

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004526.D
 Acq On : 13 Sep 2018 19:41
 Operator : JC/MD
 Sample : VX0913WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Quant Time: Sep 14 03:56:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181658	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	5.51	113	158804	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	8.71	98	536722	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.14	95	190583	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51340	20.01	ug/l	97
3) Chloromethane	1.32	50	67774	19.19	ug/l	97
4) Vinyl Chloride	1.40	62	70300	19.39	ug/l	99
5) Bromomethane	1.64	94	35591	22.81	ug/l	92
6) Chloroethane	1.72	64	44500	18.98	ug/l	100
7) Trichlorofluoromethane	1.93	101	93583	19.47	ug/l	93
8) Diethyl Ether	2.19	74	40867	18.97	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59236	19.43	ug/l	98
10) Methyl Iodide	2.51	142	59937	19.30	ug/l	98
11) Tert butyl alcohol	3.07	59	79651	94.54	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55192	19.29	ug/l	94
13) Acrolein	2.29	56	31301	94.12	ug/l	96
14) Allyl chloride	2.73	41	112252	19.08	ug/l	95
15) Acrylonitrile	3.15	53	193955	95.60	ug/l	99
16) Acetone	2.45	43	153153	88.87	ug/l	98
17) Carbon Disulfide	2.57	76	153323	18.54	ug/l	100
18) Methyl Acetate	2.78	43	93840	19.41	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	193709	19.30	ug/l	95
20) Methylene Chloride	2.85	84	67013	18.96	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	60878	19.26	ug/l	98
22) Diisopropyl ether	3.87	45	203088	19.17	ug/l	95
23) Vinyl Acetate	3.82	43	826159	96.36	ug/l	99
24) 1,1-Dichloroethane	3.70	63	116131	19.42	ug/l	98
25) 2-Butanone	4.70	43	239738	87.41	ug/l	94
26) 2,2-Dichloropropane	4.58	77	76256	18.56	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	69671	19.74	ug/l	98
28) Bromochloromethane	5.02	49	59569	21.77	ug/l	95
29) Tetrahydrofuran	5.15	42	160819	97.23	ug/l	97
30) Chloroform	5.21	83	113843	19.50	ug/l	96
31) Cyclohexane	5.57	56	100405	19.66	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	94702	20.14	ug/l	99
36) 1,1-Dichloropropene	5.80	75	84711	20.25	ug/l	99
37) Ethyl Acetate	4.86	43	92145	19.37	ug/l	100
38) Carbon Tetrachloride	5.79	117	80611	19.73	ug/l	94

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Instrument :
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 ClientSampleId :
 VX0913WBSD01

Quant Time: Sep 14 03:56:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84956	19.46	ug/l	96
40) Benzene	6.15	78	258102	20.80	ug/l	97
41) Methacrylonitrile	5.06	41	50812	19.39	ug/l	99
42) 1,2-Dichloroethane	6.19	62	83407	20.26	ug/l	100
43) Isopropyl Acetate	6.46	43	123831	19.60	ug/l	99
44) Trichloroethene	7.21	130	62450	19.37	ug/l	95
45) 1,2-Dichloropropane	7.52	63	58943	19.74	ug/l	99
46) Dibromomethane	7.66	93	37480	19.87	ug/l	99
47) Bromodichloromethane	7.90	83	69302	19.43	ug/l	100
48) Methyl methacrylate	7.78	41	60261	19.27	ug/l	98
49) 1,4-Dioxane	7.76	88	28914	390.68	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	403188	90.42	ug/l	99
52) Toluene	8.79	92	145278	19.87	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	84555	20.29	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	84100	19.80	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	64249	20.41	ug/l	96
56) Ethyl methacrylate	9.18	69	90996	20.43	ug/l	97
57) 1,3-Dichloropropane	9.37	76	108825	21.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217148	100.18	ug/l	96
59) 2-Hexanone	9.50	43	330031	96.50	ug/l	96
60) Dibromochloromethane	9.59	129	59891	20.21	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60807	20.22	ug/l	97
64) Tetrachloroethene	9.34	164	82885	20.42	ug/l	91
65) Chlorobenzene	10.14	112	156534	19.39	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	53899	19.36	ug/l	99
67) Ethyl Benzene	10.26	91	259265	19.75	ug/l	98
68) m/p-Xylenes	10.36	106	205421	40.62	ug/l	97
69) o-Xylene	10.70	106	96885	19.93	ug/l	98
70) Styrene	10.71	104	162113	20.13	ug/l	98
71) Bromoform	10.86	173	42278	18.49	ug/l #	98
73) Isopropylbenzene	11.02	105	264678	20.73	ug/l	100
74) N-amyl acetate	10.90	43	101622	18.91	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	81883	19.88	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	94620	24.26	ug/l	89
77) Bromobenzene	11.26	156	71322	20.21	ug/l	98
78) n-propylbenzene	11.36	91	302268	20.59	ug/l	99
79) 2-Chlorotoluene	11.42	91	181627	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	221472	20.63	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	22702	18.55	ug/l	99
82) 4-Chlorotoluene	11.51	91	210207	20.23	ug/l	99
83) tert-Butylbenzene	11.77	119	209882	20.54	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	229252	20.92	ug/l	99
85) sec-Butylbenzene	11.94	105	268932	20.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	236390	20.56	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	130473	19.81	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	132971	19.54	ug/l	99
89) n-Butylbenzene	12.39	91	200320	19.12	ug/l	97
90) Hexachloroethane	12.60	117	34406	18.69	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132258	19.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16900	19.22	ug/l	99

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VX0913WBSD01

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

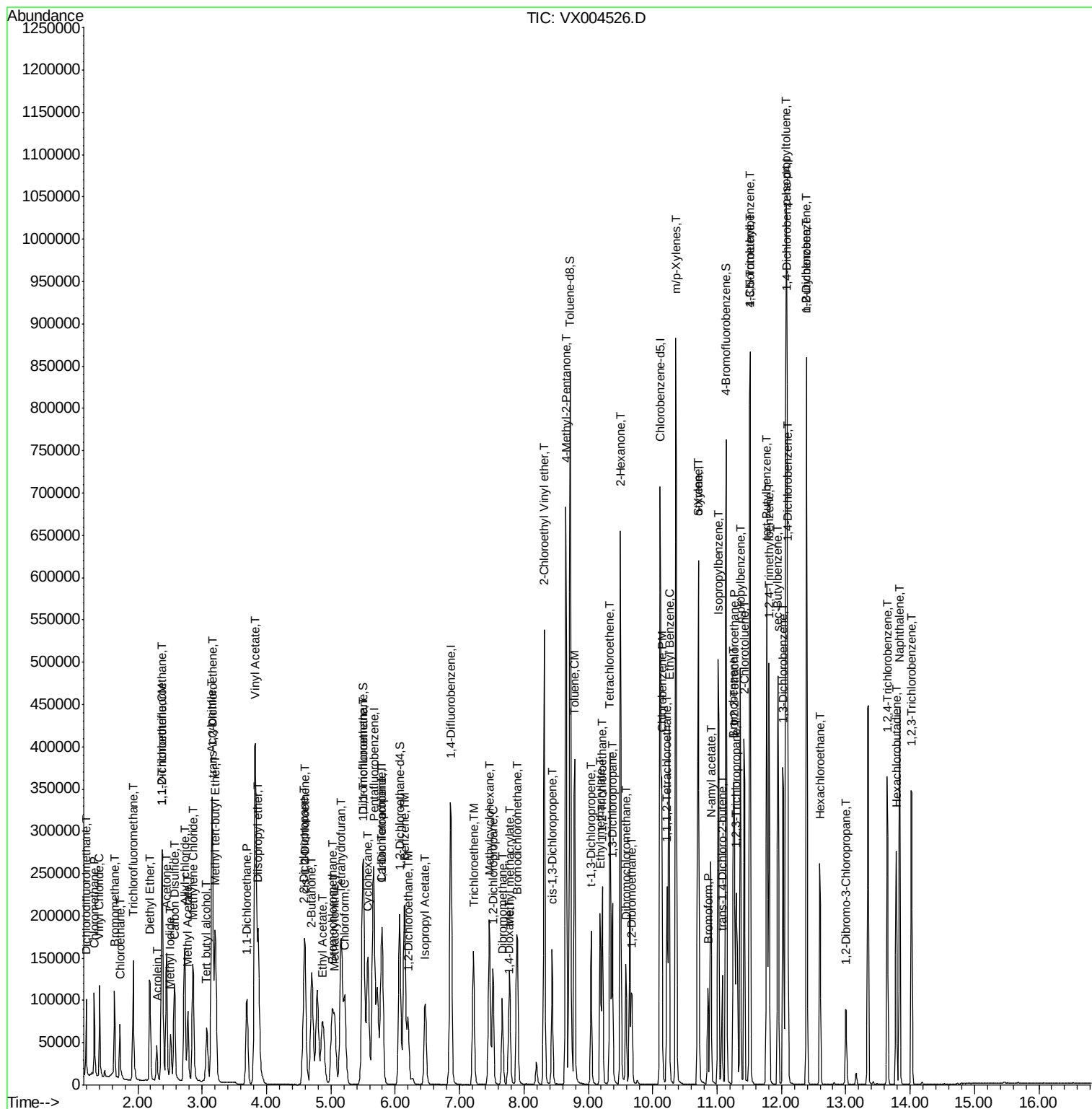
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92635	19.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	46811	18.99	ug/l	96
95) Naphthalene	13.83	128	267269	20.19	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96182	19.84	ug/l	99

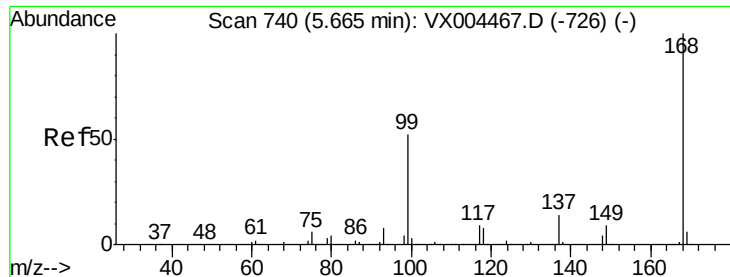
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004526.D
Acq On : 13 Sep 2018 19:41
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0913WBSD01

Quant Time: Sep 14 03:56:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

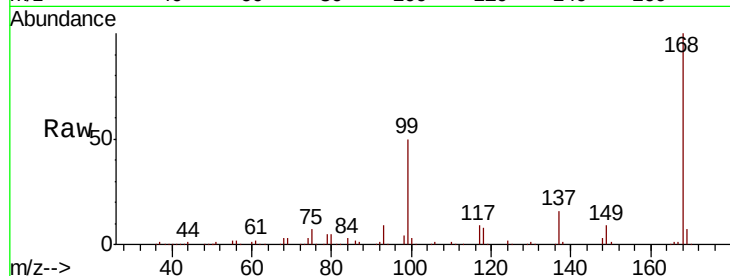
VX0913WBSD01

Tot Ion:168 Resp: 273827

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

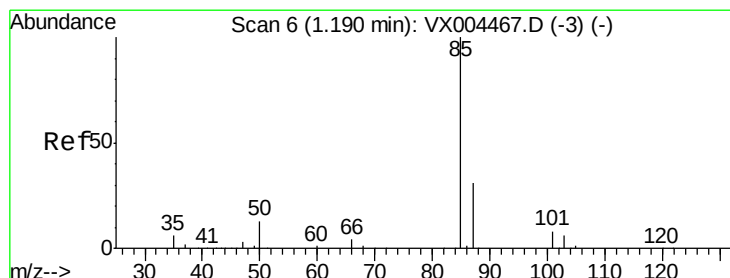
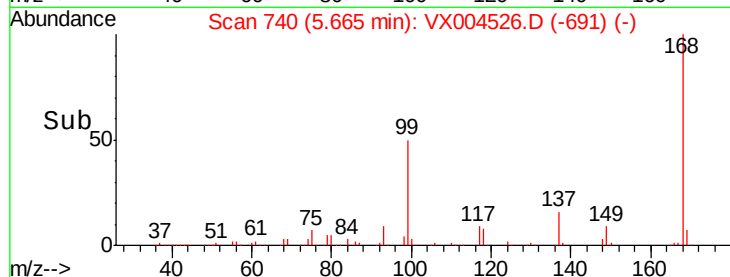
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.01 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004526.D

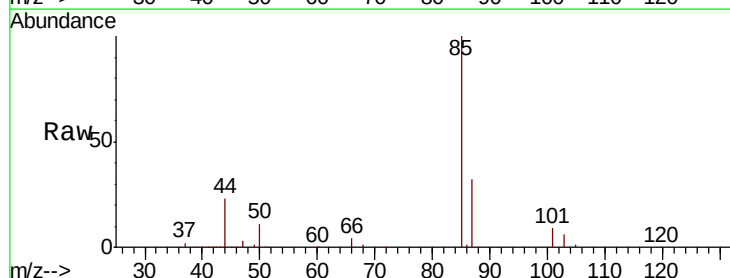
Acq: 13 Sep 2018 19:41

Tgt Ion: 85 Resp: 51340

Ion Ratio Lower Upper

85 100

87 32.1 17.0 50.9



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

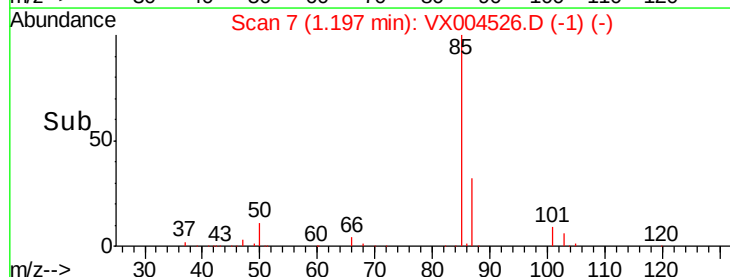
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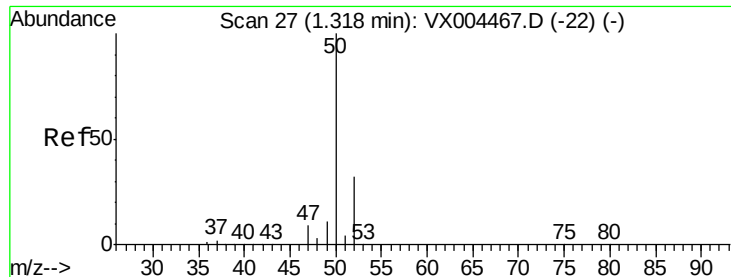
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.19 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

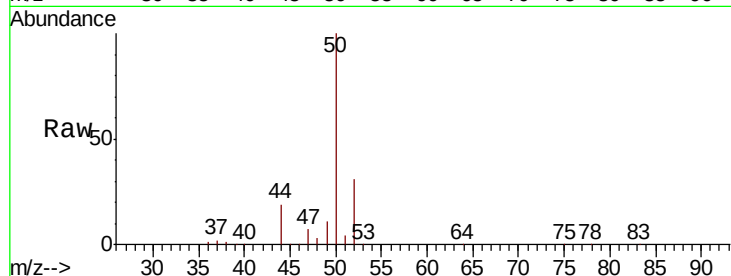
VX0913WBSD01

Tot Ion: 50 Resp: 67774

Ion Ratio Lower Upper

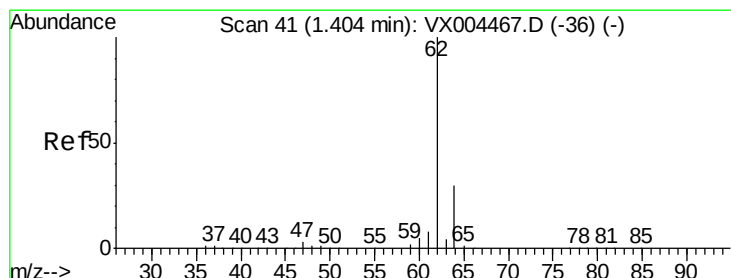
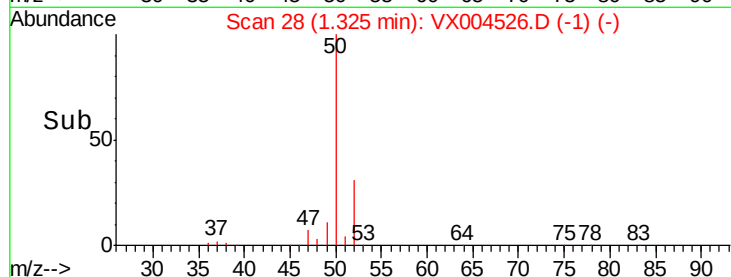
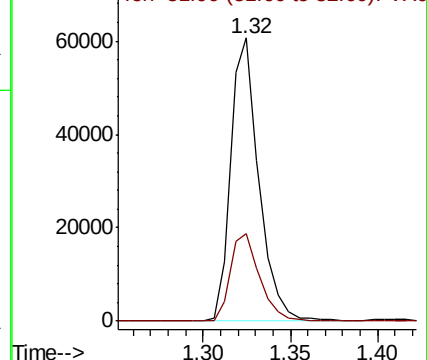
50 100

52 31.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.39 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004526.D

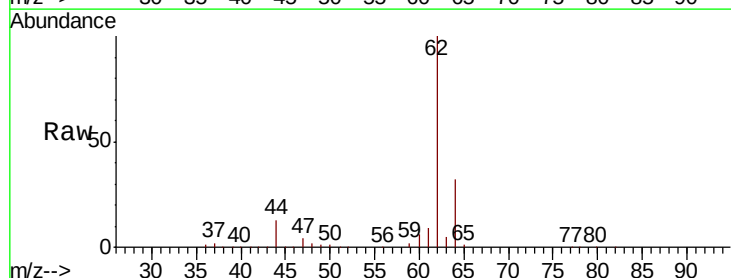
Acq: 13 Sep 2018 19:41

Tgt Ion: 62 Resp: 70300

Ion Ratio Lower Upper

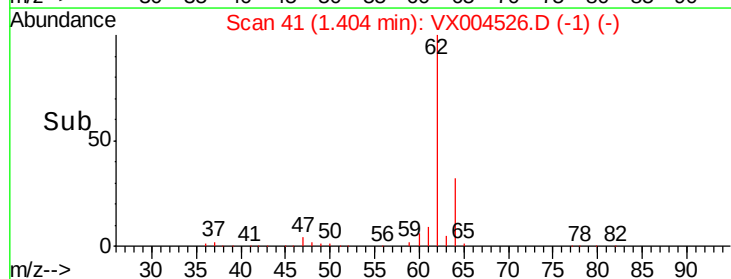
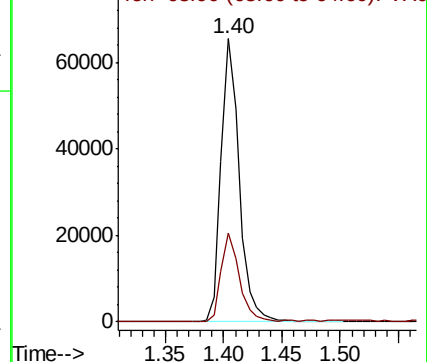
62 100

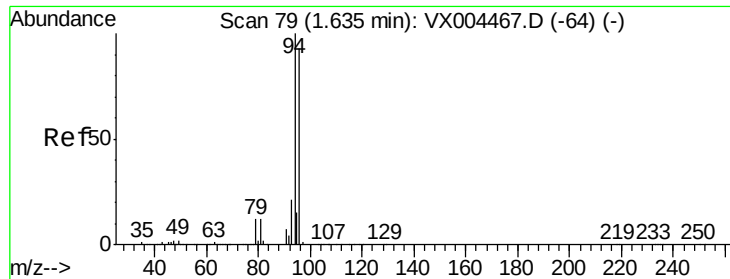
64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.81 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

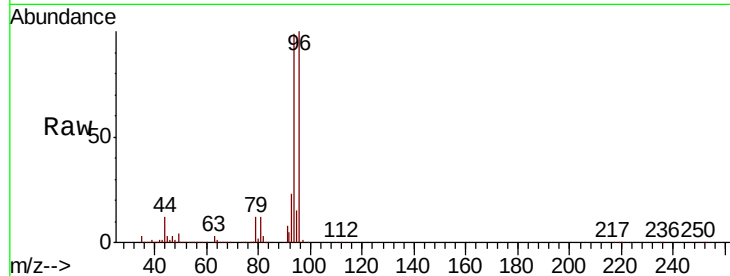
VX0913WBSD01

Tot Ion: 94 Resp: 35591

Ion Ratio Lower Upper

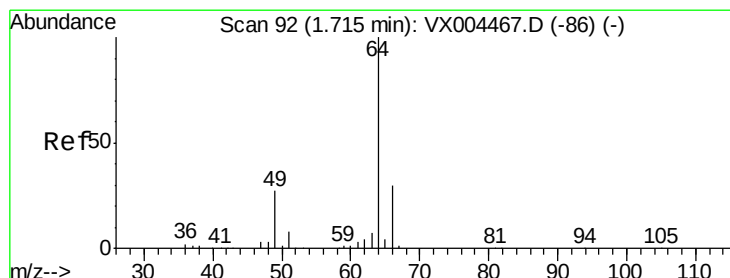
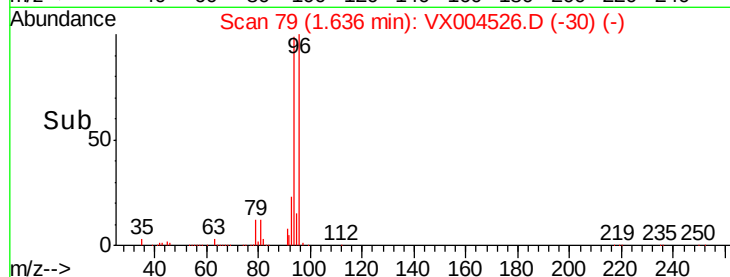
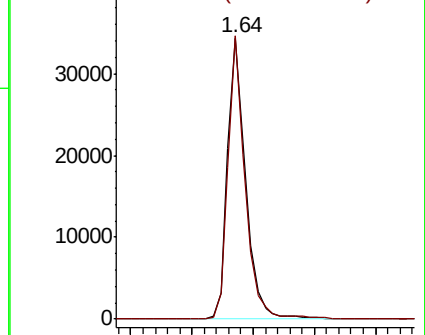
94 100

96 100.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.98 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004526.D

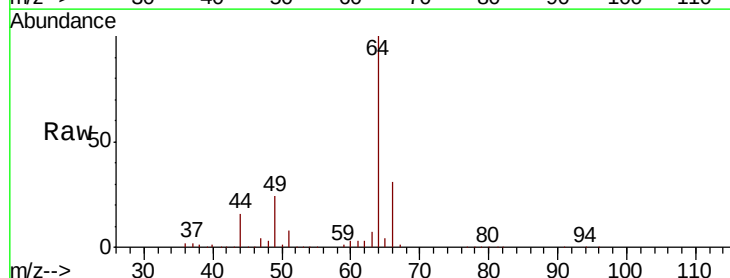
Acq: 13 Sep 2018 19:41

Tgt Ion: 64 Resp: 44500

Ion Ratio Lower Upper

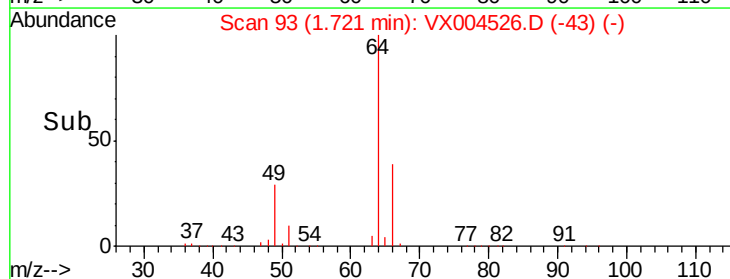
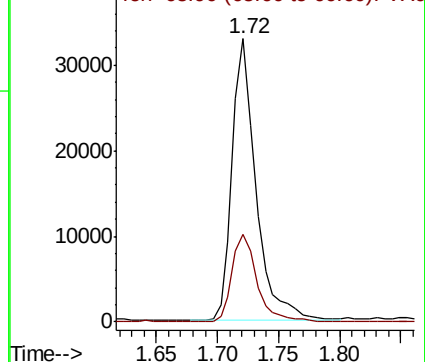
64 100

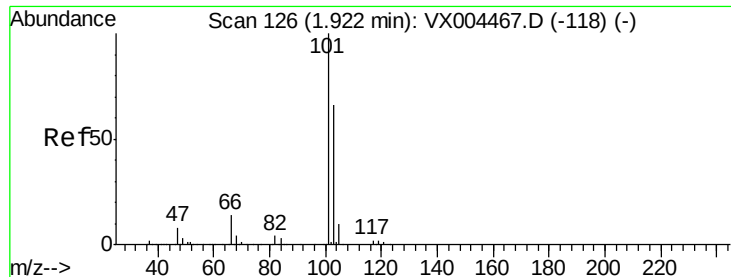
66 30.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



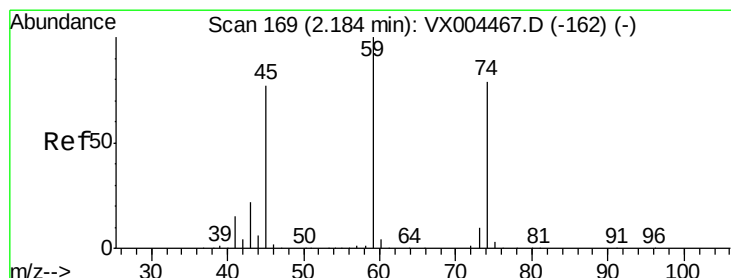
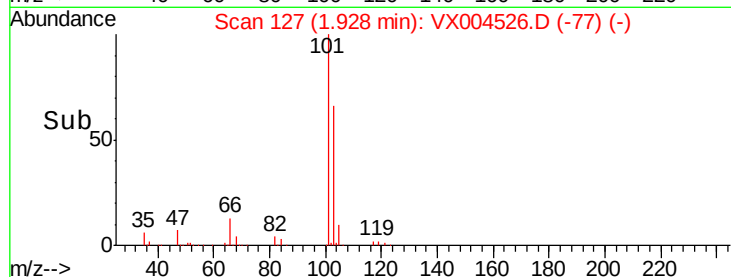
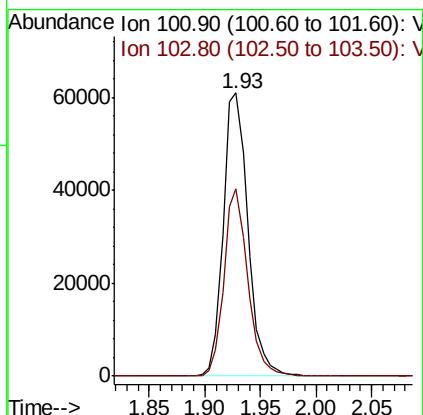
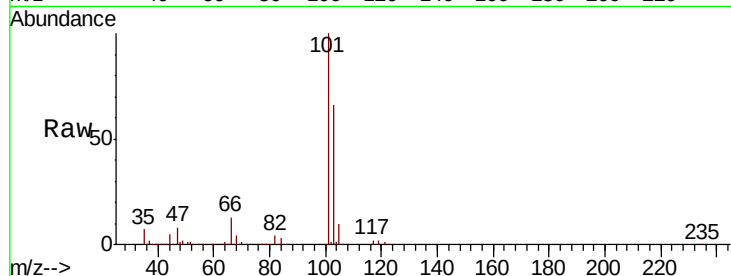


#7

Trichlorofluoromethane
Concen: 19.47 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

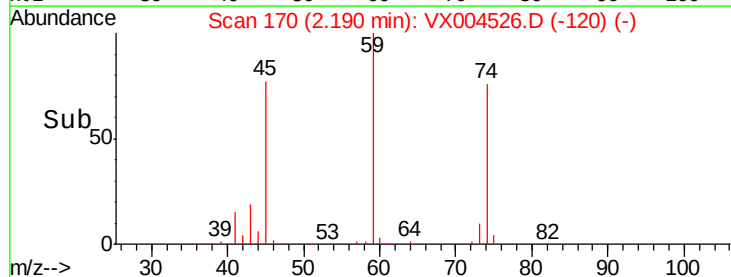
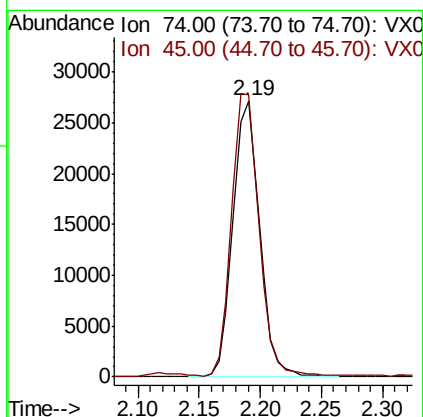
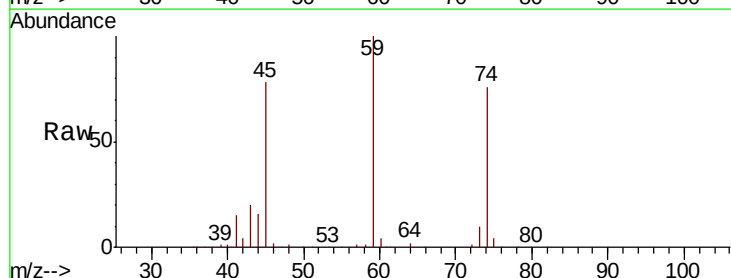
Tot Ion:101 Resp: 93583
Ion Ratio Lower Upper
101 100
103 66.4 48.9 73.3

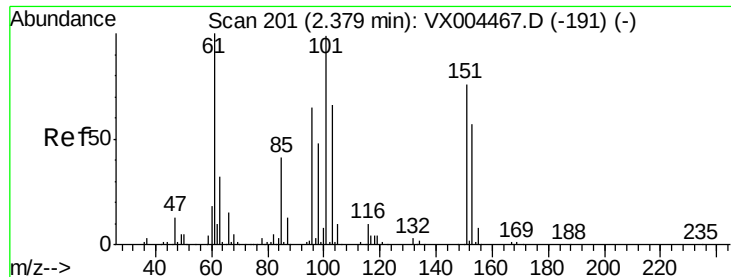


#8

Diethyl Ether
Concen: 18.97 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 74 Resp: 40867
Ion Ratio Lower Upper
74 100
45 105.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.43 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

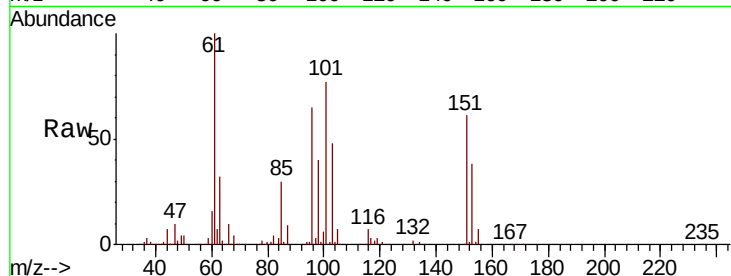
Tot Ion:101 Resp: 59236

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.4

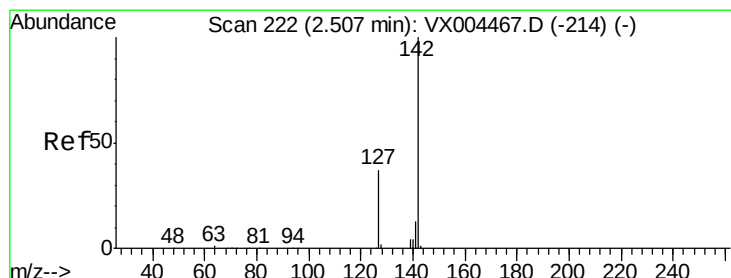
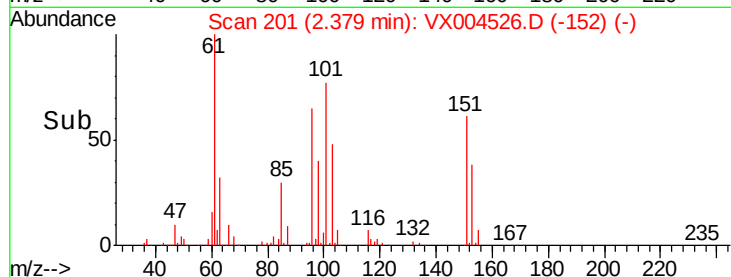
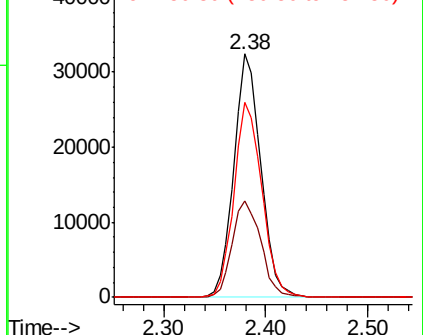
151 83.0 65.0 97.6



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: 19.30 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

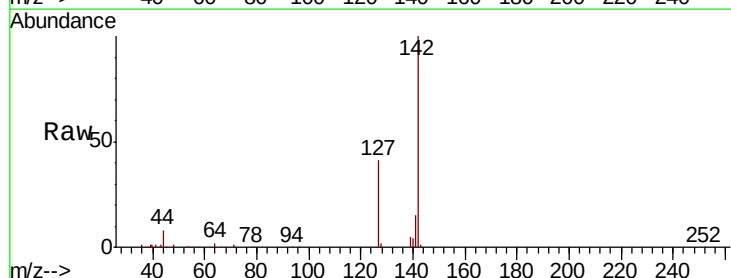
Tgt Ion:142 Resp: 59937

Ion Ratio Lower Upper

142 100

127 40.4 33.8 50.6

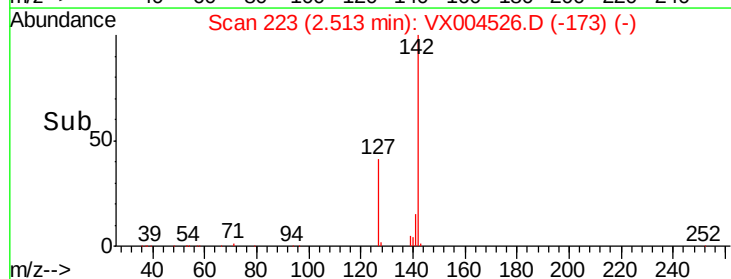
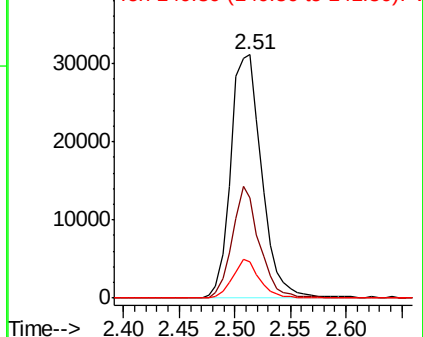
141 14.0 11.4 17.0

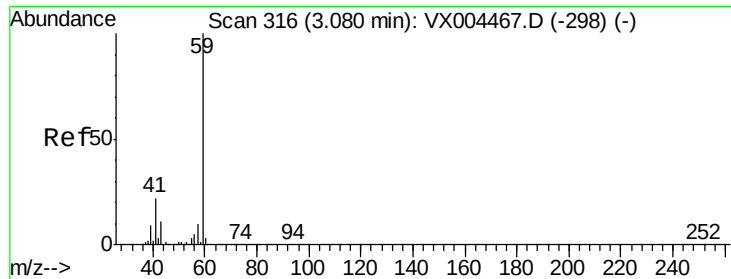


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



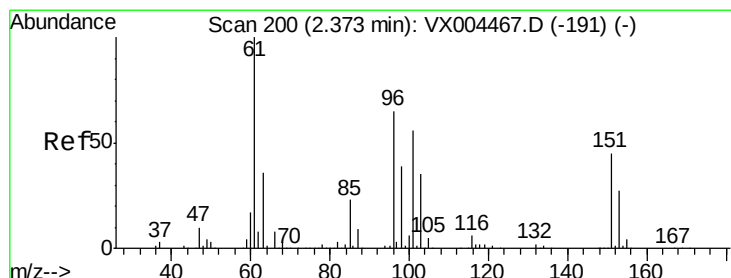
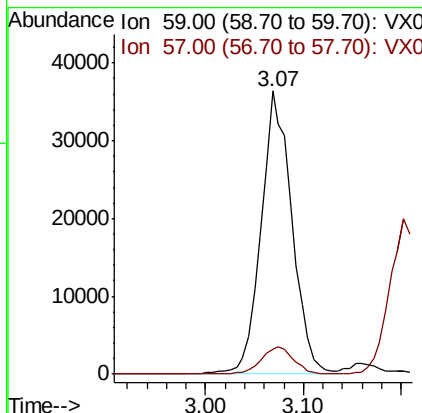
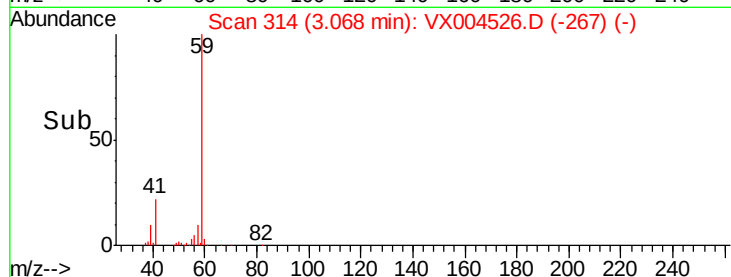
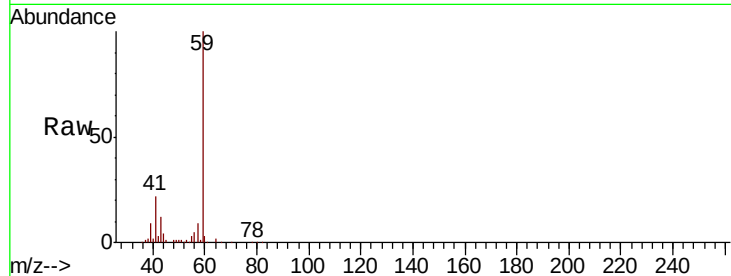


#11

Tert butyl alcohol
 Concen: 94.54 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

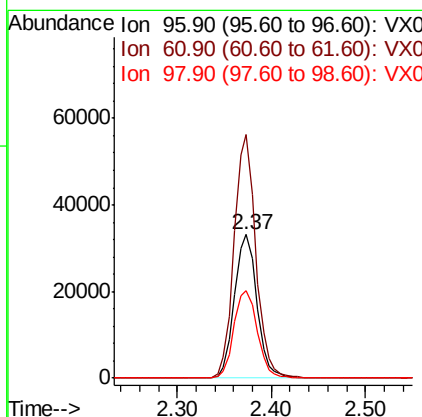
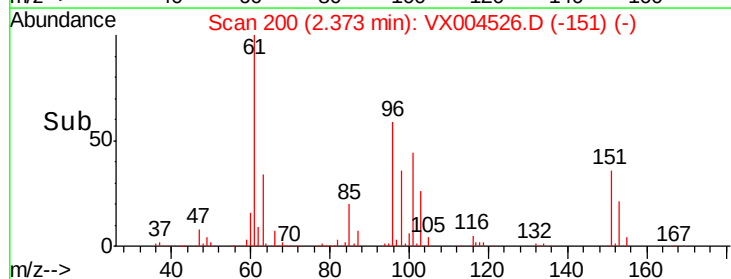
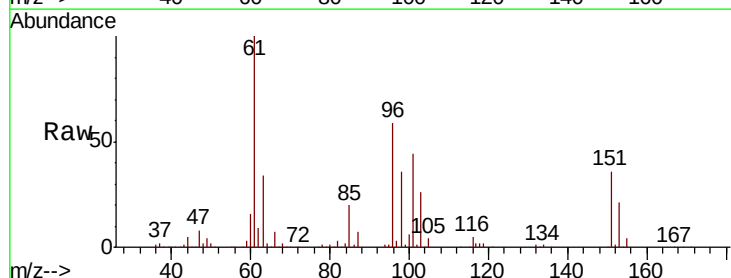
Tot Ion: 59 Resp: 79651
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

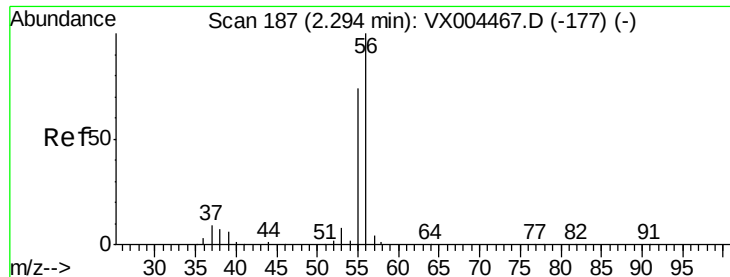


#12

1,1-Dichloroethene
 Concen: 19.29 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion: 96 Resp: 55192
 Ion Ratio Lower Upper
 96 100
 61 170.1 128.8 193.2
 98 60.9 52.2 78.2

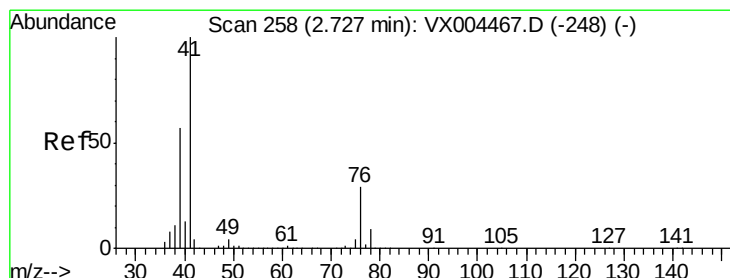
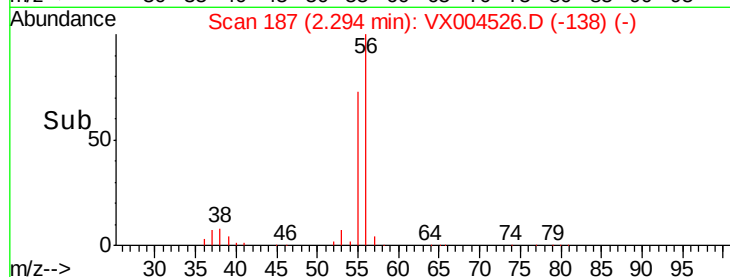
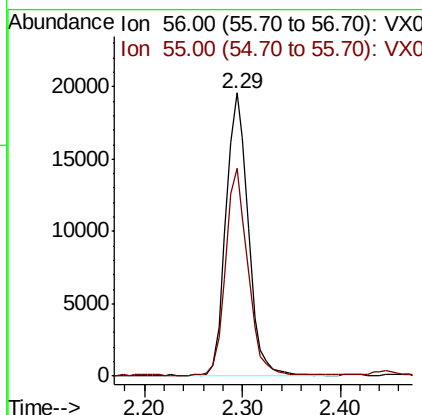
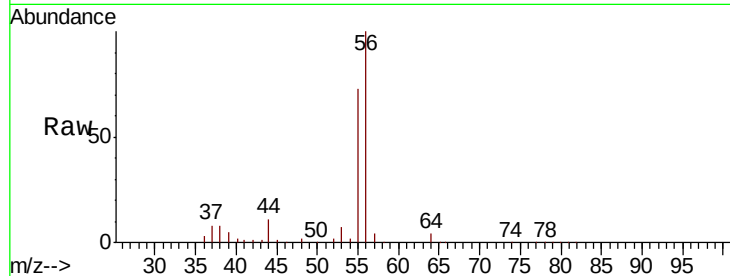




#13
Acrolein
Concen: 94.12 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

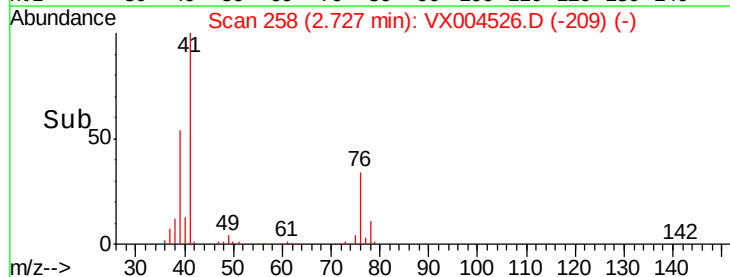
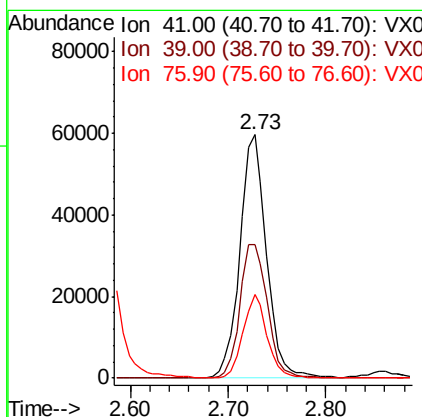
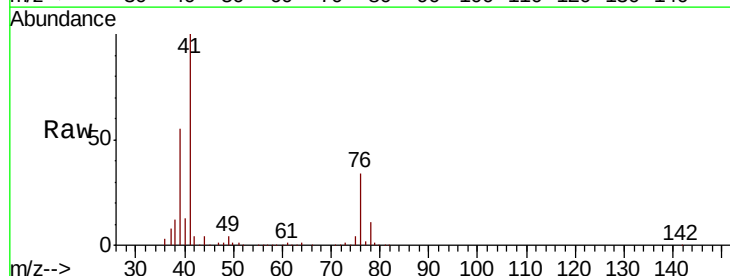
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

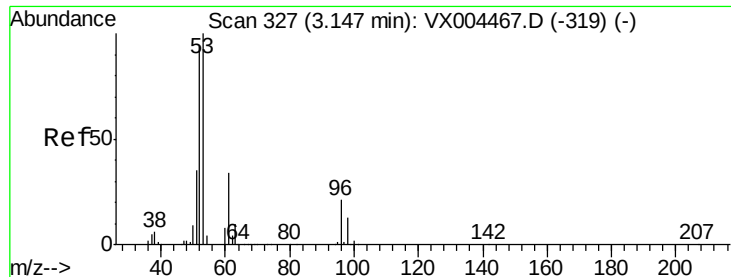
Tot Ion: 56 Resp: 31301
Ion Ratio Lower Upper
56 100
55 71.9 54.7 82.1



#14
Allyl chloride
Concen: 19.08 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 41 Resp: 112252
Ion Ratio Lower Upper
41 100
39 56.6 48.9 73.3
76 31.3 26.7 40.1





#15

Acrylonitrile

Concen: 95.60 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

VX0913WBSD01

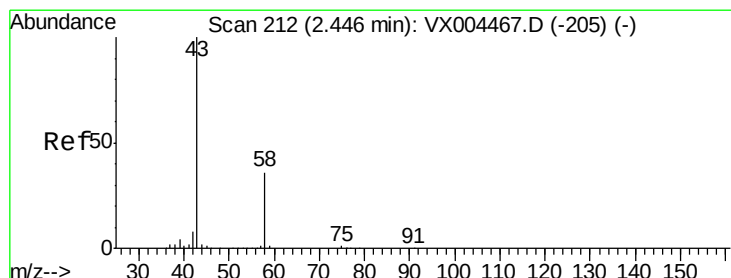
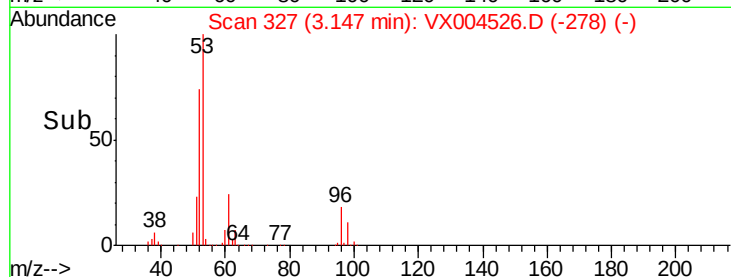
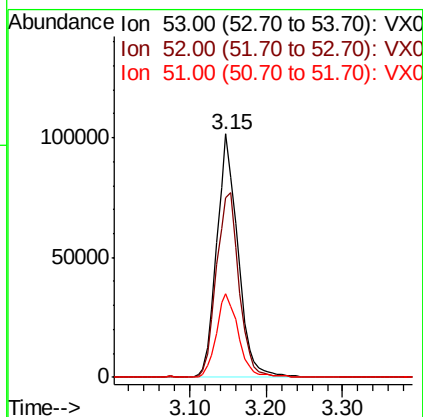
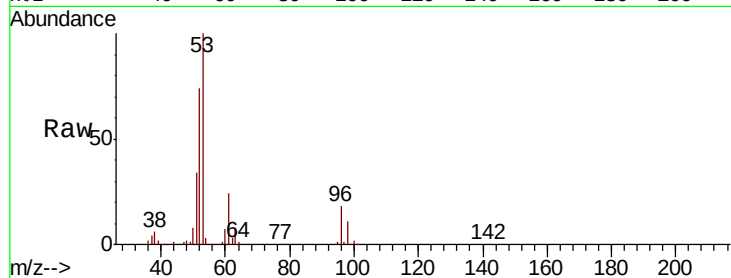
Tot Ion: 53 Resp: 193955

Ion Ratio Lower Upper

53 100

52 80.6 65.2 97.8

51 35.7 28.2 42.2



#16

Acetone

Concen: 88.87 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004526.D

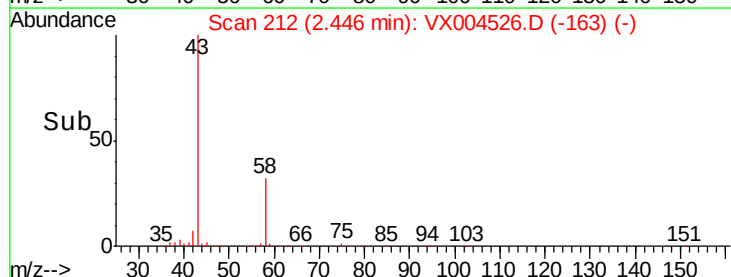
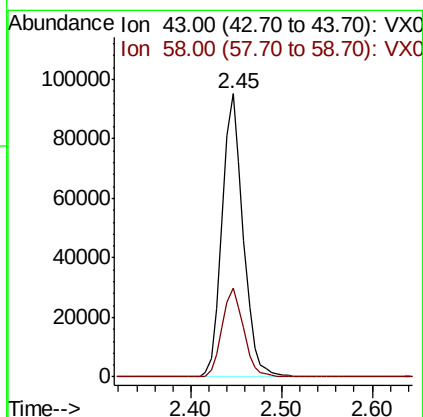
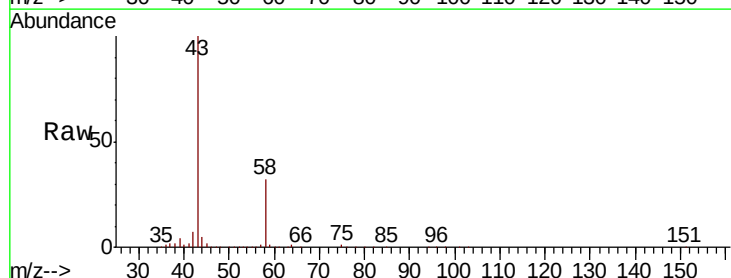
Acq: 13 Sep 2018 19:41

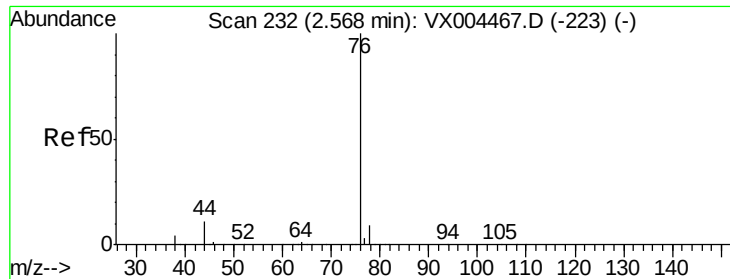
Tgt Ion: 43 Resp: 153153

Ion Ratio Lower Upper

43 100

58 31.6 26.2 39.4

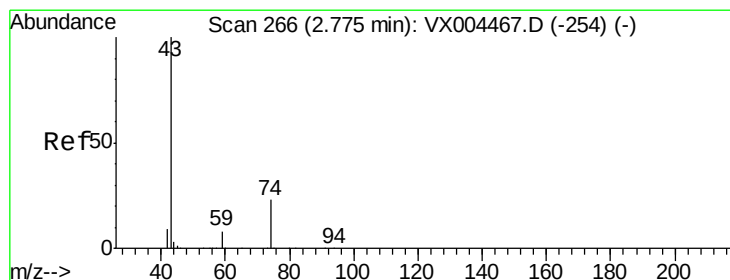
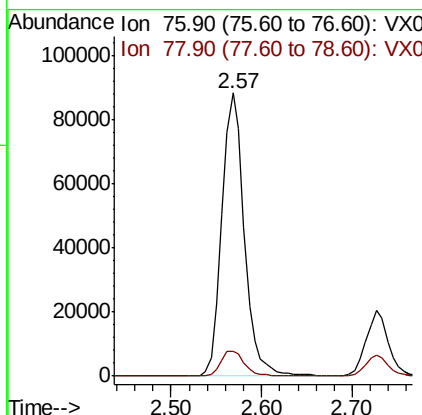
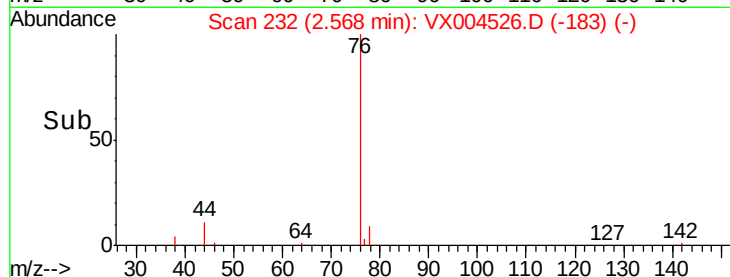
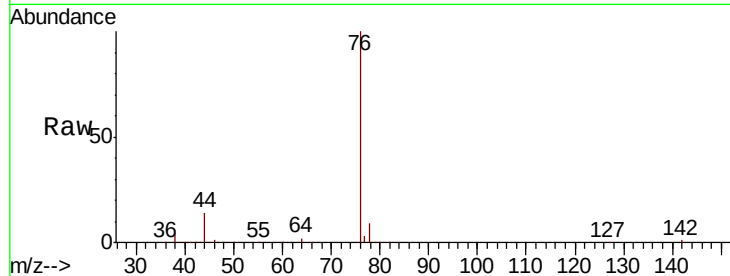




#17
Carbon Disulfide
Concen: 18.54 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

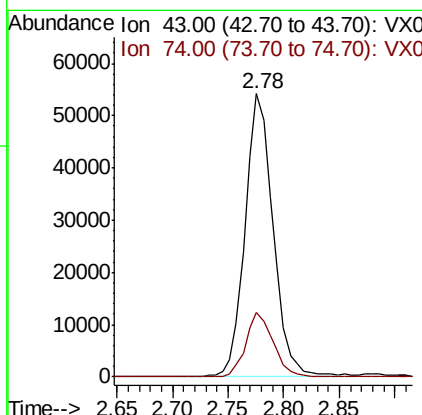
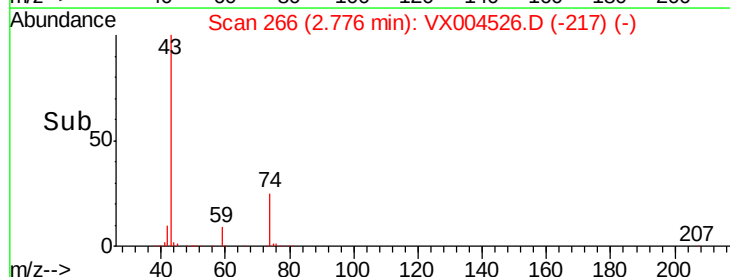
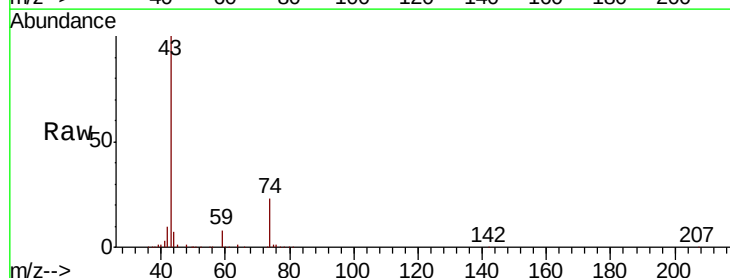
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

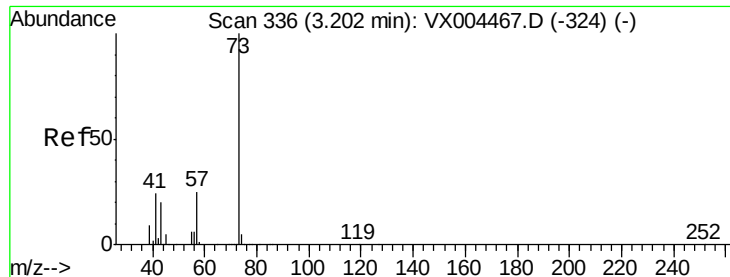
Tot Ion: 76 Resp: 153323
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 19.41 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 43 Resp: 93840
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2

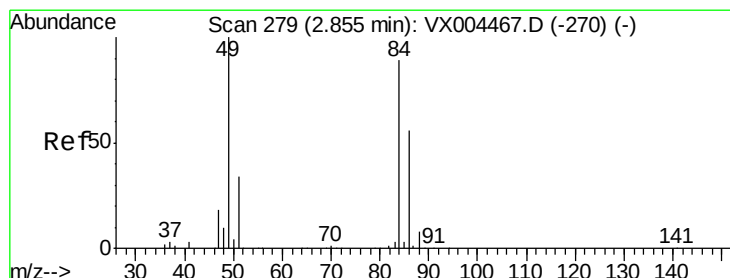
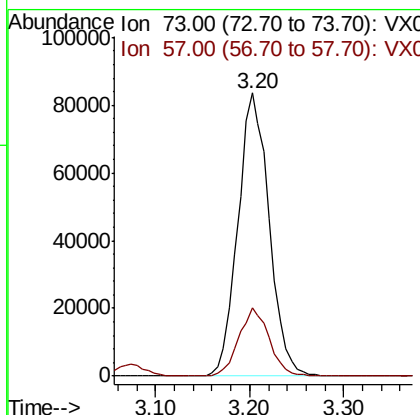
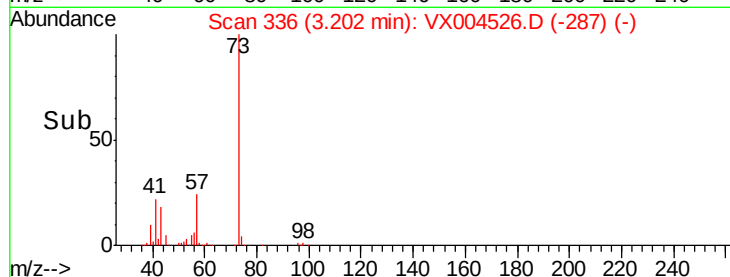
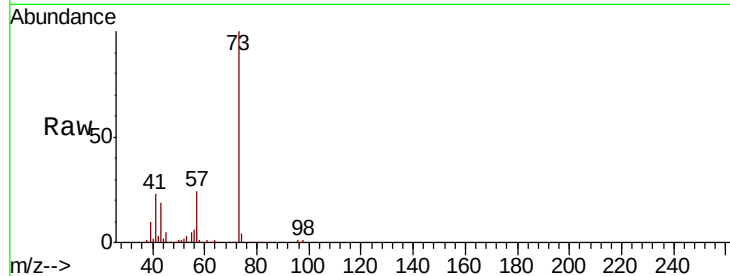




#19
Methyl tert-butyl Ether
Concen: 19.30 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

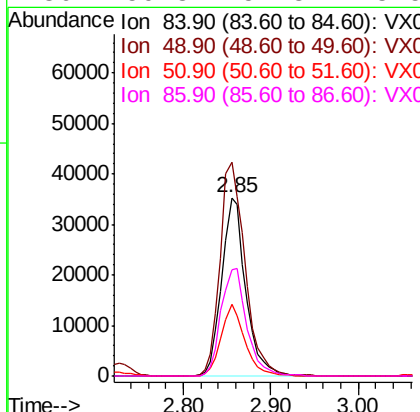
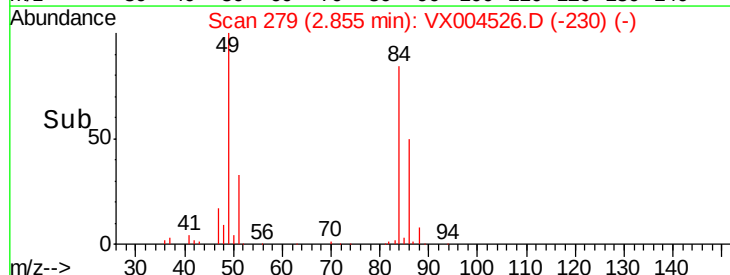
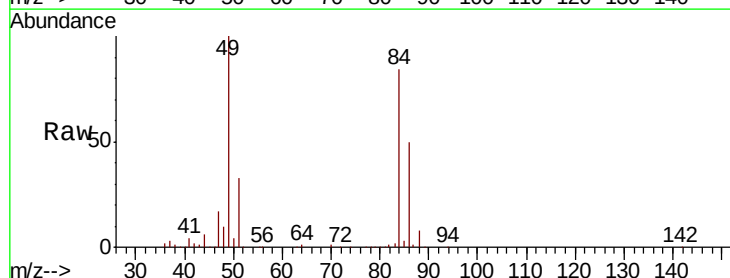
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

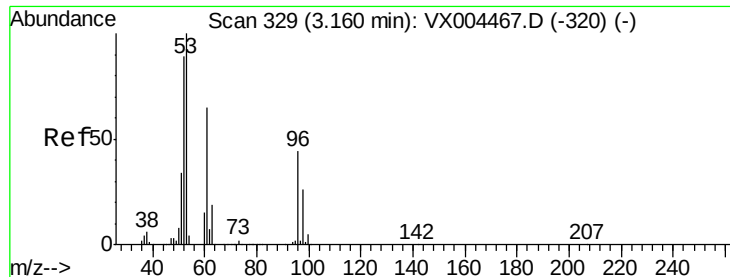
Tot Ion: 73 Resp: 193709
Ion Ratio Lower Upper
73 100
57 23.9 17.1 25.7



#20
Methylene Chloride
Concen: 18.96 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 84 Resp: 67013
Ion Ratio Lower Upper
84 100
49 119.6 101.2 151.8
51 39.7 29.5 44.3
86 59.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.26 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

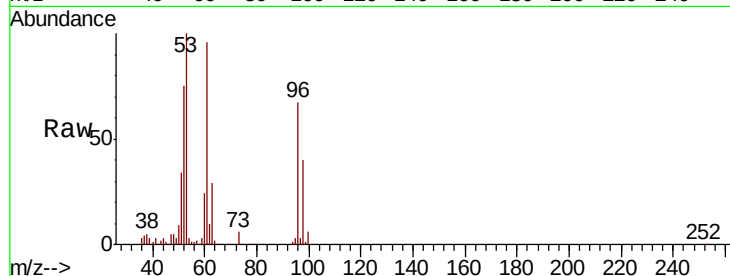
Tot Ion: 96 Resp: 60878

Ion Ratio Lower Upper

96 100

61 141.8 113.8 170.6

98 60.0 51.8 77.8

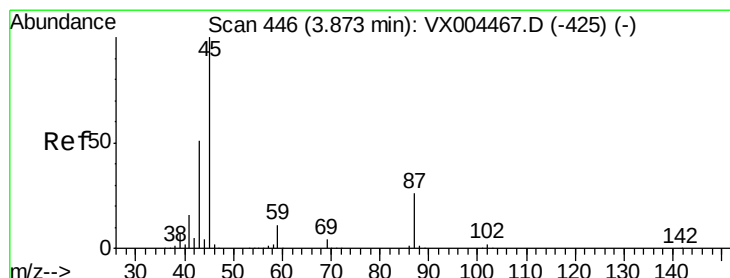
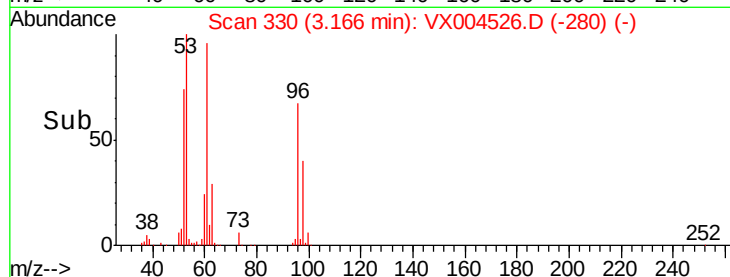
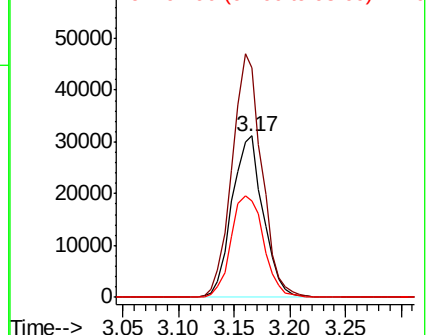


Abundance

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



#22

Diisopropyl ether

Concen: 19.17 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Tgt Ion: 45 Resp: 203088

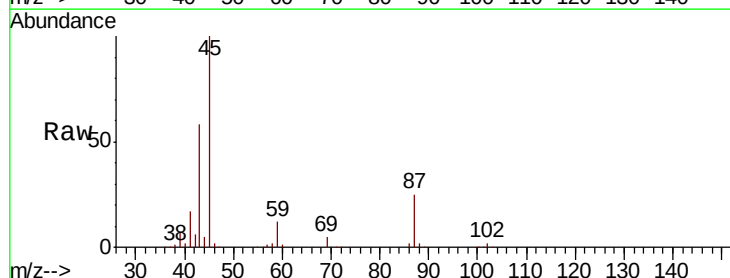
Ion Ratio Lower Upper

45 100

43 57.1 42.8 64.2

87 25.5 22.6 34.0

59 11.6 9.6 14.4



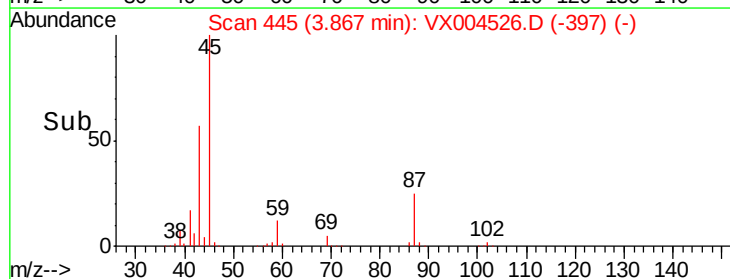
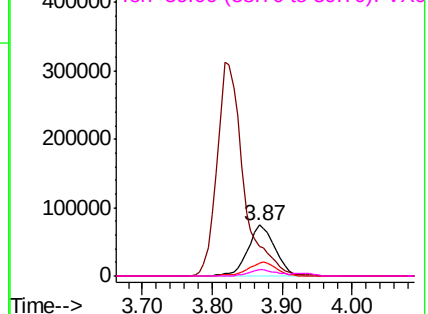
Abundance

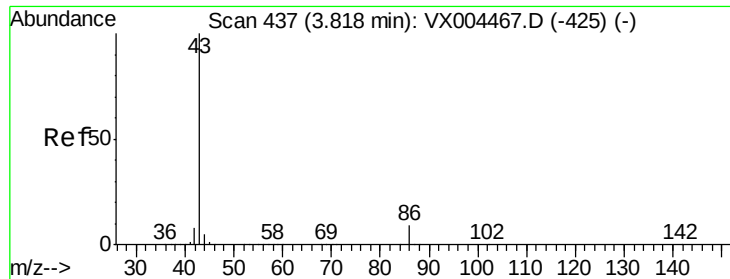
Ion 45.00 (44.70 to 45.70): VX0

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: 96.36 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

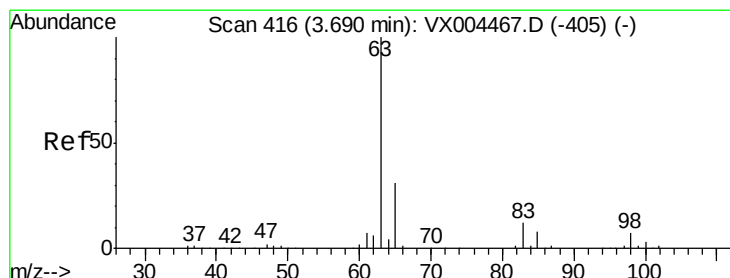
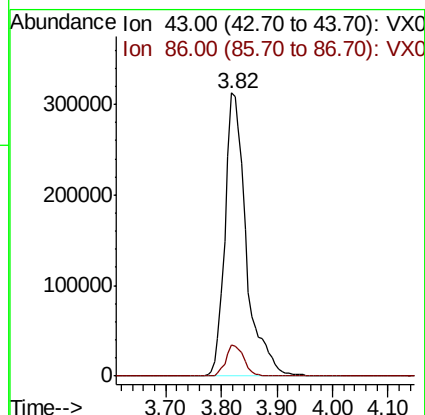
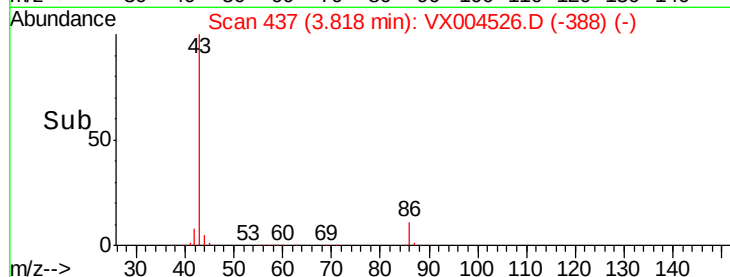
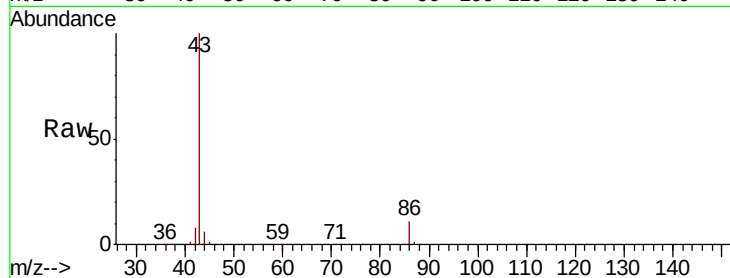
VX0913WBSD01

Tot Ion: 43 Resp: 826159

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.42 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

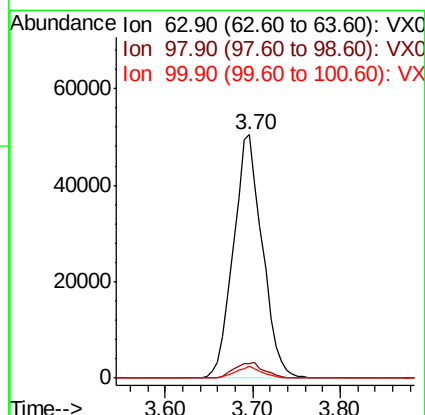
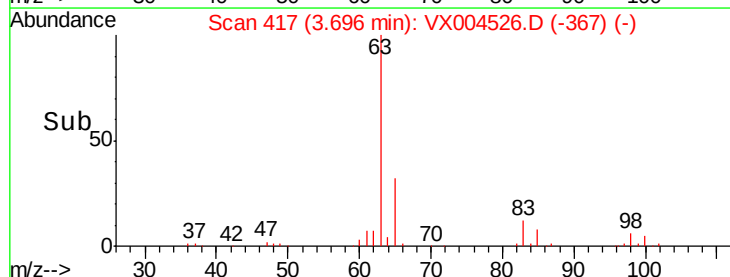
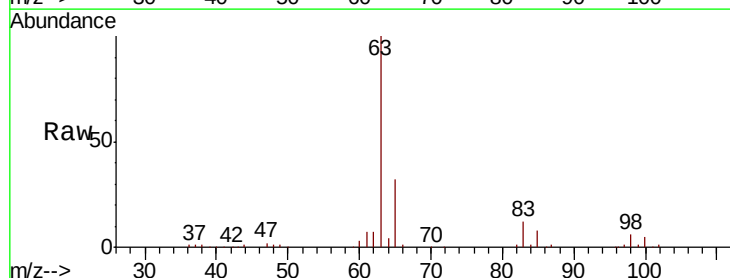
Tgt Ion: 63 Resp: 116131

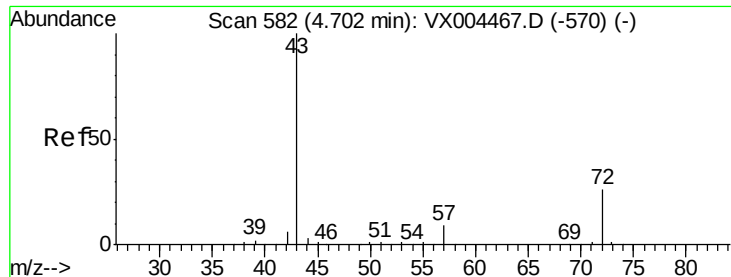
Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 87.41 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

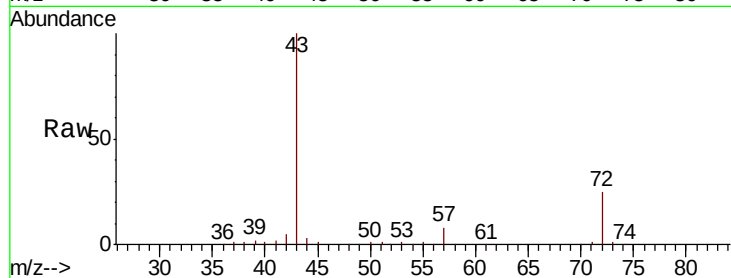
VX0913WBSD01

Tot Ion: 43 Resp: 239738

Ion Ratio Lower Upper

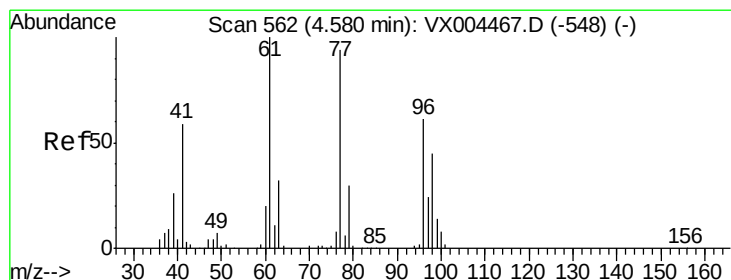
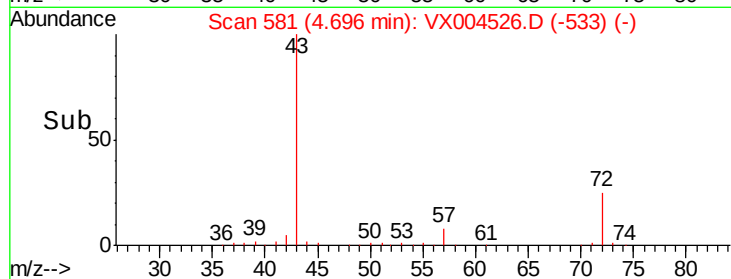
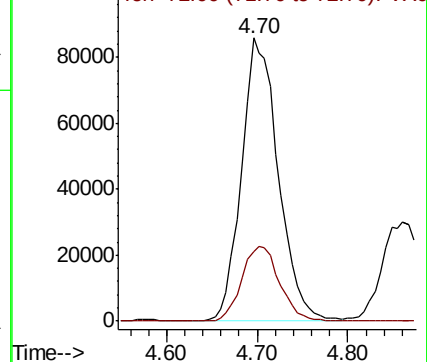
43 100

72 24.6 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.56 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004526.D

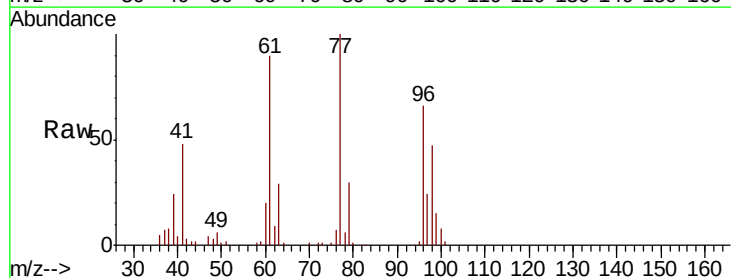
Acq: 13 Sep 2018 19:41

Tgt Ion: 77 Resp: 76256

Ion Ratio Lower Upper

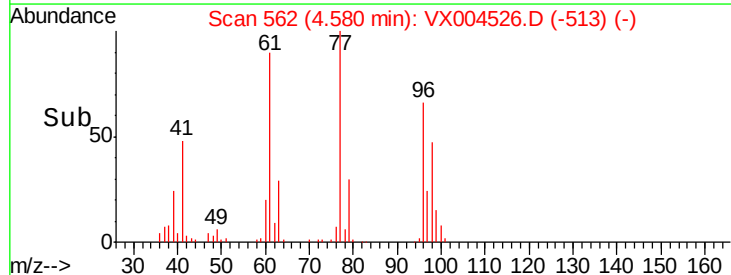
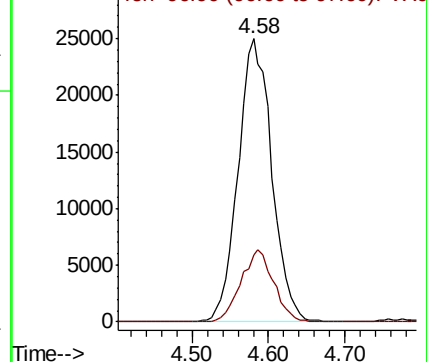
77 100

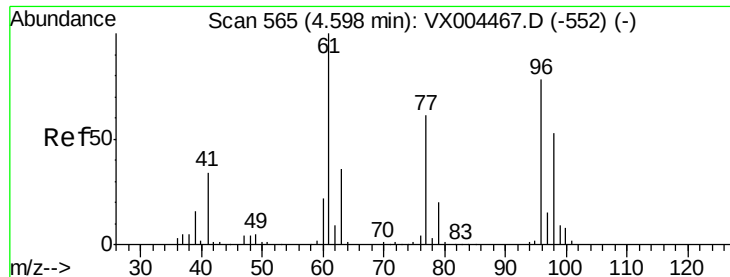
97 24.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.74 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

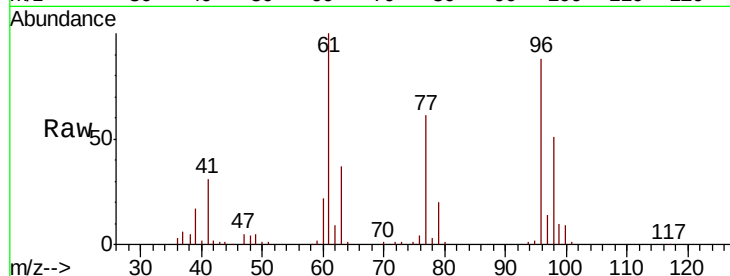
Tot Ion: 96 Resp: 69671

Ion Ratio Lower Upper

96 100

61 138.7 0.0 282.6

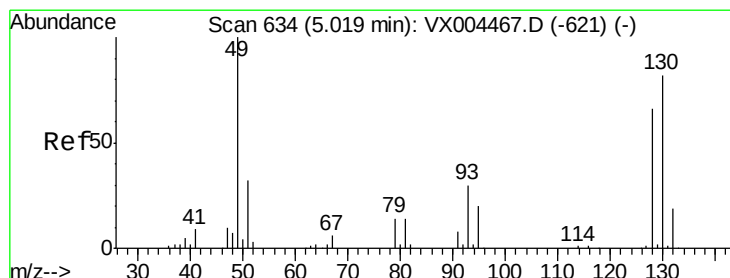
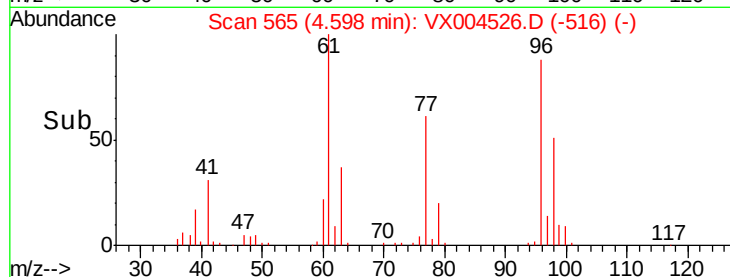
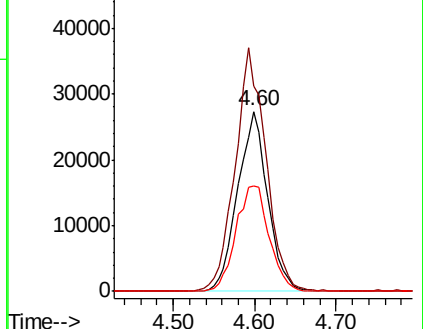
98 64.9 0.0 130.2



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: 21.77 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

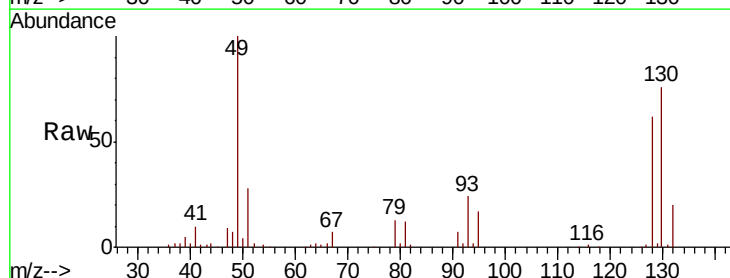
Tgt Ion: 49 Resp: 59569

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

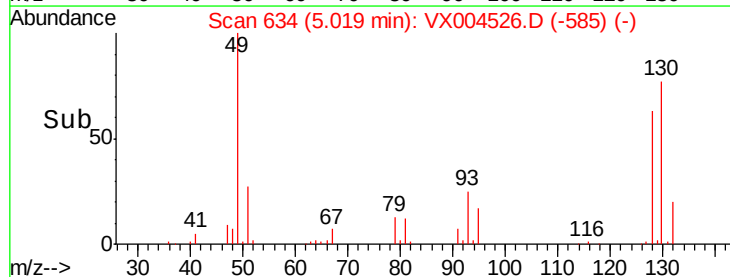
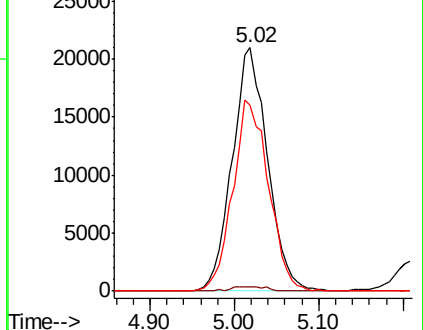
130 79.4 67.5 101.3

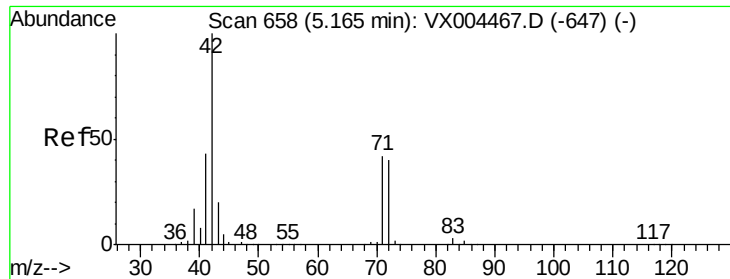


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

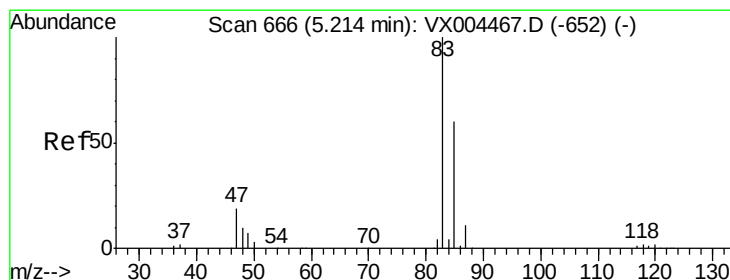
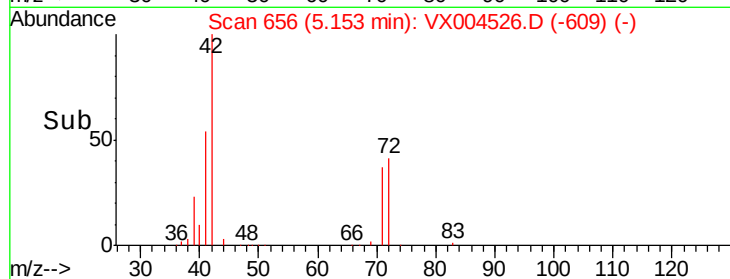
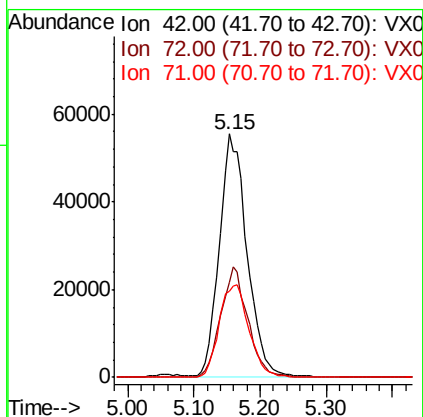
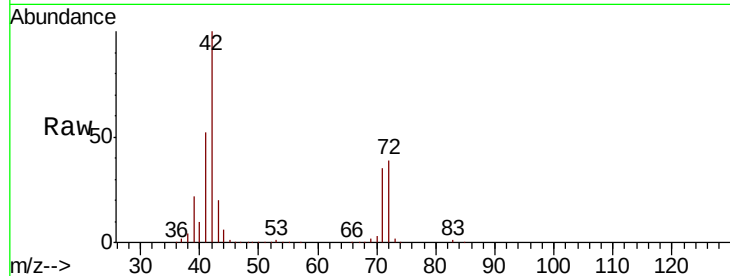




#29
Tetrahydrofuran
Concen: 97.23 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

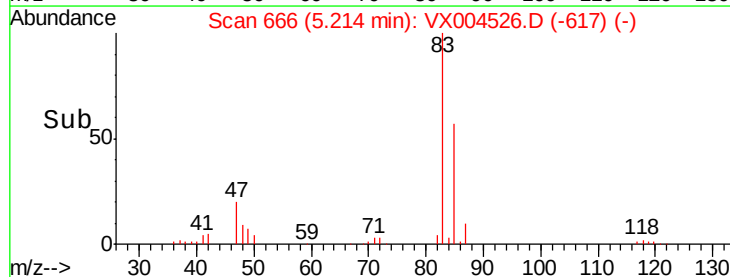
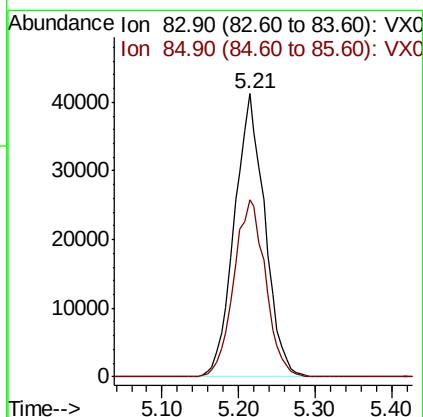
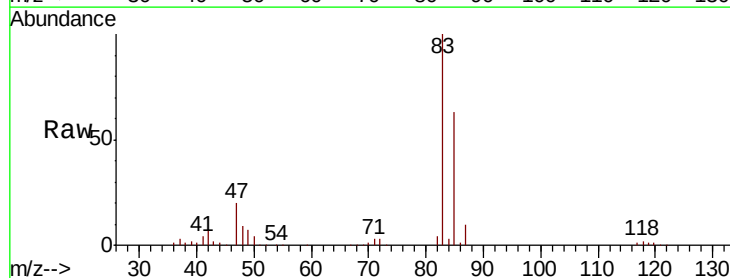
Instrument :
MSVOA_X
ClientSampled :
VX0913WBSD01

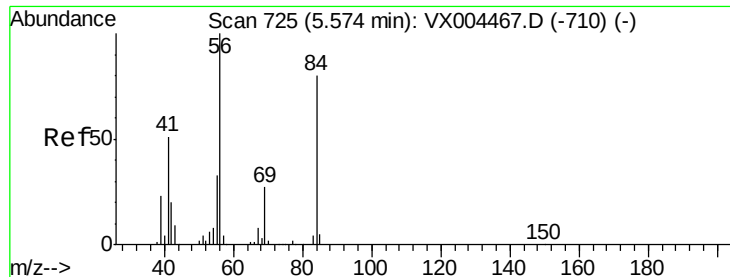
Tot Ion: 42 Resp: 160819
Ion Ratio Lower Upper
42 100
72 44.4 37.4 56.0
71 40.9 34.5 51.7



#30
Chloroform
Concen: 19.50 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 83 Resp: 113843
Ion Ratio Lower Upper
83 100
85 62.5 52.6 79.0





#31

Cyclohexane

Concen: 19.66 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

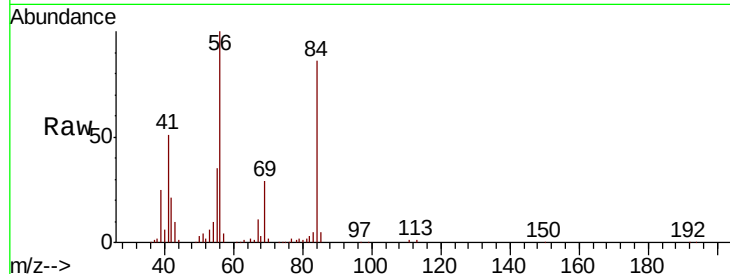
Tot Ion: 56 Resp: 100405

Ion Ratio Lower Upper

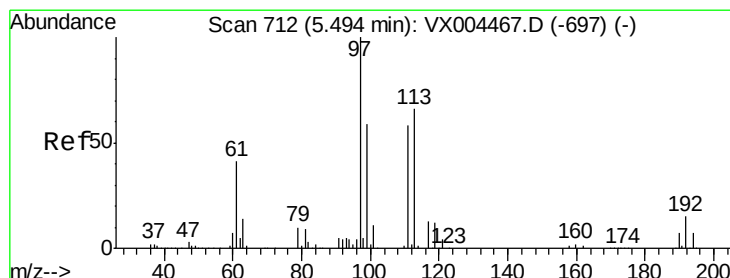
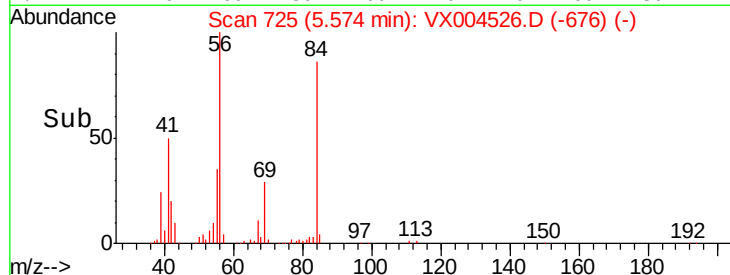
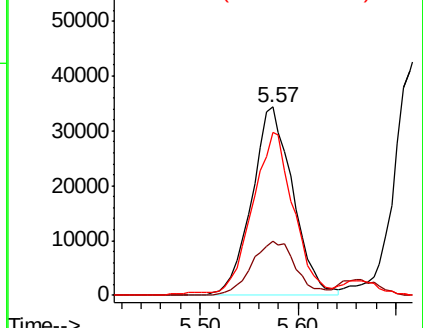
56 100

69 29.0 25.4 38.2

84 84.9 71.4 107.2



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: 20.14 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

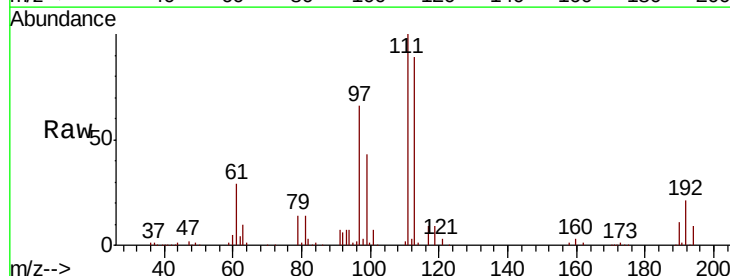
Tgt Ion: 97 Resp: 94702

Ion Ratio Lower Upper

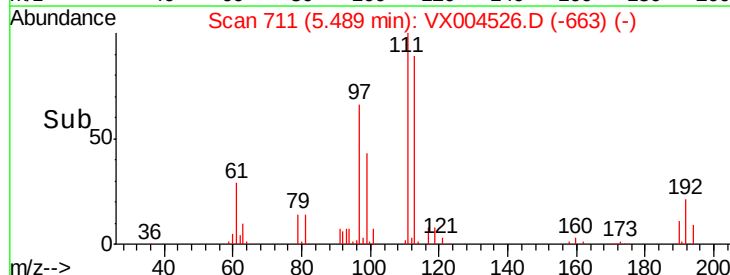
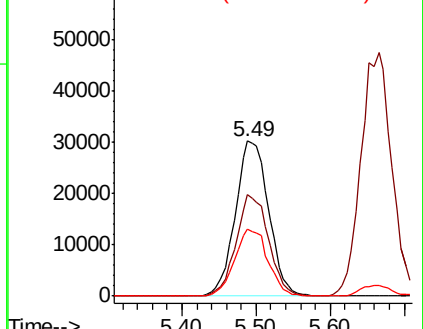
97 100

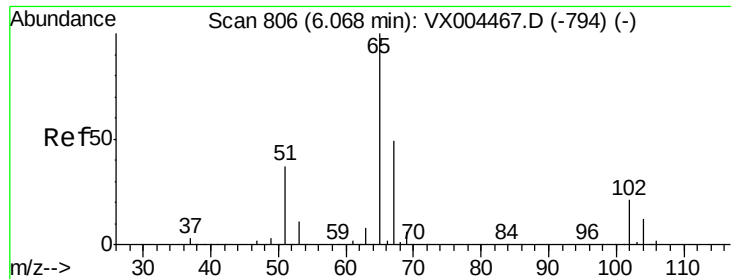
99 64.1 52.0 78.0

61 43.2 34.9 52.3



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

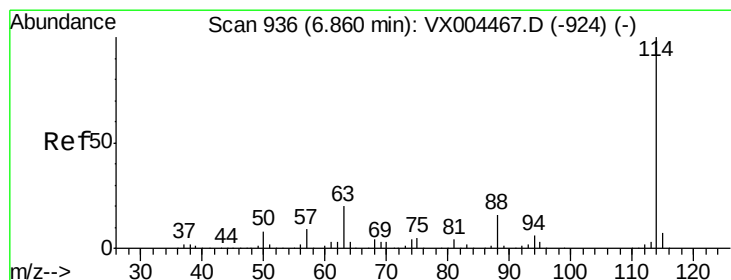
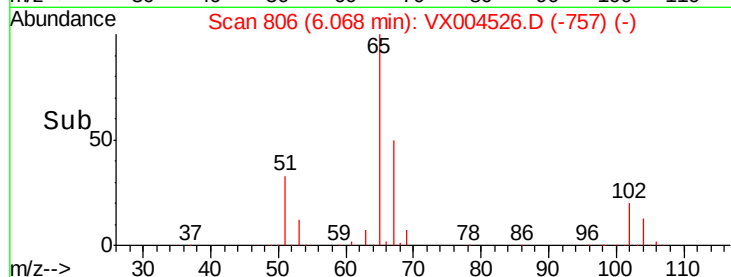
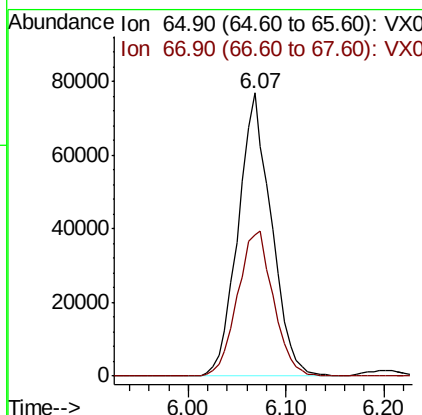
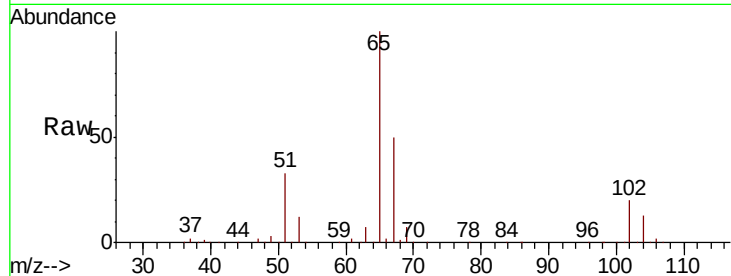




#33
 1,2-Dichloroethane-d4
 Concen: 51.45 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

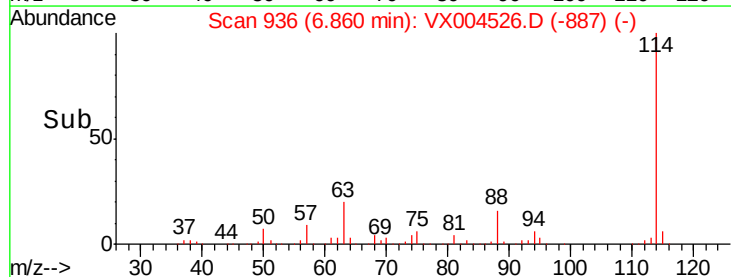
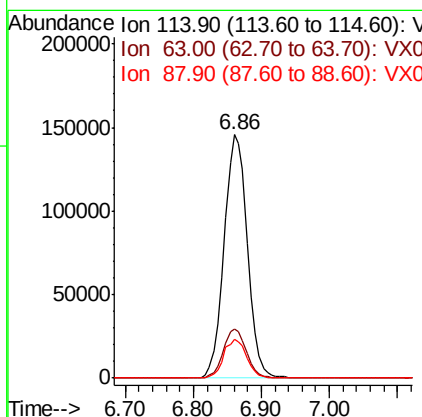
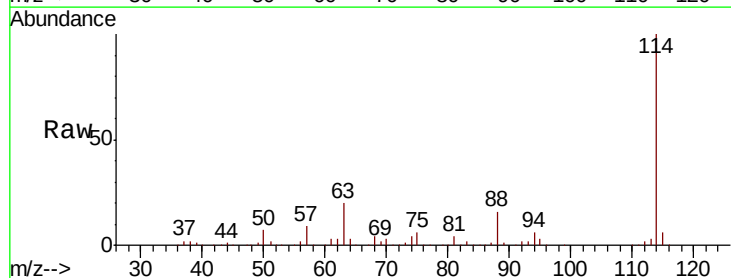
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

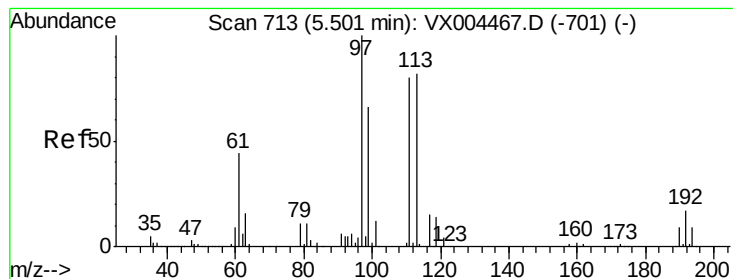
Tot Ion: 65 Resp: 181658
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion: 114 Resp: 344518
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 16.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.37 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

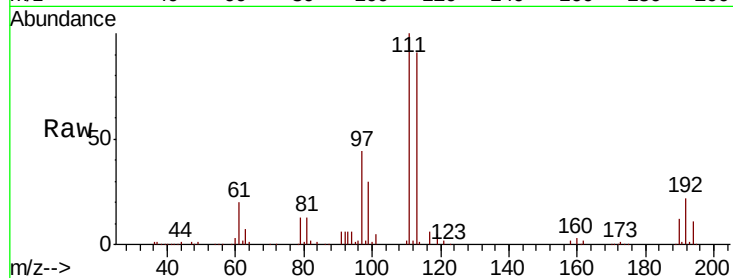
Tot Ion:113 Resp: 158804

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 22.9 19.4 29.2

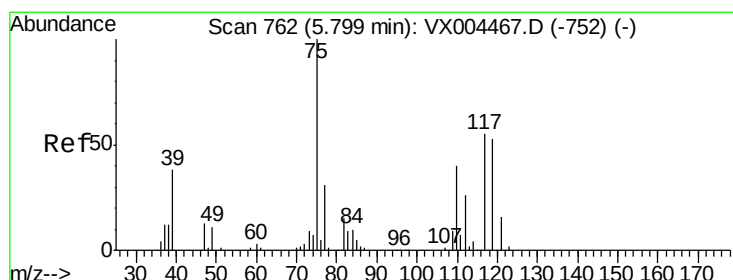
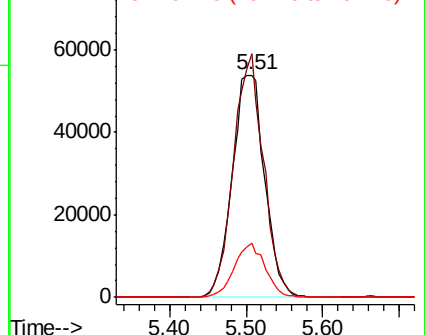
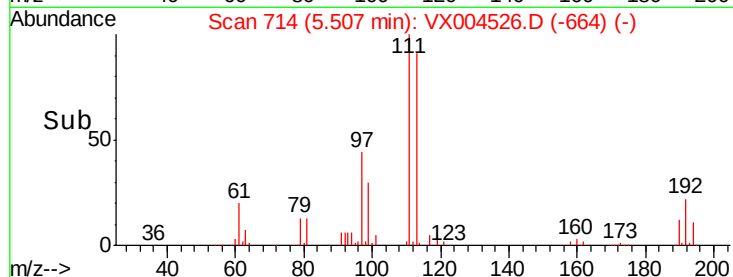


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.25 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

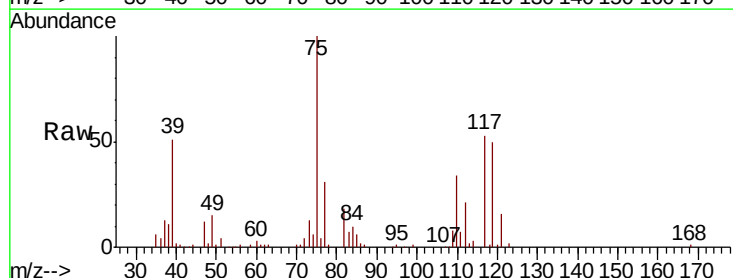
Tgt Ion: 75 Resp: 84711

Ion Ratio Lower Upper

75 100

110 36.8 18.0 54.0

77 30.7 24.6 36.8

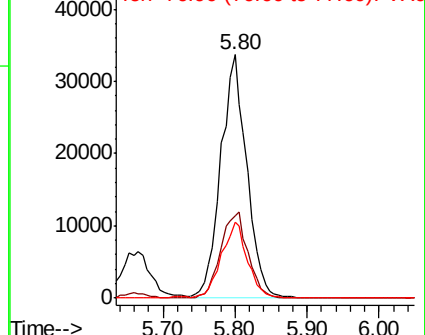
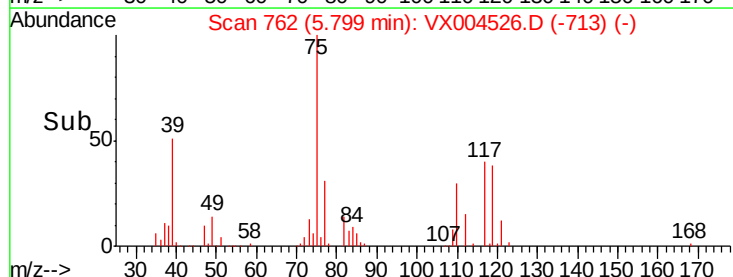


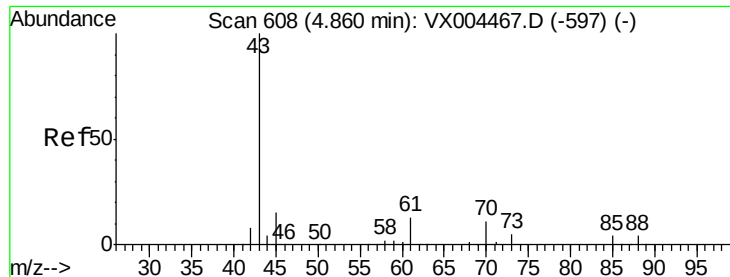
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

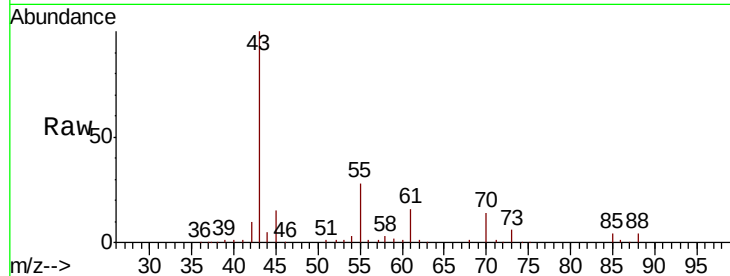




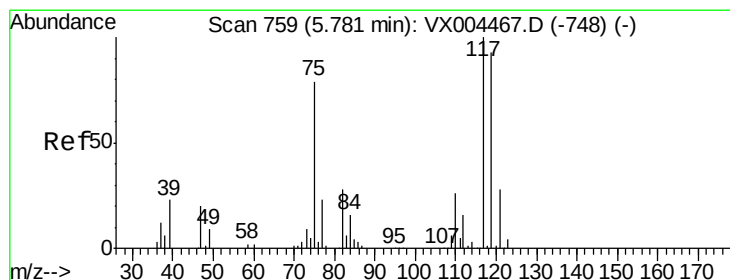
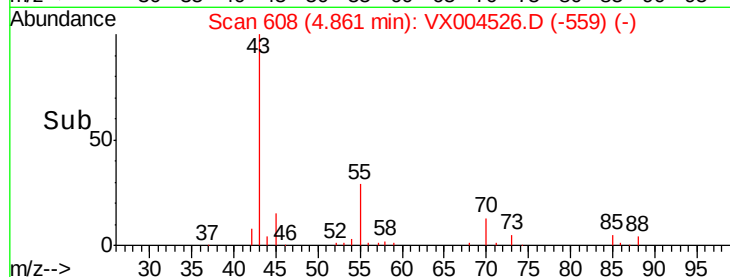
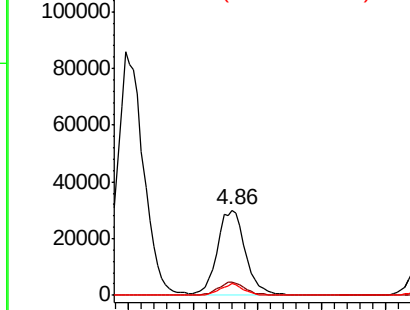
#37
Ethyl Acetate
Concen: 19.37 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion: 43 Resp: 92145
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.3 9.0 13.6

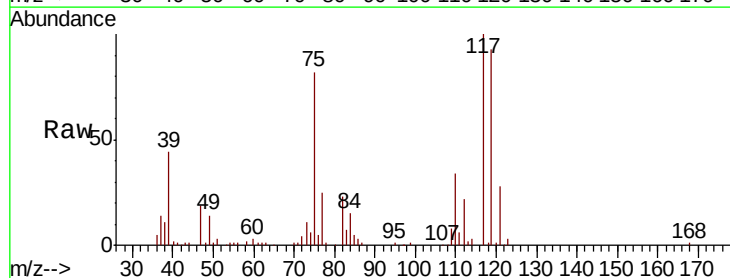


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

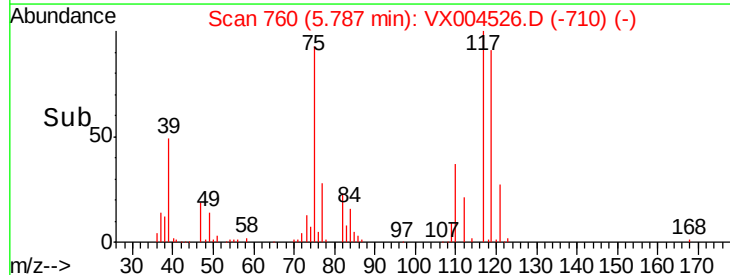
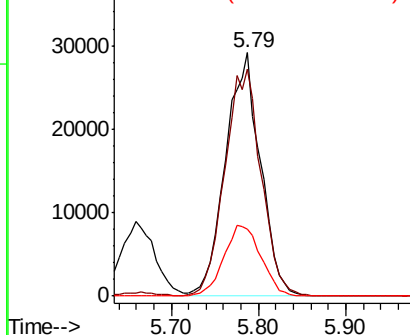


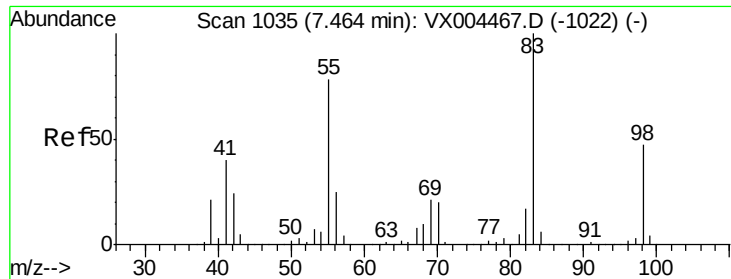
#38
Carbon Tetrachloride
Concen: 19.73 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 117 Resp: 80611
Ion Ratio Lower Upper
117 100
119 93.1 78.8 118.2
121 27.5 24.9 37.3



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

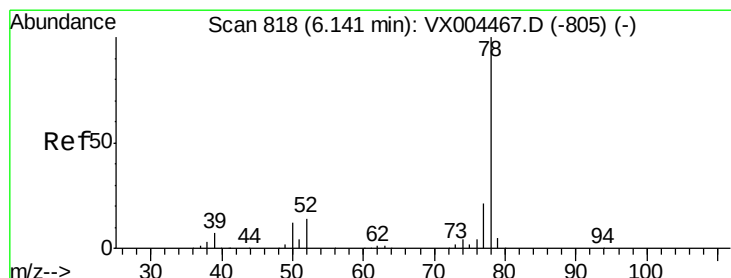
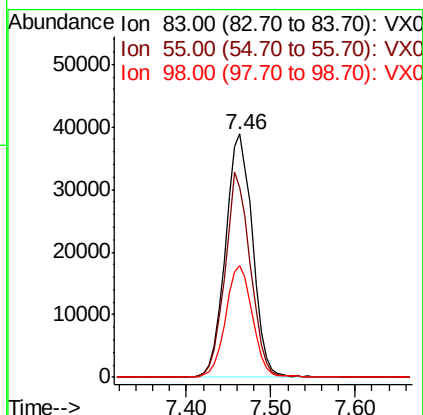
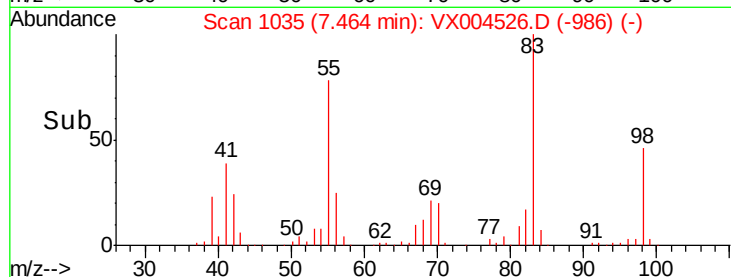
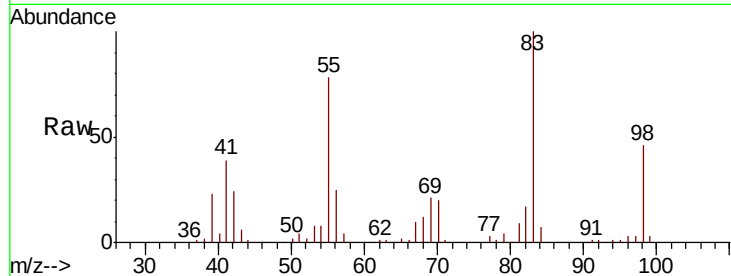




#39
Methylvlcyclohexane
Concen: 19.46 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

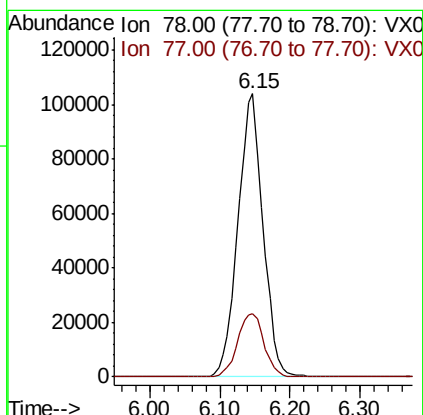
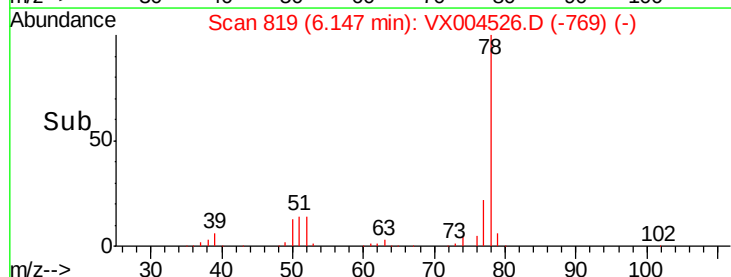
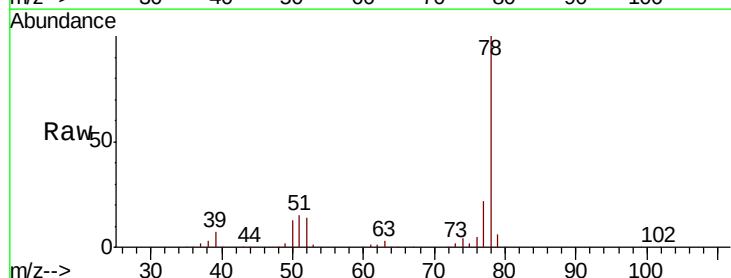
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

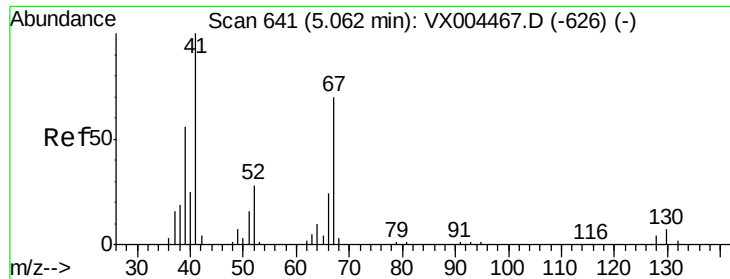
Tot Ion	83.00	Resp	84956
Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.0	91.4
98	45.8	39.6	59.4



#40
Benzene
Concen: 20.80 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	78.00	Resp	258102
Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.4

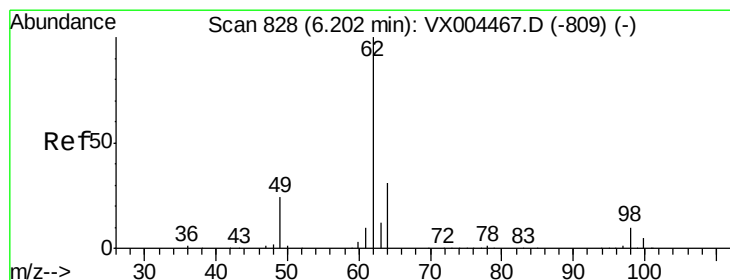
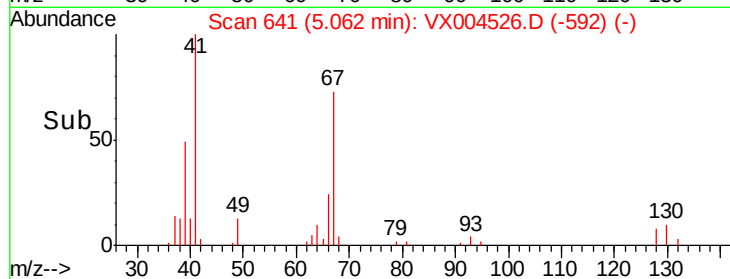
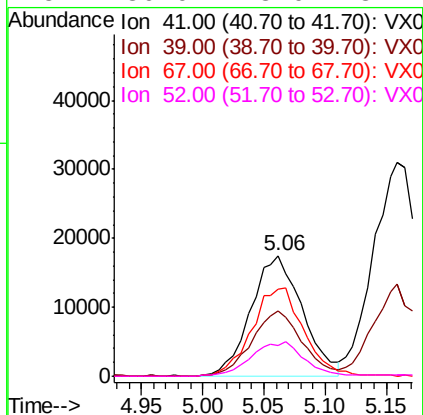
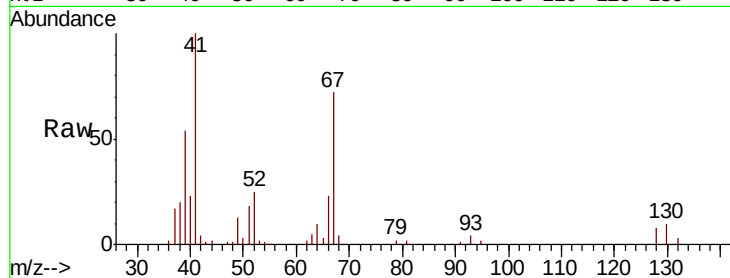




#41
Methacrylonitrile
Concen: 19.39 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

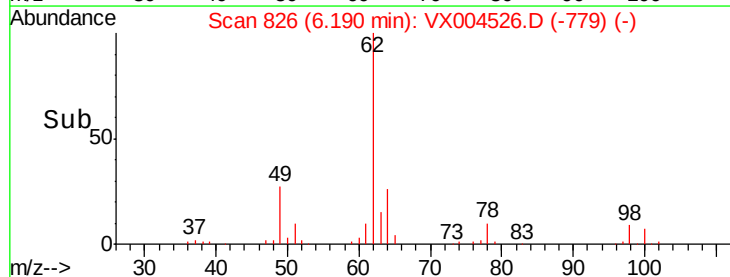
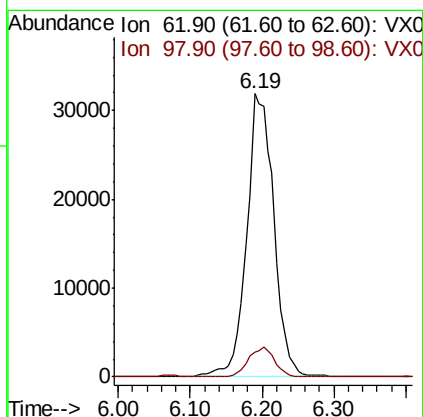
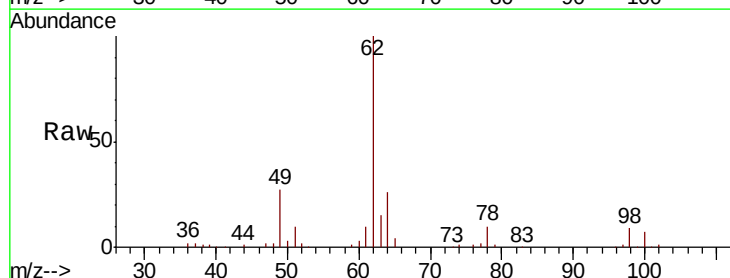
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

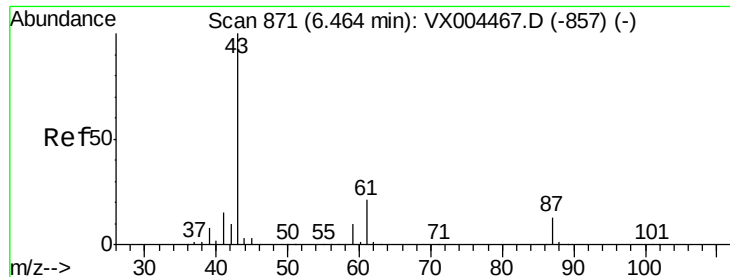
Tot Ion:	41	Resp:	50812
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.4	63.6
67	74.7	59.2	88.8
52	30.0	23.0	34.4



#42
1,2-Dichloroethane
Concen: 20.26 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion:	62	Resp:	83407
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.60 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

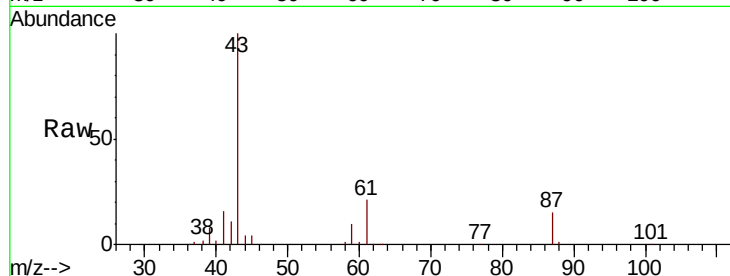
Tot Ion: 43 Resp: 123831

Ion Ratio Lower Upper

43 100

61 20.6 17.0 25.4

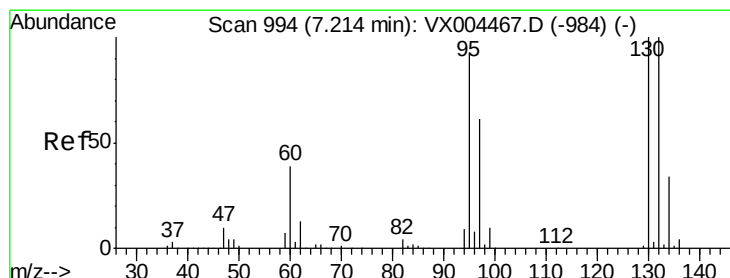
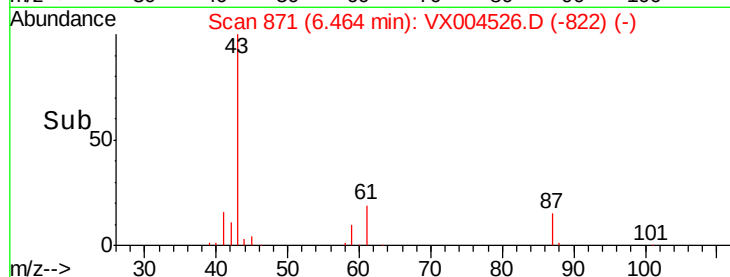
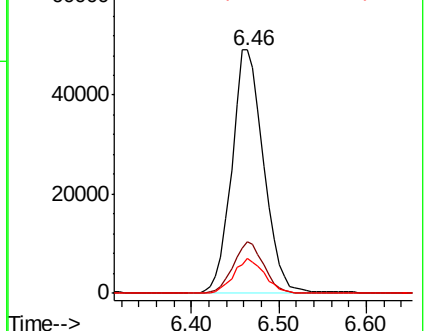
87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.37 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004526.D

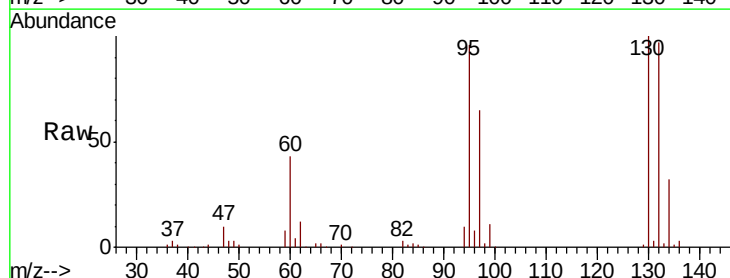
Acq: 13 Sep 2018 19:41

Tgt Ion:130 Resp: 62450

Ion Ratio Lower Upper

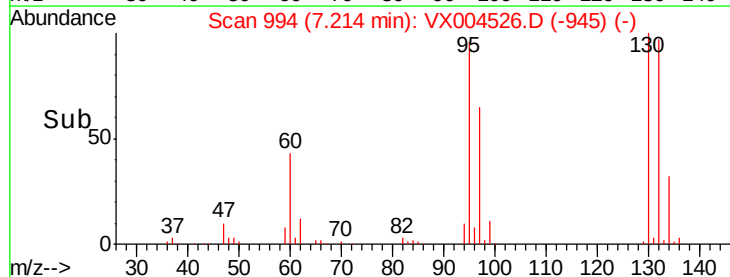
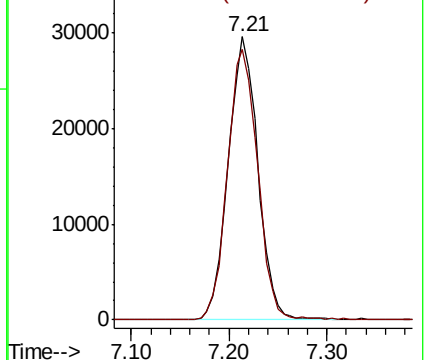
130 100

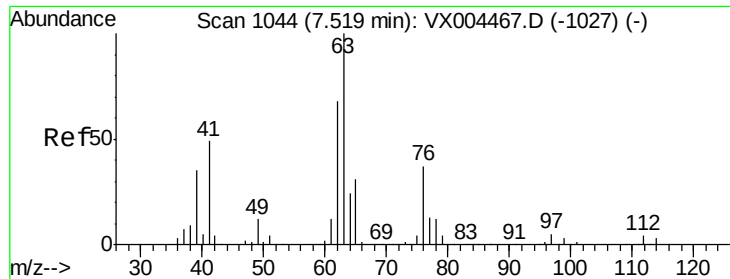
95 95.6 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

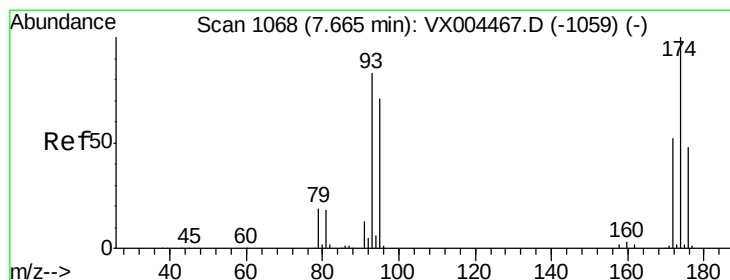
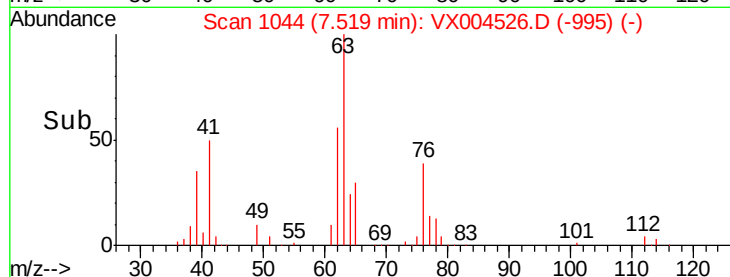
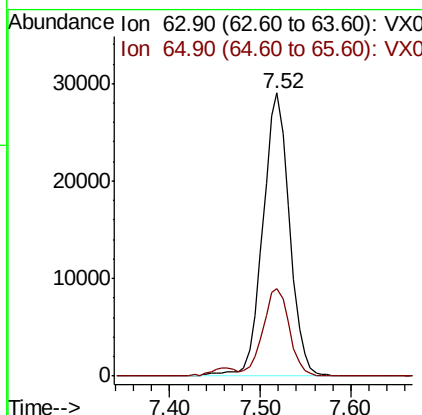
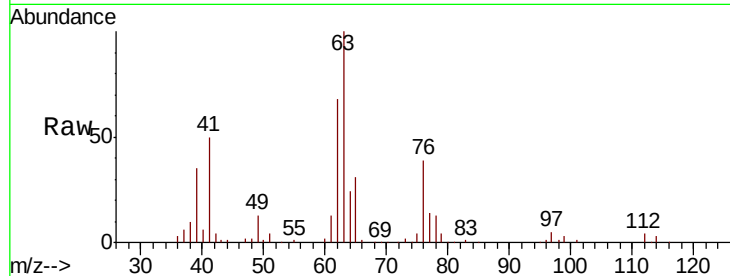




#45
 1,2-Dichloropropane
 Concen: 19.74 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

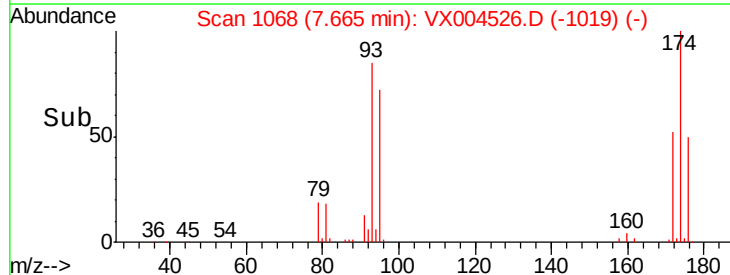
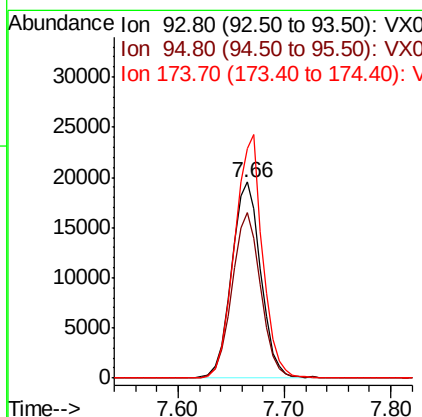
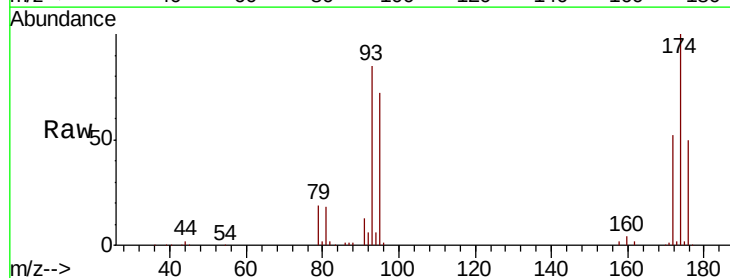
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

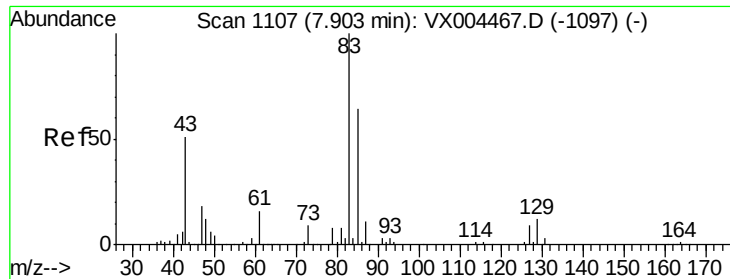
Tot Ion: 63 Resp: 58943
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 19.87 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion: 93 Resp: 37480
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.5 98.3
 174 119.4 94.2 141.4





#47

Bromodichloromethane

Concen: 19.43 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

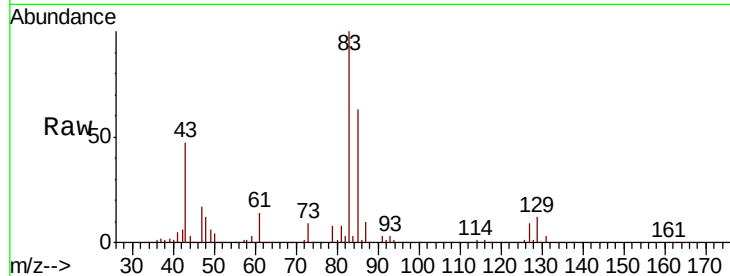
Tot Ion: 83 Resp: 69302

Ion Ratio Lower Upper

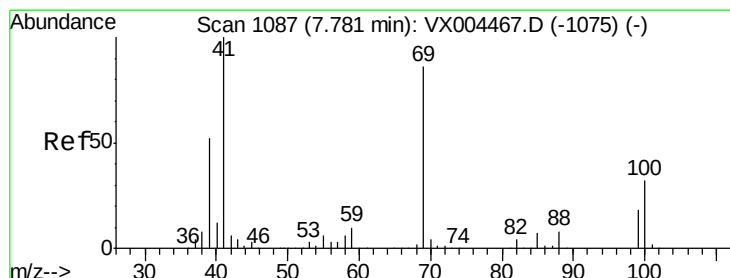
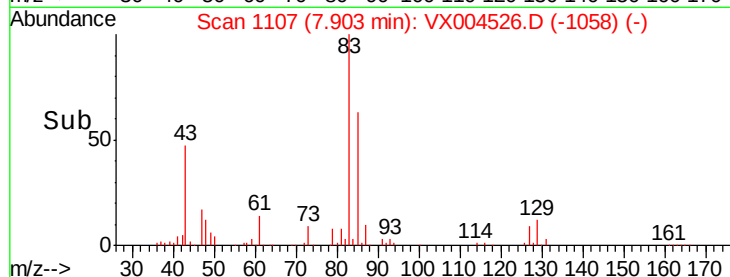
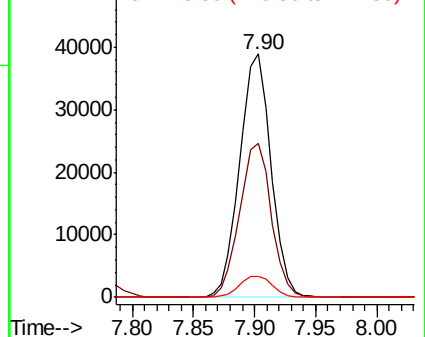
83 100

85 63.3 50.9 76.3

127 8.8 7.3 10.9



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



#48

Methyl methacrylate

Concen: 19.27 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

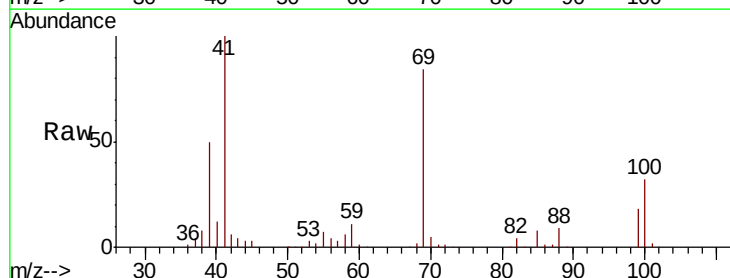
Tgt Ion: 41 Resp: 60261

Ion Ratio Lower Upper

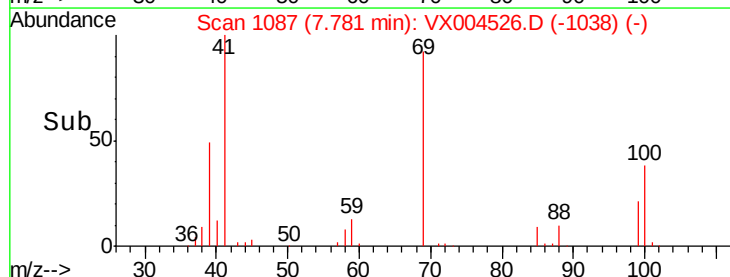
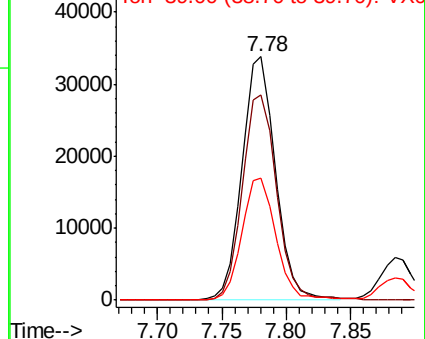
41 100

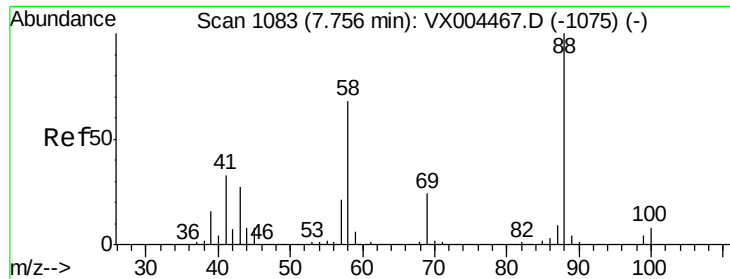
69 87.2 70.2 105.4

39 51.2 42.7 64.1



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

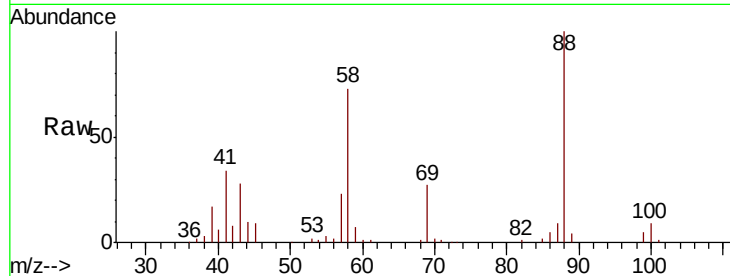




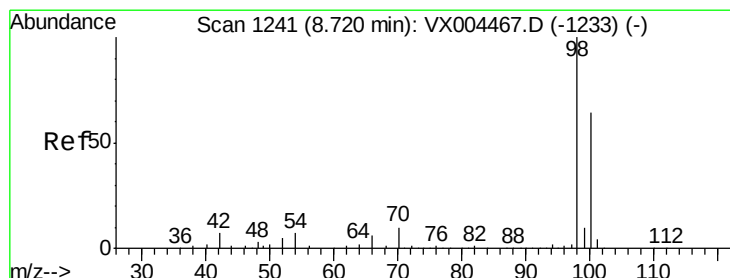
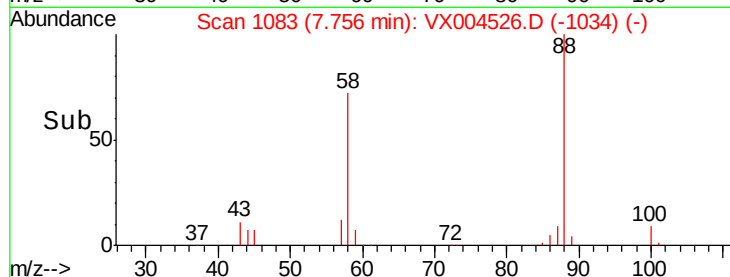
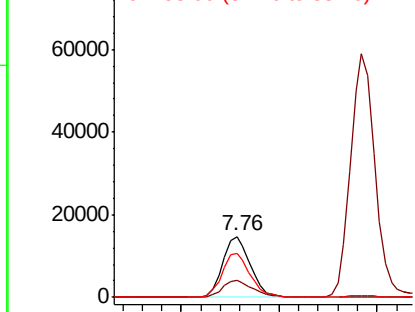
#49
1,4-Dioxane
Concen: 390.68 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion: 88 Resp: 28914
Ion Ratio Lower Upper
88 100
43 30.3 24.7 37.1
58 73.5 55.3 82.9

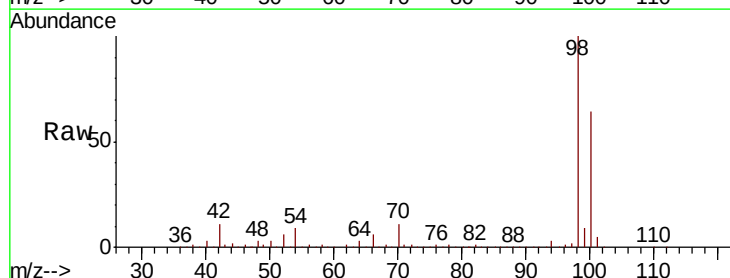


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

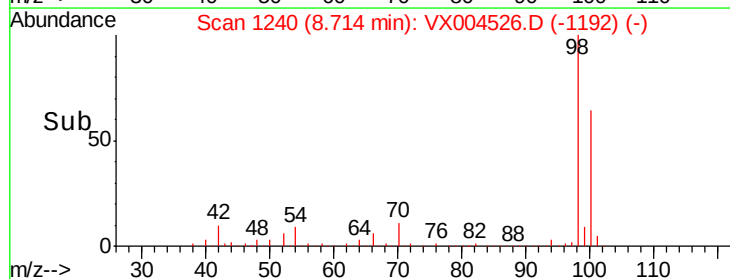
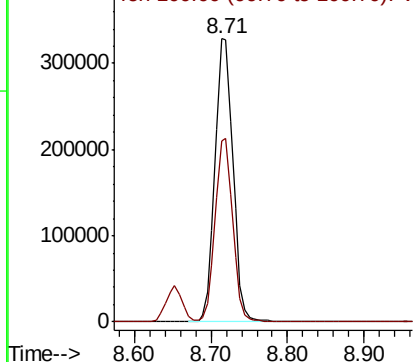


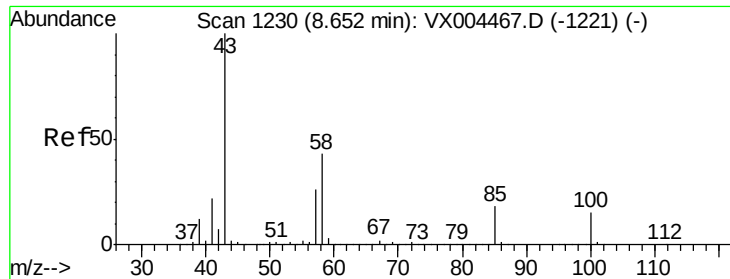
#50
Toluene-d8
Concen: 50.77 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 98 Resp: 536722
Ion Ratio Lower Upper
98 100
100 63.4 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 90.42 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

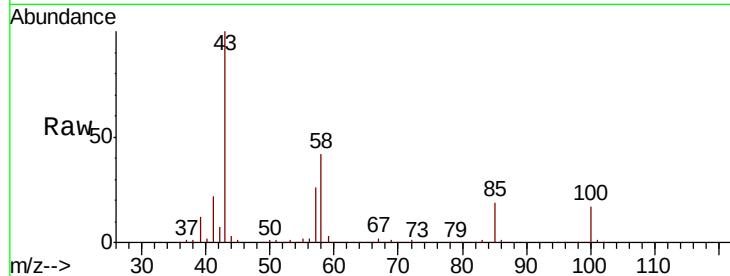
VX0913WBSD01

Tot Ion: 43 Resp: 403188

Ion Ratio Lower Upper

43 100

58 40.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

150000

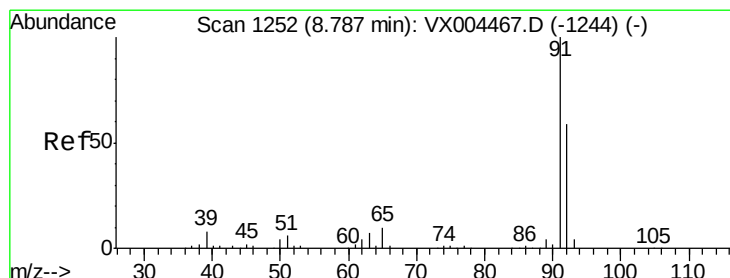
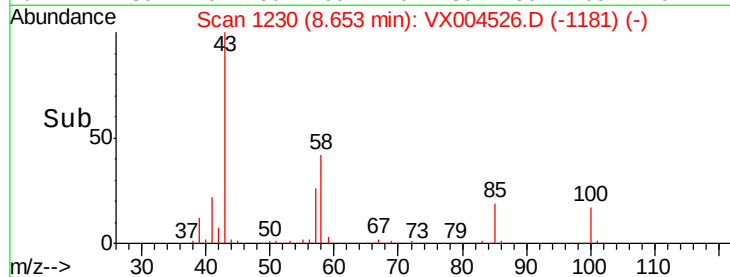
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.87 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004526.D

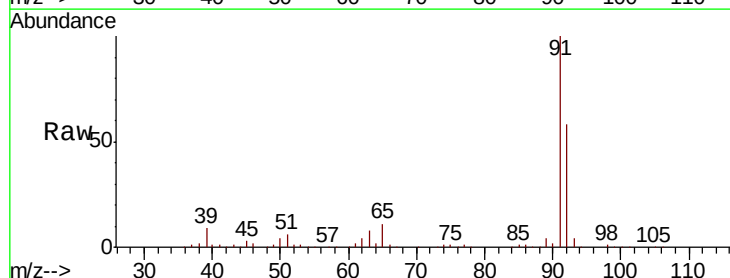
Acq: 13 Sep 2018 19:41

Tgt Ion: 92 Resp: 145278

Ion Ratio Lower Upper

92 100

91 173.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

150000

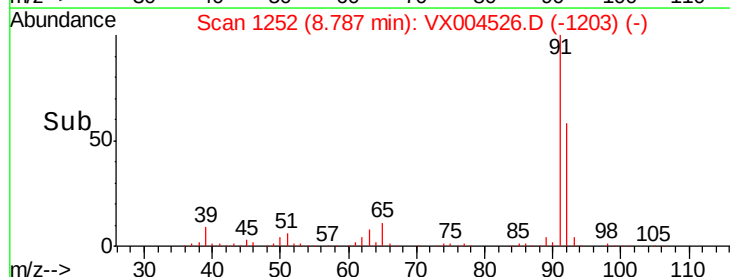
100000

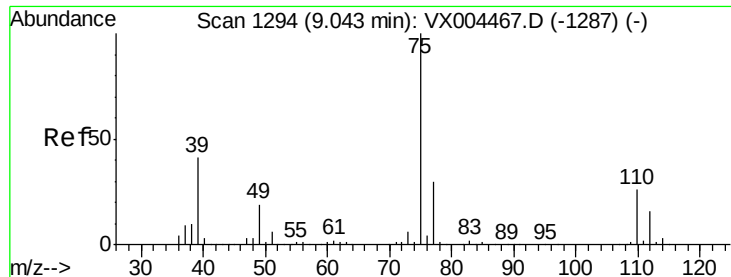
50000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.29 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

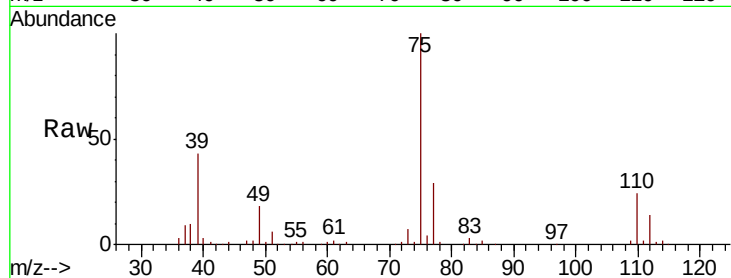
VX0913WBSD01

Tot Ion: 75 Resp: 84555

Ion Ratio Lower Upper

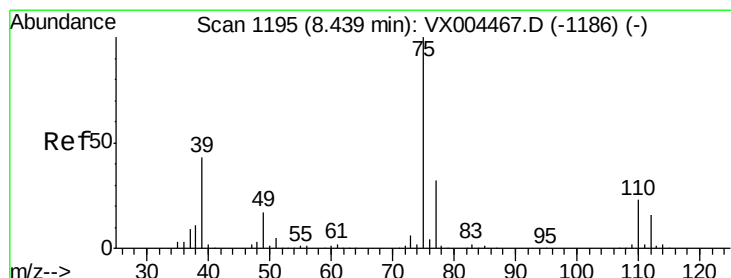
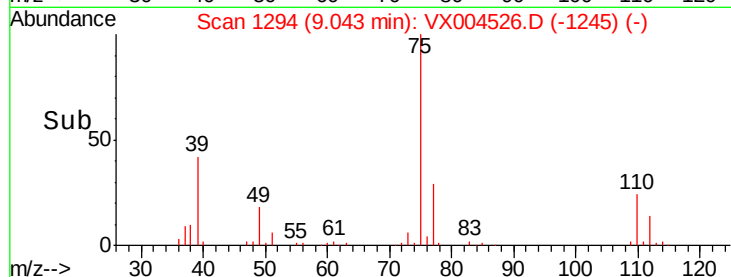
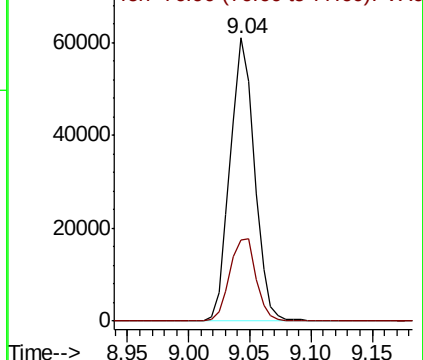
75 100

77 28.7 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.80 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

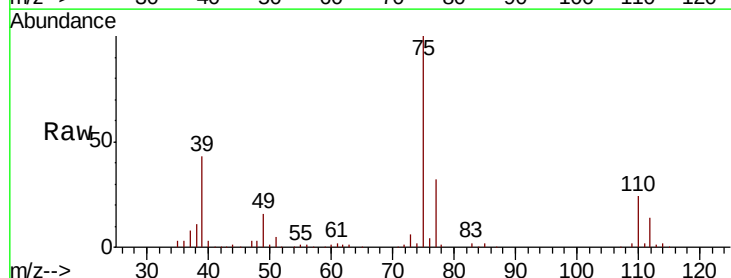
Tgt Ion: 75 Resp: 84100

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

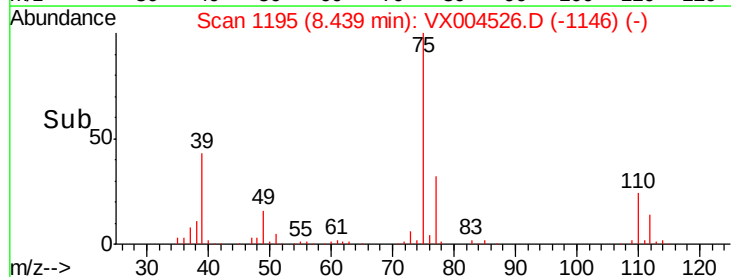
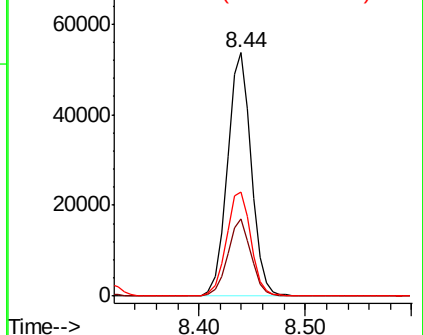
39 42.9 36.4 54.6

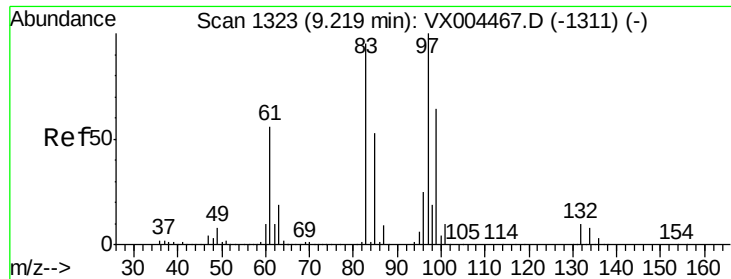


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

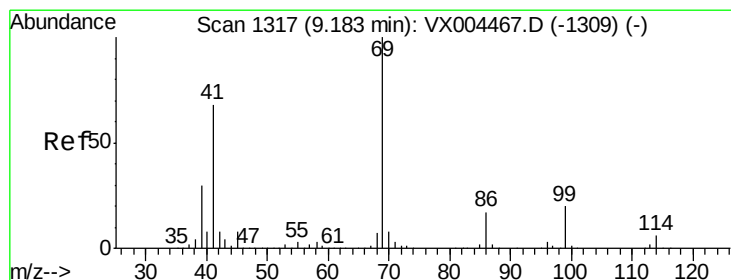
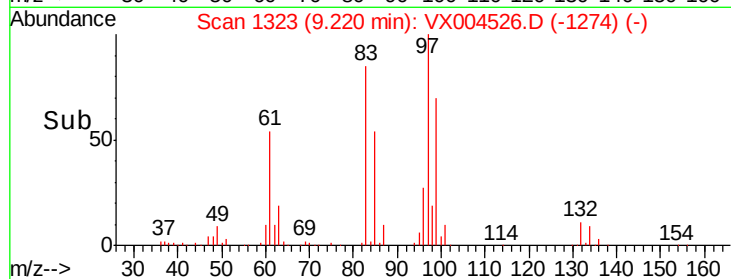
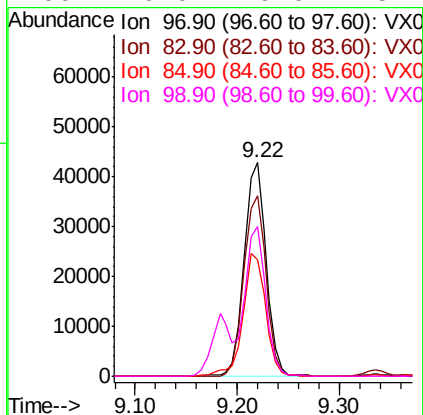
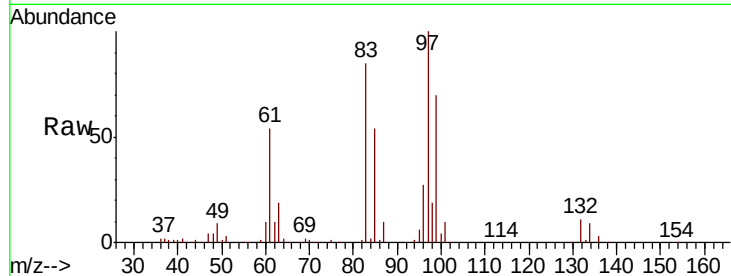




#55
 1,1,2-Trichloroethane
 Concen: 20.41 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

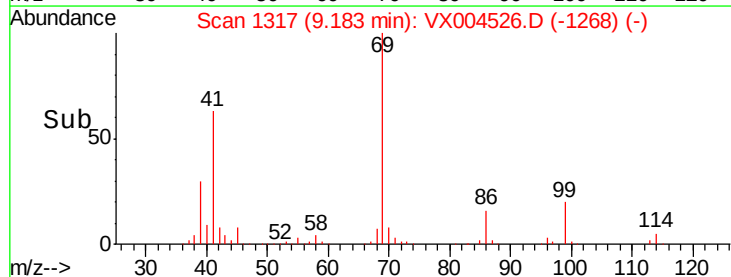
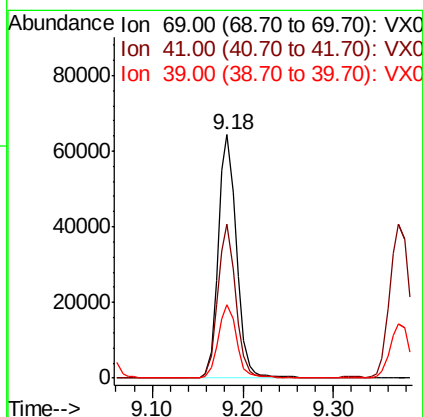
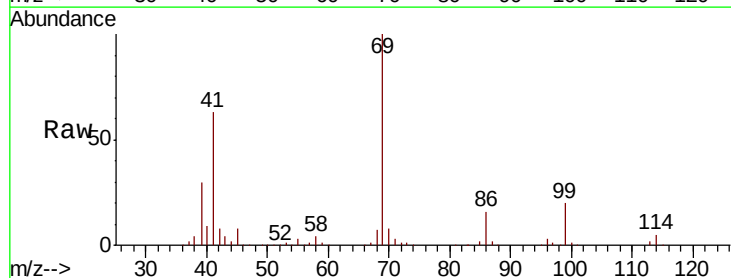
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

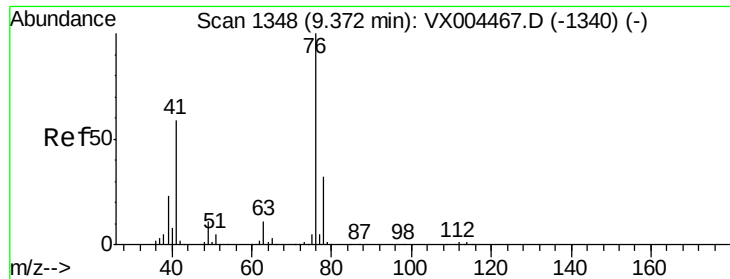
Tot Ion:	97	Resp:	64249
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.4	99.6
85	54.4	43.3	64.9
99	70.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.43 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion:	69	Resp:	90996
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.0	76.4
39	30.2	26.1	39.1

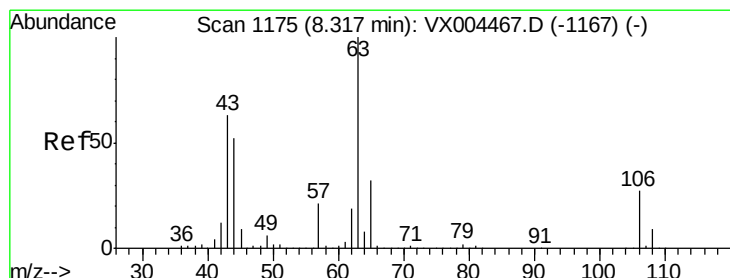
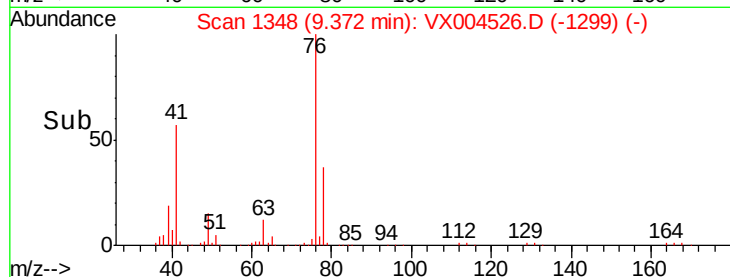
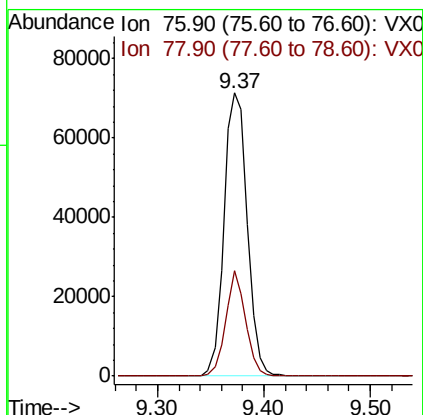
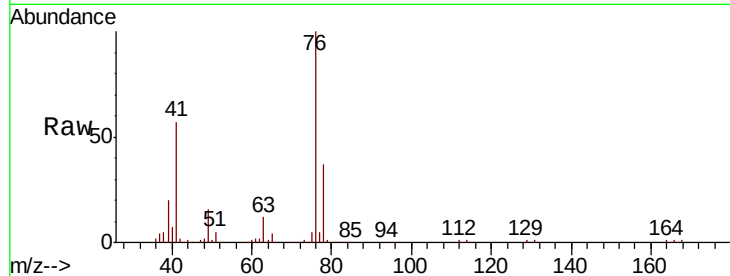




#57
 1,3-Dichloropropane
 Concen: 21.27 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

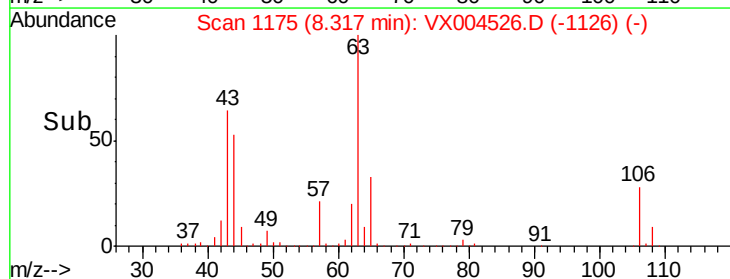
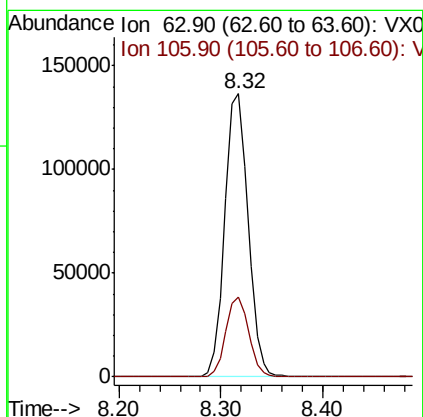
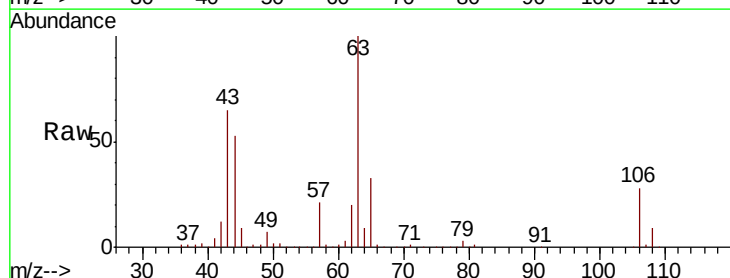
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

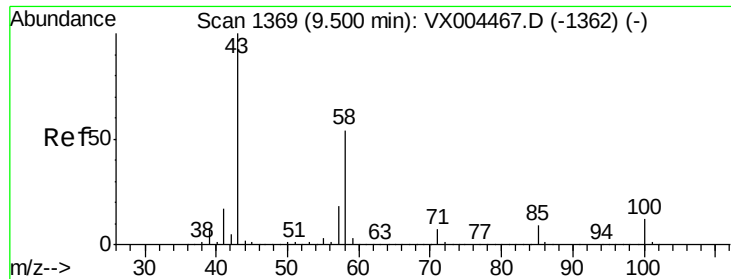
Tot Ion: 76 Resp: 108825
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.18 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion: 63 Resp: 217148
 Ion Ratio Lower Upper
 63 100
 106 27.6 23.9 35.9

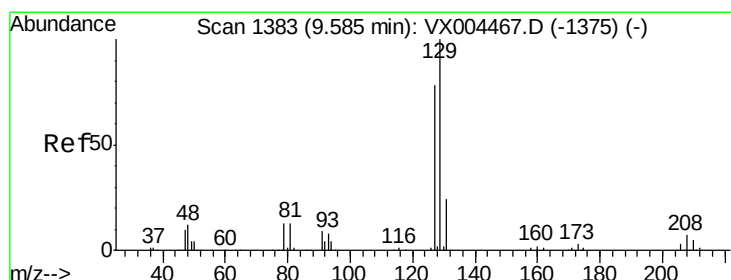
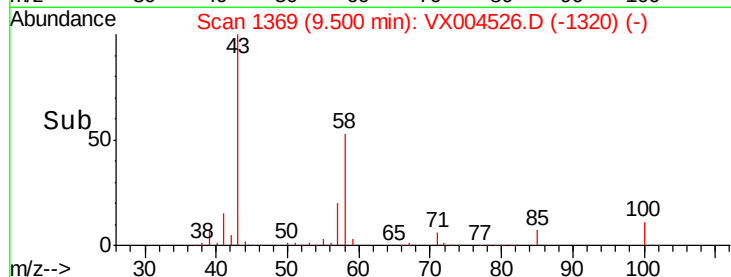
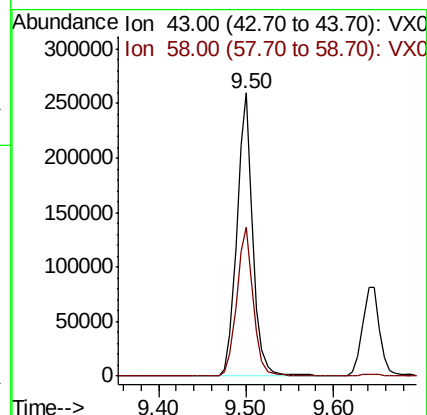
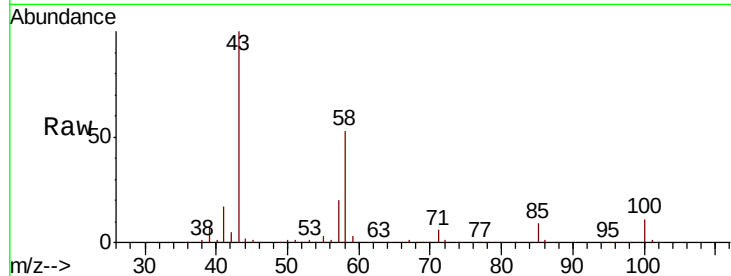




#59
2-Hexanone
Concen: 96.50 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

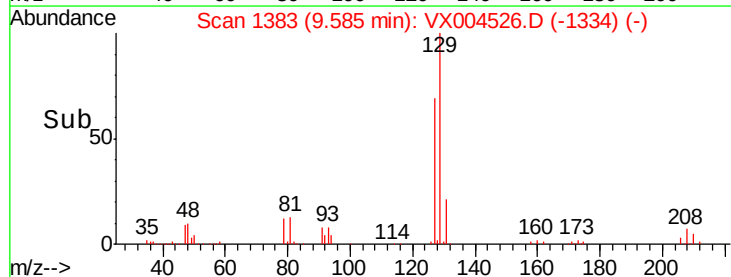
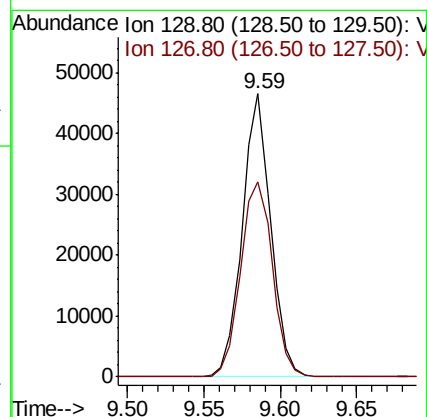
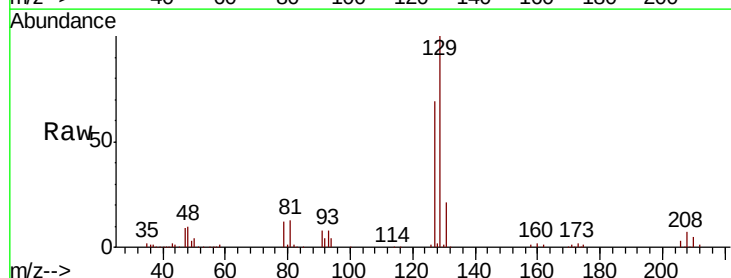
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

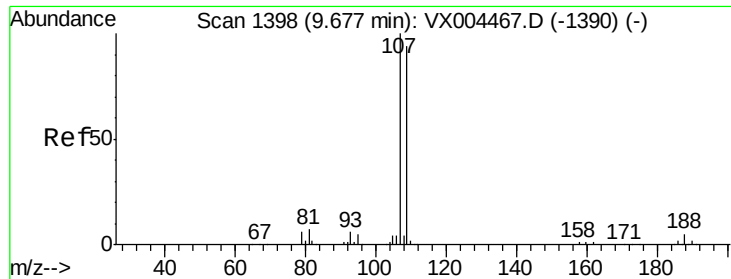
Tot Ion: 43 Resp: 330031
Ion Ratio Lower Upper
43 100
58 54.9 29.0 87.0



#60
Dibromochloromethane
Concen: 20.21 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 129 Resp: 59891
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.22 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

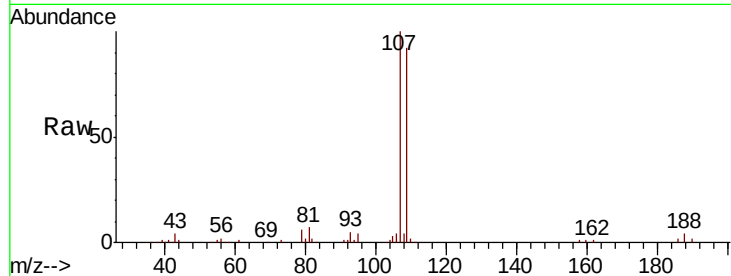
VX0913WBSD01

Tot Ion:107 Resp: 60807

Ion Ratio Lower Upper

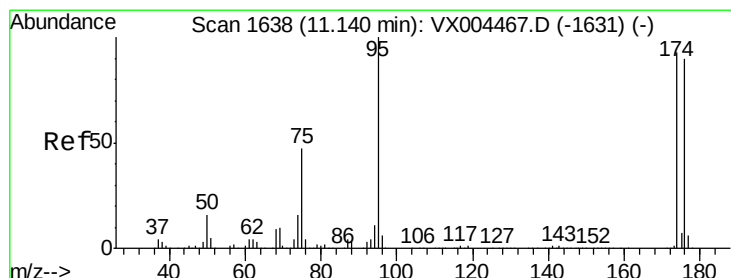
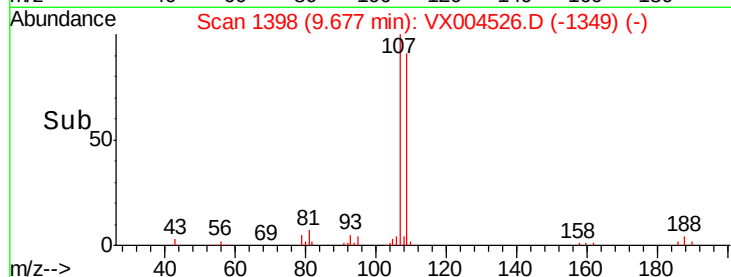
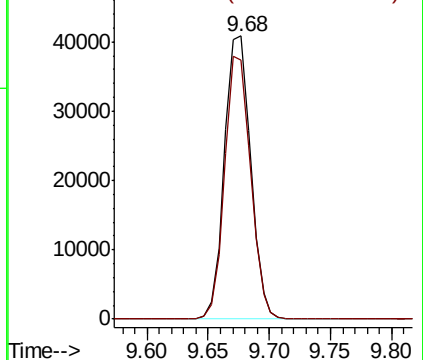
107 100

109 92.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.50 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

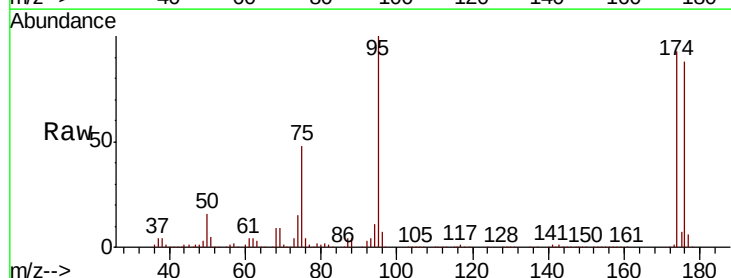
Tgt Ion: 95 Resp: 190583

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

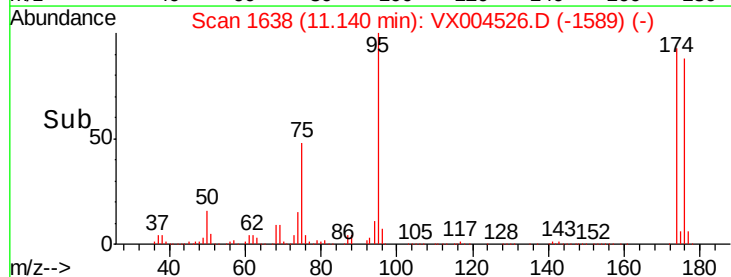
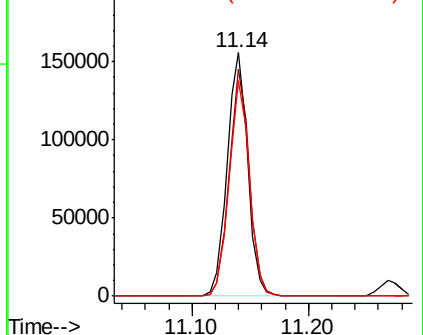
176 88.0 0.0 178.6

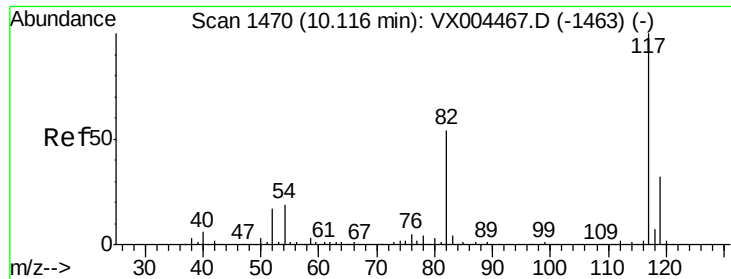


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

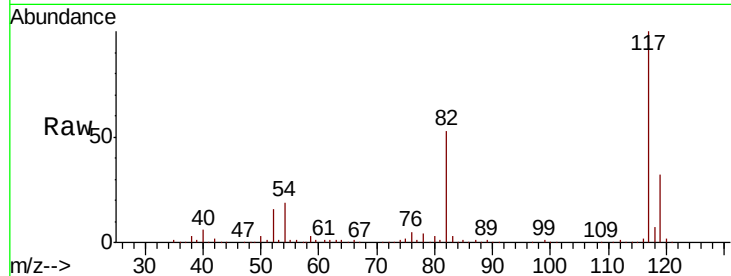




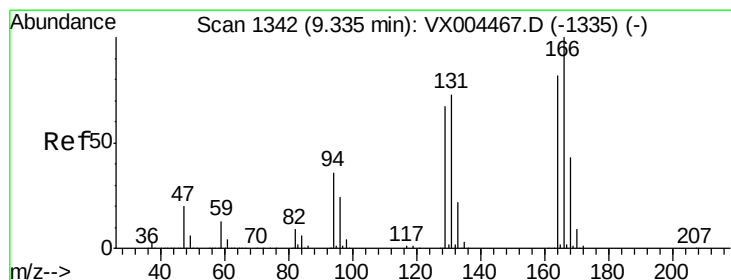
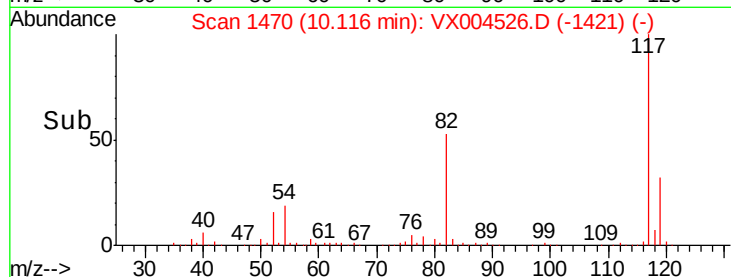
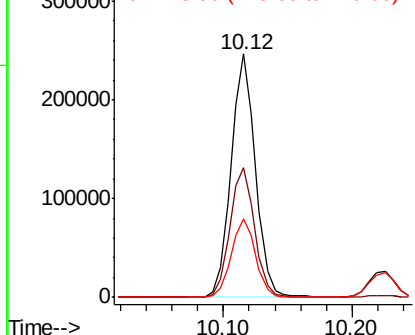
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion:117 Resp: 325064
Ion Ratio Lower Upper
117 100
82 53.4 47.8 71.6
119 32.3 29.3 43.9

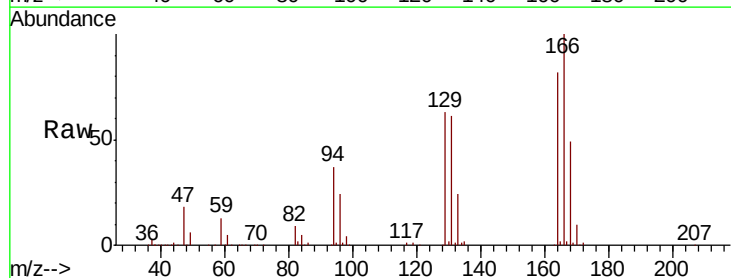


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

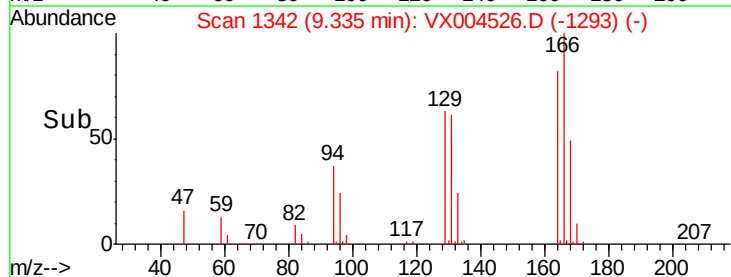
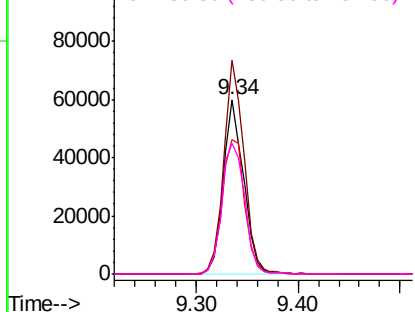


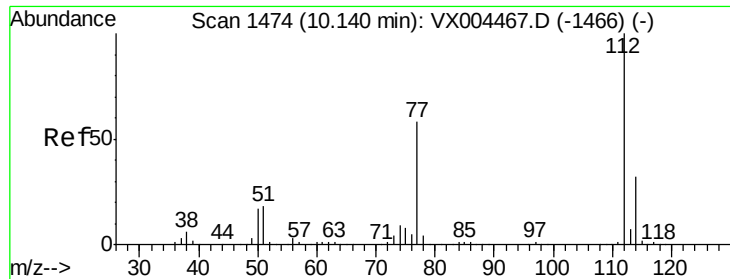
#64
Tetrachloroethene
Concen: 20.42 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion:164 Resp: 82885
Ion Ratio Lower Upper
164 100
166 122.3 102.8 154.2
129 77.0 69.4 104.0
131 74.5 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

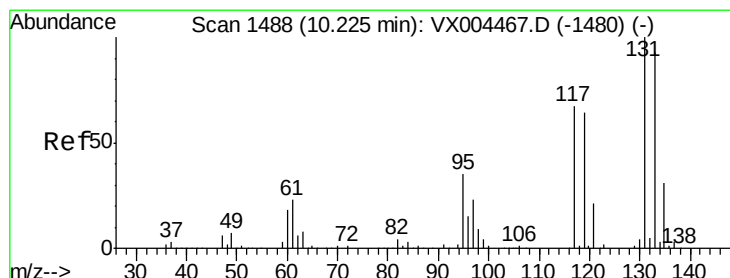
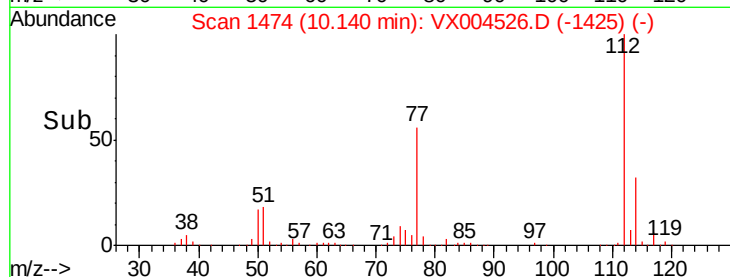
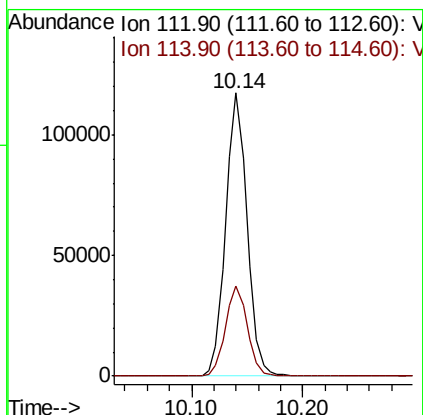
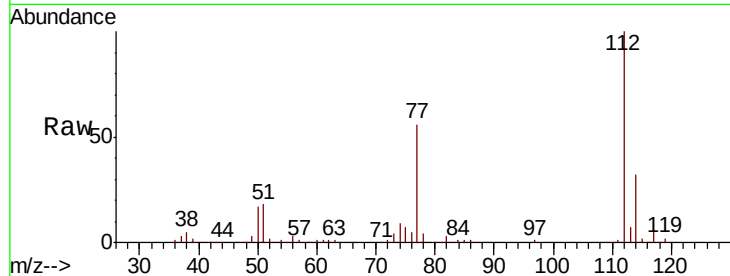




#65
Chlorobenzene
Concen: 19.39 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

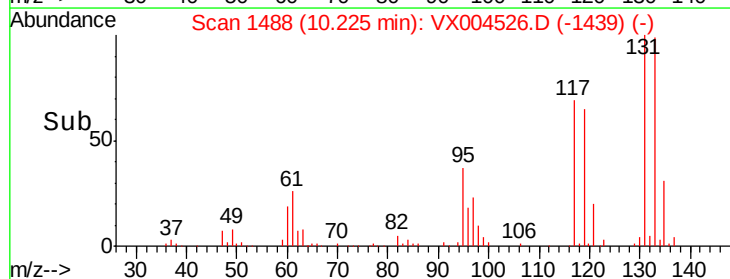
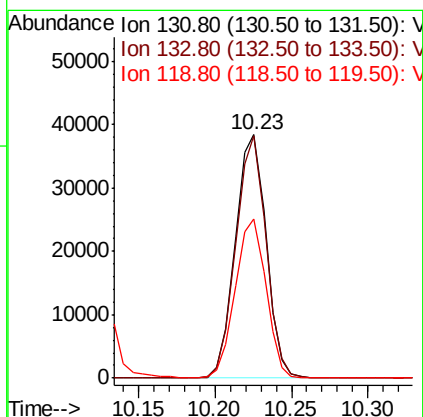
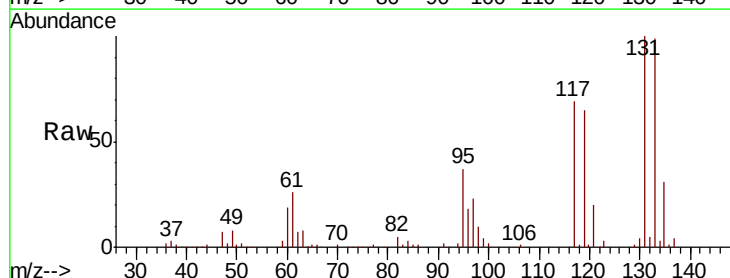
Instrument :
MSVOA_X
ClientSampled :
VX0913WBSD01

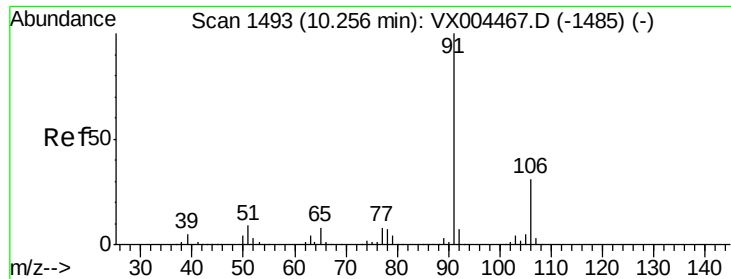
Tot Ion:112 Resp: 156534
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.36 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion:131 Resp: 53899
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.4
119 65.1 32.9 98.6

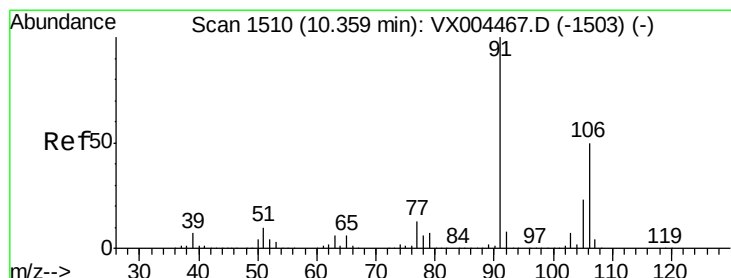
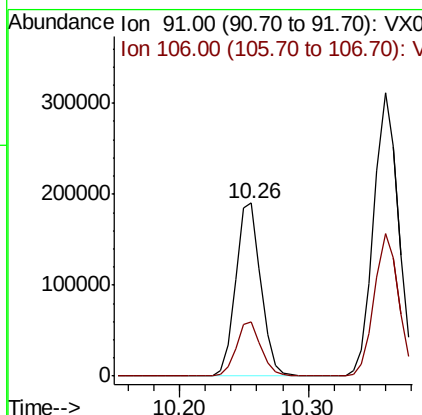
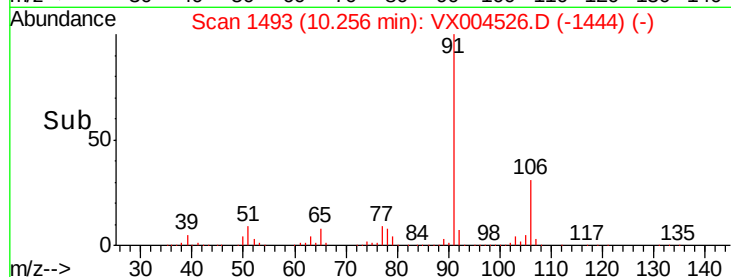
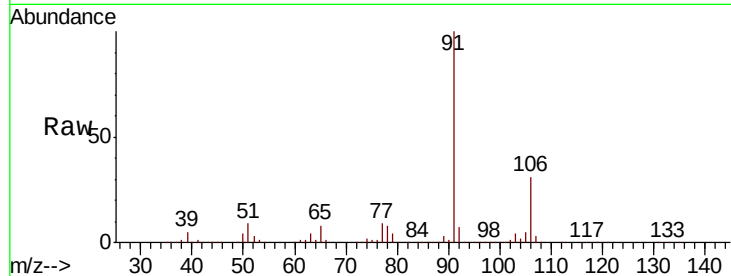




#67
Ethyl Benzene
Concen: 19.75 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

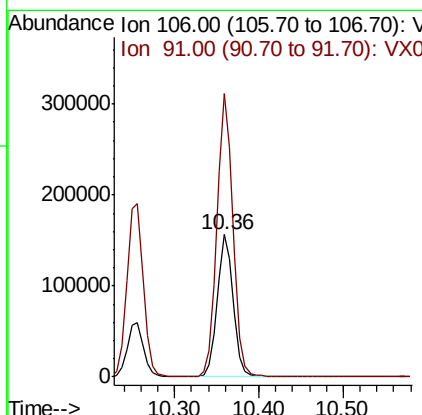
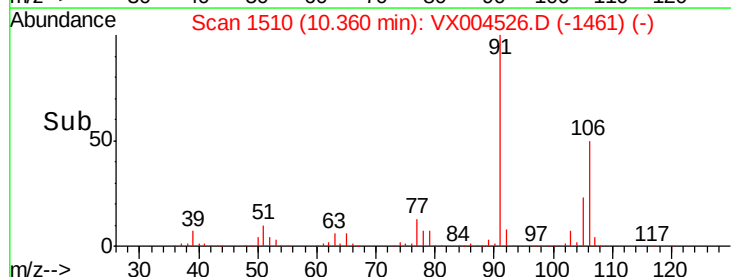
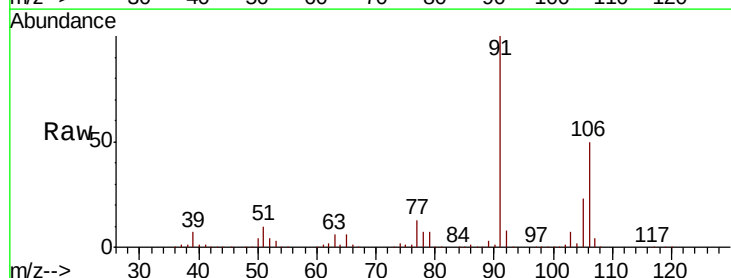
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

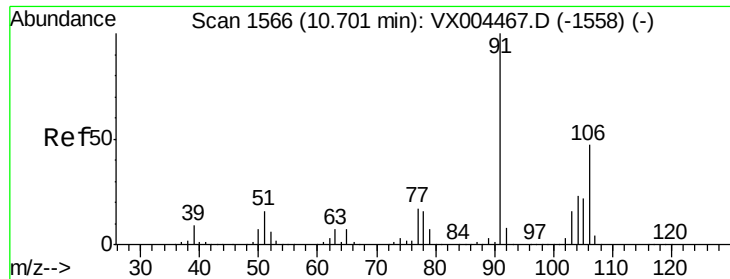
Tot Ion: 91 Resp: 259265
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9



#68
m/p-Xylenes
Concen: 40.62 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 106 Resp: 205421
Ion Ratio Lower Upper
106 100
91 200.4 157.1 235.7

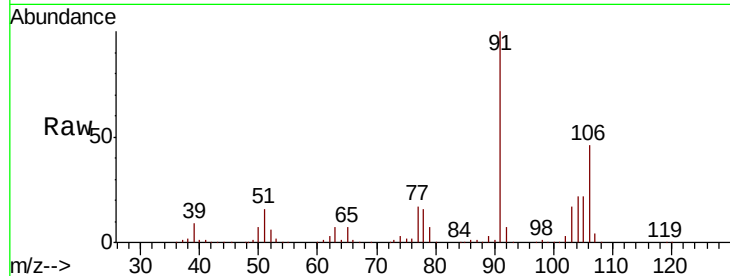




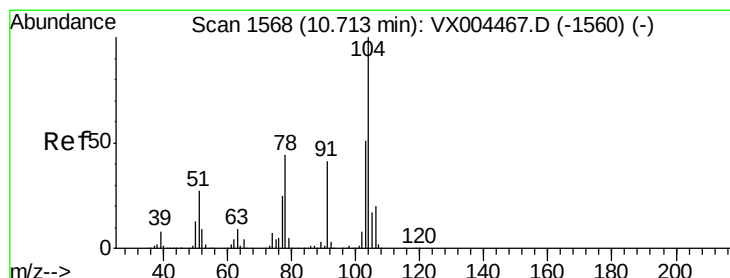
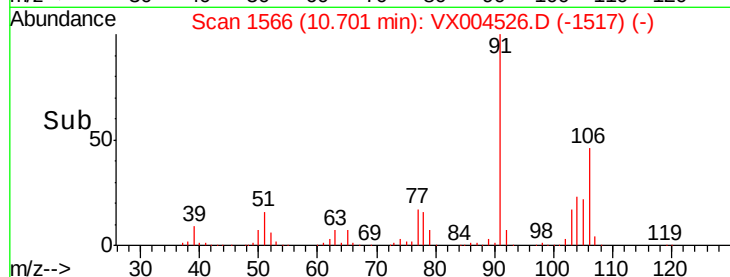
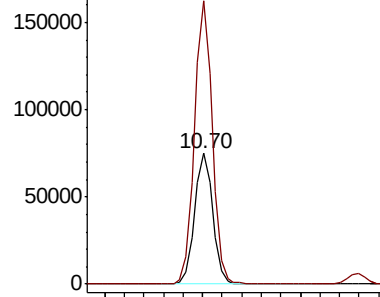
#69
o-Xylene
Concen: 19.93 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion:106 Resp: 96885
Ion Ratio Lower Upper
106 100
91 212.8 105.1 315.1

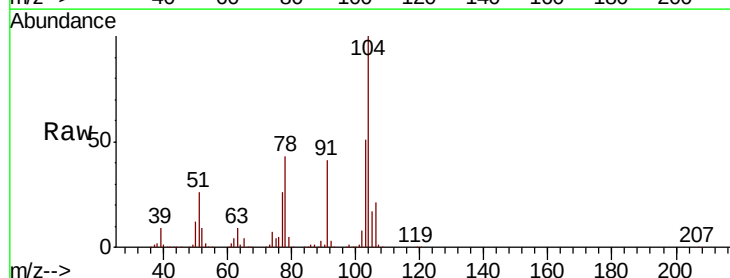


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

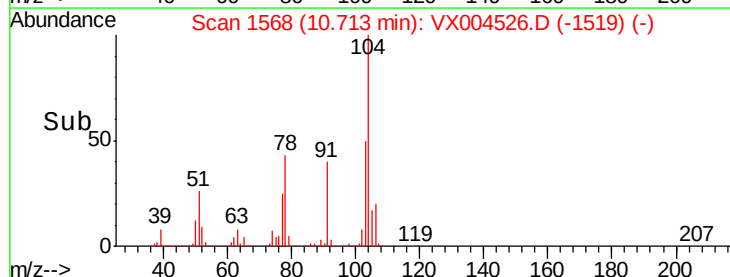
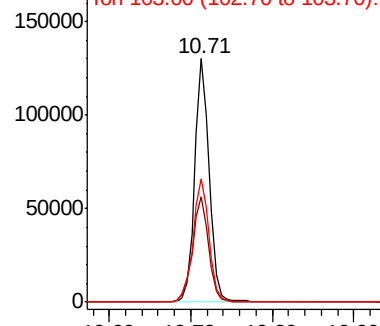


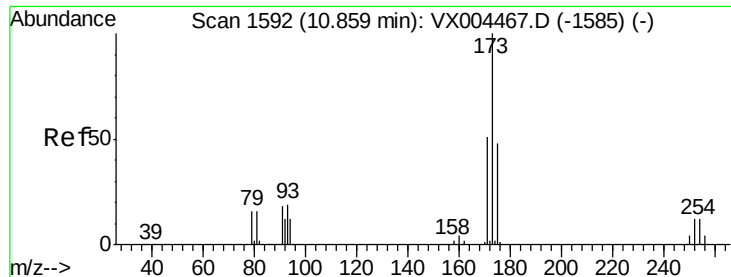
#70
Styrene
Concen: 20.13 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion:104 Resp: 162113
Ion Ratio Lower Upper
104 100
78 48.4 37.4 56.0
103 56.1 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.49 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

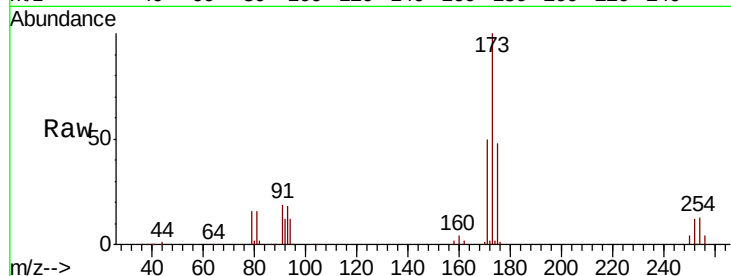
Tot Ion:173 Resp: 42278

Ion Ratio Lower Upper

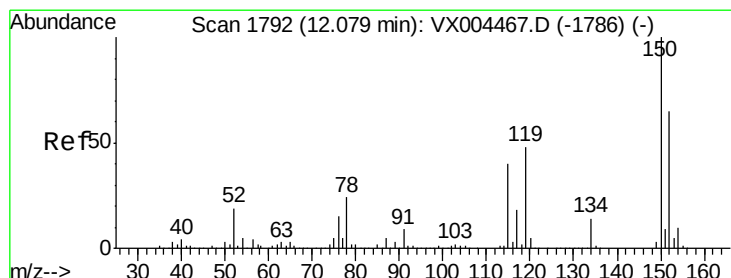
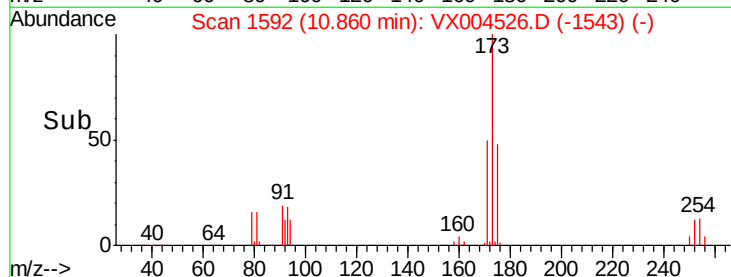
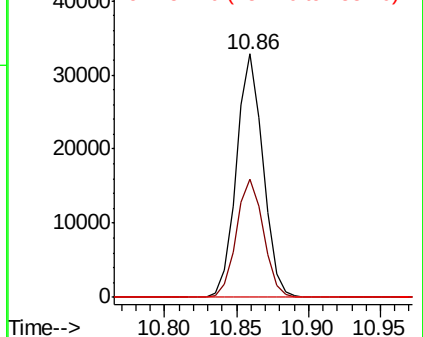
173 100

175 49.4 24.1 72.3

254 0.0 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# 1792

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

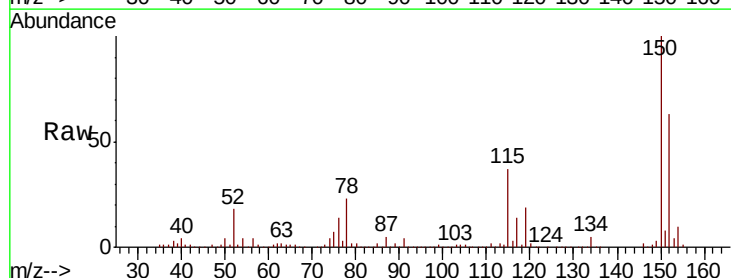
Tgt Ion:152 Resp: 193885

Ion Ratio Lower Upper

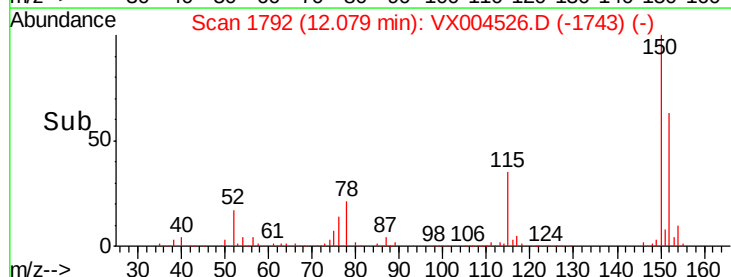
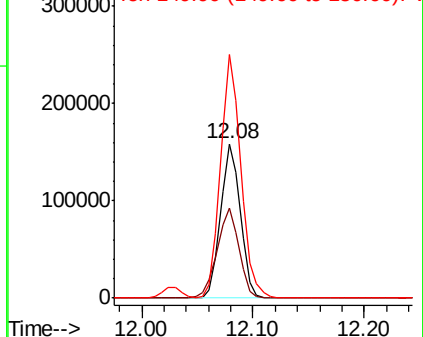
152 100

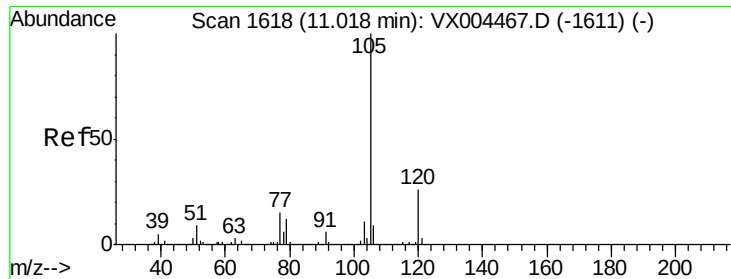
115 64.3 39.0 117.0

150 163.7 0.0 351.0



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: 20.73 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

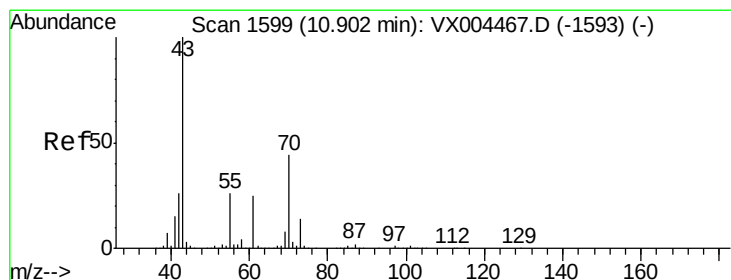
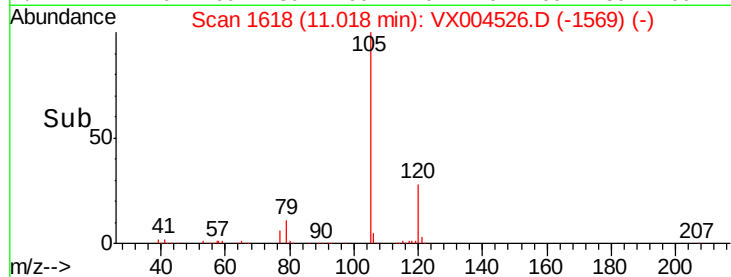
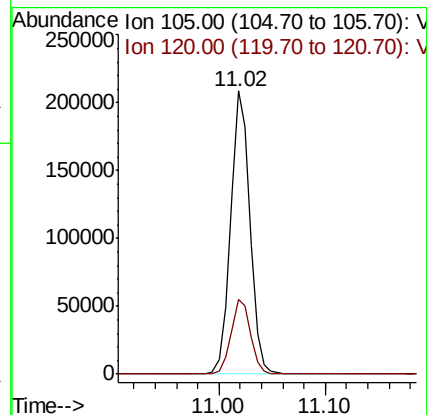
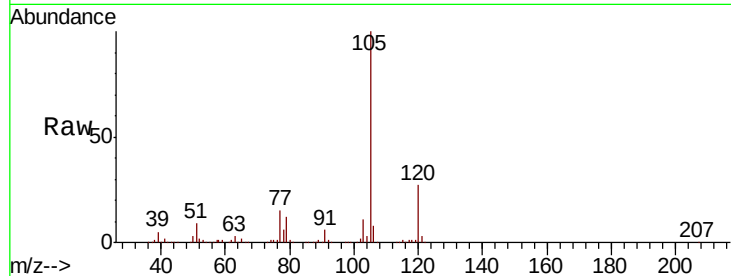
VX0913WBSD01

Tot Ion:105 Resp: 264678

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



#74

N-ethyl acetate

Concen: 18.91 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Tgt Ion: 43 Resp: 101622

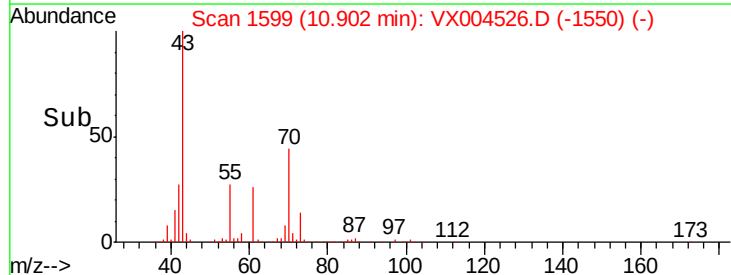
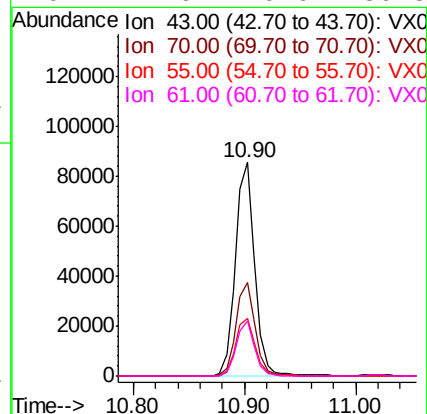
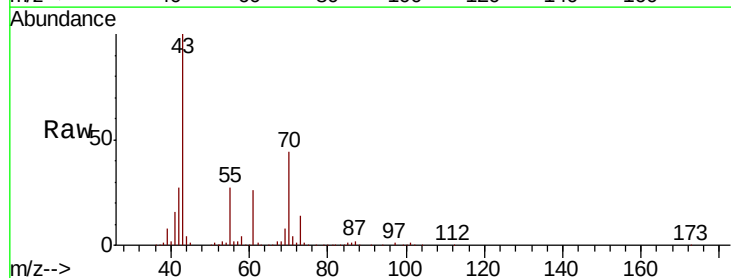
Ion Ratio Lower Upper

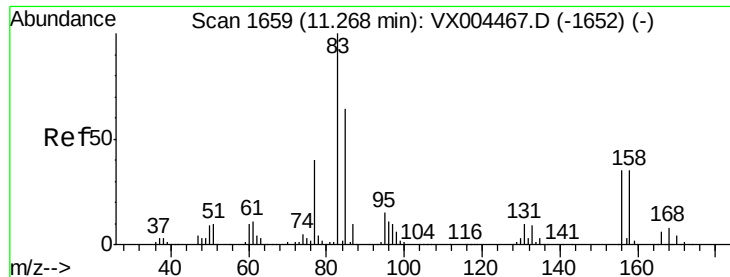
43 100

70 44.0 37.4 56.0

55 28.3 21.8 32.8

61 24.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.88 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

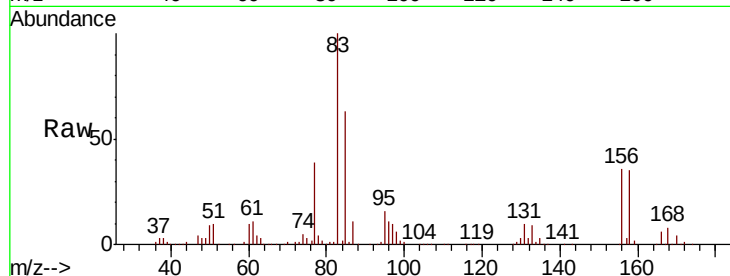
Tot Ion: 83 Resp: 81883

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

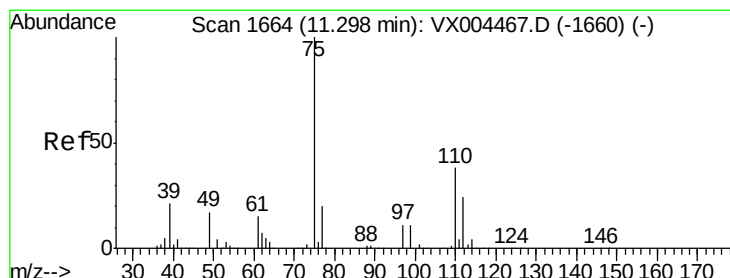
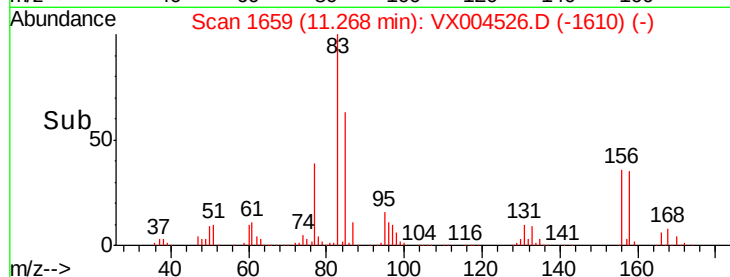
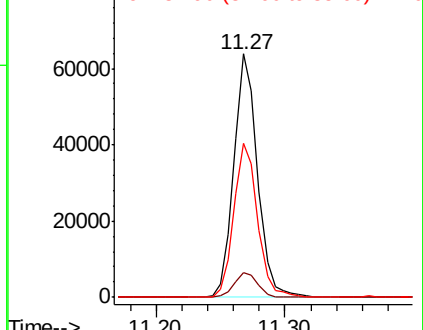
85 63.9 32.3 96.8



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: 24.26 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004526.D

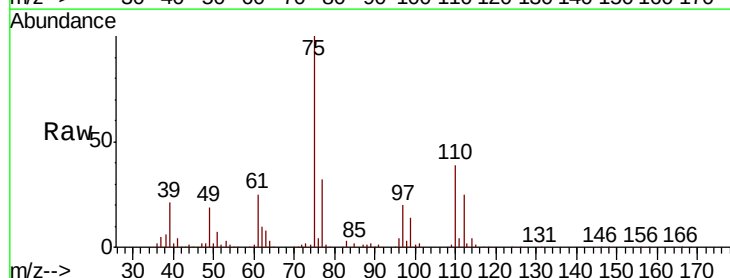
Acq: 13 Sep 2018 19:41

Tgt Ion: 75 Resp: 94620

Ion Ratio Lower Upper

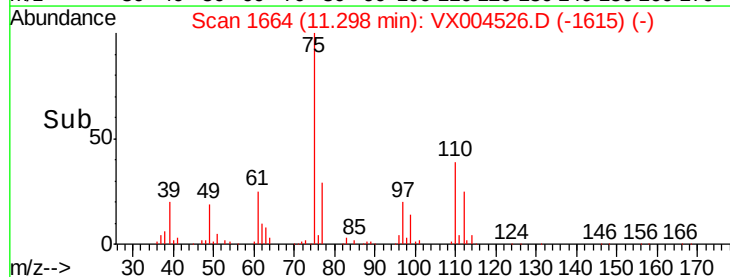
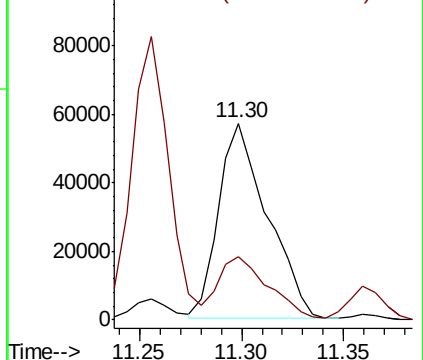
75 100

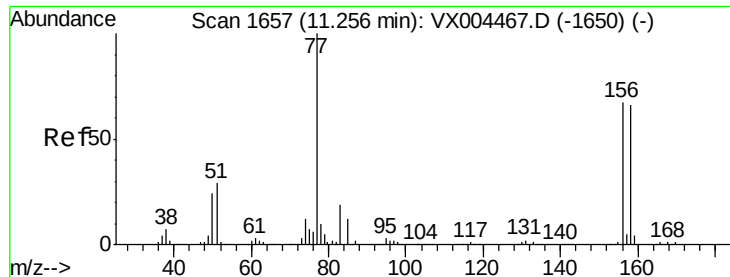
77 33.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.21 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

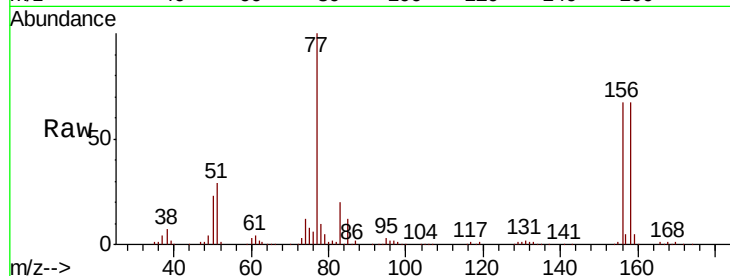
Tot Ion:156 Resp: 71322

Ion Ratio Lower Upper

156 100

77 146.7 71.5 214.3

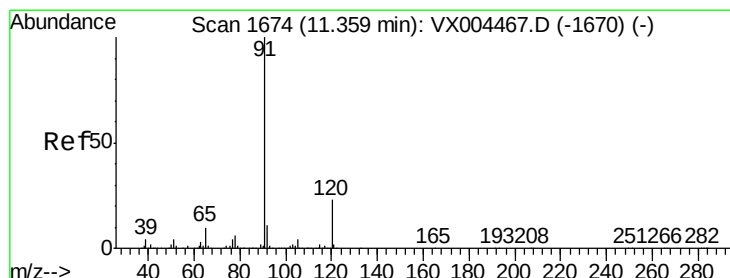
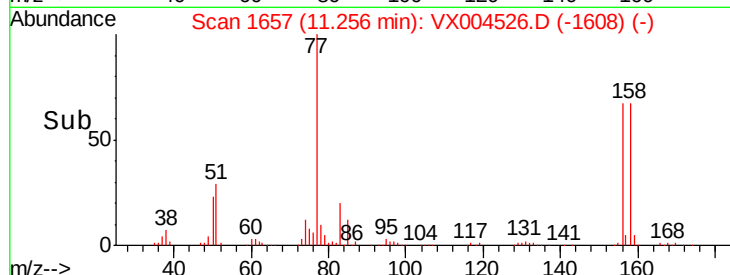
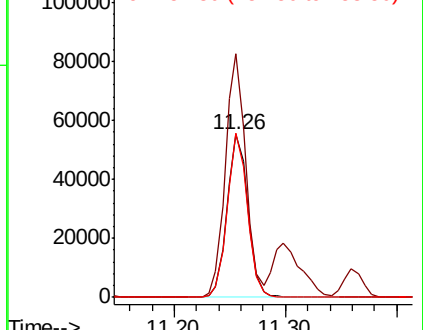
158 98.3 48.9 146.8



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: 20.59 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004526.D

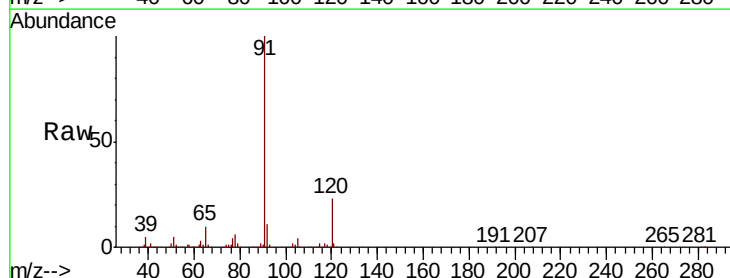
Acq: 13 Sep 2018 19:41

Tgt Ion: 91 Resp: 302268

Ion Ratio Lower Upper

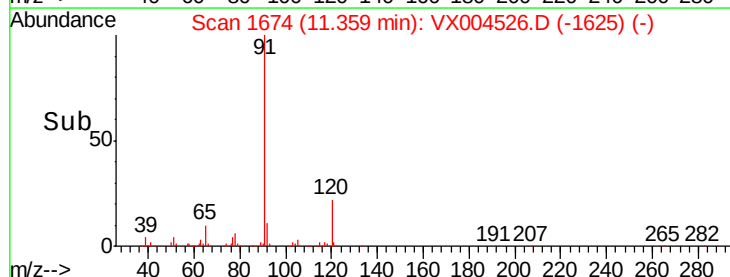
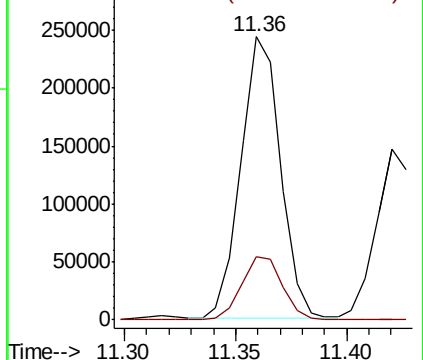
91 100

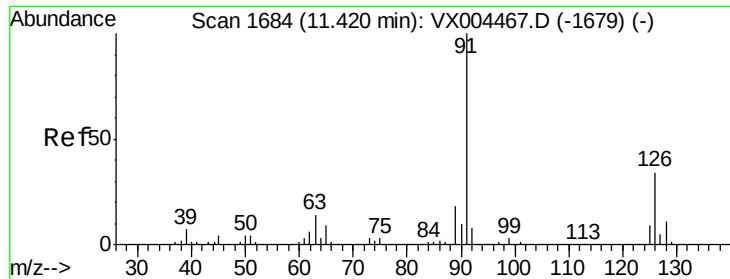
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

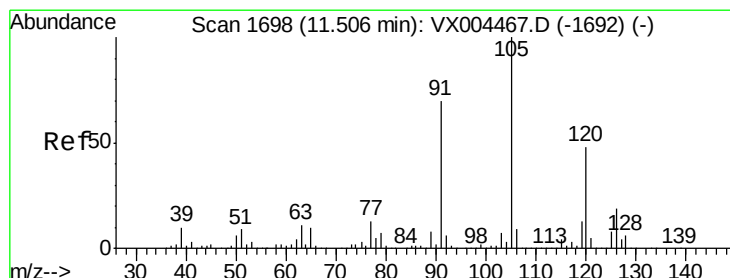
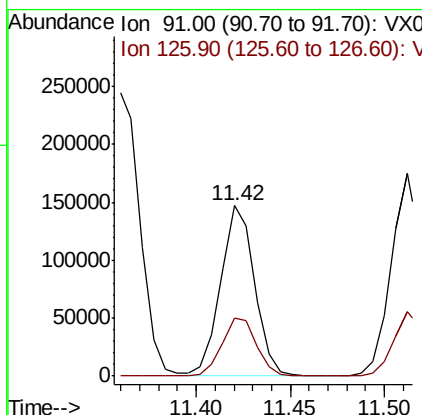
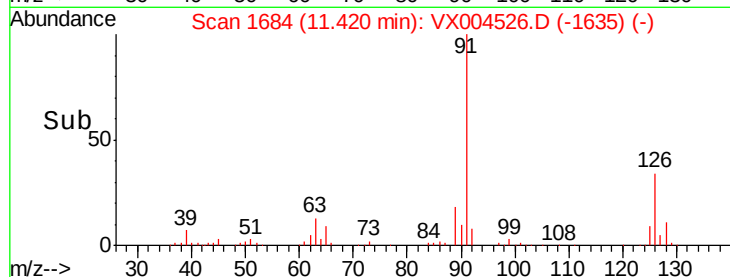
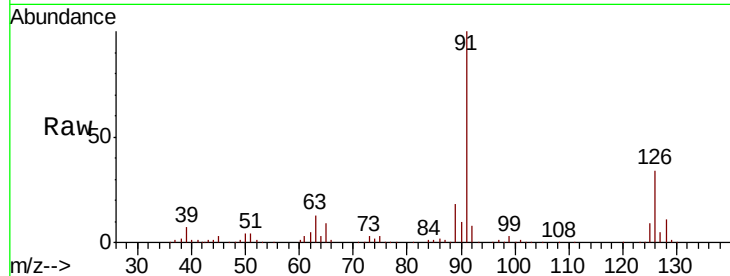




#79
 2-Chlorotoluene
 Concen: 20.40 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

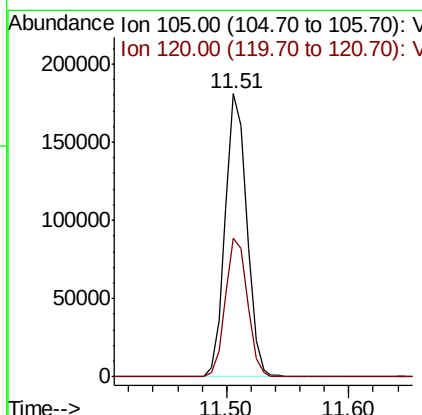
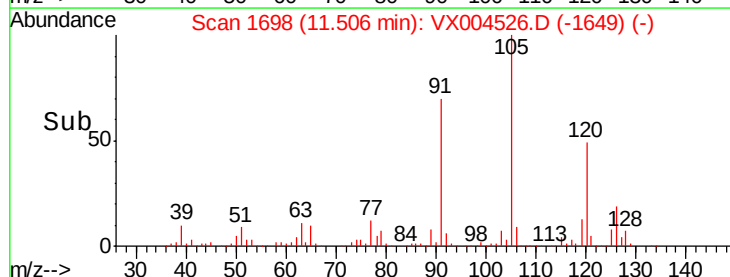
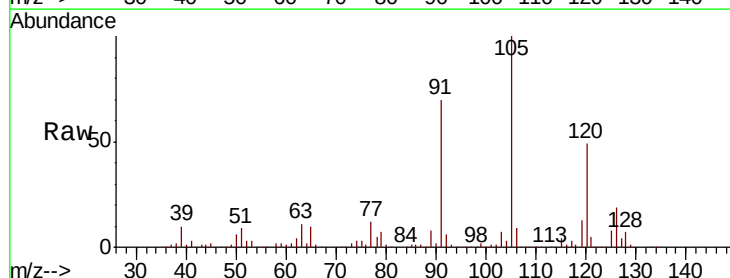
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0913WBSD01

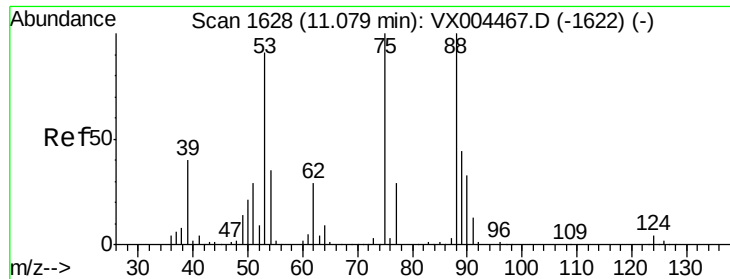
Tot Ion: 91 Resp: 181627
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.63 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion: 105 Resp: 221472
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.55 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

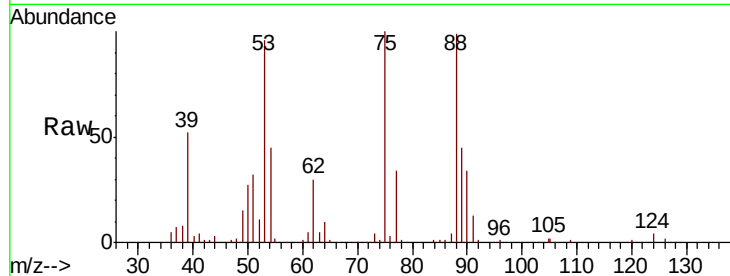
Tot Ion: 75 Resp: 22702

Ion Ratio Lower Upper

75 100

53 101.2 80.1 120.1

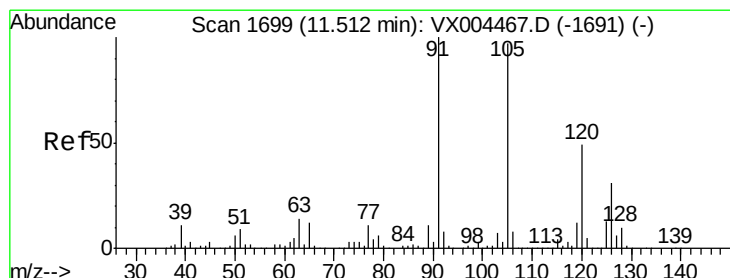
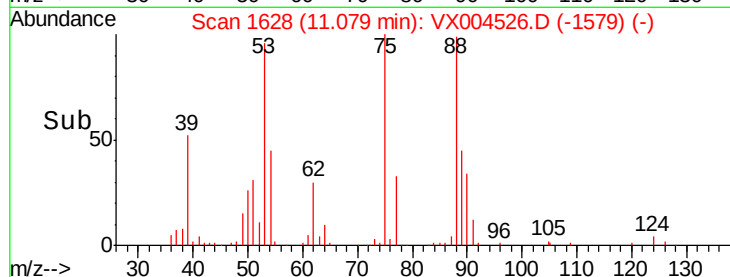
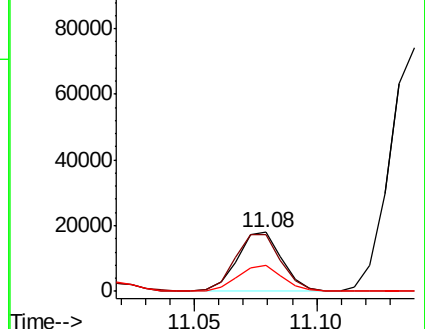
89 45.1 37.2 55.8



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: 20.23 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004526.D

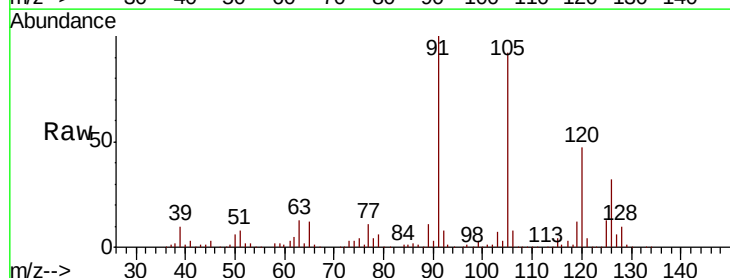
Acq: 13 Sep 2018 19:41

Tgt Ion: 91 Resp: 210207

Ion Ratio Lower Upper

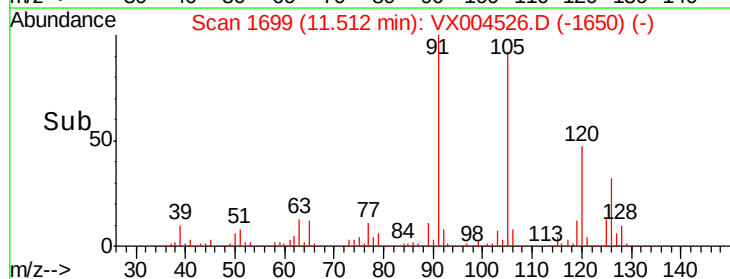
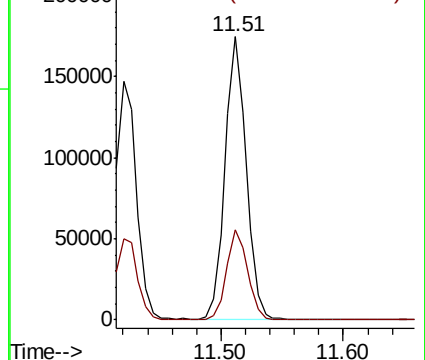
91 100

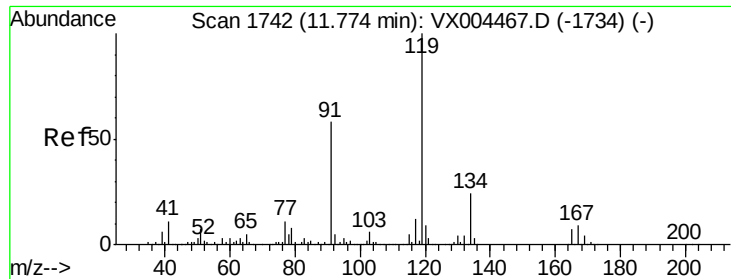
126 31.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

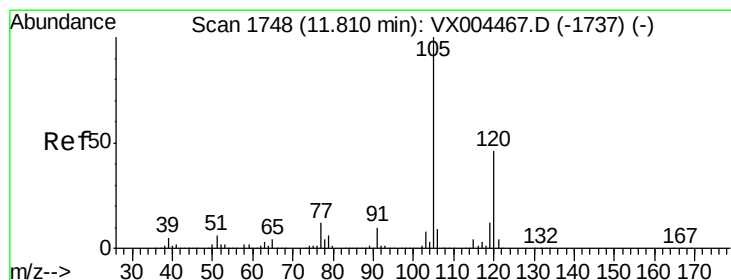
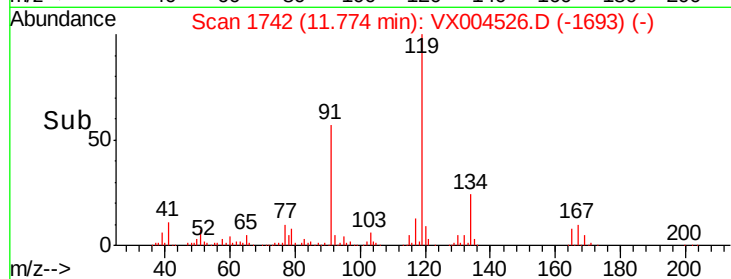
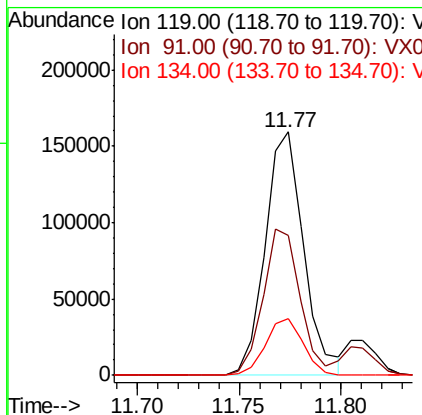
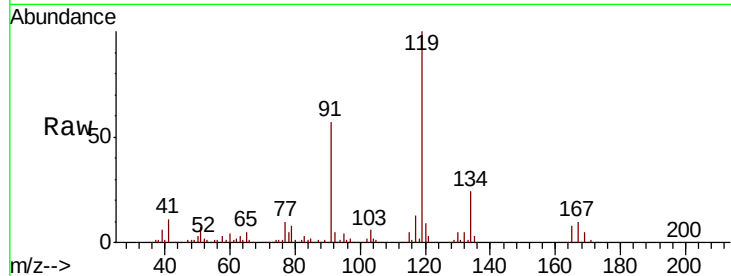




#83
 tert-Butylbenzene
 Concen: 20.54 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

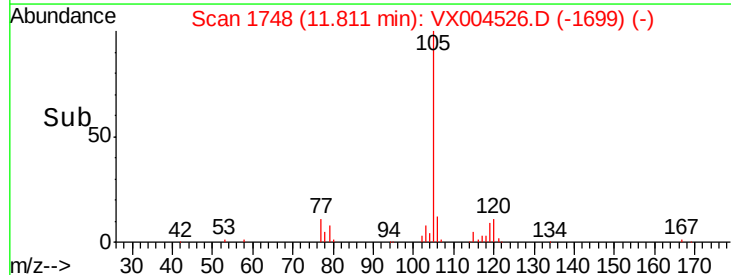
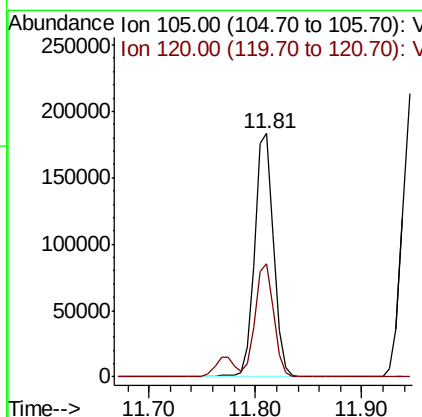
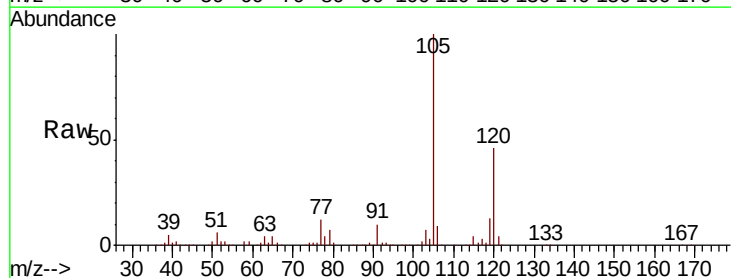
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

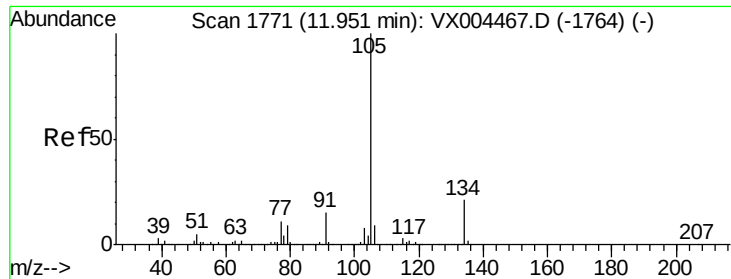
Tot Ion:119 Resp: 209882
 Ion Ratio Lower Upper
 119 100
 91 57.5 27.0 81.0
 134 23.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.92 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion:105 Resp: 229252
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.65 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

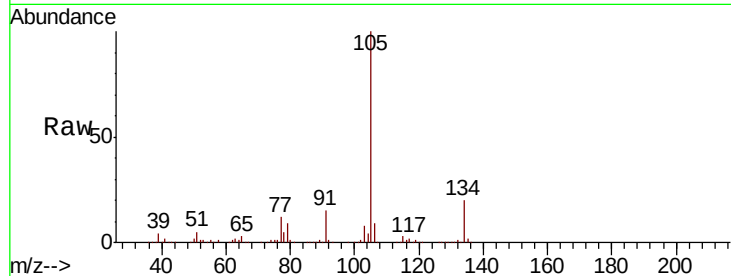
VX0913WBSD01

Tot Ion:105 Resp: 268932

Ion Ratio Lower Upper

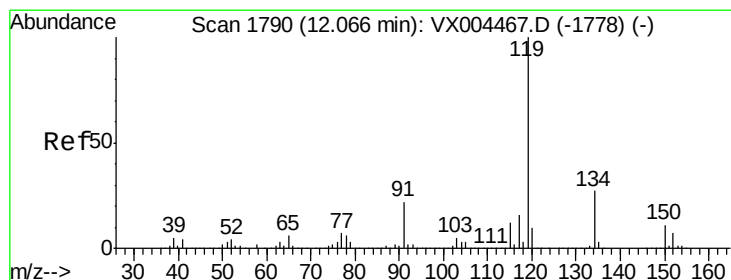
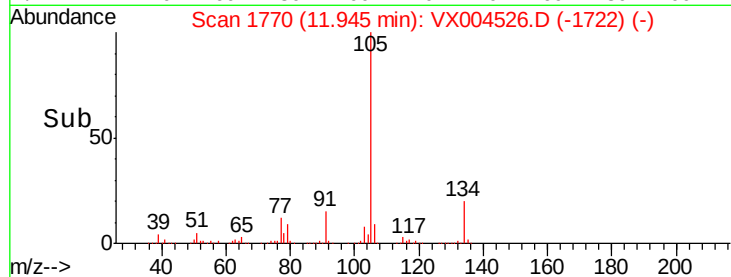
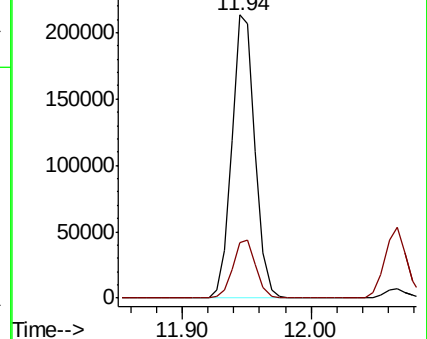
105 100

134 20.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.56 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

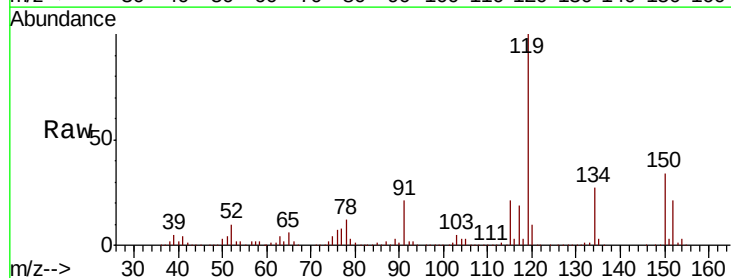
Tgt Ion:119 Resp: 236390

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

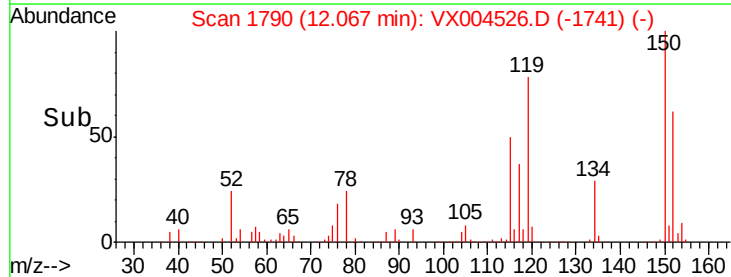
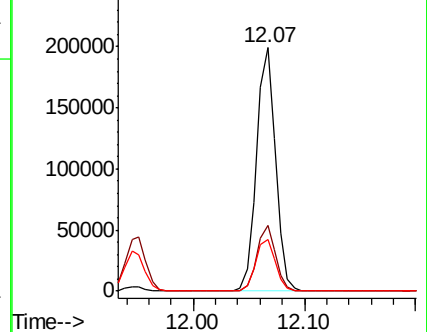
91 22.2 10.9 32.7

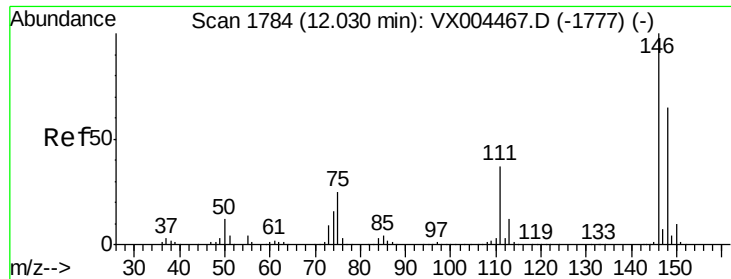


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

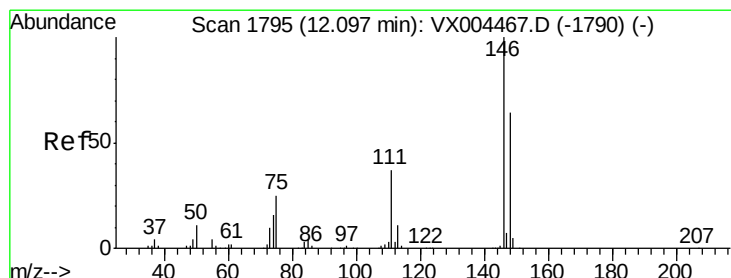
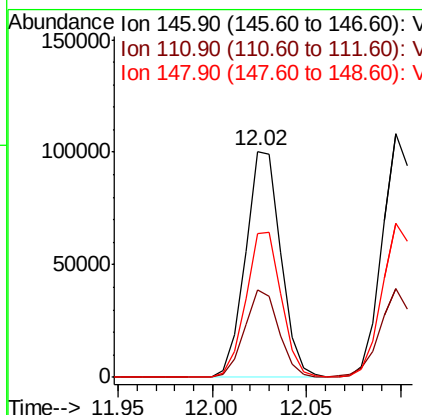
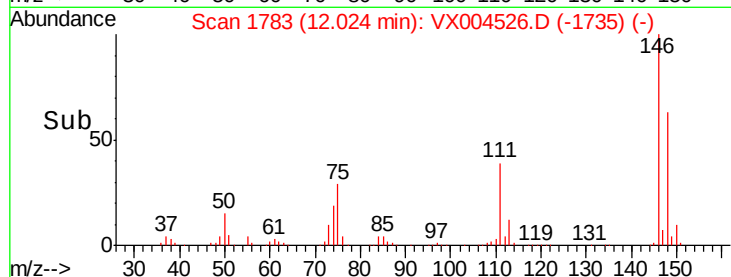
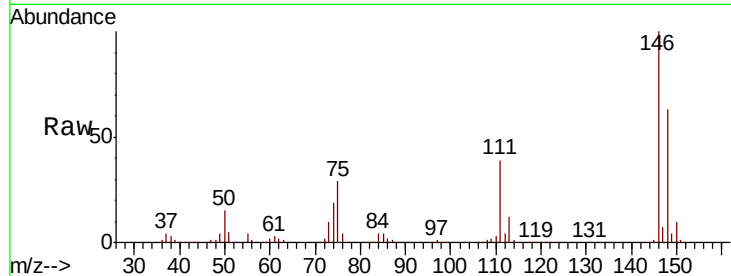




#87
 1,3-Dichlorobenzene
 Concen: 19.81 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

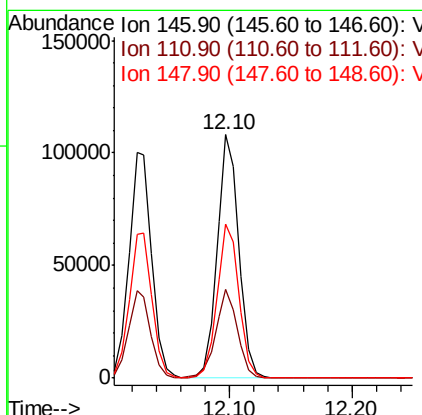
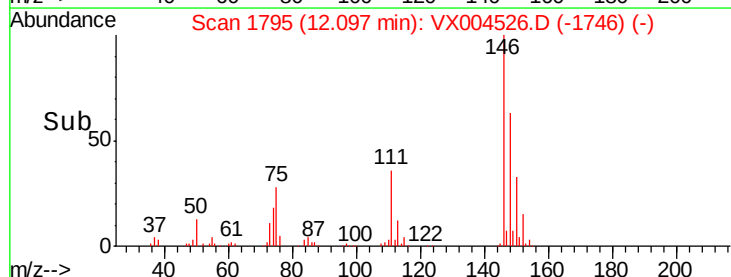
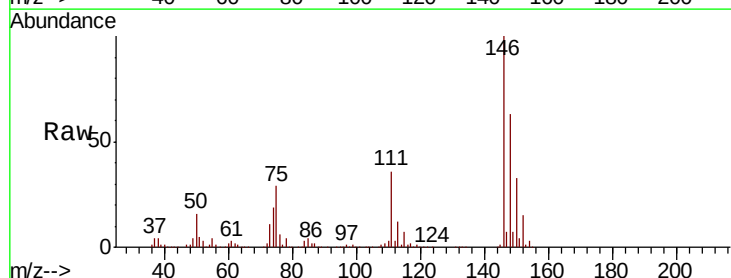
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0913WBSD01

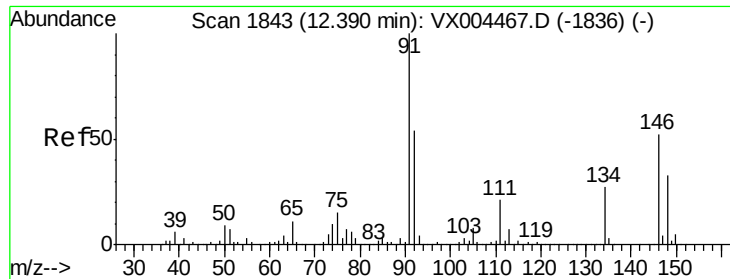
Tot Ion:146 Resp: 130473
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.54 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion:146 Resp: 132971
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.1
 148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 19.12 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

VX0913WBSD01

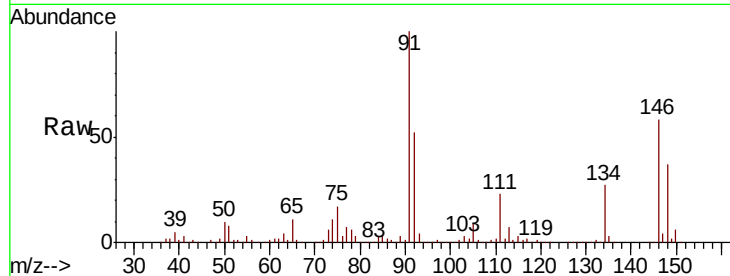
Tot Ion: 91 Resp: 200320

Ion Ratio Lower Upper

91 100

92 52.1 27.3 81.9

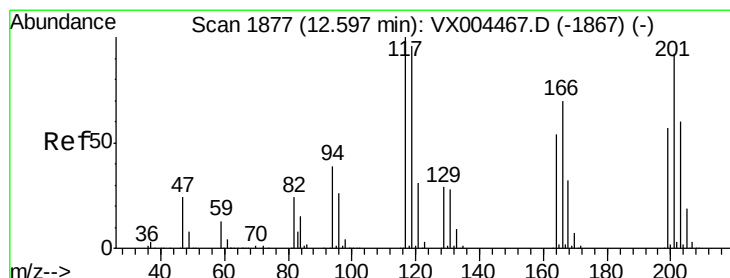
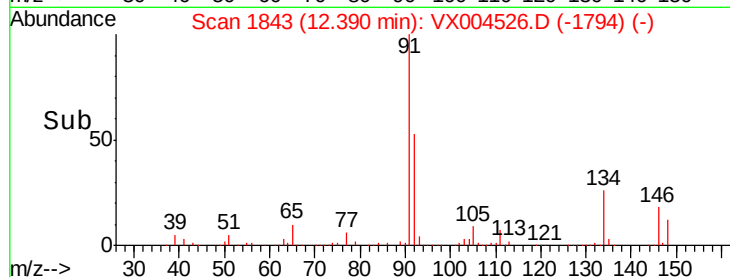
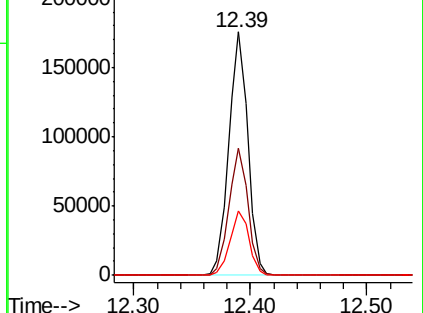
134 26.6 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.69 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX004526.D

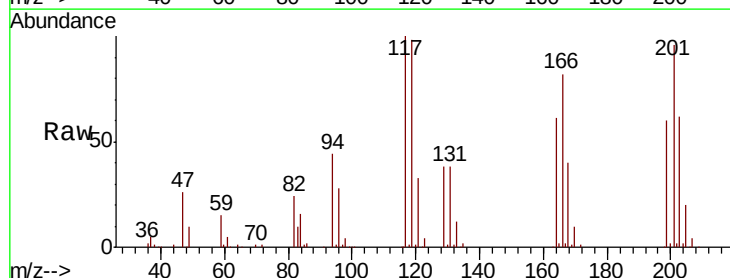
Acq: 13 Sep 2018 19:41

Tgt Ion: 117 Resp: 34406

Ion Ratio Lower Upper

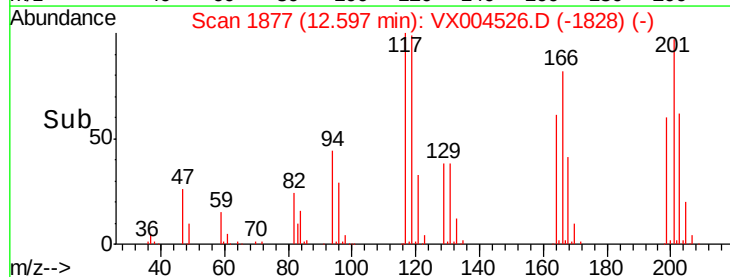
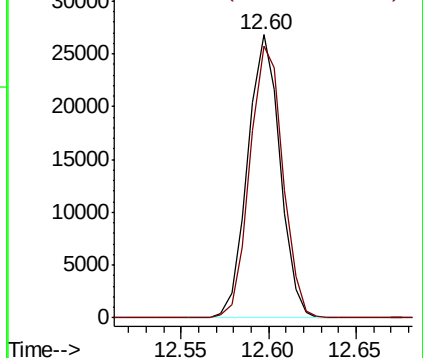
117 100

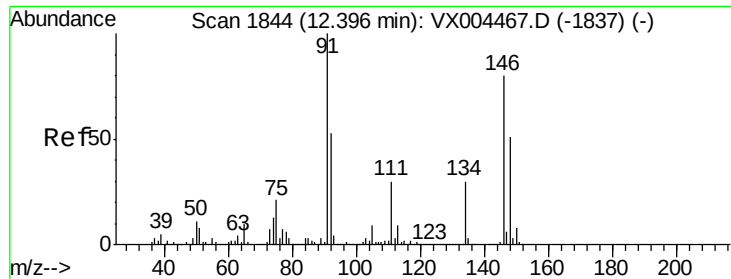
201 98.0 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

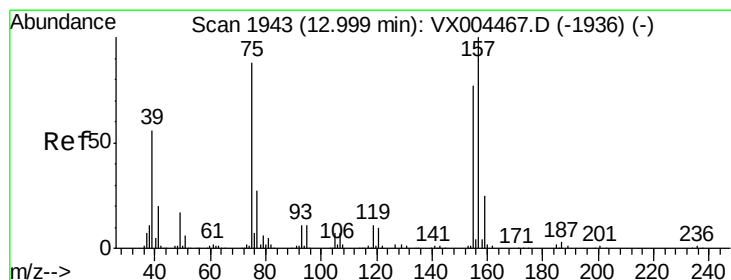
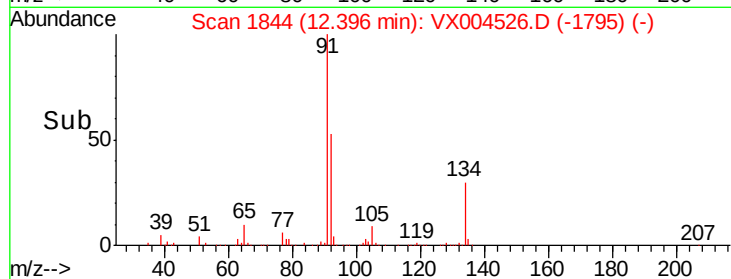
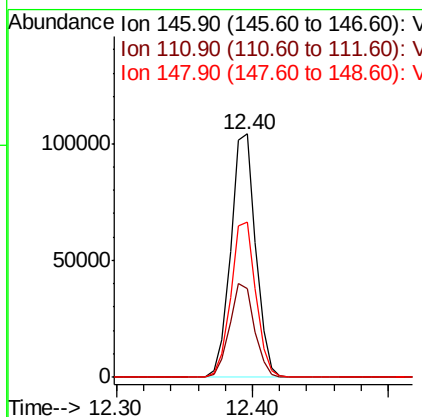
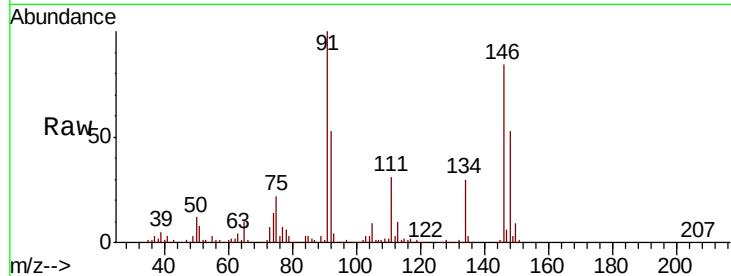




#91
 1,2-Dichlorobenzene
 Concen: 19.84 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

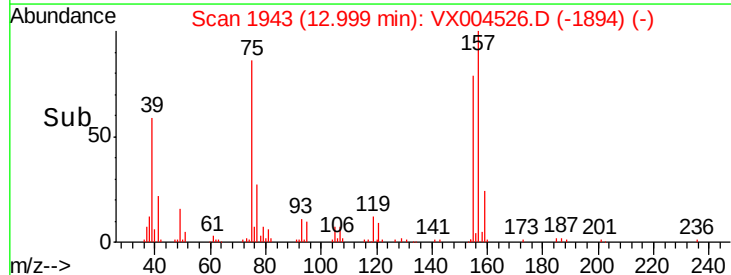
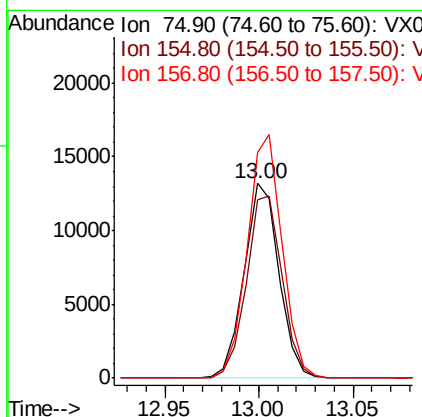
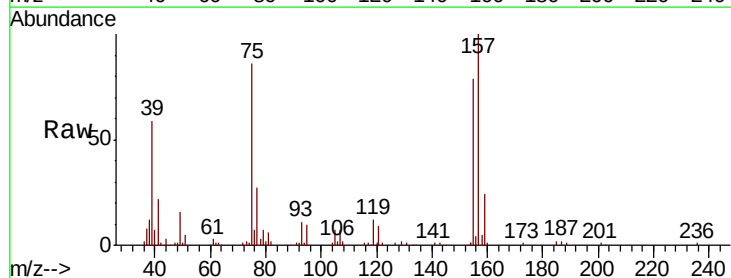
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

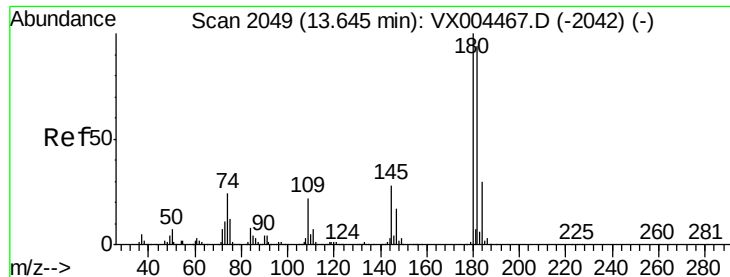
Tot Ion:146 Resp: 132258
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 64.0 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.22 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion: 75 Resp: 16900
 Ion Ratio Lower Upper
 75 100
 155 95.6 48.0 144.2
 157 124.7 61.4 184.1

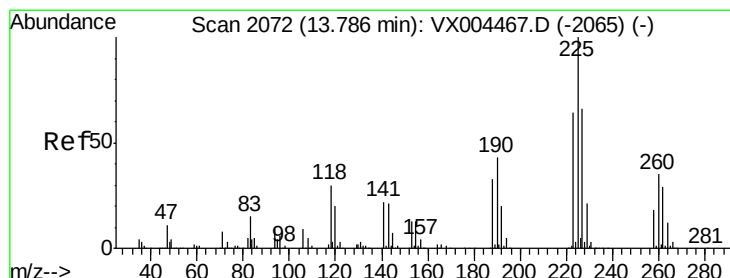
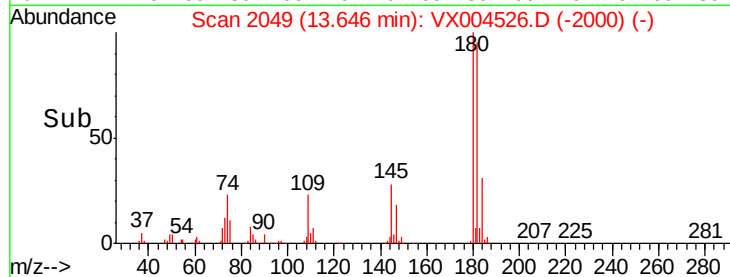
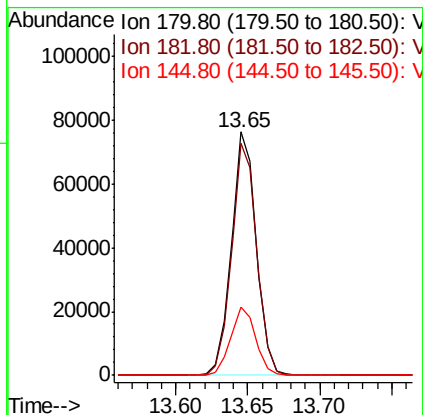
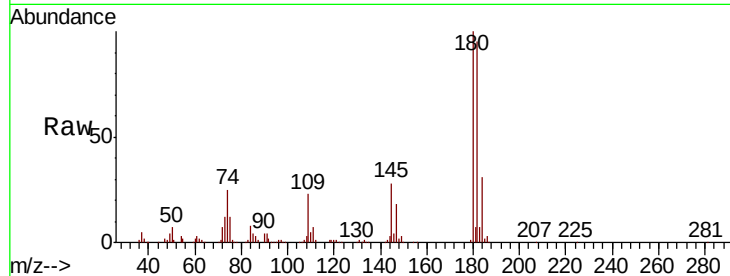




#93
 1,2,4-Trichlorobenzene
 Concen: 19.63 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

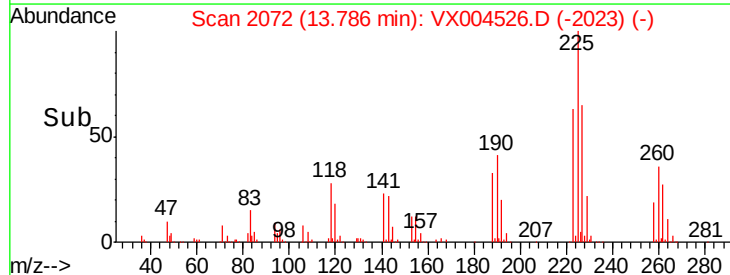
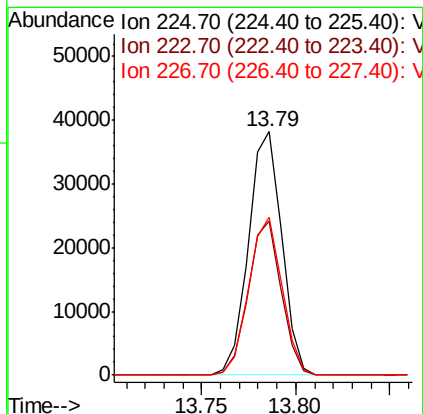
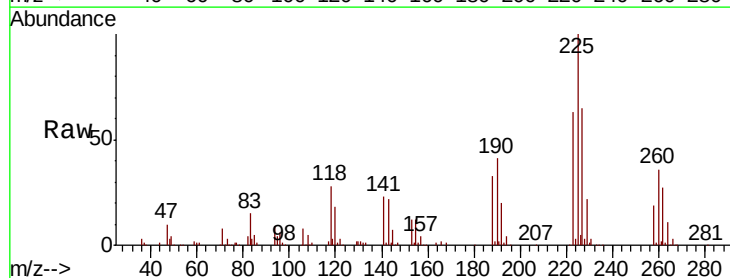
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

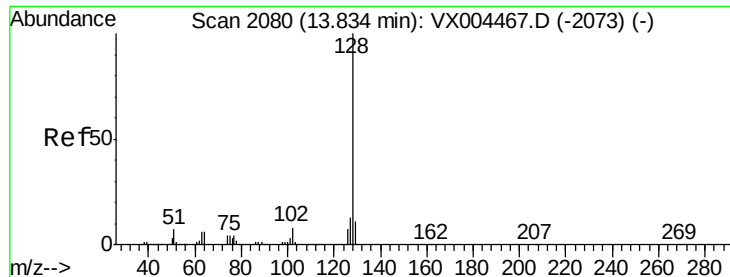
Tot Ion:180 Resp: 92635
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.0
 145 28.1 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 18.99 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion:225 Resp: 46811
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.1 90.5
 227 64.8 30.8 92.4





#95

Naphthalene

Concen: 20.19 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

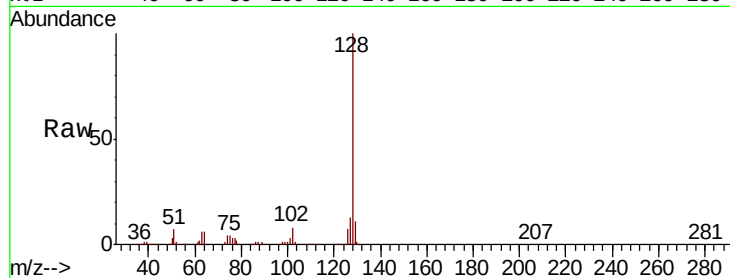
Tot Ion:128 Resp: 267269

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

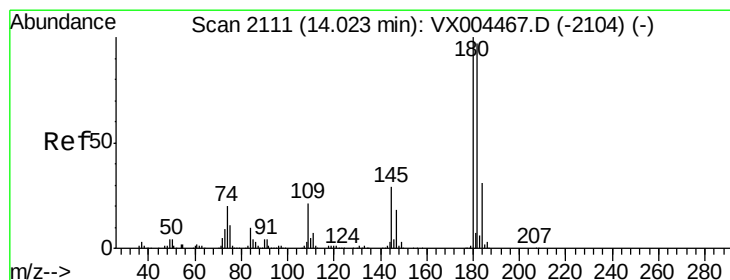
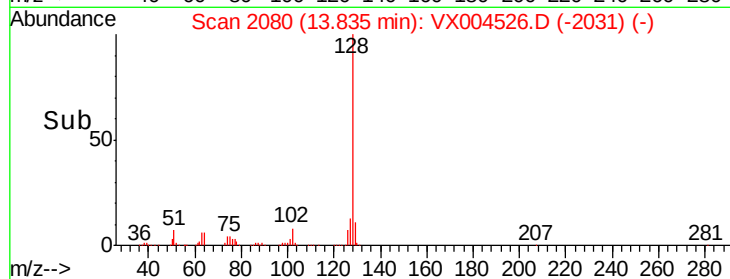
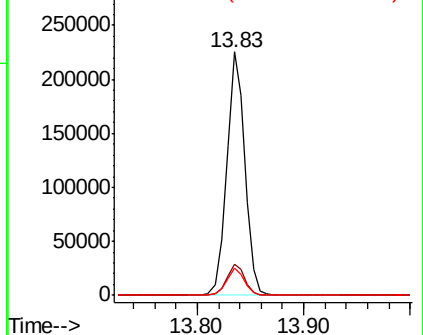
129 10.9 8.6 12.8



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: 19.84 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

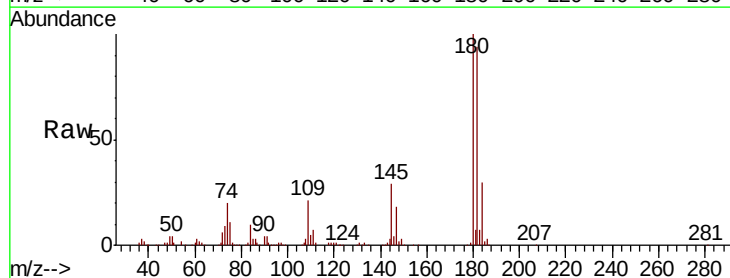
Tgt Ion:180 Resp: 96182

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 29.7 14.9 44.9



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

