

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004621.D
 Acq On : 17 Sep 2018 15:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 00:52:56 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	280913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191764	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	140178	38.70	ug/l	0.00
Spiked Amount			Recovery	=	77.40%	
35) Dibromofluoromethane	5.50	113	127375	40.80	ug/l	0.00
Spiked Amount			Recovery	=	81.60%	
50) Toluene-d8	8.71	98	418384	39.97	ug/l	0.00
Spiked Amount			Recovery	=	79.94%	
62) 4-Bromofluorobenzene	11.14	95	155331	41.57	ug/l	0.00
Spiked Amount			Recovery	=	83.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	125712	47.75	ug/l	100
3) Chloromethane	1.32	50	156679	43.24	ug/l	98
4) Vinyl Chloride	1.40	62	176909	47.57	ug/l	96
5) Bromomethane	1.64	94	77546	49.80	ug/l	99
6) Chloroethane	1.71	64	108562	45.14	ug/l	95
7) Trichlorofluoromethane	1.92	101	228388	46.33	ug/l	86
8) Diethyl Ether	2.19	74	103087	46.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144632	46.25	ug/l	95
10) Methyl Iodide	2.51	142	149824	40.92	ug/l	98
11) Tert butyl alcohol	3.06	59	182861	211.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135296	46.09	ug/l	98
13) Acrolein	2.29	56	81953	240.21	ug/l	98
14) Allyl chloride	2.72	41	284898	47.21	ug/l	94
15) Acrylonitrile	3.15	53	487476	234.22	ug/l	95
16) Acetone	2.44	43	431805	244.25	ug/l	93
17) Carbon Disulfide	2.57	76	418291	49.30	ug/l	100
18) Methyl Acetate	2.78	43	218322	44.02	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	469219	45.56	ug/l	95
20) Methylene Chloride	2.85	84	162126	44.70	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	164814	50.81	ug/l	87
22) Diisopropyl ether	3.86	45	533900	49.12	ug/l	97
23) Vinyl Acetate	3.82	43	2182192	248.11	ug/l	97
24) 1,1-Dichloroethane	3.69	63	305244	49.75	ug/l	97
25) 2-Butanone	4.70	43	586223	208.35	ug/l	99
26) 2,2-Dichloropropane	4.58	77	231470	54.92	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	179626	49.61	ug/l	98
28) Bromochloromethane	5.01	49	108136	38.53	ug/l	98
29) Tetrahydrofuran	5.15	42	382141	225.22	ug/l	97
30) Chloroform	5.21	83	282693	47.19	ug/l	99
31) Cyclohexane	5.57	56	263439	50.28	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	234477	48.60	ug/l	98
36) 1,1-Dichloropropene	5.79	75	220397	53.22	ug/l	98
37) Ethyl Acetate	4.85	43	218116	46.31	ug/l	99
38) Carbon Tetrachloride	5.77	117	209349	51.75	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	253721	58.71	ug/l	87
40) Benzene	6.14	78	671032	54.61	ug/l	95
41) Methacrylonitrile	5.05	41	125381	48.31	ug/l	99
42) 1,2-Dichloroethane	6.20	62	198015	48.59	ug/l	100
43) Isopropyl Acetate	6.46	43	347733	55.58	ug/l	98
44) Trichloroethene	7.21	130	172610	54.07	ug/l	92
45) 1,2-Dichloropropane	7.51	63	149314	50.50	ug/l	98
46) Dibromomethane	7.66	93	94158	50.41	ug/l	99
47) Bromodichloromethane	7.90	83	182766	51.74	ug/l	93
48) Methyl methacrylate	7.77	41	151881	49.05	ug/l	98
49) 1,4-Dioxane	7.75	88	70982	968.64	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	964577	218.48	ug/l	99
52) Toluene	8.79	92	355876	49.16	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	206524	50.05	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	227641	54.12	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	142810	45.81	ug/l	97
56) Ethyl methacrylate	9.18	69	212052	48.09	ug/l	98
57) 1,3-Dichloropropane	9.37	76	236549	46.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	495972	221.60	ug/l	97
59) 2-Hexanone	9.49	43	753072	222.38	ug/l	98
60) Dibromochloromethane	9.59	129	150733	51.36	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148285	49.80	ug/l	99
64) Tetrachloroethene	9.34	164	180824	47.90	ug/l	99
65) Chlorobenzene	10.14	112	404805	53.90	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	143579	55.44	ug/l	100
67) Ethyl Benzene	10.25	91	686351	56.20	ug/l	98
68) m/p-Xylenes	10.36	106	545034	115.87	ug/l	99
69) o-Xylene	10.70	106	260071	57.51	ug/l	100
70) Styrene	10.71	104	440697	58.82	ug/l	100
71) Bromoform	10.86	173	121087	56.94	ug/l	100
73) Isopropylbenzene	11.02	105	706304	55.93	ug/l	100
74) N-amyl acetate	10.90	43	273688	51.49	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	205147	50.36	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	253565	65.72	ug/l	87
77) Bromobenzene	11.26	156	189381	54.25	ug/l	99
78) n-propylbenzene	11.36	91	824358	56.77	ug/l	100
79) 2-Chlorotoluene	11.42	91	473680	53.78	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	604211	56.91	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	69188	57.16	ug/l	92
82) 4-Chlorotoluene	11.51	91	560473	54.53	ug/l	98
83) tert-Butylbenzene	11.77	119	586192	57.99	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	620756	57.27	ug/l	99
85) sec-Butylbenzene	11.94	105	742583	57.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	674472	59.30	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	357094	54.83	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	360932	53.63	ug/l	100
89) n-Butylbenzene	12.39	91	608123	58.67	ug/l	98
90) Hexachloroethane	12.60	117	102852	56.48	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	355316	53.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45476	52.28	ug/l	96

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QLast Update : Wed Sep 12 02:17:23 2018
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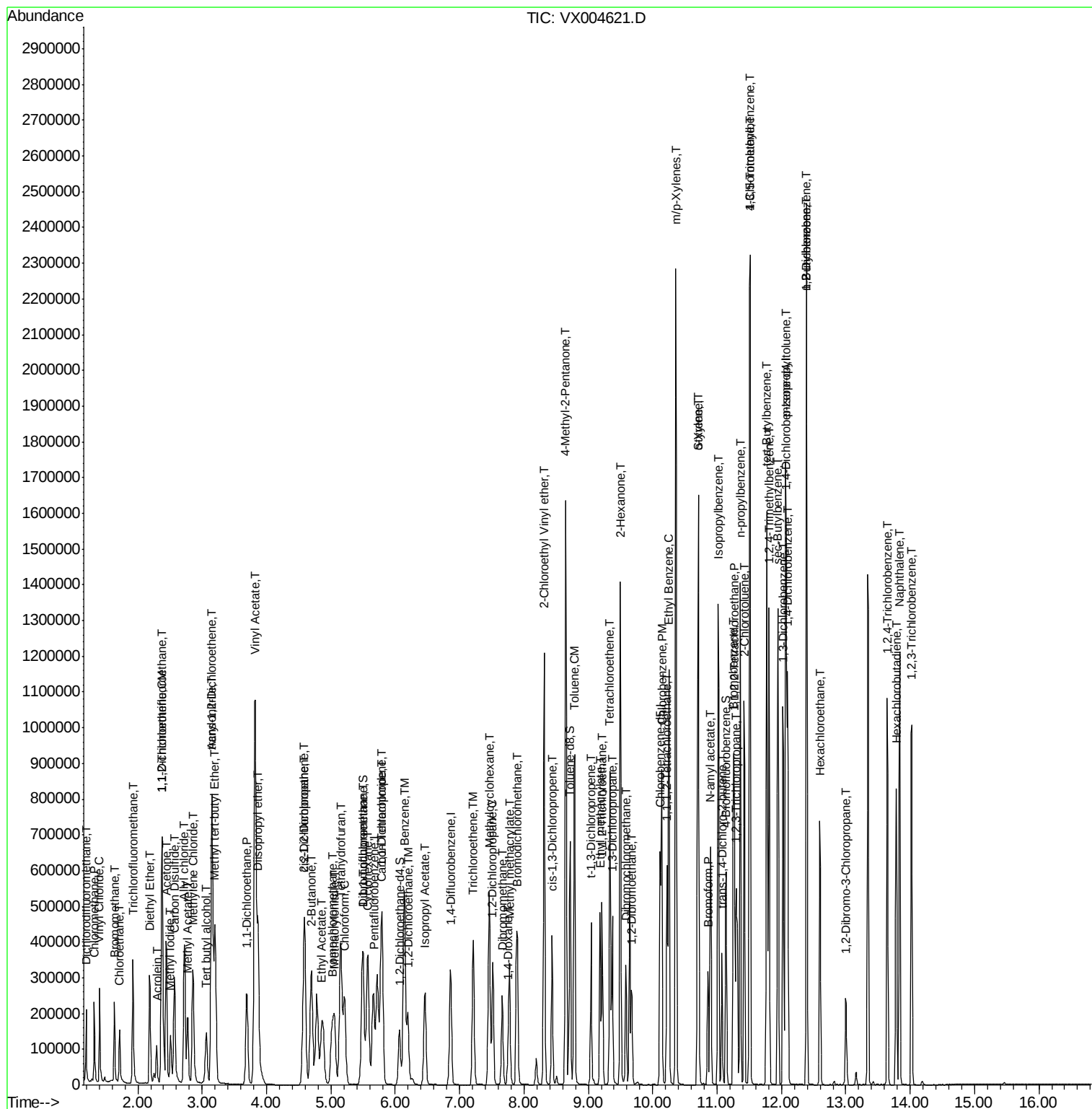
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277645	59.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	144439	59.24	ug/l	96
95) Naphthalene	13.83	128	755281	57.69	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275106	57.37	ug/l	99

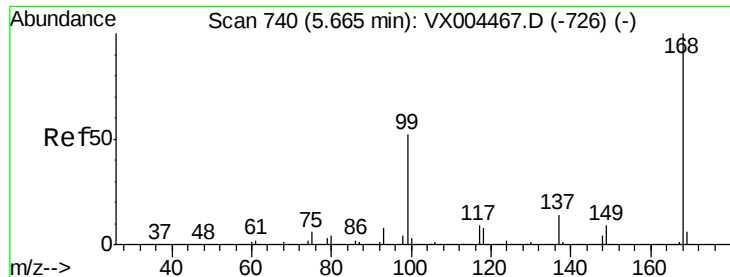
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091718\
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Sep 18 00:52:56 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: VX004621.D

Acq: 17 Sep 2018 15:47

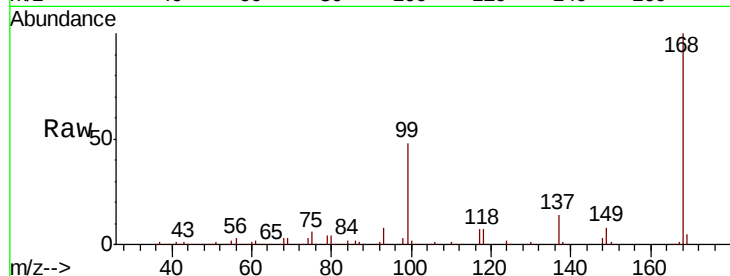
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 280913

Ion Ratio Lower Upper

168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX004467.D (-726) (-)

5.67

100000

80000

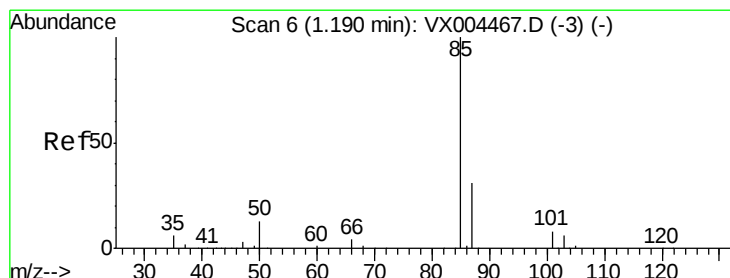
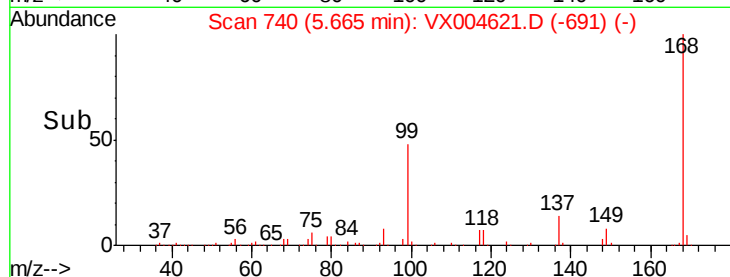
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.75 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004621.D

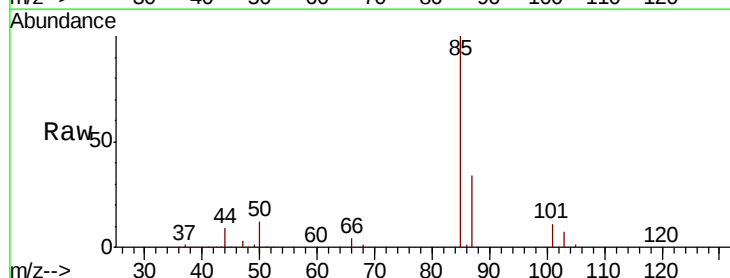
Acq: 17 Sep 2018 15:47

Tgt Ion: 85 Resp: 125712

Ion Ratio Lower Upper

85 100

87 34.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX004467.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX004467.D (-3) (-)

1.20

120000

100000

80000

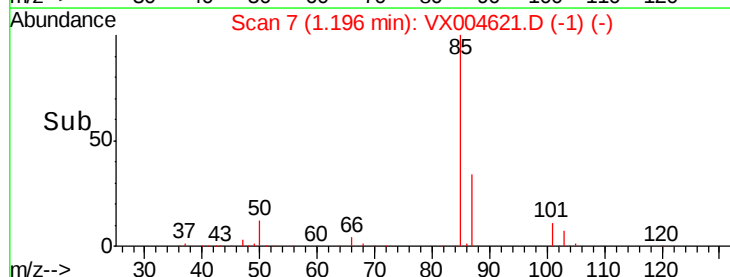
60000

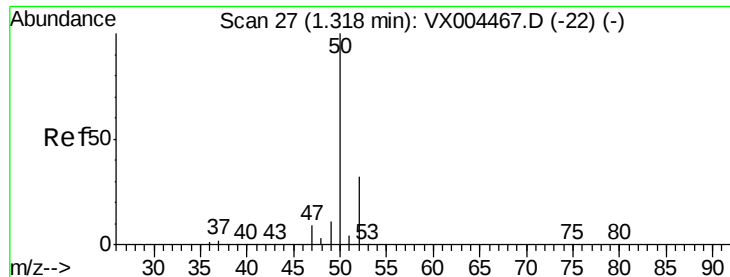
40000

20000

0

Time-->





#3

Chloromethane

Concen: 43.24 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

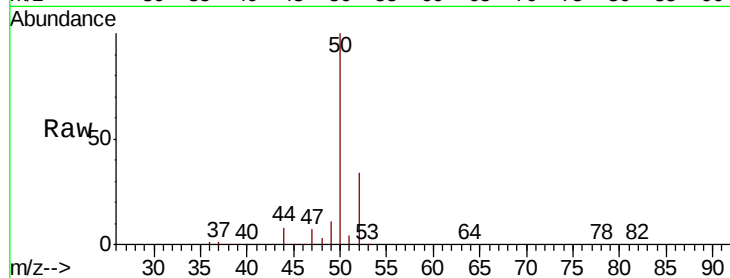
ClientSampled :

Tot Ion: 50 Resp: 156679

Ion Ratio Lower Upper

50 100

52 34.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

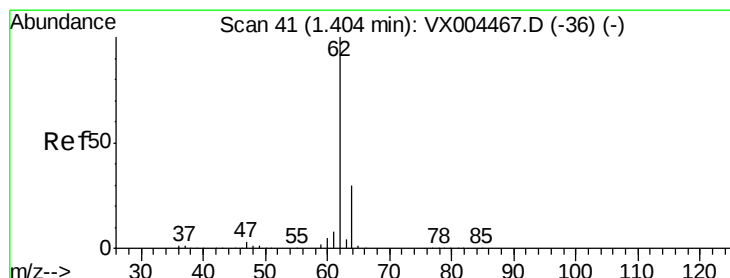
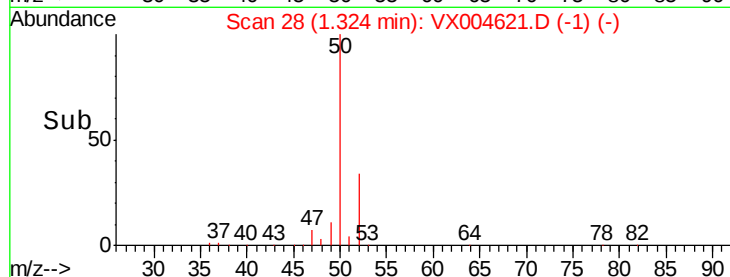
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 47.57 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004621.D

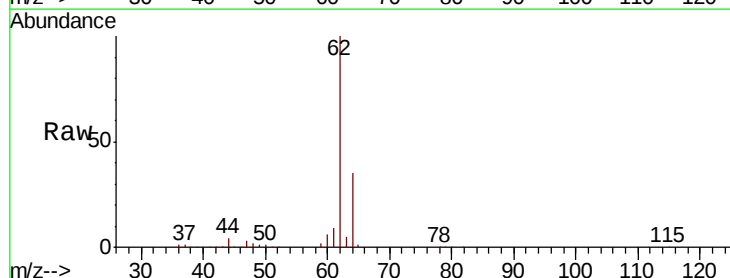
Acq: 17 Sep 2018 15:47

Tgt Ion: 62 Resp: 176909

Ion Ratio Lower Upper

62 100

64 34.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

150000

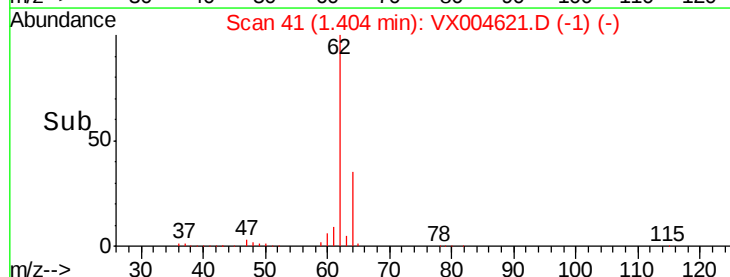
100000

50000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 49.80 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

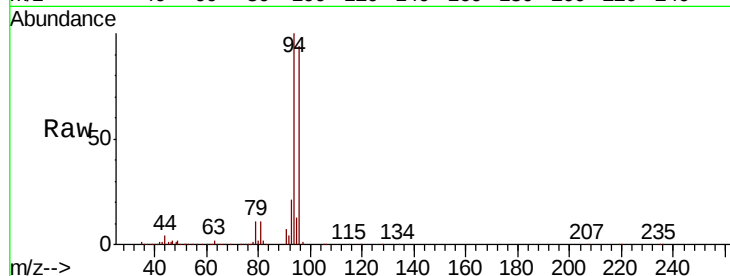
ClientSampleId :

Tot Ion: 94 Resp: 77546

Ion Ratio Lower Upper

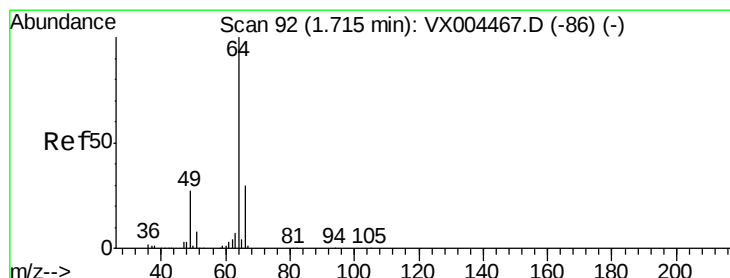
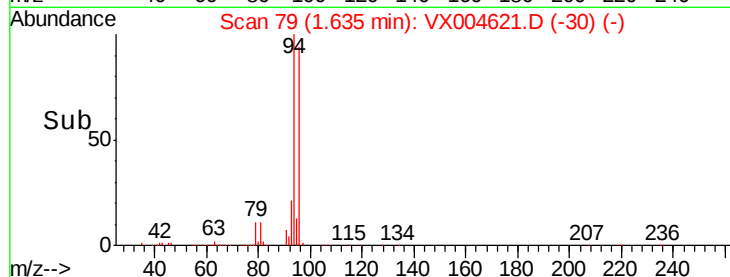
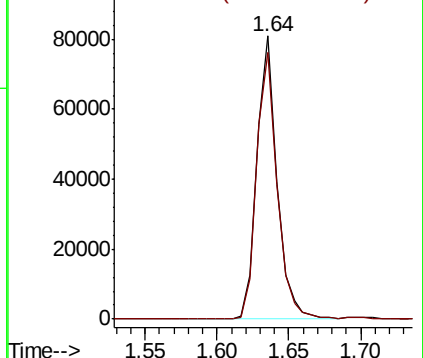
94 100

96 94.1 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: 45.14 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004621.D

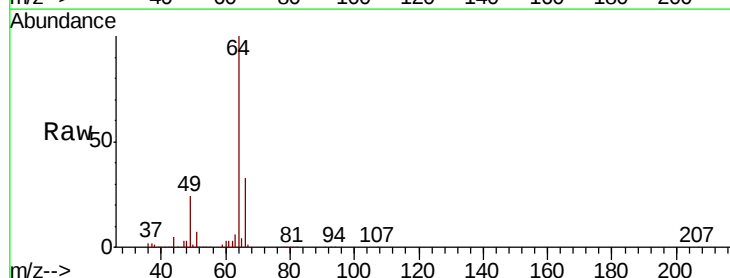
Acq: 17 Sep 2018 15:47

Tgt Ion: 64 Resp: 108562

Ion Ratio Lower Upper

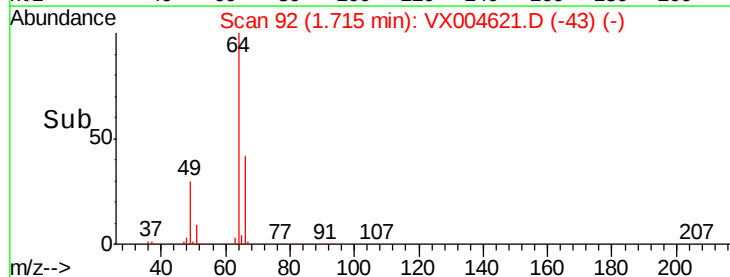
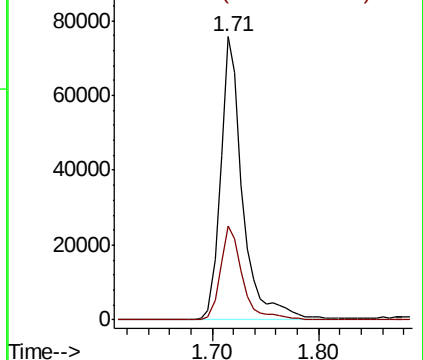
64 100

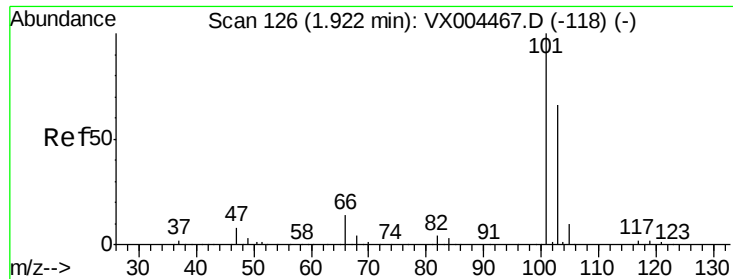
66 33.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



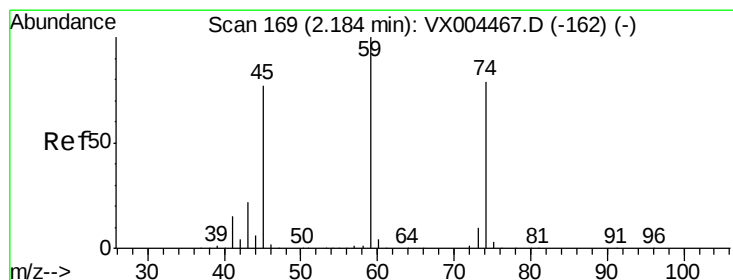
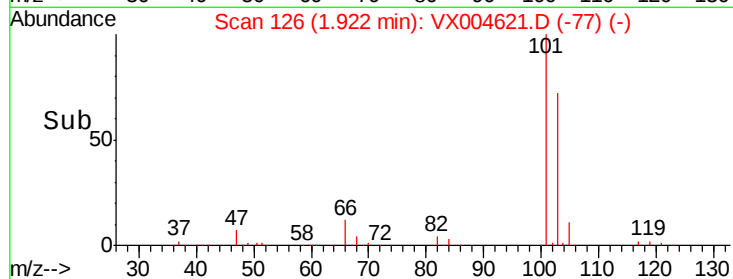
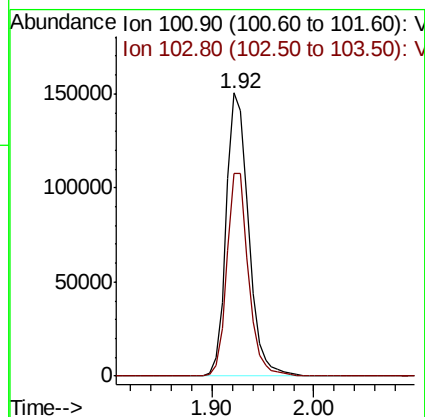
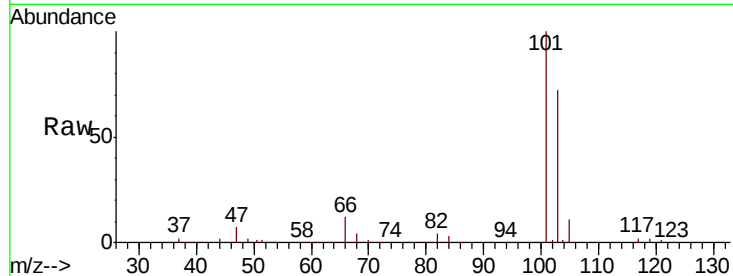


#7

Trichlorofluoromethane
 Concen: 46.33 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :

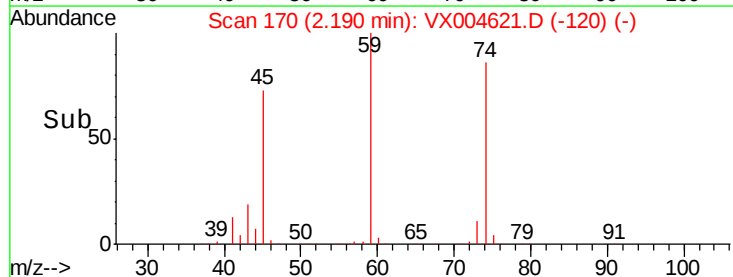
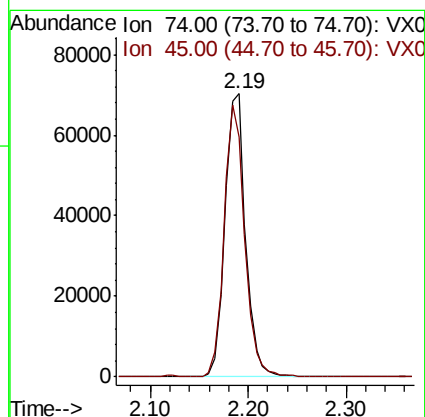
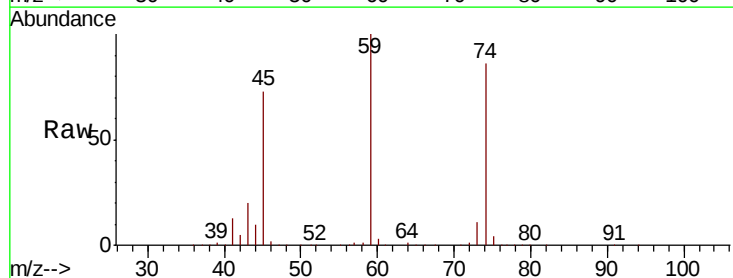
Tot Ion:101 Resp: 228388
 Ion Ratio Lower Upper
 101 100
 103 71.8 48.9 73.3

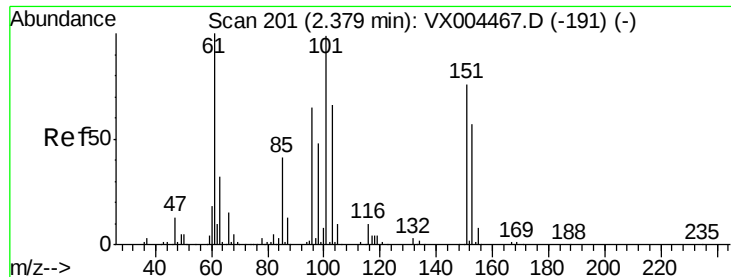


#8

Diethyl Ether
 Concen: 46.64 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion: 74 Resp: 103087
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.25 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

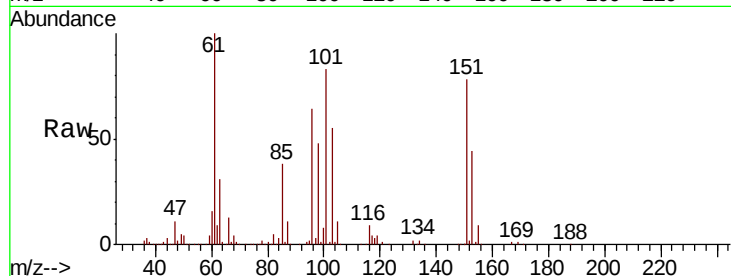
Tot Ion:101 Resp: 144632

Ion Ratio Lower Upper

101 100

85 44.3 34.2 51.4

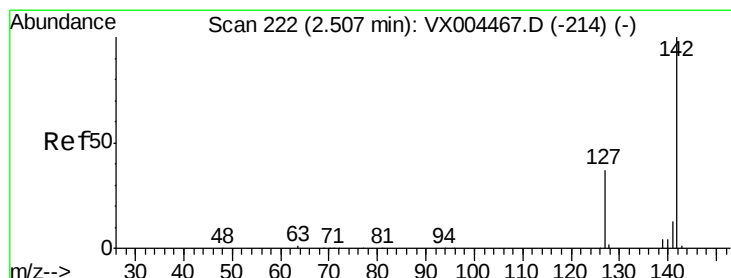
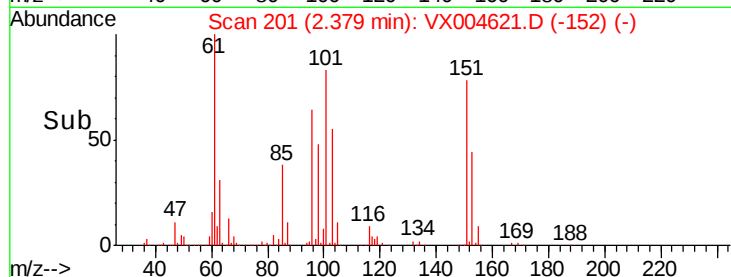
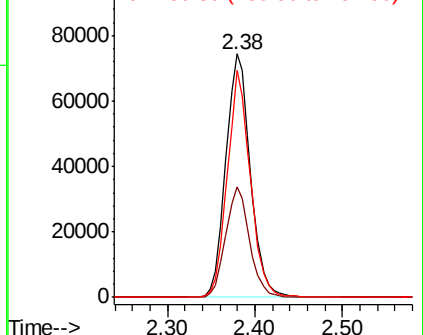
151 87.5 65.0 97.6



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: 40.92 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

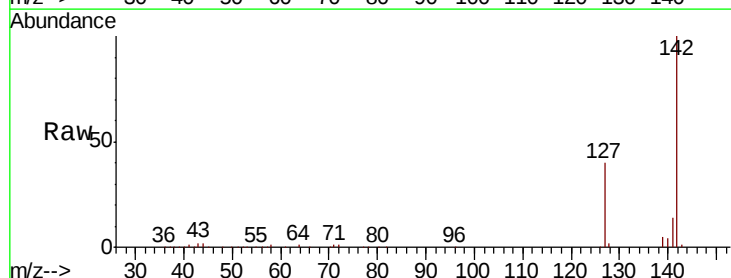
Tgt Ion:142 Resp: 149824

Ion Ratio Lower Upper

142 100

127 40.6 33.8 50.6

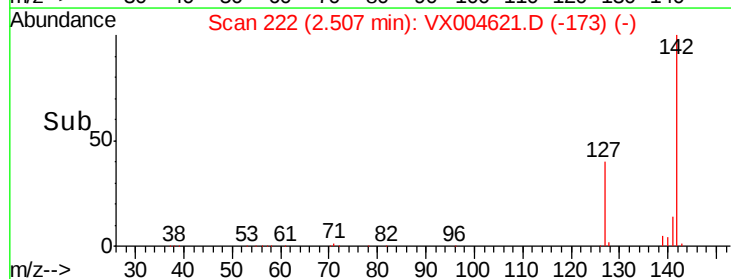
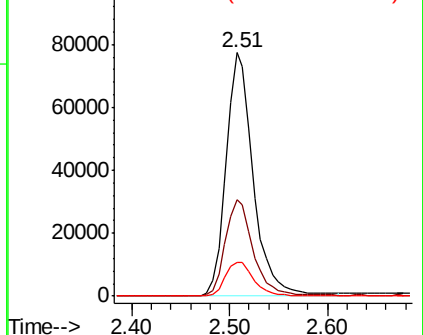
141 15.0 11.4 17.0

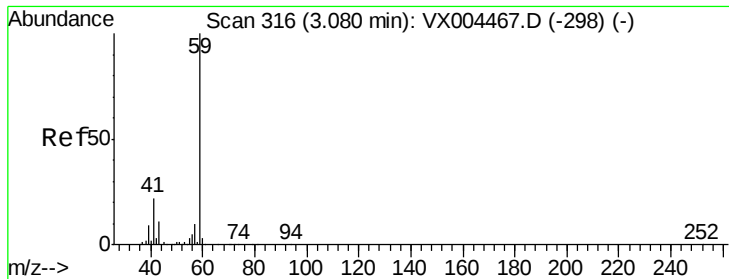


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



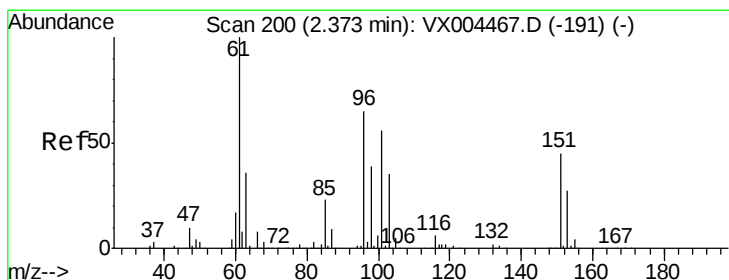
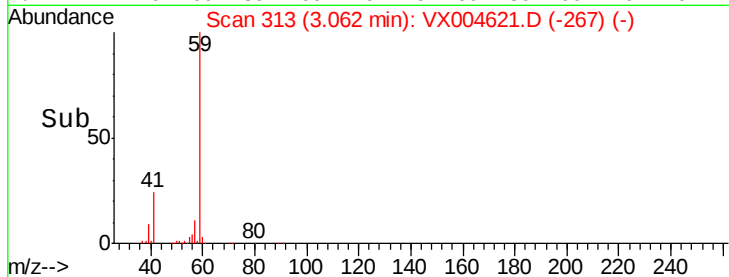
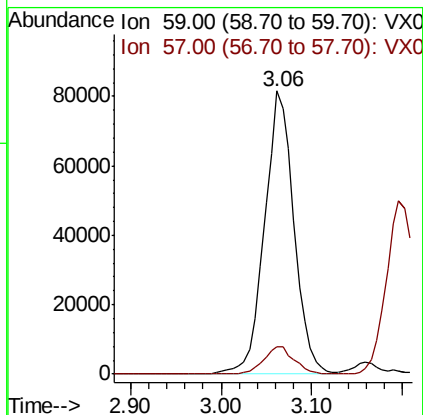
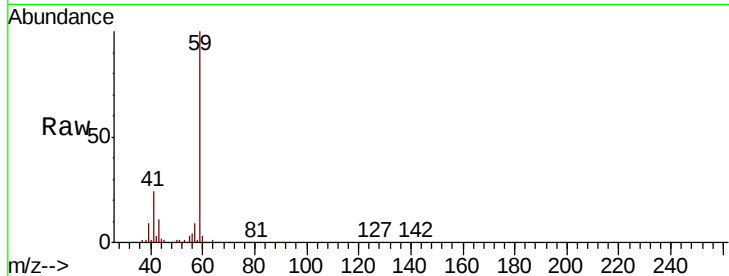


#11

Tert butyl alcohol
Concen: 211.57 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :

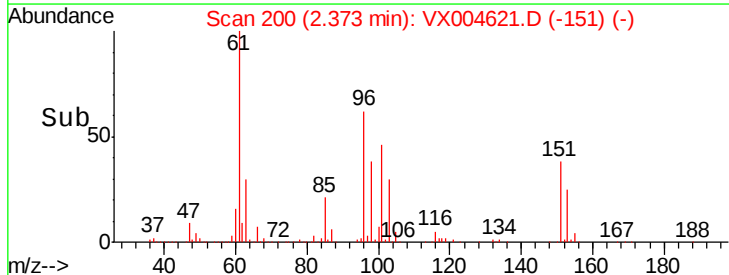
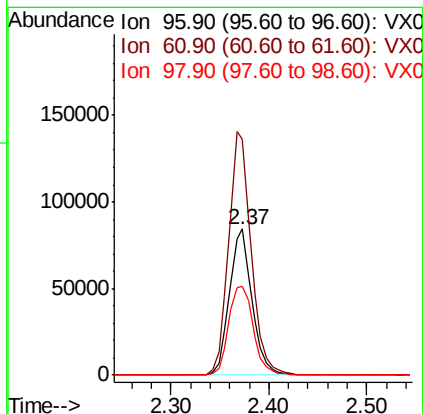
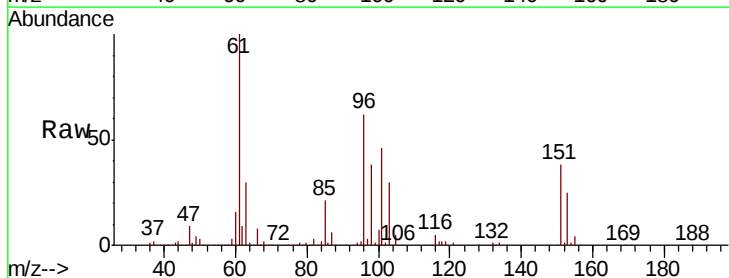
Tot Ion: 59 Resp: 182861
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

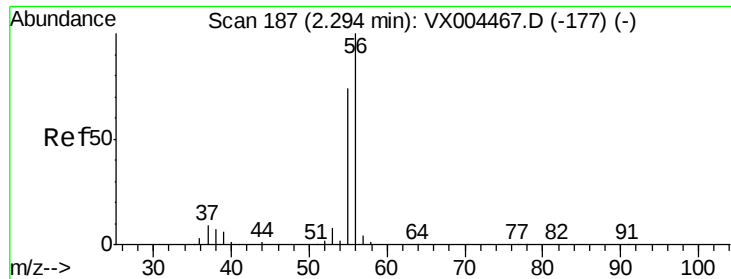


#12

1,1-Dichloroethene
Concen: 46.09 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion: 96 Resp: 135296
Ion Ratio Lower Upper
96 100
61 161.5 128.8 193.2
98 61.0 52.2 78.2

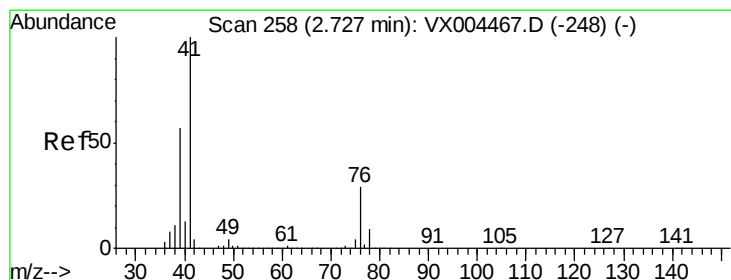
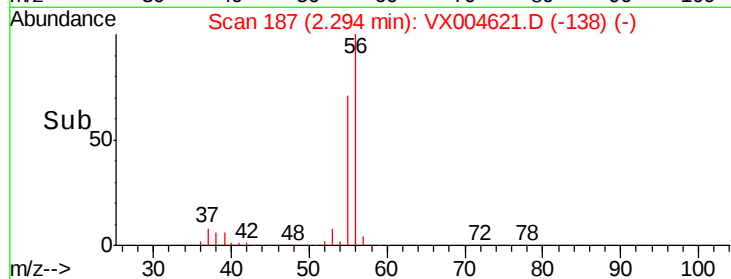
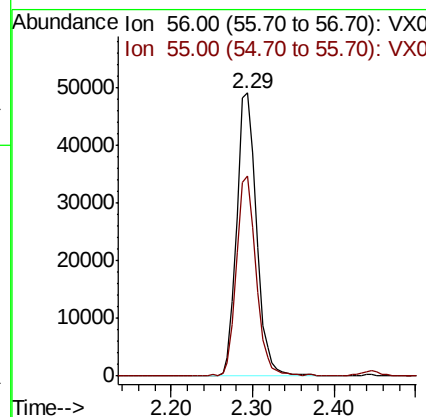
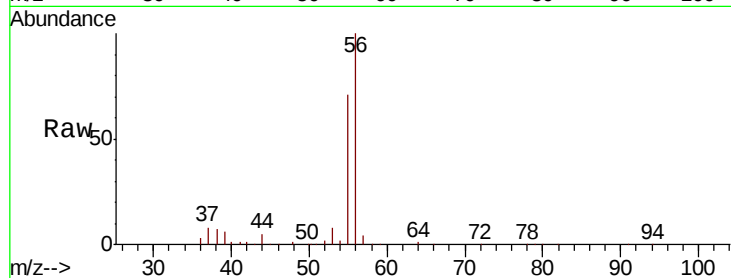




#13
Acrolein
Concen: 240.21 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

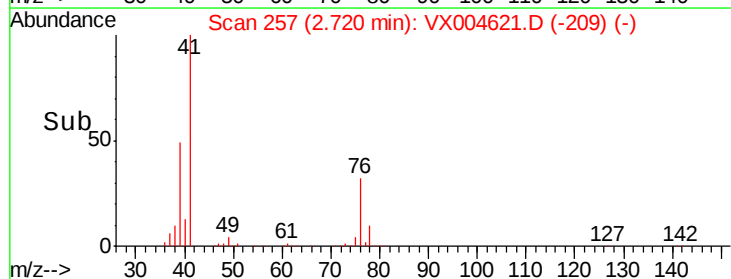
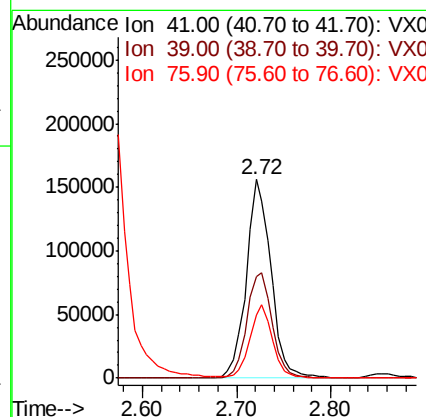
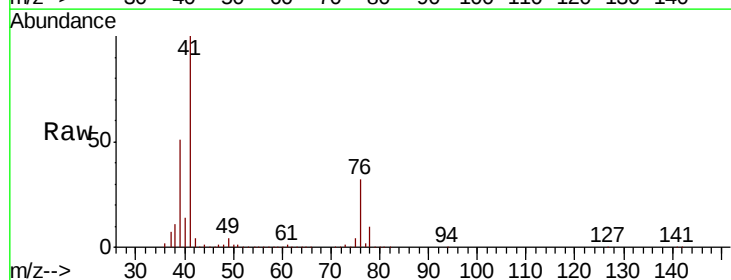
Instrument :
MSVOA_X
ClientSampled :

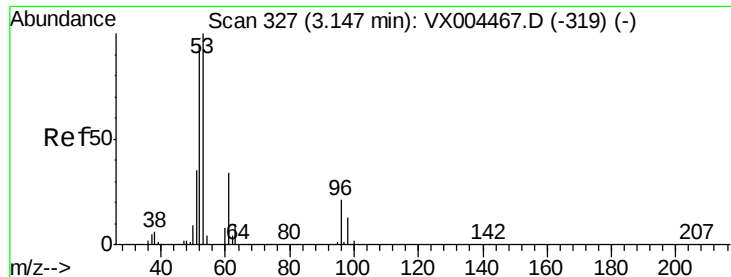
Tot Ion: 56 Resp: 81953
Ion Ratio Lower Upper
56 100
55 69.9 54.7 82.1



#14
Allyl chloride
Concen: 47.21 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion: 41 Resp: 284898
Ion Ratio Lower Upper
41 100
39 54.4 48.9 73.3
76 34.1 26.7 40.1

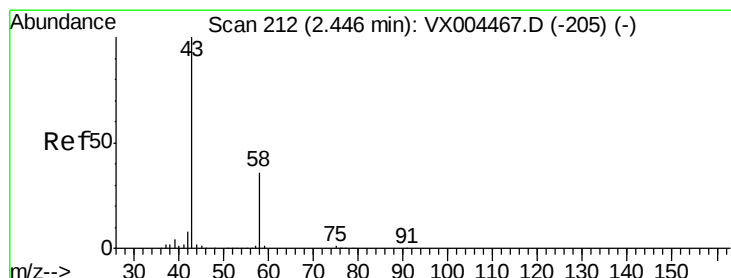
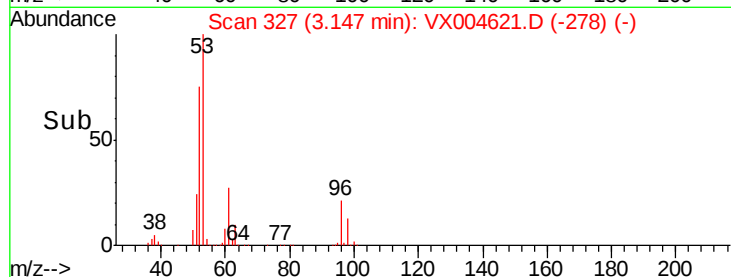
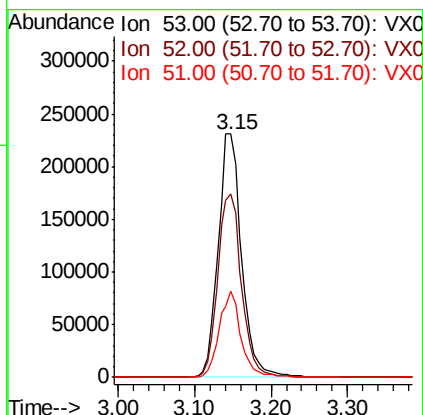
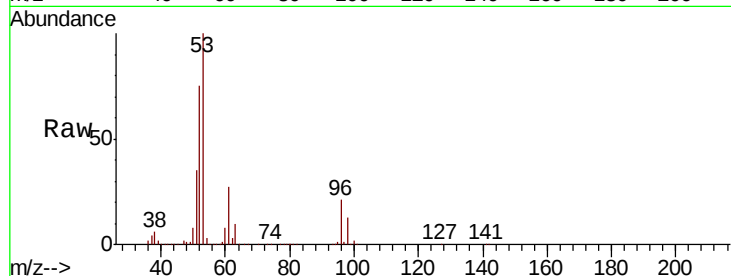




#15
 Acrylonitrile
 Concen: 234.22 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

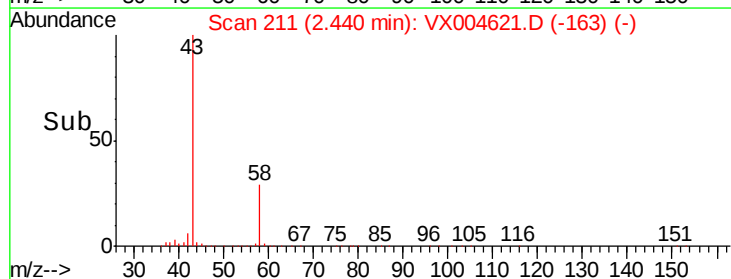
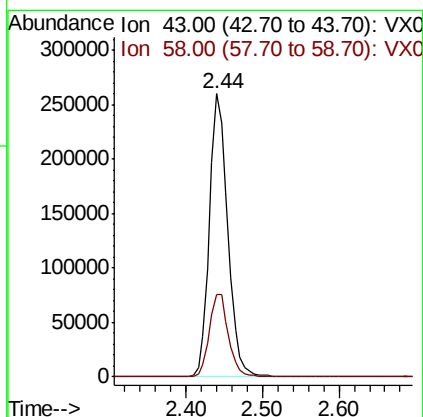
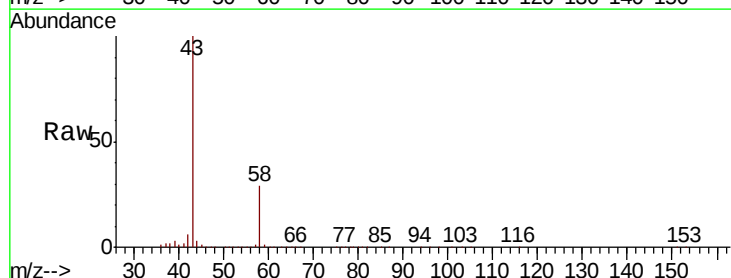
Instrument :
 MSVOA_X
 ClientSampleId :

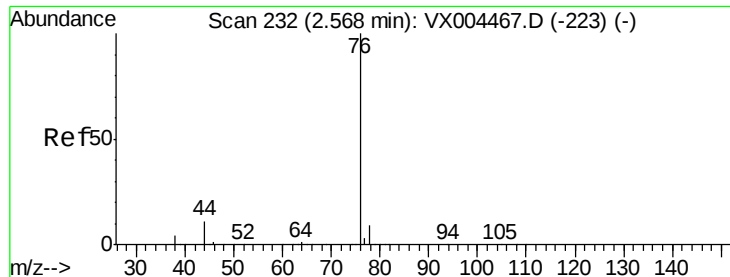
Tot Ion: 53 Resp: 487476
 Ion Ratio Lower Upper
 53 100
 52 76.6 65.2 97.8
 51 33.2 28.2 42.2



#16
 Acetone
 Concen: 244.25 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion: 43 Resp: 431805
 Ion Ratio Lower Upper
 43 100
 58 29.0 26.2 39.4

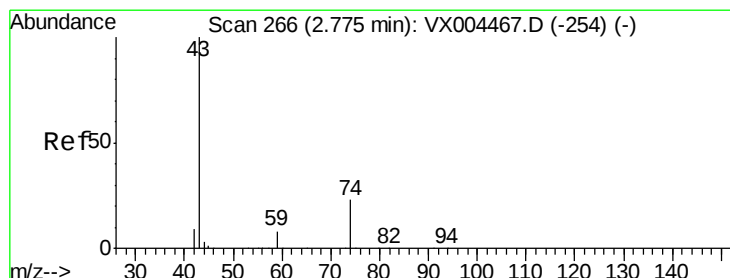
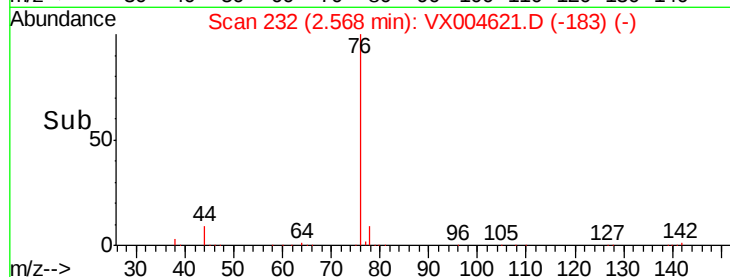
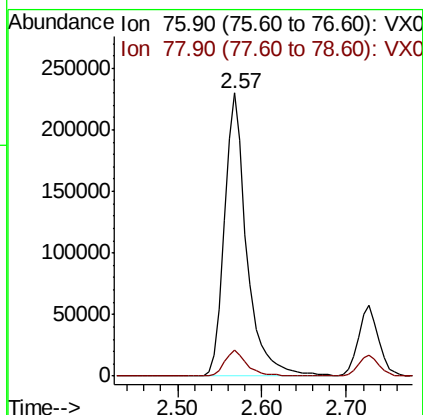
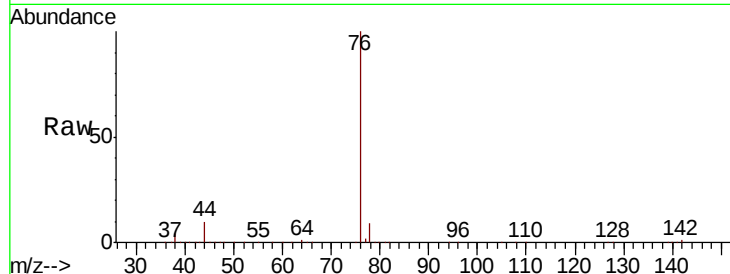




#17
Carbon Disulfide
Concen: 49.30 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

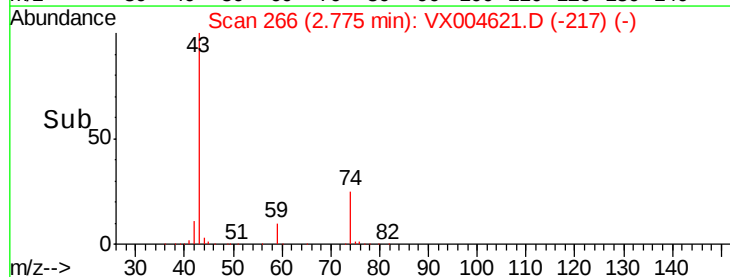
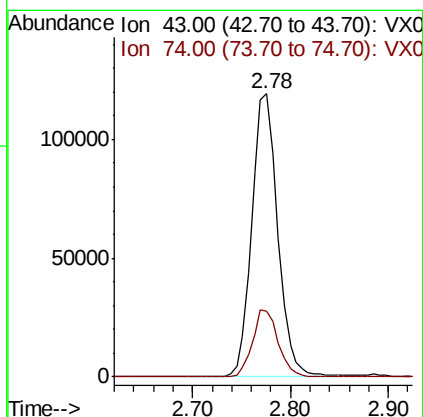
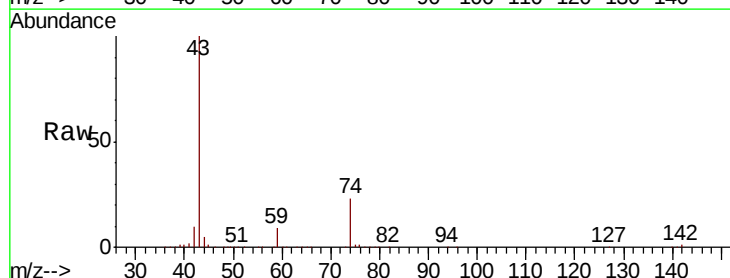
Instrument :
MSVOA_X
ClientSampled :

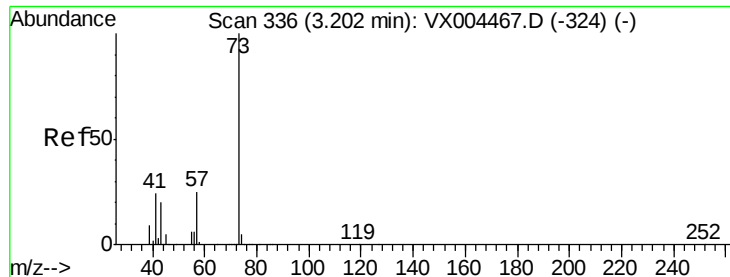
Tot Ion: 76 Resp: 418291
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 44.02 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion: 43 Resp: 218322
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2



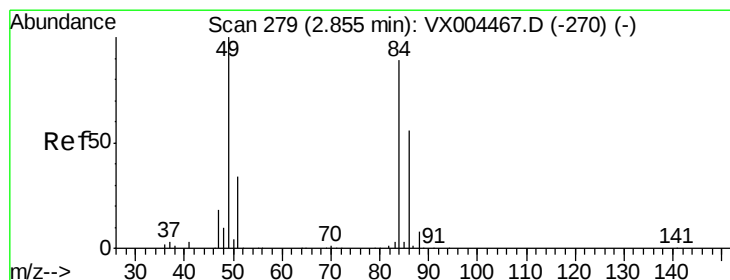
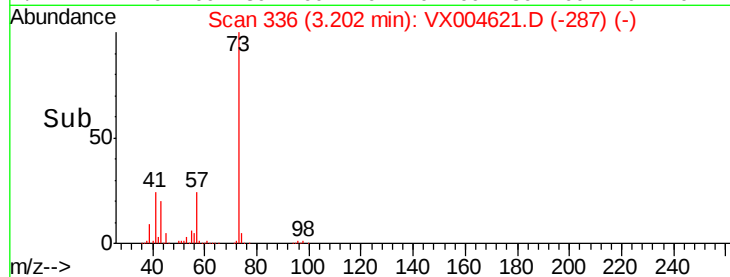
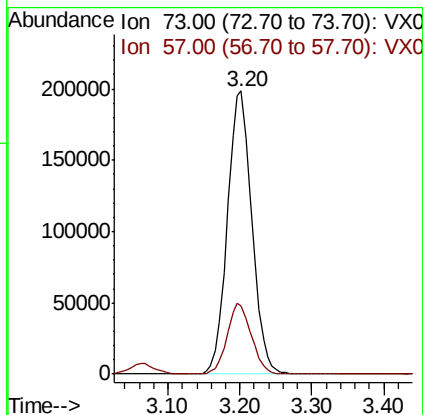
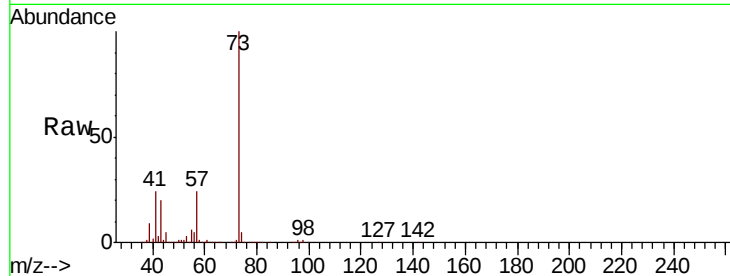


#19

Methyl tert-butyl Ether
 Concen: 45.56 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Instrument :
 MSVOA_X
 ClientSampled :

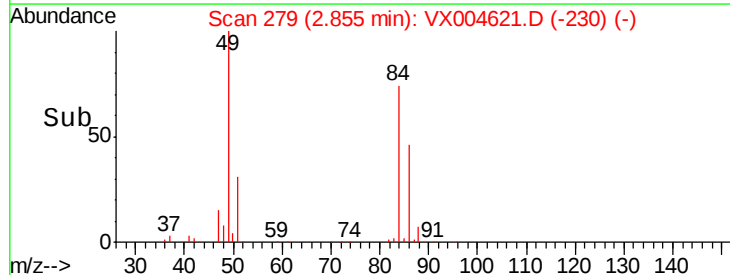
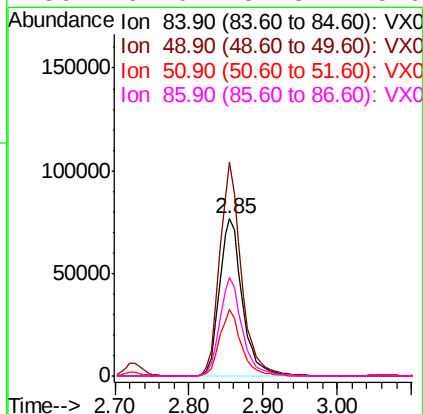
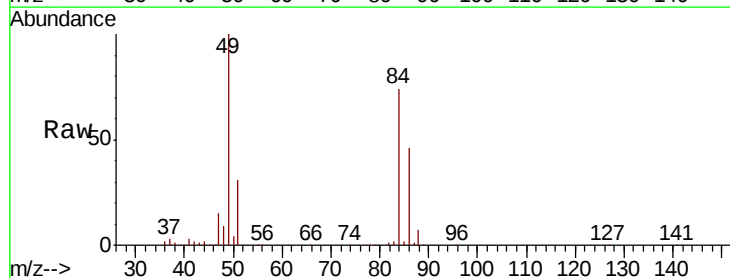
Tot Ion: 73 Resp: 469219
 Ion Ratio Lower Upper
 73 100
 57 24.0 17.1 25.7



#20

Methylene Chloride
 Concen: 44.70 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion: 84 Resp: 162126
 Ion Ratio Lower Upper
 84 100
 49 136.0 101.2 151.8
 51 42.1 29.5 44.3
 86 62.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 50.81 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

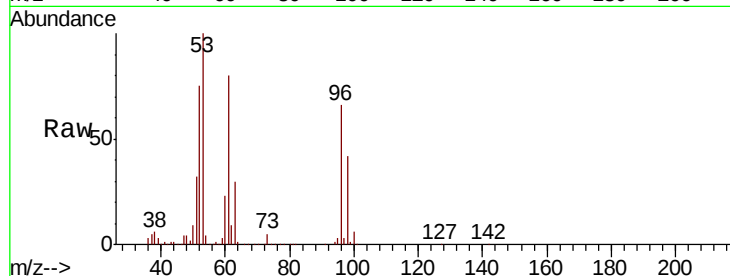
Tot Ion: 96 Resp: 164814

Ion Ratio Lower Upper

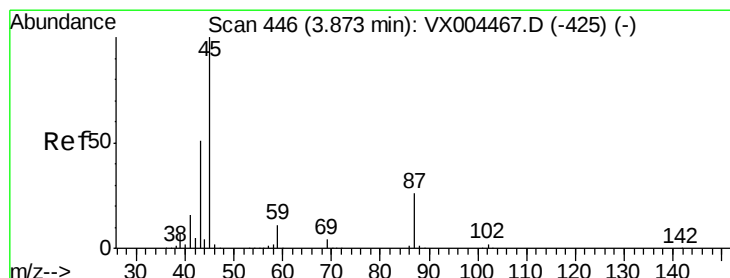
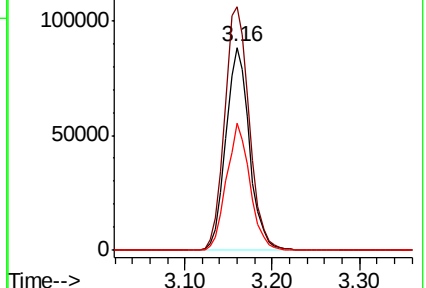
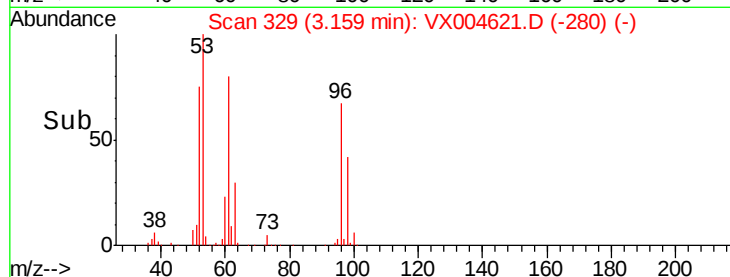
96 100

61 120.1 113.8 170.6

98 62.6 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: 49.12 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Tgt Ion: 45 Resp: 533900

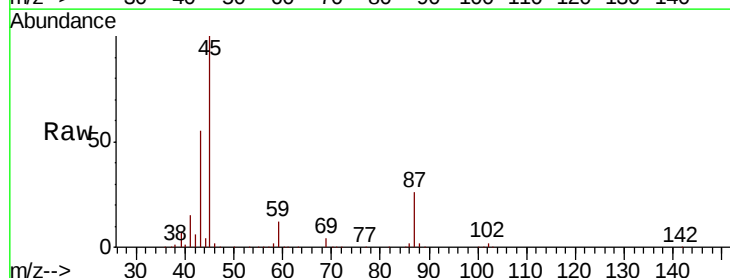
Ion Ratio Lower Upper

45 100

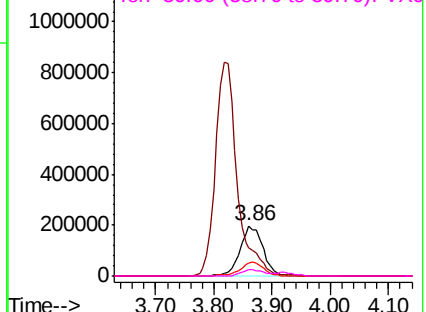
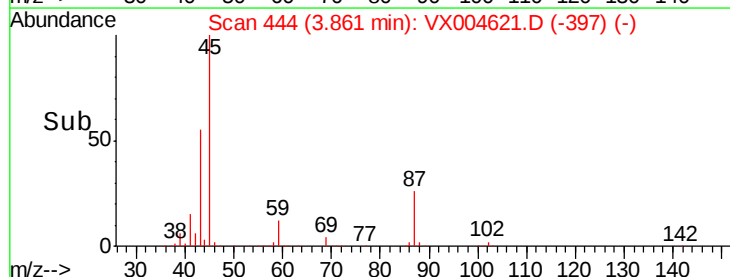
43 55.1 42.8 64.2

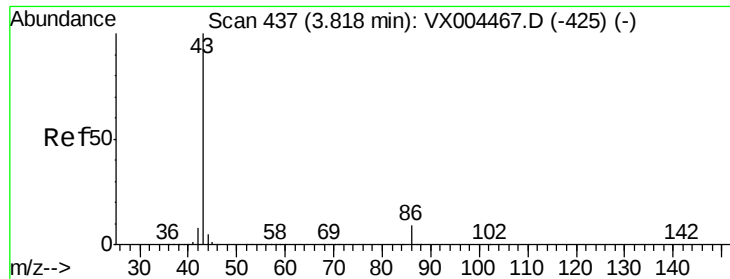
87 25.7 22.6 34.0

59 11.9 9.6 14.4



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





#23

Vinyl Acetate

Concen: 248.11 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

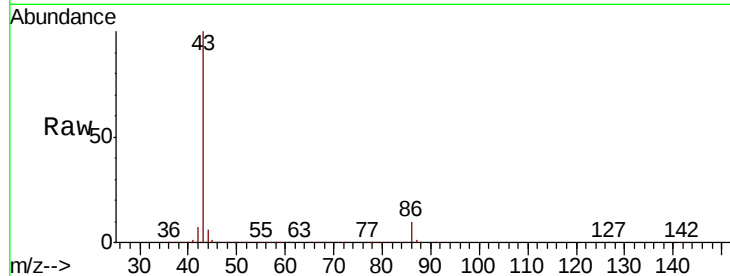
ClientSampleId :

Tot Ion: 43 Resp: 2182192

Ion Ratio Lower Upper

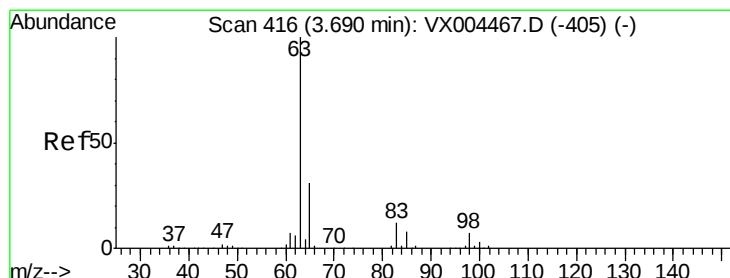
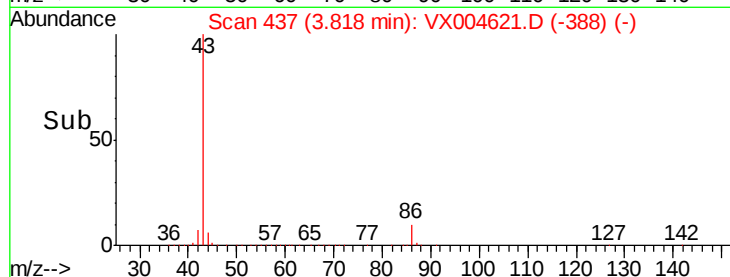
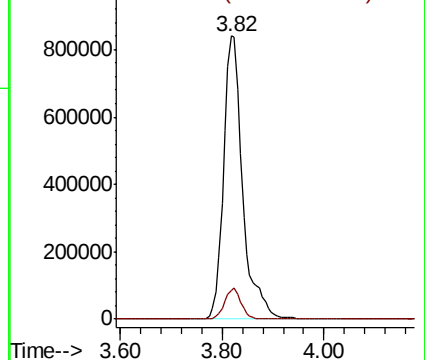
43 100

86 10.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.75 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

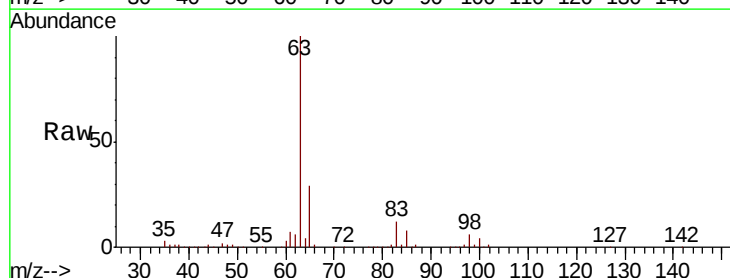
Tgt Ion: 63 Resp: 305244

Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.4

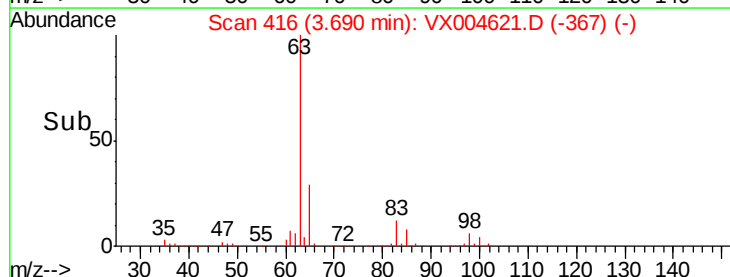
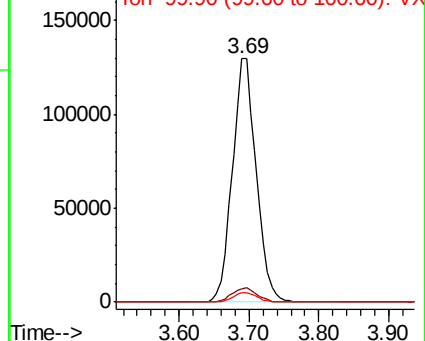
100 3.9 2.4 7.1

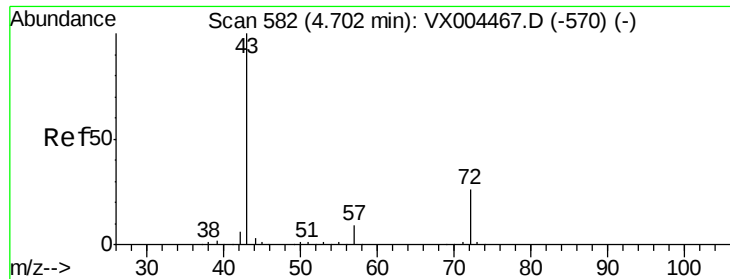


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 208.35 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

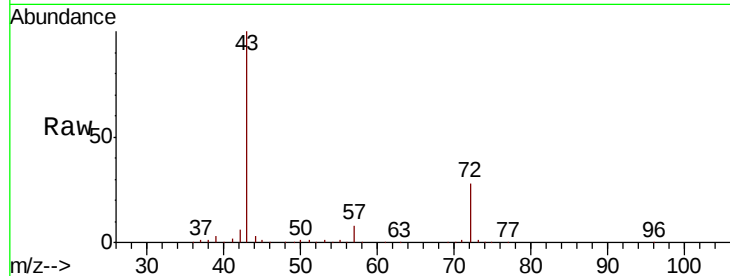
ClientSampleId :

Tot Ion: 43 Resp: 586223

Ion Ratio Lower Upper

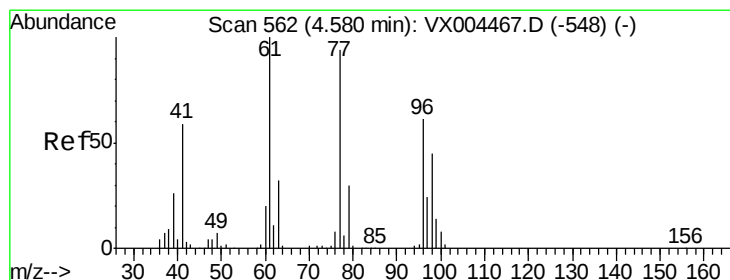
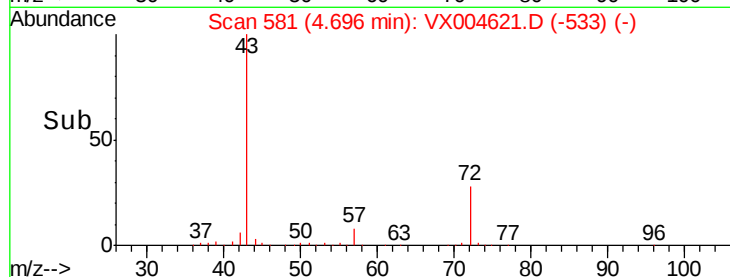
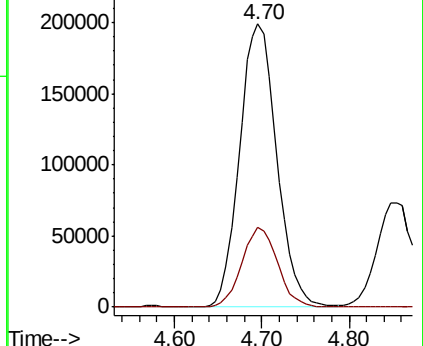
43 100

72 28.1 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: 54.92 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004621.D

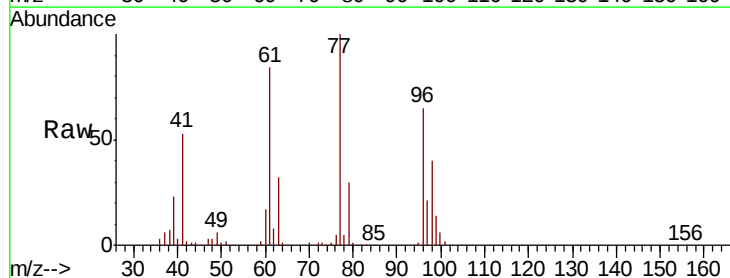
Acq: 17 Sep 2018 15:47

Tgt Ion: 77 Resp: 231470

Ion Ratio Lower Upper

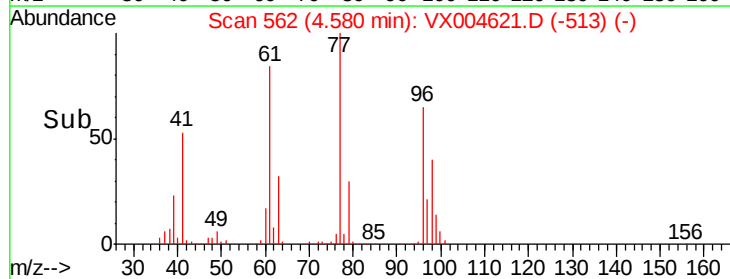
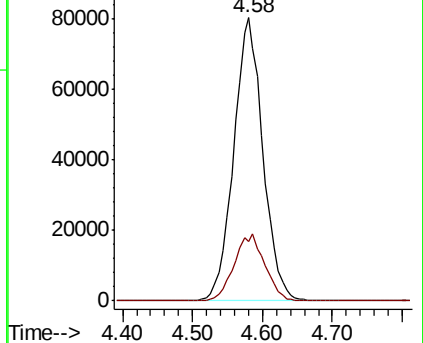
77 100

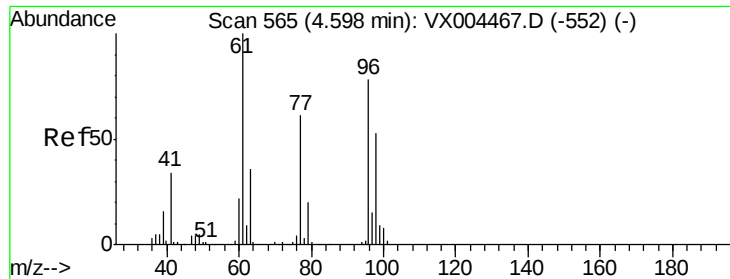
97 24.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



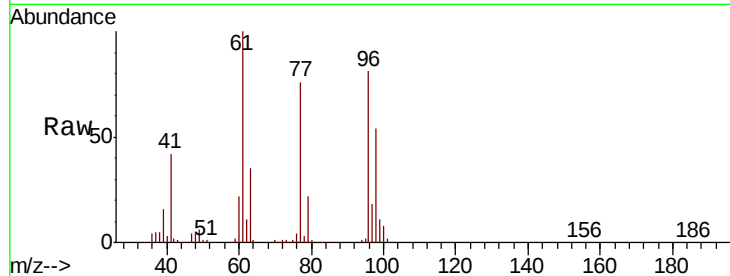


#27

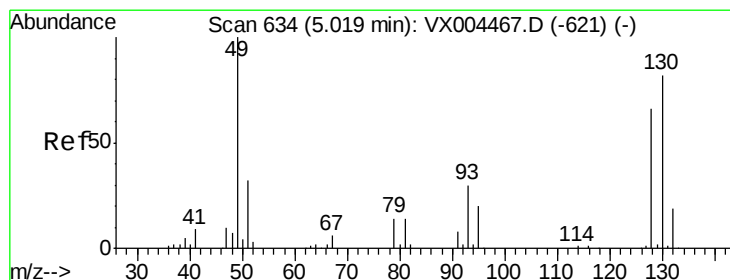
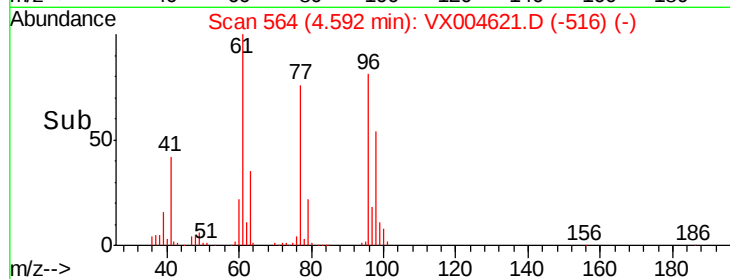
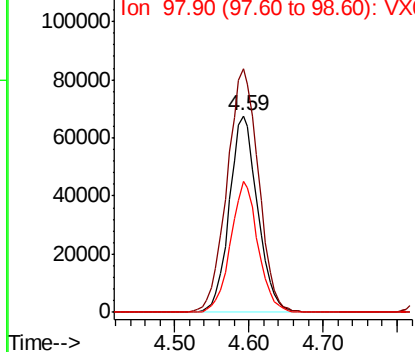
cis-1,2-Dichloroethene
 Concen: 49.61 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	282.6
98	64.5	0.0	130.2



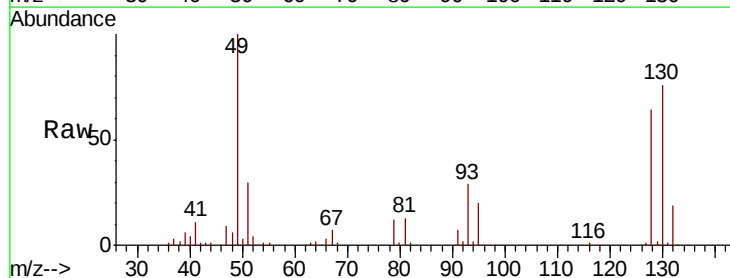
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



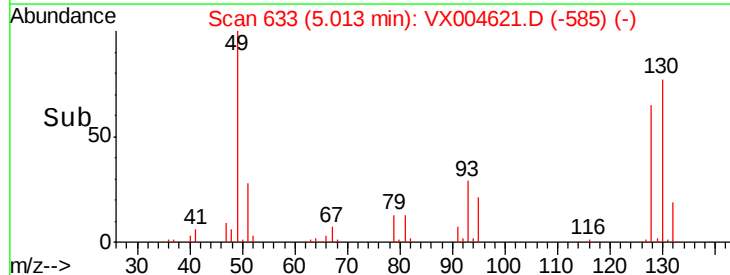
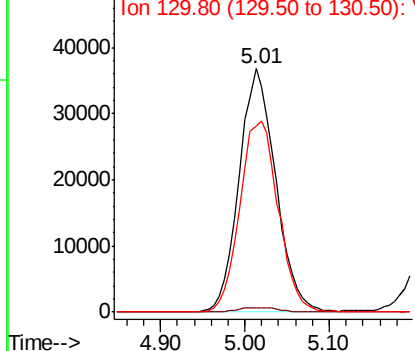
#28

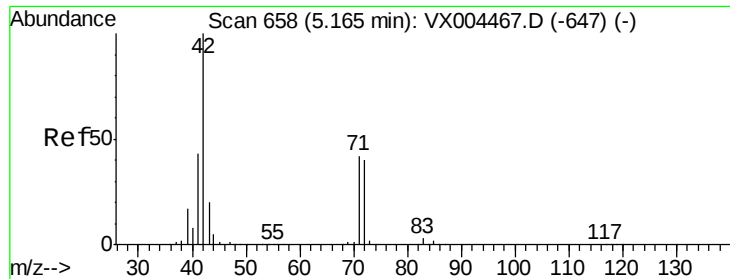
Bromochloromethane
 Concen: 38.53 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	82.5	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

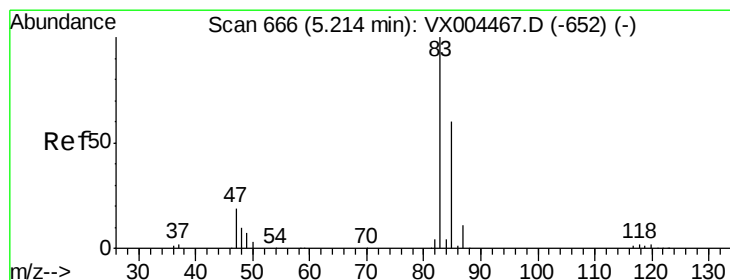
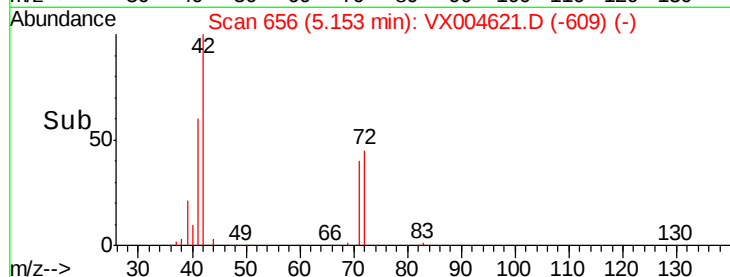
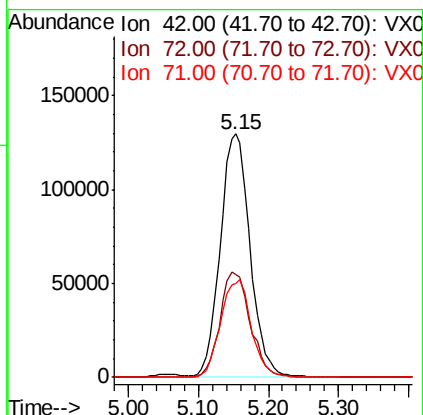
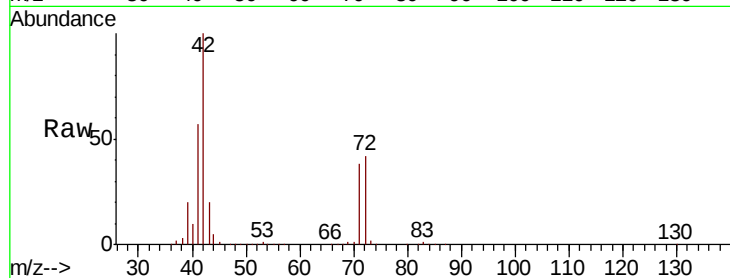




#29
Tetrahydrofuran
Concen: 225.22 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

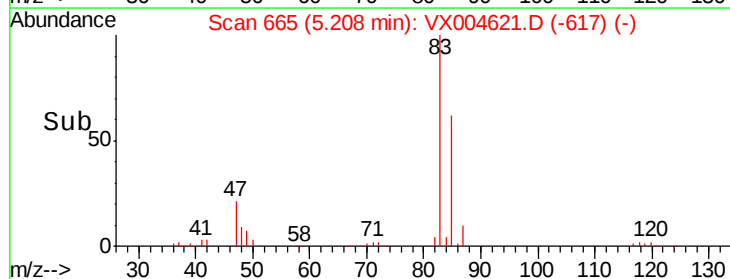
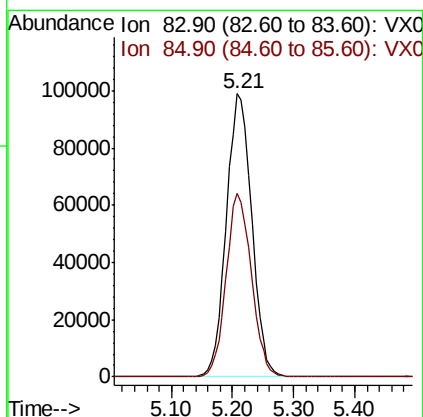
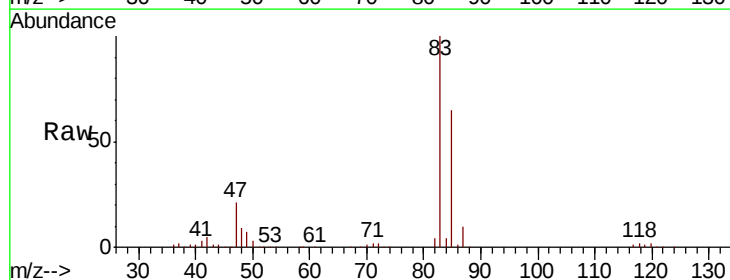
Instrument :
MSVOA_X
ClientSampleId :

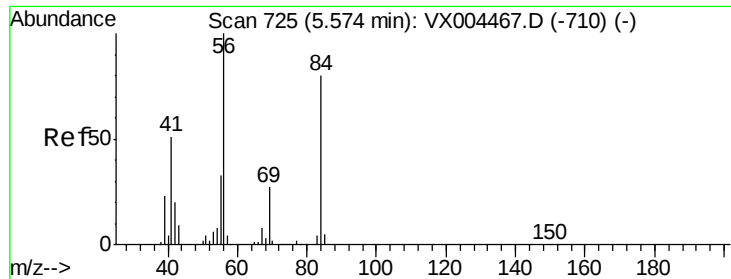
Tot Ion: 42 Resp: 382141
Ion Ratio Lower Upper
42 100
72 44.2 37.4 56.0
71 41.4 34.5 51.7



#30
Chloroform
Concen: 47.19 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion: 83 Resp: 282693
Ion Ratio Lower Upper
83 100
85 64.8 52.6 79.0

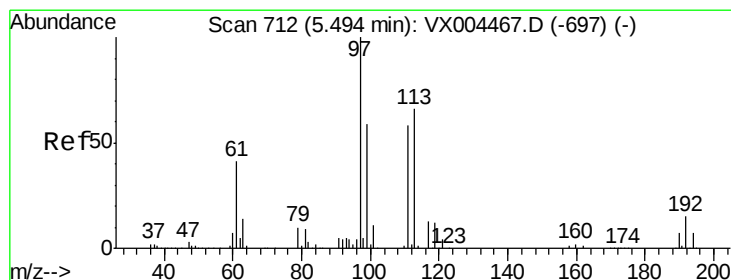
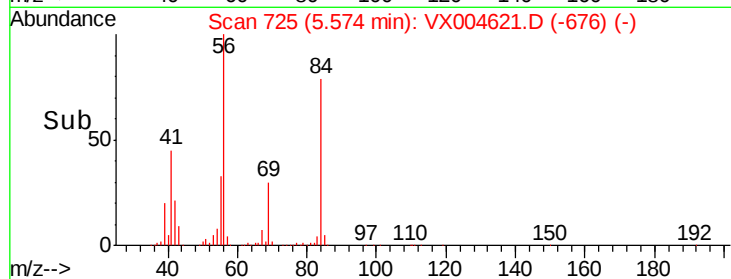
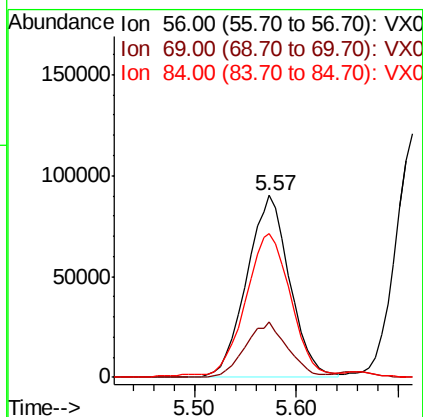
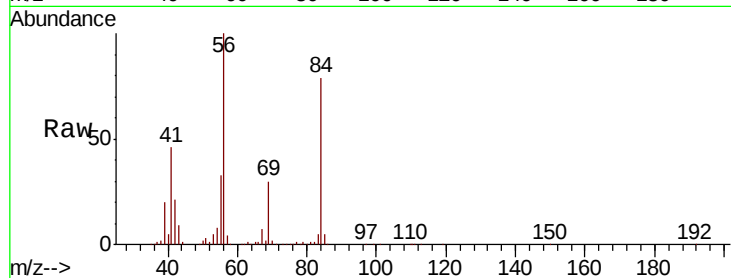




#31
Cyclohexane
Concen: 50.28 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

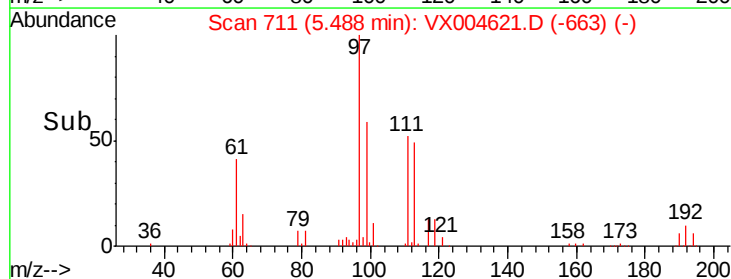
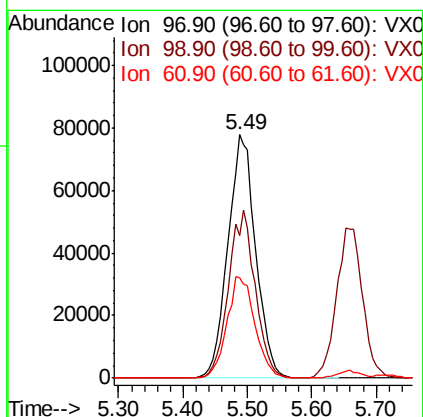
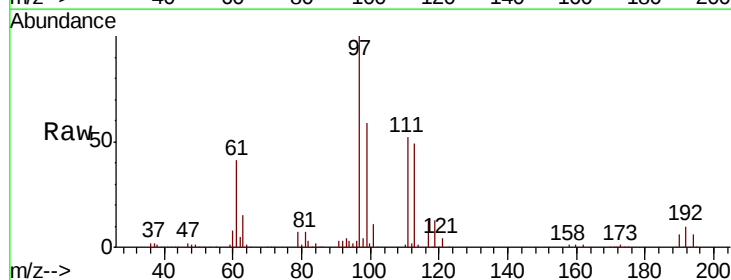
Instrument :
MSVOA_X
ClientSampleId :

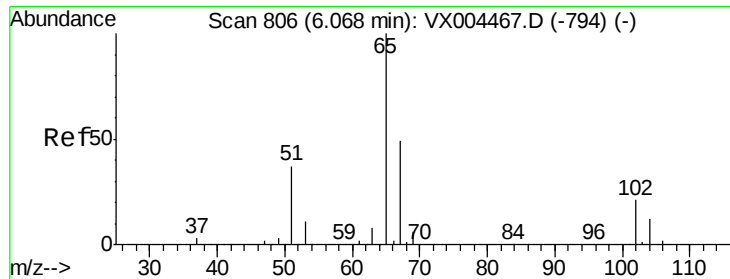
Tot Ion: 56 Resp: 263439
Ion Ratio Lower Upper
56 100
69 30.4 25.4 38.2
84 77.4 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 48.60 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion: 97 Resp: 234477
Ion Ratio Lower Upper
97 100
99 66.5 52.0 78.0
61 42.1 34.9 52.3

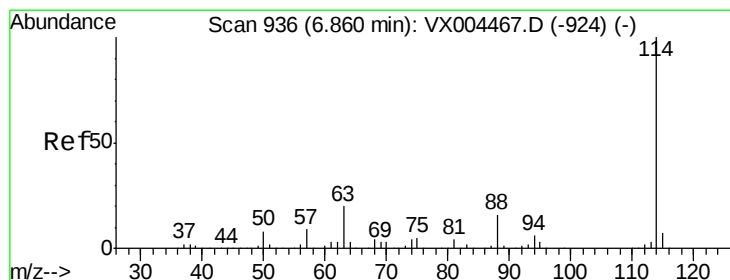
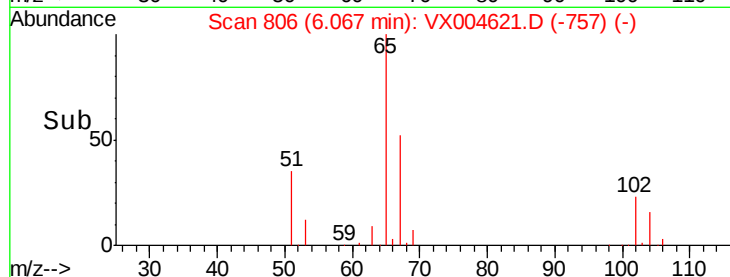
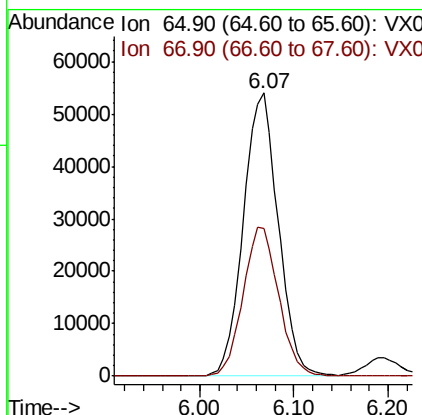
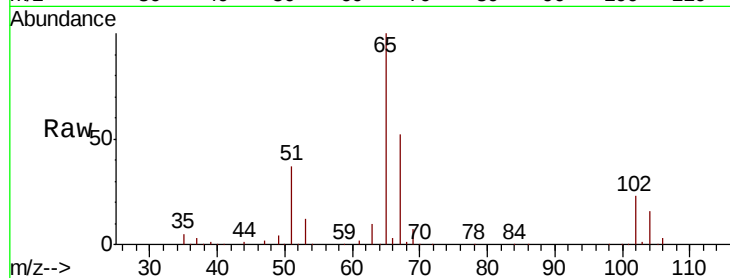




#33
 1,2-Dichloroethane-d4
 Concen: 38.70 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

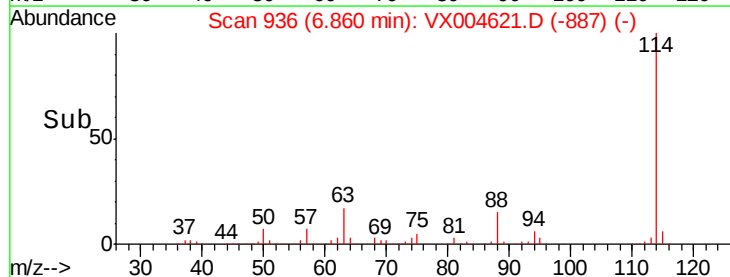
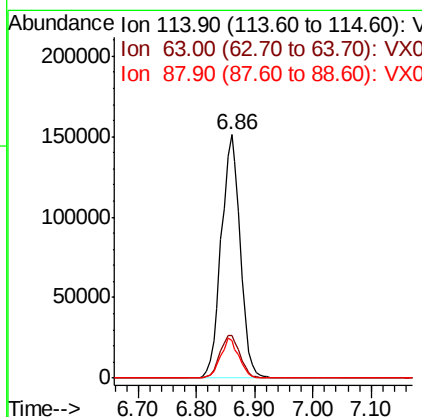
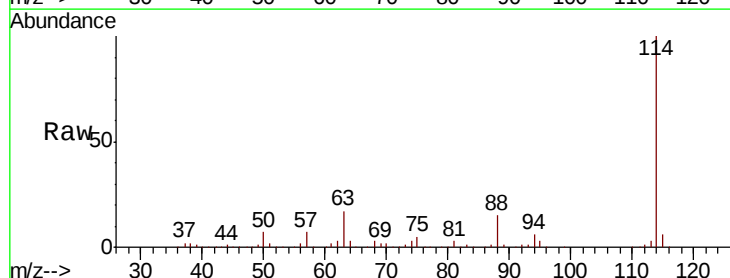
Instrument :
 MSVOA_X
 ClientSampleId :

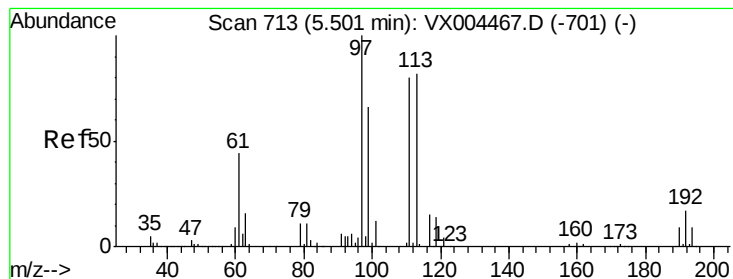
Tot Ion: 65 Resp: 140178
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion: 114 Resp: 341126
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 39.0
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 40.80 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

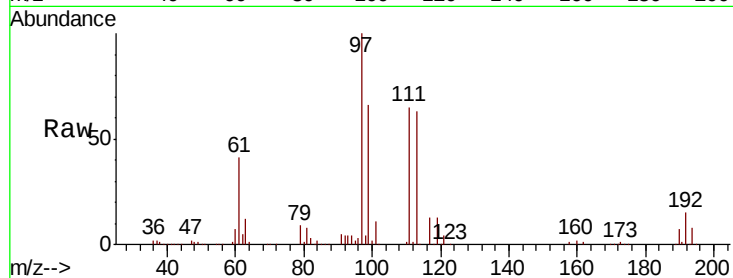
Tot Ion:113 Resp: 127375

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

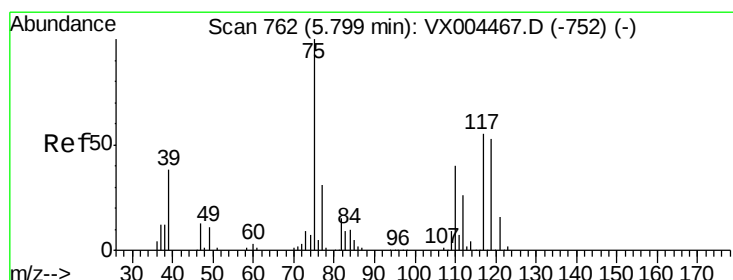
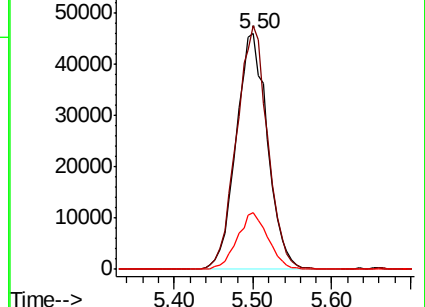
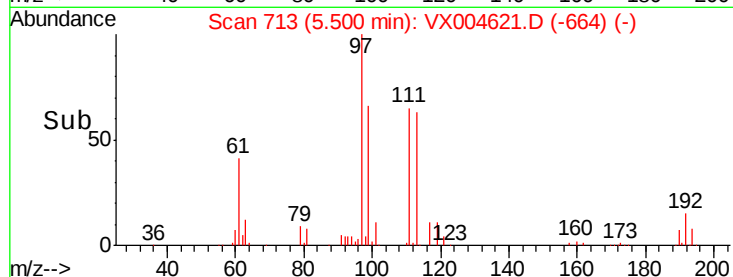
192 23.5 19.4 29.2



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: 53.22 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

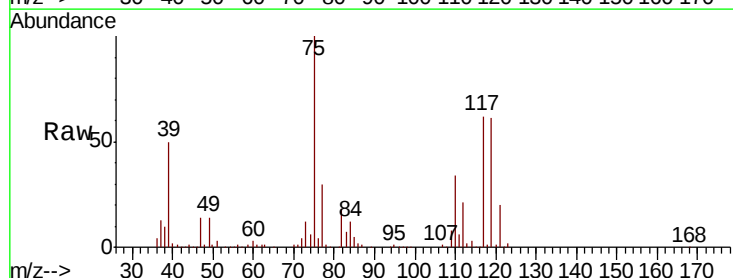
Tgt Ion: 75 Resp: 220397

Ion Ratio Lower Upper

75 100

110 36.9 18.0 54.0

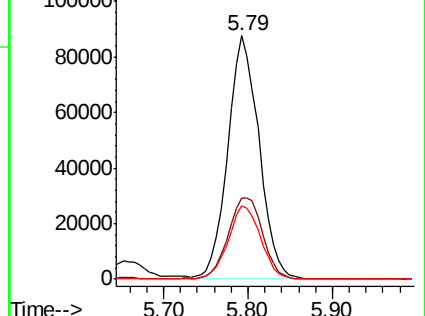
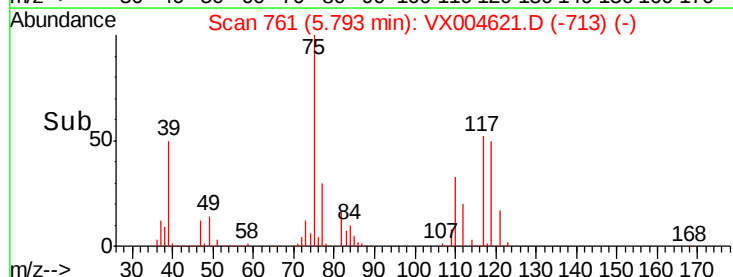
77 31.8 24.6 36.8

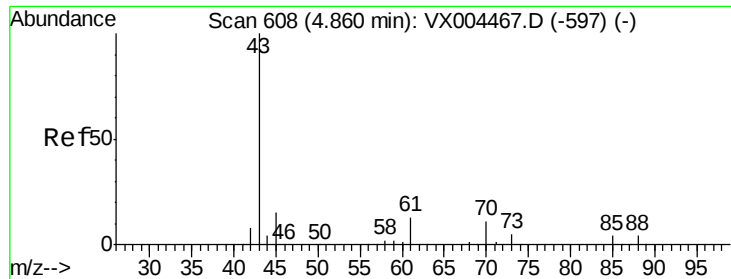


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

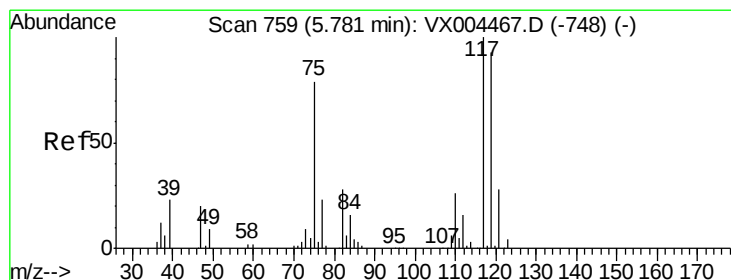
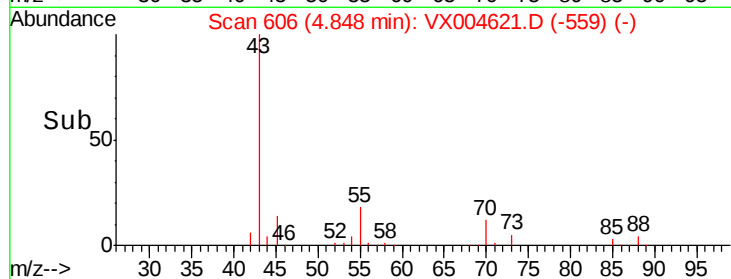
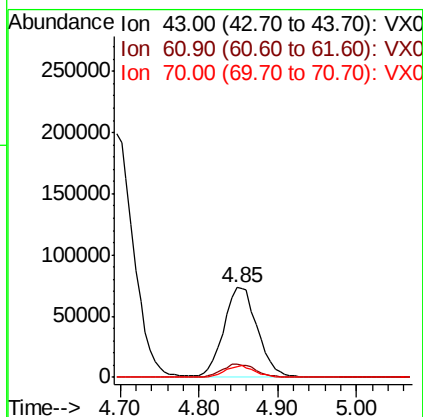
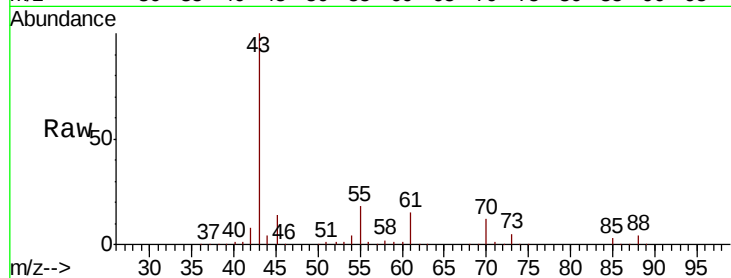




#37
Ethyl Acetate
Concen: 46.31 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

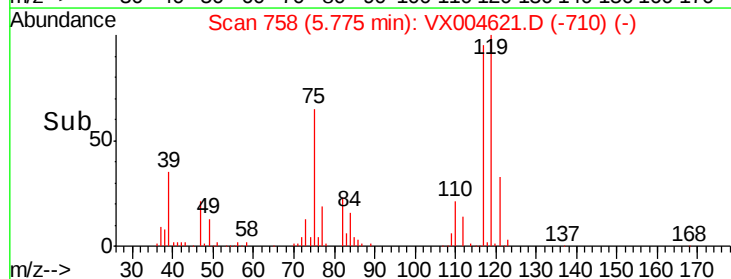
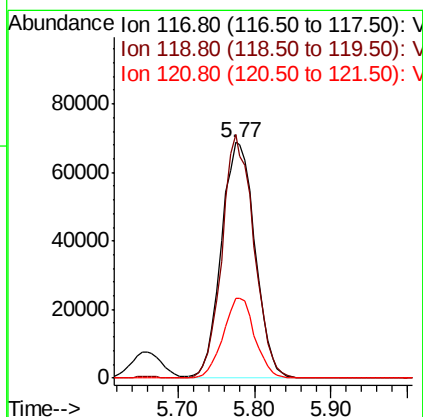
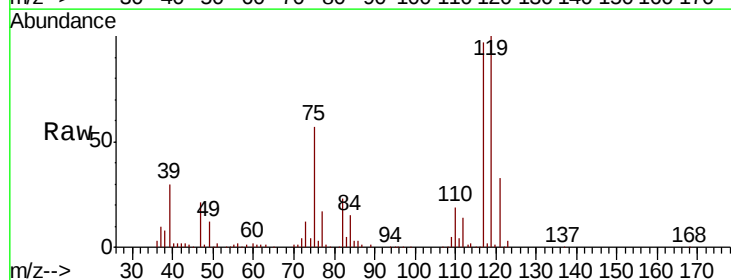
Instrument :
MSVOA_X
ClientSampled :

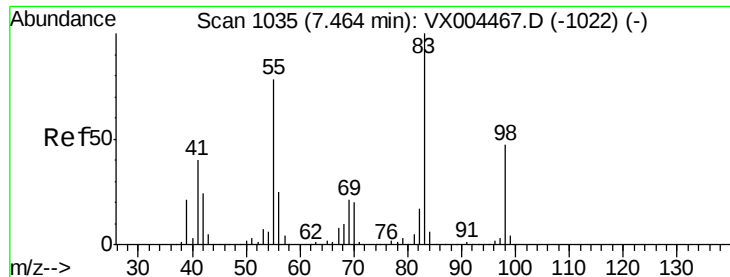
Tot Ion: 43 Resp: 218116
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 51.75 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion: 117 Resp: 209349
Ion Ratio Lower Upper
117 100
119 103.2 78.8 118.2
121 33.7 24.9 37.3

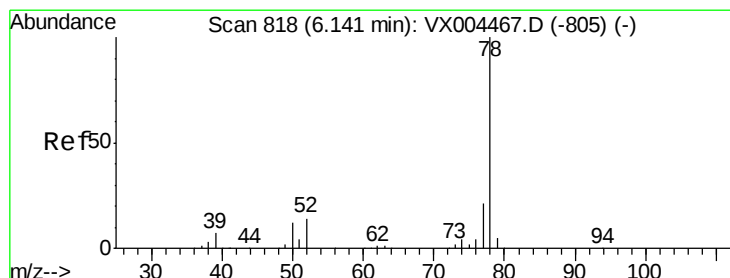
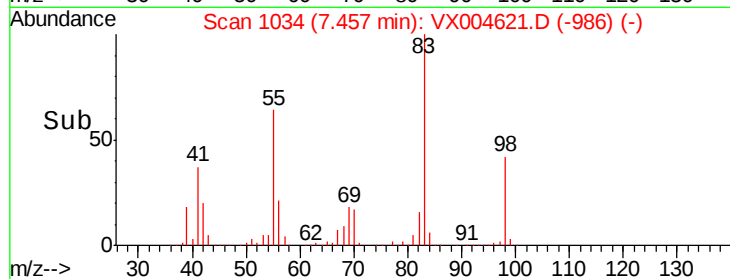
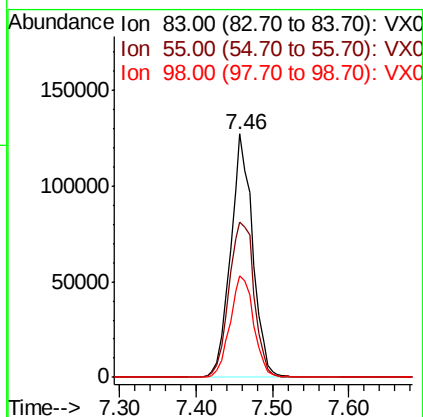
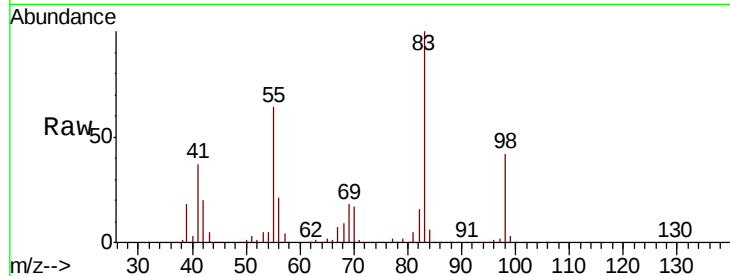




#39
Methvlcvclohexane
Concen: 58.71 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

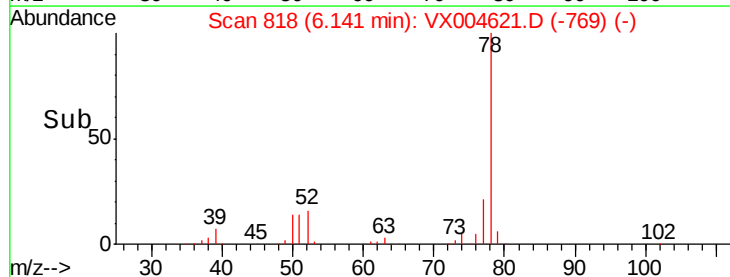
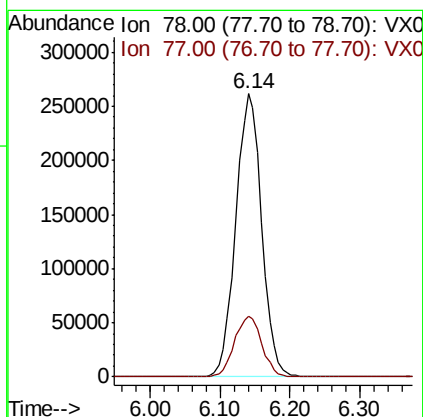
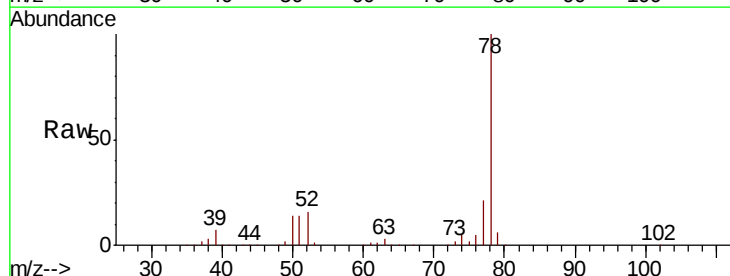
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 253721
Ion Ratio Lower Upper
83 100
55 63.7 61.0 91.4
98 41.6 39.6 59.4



#40
Benzene
Concen: 54.61 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion: 78 Resp: 671032
Ion Ratio Lower Upper
78 100
77 21.4 19.0 28.4

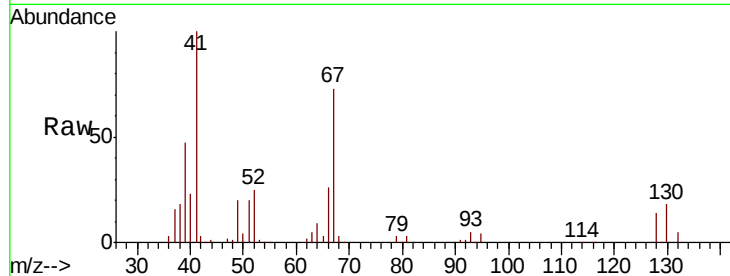




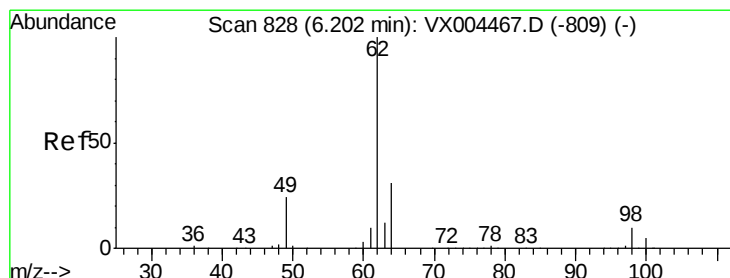
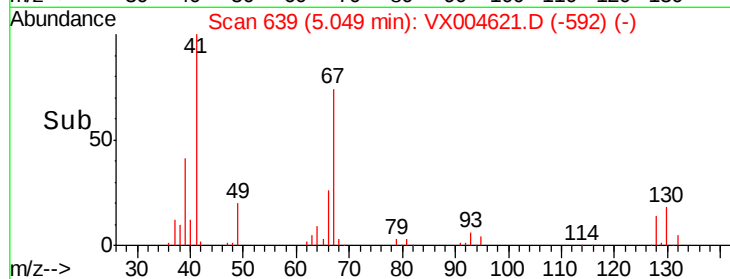
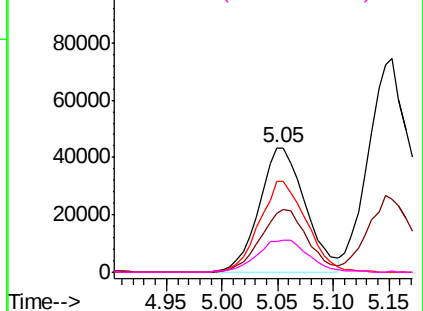
#41
Methacrylonitrile
Concen: 48.31 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	125381
Ion	Ratio	Lower	Upper
41	100		
39	51.3	42.4	63.6
67	74.4	59.2	88.8
52	28.2	23.0	34.4

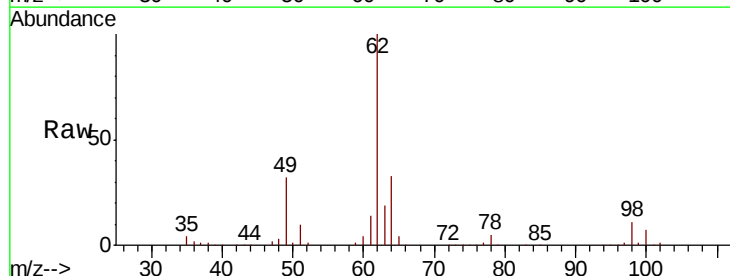


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

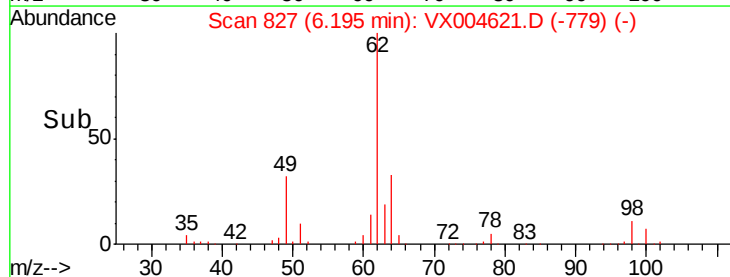
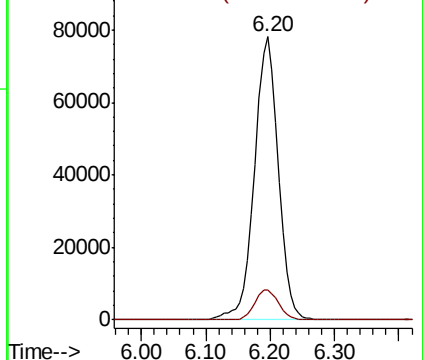


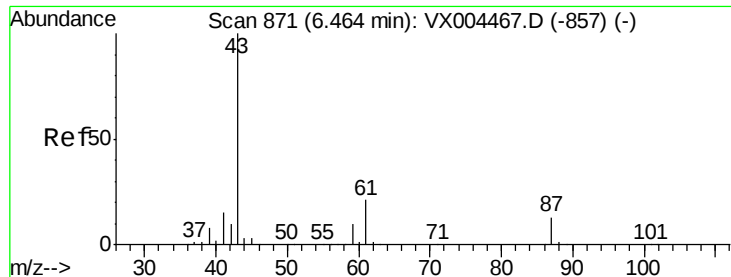
#42
1,2-Dichloroethane
Concen: 48.59 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion:	62	Resp:	198015
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6



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



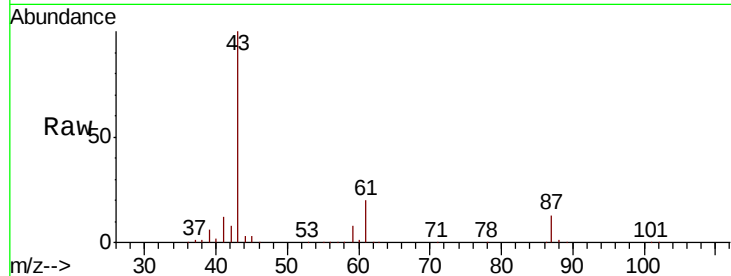


#43

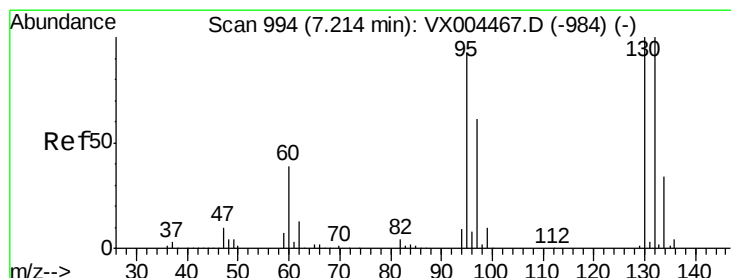
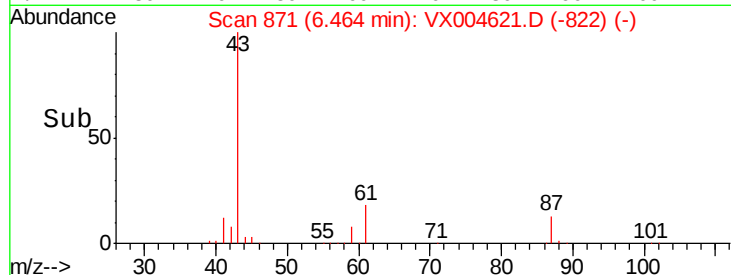
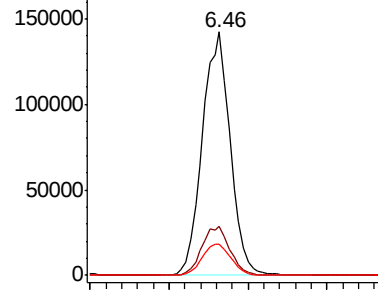
Isopropyl Acetate
 Concen: 55.58 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	347733
Ion Ratio	Lower	Upper	
43	100		
61	20.4	17.0	25.4
87	13.4	11.4	17.2



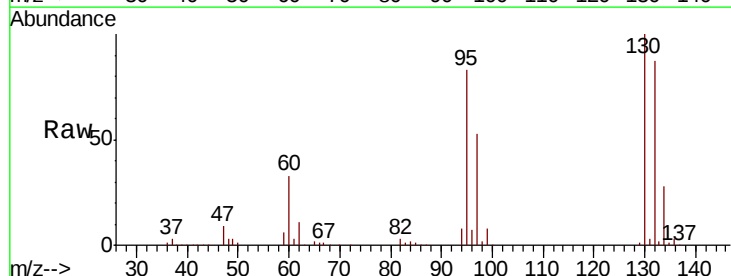
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



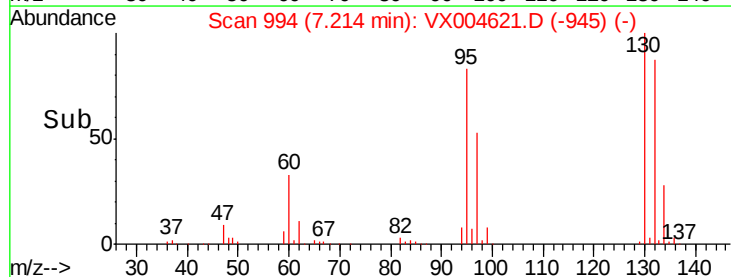
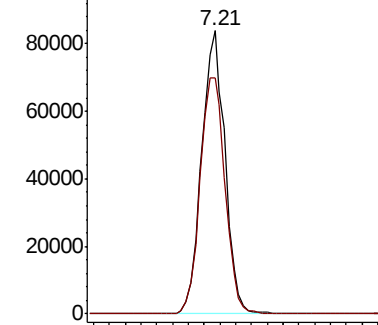
#44

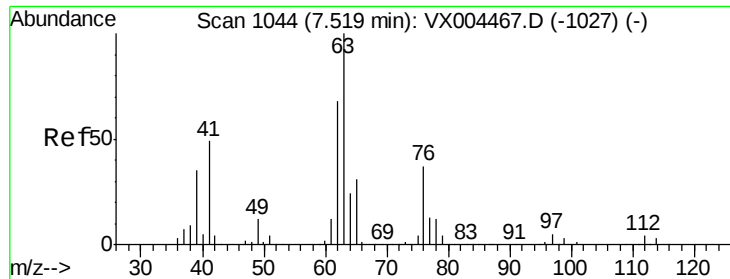
Trichloroethene
 Concen: 54.07 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion	130	Resp	172610
Ion Ratio	Lower	Upper	
130	100		
95	83.4	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: 50.50 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

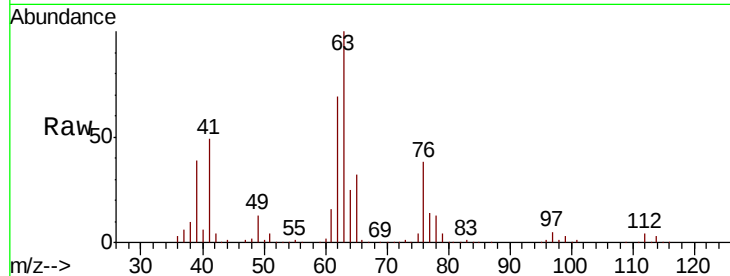
ClientSampleId :

Tot Ion: 63 Resp: 149314

Ion Ratio Lower Upper

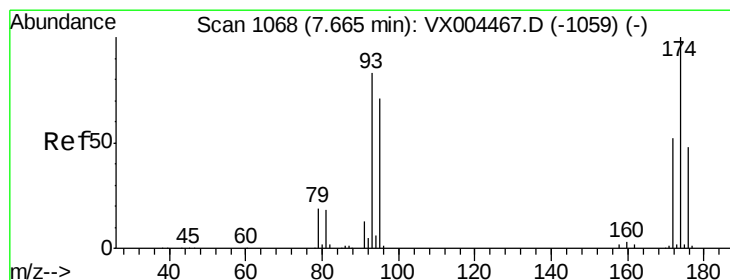
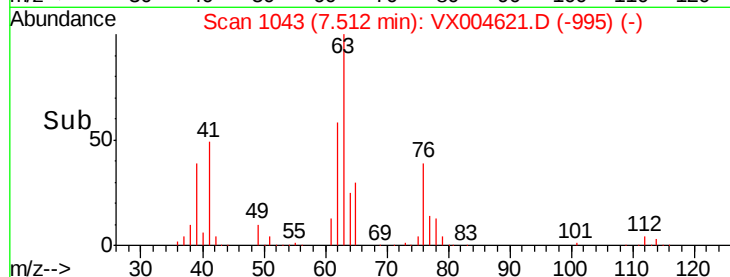
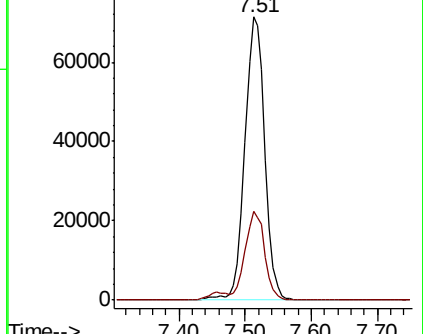
63 100

65 31.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.41 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

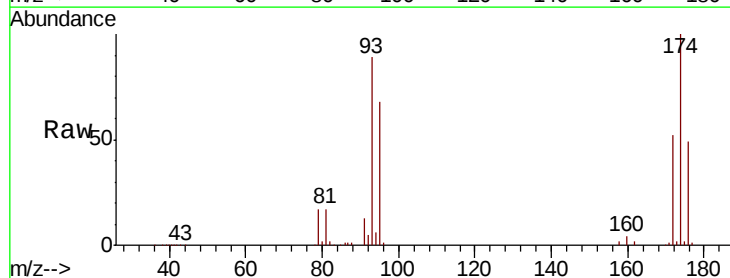
Tgt Ion: 93 Resp: 94158

Ion Ratio Lower Upper

93 100

95 81.6 65.5 98.3

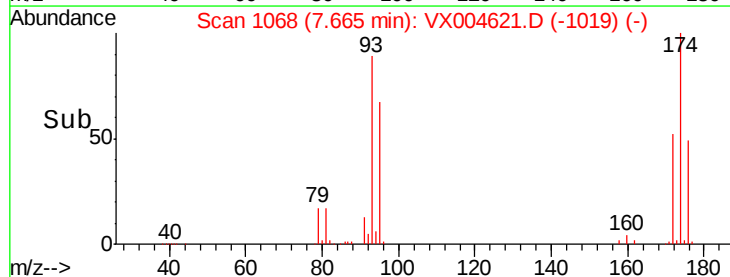
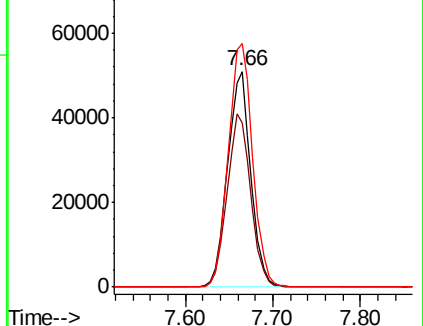
174 118.8 94.2 141.4

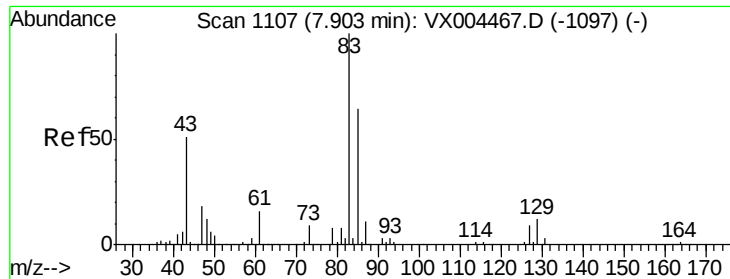


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.74 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

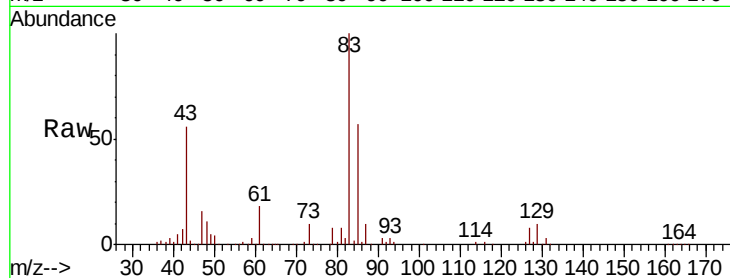
Tot Ion: 83 Resp: 182766

Ion Ratio Lower Upper

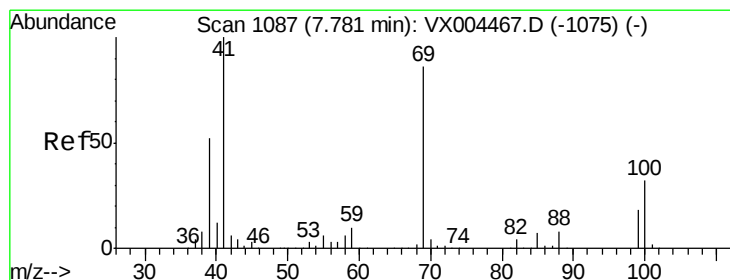
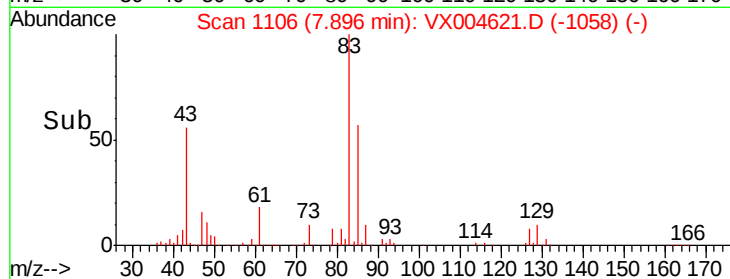
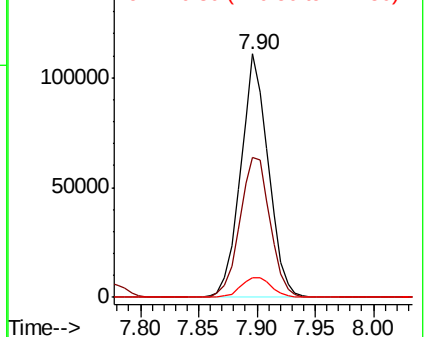
83 100

85 57.3 50.9 76.3

127 8.3 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: 49.05 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

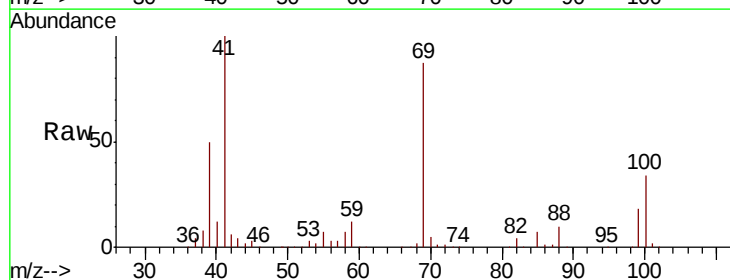
Tgt Ion: 41 Resp: 151881

Ion Ratio Lower Upper

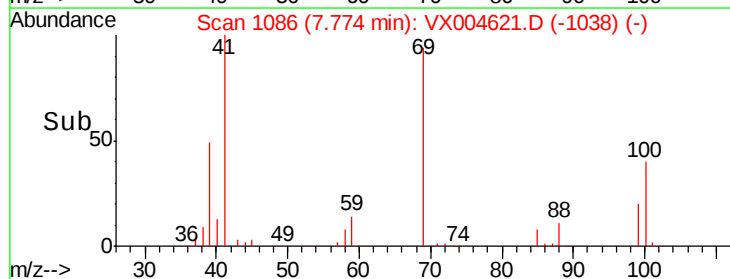
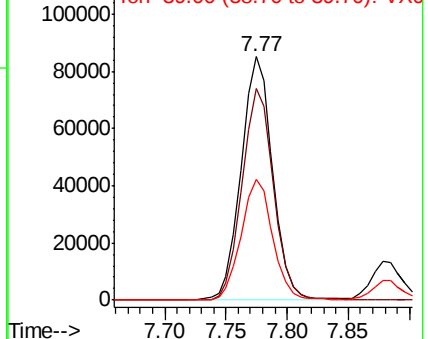
41 100

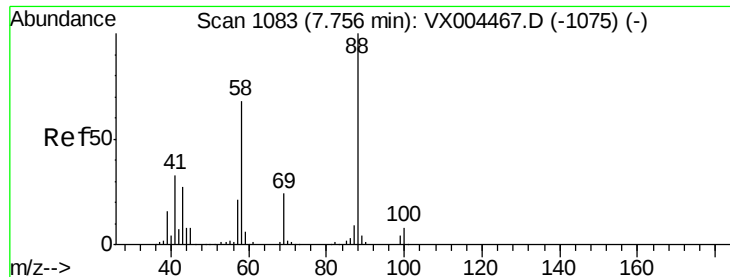
69 87.7 70.2 105.4

39 50.1 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: 968.64 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :
MSVOA_X
ClientSampleId :

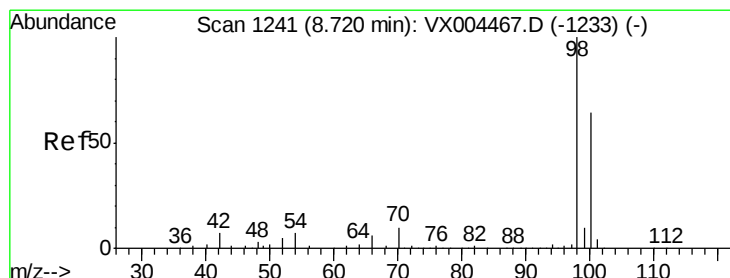
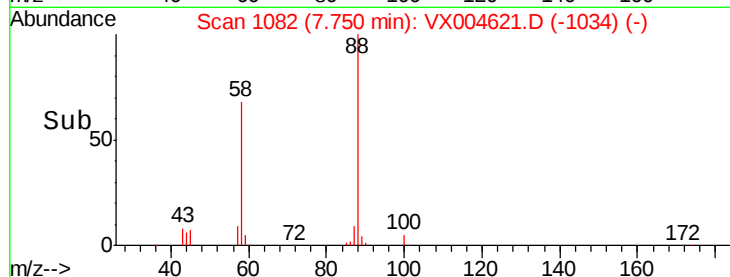
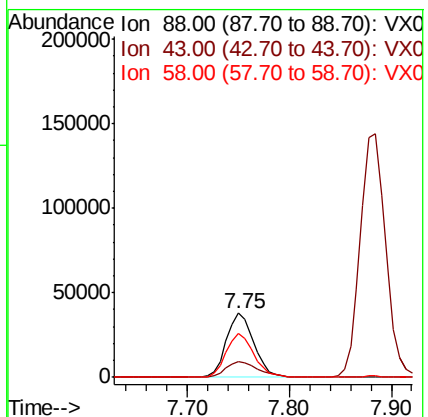
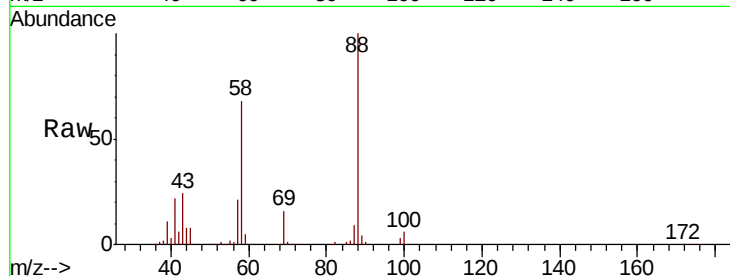
Tot Ion: 88 Resp: 70982

Ion Ratio Lower Upper

88 100

43 28.4 24.7 37.1

58 68.7 55.3 82.9



#50

Toluene-d8

Concen: 39.97 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004621.D

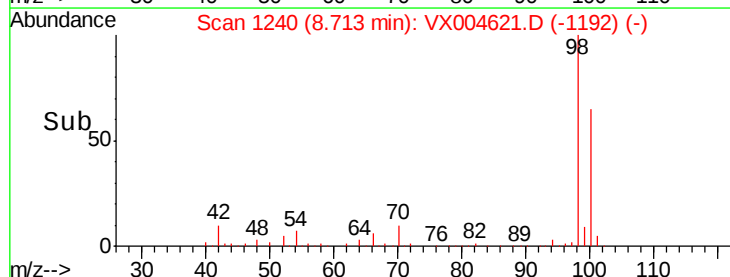
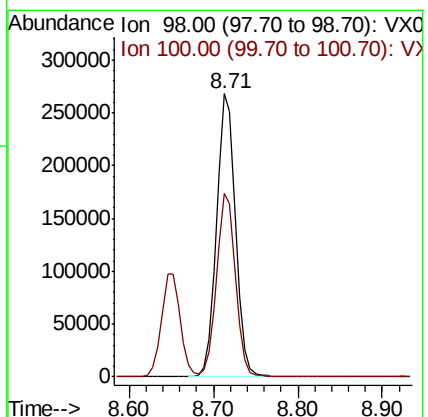
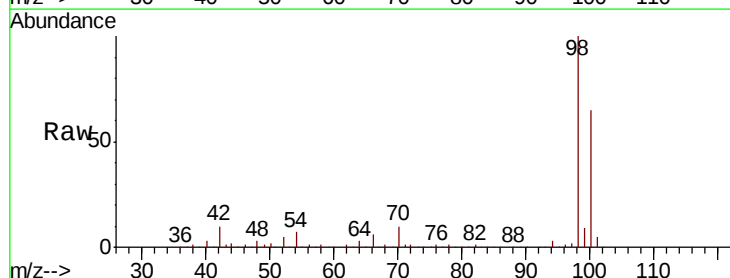
Acq: 17 Sep 2018 15:47

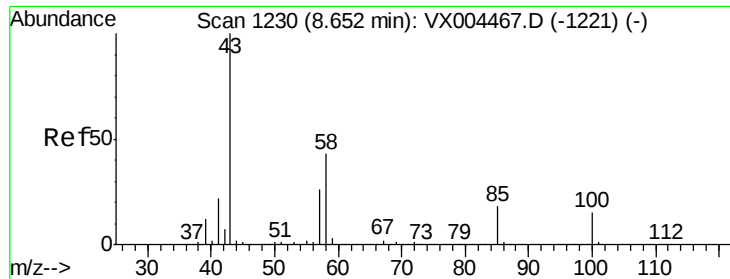
Tgt Ion: 98 Resp: 418384

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 218.48 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

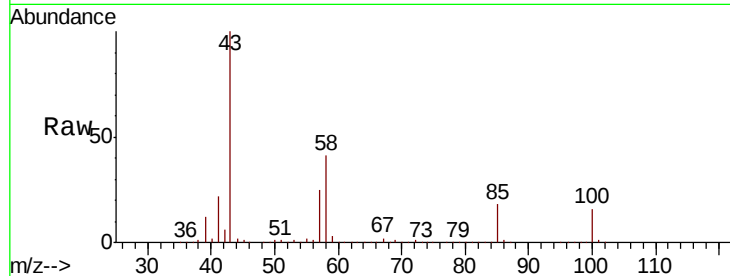
ClientSampleId :

Tot Ion: 43 Resp: 964577

Ion Ratio Lower Upper

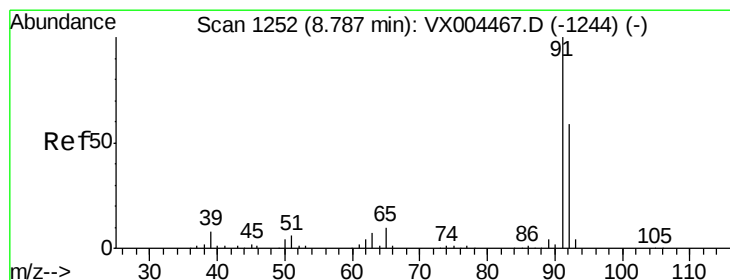
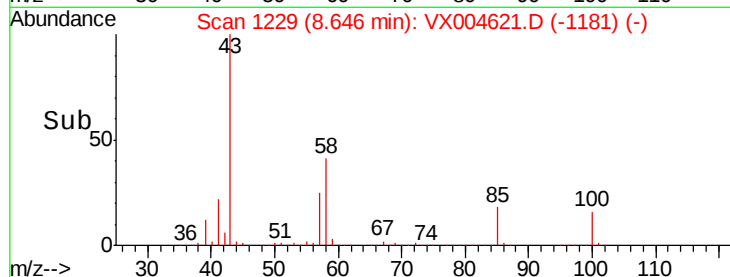
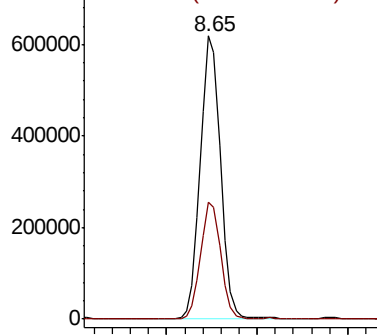
43 100

58 41.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.16 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004621.D

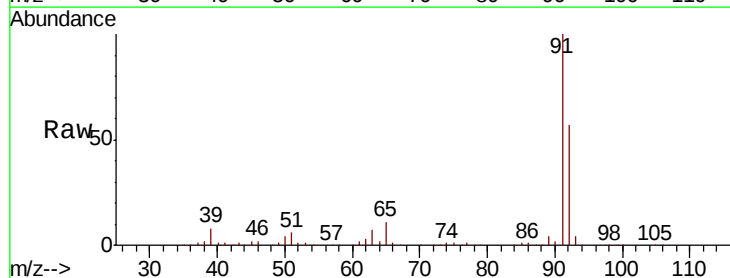
Acq: 17 Sep 2018 15:47

Tgt Ion: 92 Resp: 355876

Ion Ratio Lower Upper

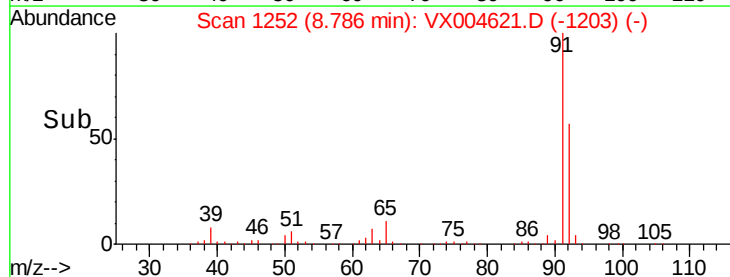
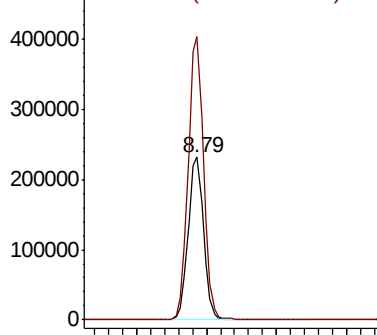
92 100

91 173.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

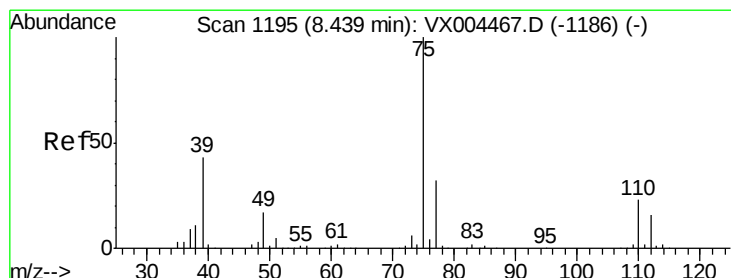
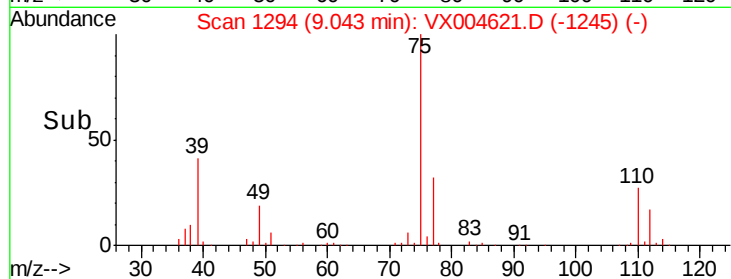
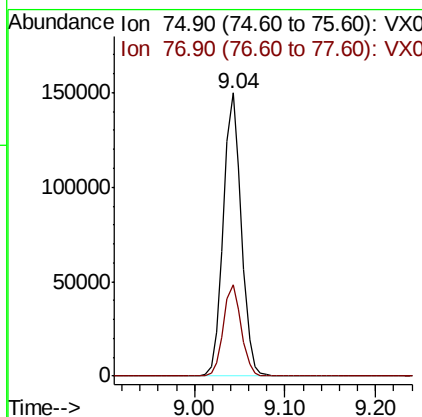
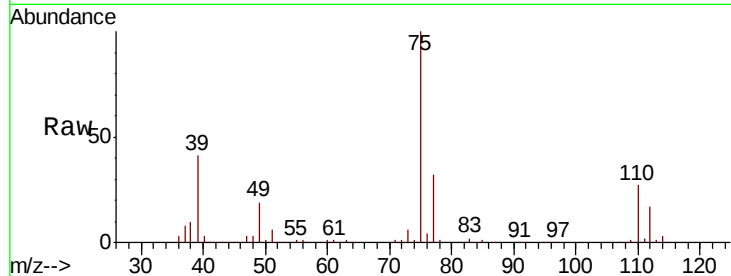




#53
 t-1,3-Dichloropropene
 Concen: 50.05 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

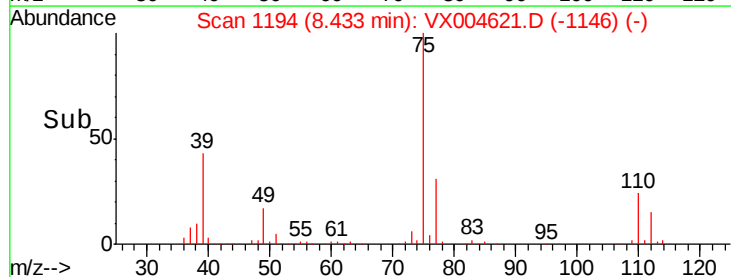
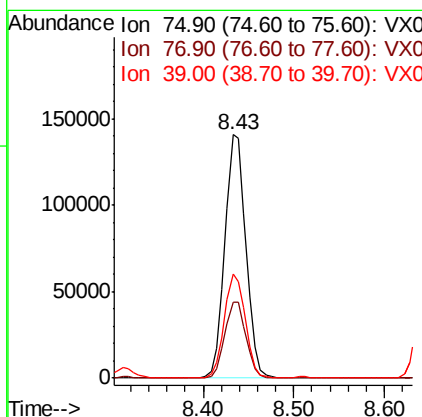
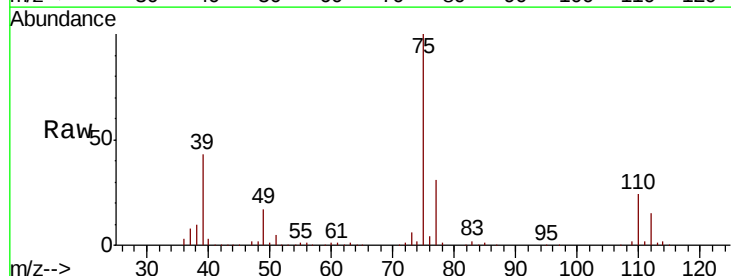
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 206524
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.12 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion: 75 Resp: 227641
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2
 39 42.6 36.4 54.6

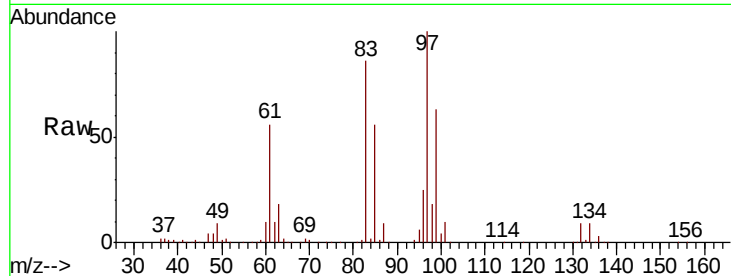




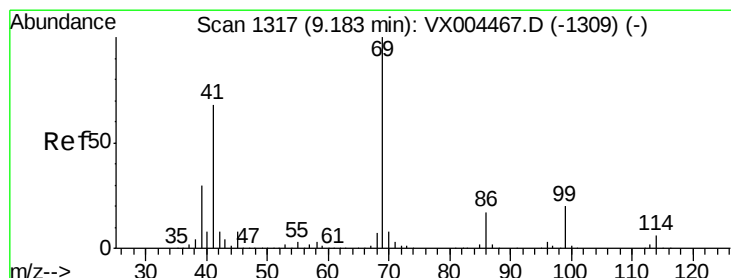
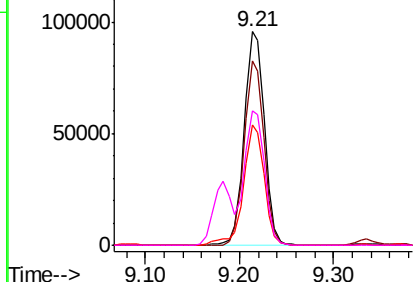
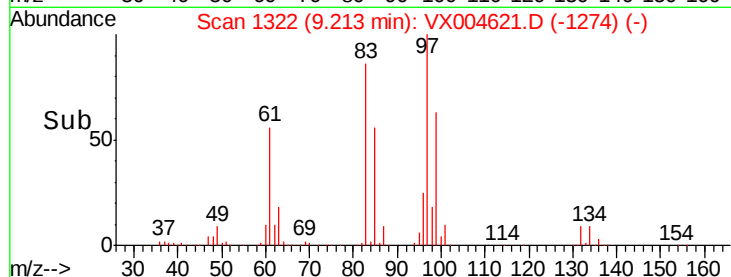
#55
 1,1,2-Trichloroethane
 Concen: 45.81 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	142810
Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.4	99.6
85	56.4	43.3	64.9
99	63.2	49.0	73.4

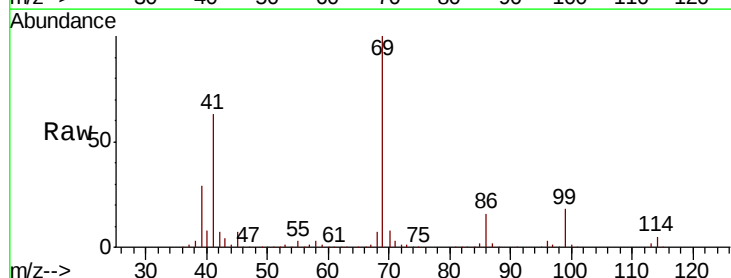


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

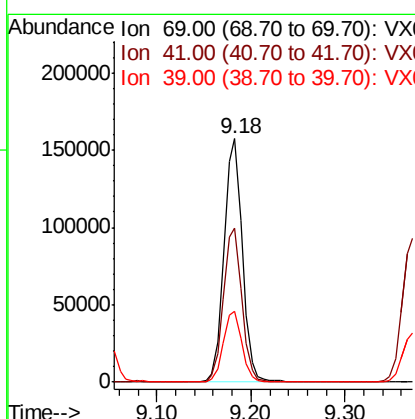
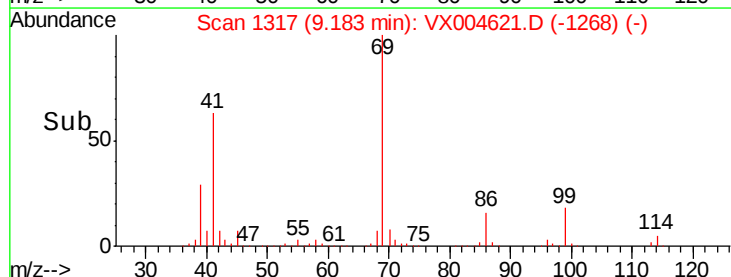


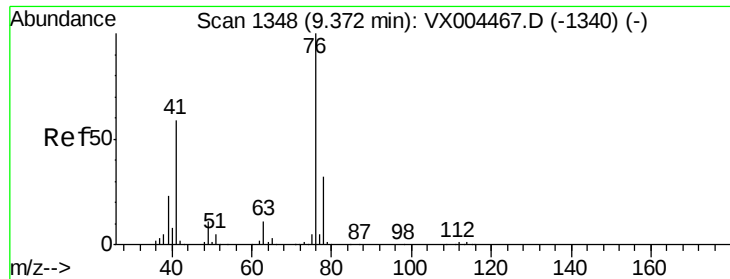
#56
 Ethyl methacrylate
 Concen: 48.09 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion:	69	Resp:	212052
Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.0	76.4
39	29.6	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 46.70 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

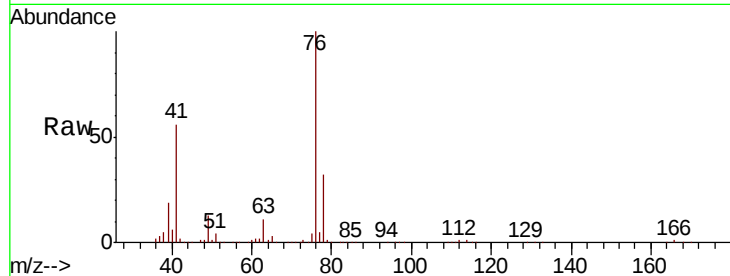
ClientSampleId :

Tot Ion: 76 Resp: 236549

Ion Ratio Lower Upper

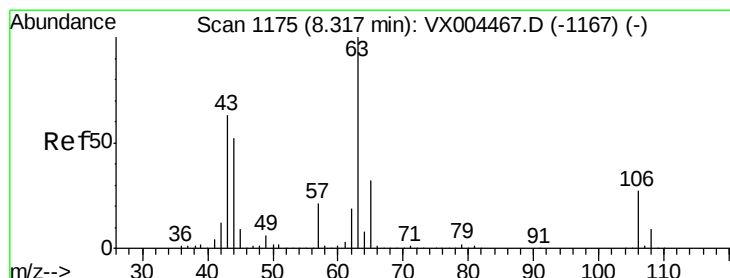
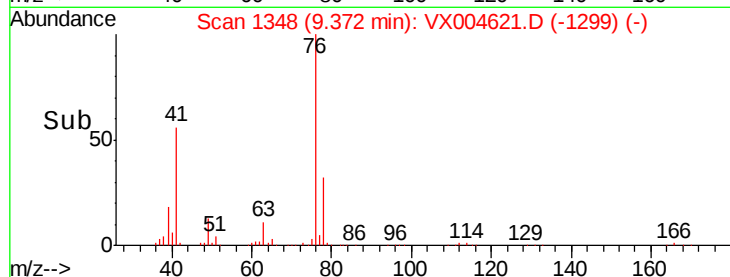
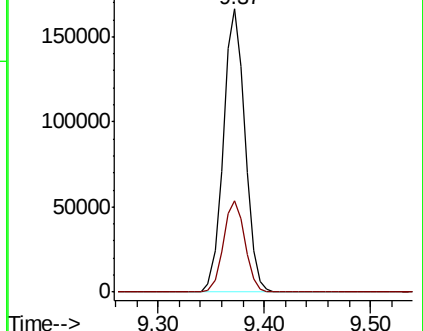
76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 221.60 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004621.D

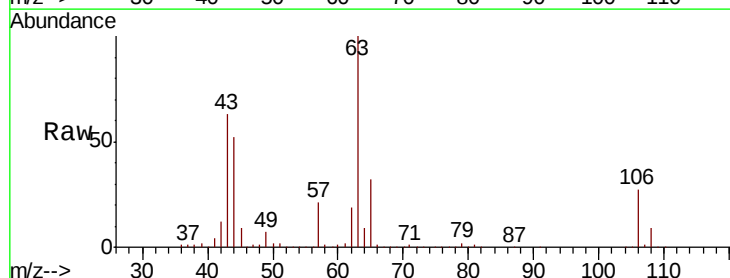
Acq: 17 Sep 2018 15:47

Tgt Ion: 63 Resp: 495972

Ion Ratio Lower Upper

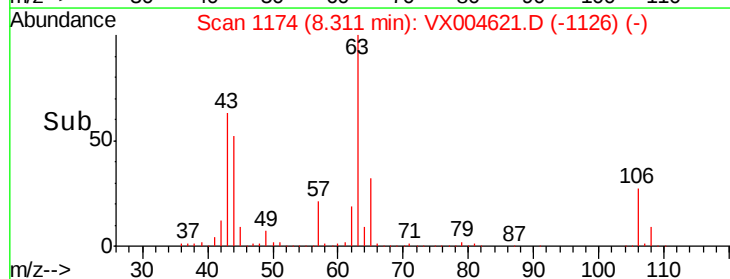
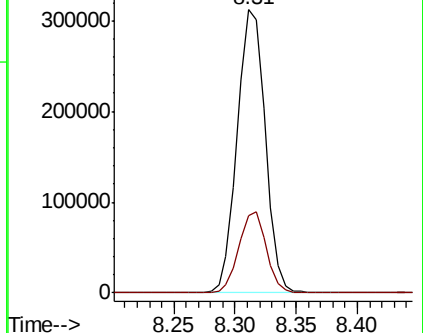
63 100

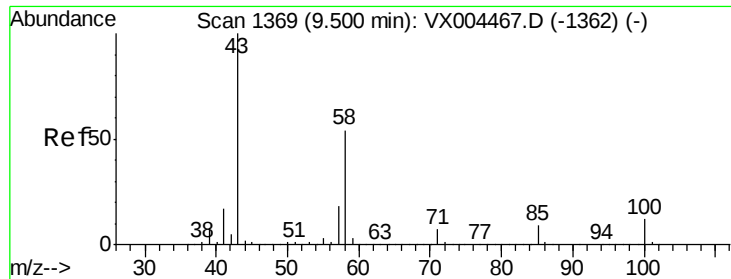
106 28.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

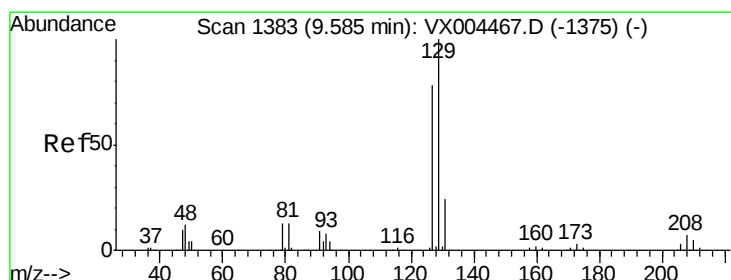
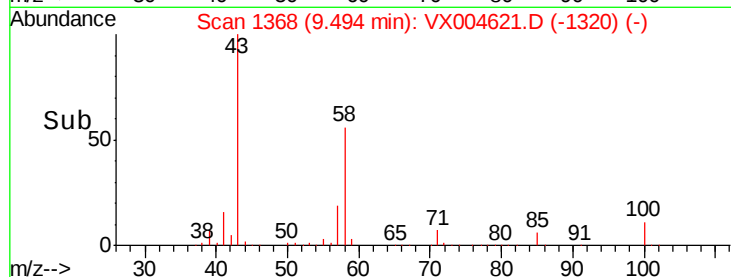
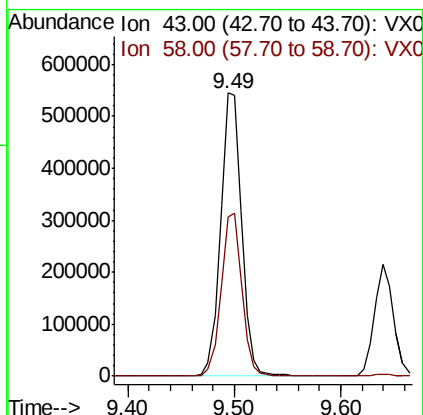
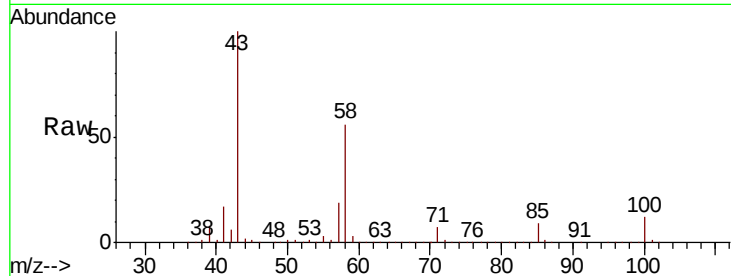




#59
2-Hexanone
Concen: 222.38 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

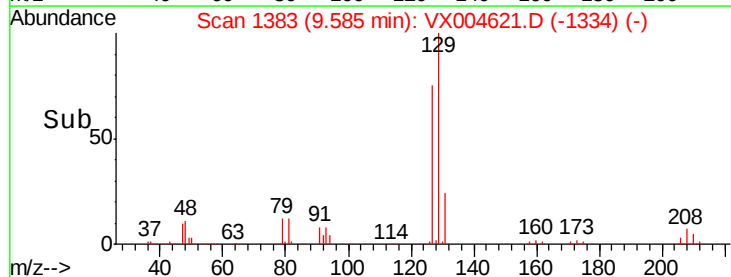
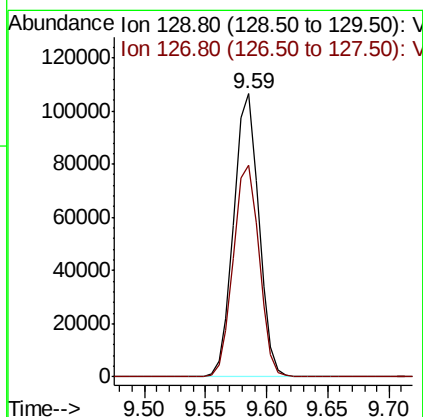
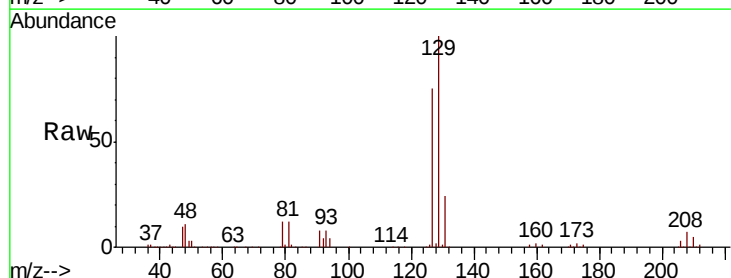
Instrument :
MSVOA_X
ClientSampled :

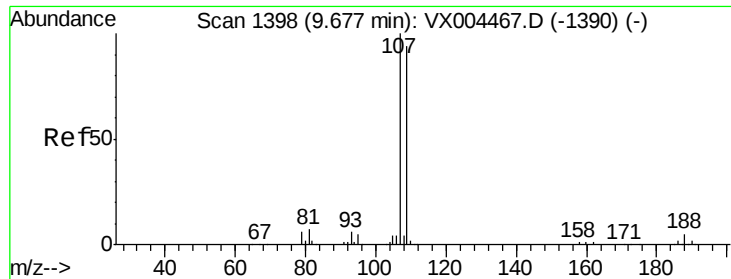
Tot Ion: 43 Resp: 753072
Ion Ratio Lower Upper
43 100
58 56.8 29.0 87.0



#60
Dibromochloromethane
Concen: 51.36 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion:129 Resp: 150733
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.80 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

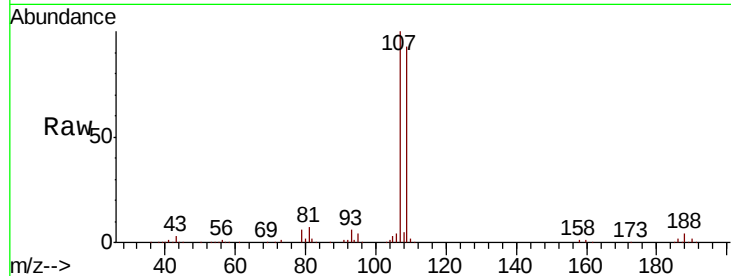
ClientSampleId :

Tot Ion:107 Resp: 148285

Ion Ratio Lower Upper

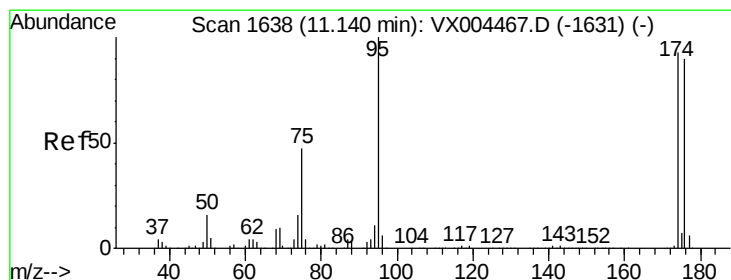
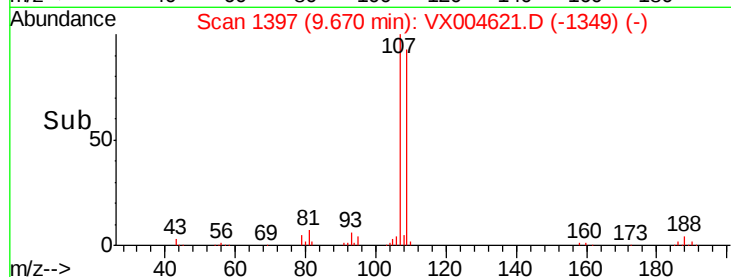
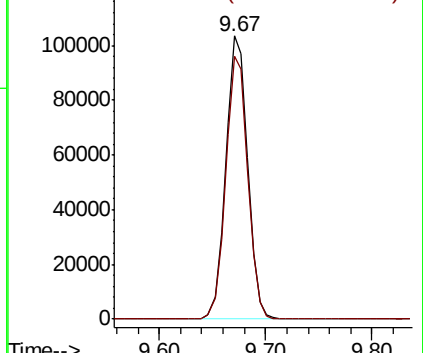
107 100

109 94.0 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: 41.57 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

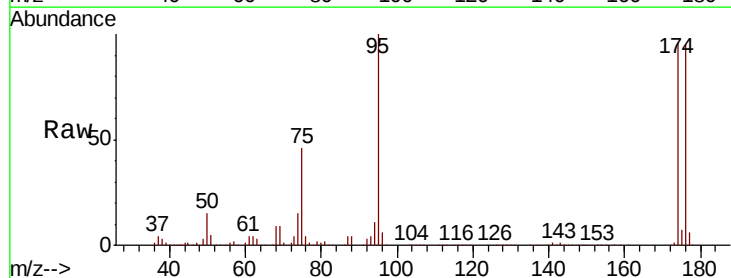
Tgt Ion: 95 Resp: 155331

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.2

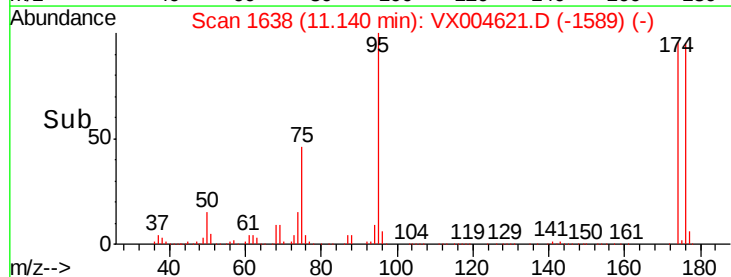
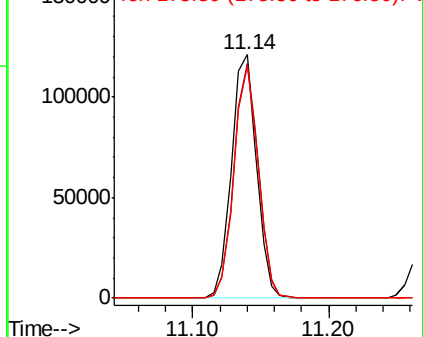
176 92.5 0.0 178.6



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

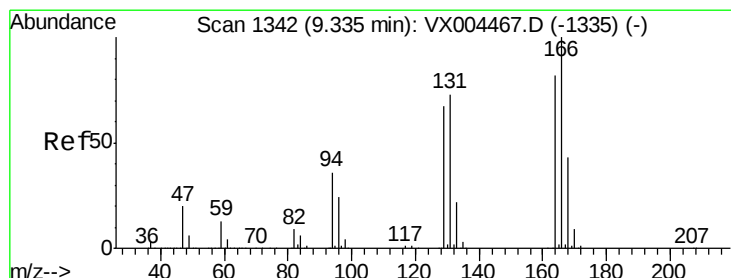
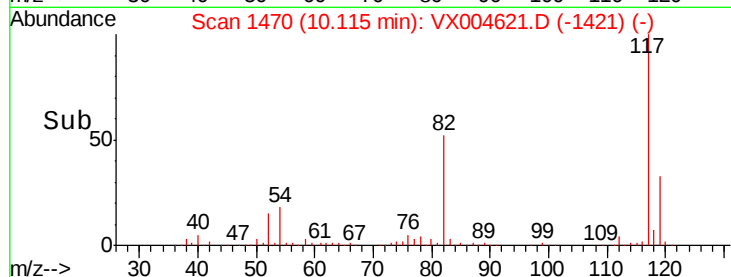
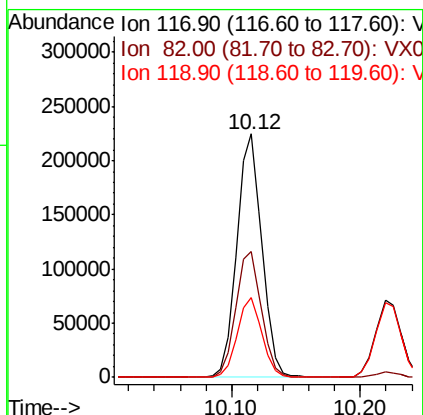
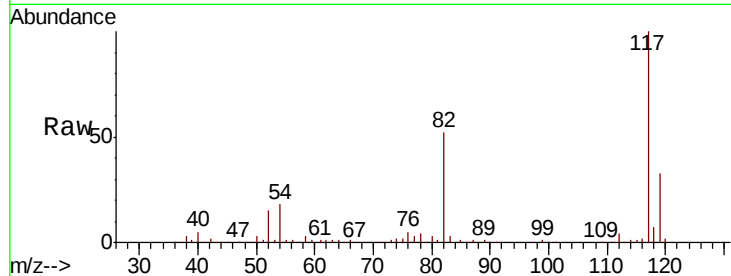




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

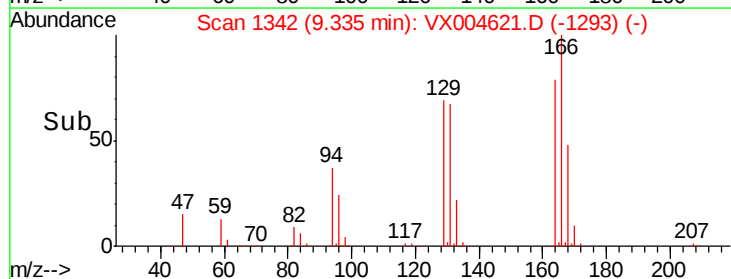
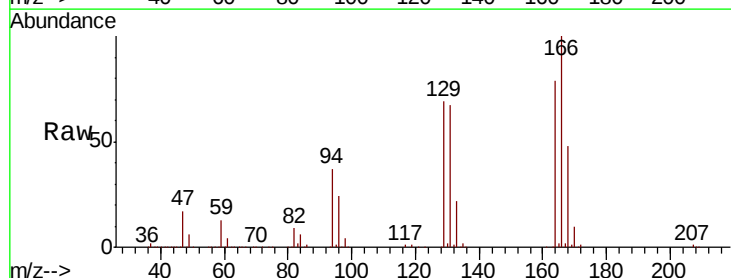
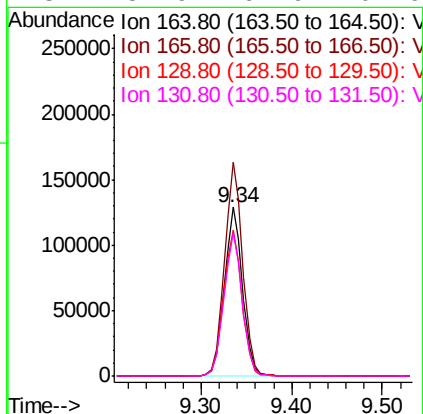
Instrument :
MSVOA_X
ClientSampleId :

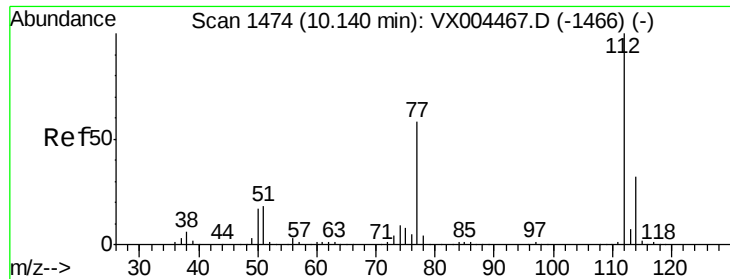
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	47.8	71.6
119	32.6	29.3	43.9



#64
Tetrachloroethene
Concen: 47.90 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.8	154.2
129	86.8	69.4	104.0
131	84.9	67.9	101.9

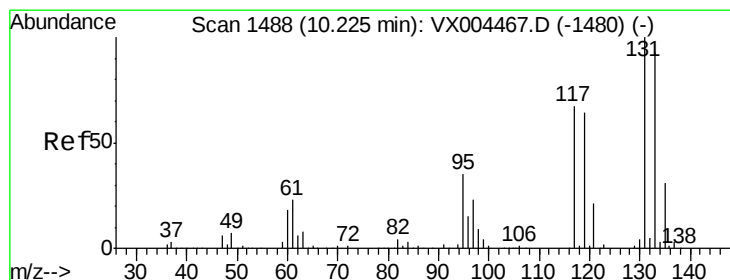
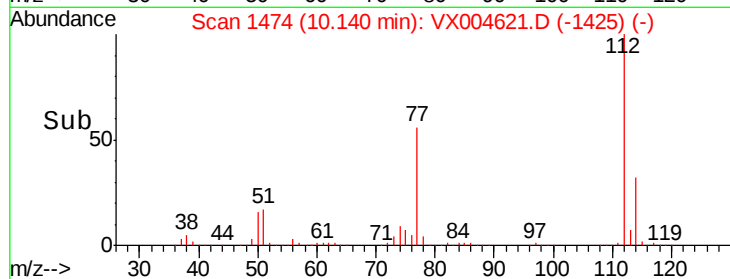
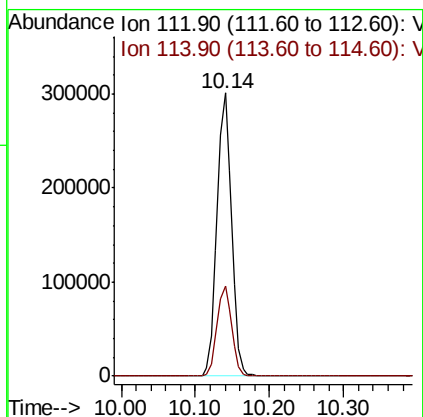
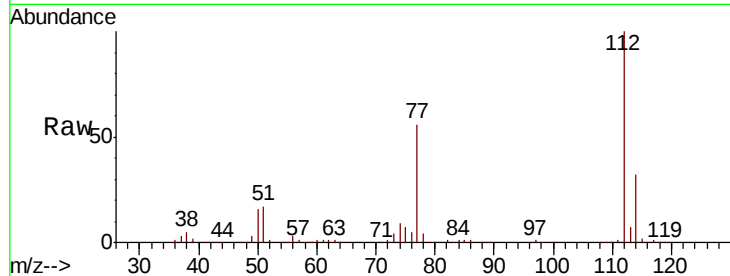




#65
Chlorobenzene
Concen: 53.90 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

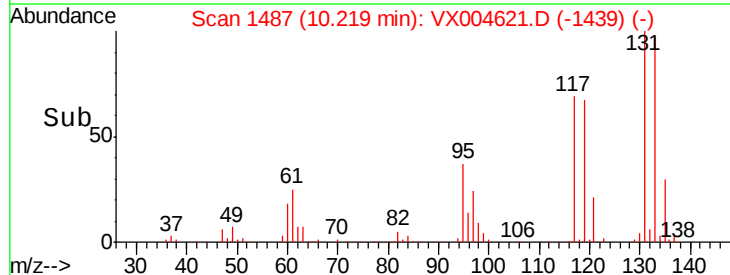
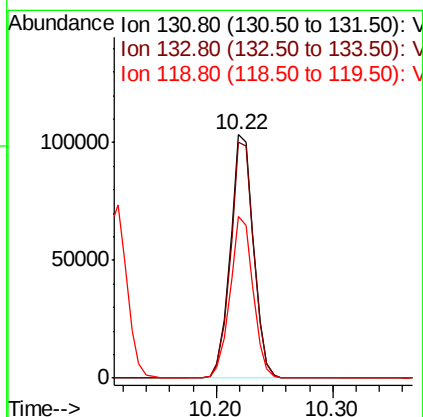
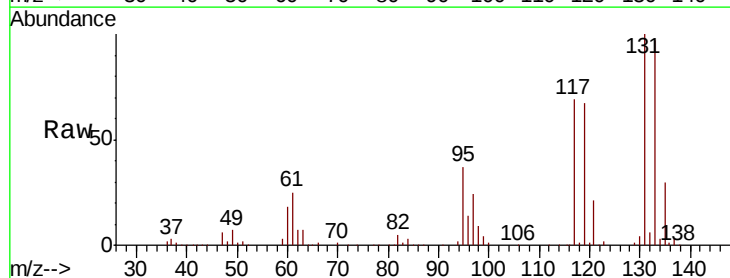
Instrument :
MSVOA_X
ClientSampleId :

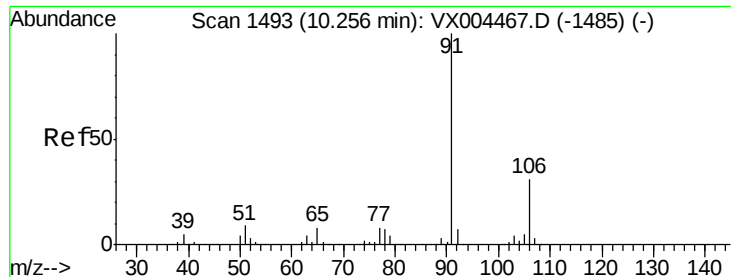
Tot Ion:112 Resp: 404805
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.44 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion:131 Resp: 143579
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.4
119 65.6 32.9 98.6

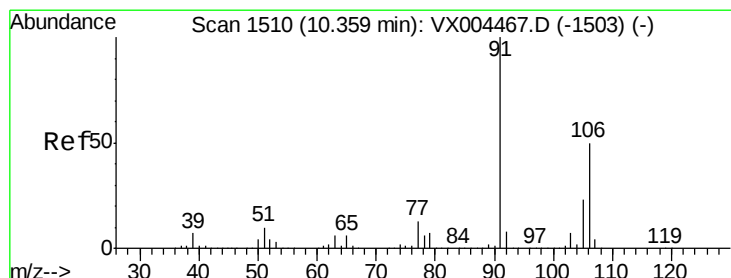
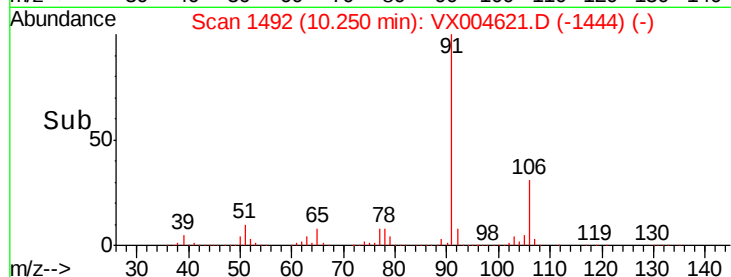
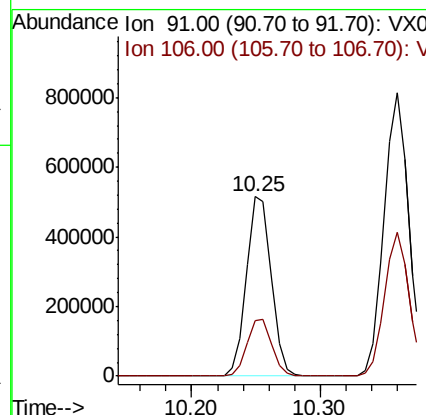
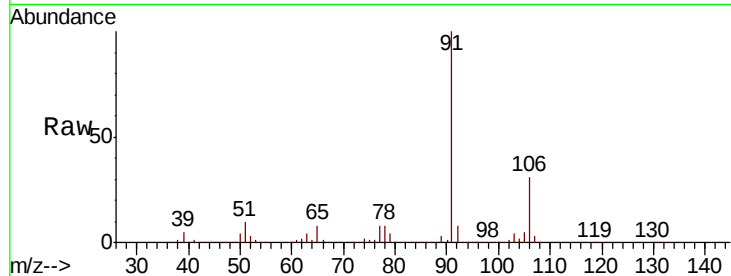




#67
Ethyl Benzene
Concen: 56.20 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

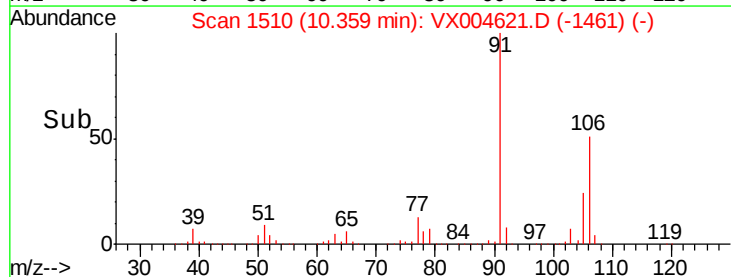
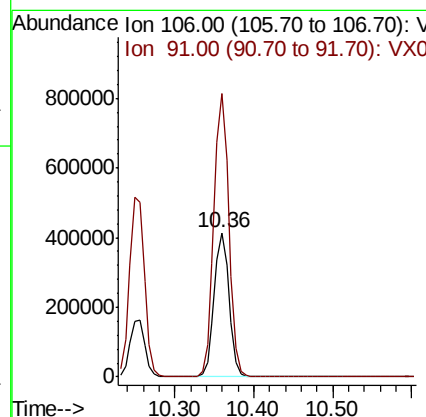
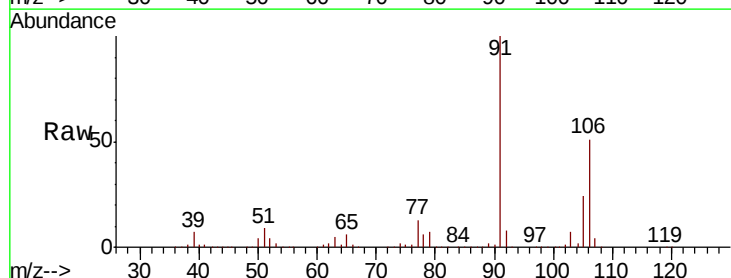
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 686351
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9



#68
m/p-Xylenes
Concen: 115.87 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion: 106 Resp: 545034
Ion Ratio Lower Upper
106 100
91 198.1 157.1 235.7

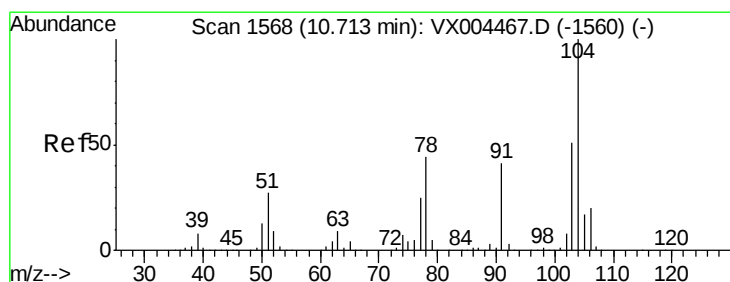
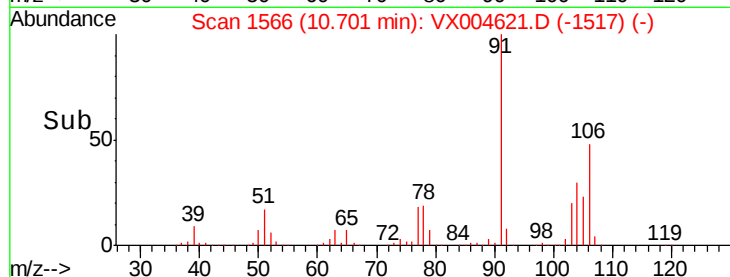
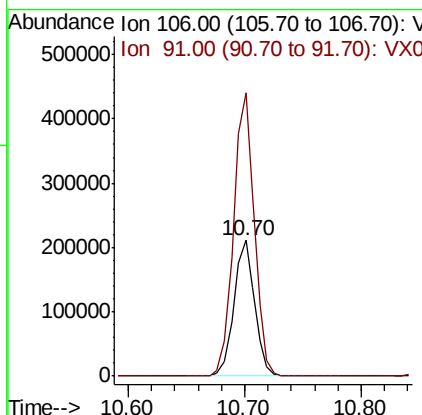
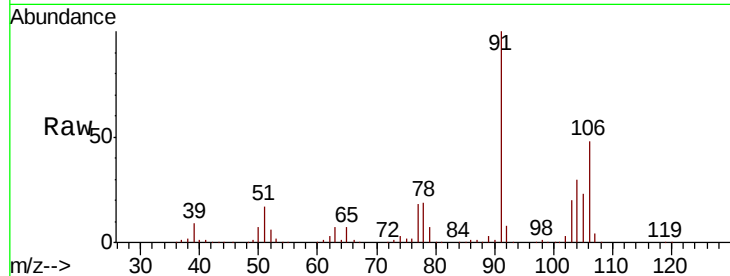




#69
o-Xylene
Concen: 57.51 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

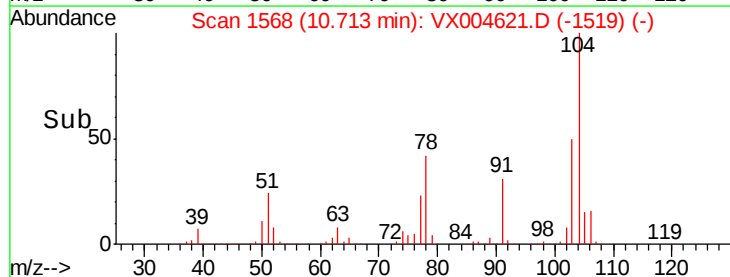
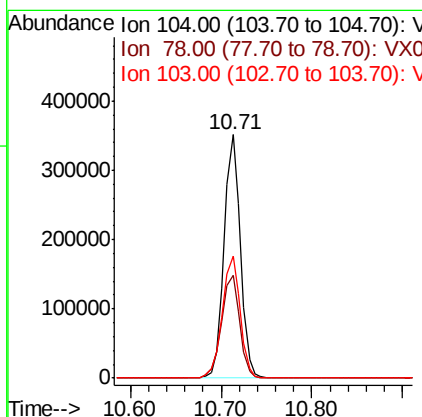
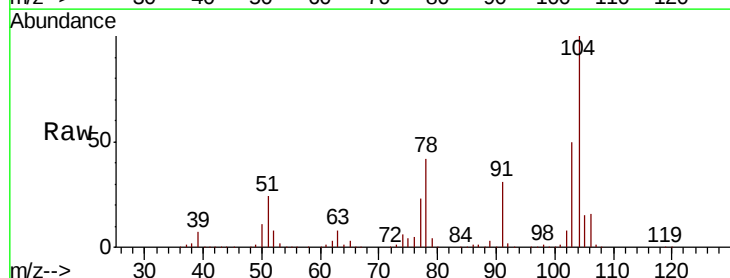
Instrument :
MSVOA_X
ClientSampled :

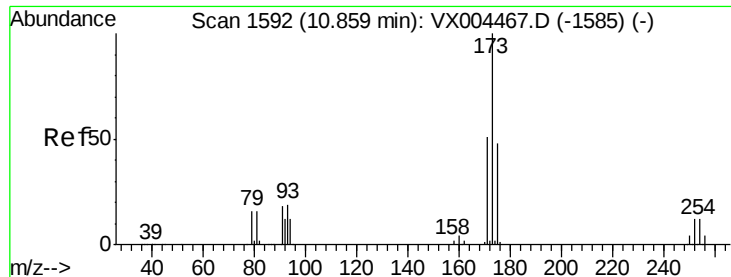
Tot Ion:106 Resp: 260071
Ion Ratio Lower Upper
106 100
91 210.4 105.1 315.1



#70
Styrene
Concen: 58.82 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion:104 Resp: 440697
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 54.8 43.8 65.6





#71

Bromoform

Concen: 56.94 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampled :

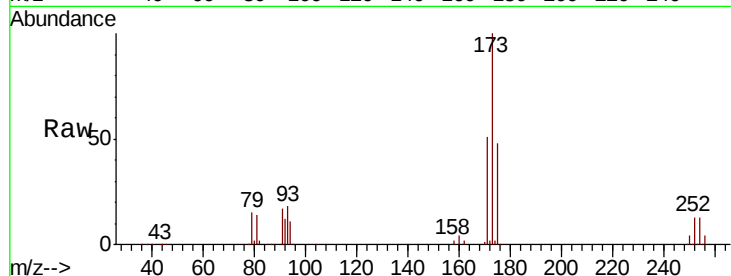
Tot Ion:173 Resp: 121087

Ion Ratio Lower Upper

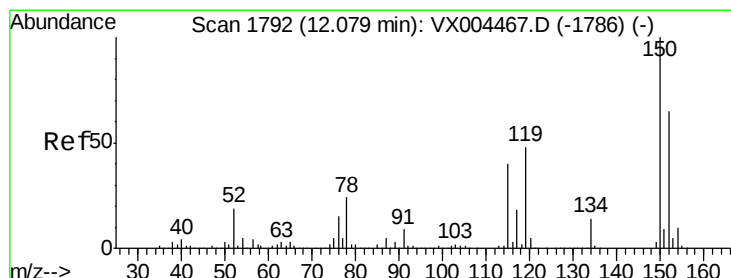
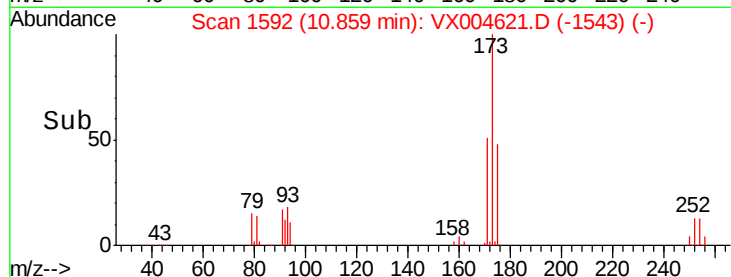
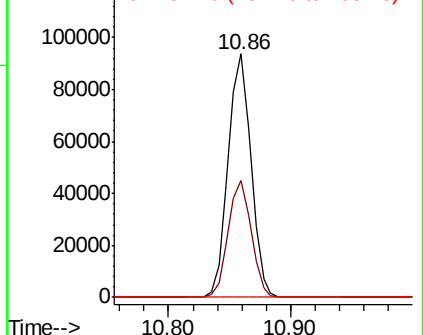
173 100

175 48.4 24.1 72.3

254 0.2 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: VX004621.D

Acq: 17 Sep 2018 15:47

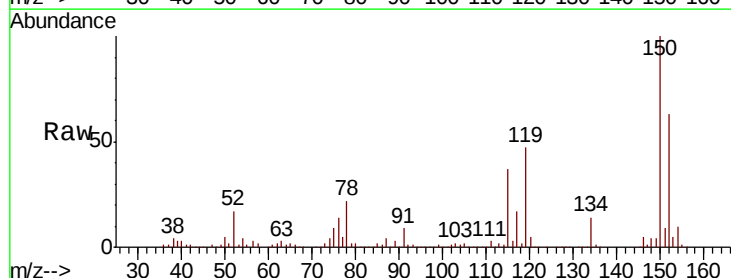
Tgt Ion:152 Resp: 191764

Ion Ratio Lower Upper

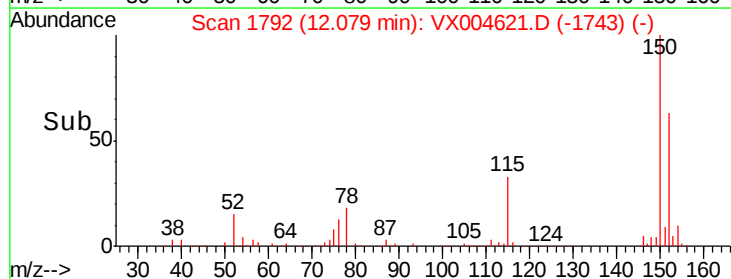
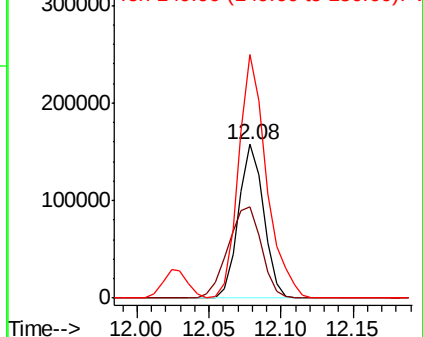
152 100

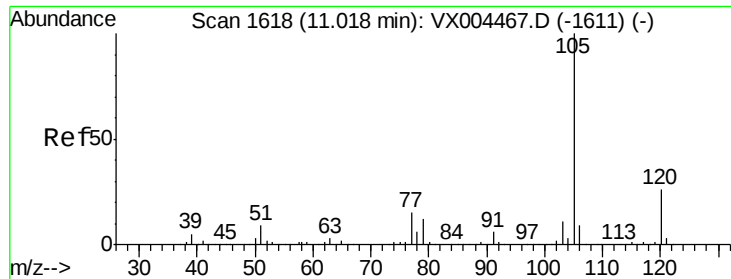
115 79.0 39.0 117.0

150 174.9 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: 55.93 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

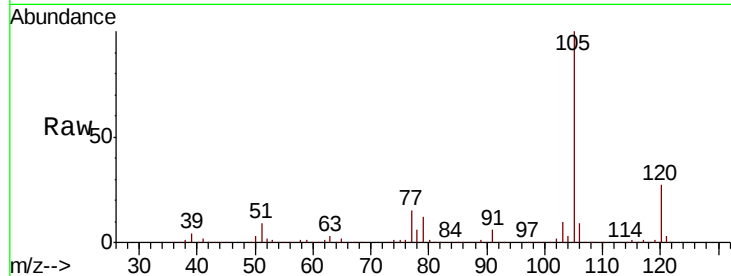
ClientSampleId :

Tot Ion:105 Resp: 706304

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

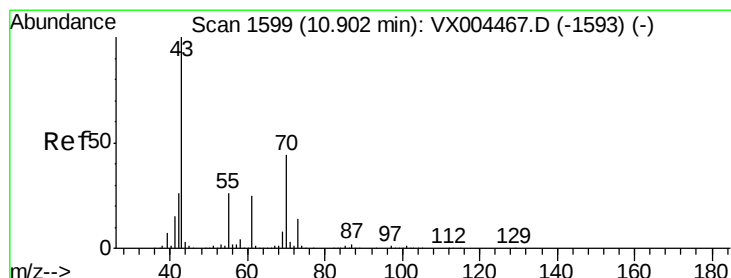
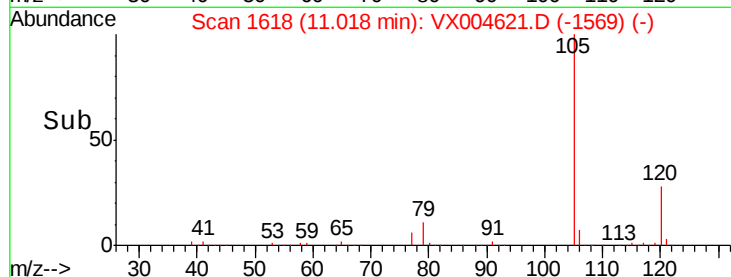
200000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 51.49 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Tgt Ion: 43 Resp: 273688

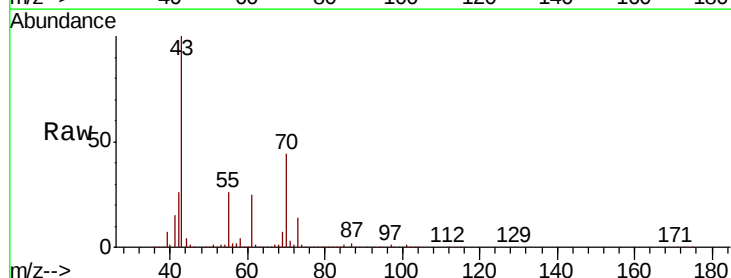
Ion Ratio Lower Upper

43 100

70 44.6 37.4 56.0

55 26.2 21.8 32.8

61 25.2 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

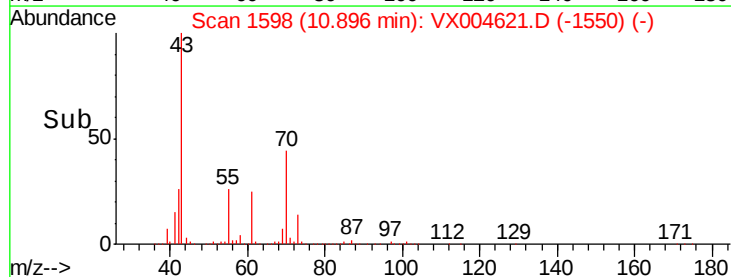
100000

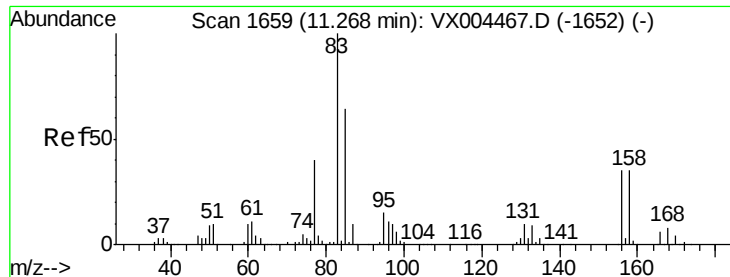
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.36 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

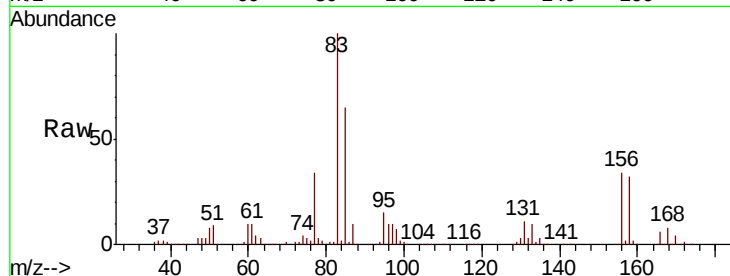
Tot Ion: 83 Resp: 205147

Ion Ratio Lower Upper

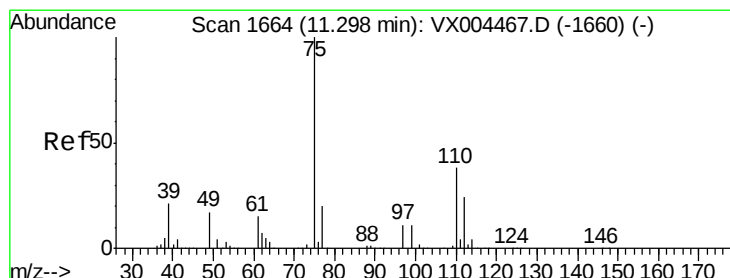
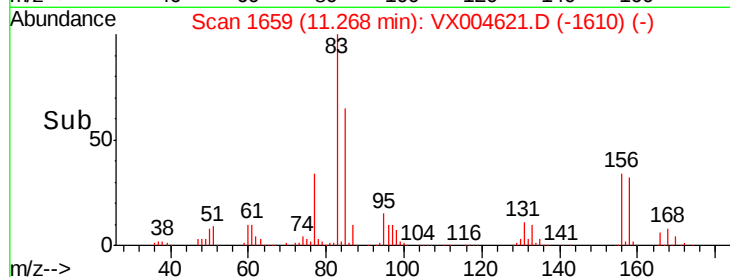
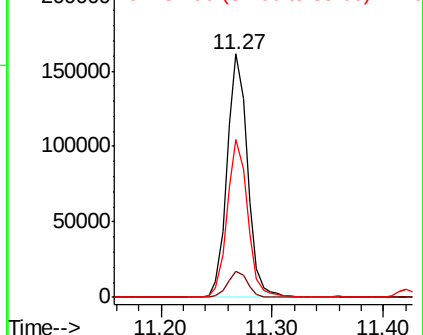
83 100

131 10.6 5.2 15.6

85 64.8 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: 65.72 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004621.D

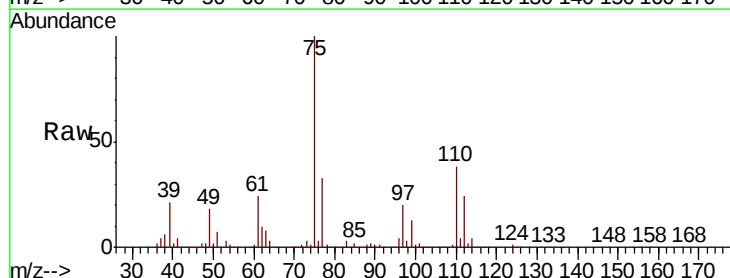
Acq: 17 Sep 2018 15:47

Tgt Ion: 75 Resp: 253565

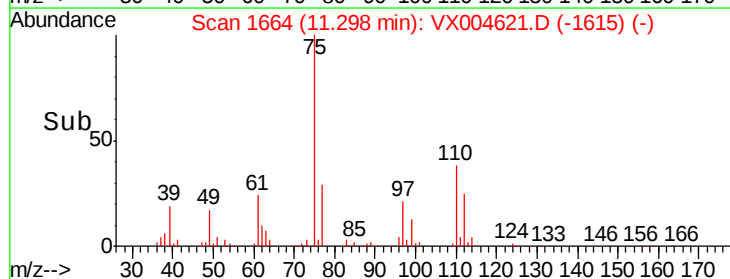
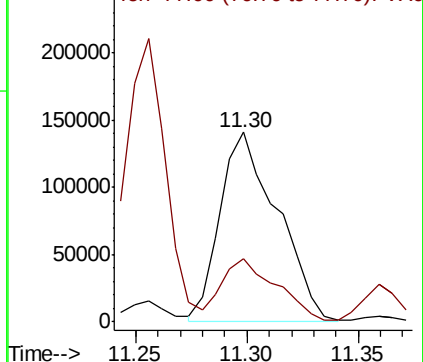
Ion Ratio Lower Upper

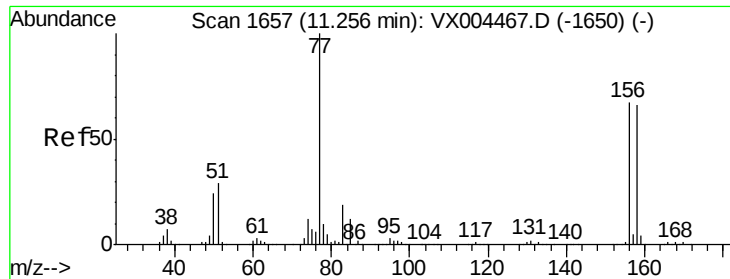
75 100

77 32.0 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: 54.25 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

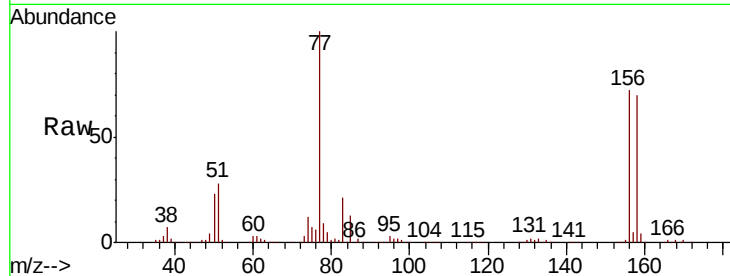
Tot Ion:156 Resp: 189381

Ion Ratio Lower Upper

156 100

77 141.1 71.5 214.3

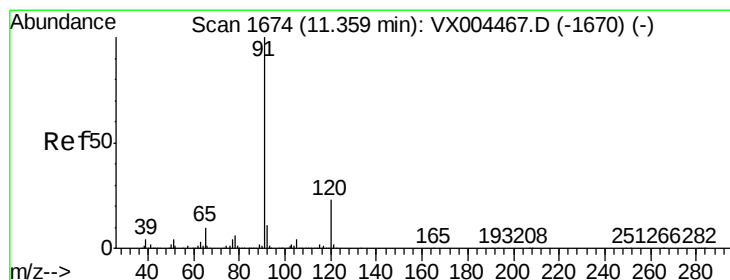
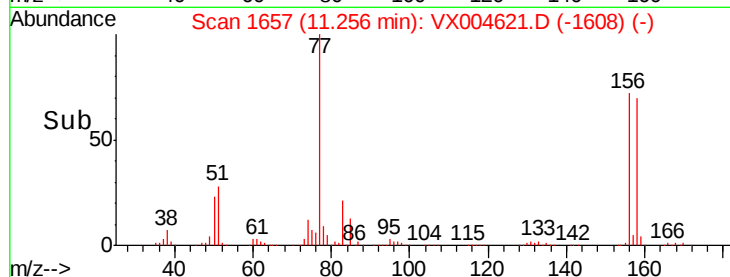
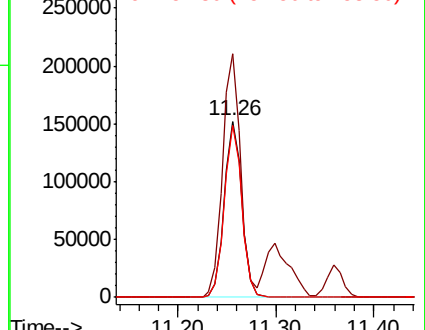
158 97.4 48.9 146.8



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: 56.77 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004621.D

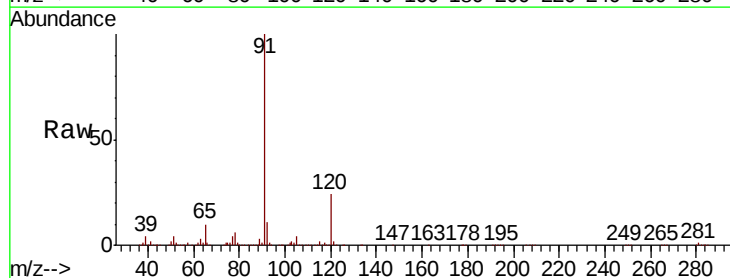
Acq: 17 Sep 2018 15:47

Tgt Ion: 91 Resp: 824358

Ion Ratio Lower Upper

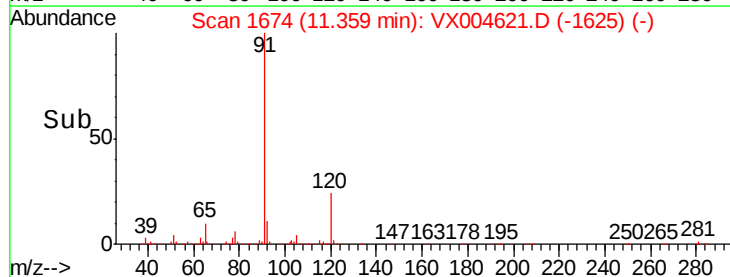
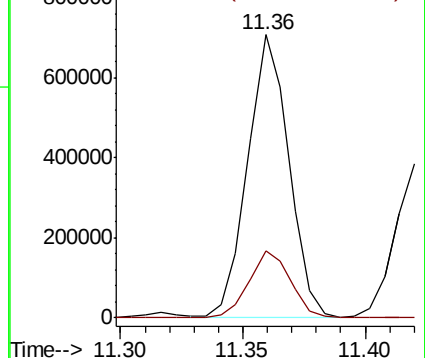
91 100

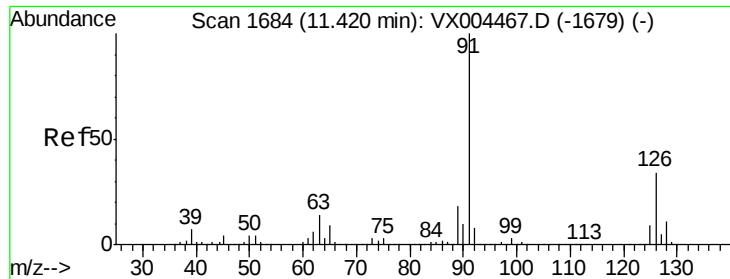
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

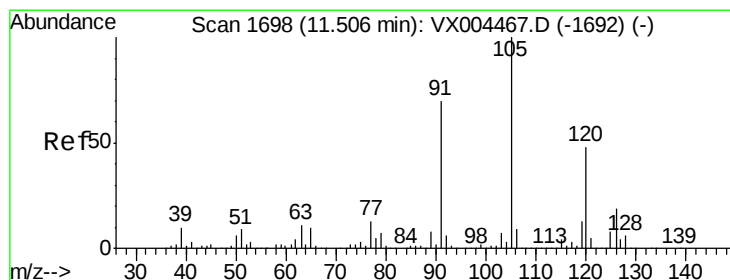
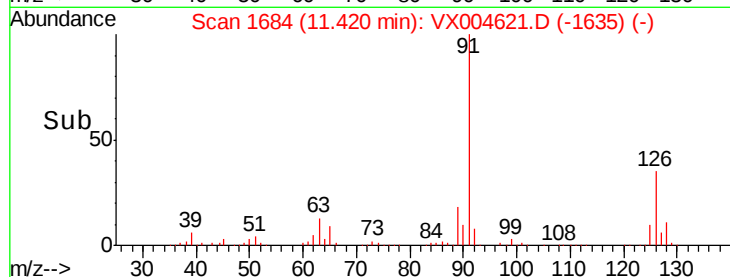
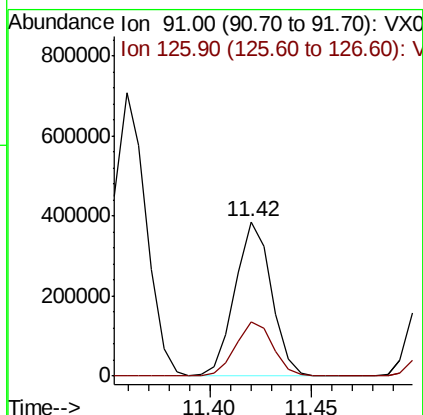
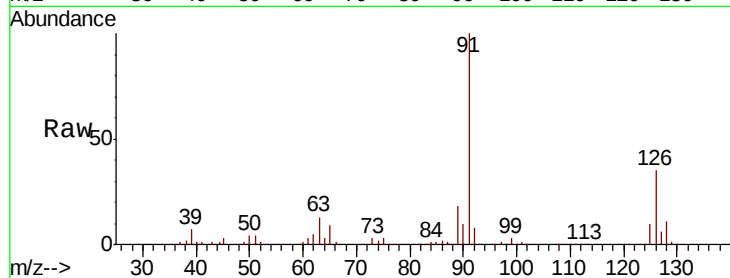




#79
 2-Chlorotoluene
 Concen: 53.78 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

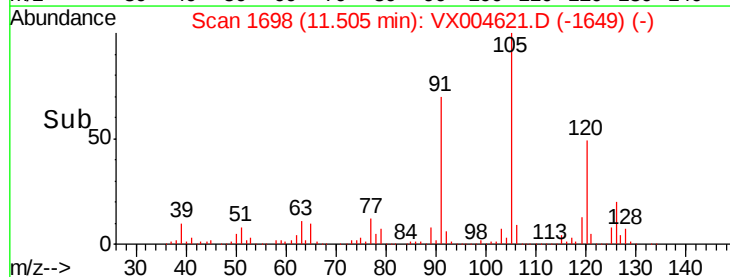
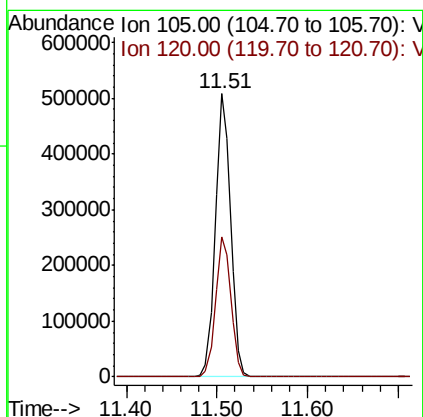
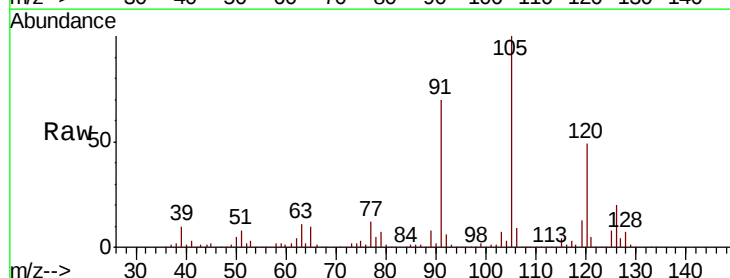
Instrument :
 MSVOA_X
 ClientSampleId :

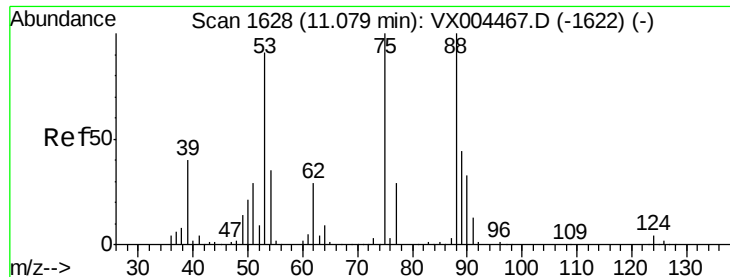
Tot Ion: 91 Resp: 473680
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 56.91 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion: 105 Resp: 604211
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 57.16 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

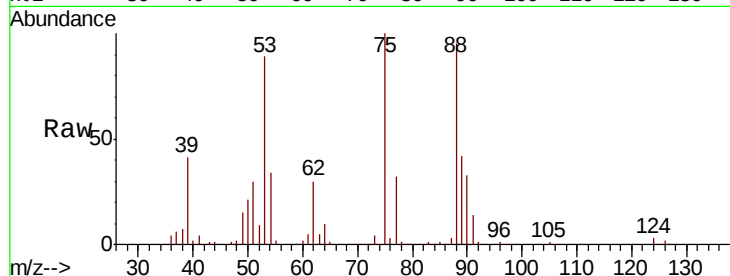
Tot Ion: 75 Resp: 69188

Ion Ratio Lower Upper

75 100

53 89.8 80.1 120.1

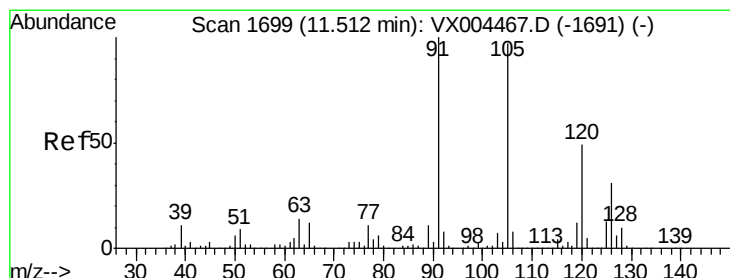
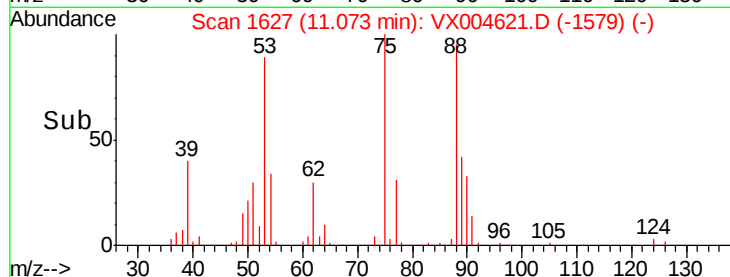
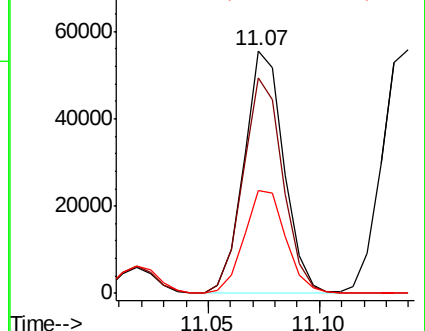
89 44.6 37.2 55.8



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: 54.53 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004621.D

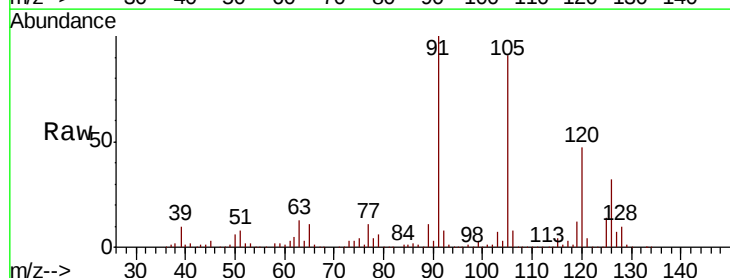
Acq: 17 Sep 2018 15:47

Tgt Ion: 91 Resp: 560473

Ion Ratio Lower Upper

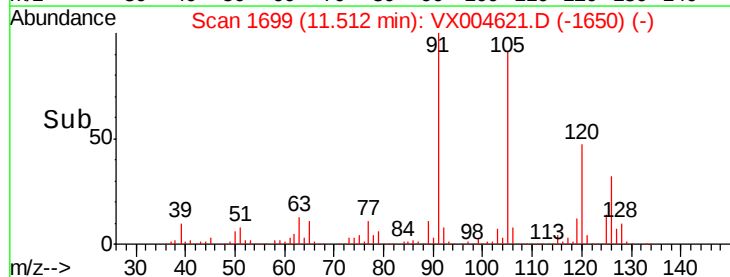
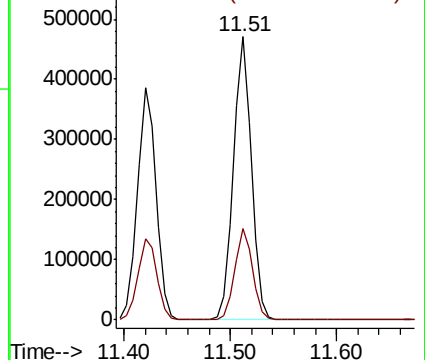
91 100

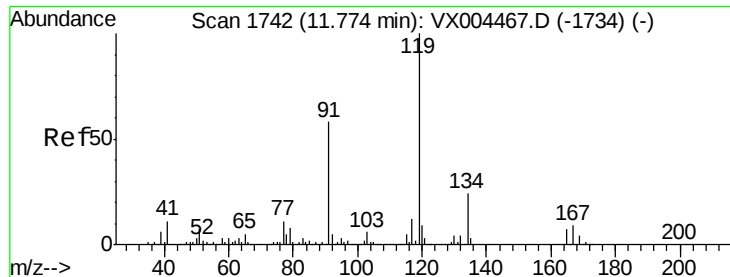
126 31.9 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 57.99 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampled :

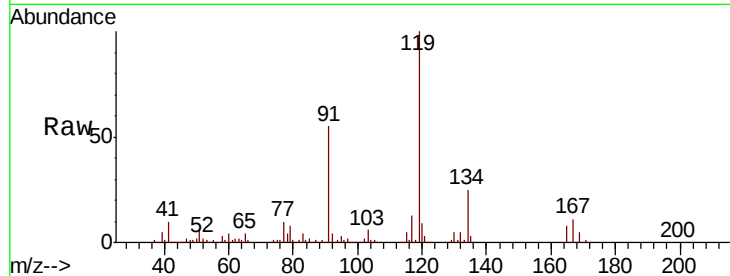
Tot Ion:119 Resp: 586192

Ion Ratio Lower Upper

119 100

91 55.7 27.0 81.0

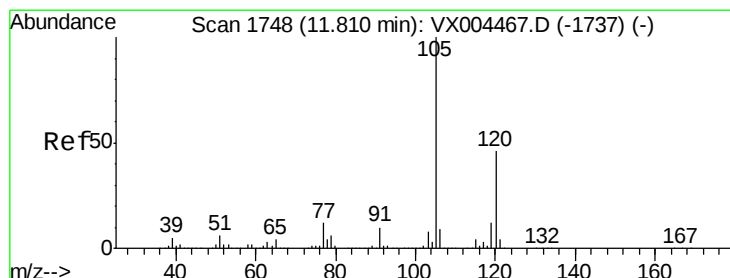
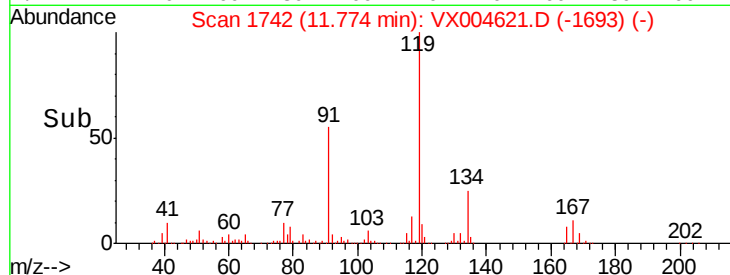
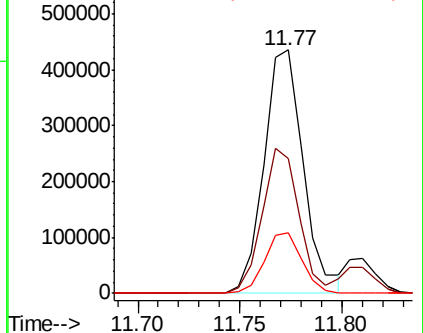
134 23.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 57.27 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004621.D

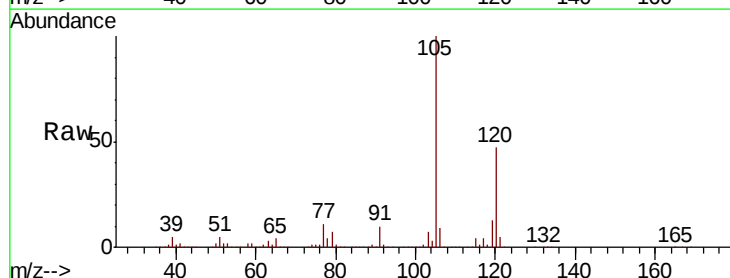
Acq: 17 Sep 2018 15:47

Tgt Ion:105 Resp: 620756

Ion Ratio Lower Upper

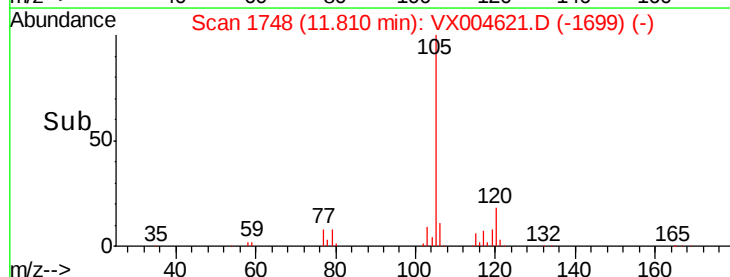
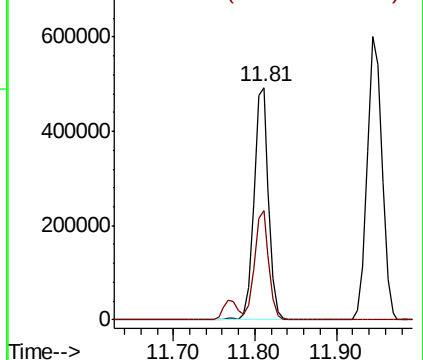
105 100

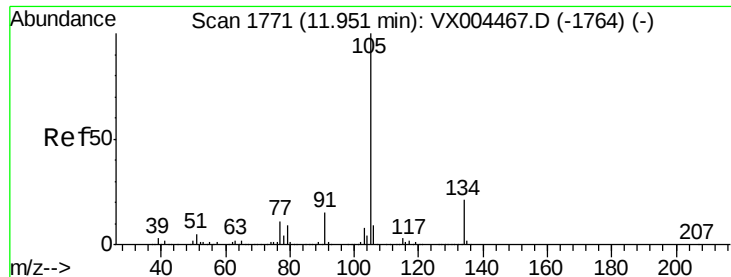
120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 57.65 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

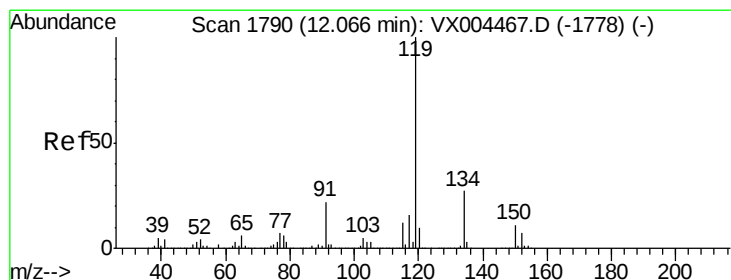
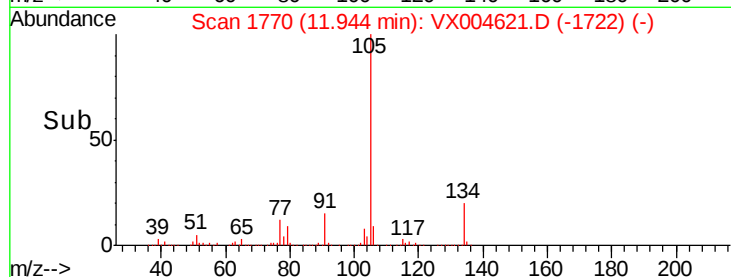
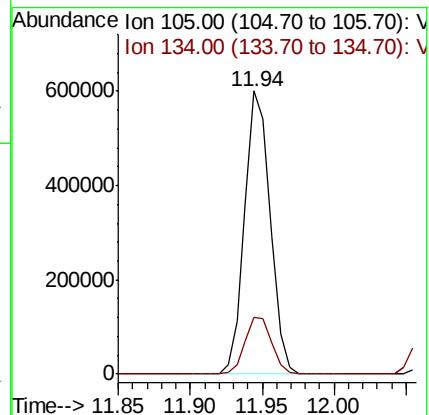
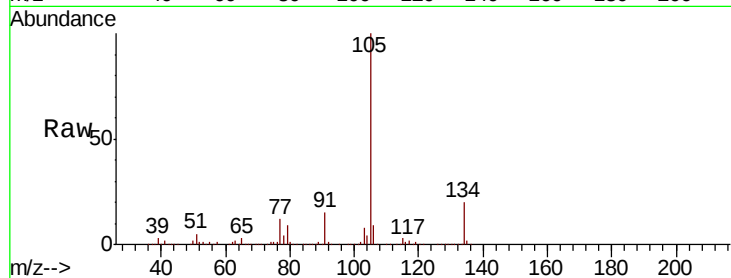
ClientSampleId :

Tot Ion:105 Resp: 742583

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



#86

p-Isopropyltoluene

Concen: 59.30 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

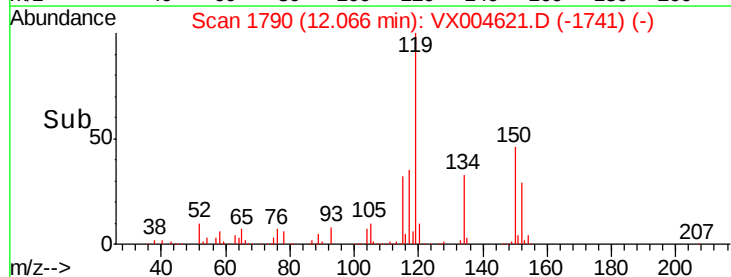
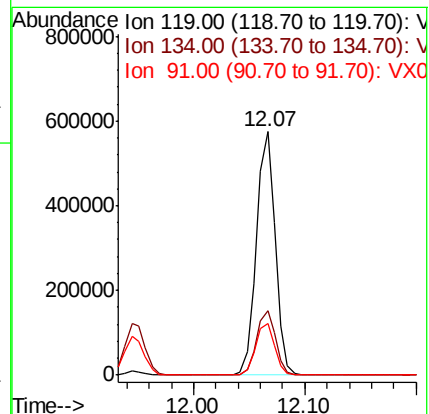
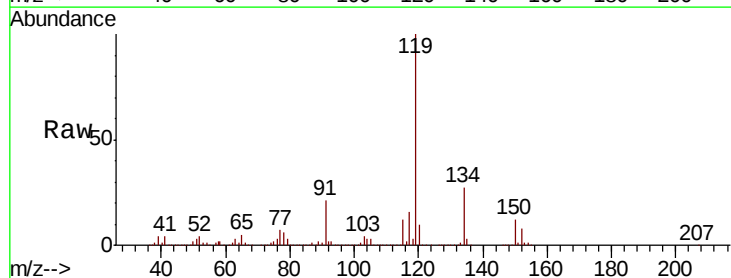
Tgt Ion:119 Resp: 674472

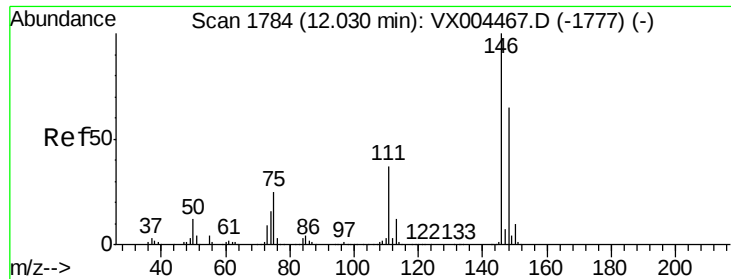
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 21.7 10.9 32.7

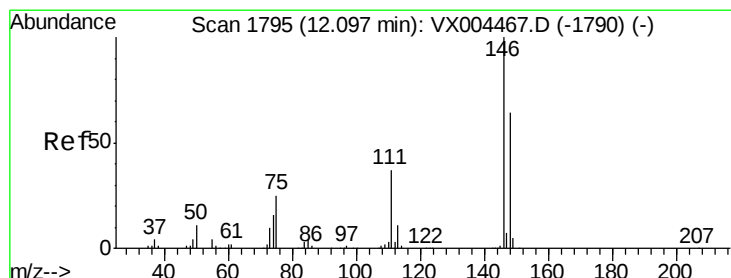
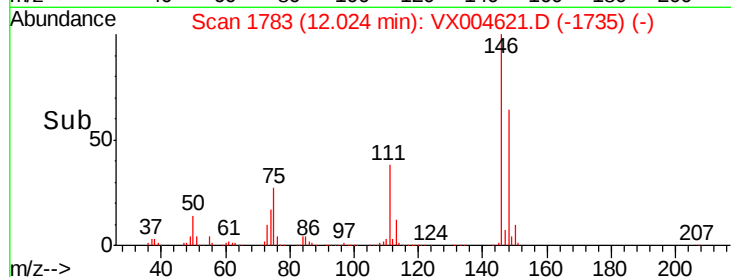
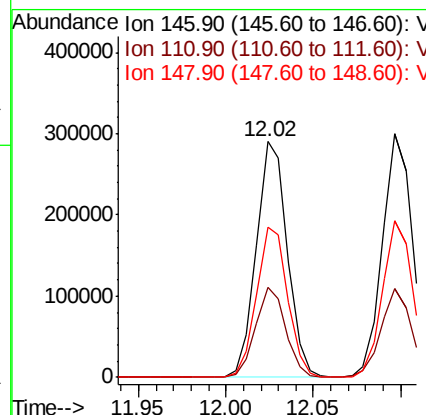
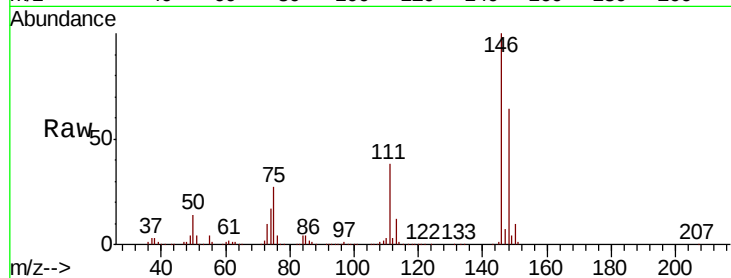




#87
 1,3-Dichlorobenzene
 Concen: 54.83 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

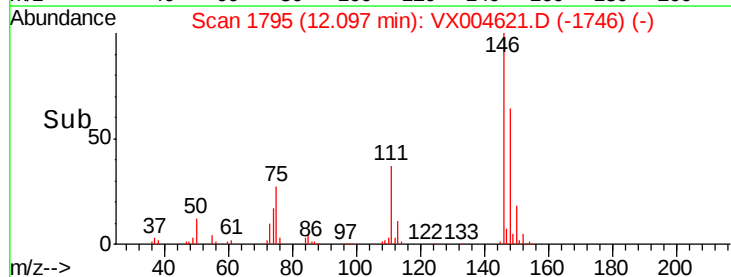
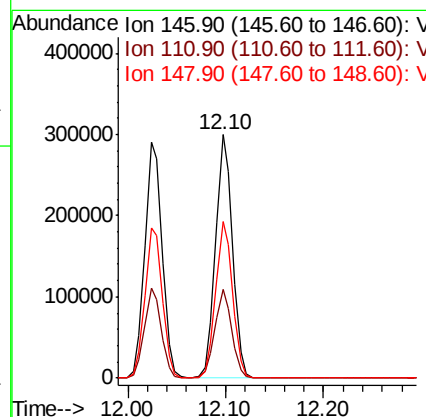
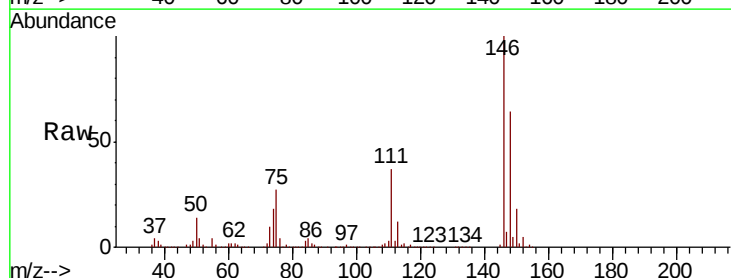
Instrument :
 MSVOA_X
 ClientSampleId :

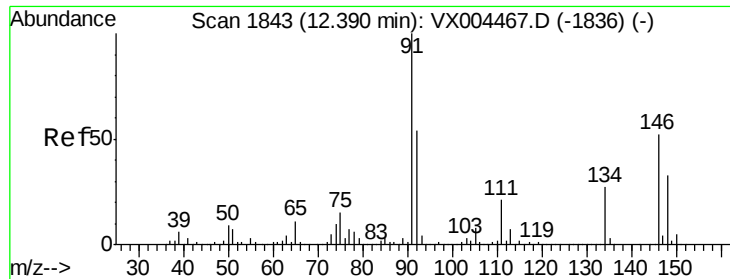
Tot Ion:146 Resp: 357094
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.63 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion:146 Resp: 360932
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 64.2 32.0 96.0

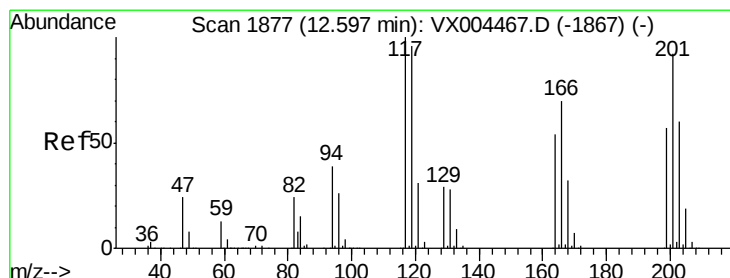
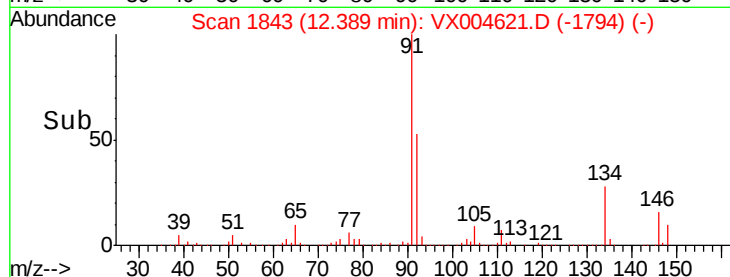
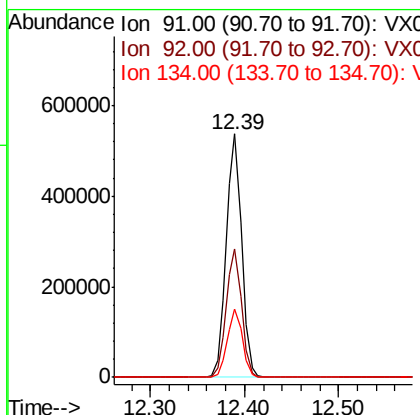
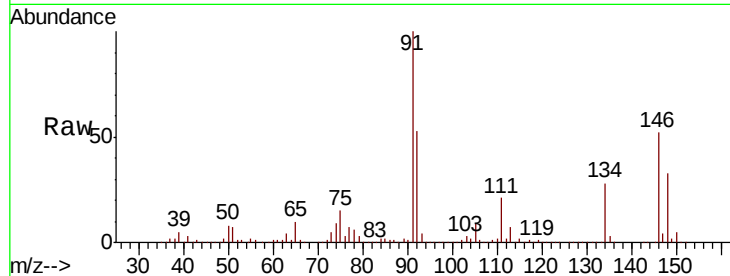




#89
n-Butylbenzene
Concen: 58.67 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

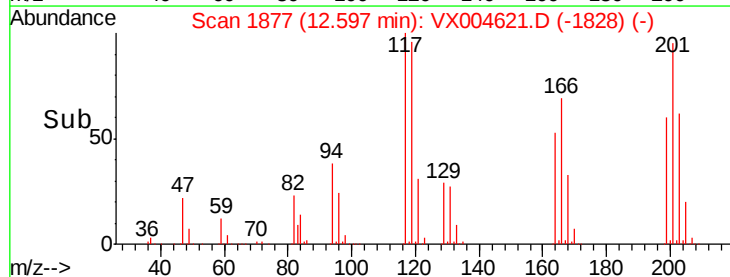
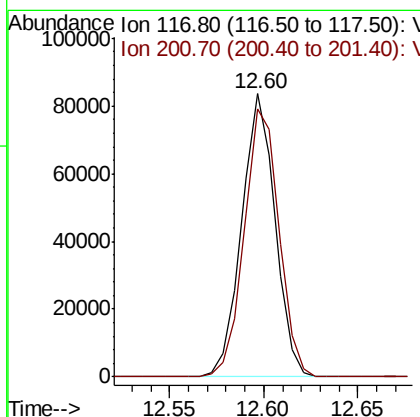
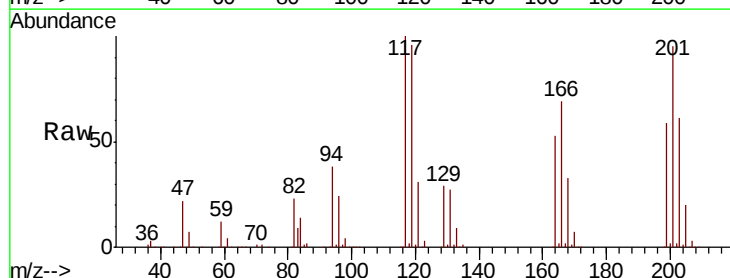
Instrument :
MSVOA_X
ClientSampleId :

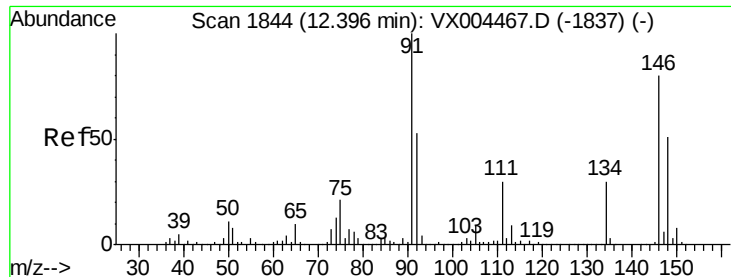
Tot Ion: 91 Resp: 608123
Ion Ratio Lower Upper
91 100
92 52.7 27.3 81.9
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 56.48 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004621.D
Acq: 17 Sep 2018 15:47

Tgt Ion: 117 Resp: 102852
Ion Ratio Lower Upper
117 100
201 98.3 46.9 140.6

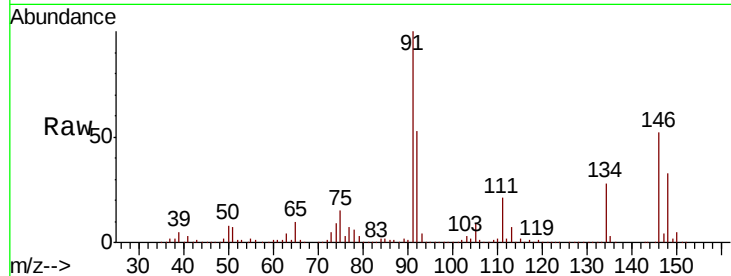




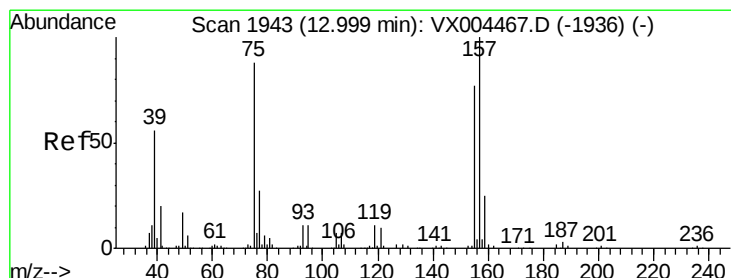
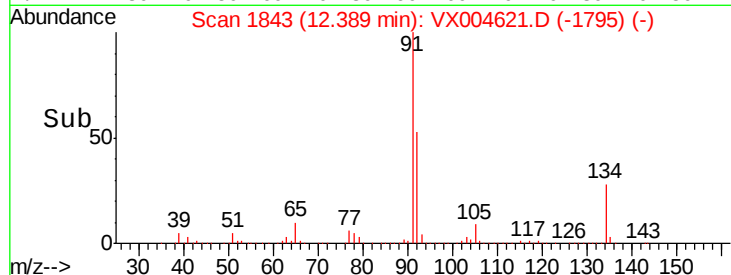
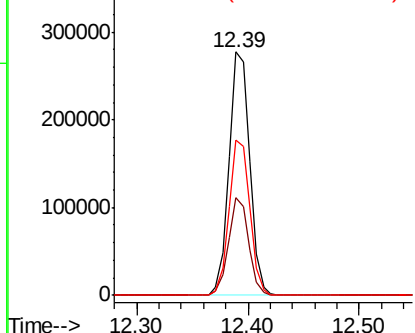
#91
 1,2-Dichlorobenzene
 Concen: 53.90 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	64.3	32.8	98.3

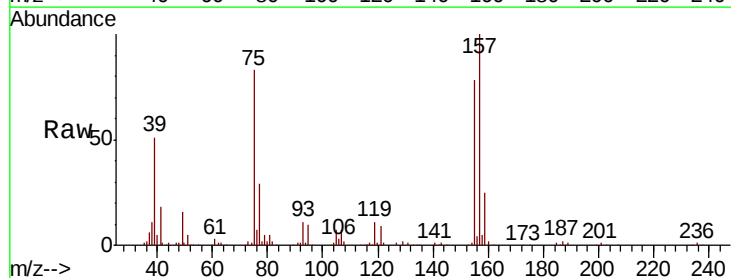


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

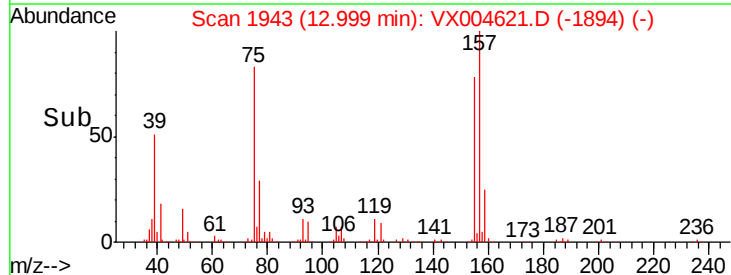
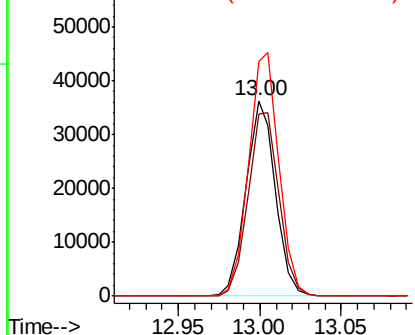


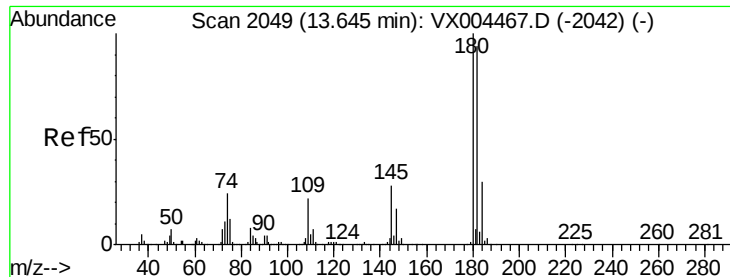
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.28 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	48.0	144.2
157	128.5	61.4	184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

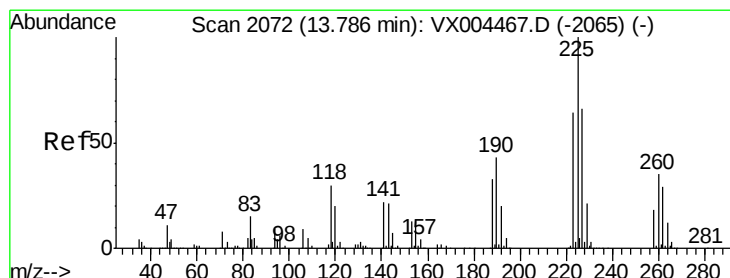
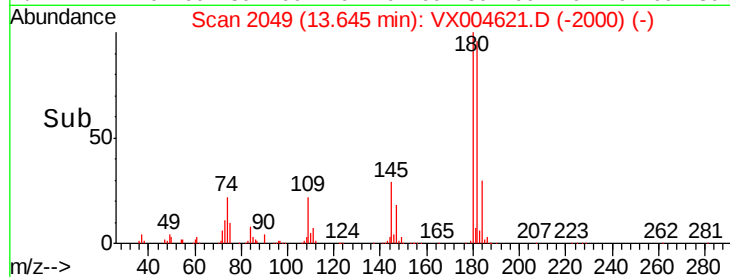
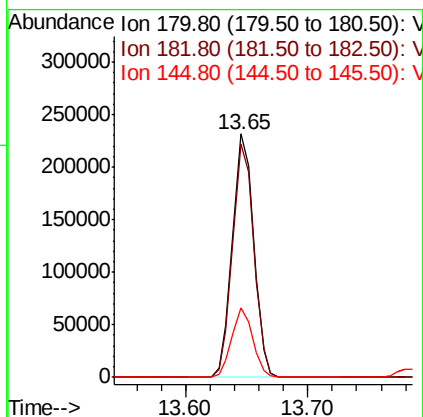
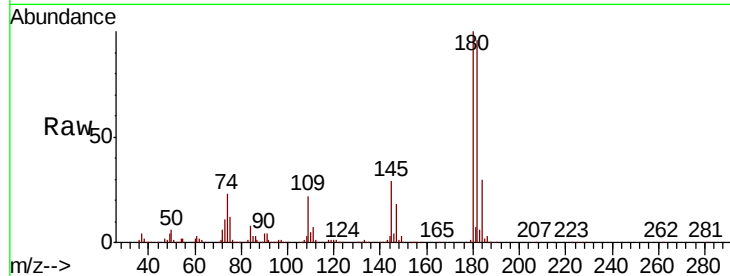




#93
 1,2,4-Trichlorobenzene
 Concen: 59.48 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

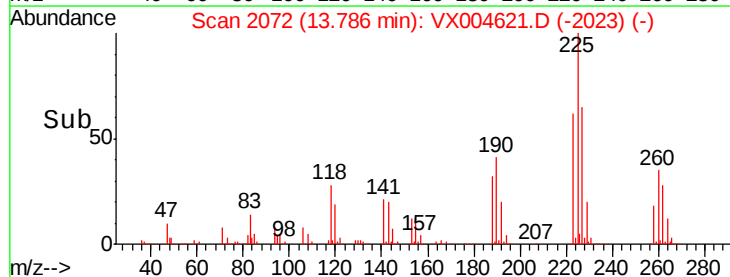
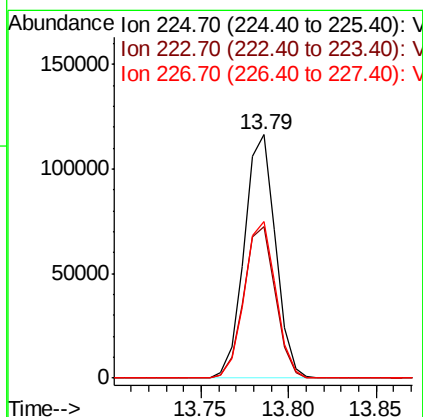
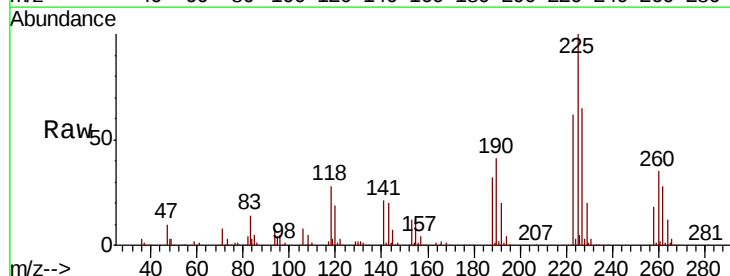
Instrument :
 MSVOA_X
 ClientSampleId :

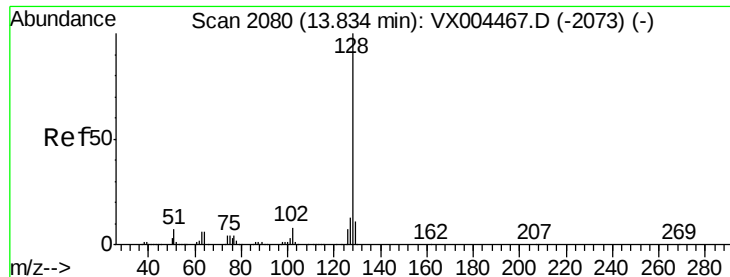
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.0
145	28.0	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 59.24 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004621.D
 Acq: 17 Sep 2018 15:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.1	90.5
227	64.5	30.8	92.4





#95

Naphthalene

Concen: 57.69 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

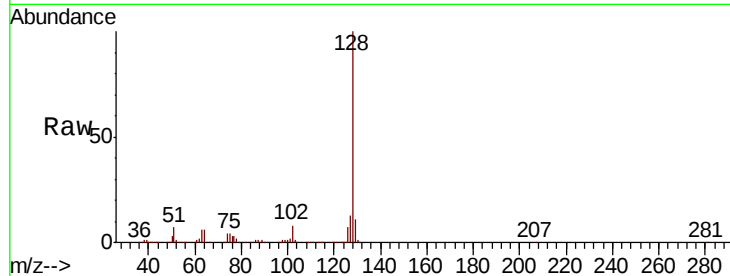
Tot Ion:128 Resp: 755281

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

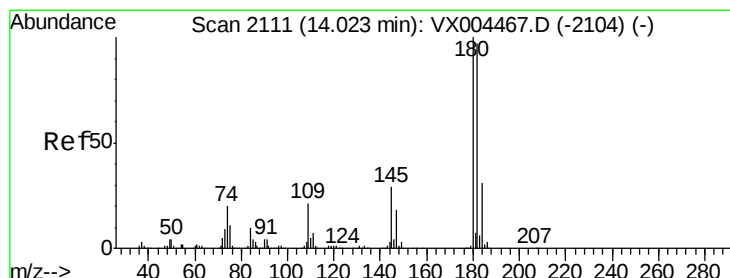
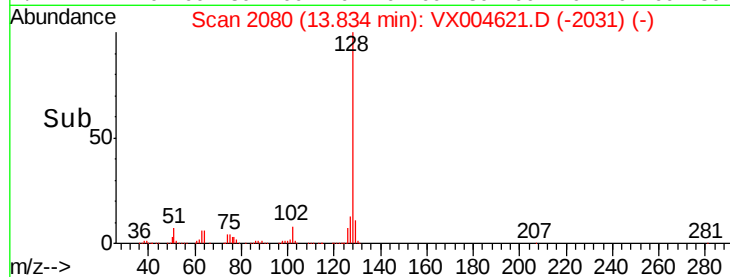
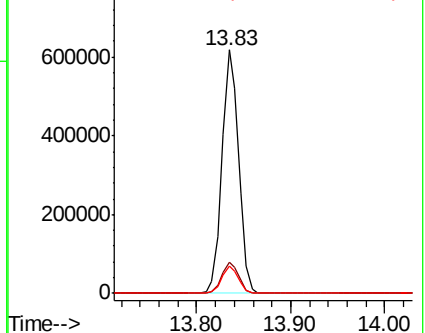
129 11.0 8.6 12.8



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: 57.37 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004621.D

Acq: 17 Sep 2018 15:47

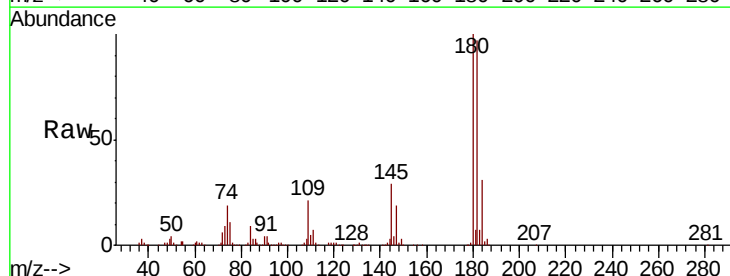
Tgt Ion:180 Resp: 275106

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.6

145 29.5 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

