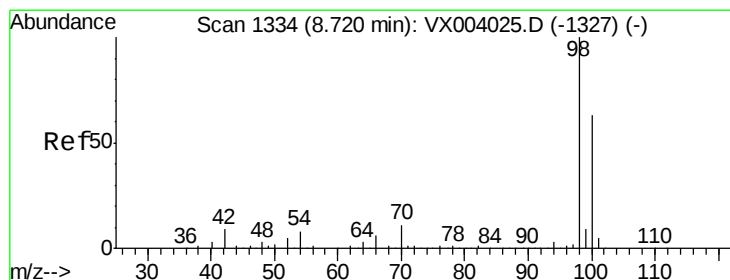
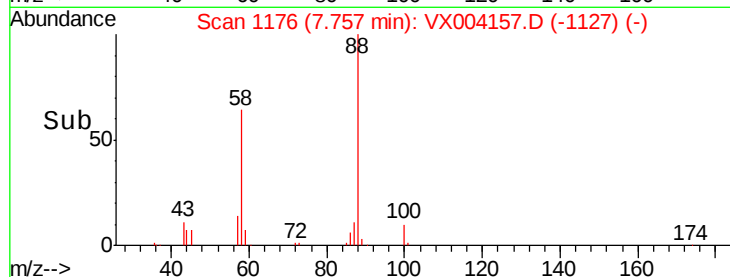
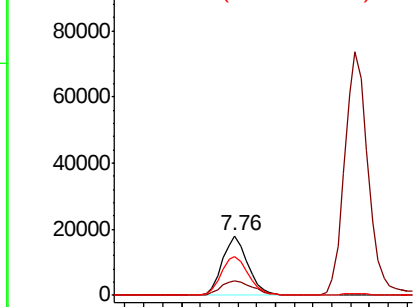
#49
 1,4-Dioxane
 Concen: 371.84 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tot Ion: 88 Resp: 34154
 Ion Ratio Lower Upper
 88 100
 43 31.2 23.8 35.8
 58 70.2 55.4 83.0

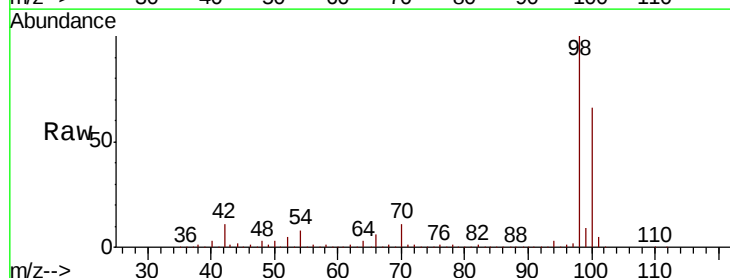


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

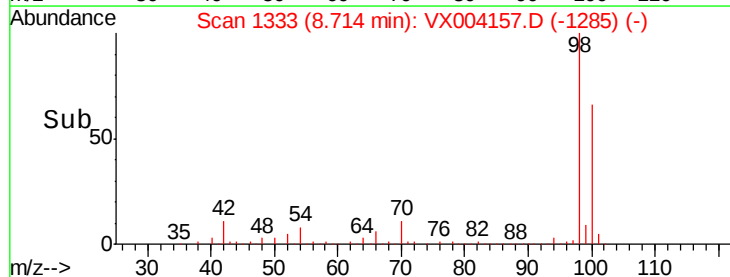
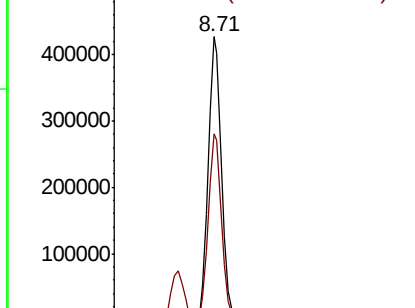


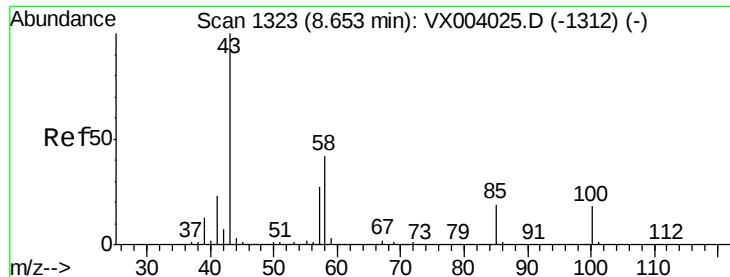
#50
 Toluene-d8
 Concen: 50.10 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion: 98 Resp: 674476
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 97.65 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

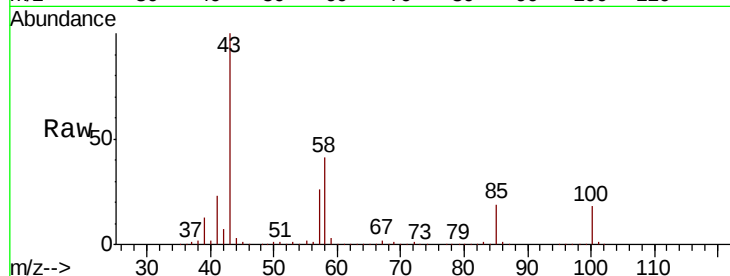
VX0820WBSD01

Tot Ion: 43 Resp: 648881

Ion Ratio Lower Upper

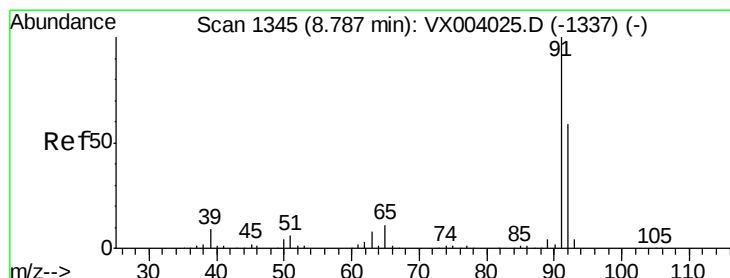
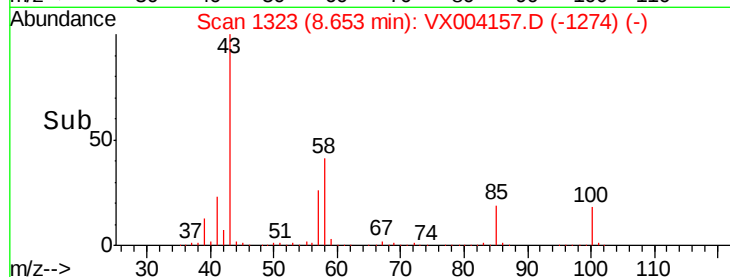
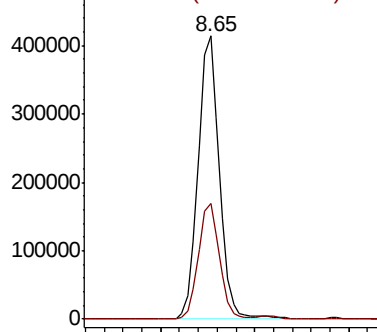
43 100

58 40.5 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: 19.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004157.D

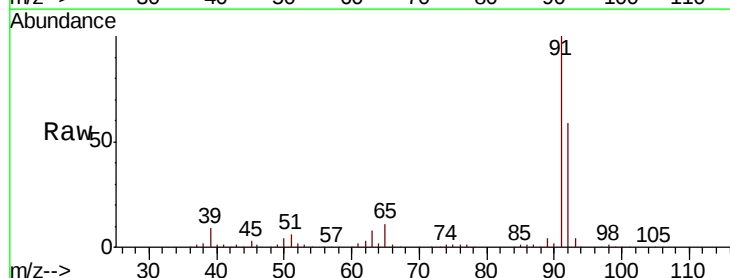
Acq: 20 Aug 2018 17:08

Tgt Ion: 92 Resp: 184610

Ion Ratio Lower Upper

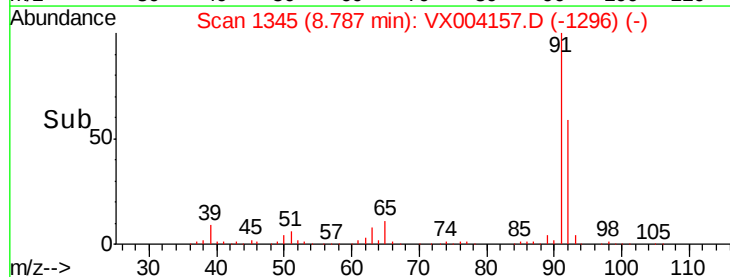
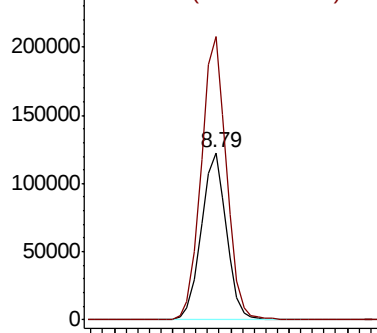
92 100

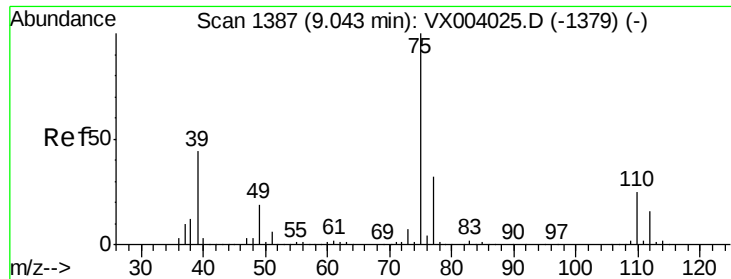
91 169.9 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

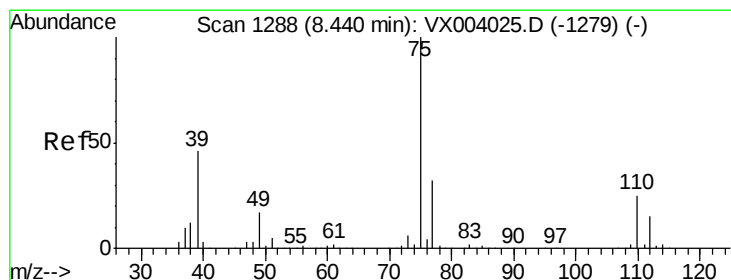
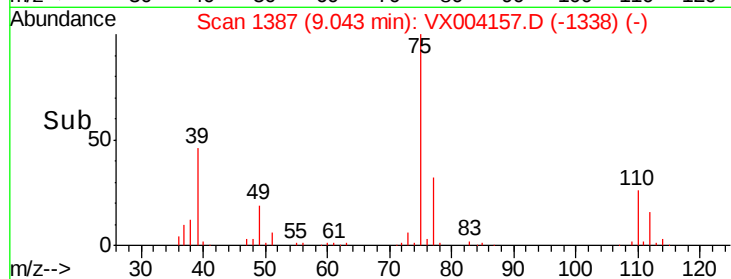
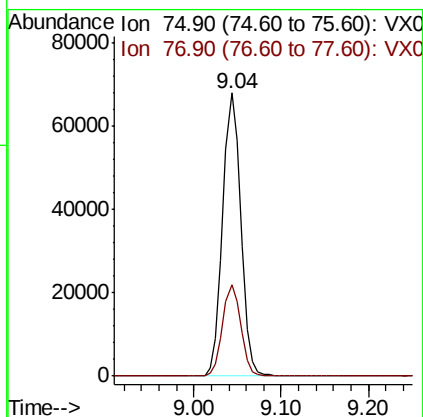
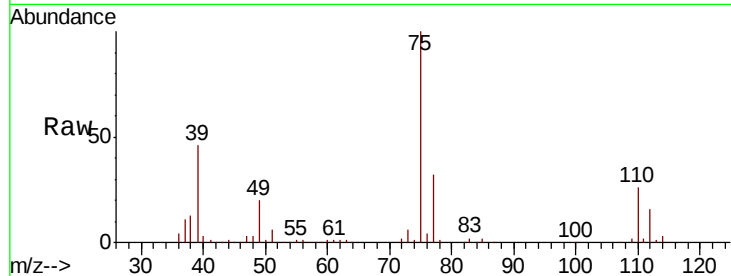




#53
 t-1,3-Dichloropropene
 Concen: 18.81 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

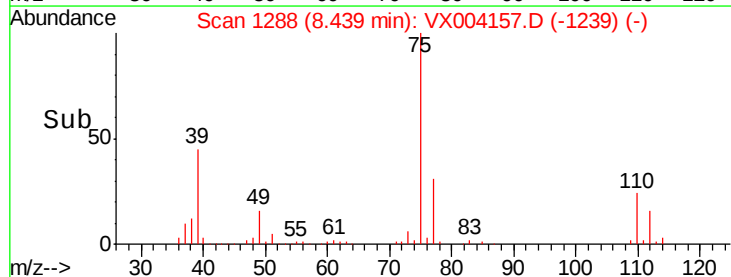
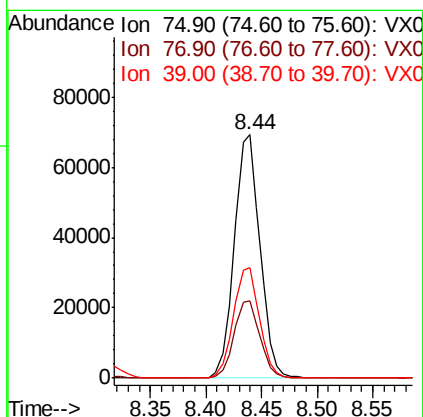
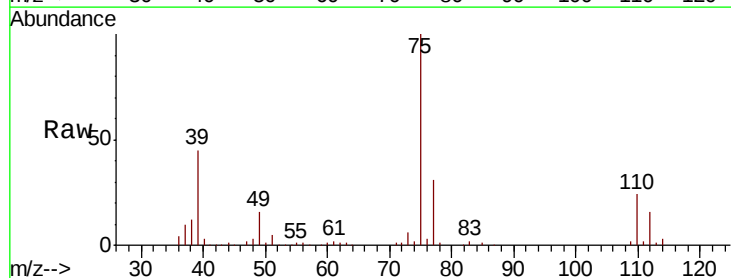
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

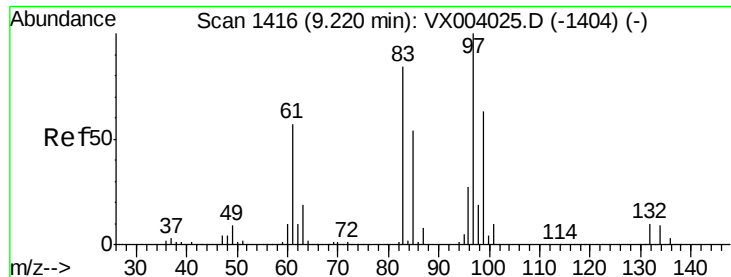
Tot Ion: 75 Resp: 97612
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.19 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion: 75 Resp: 110276
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 45.0 36.2 54.2

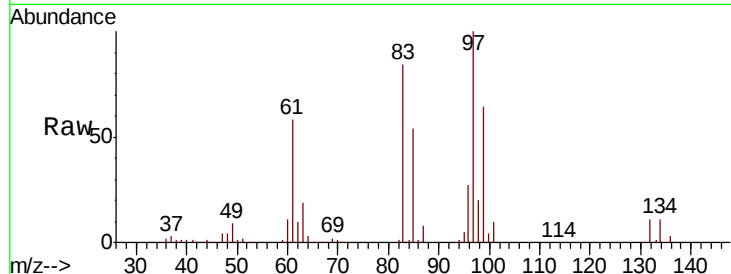




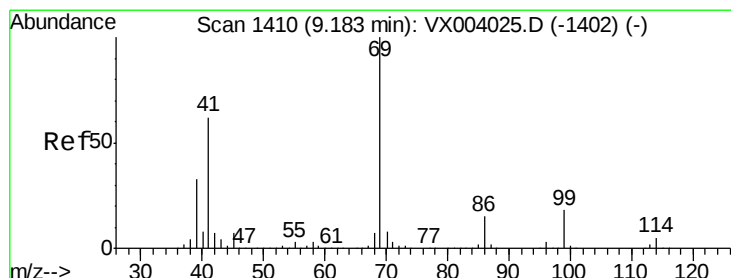
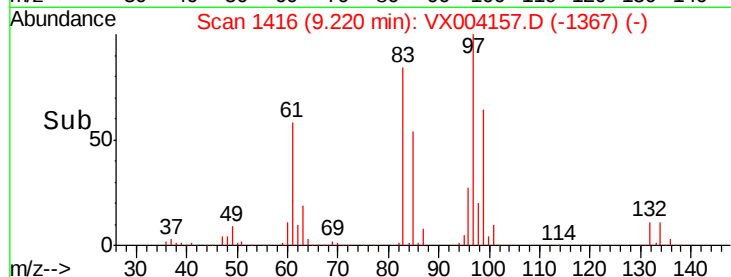
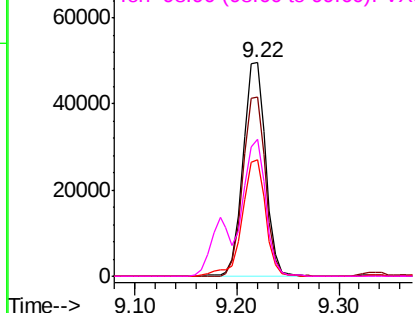
#55
 1,1,2-Trichloroethane
 Concen: 19.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tot Ion:	97	Resp:	75753
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.8	101.6
85	54.5	44.2	66.2
99	63.9	50.8	76.2

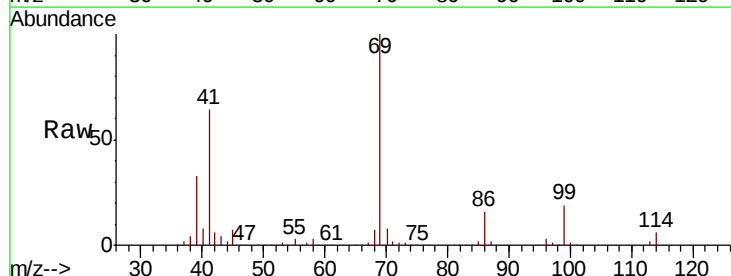


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

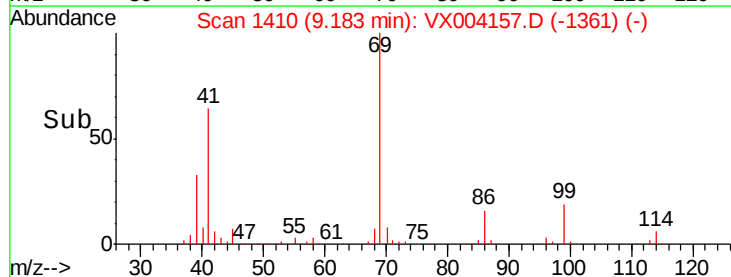
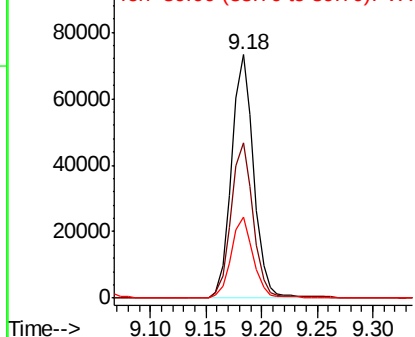


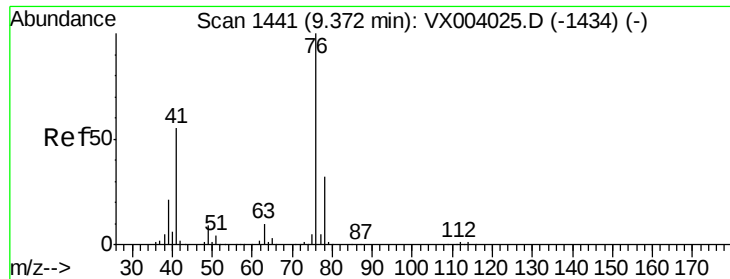
#56
 Ethyl methacrylate
 Concen: 18.73 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion:	69	Resp:	100875
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.6	76.0
39	32.9	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: 19.15 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

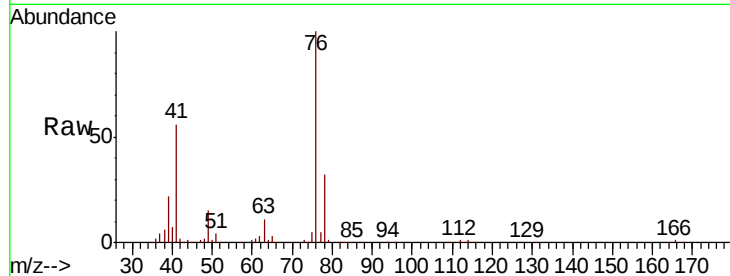
VX0820WBSD01

Tot Ion: 76 Resp: 125838

Ion Ratio Lower Upper

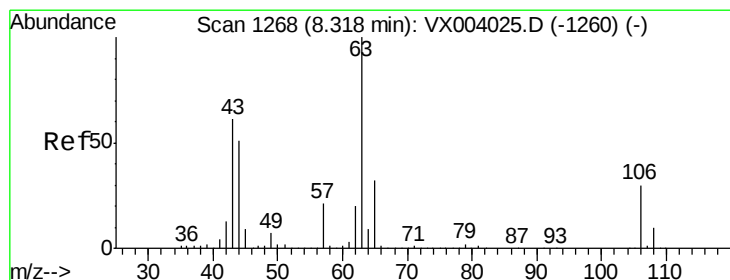
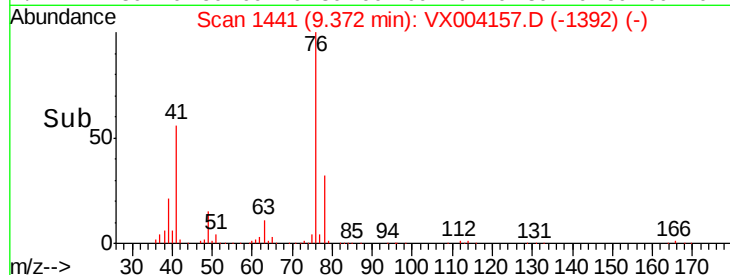
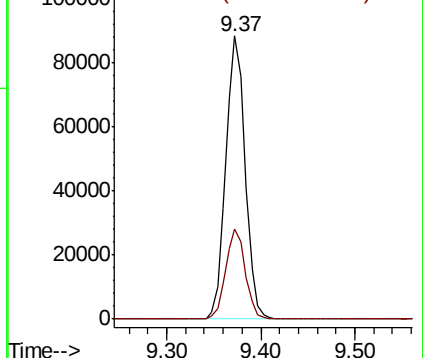
76 100

78 32.1 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: 97.61 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004157.D

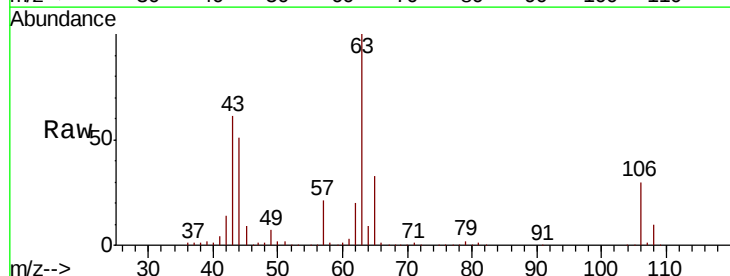
Acq: 20 Aug 2018 17:08

Tgt Ion: 63 Resp: 267635

Ion Ratio Lower Upper

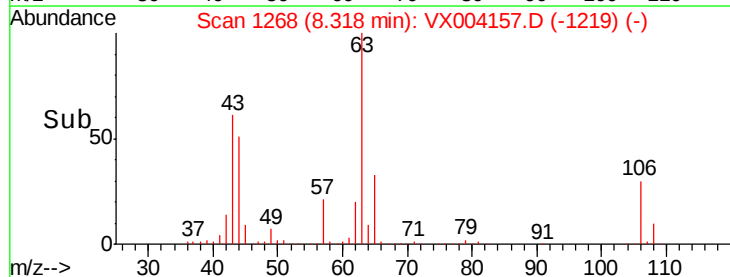
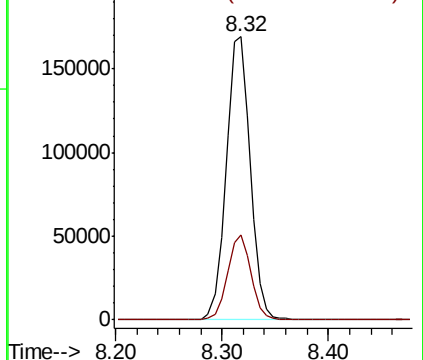
63 100

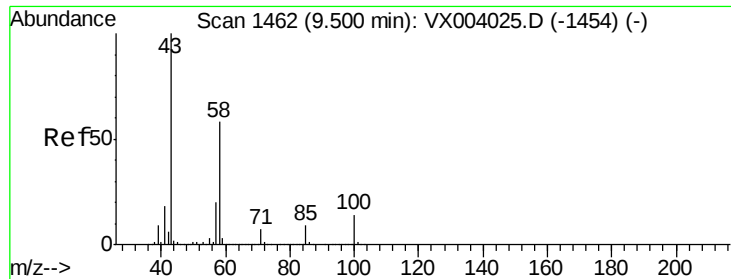
106 29.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

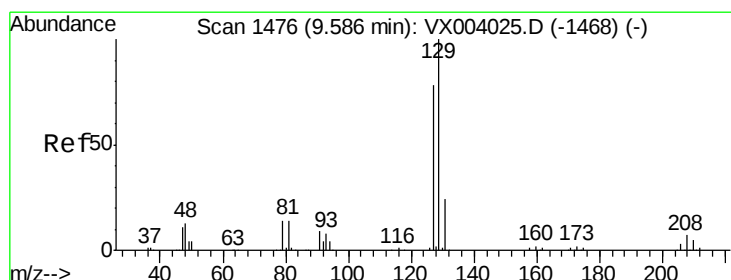
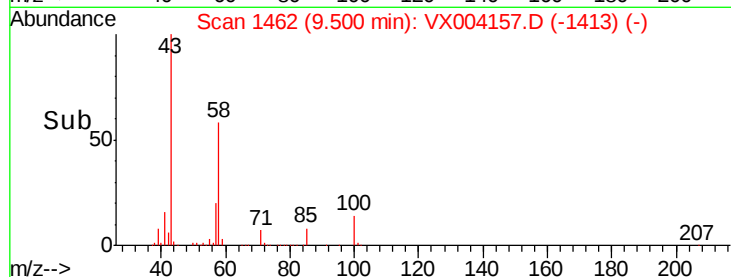
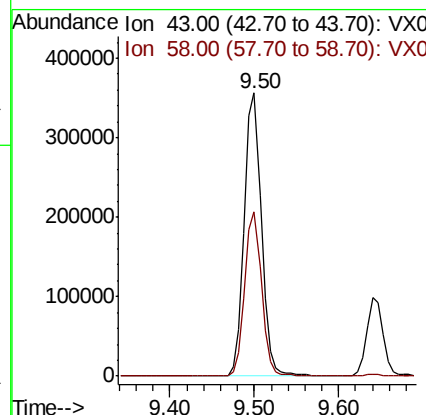
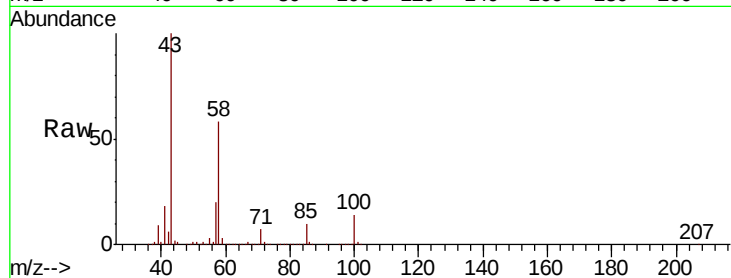




#59
2-Hexanone
Concen: 97.17 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

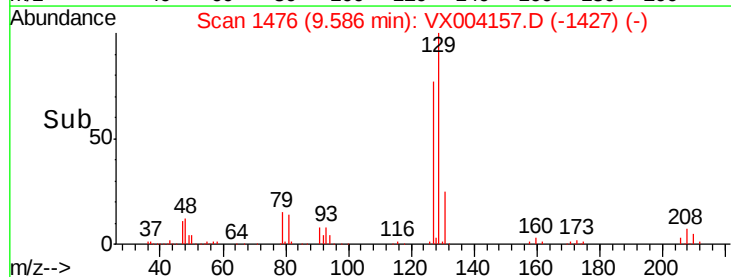
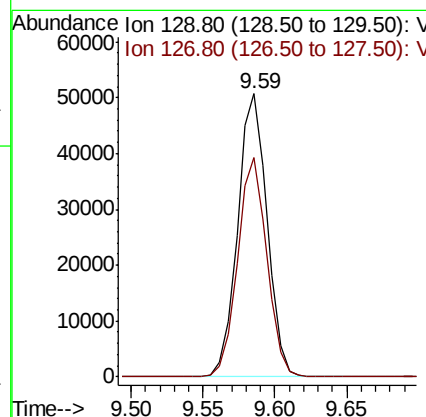
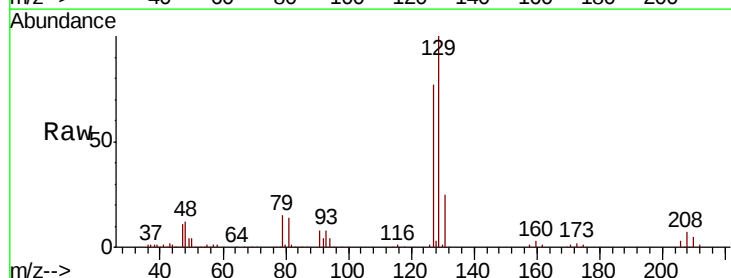
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

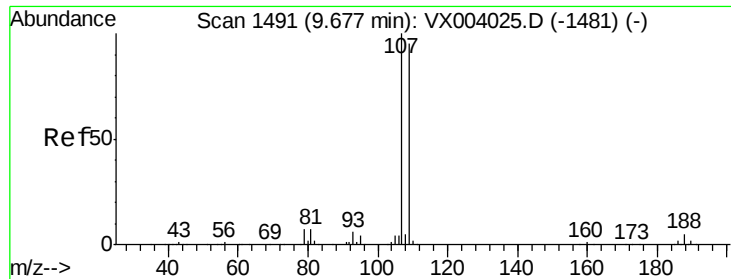
Tot Ion: 43 Resp: 485973
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0



#60
Dibromochloromethane
Concen: 18.94 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Tgt Ion: 129 Resp: 72153
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.08 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

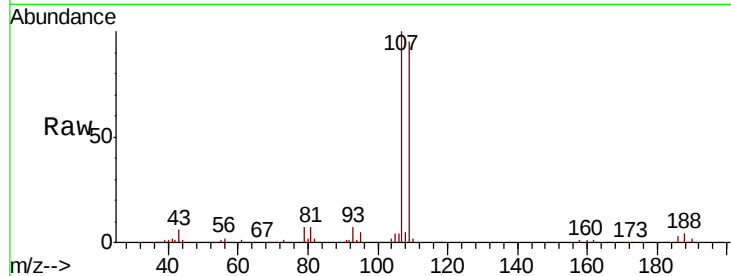
VX0820WBSD01

Tot Ion:107 Resp: 77007

Ion Ratio Lower Upper

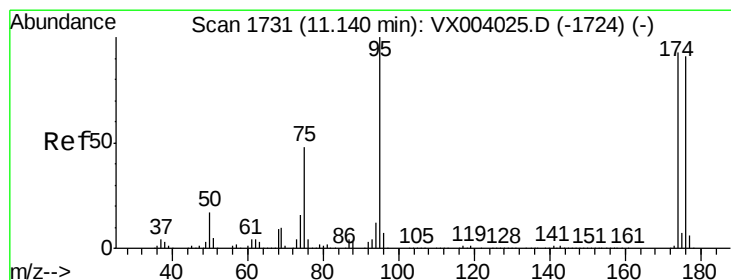
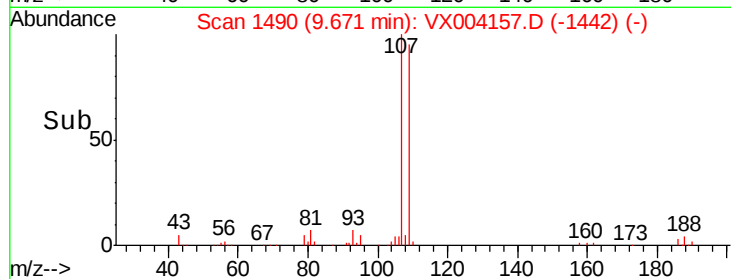
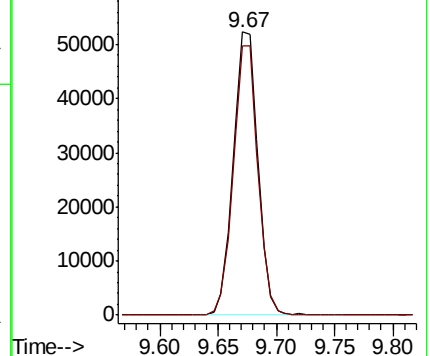
107 100

109 95.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.99 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

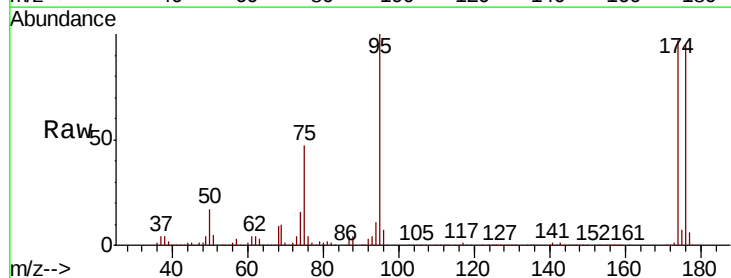
Tgt Ion: 95 Resp: 244116

Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.8

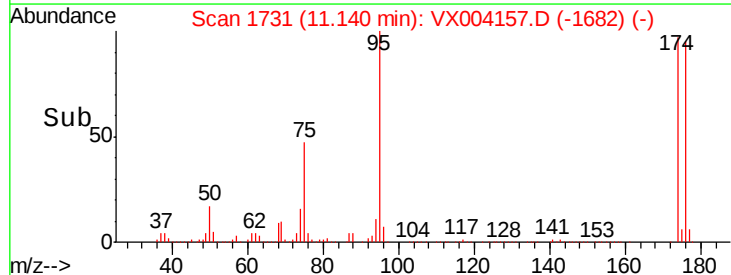
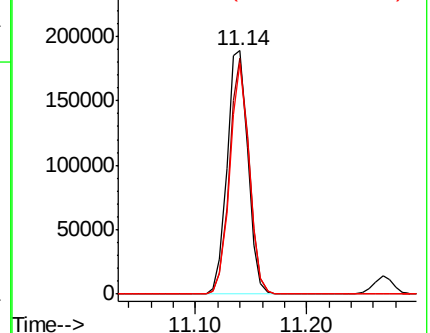
176 88.0 0.0 179.0

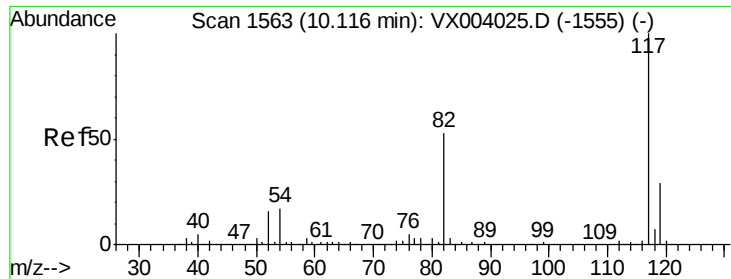


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

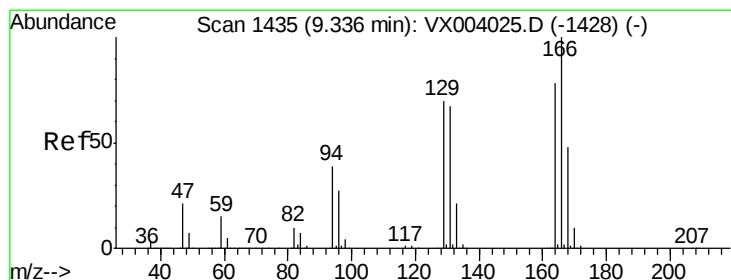
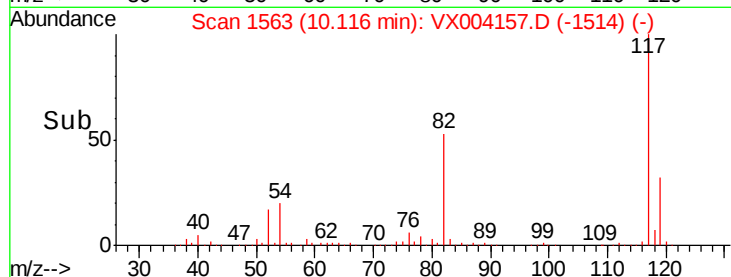
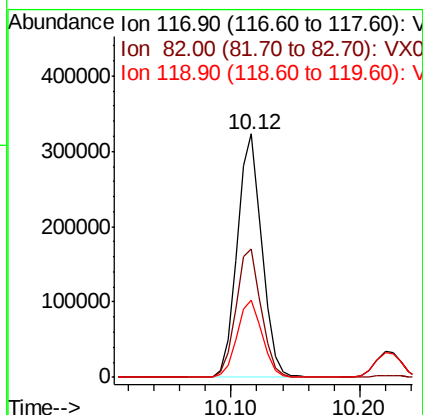
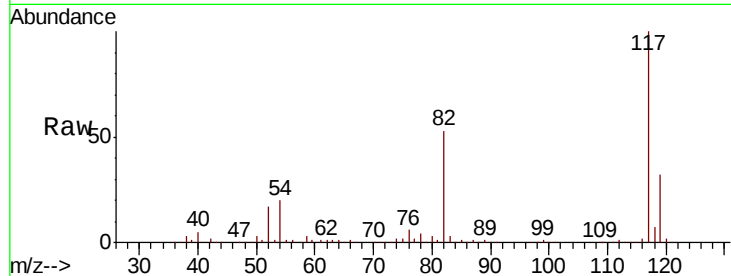




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

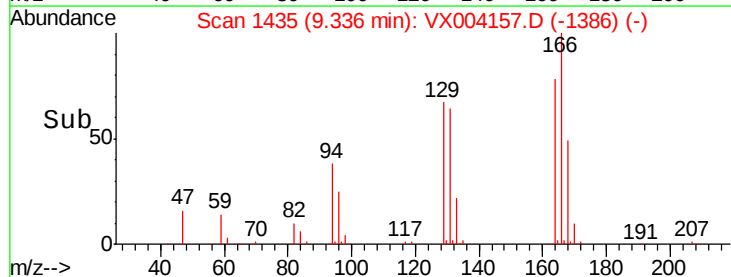
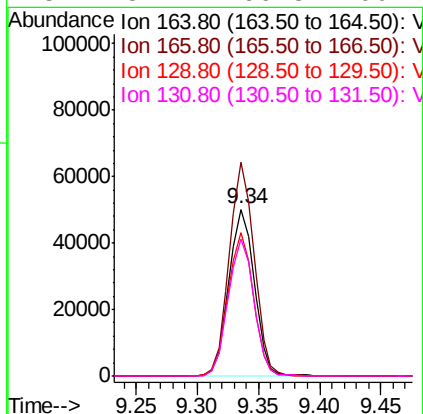
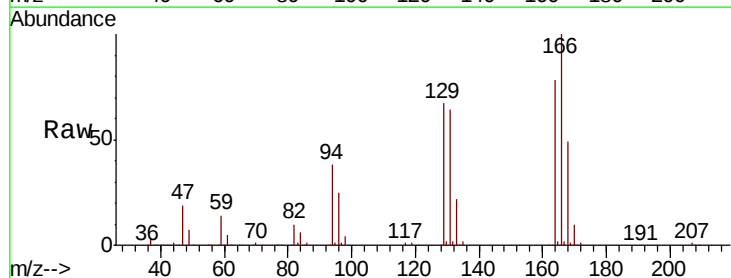
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

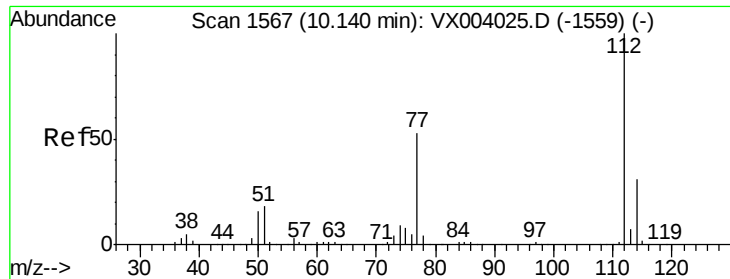
Tot Ion:117 Resp: 428945
Ion Ratio Lower Upper
117 100
82 52.7 45.4 68.0
119 31.6 26.6 40.0



#64
Tetrachloroethene
Concen: 17.78 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Tgt Ion:164 Resp: 72278
Ion Ratio Lower Upper
164 100
166 128.2 98.0 147.0
129 86.3 64.3 96.5
131 82.1 66.8 100.2

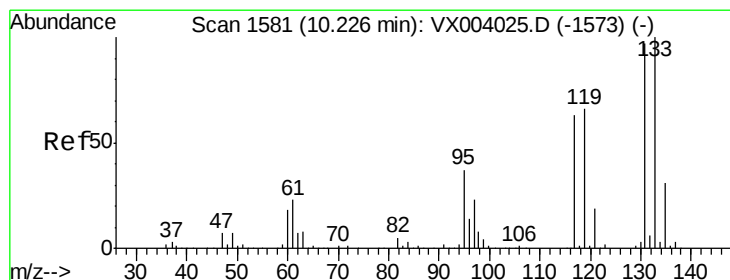
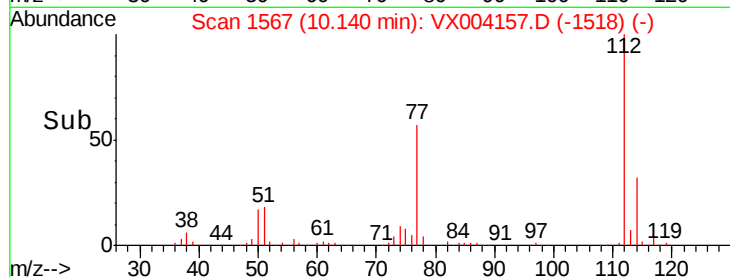
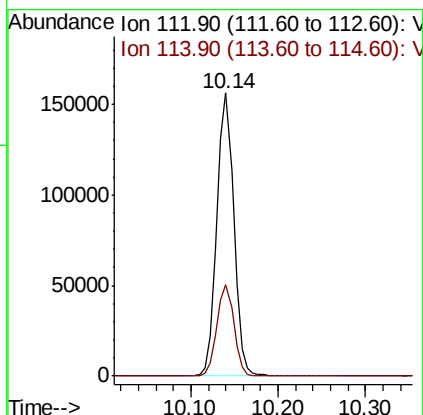
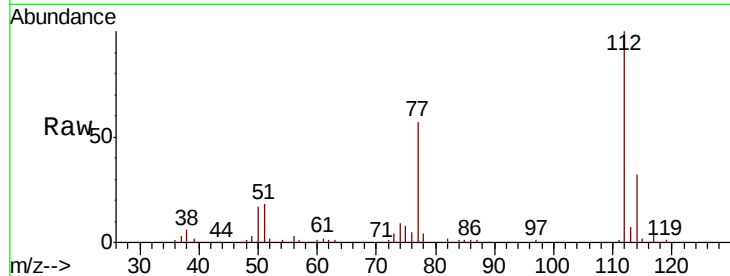




#65
Chlorobenzene
Concen: 18.90 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

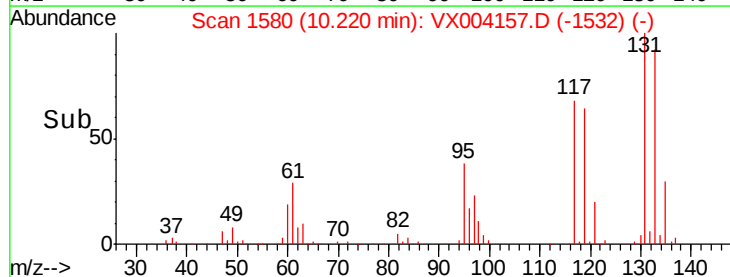
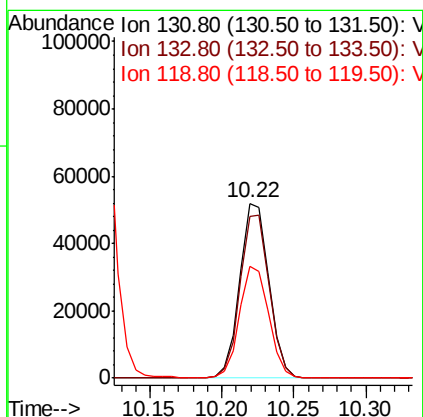
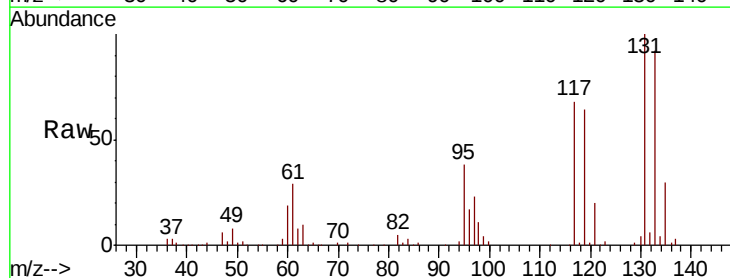
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

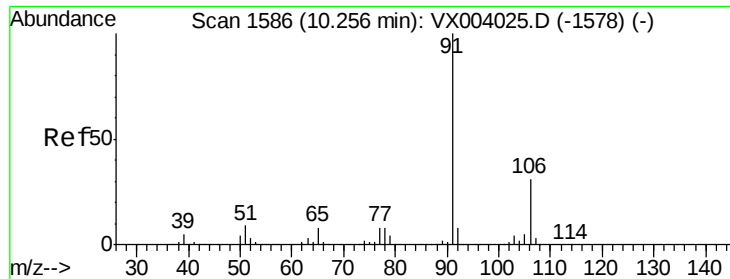
Tot Ion:112 Resp: 209440
Ion Ratio Lower Upper
112 100
114 32.5 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.34 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Tgt Ion:131 Resp: 73102
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.8
119 64.2 31.6 94.8





#67

Ethyl Benzene

Concen: 19.11 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

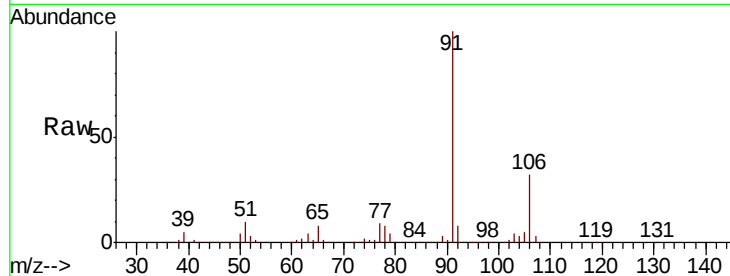
VX0820WBSD01

Tot Ion: 91 Resp: 335284

Ion Ratio Lower Upper

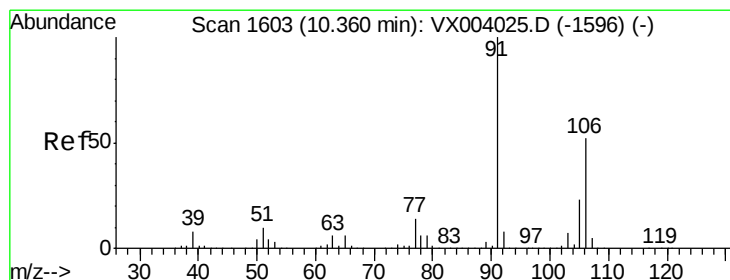
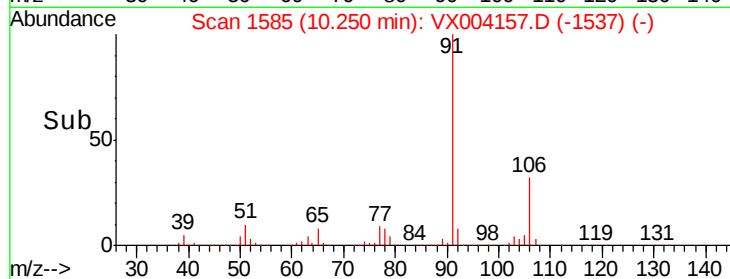
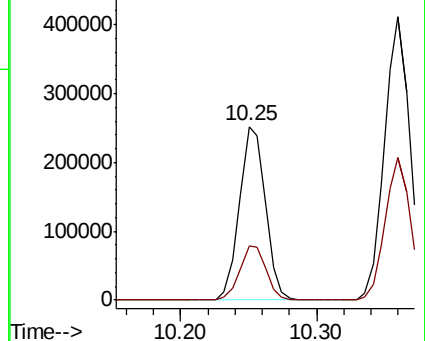
91 100

106 31.5 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.21 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004157.D

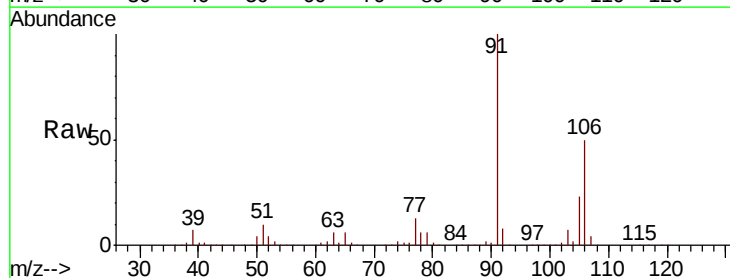
Acq: 20 Aug 2018 17:08

Tgt Ion:106 Resp: 269434

Ion Ratio Lower Upper

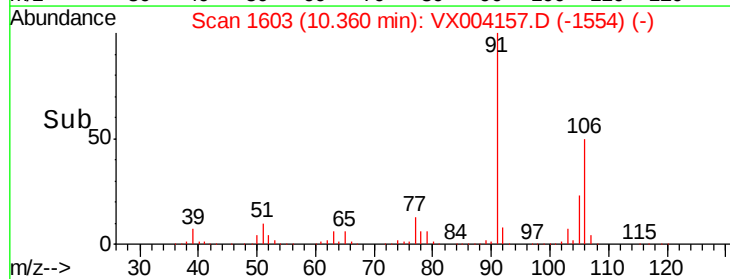
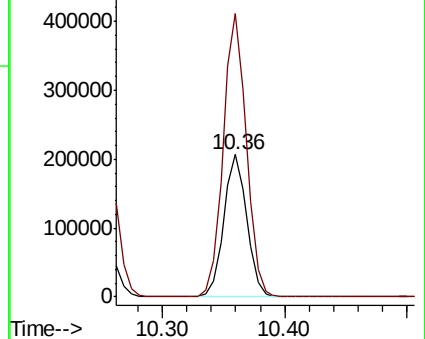
106 100

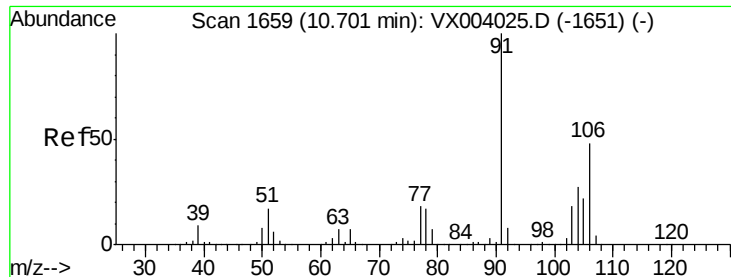
91 199.6 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

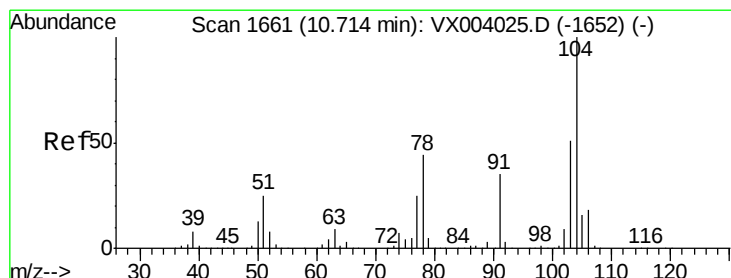
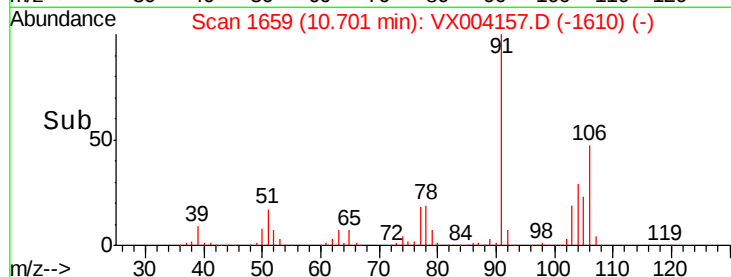
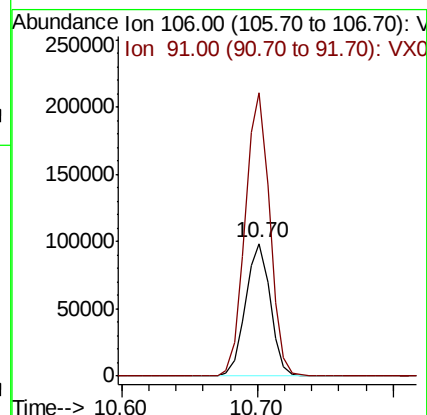
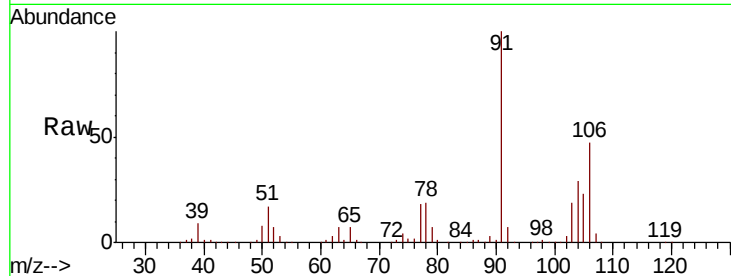




#69
o-Xylene
Concen: 19.05 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

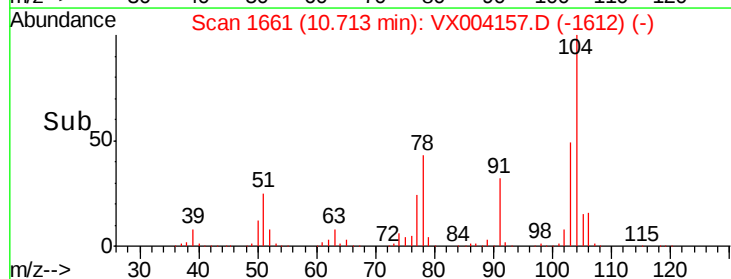
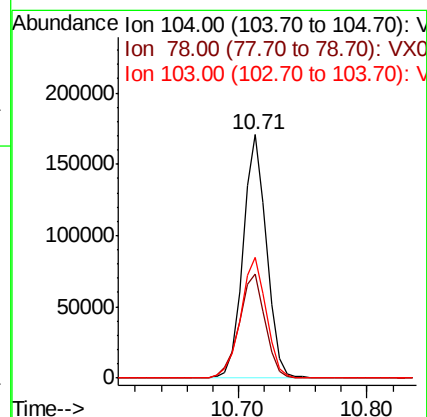
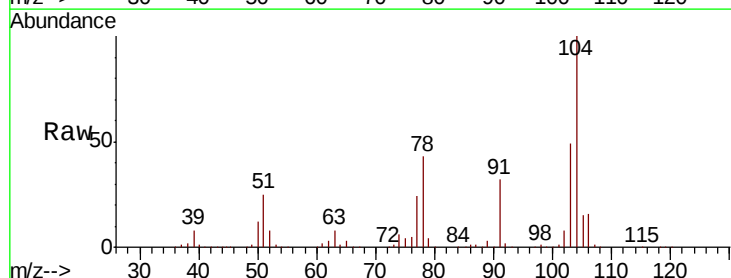
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

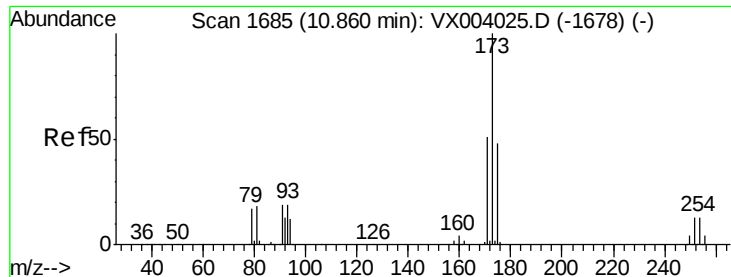
Tot Ion:106 Resp: 125056
Ion Ratio Lower Upper
106 100
91 212.9 101.9 305.7



#70
Styrene
Concen: 19.37 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Tgt Ion:104 Resp: 214019
Ion Ratio Lower Upper
104 100
78 47.7 39.8 59.6
103 54.0 44.3 66.5





#71

Bromoform

Concen: 17.83 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

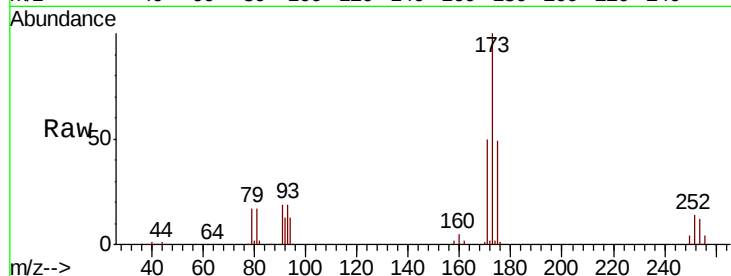
Tot Ion:173 Resp: 53435

Ion Ratio Lower Upper

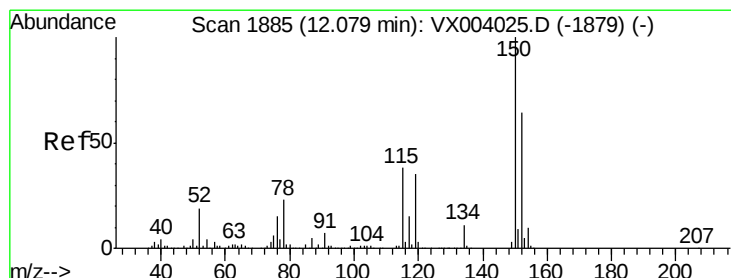
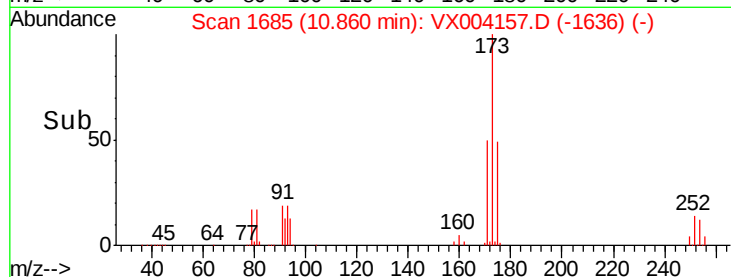
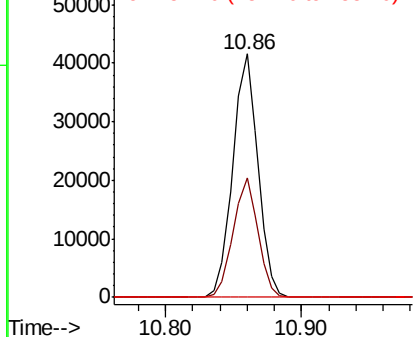
173 100

175 48.2 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: VX004157.D

Acq: 20 Aug 2018 17:08

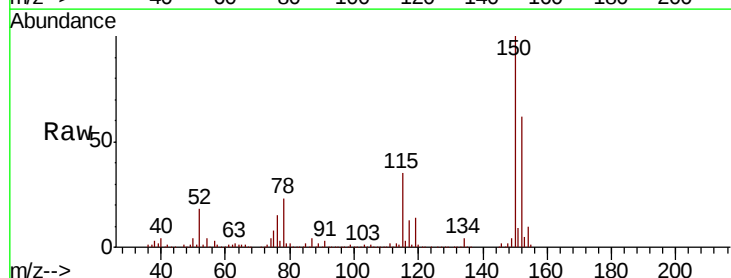
Tgt Ion:152 Resp: 255708

Ion Ratio Lower Upper

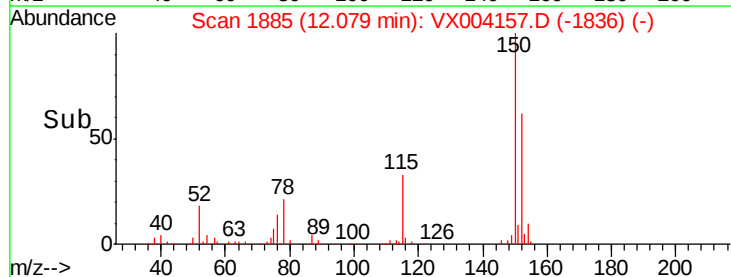
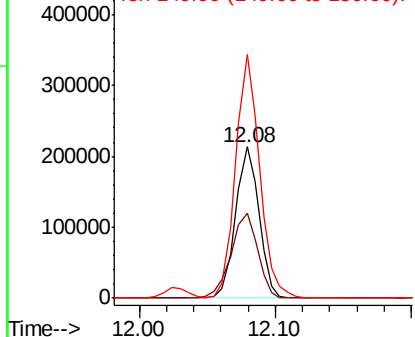
152 100

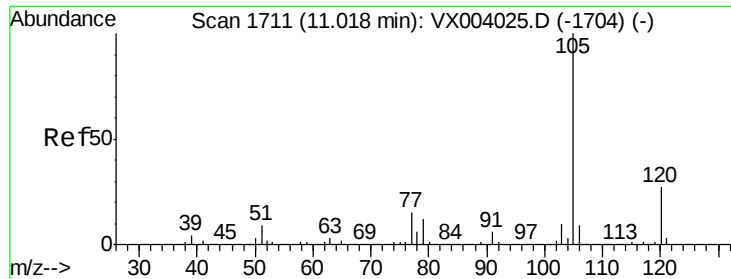
115 63.6 39.1 117.3

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: 19.74 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

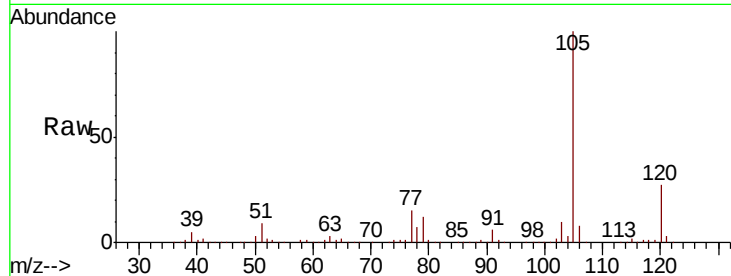
VX0820WBSD01

Tot Ion:105 Resp: 341553

Ion Ratio Lower Upper

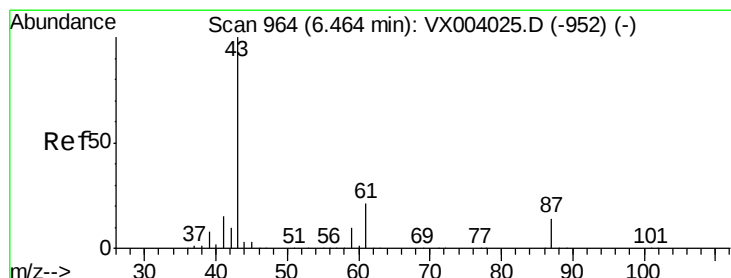
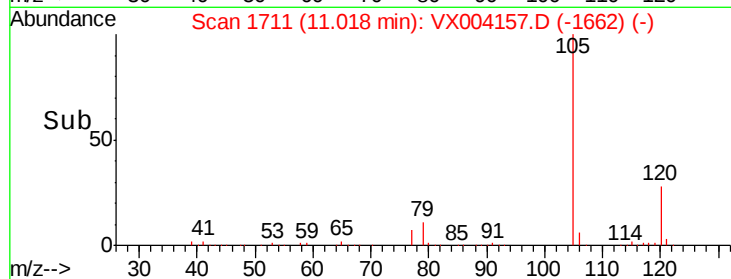
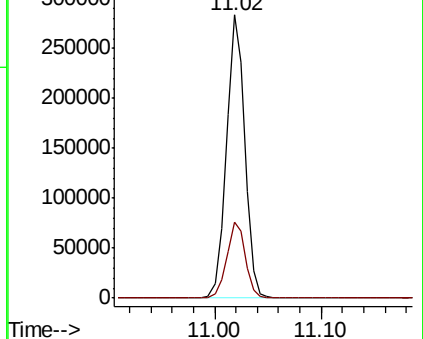
105 100

120 27.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.97 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Tgt Ion: 43 Resp: 146274

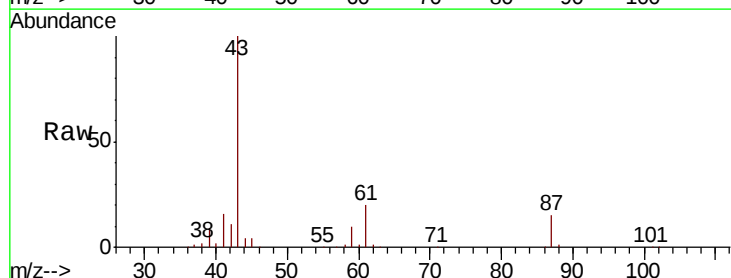
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.9 16.9 25.3

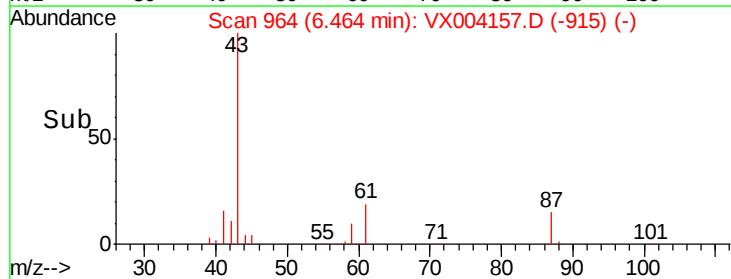
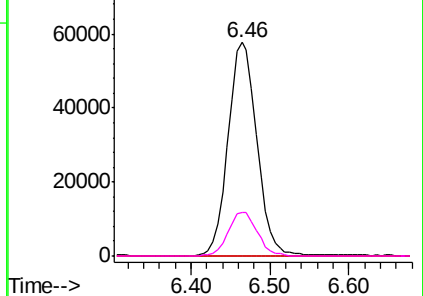


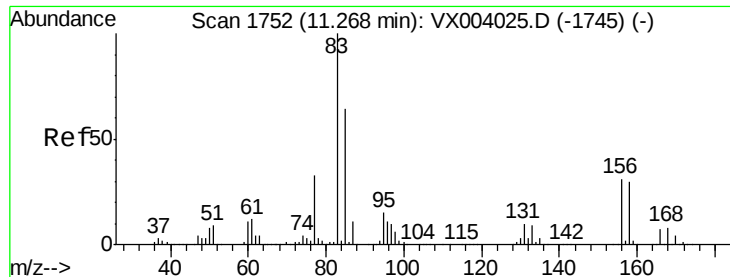
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.33 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

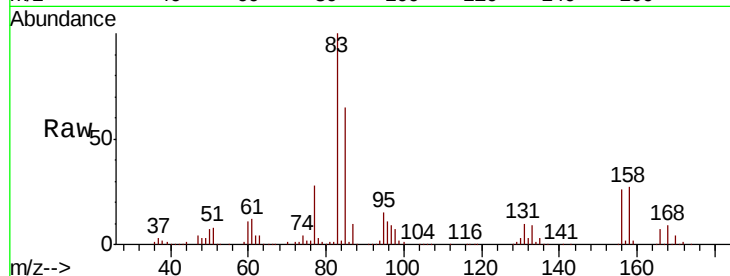
Tot Ion: 83 Resp: 116789

Ion Ratio Lower Upper

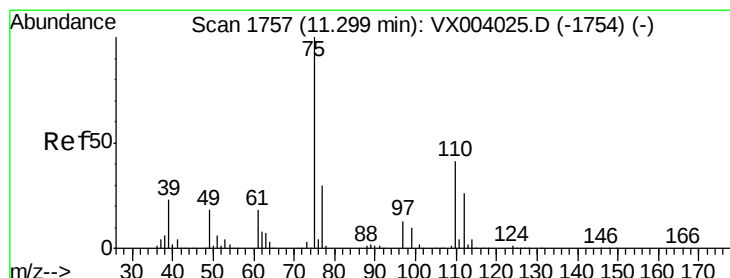
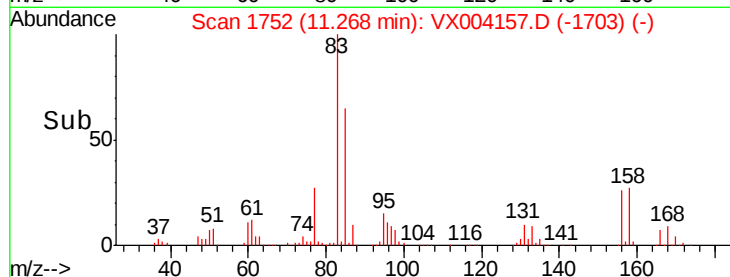
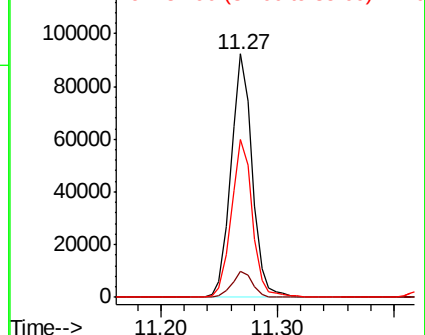
83 100

131 10.4 5.2 15.6

85 64.5 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: 23.41 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004157.D

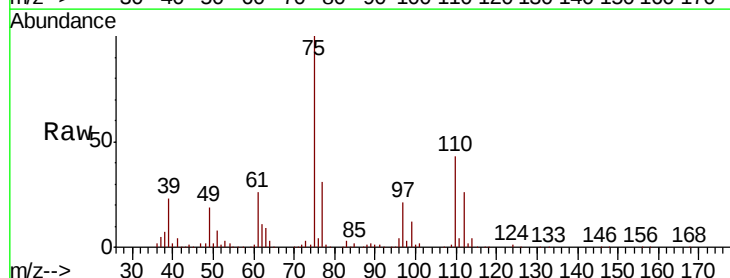
Acq: 20 Aug 2018 17:08

Tgt Ion: 75 Resp: 120022

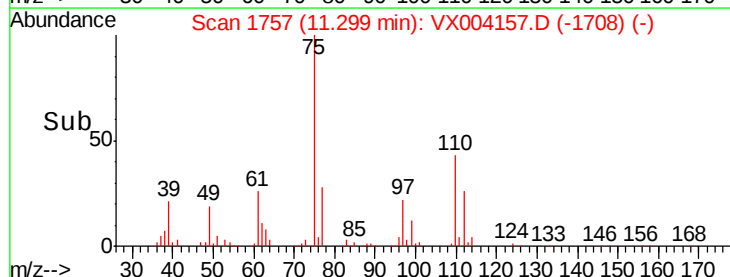
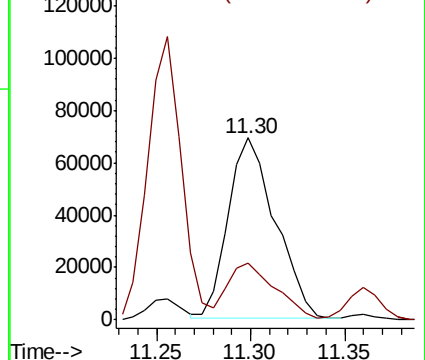
Ion Ratio Lower Upper

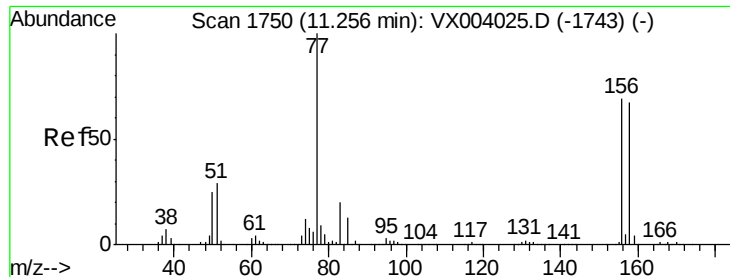
75 100

77 31.5 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: 19.41 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

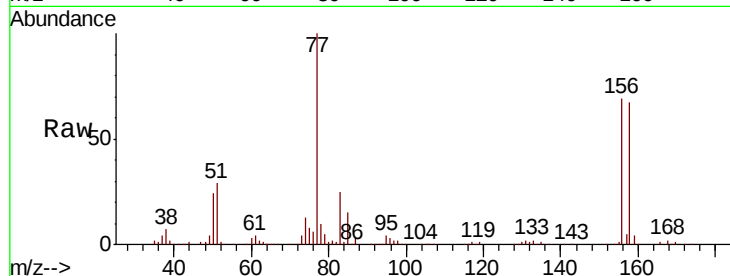
Tot Ion:156 Resp: 92603

Ion Ratio Lower Upper

156 100

77 146.5 74.1 222.2

158 97.2 48.6 145.9

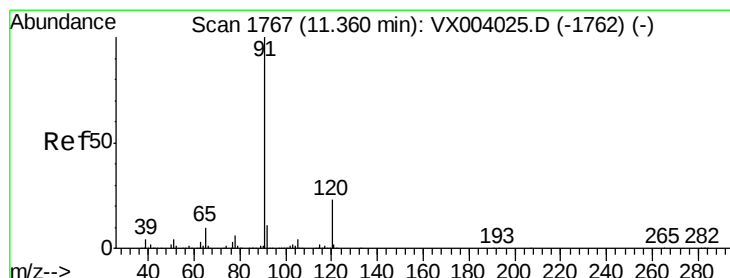
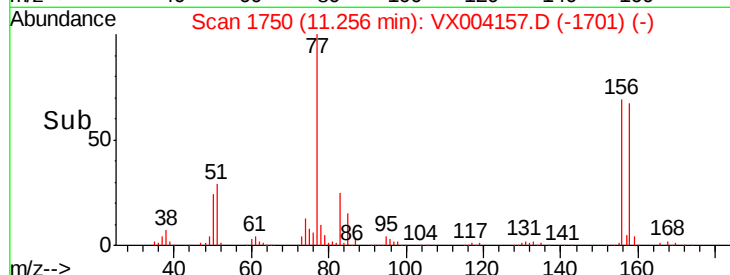
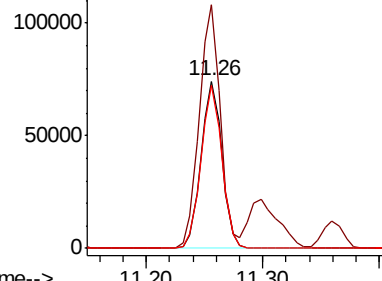


Abundance

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: 19.77 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004157.D

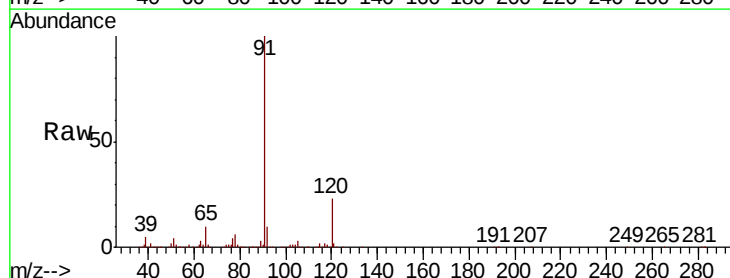
Acq: 20 Aug 2018 17:08

Tgt Ion: 91 Resp: 382896

Ion Ratio Lower Upper

91 100

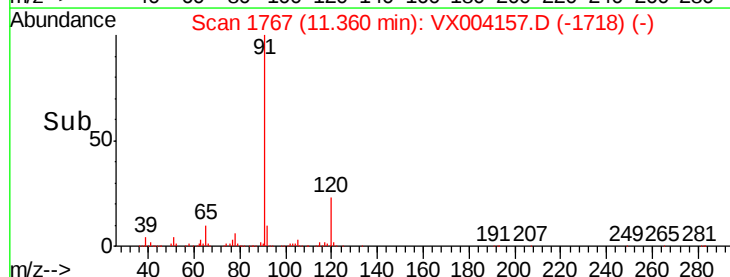
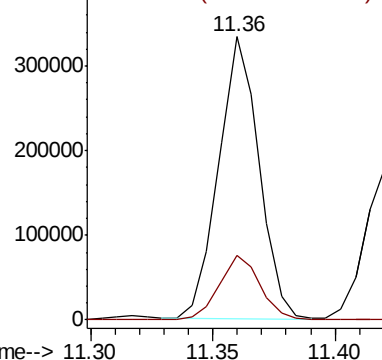
120 23.1 11.9 35.5

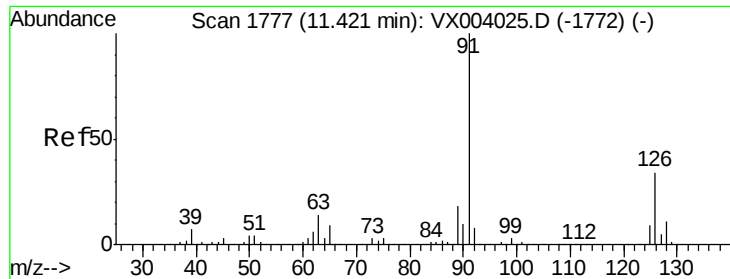


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.00 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

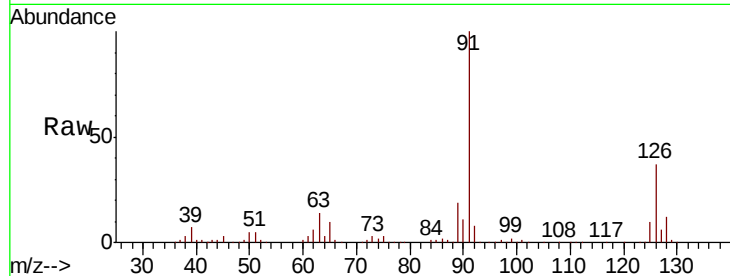
VX0820WBSD01

Tot Ion: 91 Resp: 224245

Ion Ratio Lower Upper

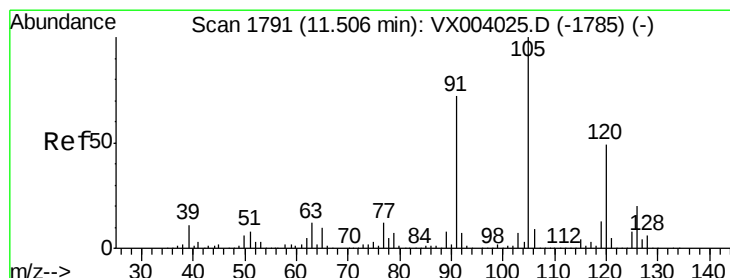
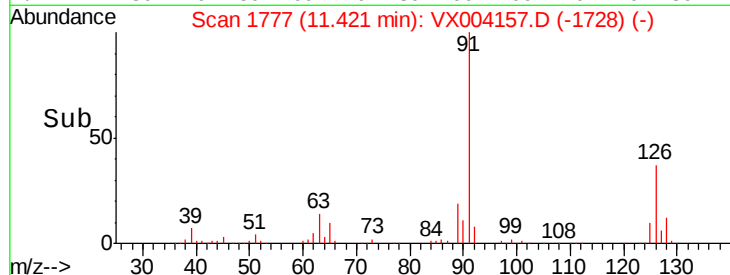
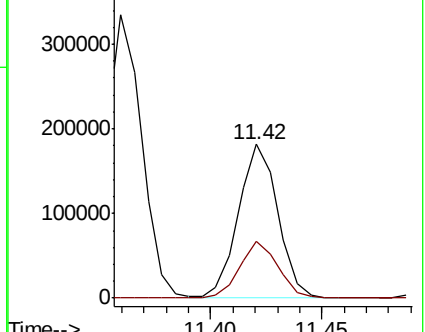
91 100

126 36.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.77 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004157.D

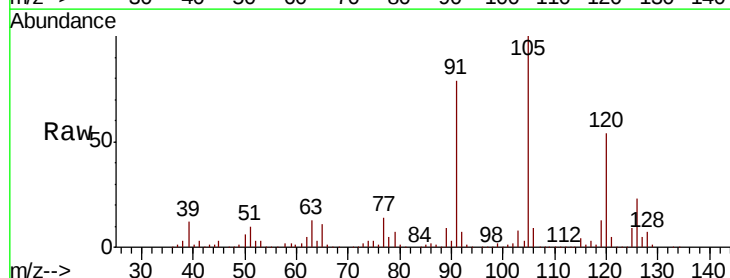
Acq: 20 Aug 2018 17:08

Tgt Ion:105 Resp: 280069

Ion Ratio Lower Upper

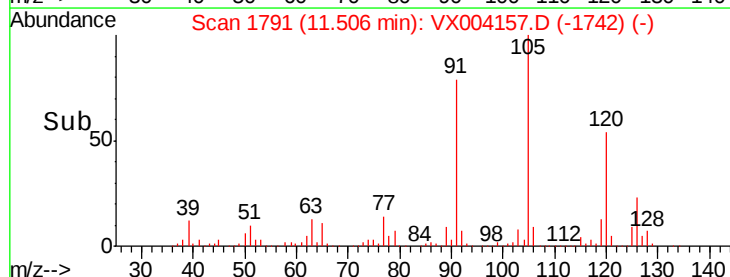
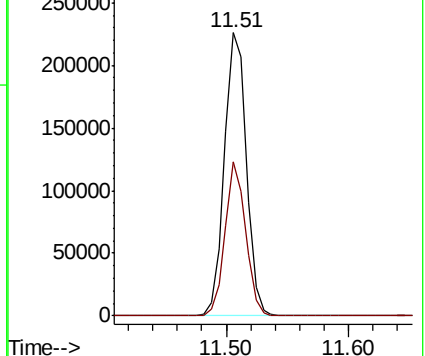
105 100

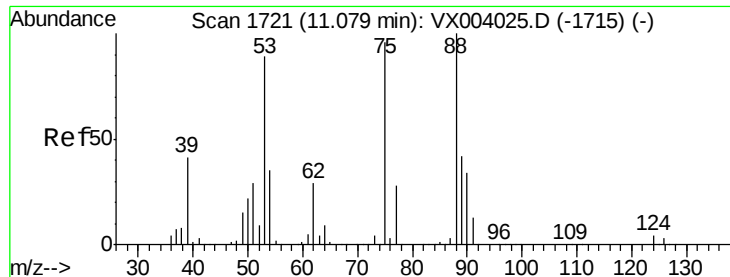
120 50.9 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.06 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

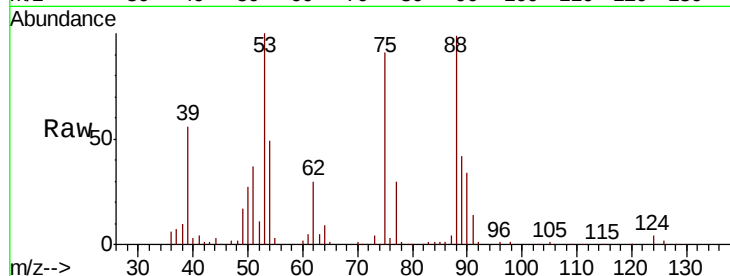
Tot Ion: 75 Resp: 28265

Ion Ratio Lower Upper

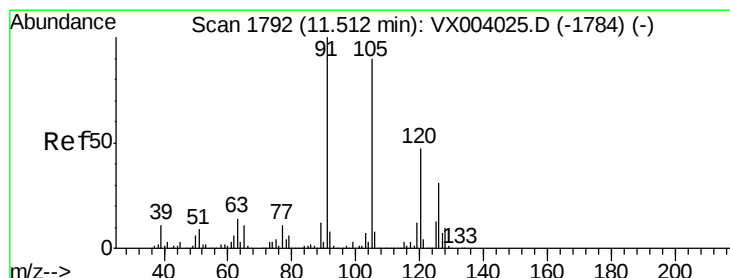
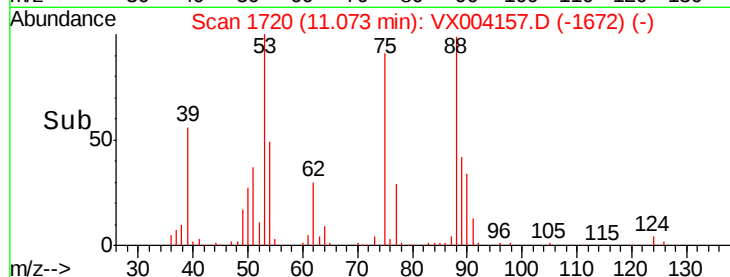
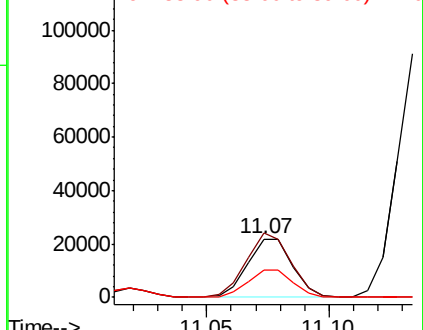
75 100

53 107.6 80.3 120.5

89 46.4 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: 19.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004157.D

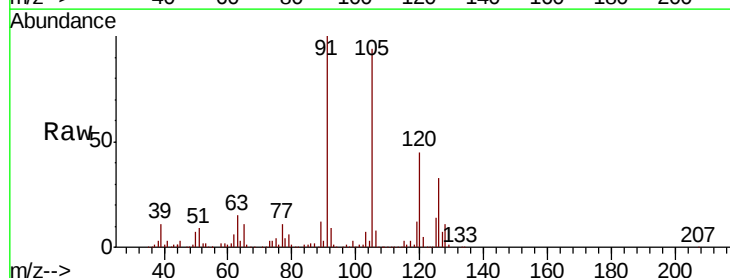
Acq: 20 Aug 2018 17:08

Tgt Ion: 91 Resp: 270477

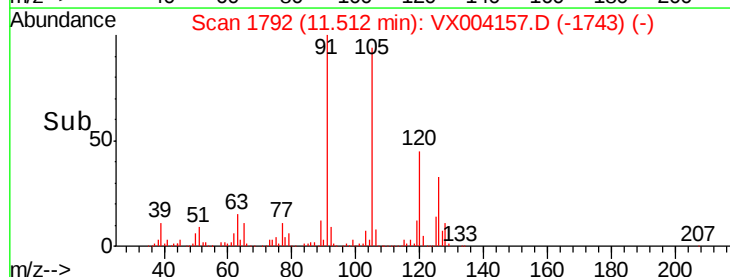
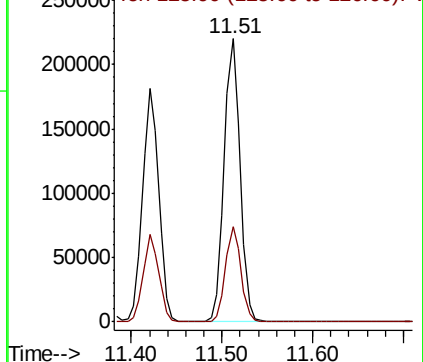
Ion Ratio Lower Upper

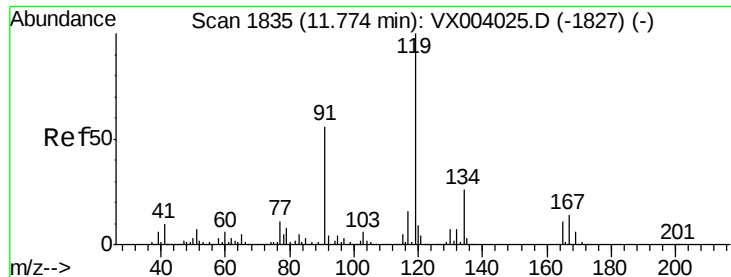
91 100

126 32.2 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

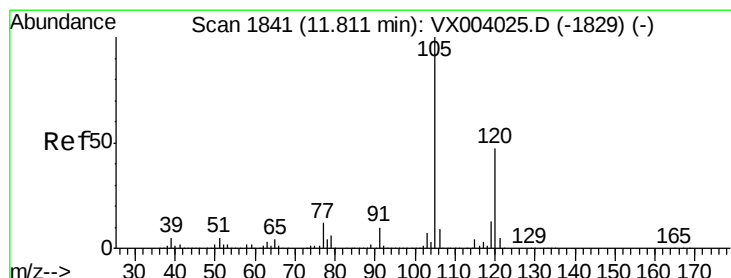
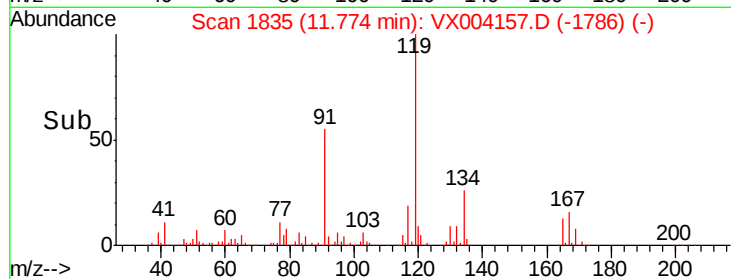
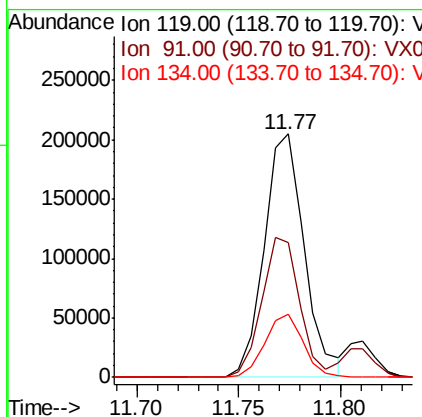
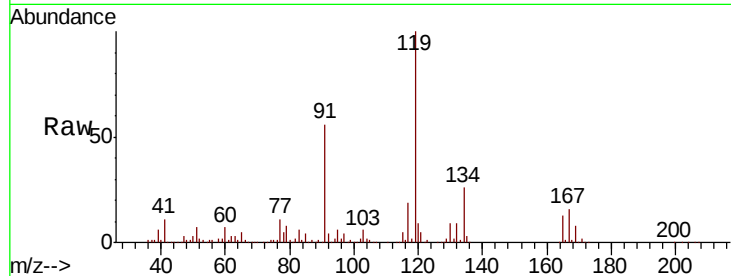




#83
 tert-Butylbenzene
 Concen: 19.66 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

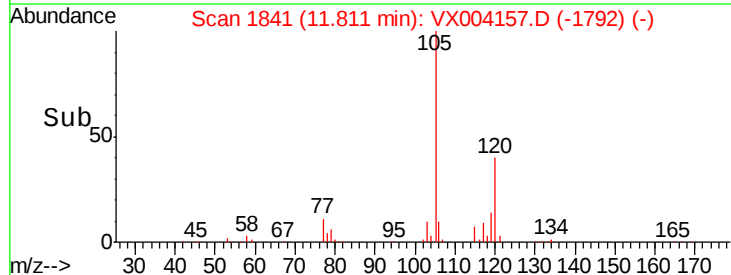
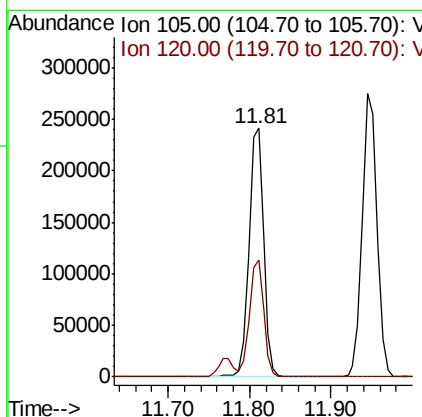
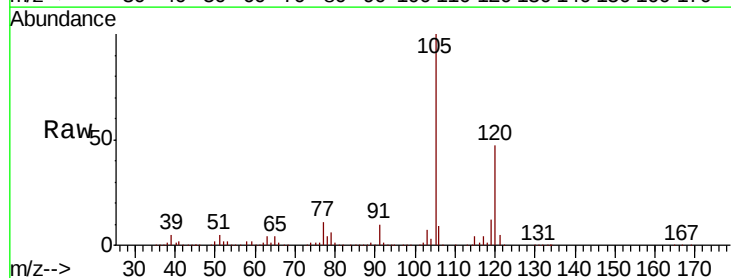
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0820WBSD01

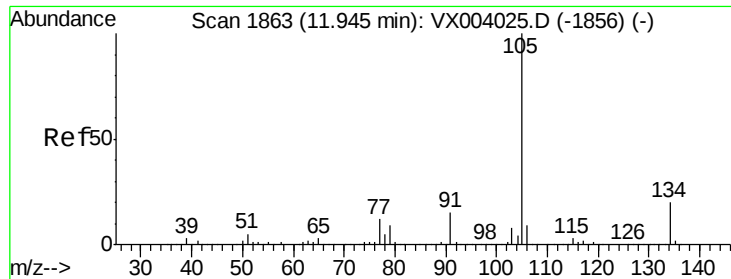
Tot Ion	Ratio	Lower	Upper
119	100		
91	54.2	26.9	80.7
134	24.6	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.44 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.09 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

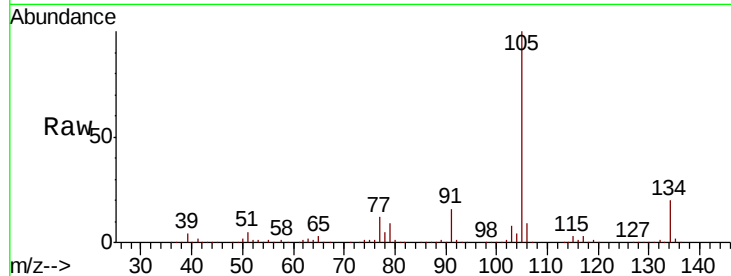
VX0820WBSD01

Tot Ion:105 Resp: 335985

Ion Ratio Lower Upper

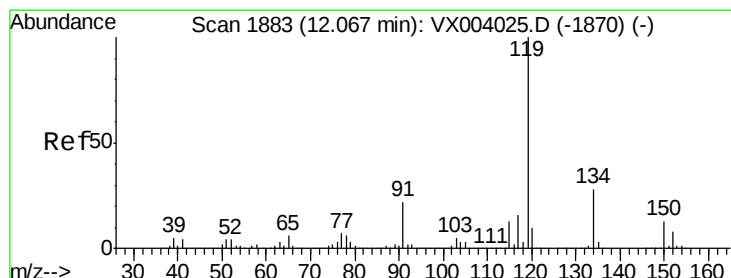
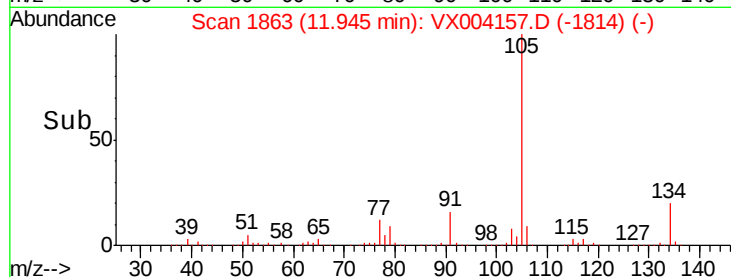
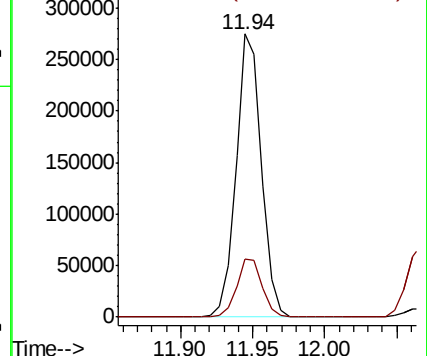
105 100

134 20.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.04 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

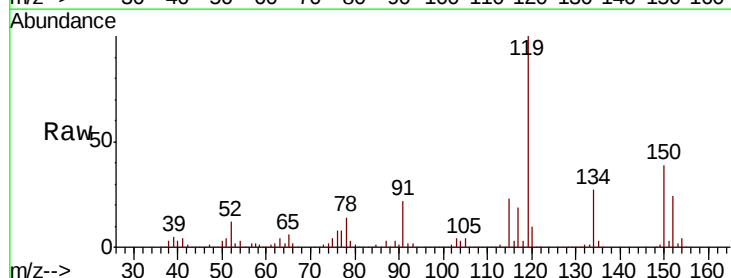
Tgt Ion:119 Resp: 303276

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

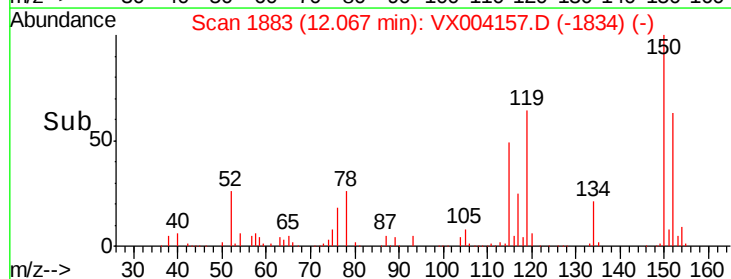
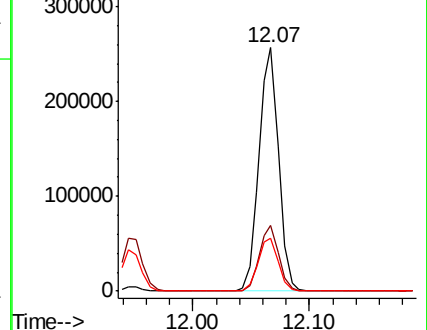
91 22.2 10.9 32.7

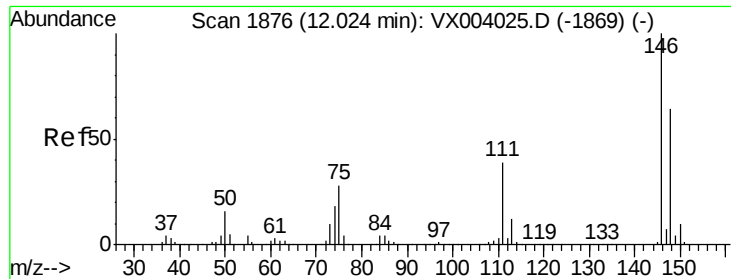


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

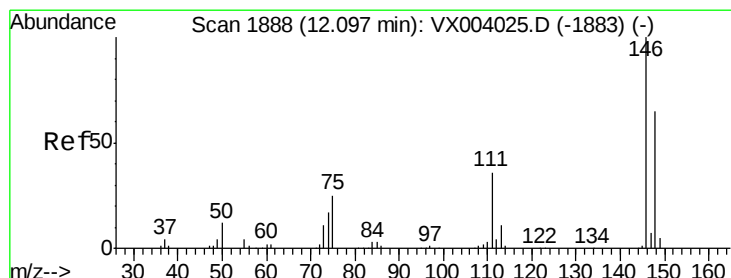
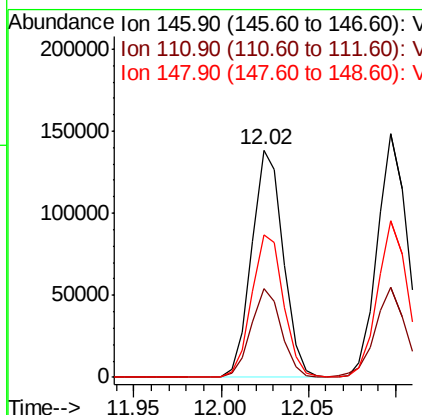
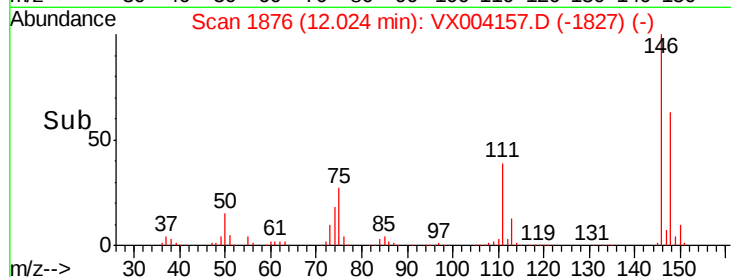
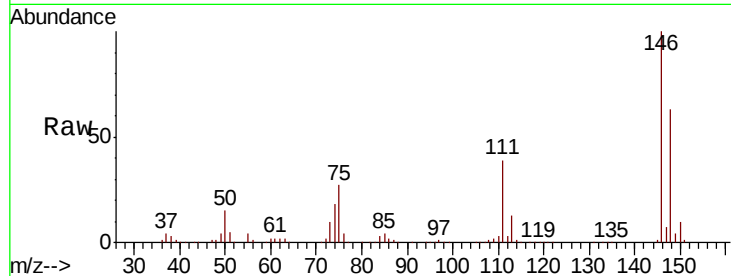




#87
 1,3-Dichlorobenzene
 Concen: 19.09 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

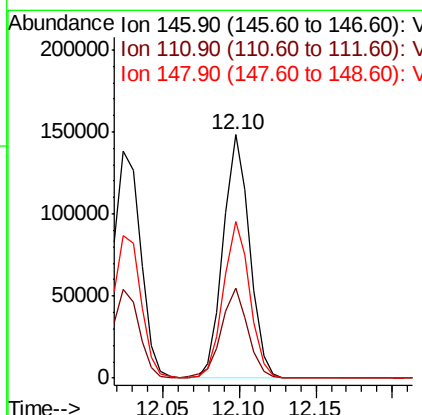
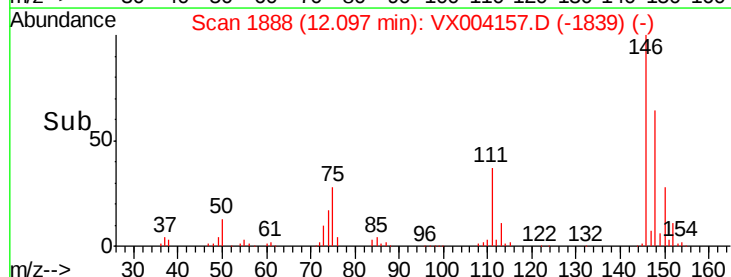
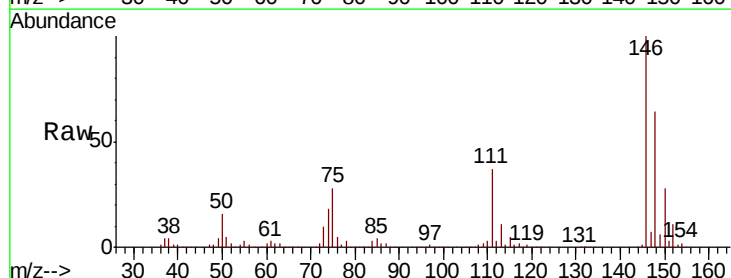
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

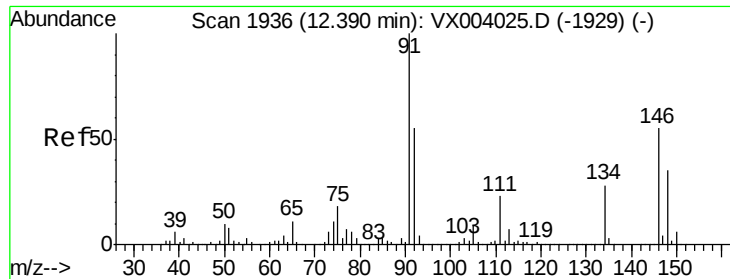
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	63.4	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.90 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.0
148	64.6	32.3	96.8

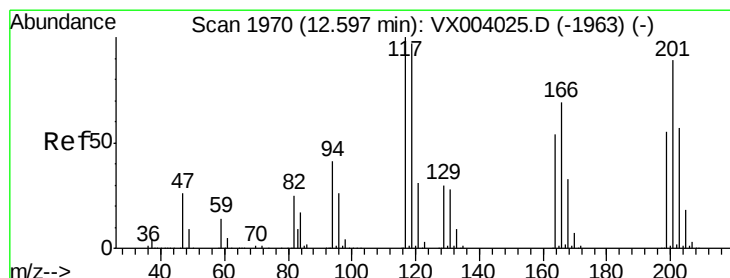
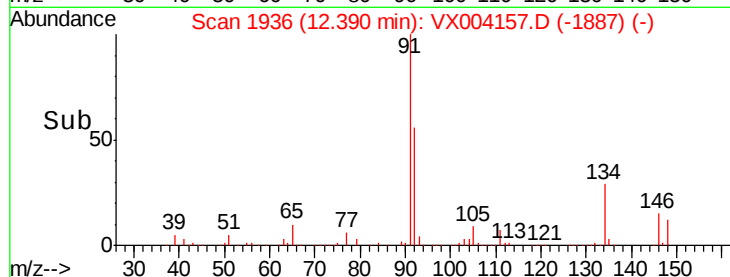
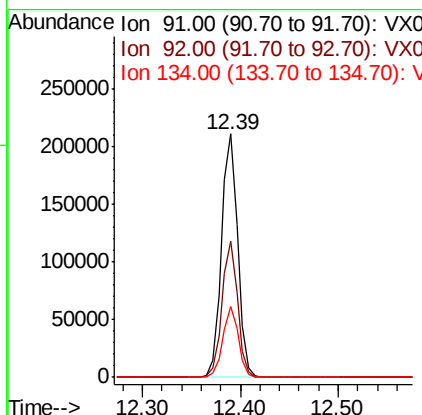
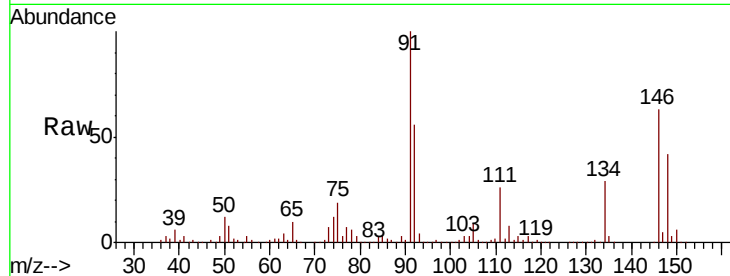




#89
n-Butylbenzene
Concen: 20.26 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

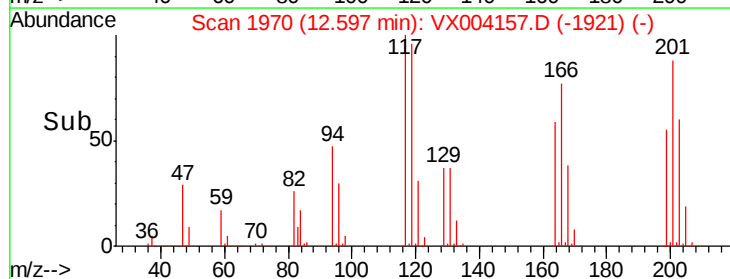
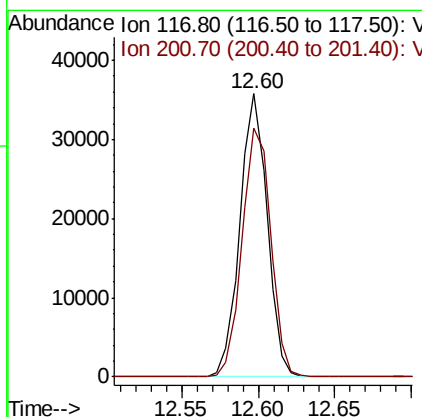
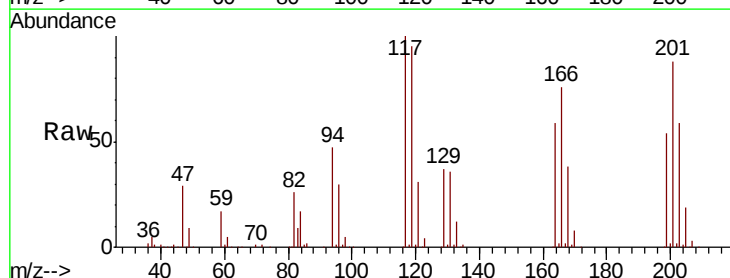
Instrument :
MSVOA_X
ClientSampleID :
VX0820WBSD01

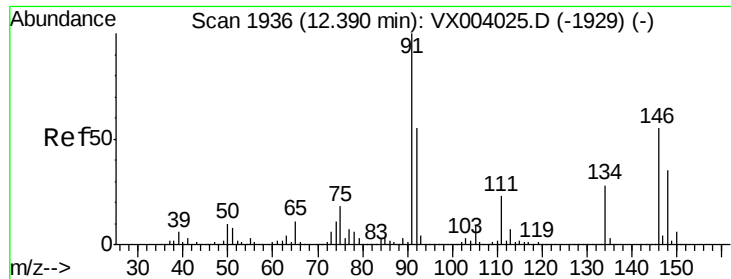
Tot Ion: 91 Resp: 241696
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.3
134 27.8 13.6 40.7



#90
Hexachloroethane
Concen: 19.52 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004157.D
Acq: 20 Aug 2018 17:08

Tgt Ion: 117 Resp: 44218
Ion Ratio Lower Upper
117 100
201 92.5 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 20.96 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampled :

VX0820WBSD01

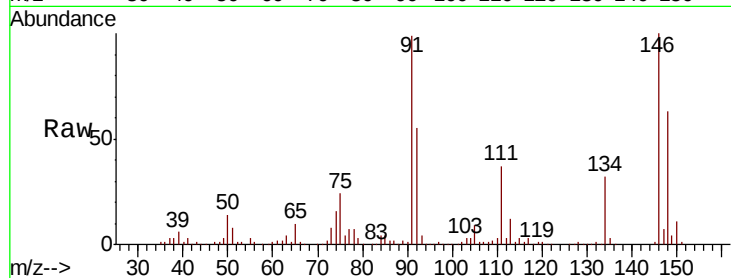
Tot Ion:146 Resp: 171971

Ion Ratio Lower Upper

146 100

111 38.6 19.7 59.0

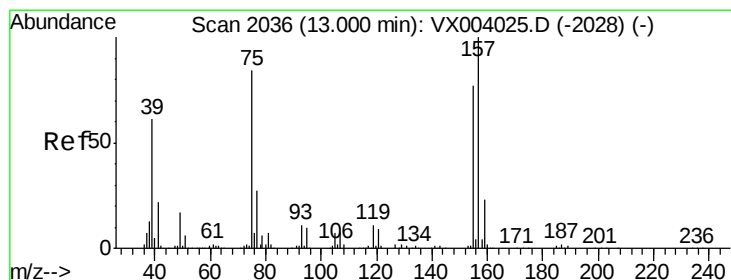
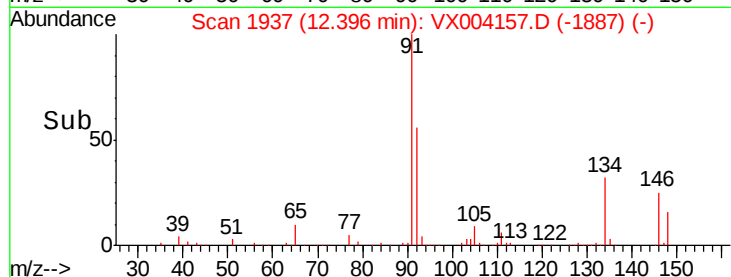
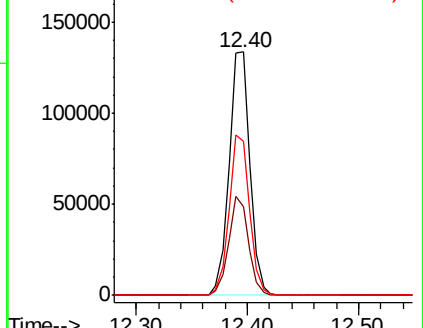
148 64.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.97 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

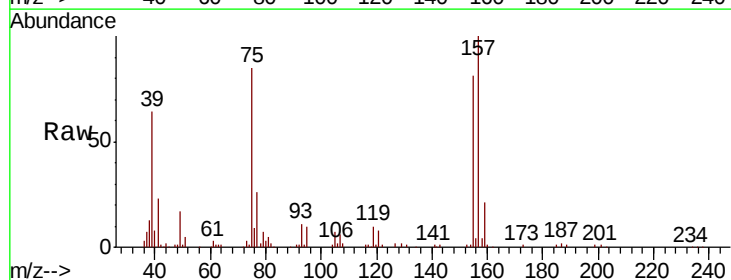
Tgt Ion: 75 Resp: 21207

Ion Ratio Lower Upper

75 100

155 98.4 48.7 146.1

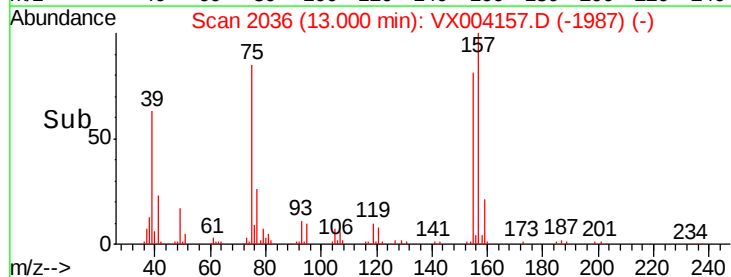
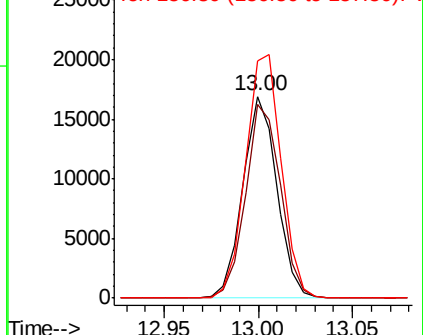
157 126.6 62.6 187.8

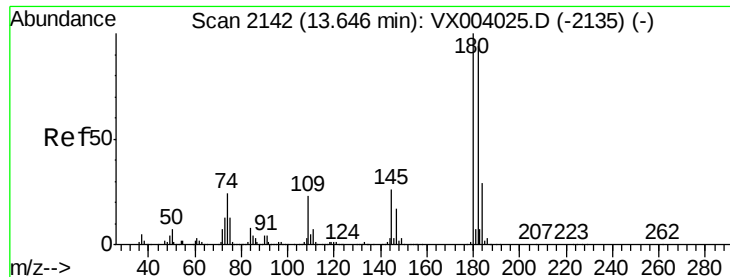


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

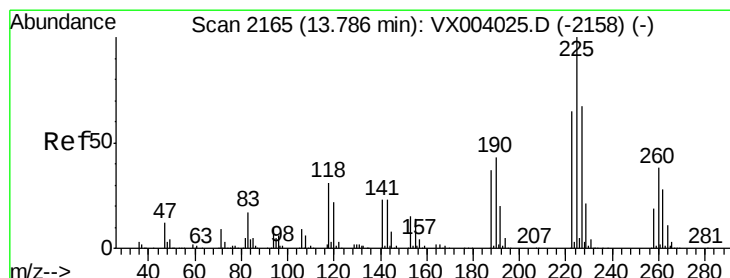
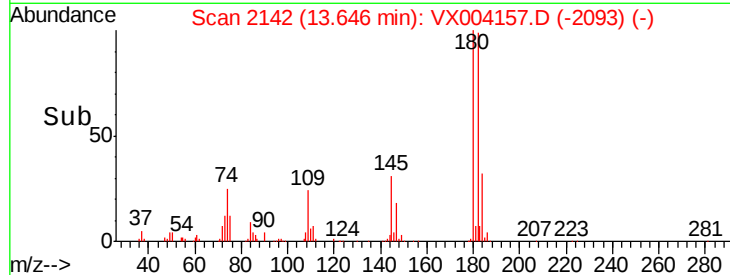
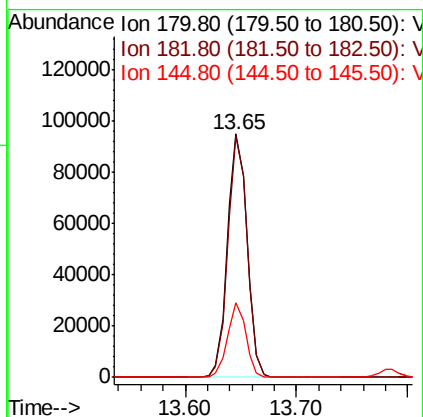
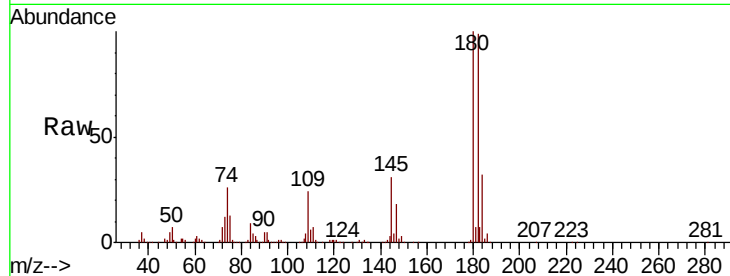




#93
 1,2,4-Trichlorobenzene
 Concen: 20.60 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

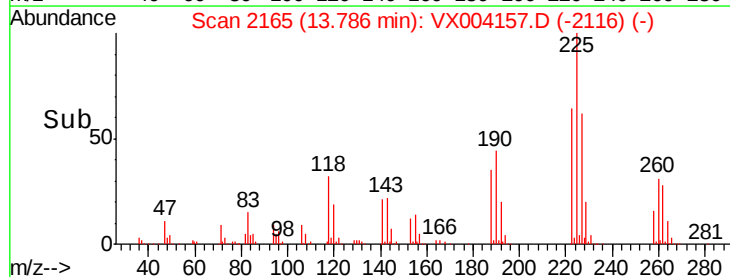
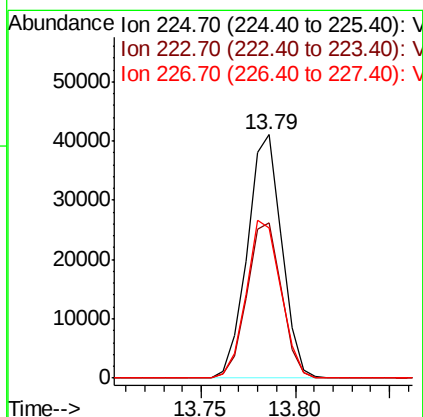
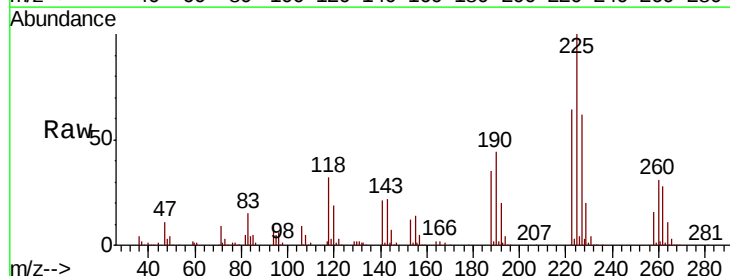
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

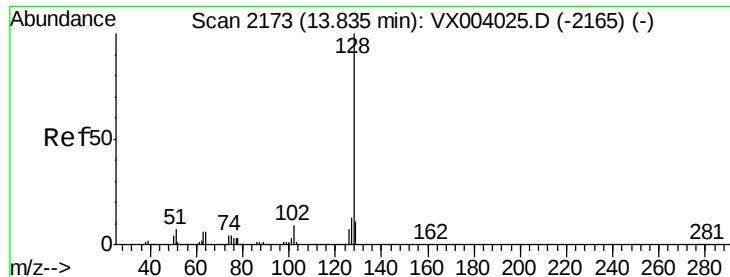
Tot Ion:180 Resp: 115513
 Ion Ratio Lower Upper
 180 100
 182 97.4 47.7 143.1
 145 28.6 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 18.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004157.D
 Acq: 20 Aug 2018 17:08

Tgt Ion:225 Resp: 51901
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.4 94.0
 227 65.6 32.1 96.5





#95

Naphthalene

Concen: 19.45 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

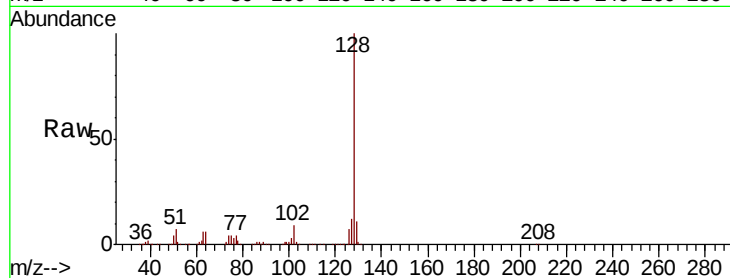
Tot Ion:128 Resp: 334933

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

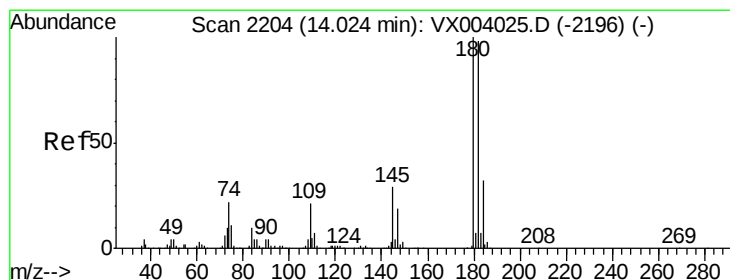
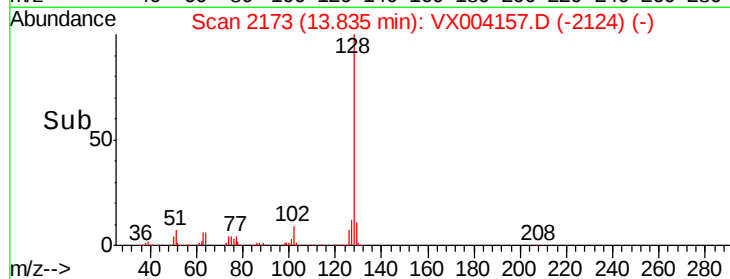
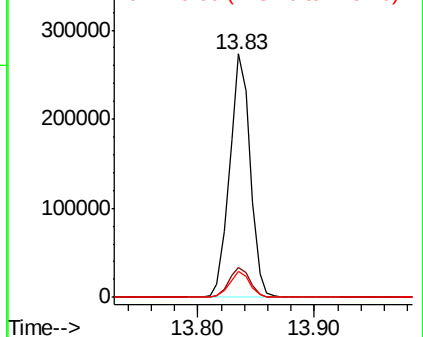
129 10.5 8.8 13.2



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: 18.73 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004157.D

Acq: 20 Aug 2018 17:08

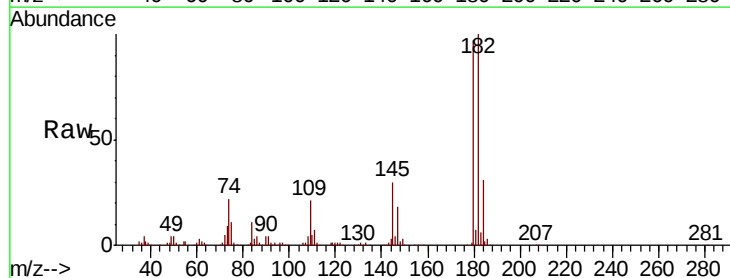
Tgt Ion:180 Resp: 114552

Ion Ratio Lower Upper

180 100

182 99.9 48.1 144.4

145 30.7 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

