

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004623.D
 Acq On : 17 Sep 2018 17:18
 Operator : JC/MD
 Sample : VX0917WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 00:53:48 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	5.66	168	271291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191470	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	159126	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
35) Dibromofluoromethane	5.49	113	136487	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
50) Toluene-d8	8.71	98	480500	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.14	95	173884	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	48464	19.06	ug/l	94
3) Chloromethane	1.32	50	60307	17.23	ug/l	96
4) Vinyl Chloride	1.40	62	61312	17.07	ug/l	100
5) Bromomethane	1.64	94	31581	20.30	ug/l	95
6) Chloroethane	1.72	64	37862	16.30	ug/l	94
7) Trichlorofluoromethane	1.93	101	83090	17.45	ug/l	98
8) Diethyl Ether	2.18	74	37447	17.54	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55495	18.37	ug/l	99
10) Methyl Iodide	2.51	142	42228	14.96	ug/l	95
11) Tert butyl alcohol	3.06	59	72397	86.74	ug/l	100
12) 1,1-Dichloroethene	2.37	96	50802	17.92	ug/l	98
13) Acrolein	2.29	56	21601	65.56	ug/l	90
14) Allyl chloride	2.73	41	102745	17.63	ug/l	95
15) Acrylonitrile	3.15	53	175528	87.33	ug/l	98
16) Acetone	2.44	43	155063	90.82	ug/l	97
17) Carbon Disulfide	2.57	76	136529	16.66	ug/l	99
18) Methyl Acetate	2.78	43	83619	17.46	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	175471	17.64	ug/l	98
20) Methylene Chloride	2.85	84	61545	17.57	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	57909	18.49	ug/l	96
22) Diisopropyl ether	3.87	45	186133	17.73	ug/l	98
23) Vinyl Acetate	3.82	43	756947	89.12	ug/l	97
24) 1,1-Dichloroethane	3.70	63	104772	17.68	ug/l	99
25) 2-Butanone	4.70	43	226345	83.30	ug/l	97
26) 2,2-Dichloropropane	4.57	77	79778	19.60	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	64233	18.37	ug/l	99
28) Bromochloromethane	5.01	49	48184	17.78	ug/l	95
29) Tetrahydrofuran	5.15	42	139060	84.86	ug/l	98
30) Chloroform	5.21	83	106681	18.44	ug/l	85
31) Cyclohexane	5.57	56	95051	18.78	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	89696	19.25	ug/l	97
36) 1,1-Dichloropropene	5.79	75	79167	19.87	ug/l	100
37) Ethyl Acetate	4.85	43	82807	18.27	ug/l	100
38) Carbon Tetrachloride	5.78	117	76050	19.54	ug/l	95

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 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 00:53:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84569	20.34	ug/l	91
40) Benzene	6.15	78	243547	20.60	ug/l	97
41) Methacrylonitrile	5.06	41	46406	18.58	ug/l	98
42) 1,2-Dichloroethane	6.20	62	78220	19.95	ug/l	100
43) Isopropyl Acetate	6.46	43	116913	19.42	ug/l	99
44) Trichloroethene	7.21	130	60789	19.79	ug/l	94
45) 1,2-Dichloropropane	7.52	63	56941	20.01	ug/l	98
46) Dibromomethane	7.66	93	36387	20.24	ug/l	98
47) Bromodichloromethane	7.90	83	67048	19.73	ug/l	97
48) Methyl methacrylate	7.77	41	56559	18.98	ug/l	96
49) 1,4-Dioxane	7.75	88	27580	391.14	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	370009	87.10	ug/l	99
52) Toluene	8.79	92	135091	19.39	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74388	18.73	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	81993	20.26	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	54490	18.17	ug/l	98
56) Ethyl methacrylate	9.18	69	76406	18.01	ug/l	98
57) 1,3-Dichloropropane	9.37	76	90035	18.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	194754	94.73	ug/l	96
59) 2-Hexanone	9.49	43	284089	87.18	ug/l	98
60) Dibromochloromethane	9.59	129	54977	19.47	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55703	19.44	ug/l	99
64) Tetrachloroethene	9.34	164	68512	17.56	ug/l	98
65) Chlorobenzene	10.14	112	153105	19.72	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	53106	19.84	ug/l	100
67) Ethyl Benzene	10.25	91	251687	19.94	ug/l	97
68) m/p-Xylenes	10.36	106	200206	41.17	ug/l	98
69) o-Xylene	10.70	106	95552	20.44	ug/l	99
70) Styrene	10.71	104	158940	20.52	ug/l	98
71) Bromoform	10.86	173	41776	19.01	ug/l #	99
73) Isopropylbenzene	11.02	105	260682	20.67	ug/l	100
74) N-amyl acetate	10.90	43	97725	18.41	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	77083	18.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	91532	23.76	ug/l	88
77) Bromobenzene	11.26	156	69433	19.92	ug/l	100
78) n-propylbenzene	11.36	91	300035	20.69	ug/l	100
79) 2-Chlorotoluene	11.42	91	177910	20.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	220420	20.79	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23519	19.46	ug/l	97
82) 4-Chlorotoluene	11.51	91	206581	20.13	ug/l	98
83) tert-Butylbenzene	11.77	119	210067	20.81	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	226346	20.91	ug/l	99
85) sec-Butylbenzene	11.94	105	266673	20.74	ug/l	99
86) p-Isopropyltoluene	12.07	119	241305	21.25	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	131073	20.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	131044	19.50	ug/l	98
89) n-Butylbenzene	12.39	91	206204	19.92	ug/l	98
90) Hexachloroethane	12.60	117	35908	19.75	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	130495	19.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16248	18.71	ug/l	95

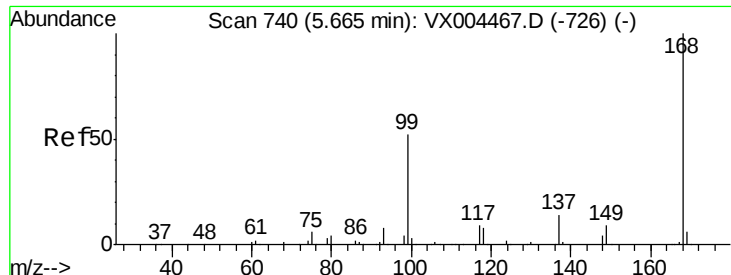
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96740	20.76	ug/l	98
94) Hexachlorobutadiene	13.79	225	50271	20.65	ug/l	98
95) Naphthalene	13.83	128	262097	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96878	20.23	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

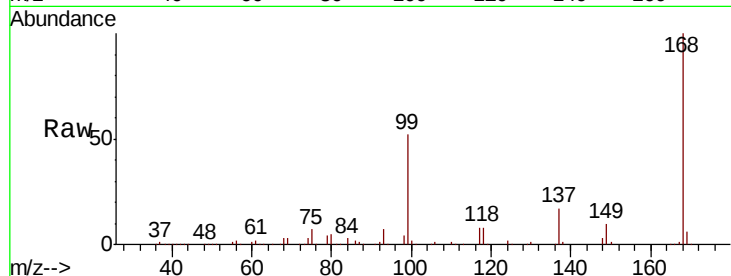
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 271291

Ion Ratio Lower Upper

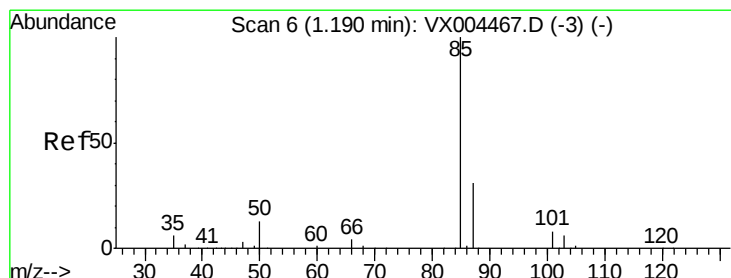
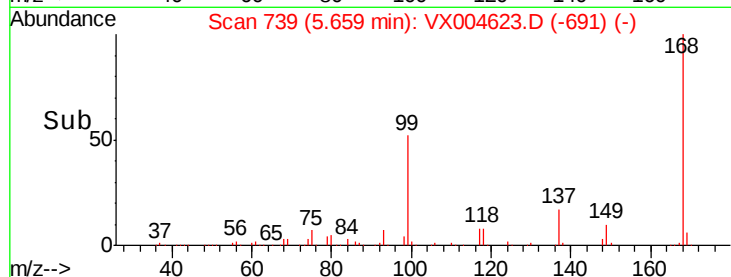
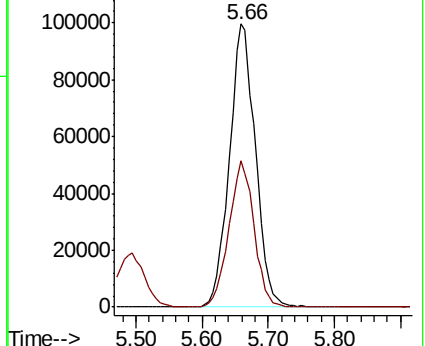
168 100

99 51.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.06 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004623.D

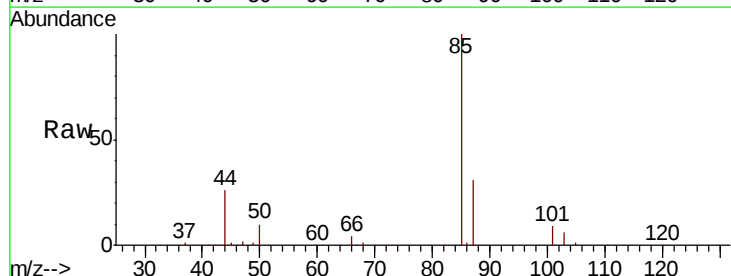
Acq: 17 Sep 2018 17:18

Tgt Ion: 85 Resp: 48464

Ion Ratio Lower Upper

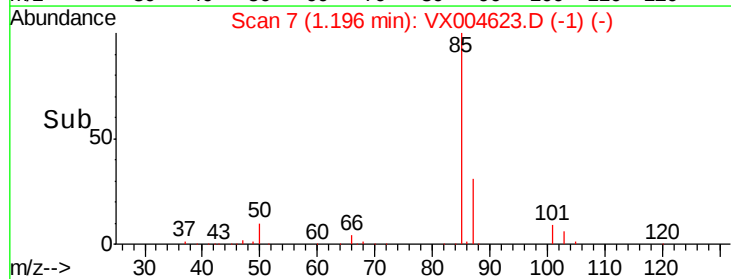
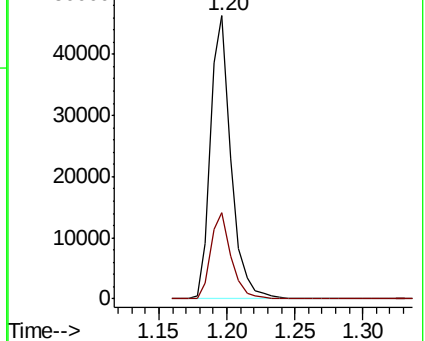
85 100

87 30.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.23 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

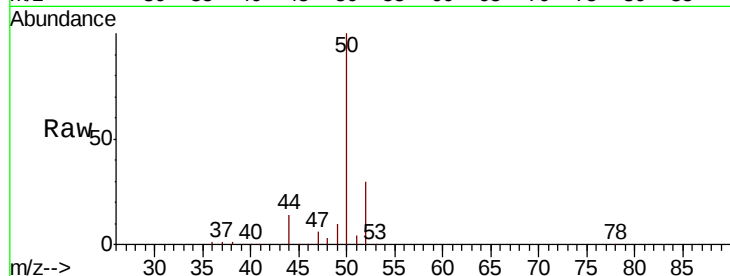
ClientSampleId :

Tot Ion: 50 Resp: 60307

Ion Ratio Lower Upper

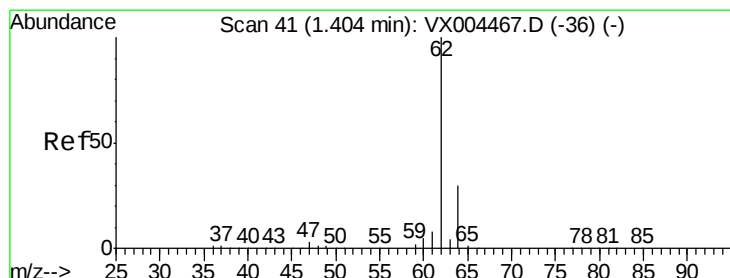
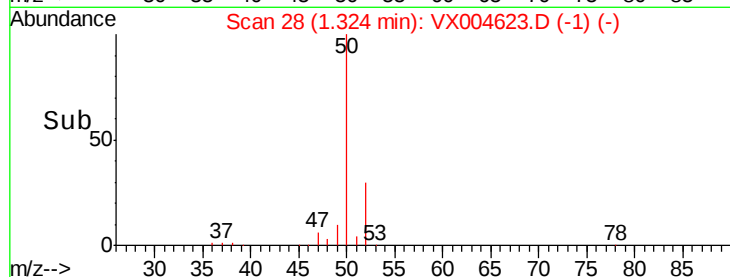
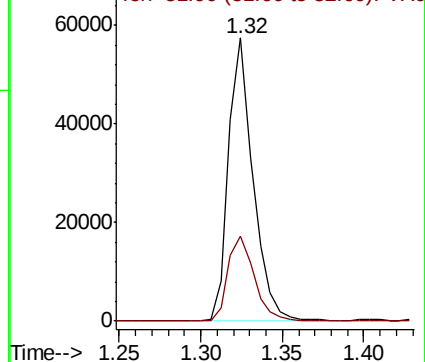
50 100

52 30.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.07 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004623.D

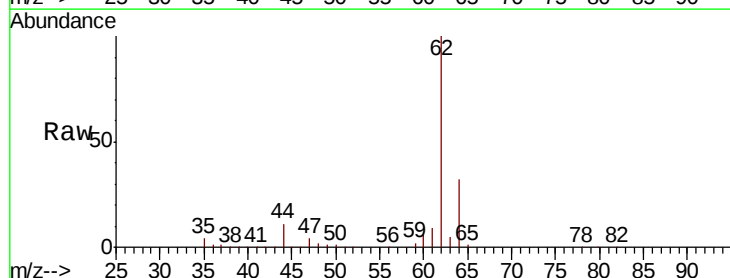
Acq: 17 Sep 2018 17:18

Tgt Ion: 62 Resp: 61312

Ion Ratio Lower Upper

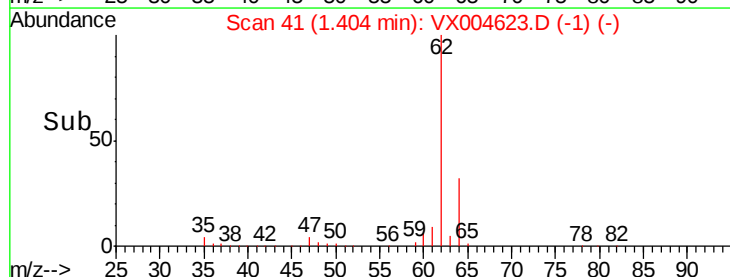
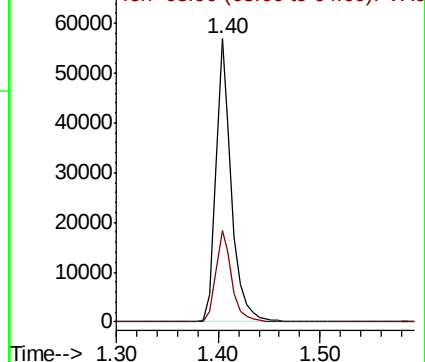
62 100

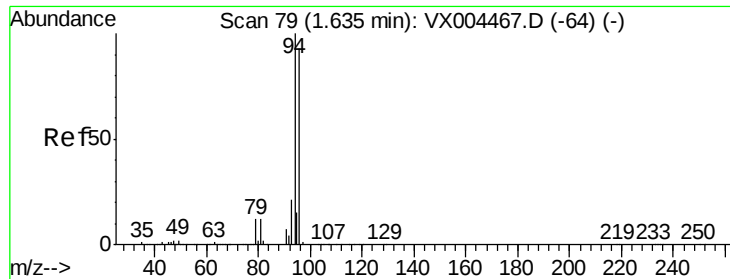
64 32.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.30 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

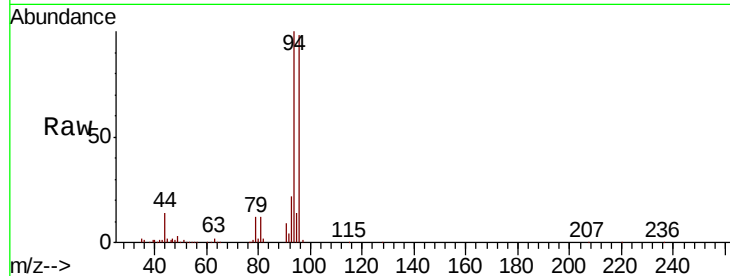
ClientSampleId :

Tot Ion: 94 Resp: 31581

Ion Ratio Lower Upper

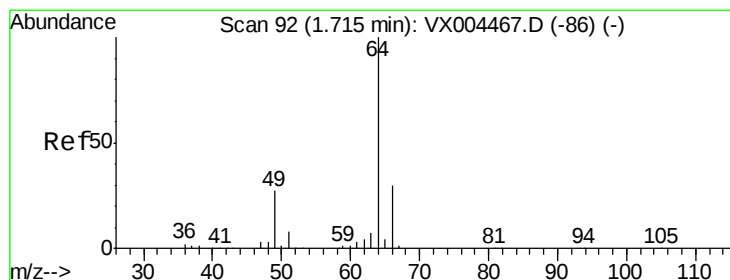
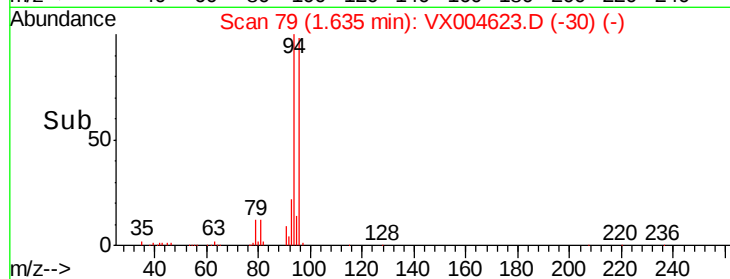
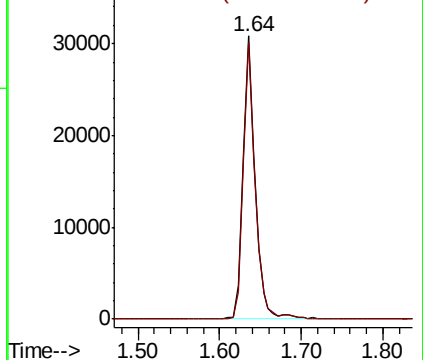
94 100

96 97.7 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: 16.30 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004623.D

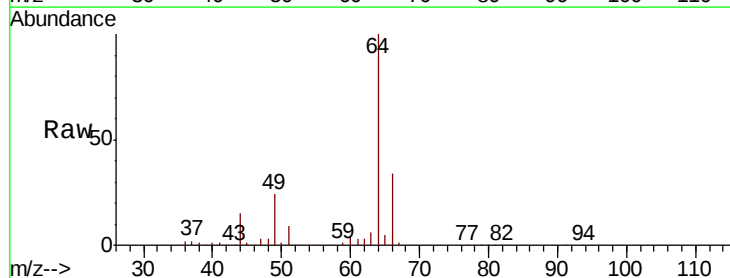
Acq: 17 Sep 2018 17:18

Tgt Ion: 64 Resp: 37862

Ion Ratio Lower Upper

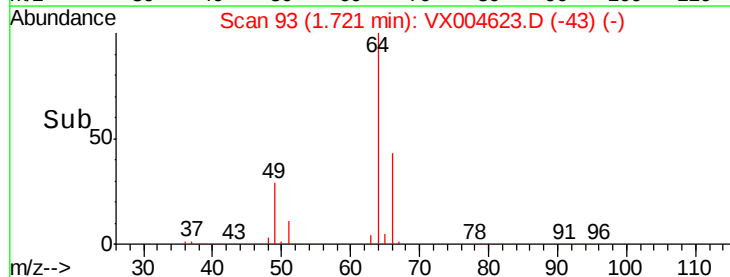
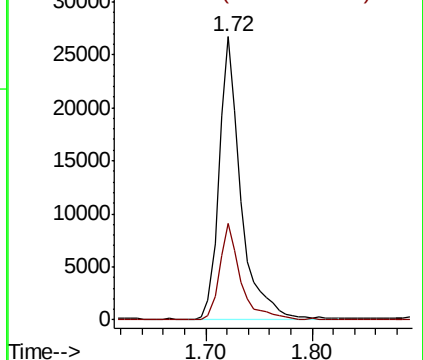
64 100

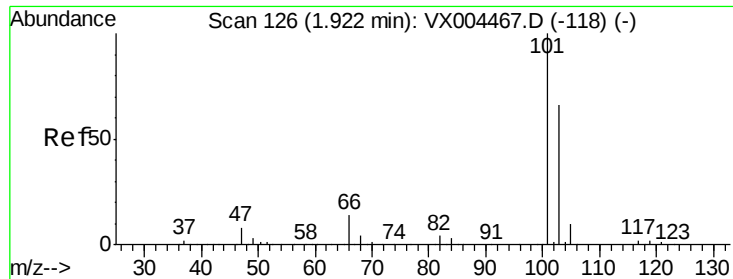
66 34.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



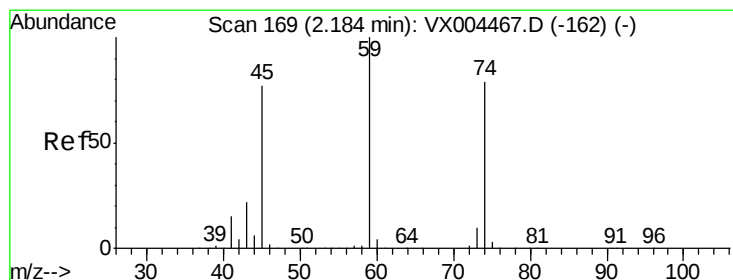
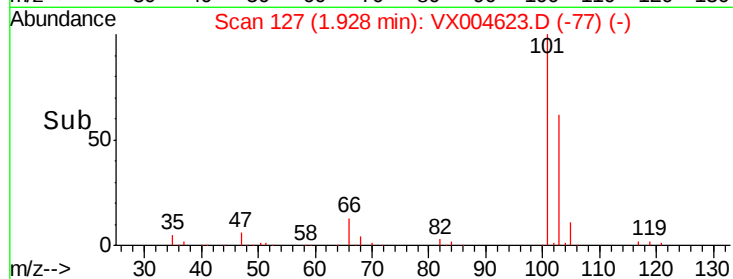
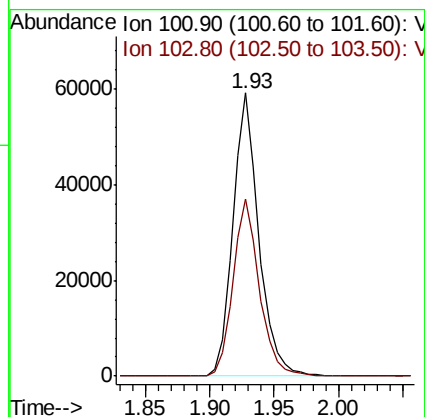
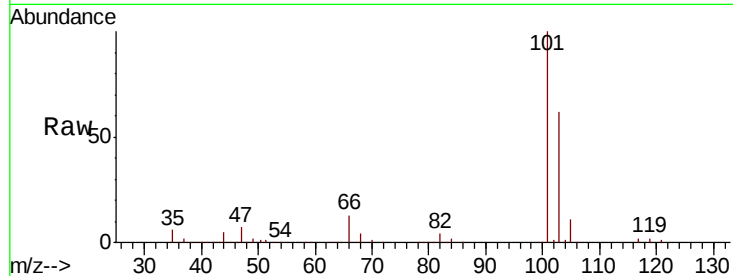


#7

Trichlorofluoromethane
 Concen: 17.45 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :

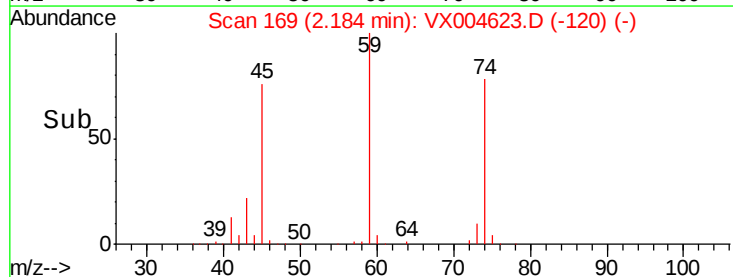
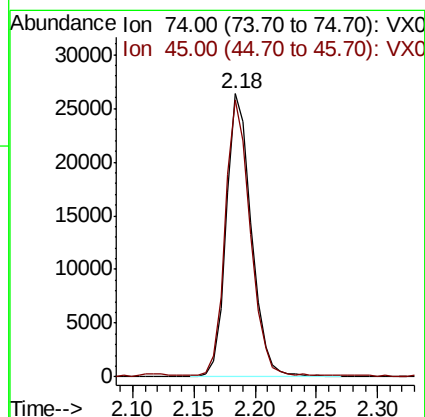
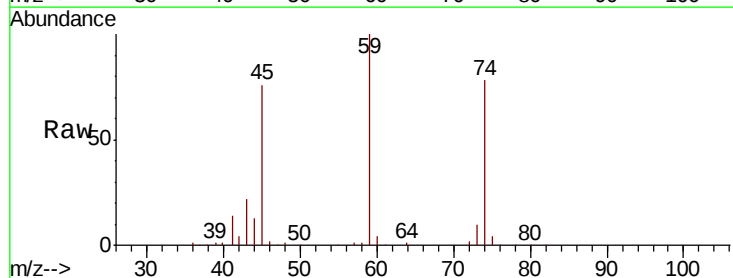
Tot Ion:101 Resp: 83090
 Ion Ratio Lower Upper
 101 100
 103 62.4 48.9 73.3



#8

Diethyl Ether
 Concen: 17.54 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Tgt Ion: 74 Resp: 37447
 Ion Ratio Lower Upper
 74 100
 45 97.0 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.37 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

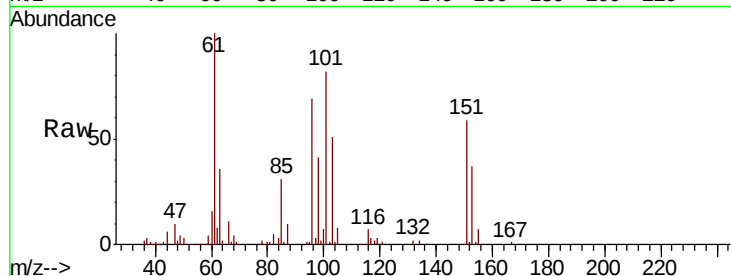
Tot Ion:101 Resp: 55495

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.4

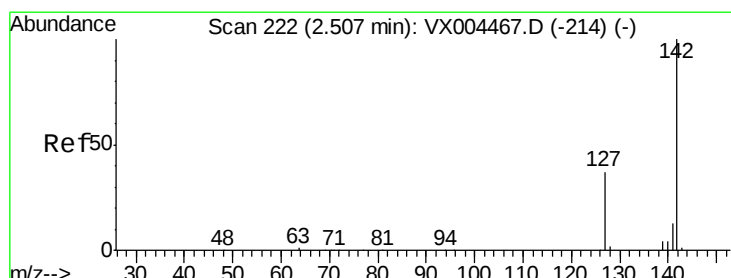
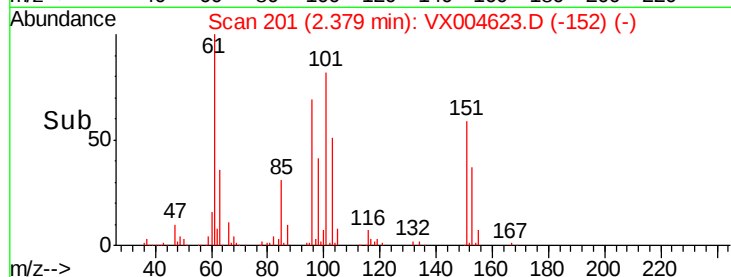
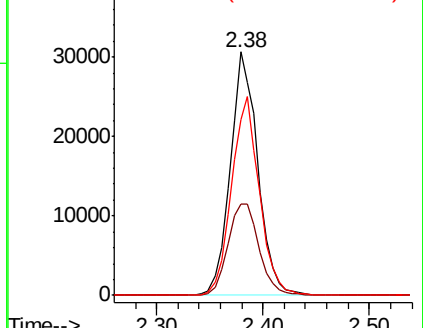
151 82.6 65.0 97.6



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: 14.96 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

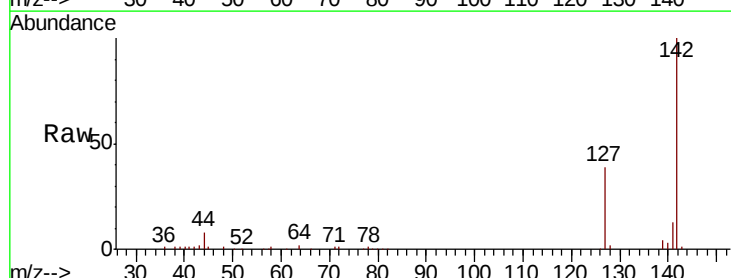
Tgt Ion:142 Resp: 42228

Ion Ratio Lower Upper

142 100

127 38.1 33.8 50.6

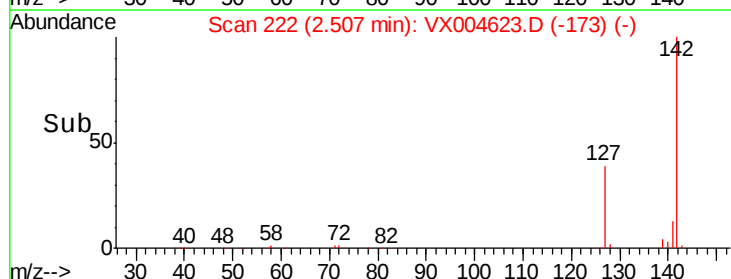
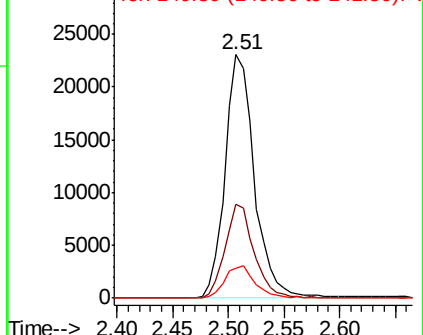
141 13.7 11.4 17.0

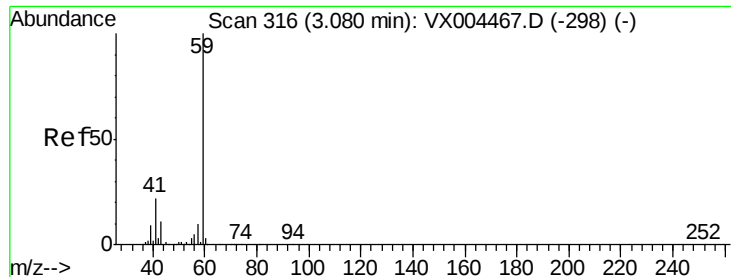


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



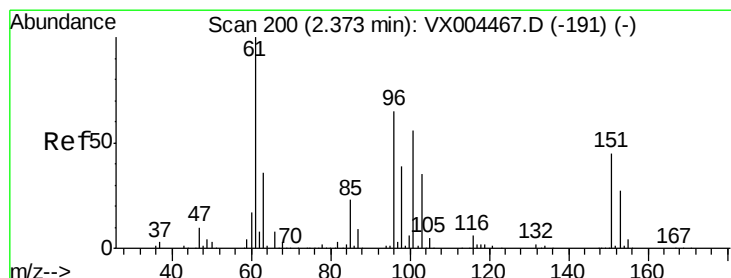
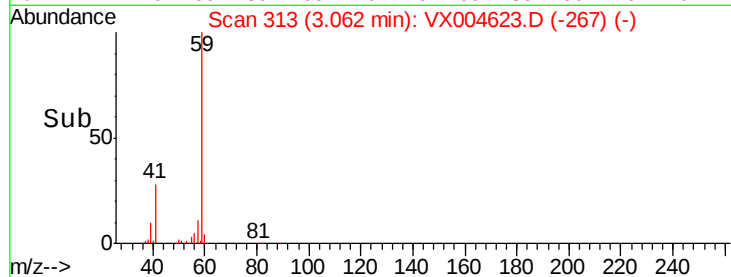
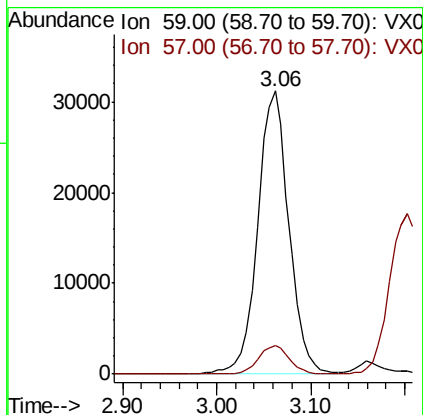
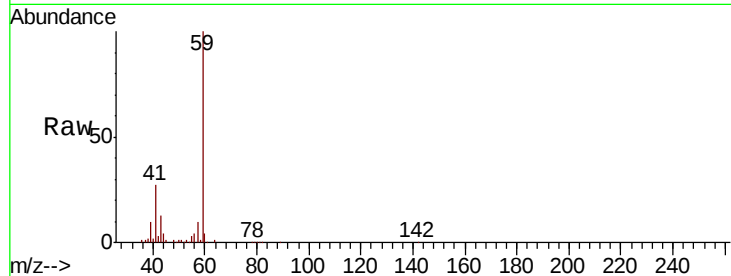


#11

Tert butyl alcohol
 Concen: 86.74 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :

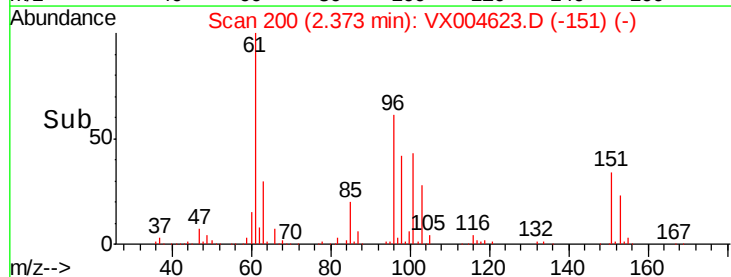
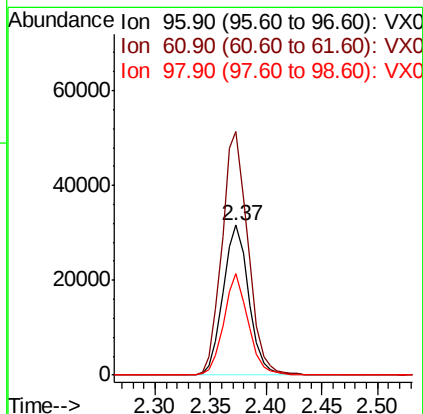
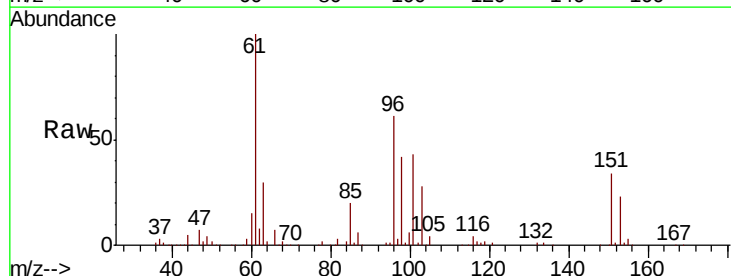
Tot Ion: 59 Resp: 72397
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

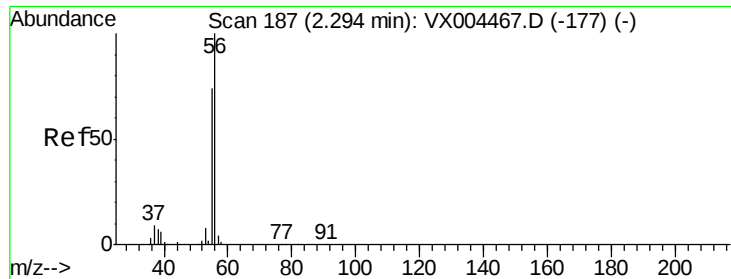


#12

1,1-Dichloroethene
 Concen: 17.92 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Tgt Ion: 96 Resp: 50802
 Ion Ratio Lower Upper
 96 100
 61 162.7 128.8 193.2
 98 68.0 52.2 78.2





#13

Acrolein

Concen: 65.56 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

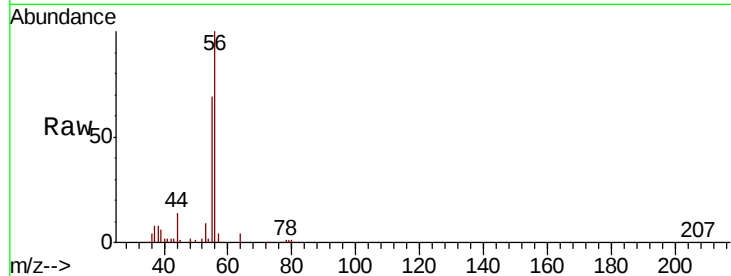
ClientSampleId :

Tot Ion: 56 Resp: 21601

Ion Ratio Lower Upper

56 100

55 76.1 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

15000

10000

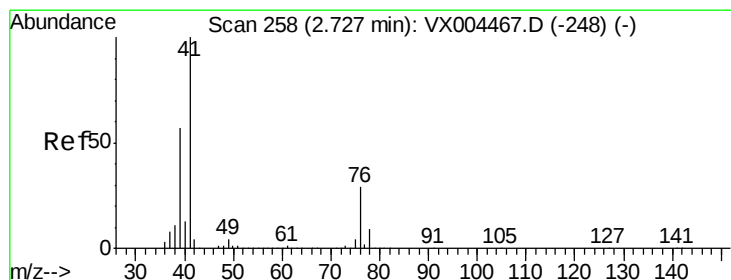
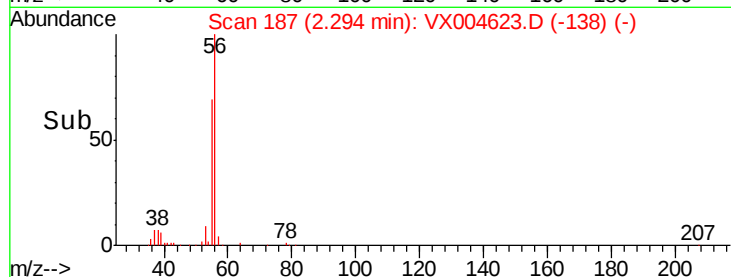
5000

0

2.29

2.20 2.30 2.40

Time-->



#14

Allyl chloride

Concen: 17.63 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

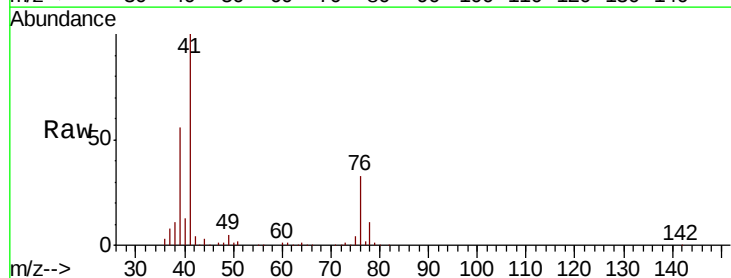
Tgt Ion: 41 Resp: 102745

Ion Ratio Lower Upper

41 100

39 56.2 48.9 73.3

76 31.2 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

40000

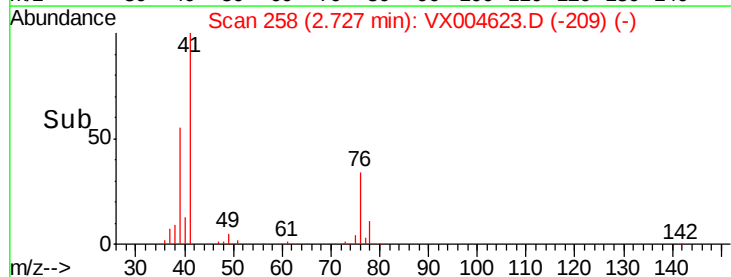
20000

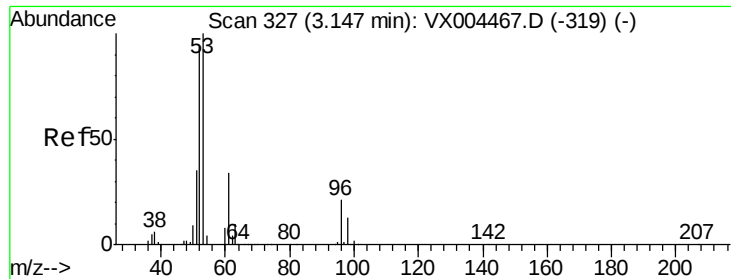
0

2.73

2.60 2.70 2.80

Time-->



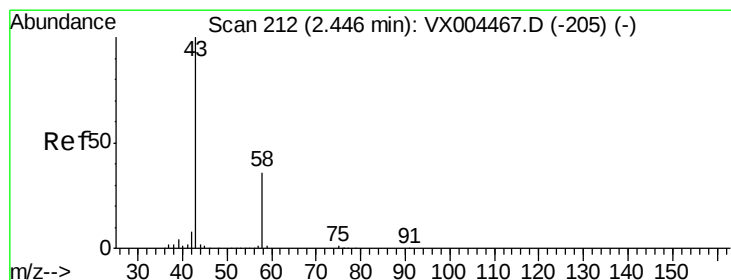
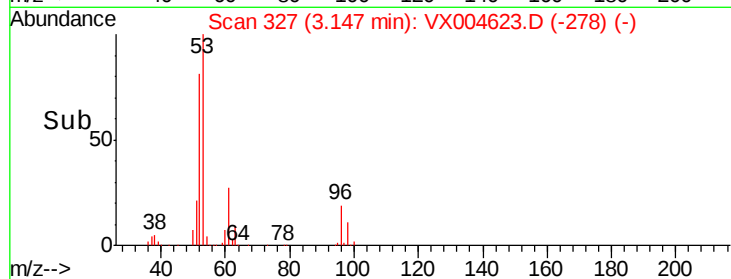
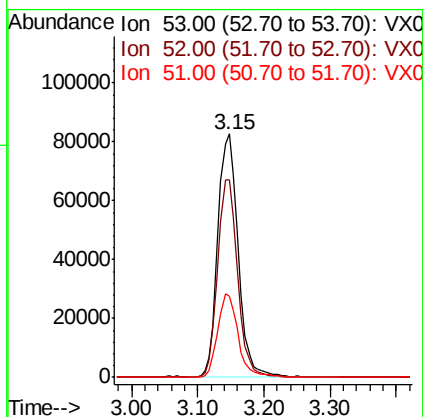
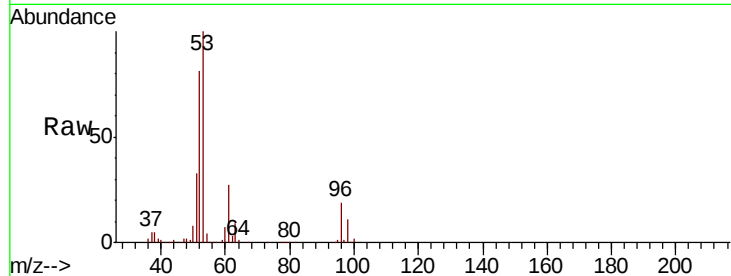


#15
 Acrylonitrile
 Concen: 87.33 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 53 Resp: 175528

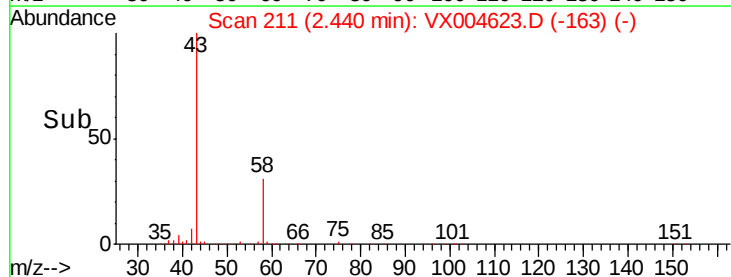
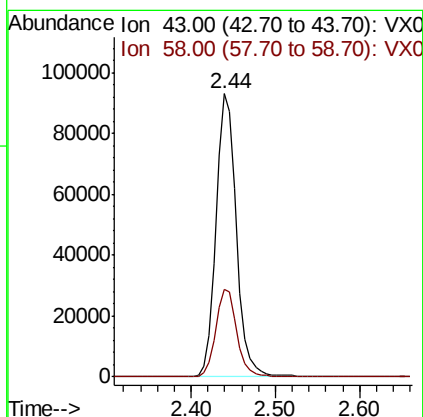
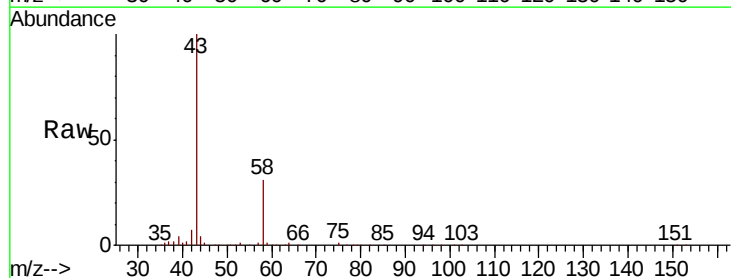
Ion	Ratio	Lower	Upper
53	100		
52	79.9	65.2	97.8
51	34.4	28.2	42.2

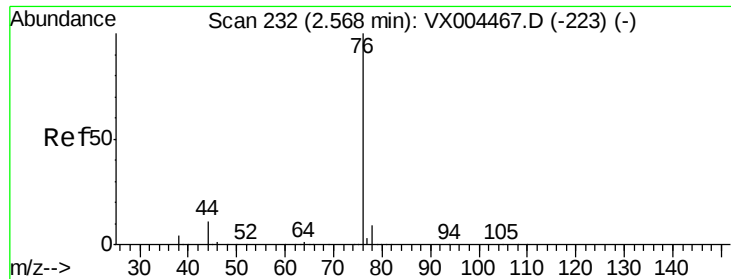


#16
 Acetone
 Concen: 90.82 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Tgt Ion: 43 Resp: 155063

Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.2	39.4

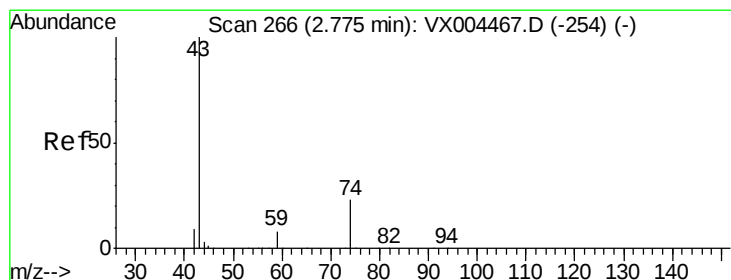
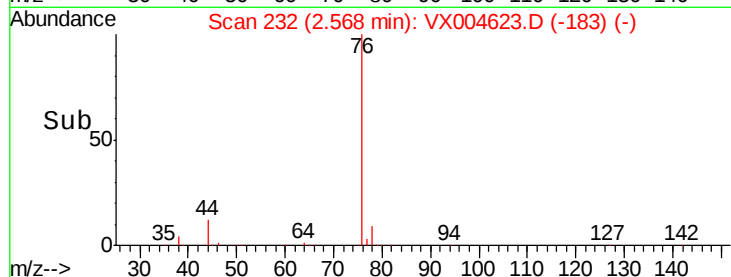
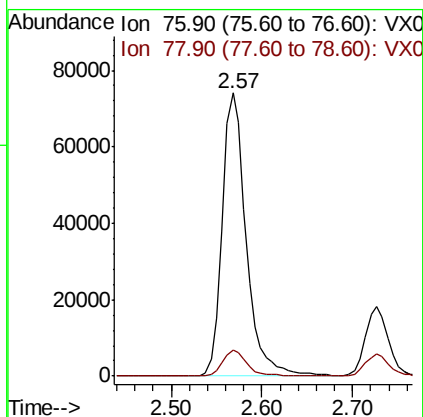
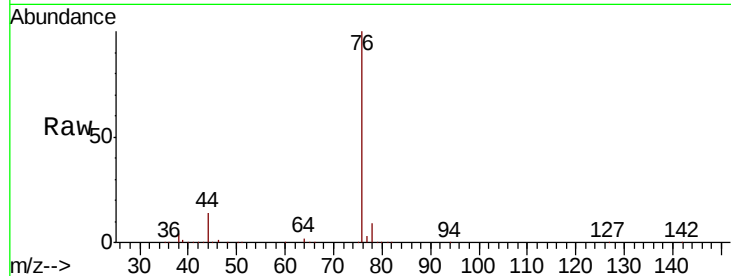




#17
Carbon Disulfide
Concen: 16.66 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

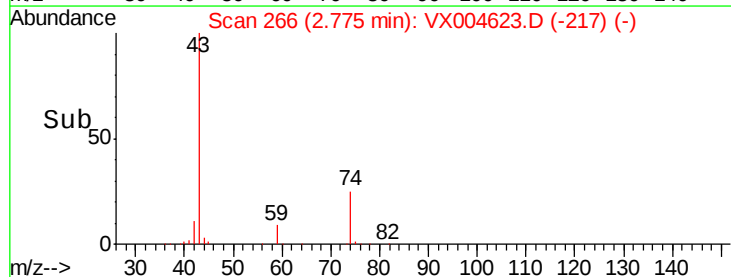
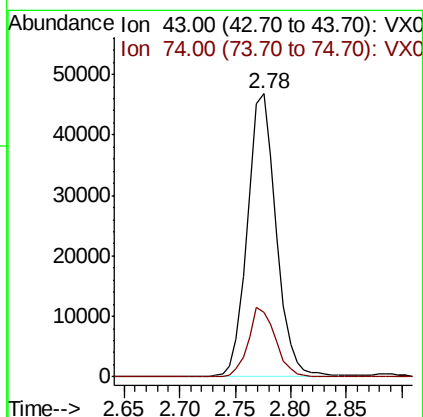
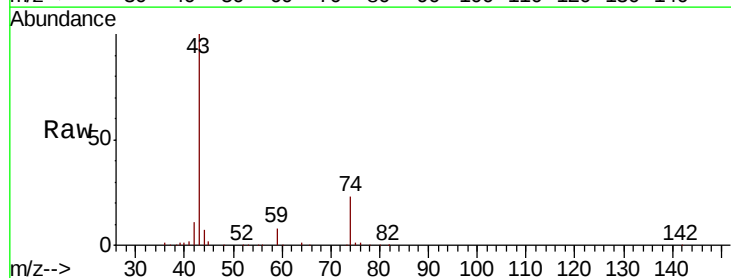
Instrument :
MSVOA_X
ClientSampleId :

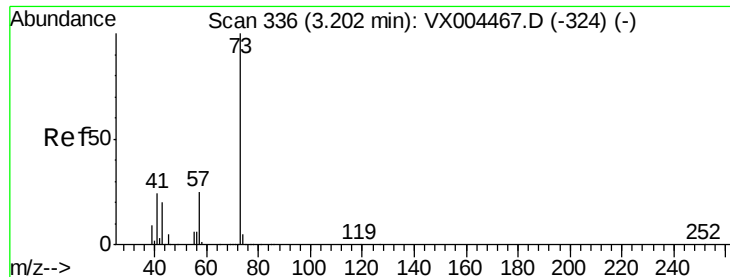
Tot Ion: 76 Resp: 136529
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 17.46 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 43 Resp: 83619
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2



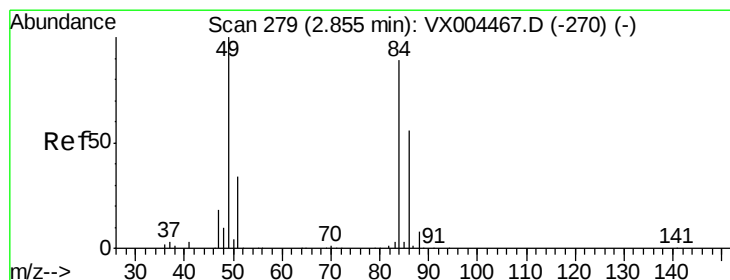
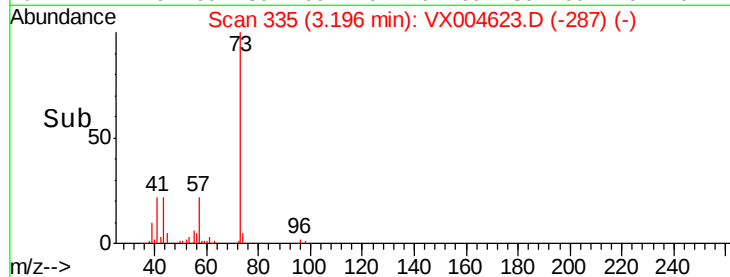
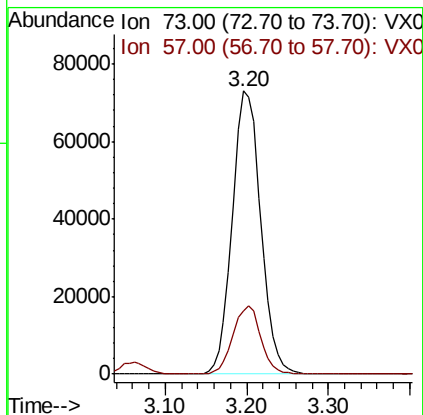
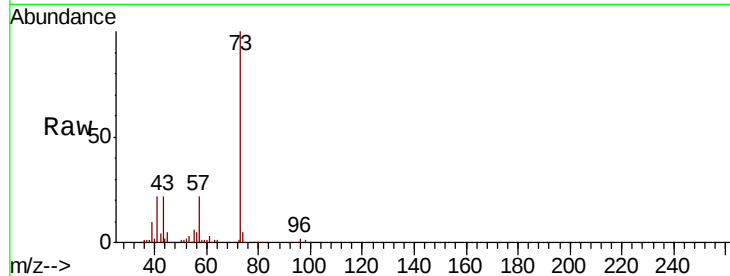


#19

Methyl tert-butyl Ether
 Concen: 17.64 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.01 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :

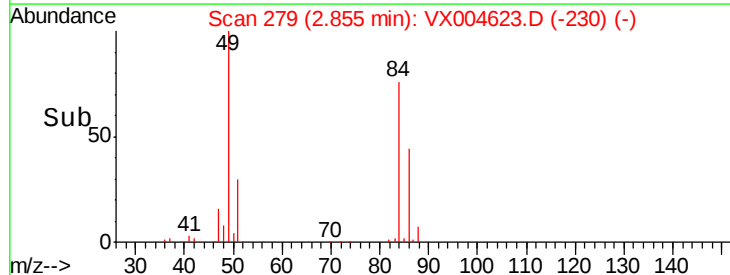
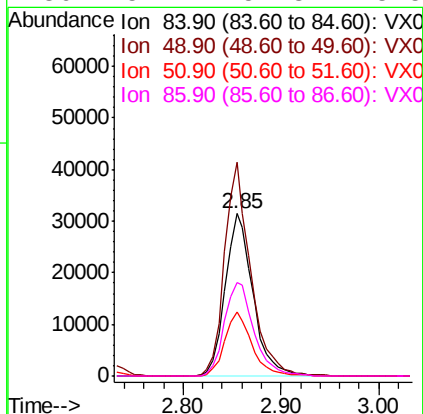
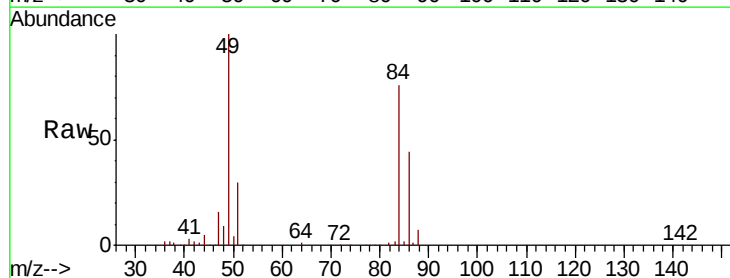
Tot Ion: 73 Resp: 175471
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.1 25.7



#20

Methylene Chloride
 Concen: 17.57 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Tgt Ion: 84 Resp: 61545
 Ion Ratio Lower Upper
 84 100
 49 131.5 101.2 151.8
 51 39.5 29.5 44.3
 86 57.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.49 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

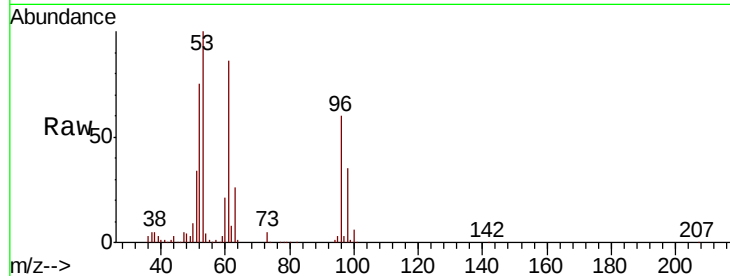
Tot Ion: 96 Resp: 57909

Ion Ratio Lower Upper

96 100

61 144.2 113.8 170.6

98 58.7 51.8 77.8

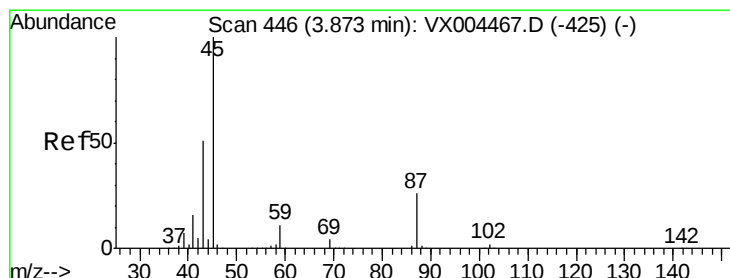
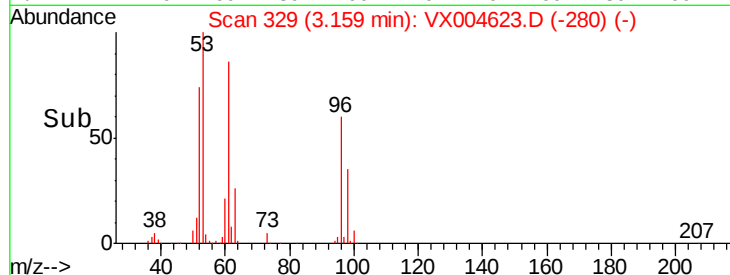
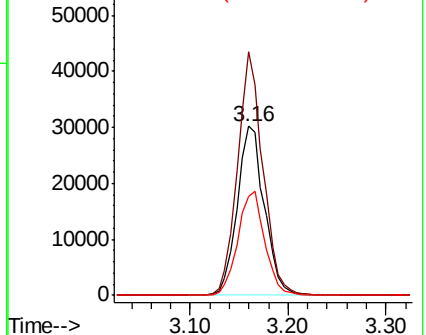


Abundance

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: 17.73 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Tgt Ion: 45 Resp: 186133

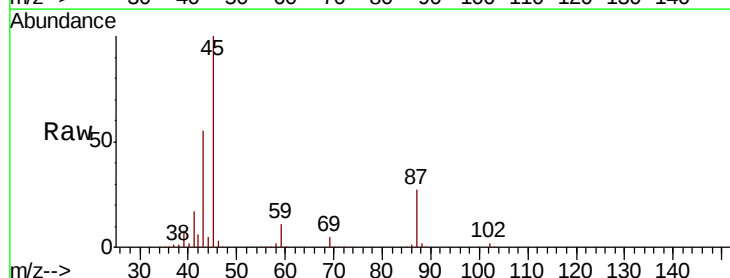
Ion Ratio Lower Upper

45 100

43 54.3 42.8 64.2

87 26.8 22.6 34.0

59 11.2 9.6 14.4



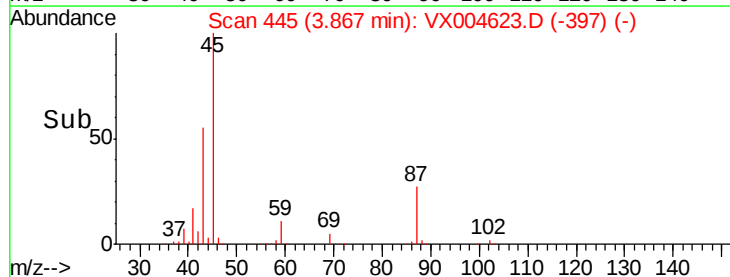
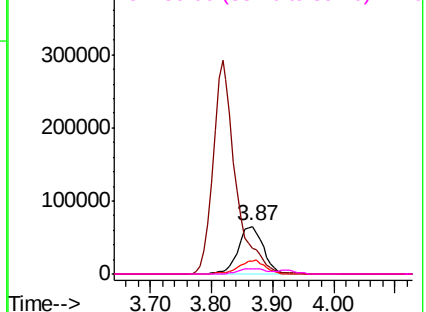
Abundance

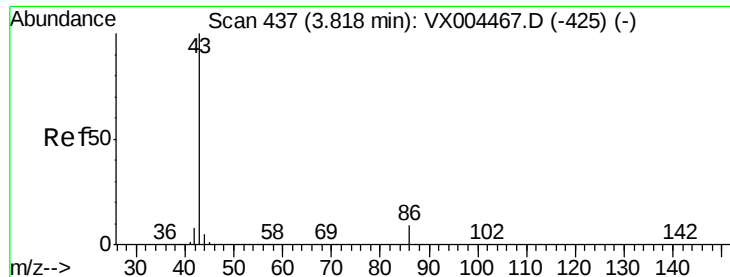
Ion 45.00 (44.70 to 45.70): VX0

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: 89.12 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

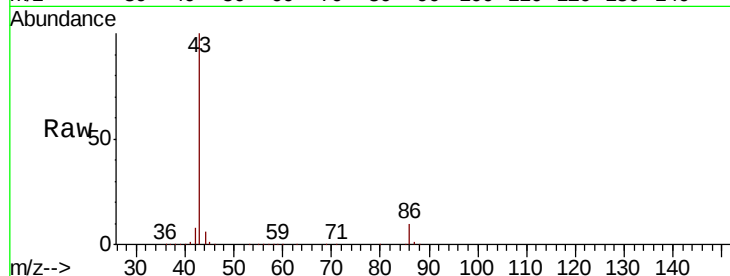
ClientSampleId :

Tot Ion: 43 Resp: 756947

Ion Ratio Lower Upper

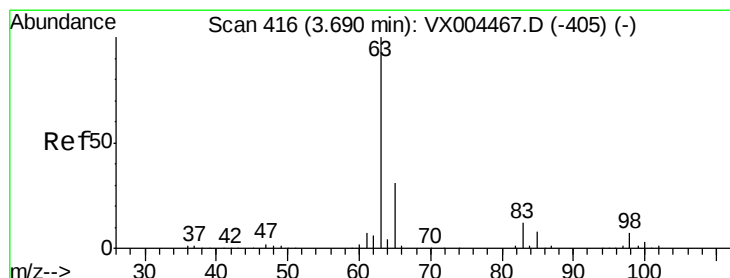
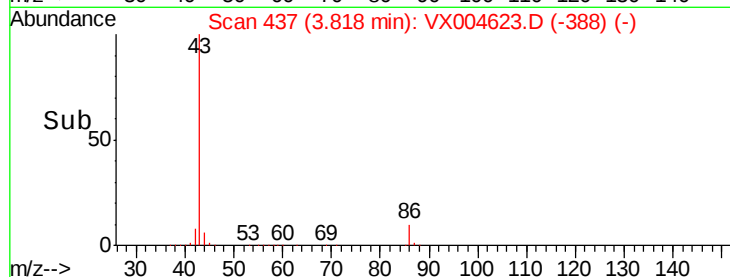
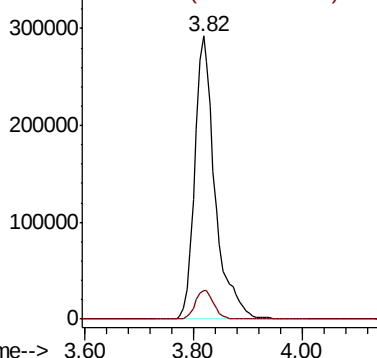
43 100

86 10.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.68 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

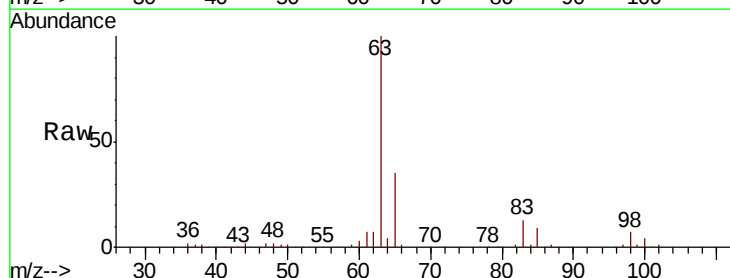
Tgt Ion: 63 Resp: 104772

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

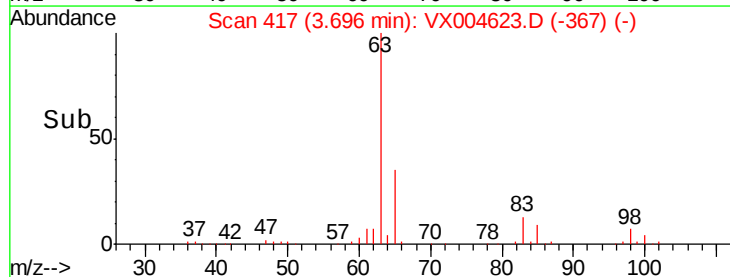
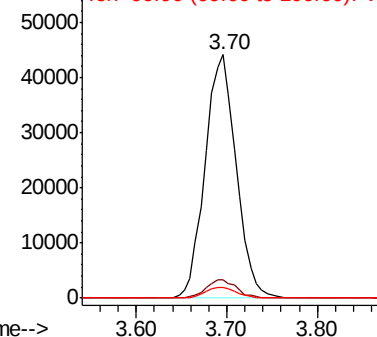
100 4.3 2.4 7.1

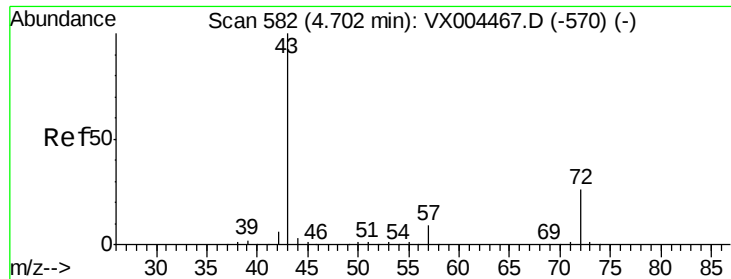


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

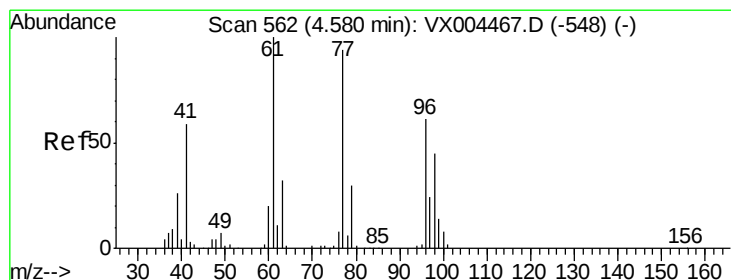
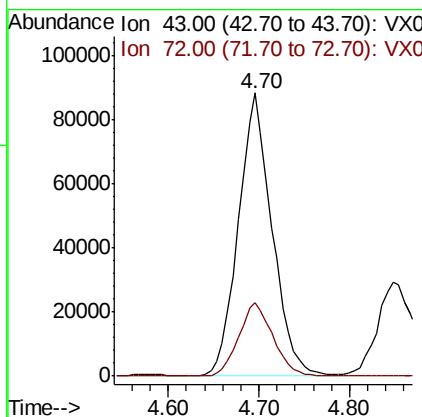
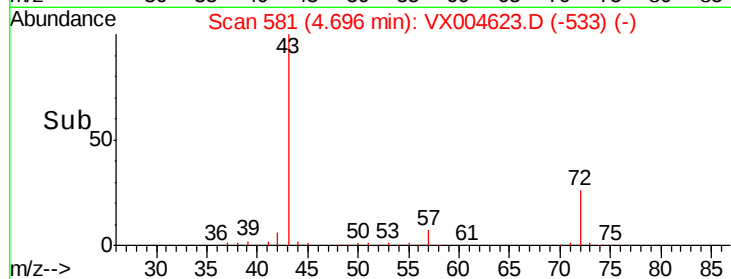
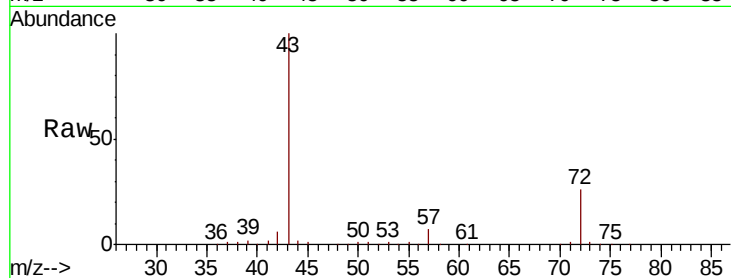




#25
2-Butanone
Concen: 83.30 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

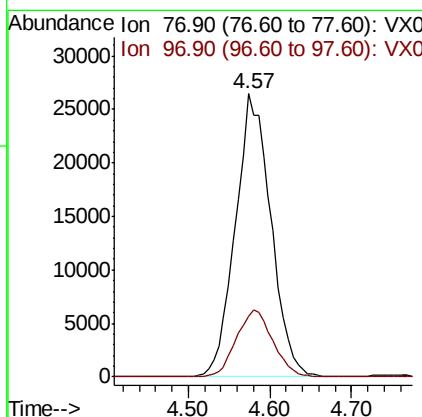
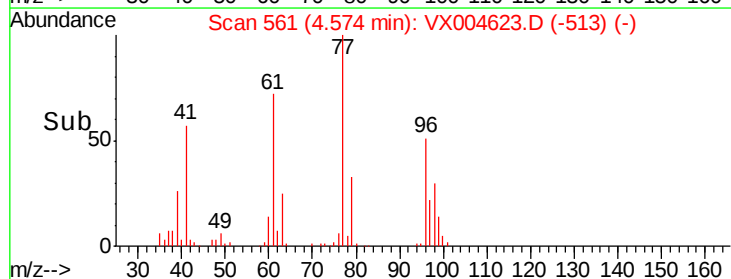
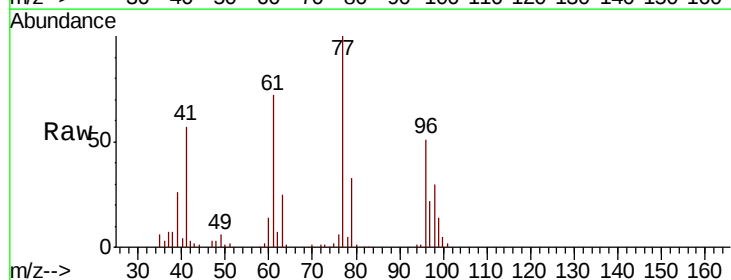
Instrument :
MSVOA_X
ClientSampled :

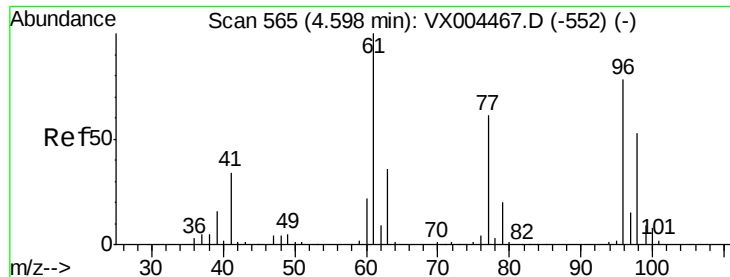
Tot Ion: 43 Resp: 226345
Ion Ratio Lower Upper
43 100
72 25.9 22.0 33.0



#26
2,2-Dichloropropane
Concen: 19.60 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 77 Resp: 79778
Ion Ratio Lower Upper
77 100
97 24.4 11.7 35.0



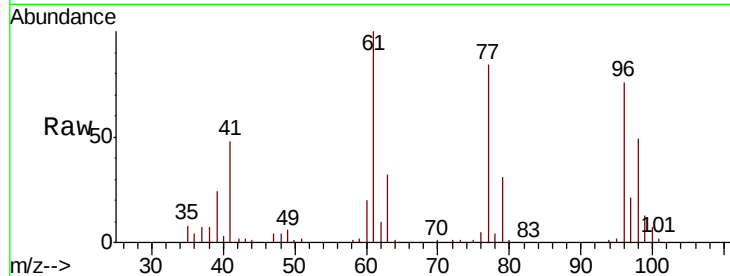


#27

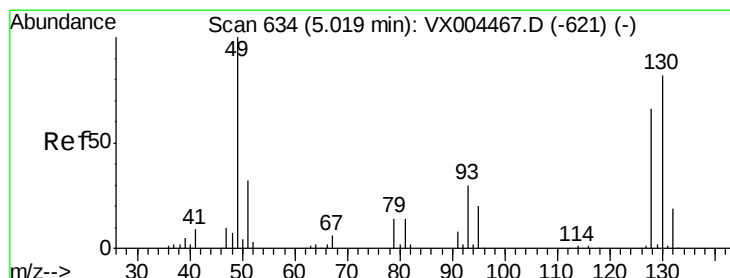
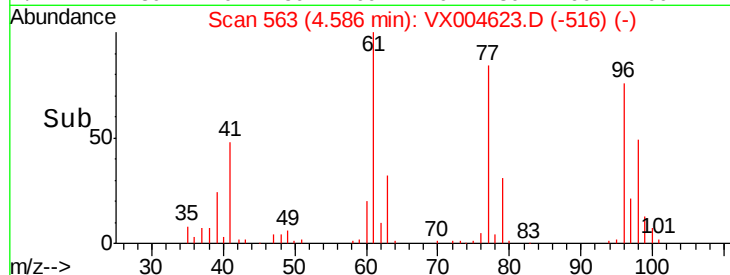
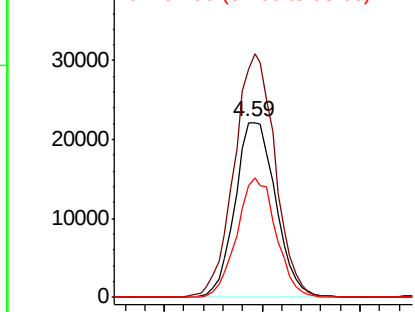
cis-1,2-Dichloroethene
Concen: 18.37 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 64233
Ion Ratio Lower Upper
96 100
61 140.2 0.0 282.6
98 65.7 0.0 130.2



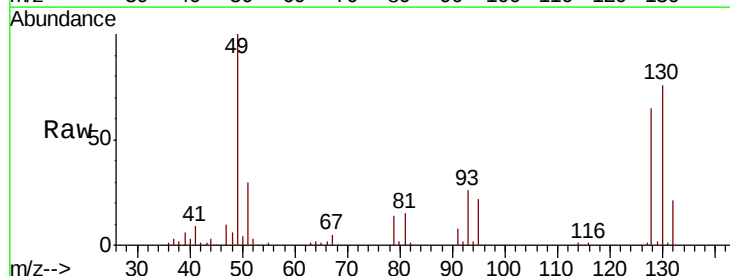
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



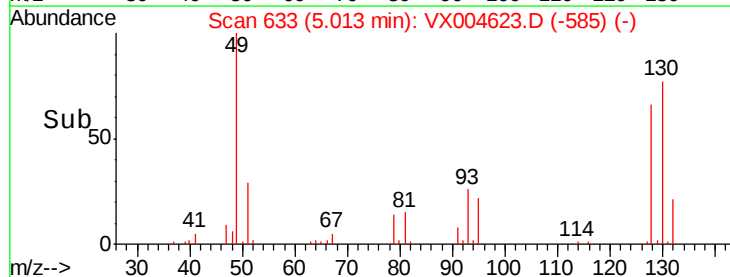
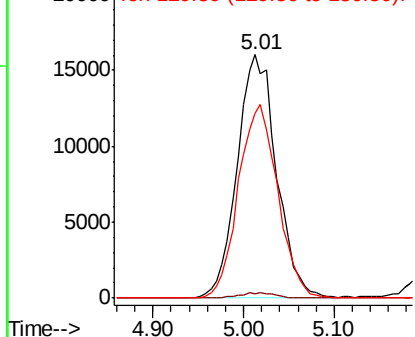
#28

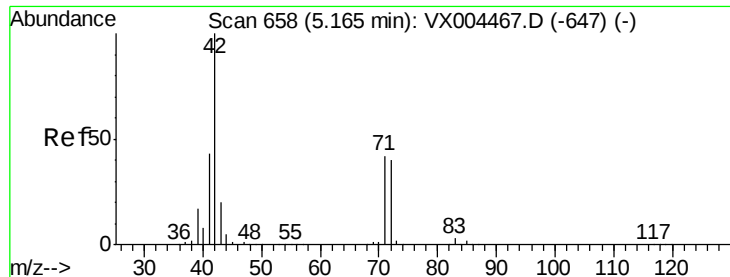
Bromochloromethane
Concen: 17.78 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 49 Resp: 48184
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 79.6 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: 84.86 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.02 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

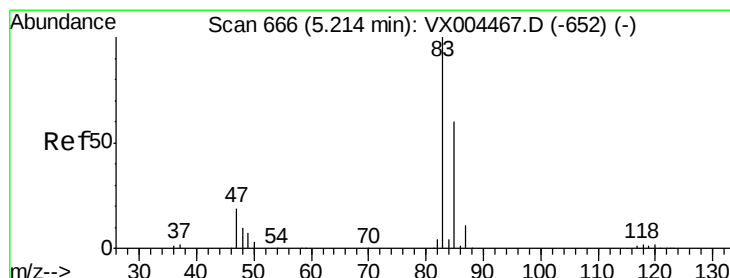
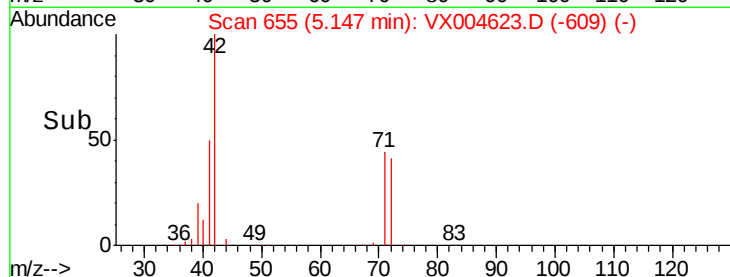
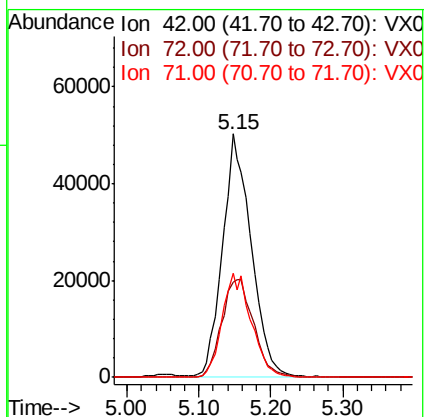
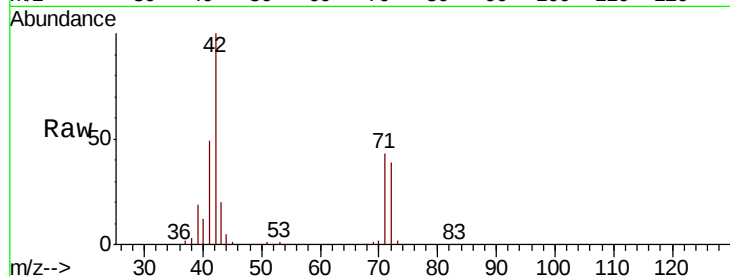
Tot Ion: 42 Resp: 139060

Ion Ratio Lower Upper

42 100

72 45.0 37.4 56.0

71 43.5 34.5 51.7



#30

Chloroform

Concen: 18.44 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004623.D

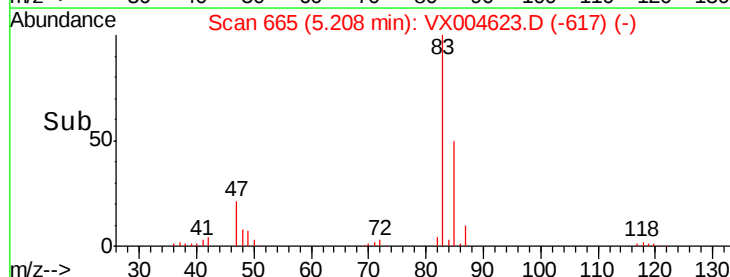
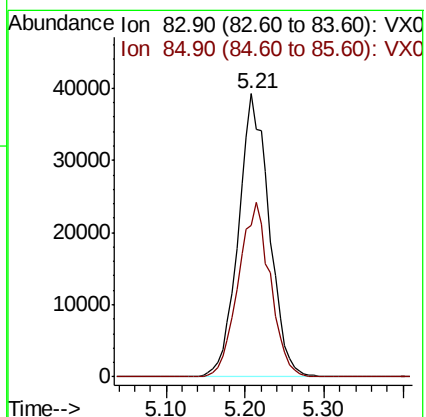
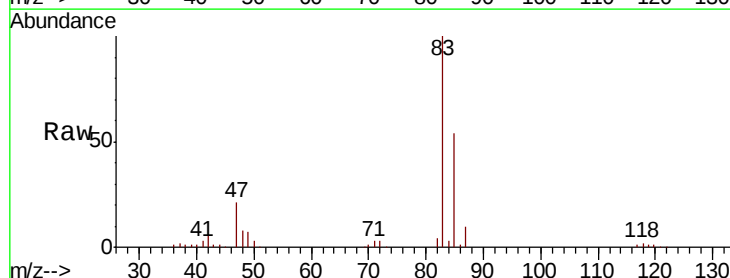
Acq: 17 Sep 2018 17:18

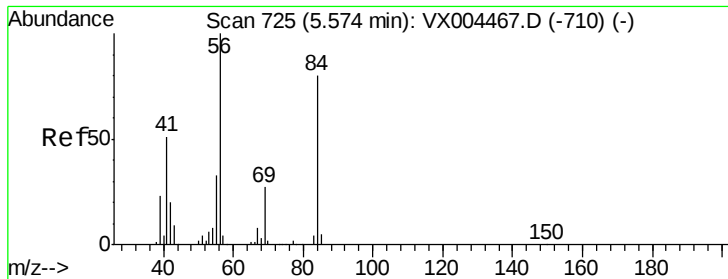
Tgt Ion: 83 Resp: 106681

Ion Ratio Lower Upper

83 100

85 53.7 52.6 79.0





#31

Cyclohexane

Concen: 18.78 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

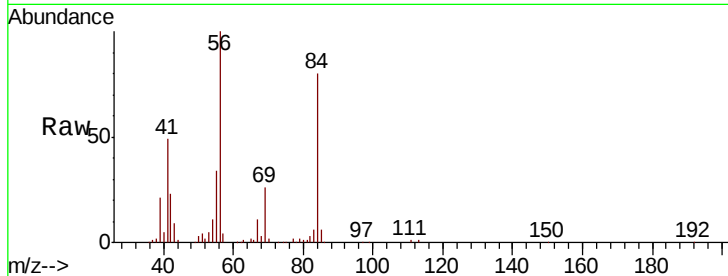
Tot Ion: 56 Resp: 95051

Ion Ratio Lower Upper

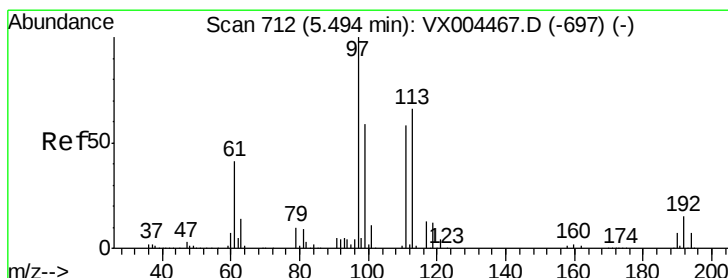
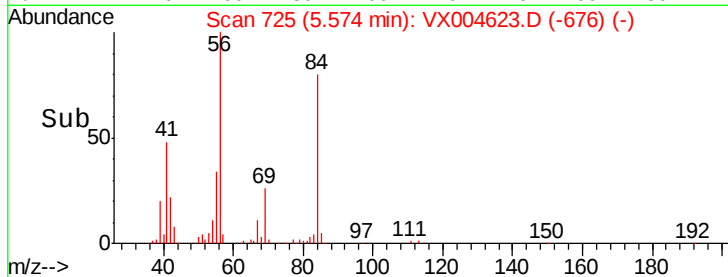
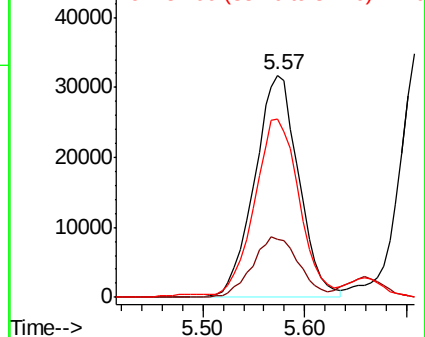
56 100

69 25.9 25.4 38.2

84 79.0 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 19.25 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

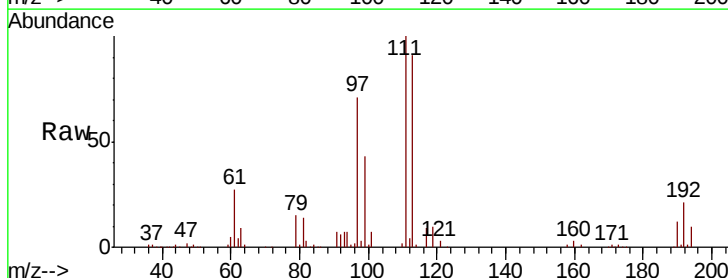
Tgt Ion: 97 Resp: 89696

Ion Ratio Lower Upper

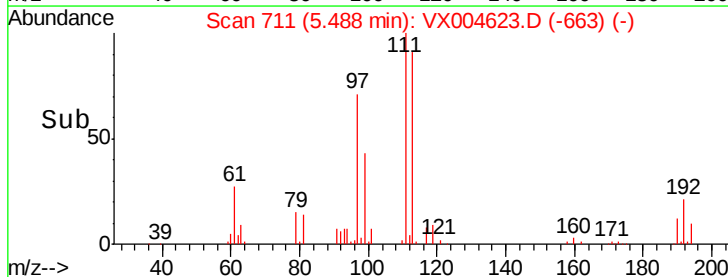
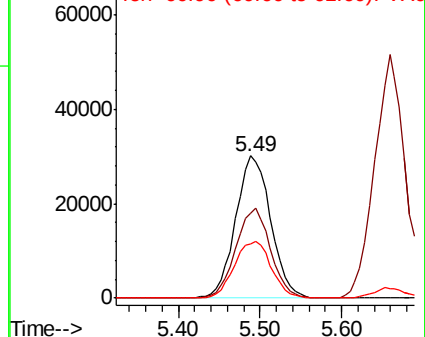
97 100

99 62.5 52.0 78.0

61 42.6 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 45.49 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

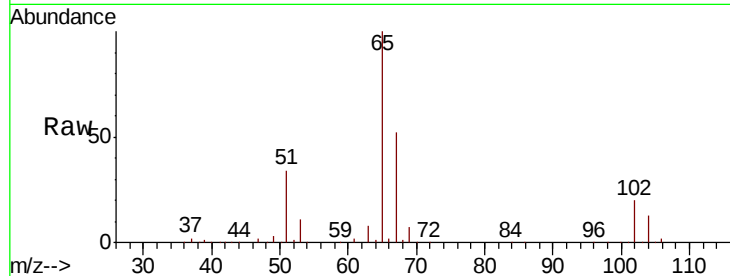
ClientSampleId :

Tot Ion: 65 Resp: 159126

Ion Ratio Lower Upper

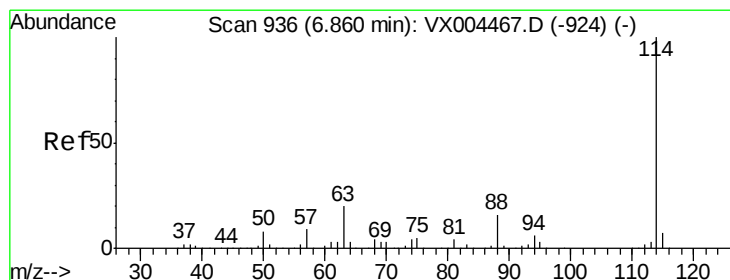
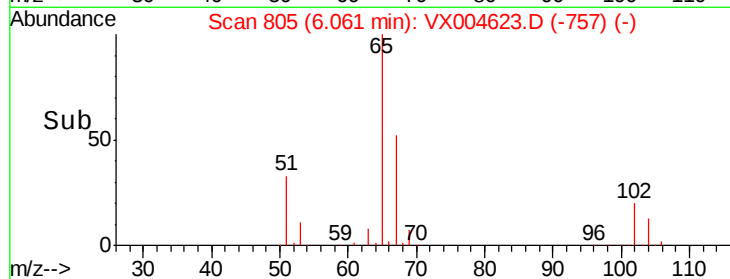
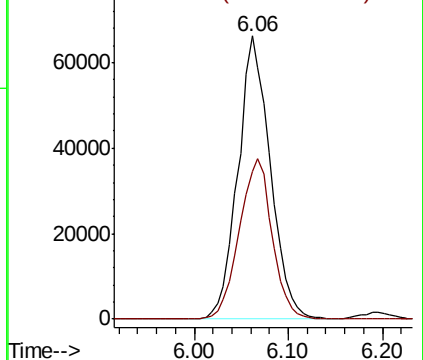
65 100

67 57.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

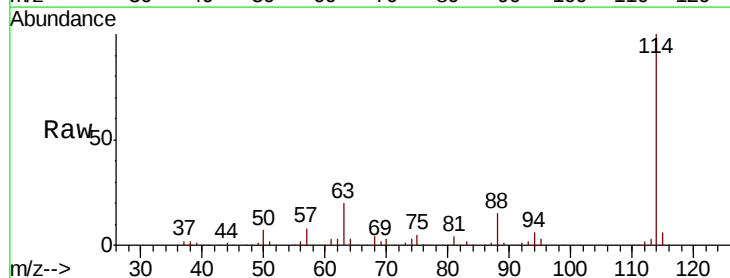
Tgt Ion: 114 Resp: 328239

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

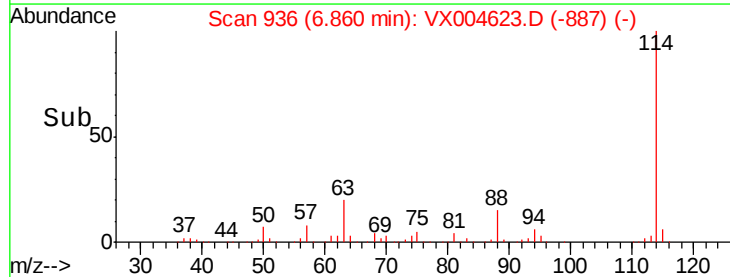
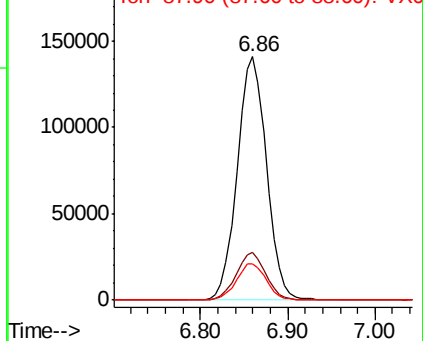
88 14.9 0.0 30.4

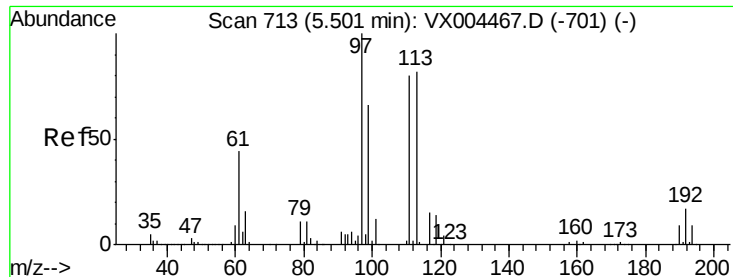


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

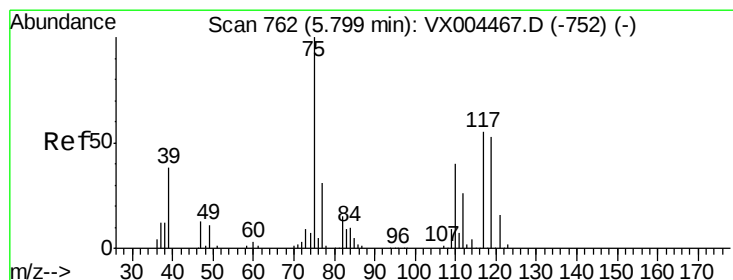
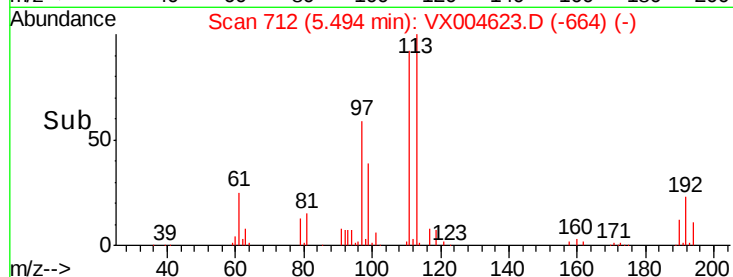
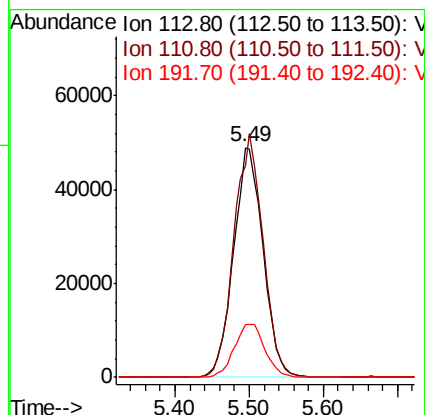
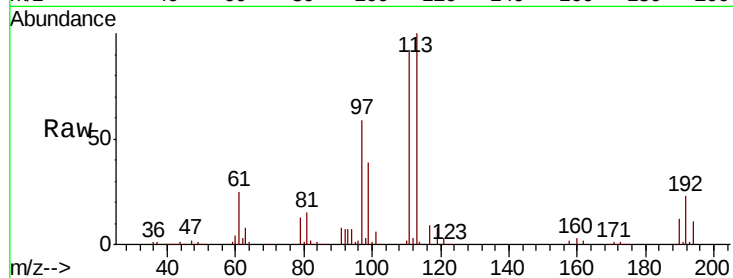




#35
 Dibromofluoromethane
 Concen: 45.44 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

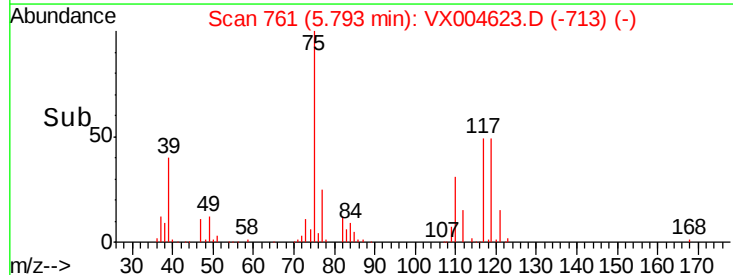
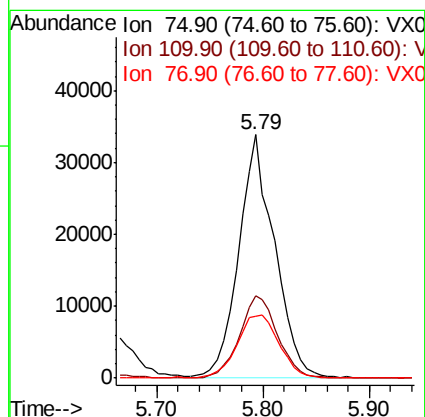
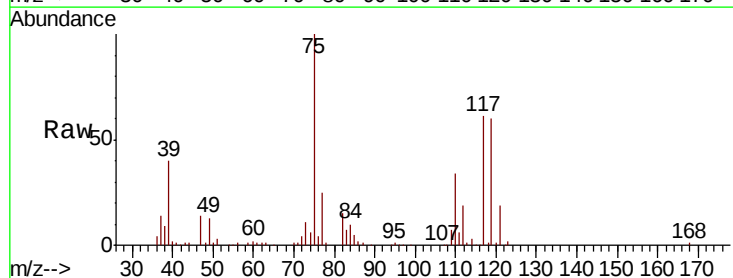
Instrument :
 MSVOA_X
 ClientSampleId :

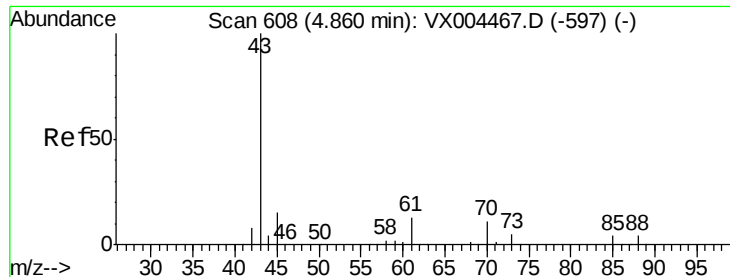
Tot Ion:113 Resp: 136487
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.4 123.6
 192 23.9 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 19.87 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Tgt Ion: 75 Resp: 79167
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.0 54.0
 77 30.9 24.6 36.8

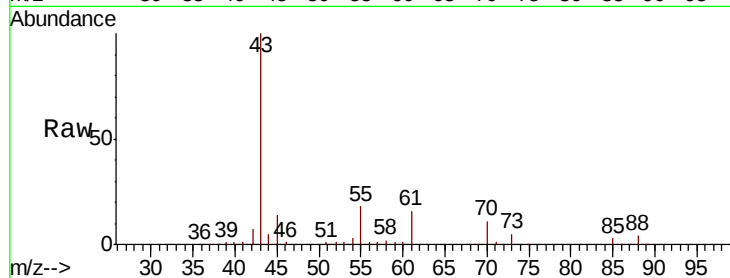




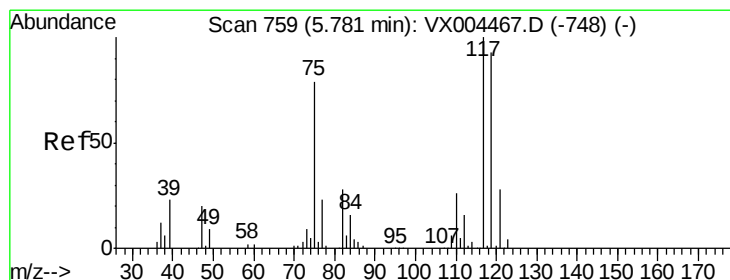
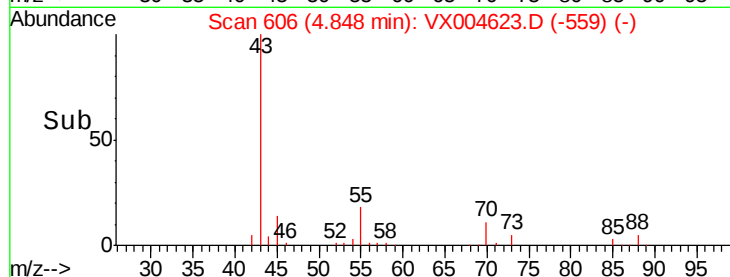
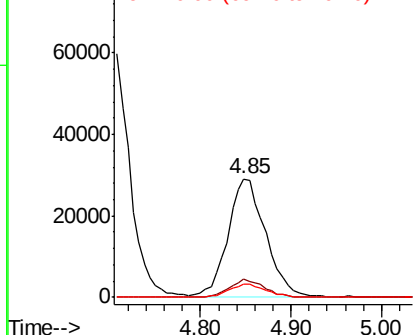
#37
Ethyl Acetate
Concen: 18.27 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 82807
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.1 9.0 13.6

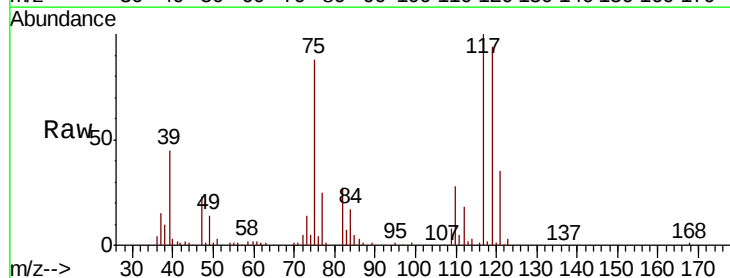


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

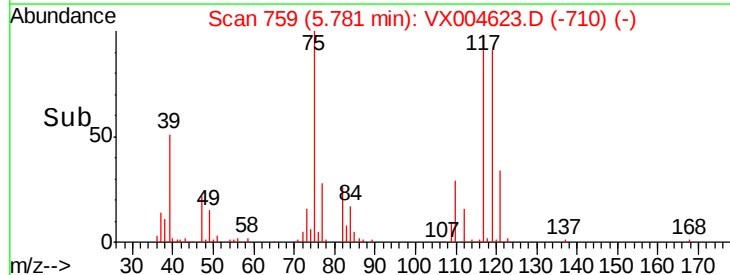
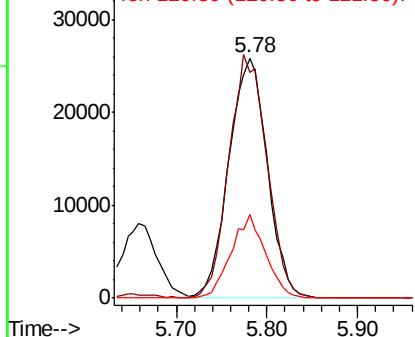


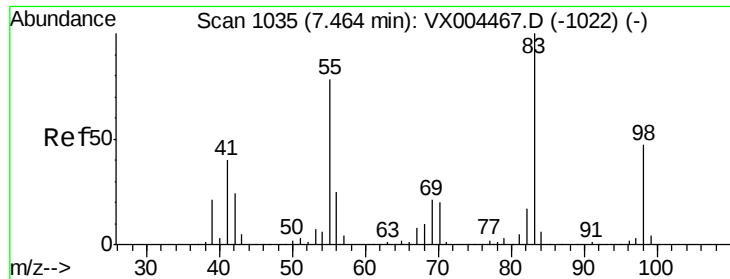
#38
Carbon Tetrachloride
Concen: 19.54 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 117 Resp: 76050
Ion Ratio Lower Upper
117 100
119 94.1 78.8 118.2
121 34.8 24.9 37.3



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

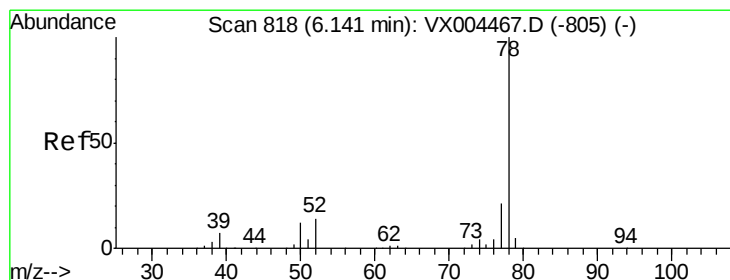
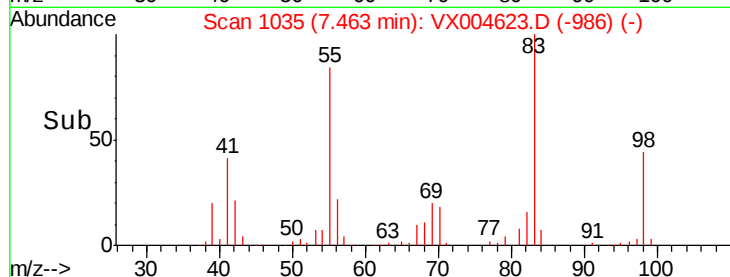
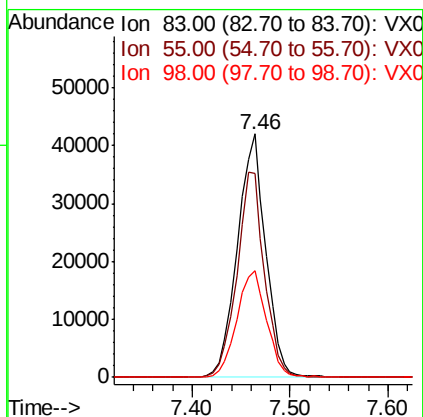
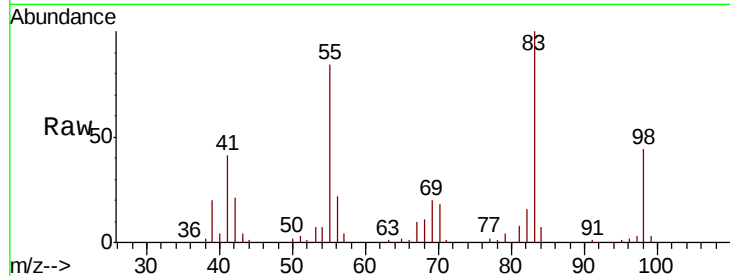




#39
Methvlcvclohexane
Concen: 20.34 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

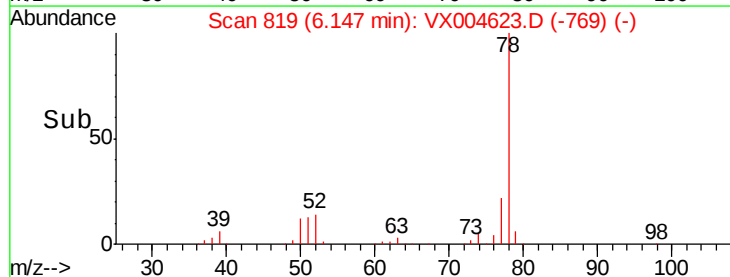
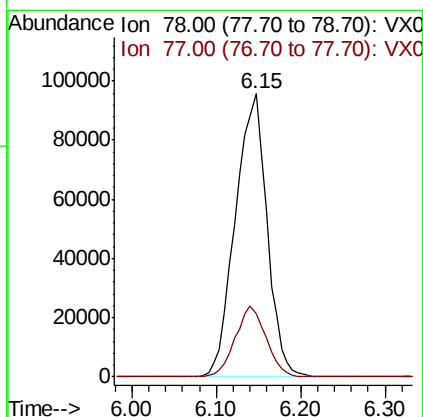
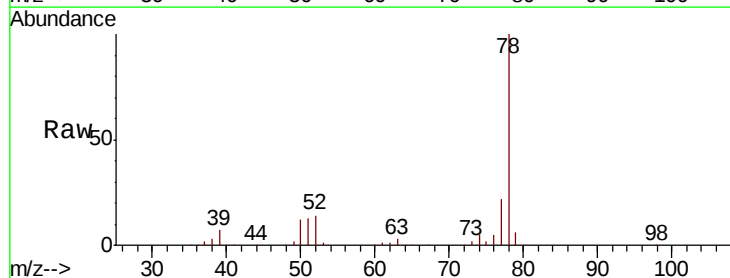
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 84569
Ion Ratio Lower Upper
83 100
55 83.8 61.0 91.4
98 43.9 39.6 59.4



#40
Benzene
Concen: 20.60 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 78 Resp: 243547
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.4

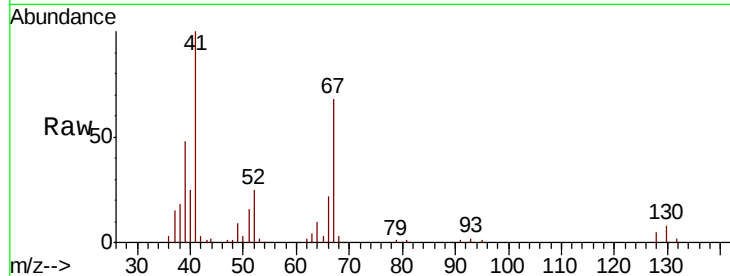




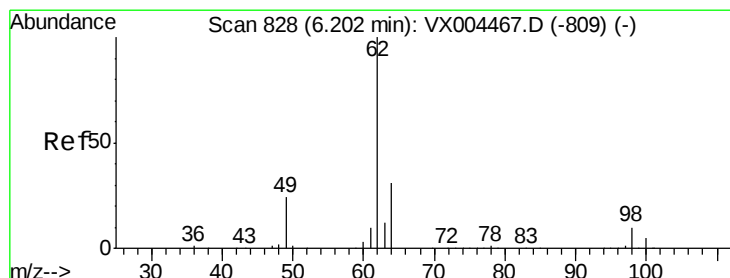
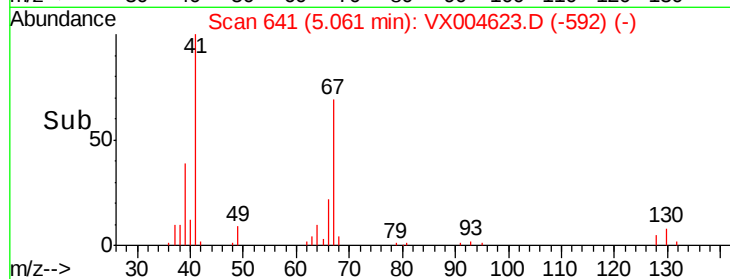
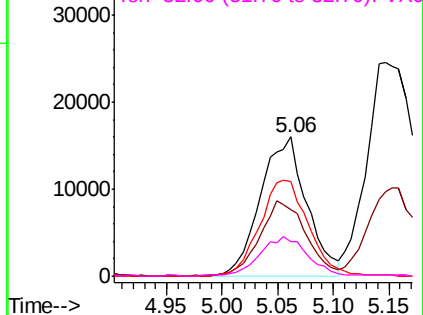
#41
Methacrylonitrile
Concen: 18.58 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	46406
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.4	63.6
67	72.2	59.2	88.8
52	30.2	23.0	34.4

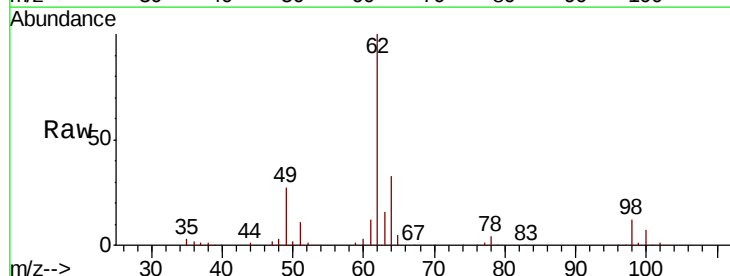


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

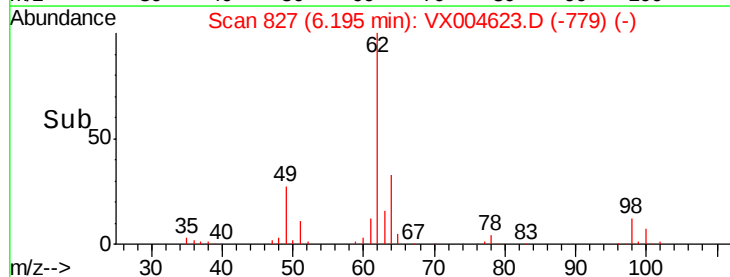
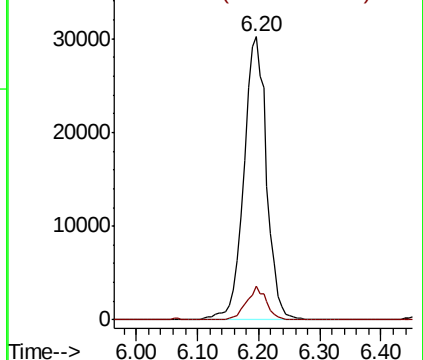


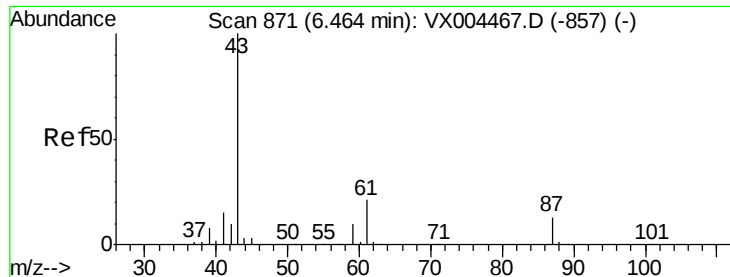
#42
1,2-Dichloroethane
Concen: 19.95 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion:	62	Resp:	78220
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: 19.42 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

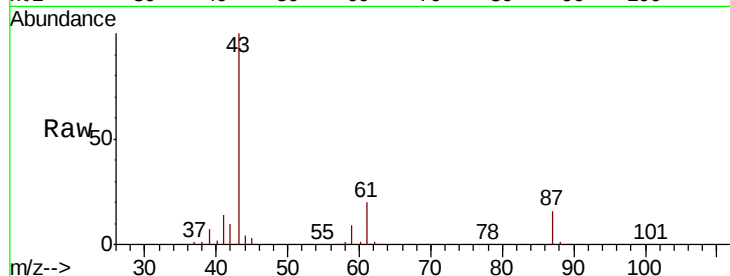
Tot Ion: 43 Resp: 116913

Ion Ratio Lower Upper

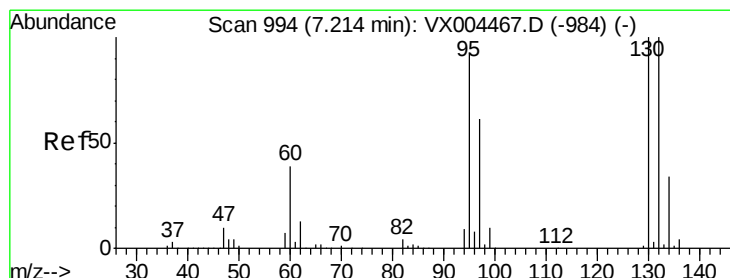
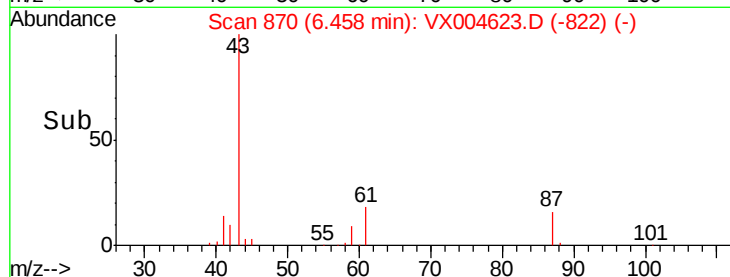
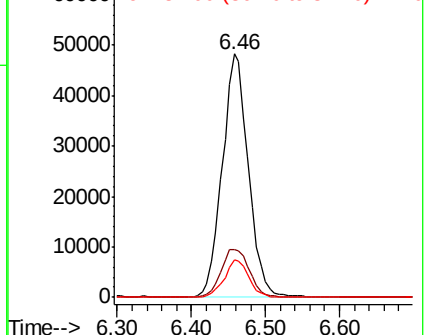
43 100

61 21.6 17.0 25.4

87 14.8 11.4 17.2



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



#44

Trichloroethene

Concen: 19.79 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004623.D

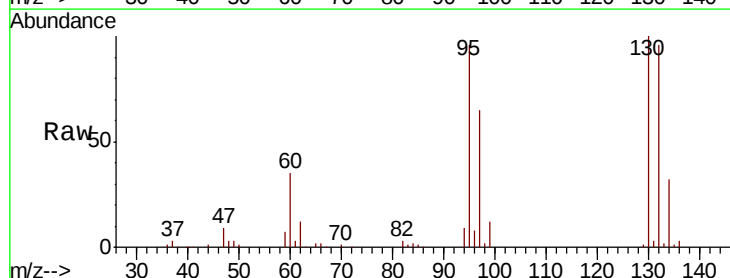
Acq: 17 Sep 2018 17:18

Tgt Ion:130 Resp: 60789

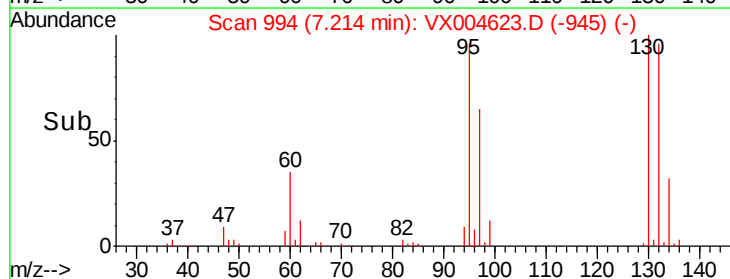
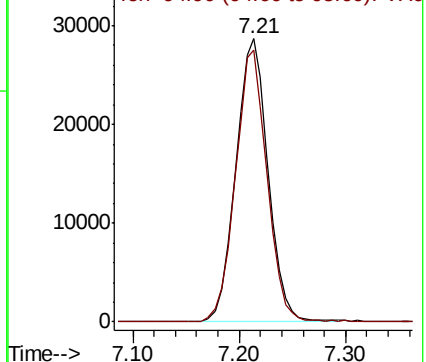
Ion Ratio Lower Upper

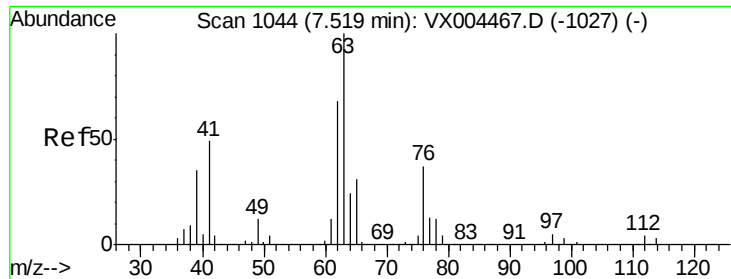
130 100

95 96.1 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: 20.01 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

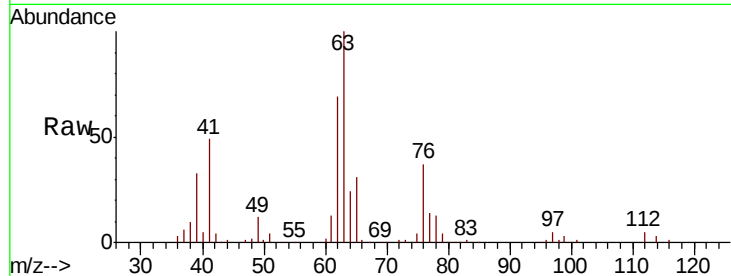
ClientSampled :

Tot Ion: 63 Resp: 56941

Ion Ratio Lower Upper

63 100

65 31.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

30000

25000

20000

15000

10000

5000

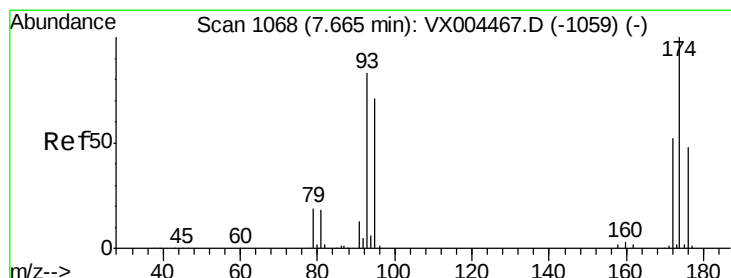
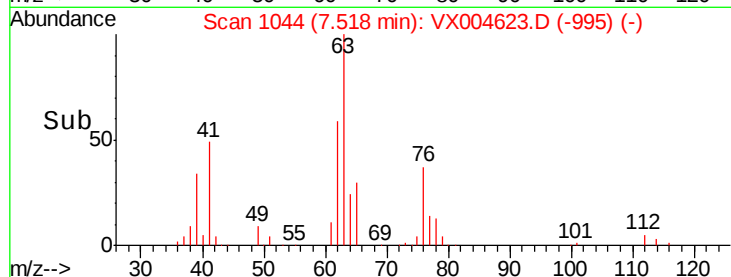
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 20.24 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

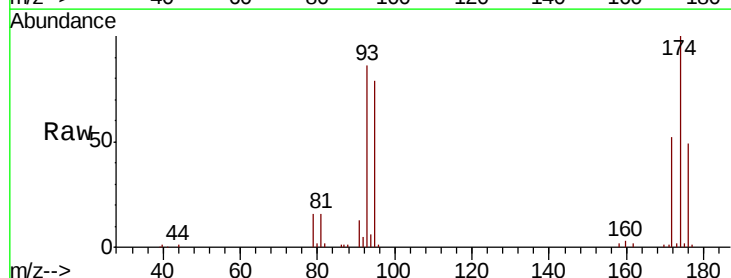
Tgt Ion: 93 Resp: 36387

Ion Ratio Lower Upper

93 100

95 83.5 65.5 98.3

174 116.1 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

30000

25000

20000

15000

10000

5000

0

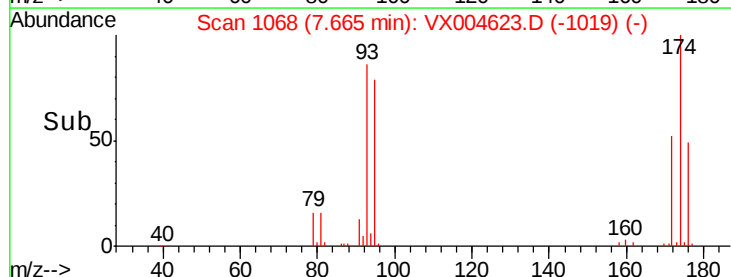
Time-->

7.60

7.65

7.70

7.75

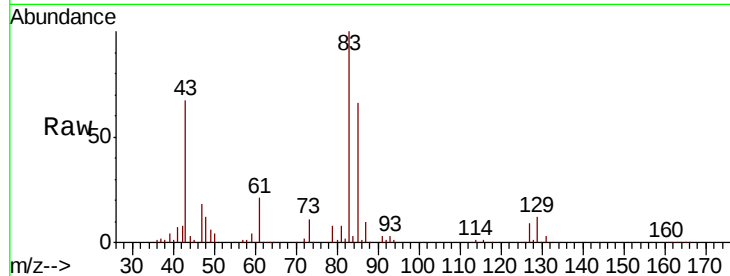




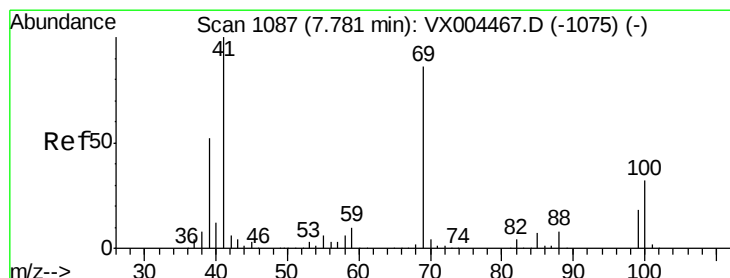
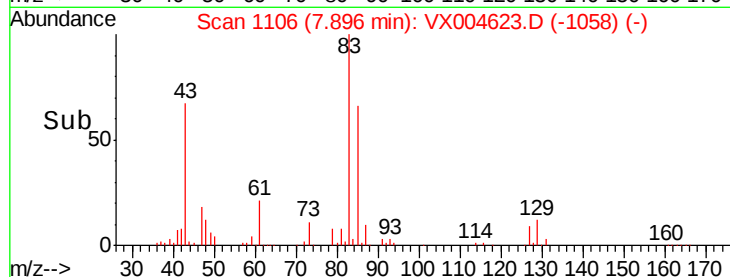
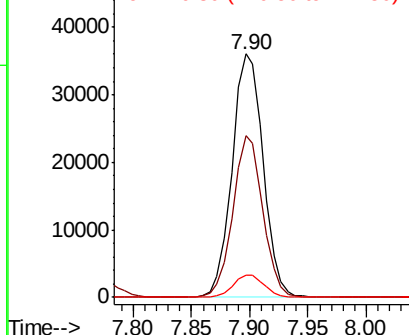
#47
 Bromodichloromethane
 Concen: 19.73 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 83 Resp: 67048
 Ion Ratio Lower Upper
 83 100
 85 66.3 50.9 76.3
 127 9.2 7.3 10.9

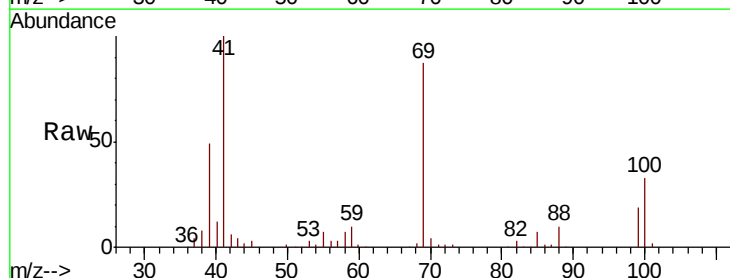


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

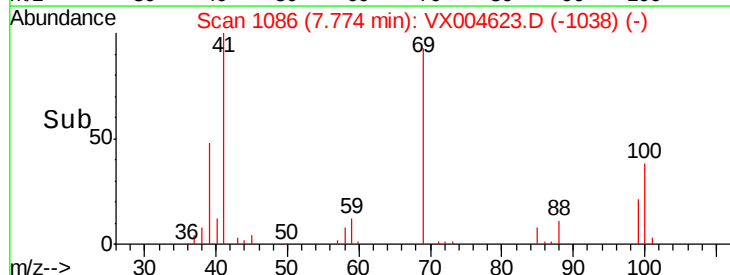
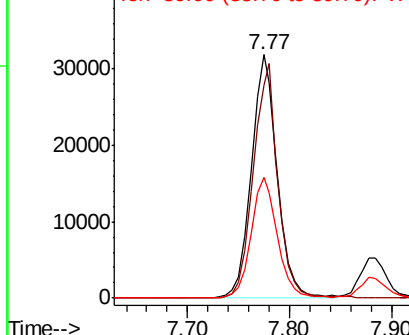


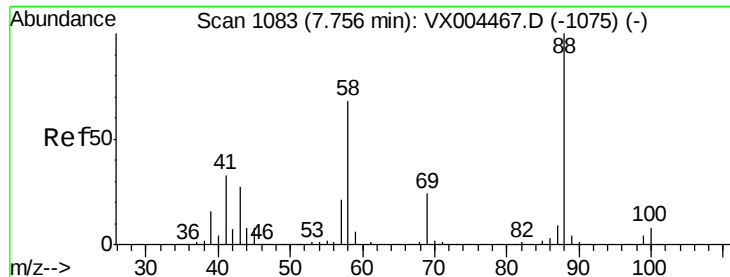
#48
 Methyl methacrylate
 Concen: 18.98 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Tgt Ion: 41 Resp: 56559
 Ion Ratio Lower Upper
 41 100
 69 91.7 70.2 105.4
 39 50.3 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

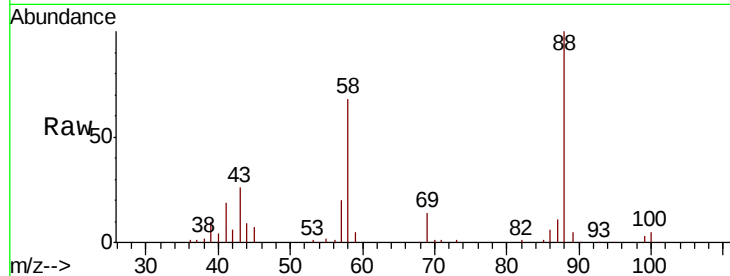




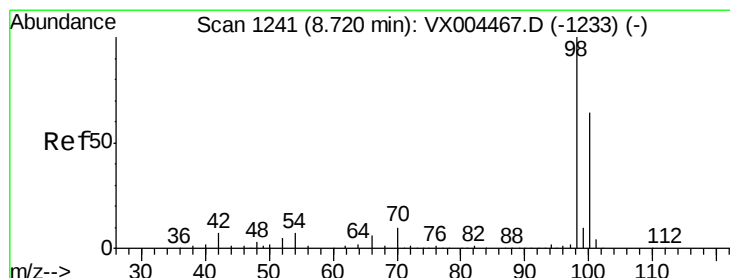
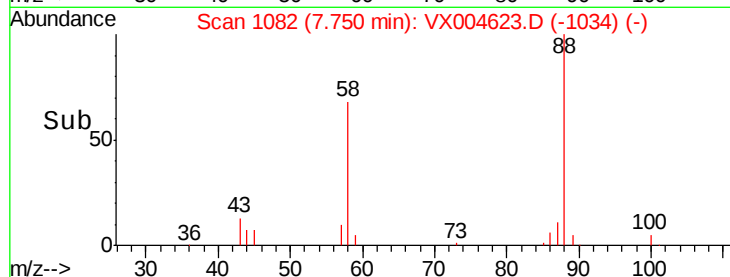
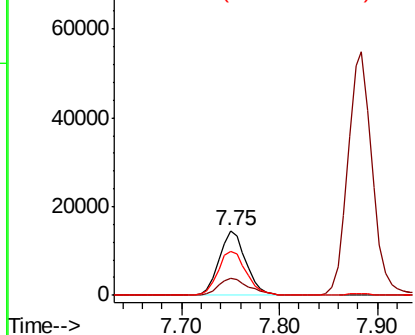
#49
1,4-Dioxane
Concen: 391.14 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 27580
Ion Ratio Lower Upper
88 100
43 31.0 24.7 37.1
58 72.6 55.3 82.9

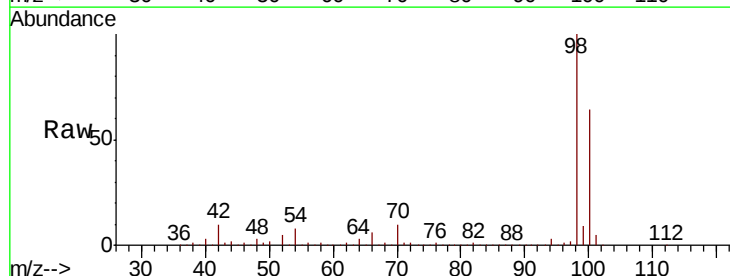


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

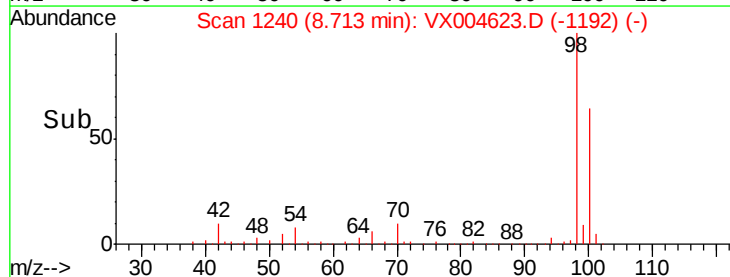
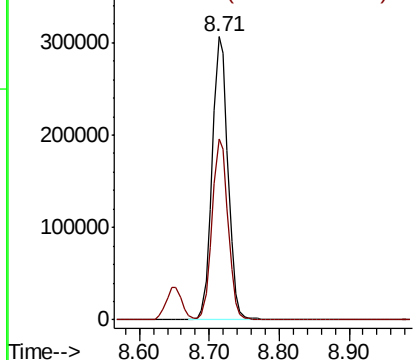


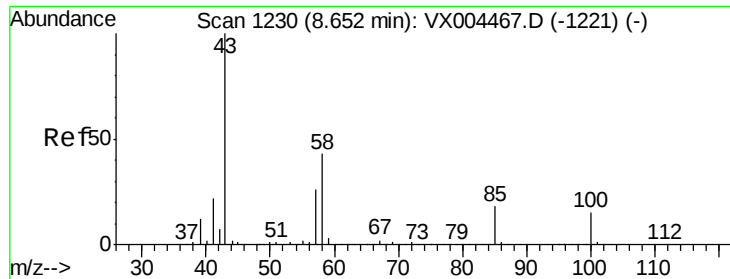
#50
Toluene-d8
Concen: 47.70 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 98 Resp: 480500
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 87.10 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

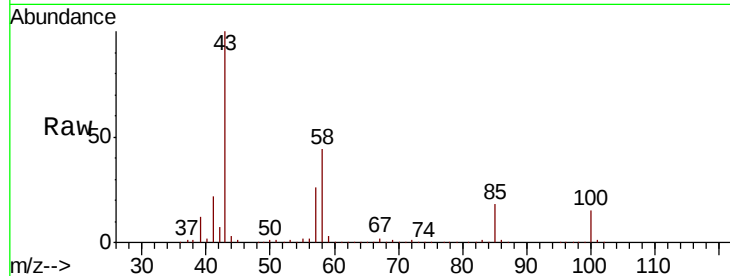
ClientSampled :

Tot Ion: 43 Resp: 370009

Ion Ratio Lower Upper

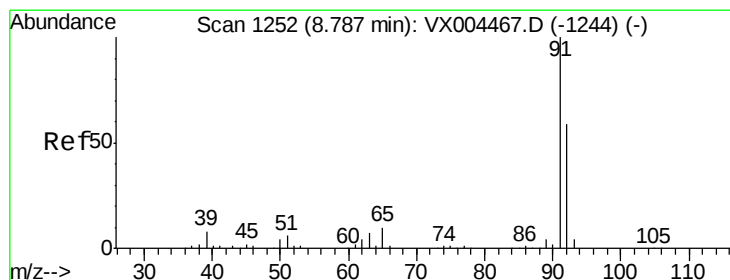
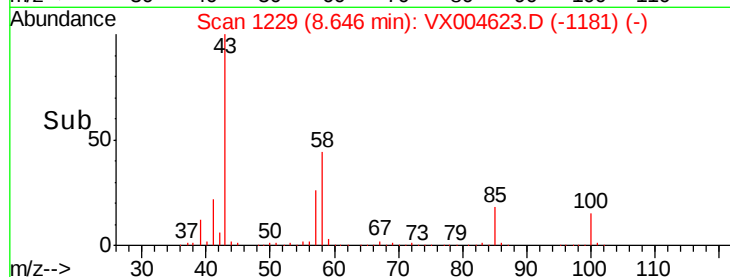
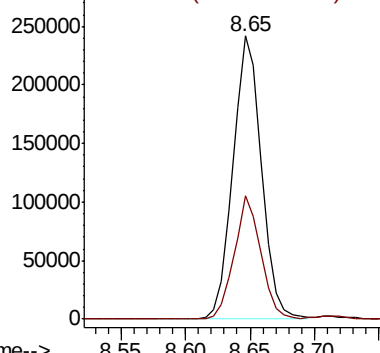
43 100

58 40.9 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: 19.39 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004623.D

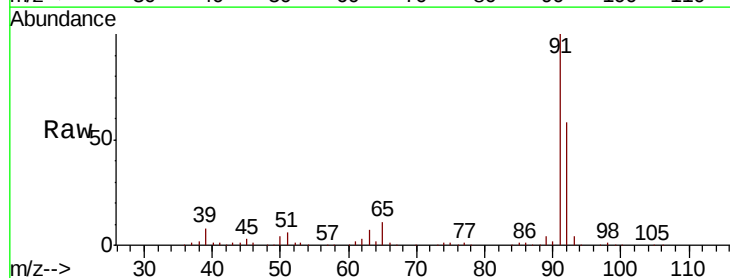
Acq: 17 Sep 2018 17:18

Tgt Ion: 92 Resp: 135091

Ion Ratio Lower Upper

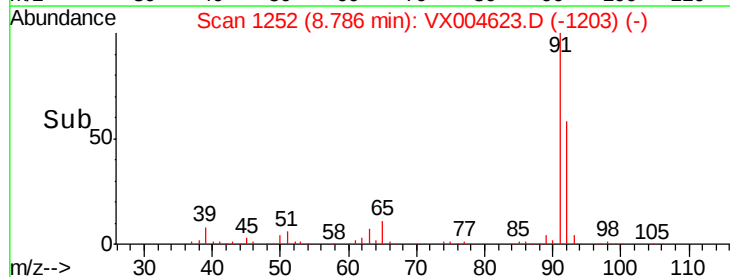
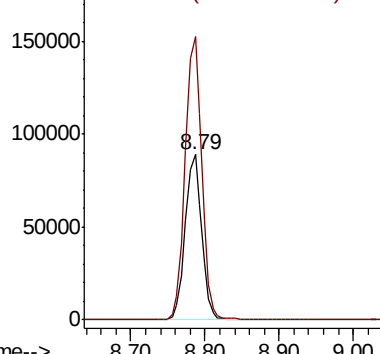
92 100

91 173.5 136.4 204.6



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: 18.73 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

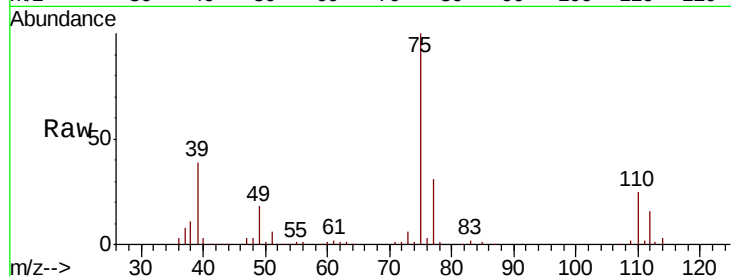
ClientSampleId :

Tot Ion: 75 Resp: 74388

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

60000

50000

40000

30000

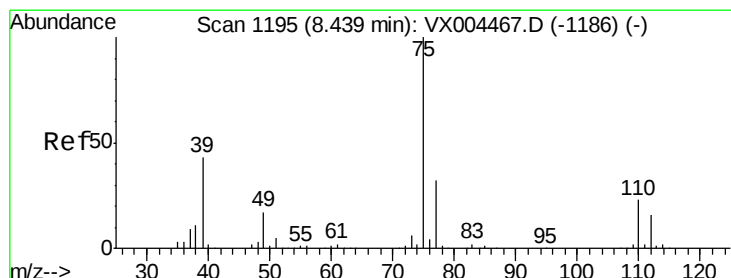
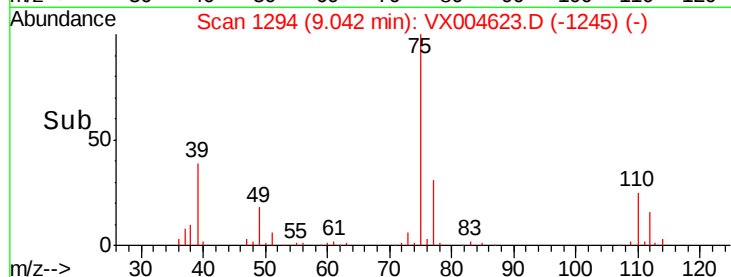
20000

10000

0

9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.26 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

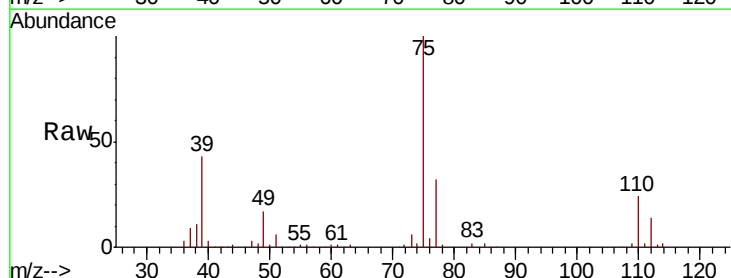
Tgt Ion: 75 Resp: 81993

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

39 43.2 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

60000

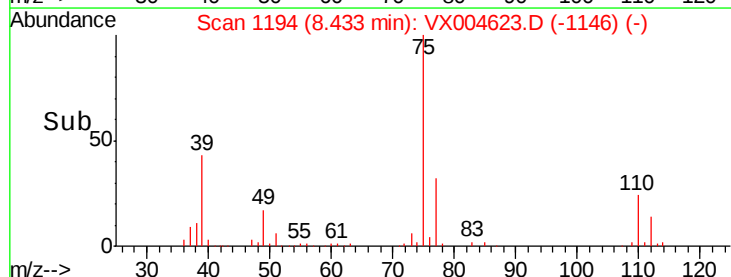
40000

20000

0

8.35 8.40 8.45 8.50 8.55

Time-->

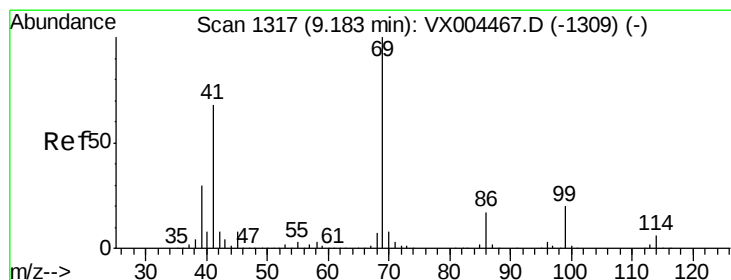
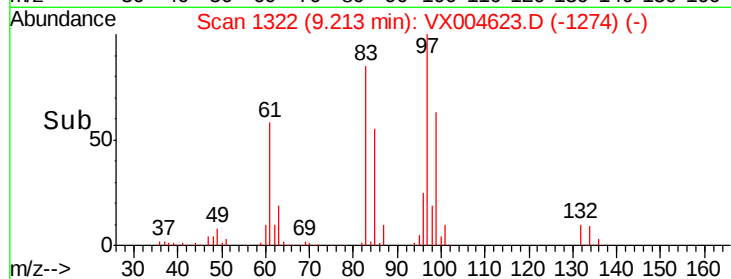
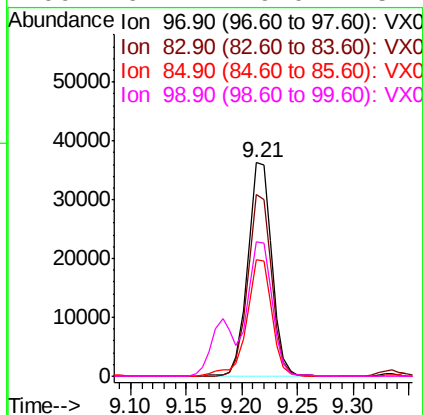
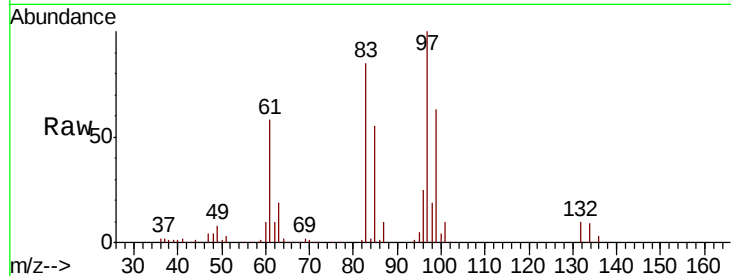




#55
 1,1,2-Trichloroethane
 Concen: 18.17 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

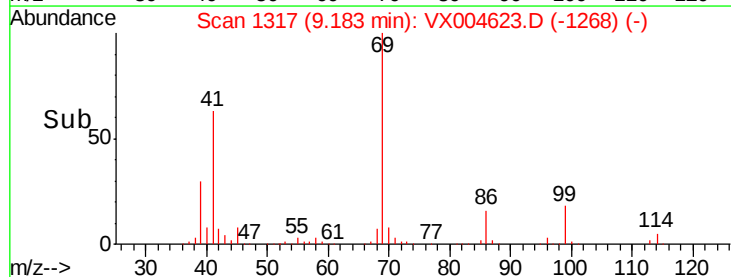
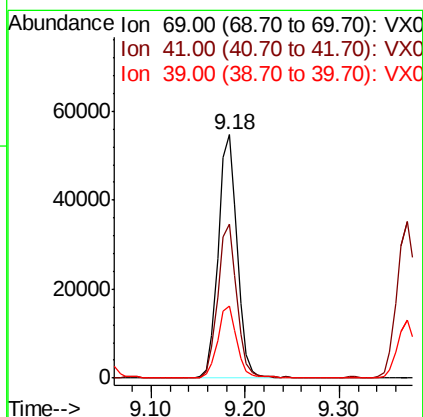
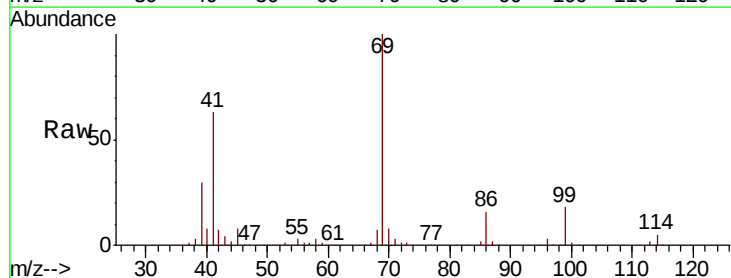
Instrument :
 MSVOA_X
 ClientSampleId :

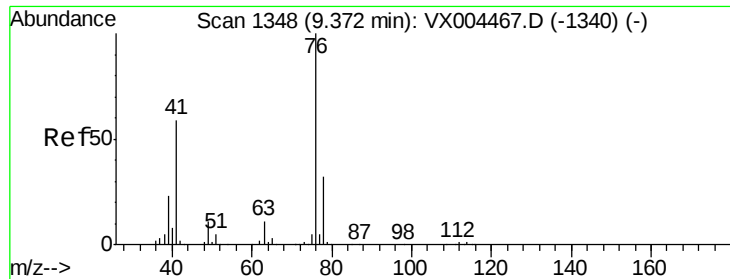
Tot Ion:	97	Resp:	54490
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.4	99.6
85	54.7	43.3	64.9
99	62.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.01 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Tgt Ion:	69	Resp:	76406
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.0	76.4
39	29.9	26.1	39.1





#57

1,3-Dichloropropane

Concen: 18.47 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

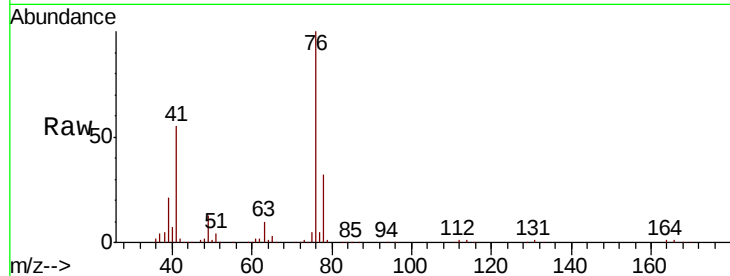
ClientSampleId :

Tot Ion: 76 Resp: 90035

Ion Ratio Lower Upper

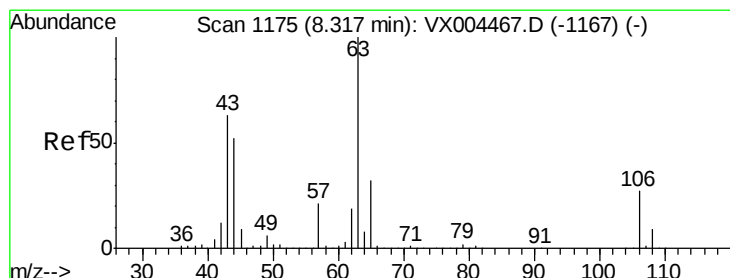
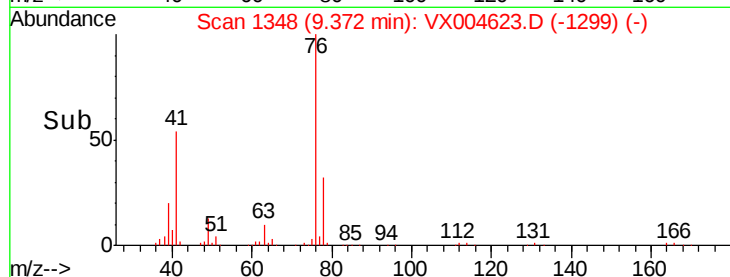
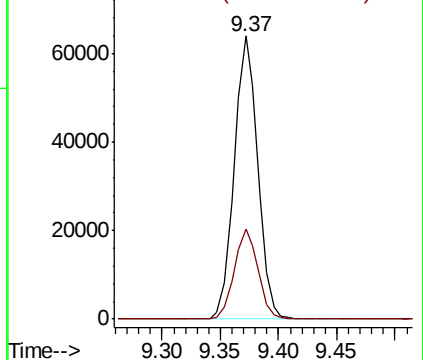
76 100

78 32.0 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: 94.73 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004623.D

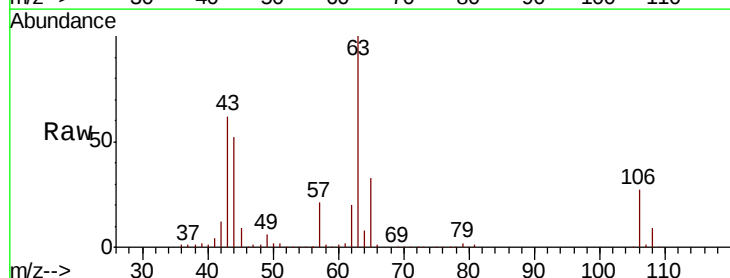
Acq: 17 Sep 2018 17:18

Tgt Ion: 63 Resp: 194754

Ion Ratio Lower Upper

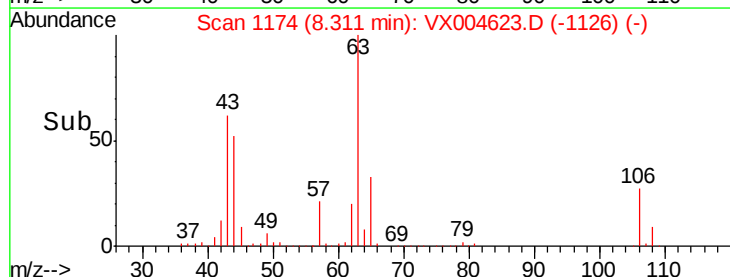
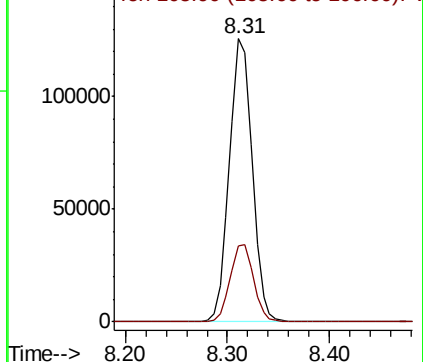
63 100

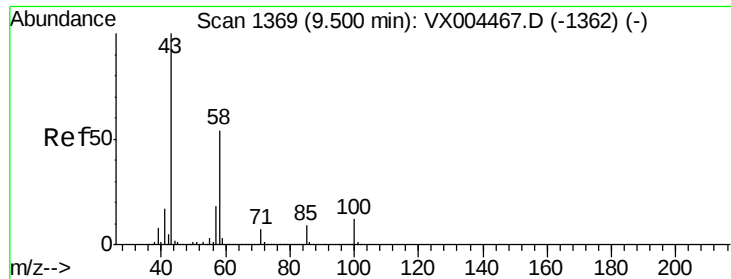
106 27.7 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

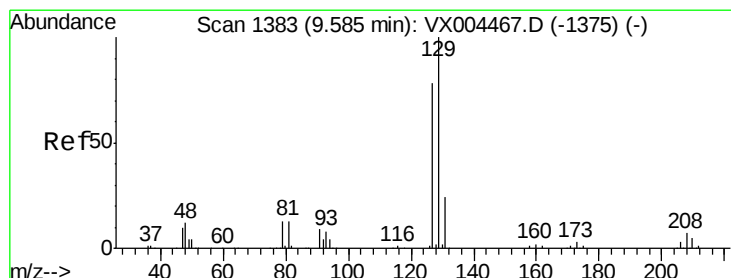
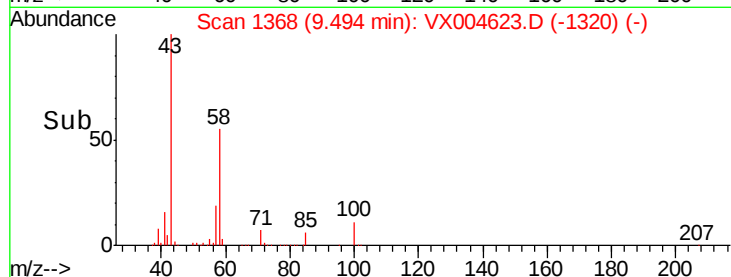
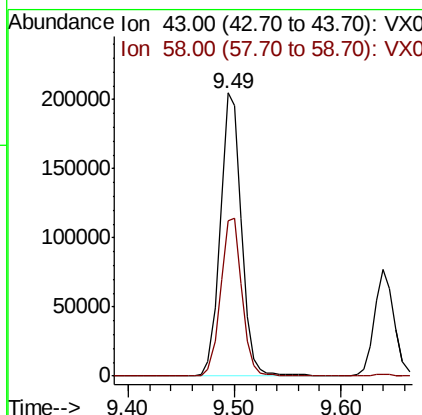
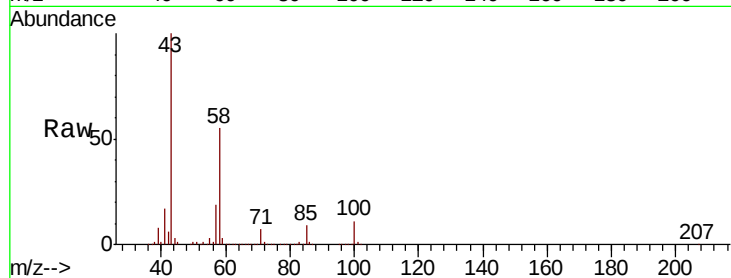




#59
2-Hexanone
Concen: 87.18 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

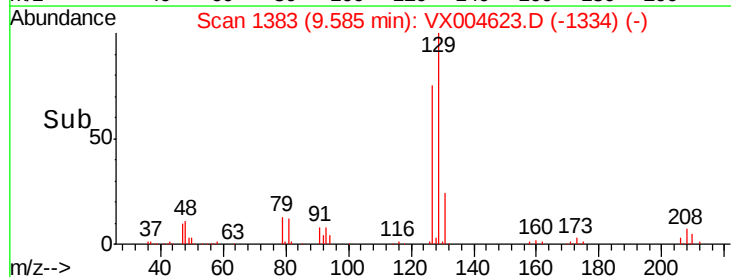
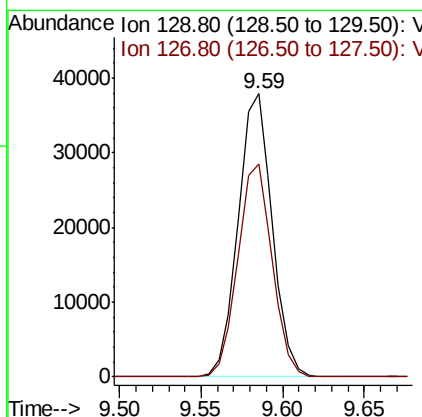
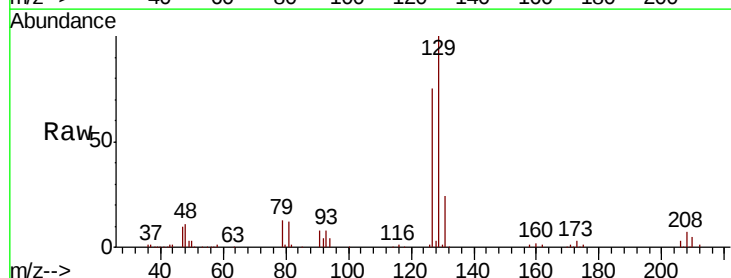
Instrument :
MSVOA_X
ClientSampleId :

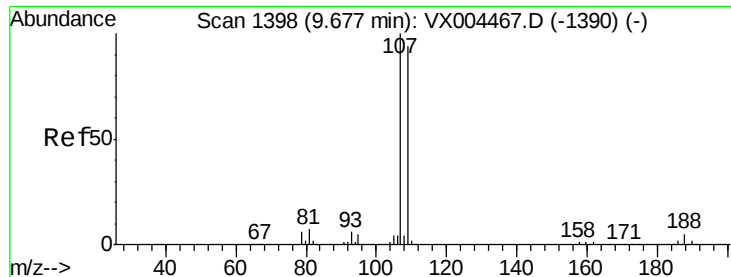
Tot Ion: 43 Resp: 284089
Ion Ratio Lower Upper
43 100
58 56.3 29.0 87.0



#60
Dibromochloromethane
Concen: 19.47 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 129 Resp: 54977
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.44 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

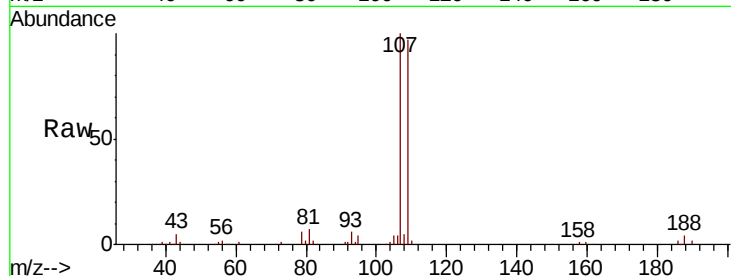
ClientSampleId :

Tot Ion:107 Resp: 55703

Ion Ratio Lower Upper

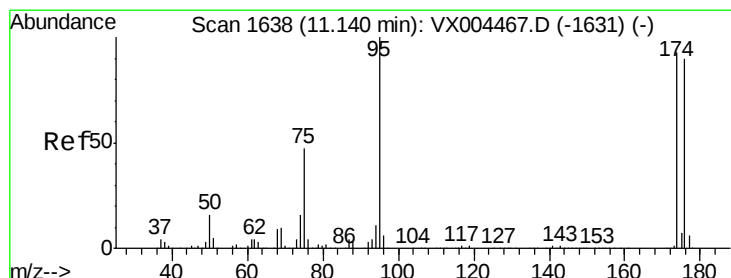
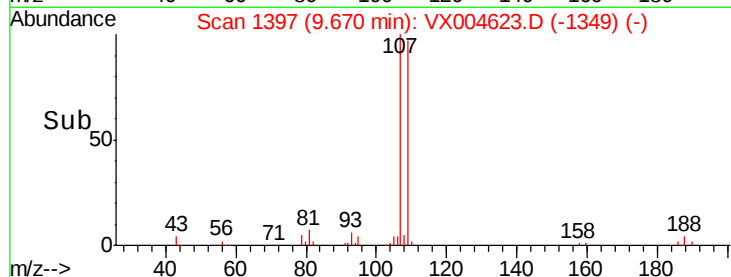
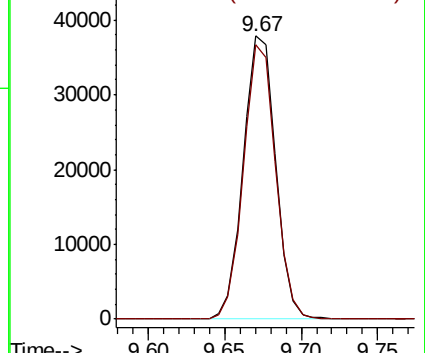
107 100

109 96.1 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: 48.36 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

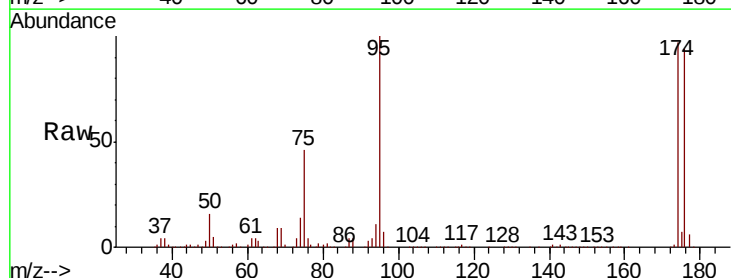
Tgt Ion: 95 Resp: 173884

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.2

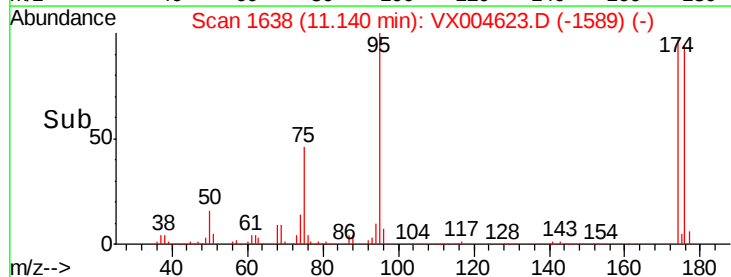
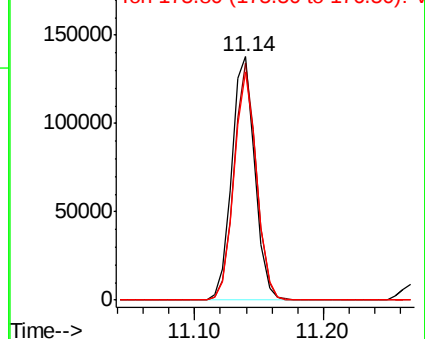
176 91.6 0.0 178.6



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

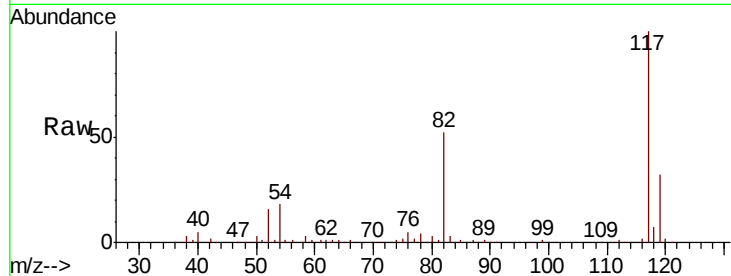




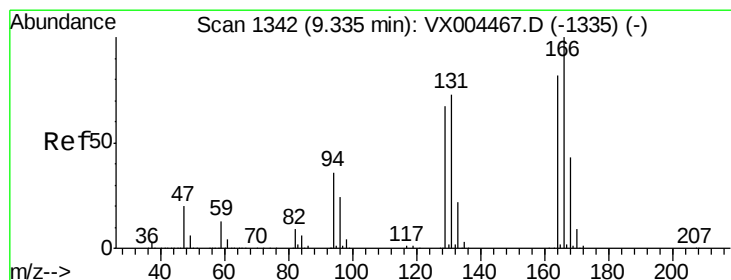
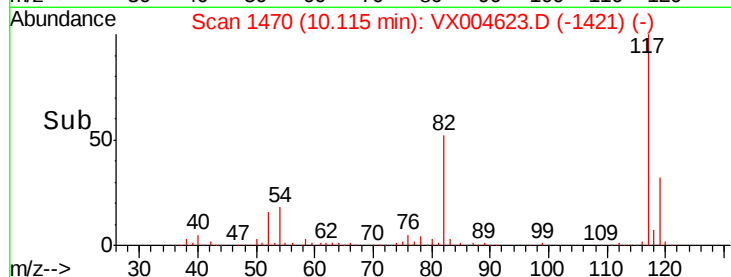
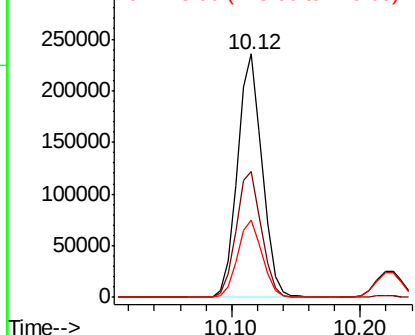
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 312539
Ion Ratio Lower Upper
117 100
82 51.8 47.8 71.6
119 31.7 29.3 43.9

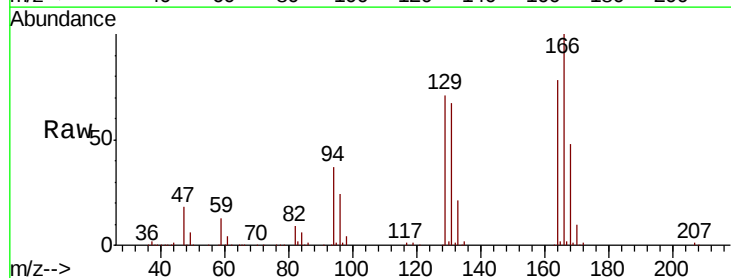


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

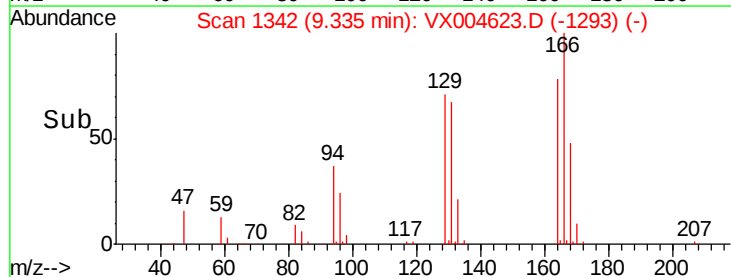
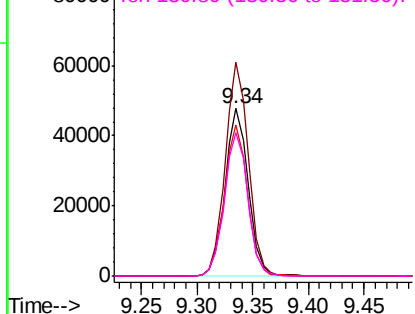


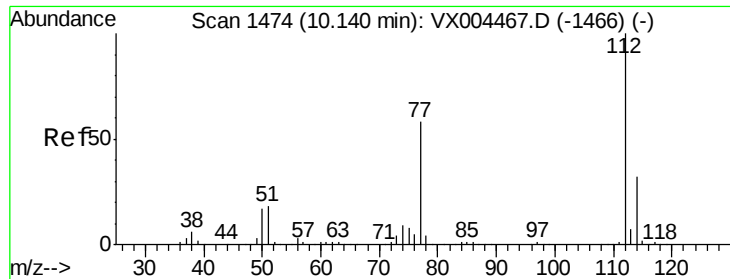
#64
Tetrachloroethene
Concen: 17.56 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion:164 Resp: 68512
Ion Ratio Lower Upper
164 100
166 127.8 102.8 154.2
129 90.3 69.4 104.0
131 85.5 67.9 101.9



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

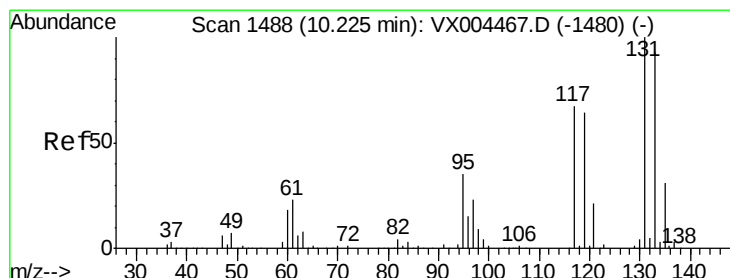
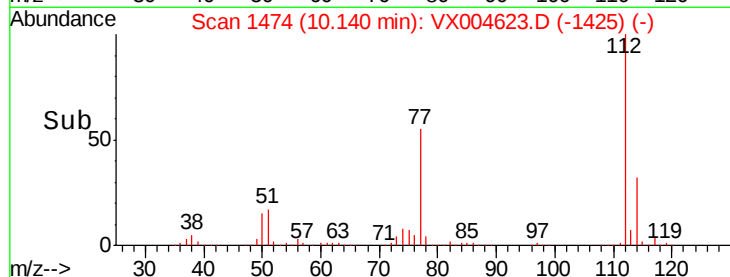
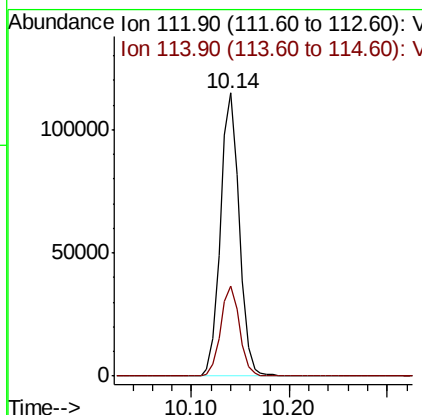
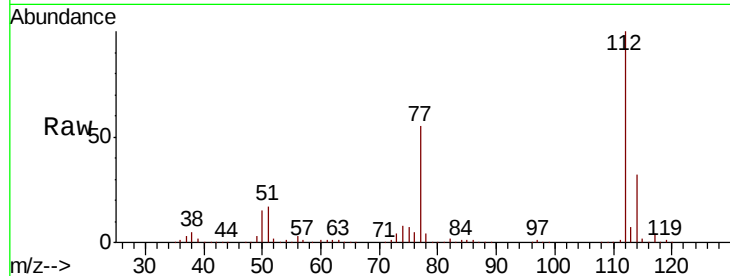




#65
Chlorobenzene
Concen: 19.72 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

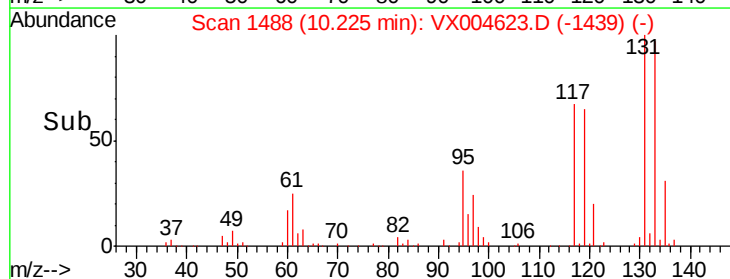
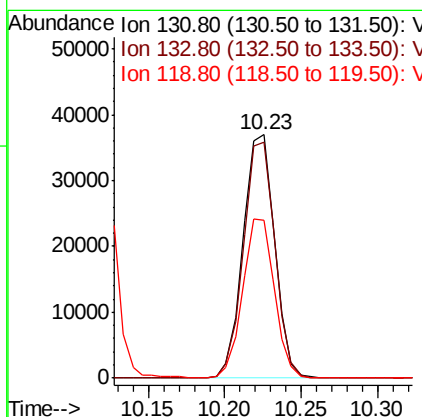
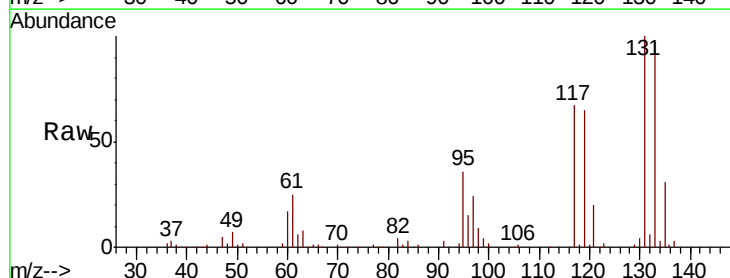
Instrument :
MSVOA_X
ClientSampled :

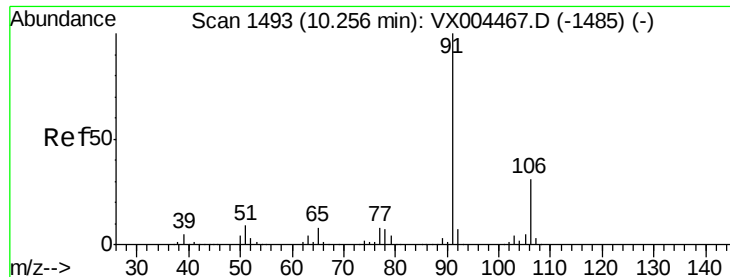
Tot Ion:112 Resp: 153105
Ion Ratio Lower Upper
112 100
114 32.0 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.84 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion:131 Resp: 53106
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.4
119 65.4 32.9 98.6

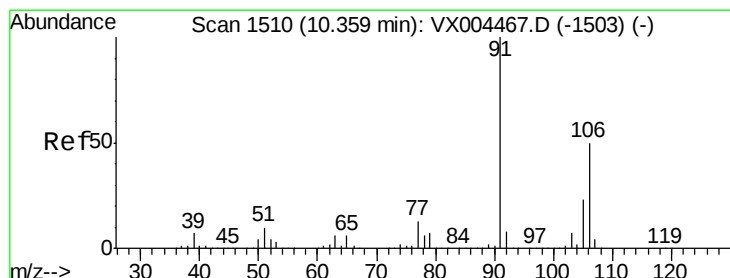
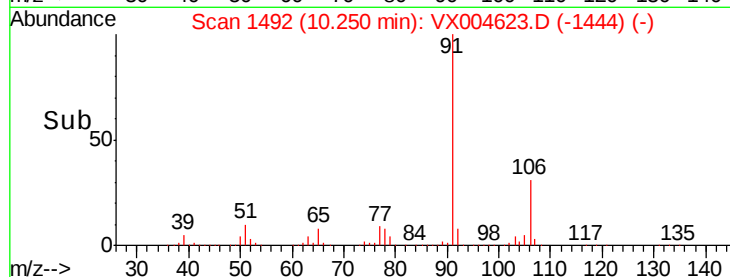
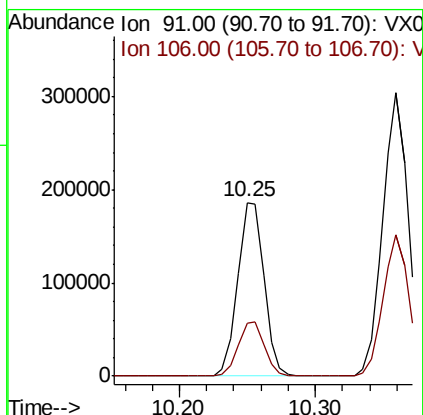
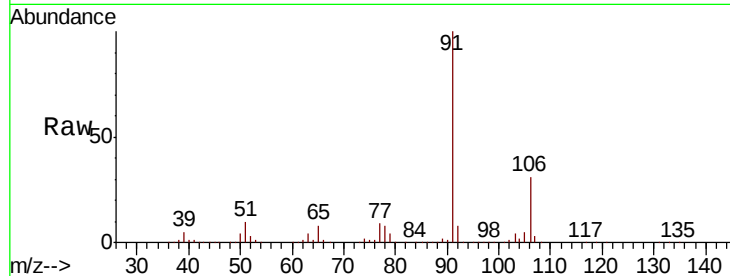




#67
Ethyl Benzene
Concen: 19.94 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

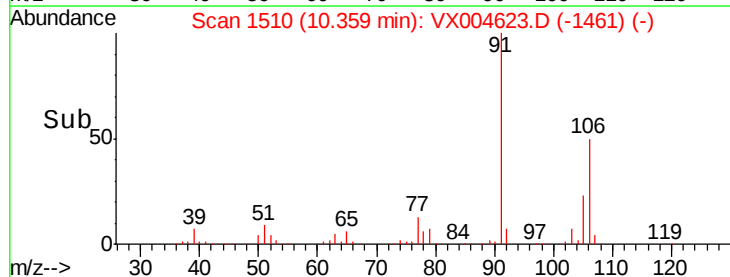
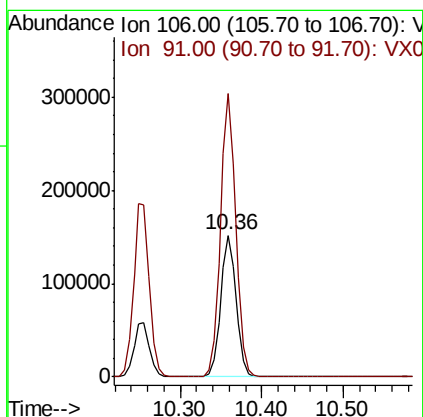
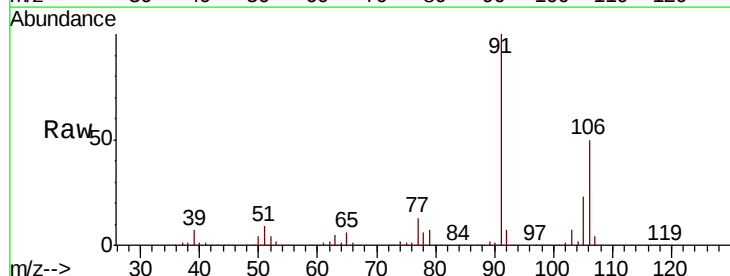
Instrument :
MSVOA_X
ClientSampleId :

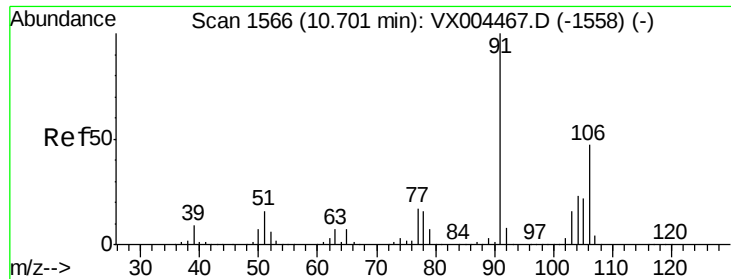
Tot Ion: 91 Resp: 251687
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9



#68
m/p-Xylenes
Concen: 41.17 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 106 Resp: 200206
Ion Ratio Lower Upper
106 100
91 199.5 157.1 235.7

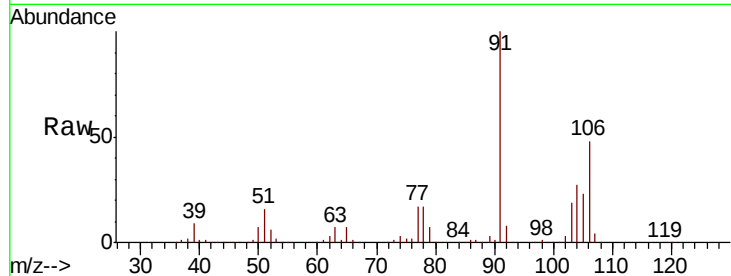




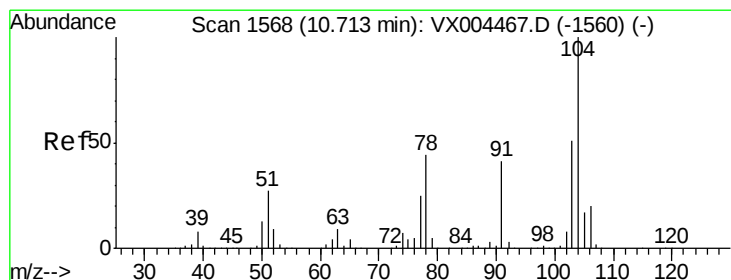
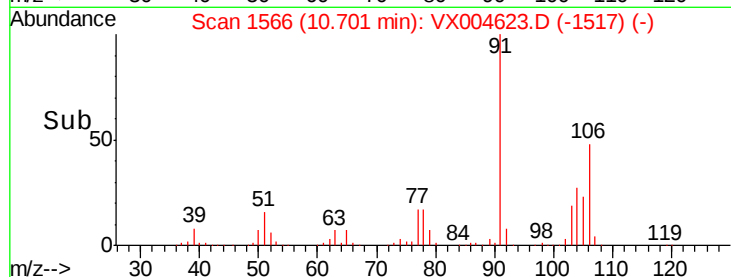
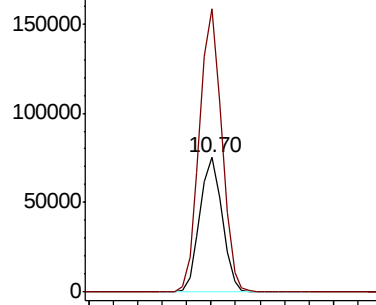
#69
o-Xylene
Concen: 20.44 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 95552
Ion Ratio Lower Upper
106 100
91 209.3 105.1 315.1

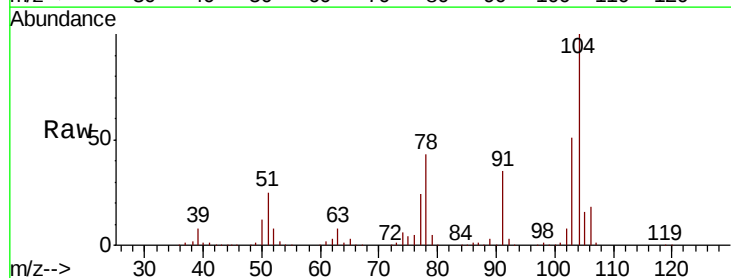


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

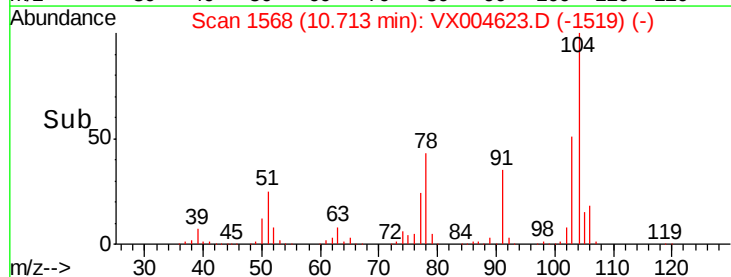
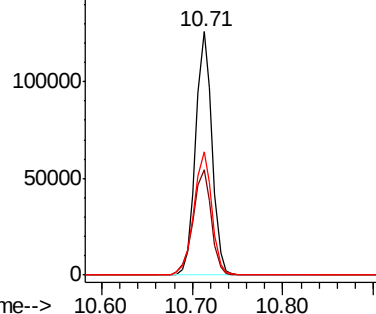


#70
Styrene
Concen: 20.52 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion:104 Resp: 158940
Ion Ratio Lower Upper
104 100
78 48.2 37.4 56.0
103 55.6 43.8 65.6



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

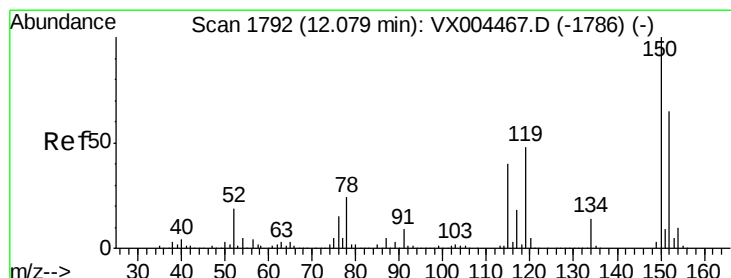
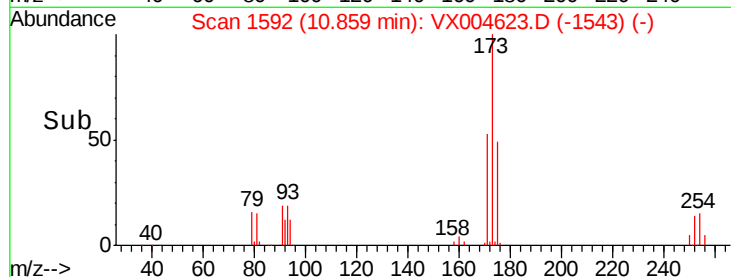
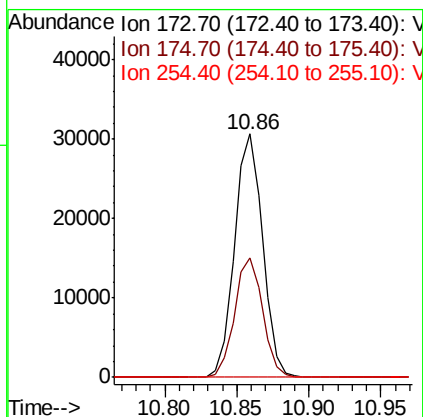
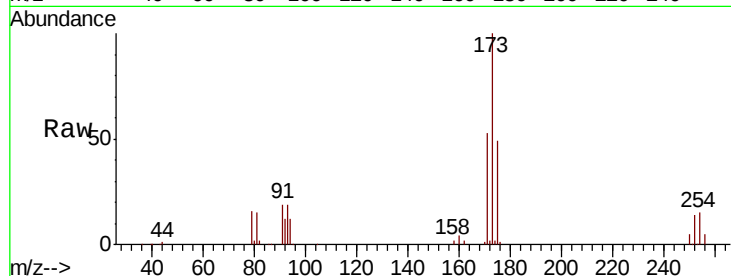




#71
Bromoform
Concen: 19.01 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

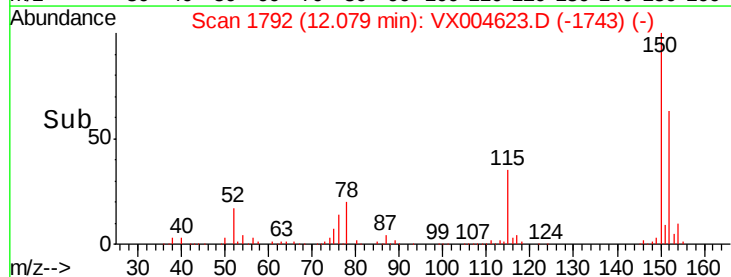
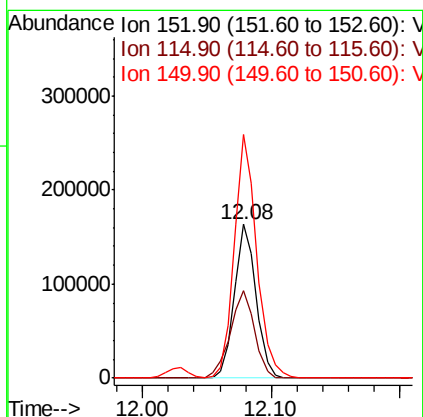
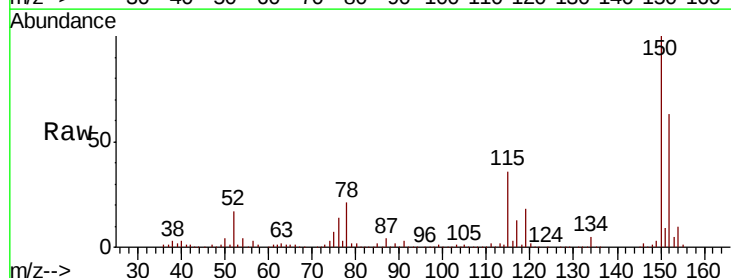
Instrument :
MSVOA_X
ClientSampleId :

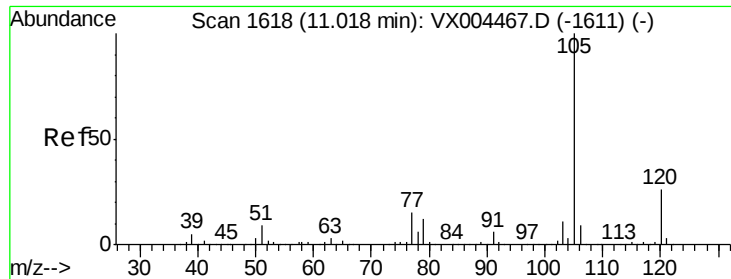
Tot Ion:173 Resp: 41776
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion:152 Resp: 191470
Ion Ratio Lower Upper
152 100
115 64.1 39.0 117.0
150 164.5 0.0 351.0





#73

Isopropylbenzene

Concen: 20.67 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

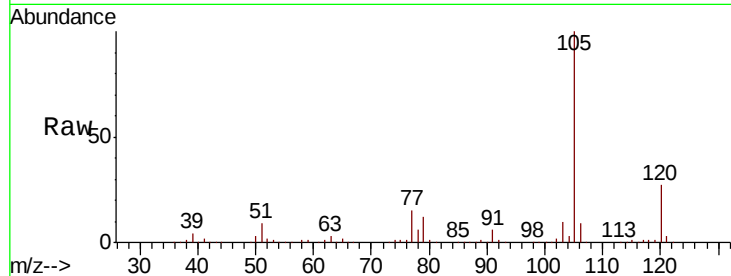
ClientSampleId :

Tot Ion:105 Resp: 260682

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

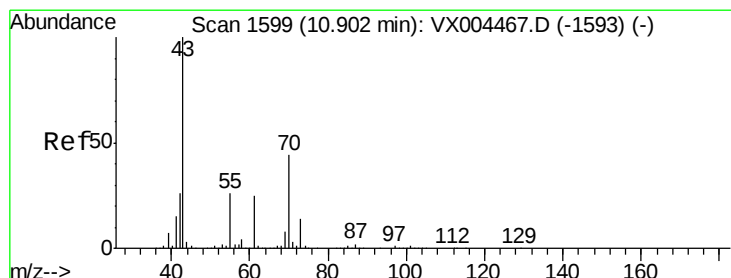
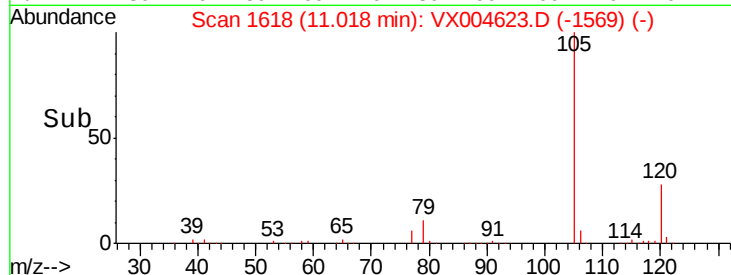
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 18.41 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Tgt Ion: 43 Resp: 97725

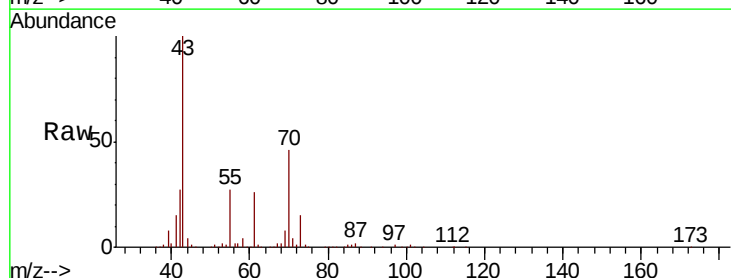
Ion Ratio Lower Upper

43 100

70 43.9 37.4 56.0

55 27.3 21.8 32.8

61 25.1 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

120000

100000

80000

60000

40000

20000

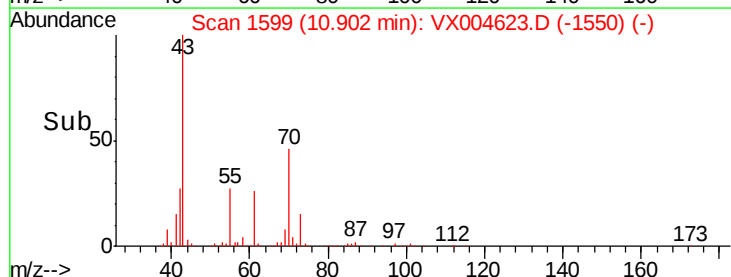
0

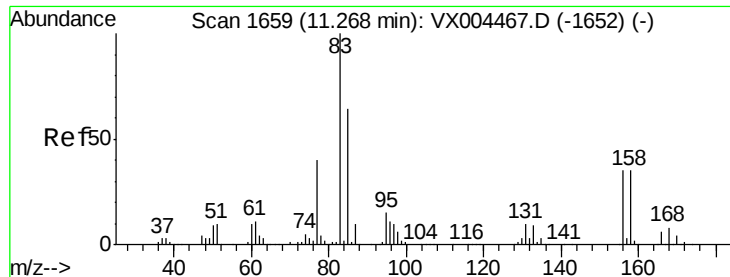
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.95 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

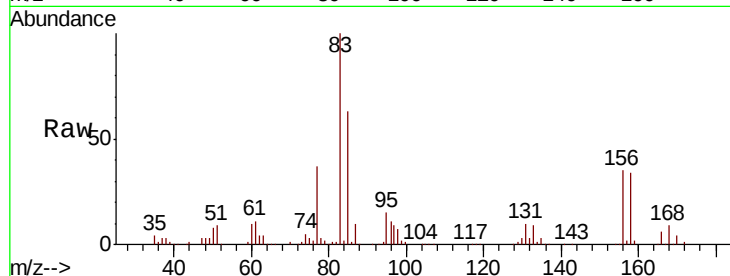
Tot Ion: 83 Resp: 77083

Ion Ratio Lower Upper

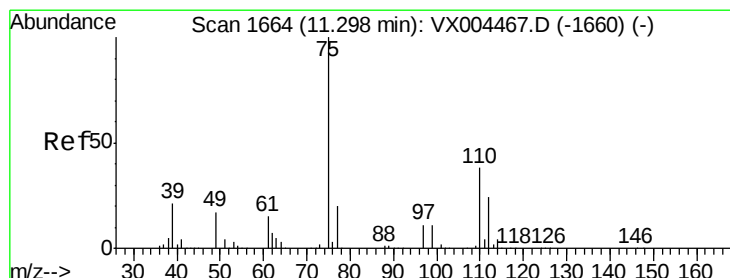
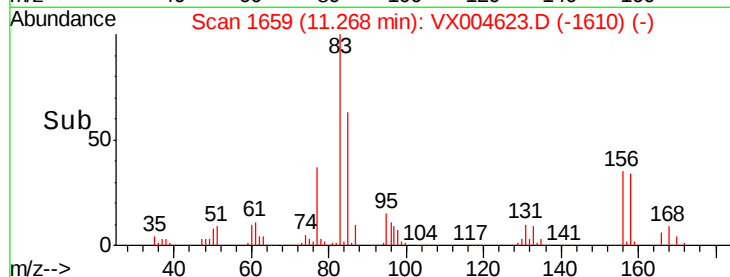
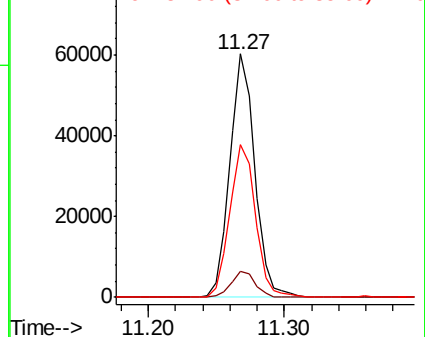
83 100

131 10.4 5.2 15.6

85 64.7 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: 23.76 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004623.D

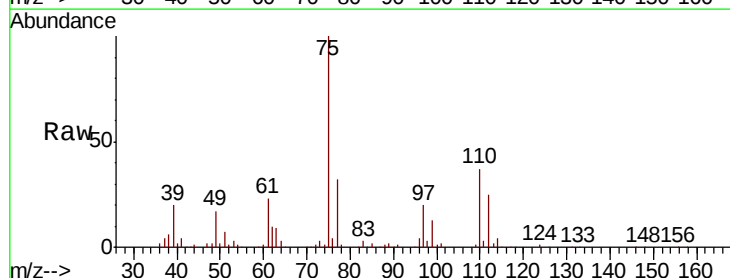
Acq: 17 Sep 2018 17:18

Tgt Ion: 75 Resp: 91532

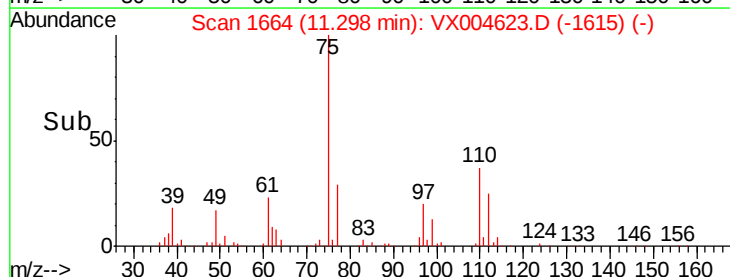
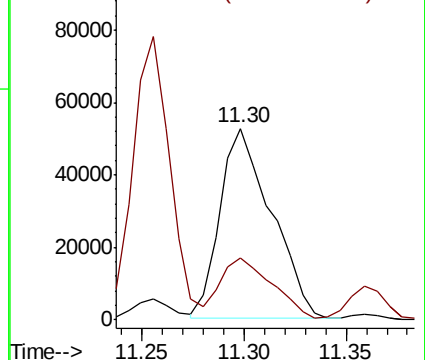
Ion Ratio Lower Upper

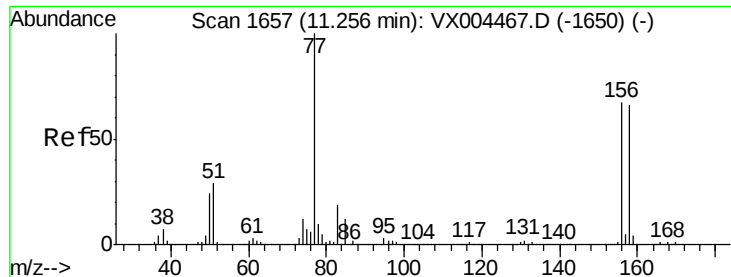
75 100

77 32.9 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: 19.92 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

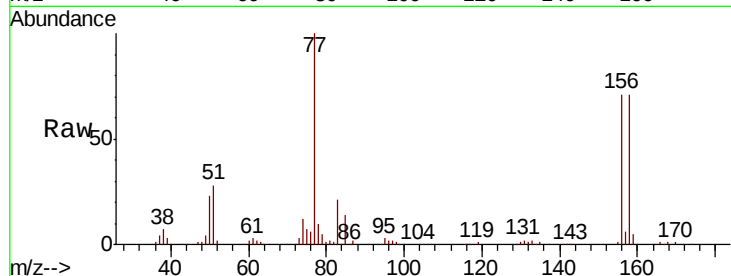
Tot Ion:156 Resp: 69433

Ion Ratio Lower Upper

156 100

77 142.8 71.5 214.3

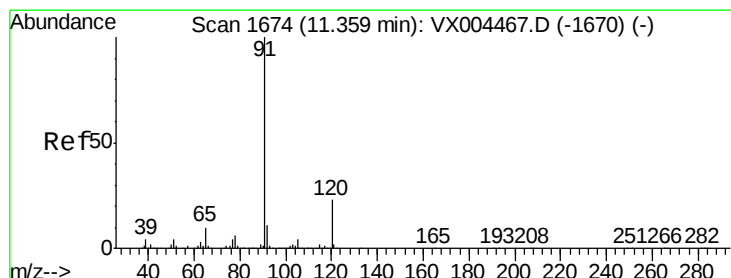
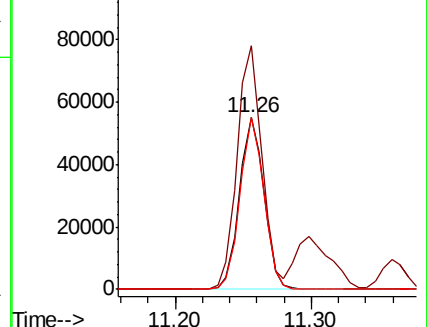
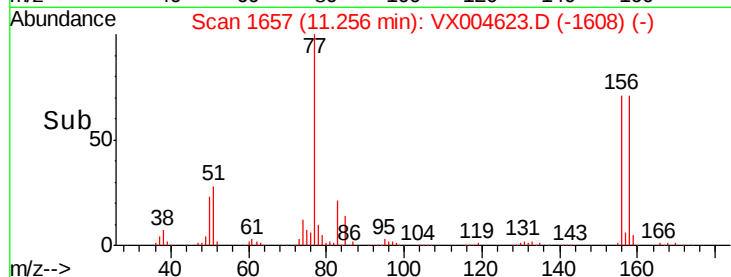
158 97.3 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.69 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004623.D

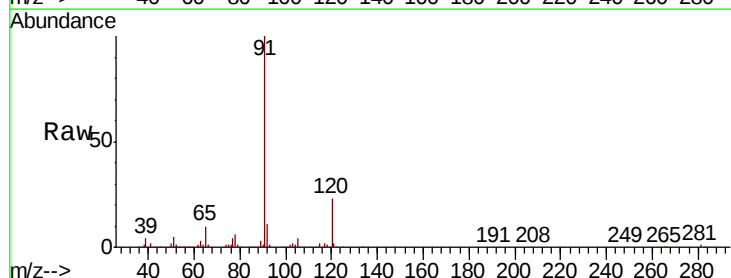
Acq: 17 Sep 2018 17:18

Tgt Ion: 91 Resp: 300035

Ion Ratio Lower Upper

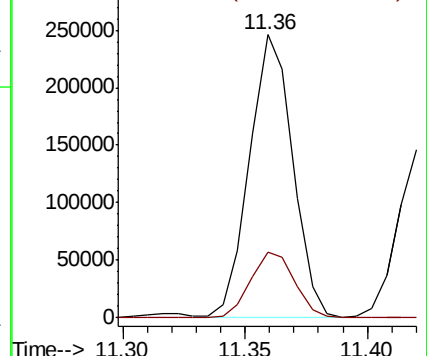
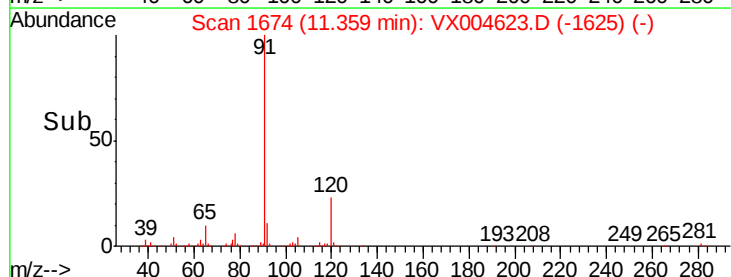
91 100

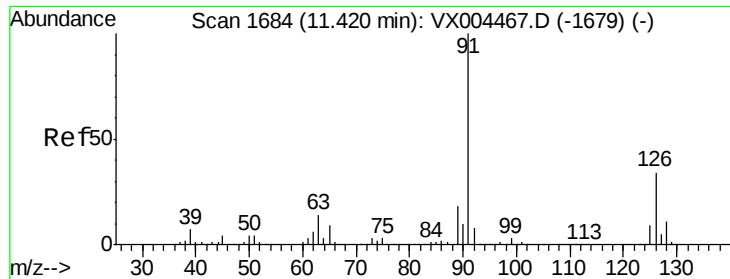
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.23 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

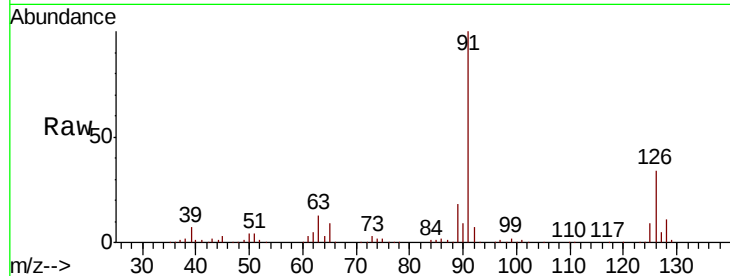
ClientSampleId :

Tot Ion: 91 Resp: 177910

Ion Ratio Lower Upper

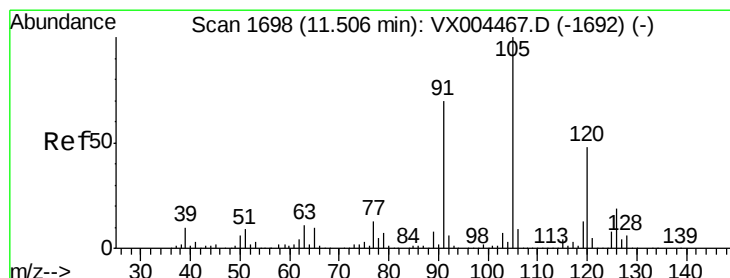
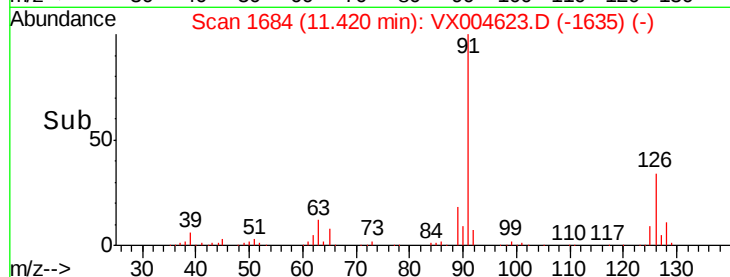
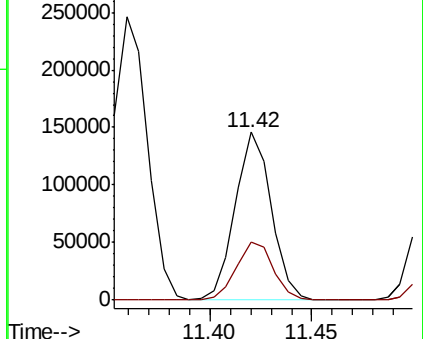
91 100

126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.79 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004623.D

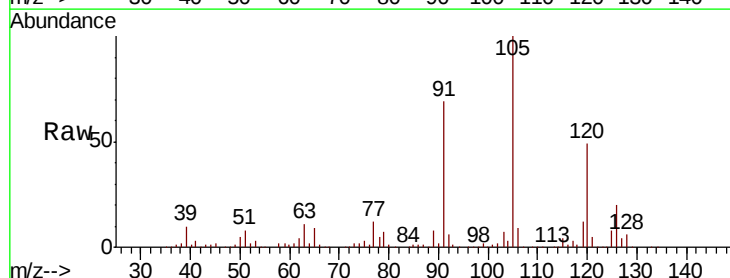
Acq: 17 Sep 2018 17:18

Tgt Ion:105 Resp: 220420

Ion Ratio Lower Upper

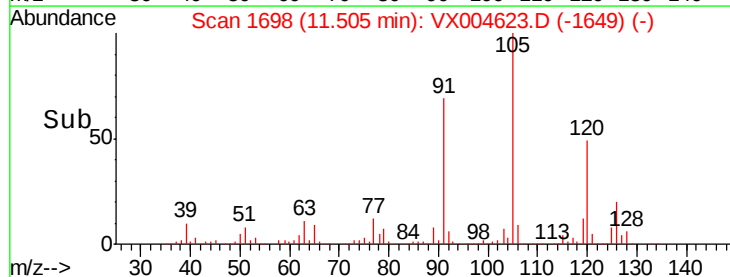
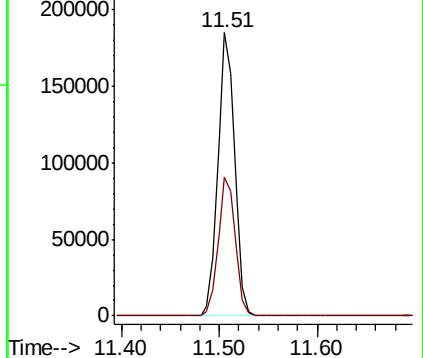
105 100

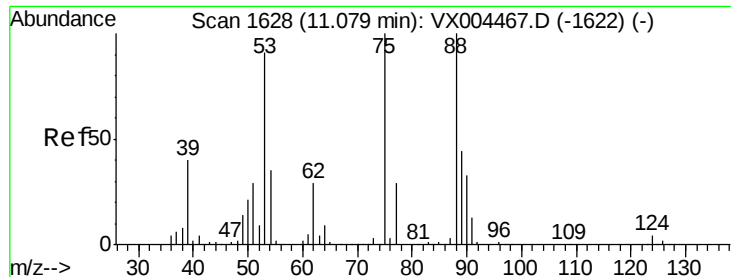
120 49.6 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.46 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

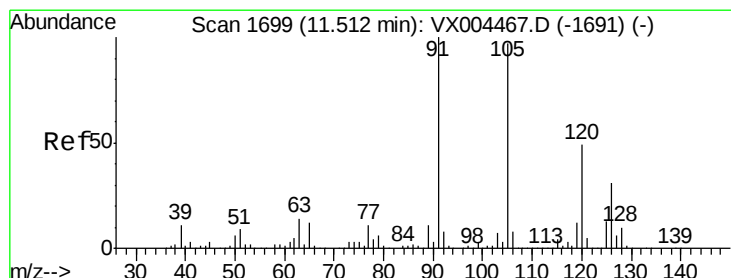
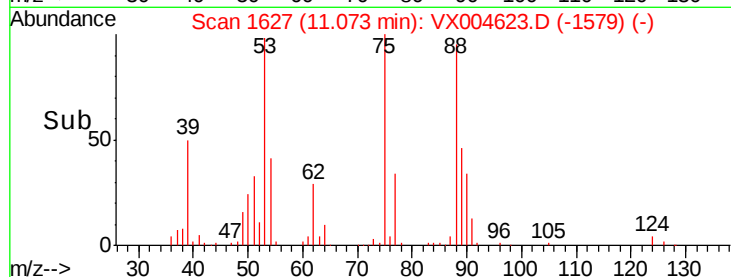
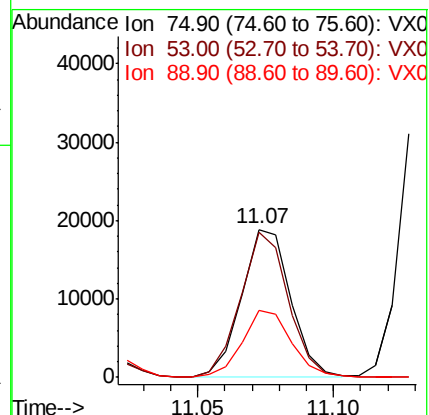
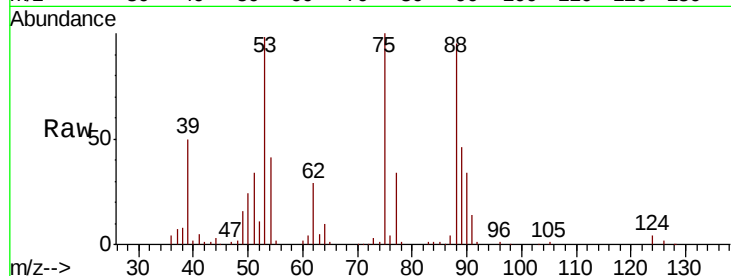
Tot Ion: 75 Resp: 23519

Ion Ratio Lower Upper

75 100

53 95.5 80.1 120.1

89 46.3 37.2 55.8



#82

4-Chlorotoluene

Concen: 20.13 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004623.D

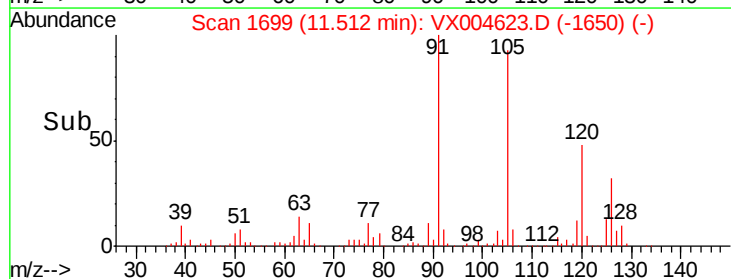
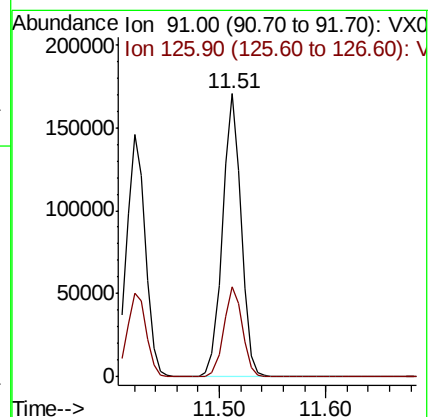
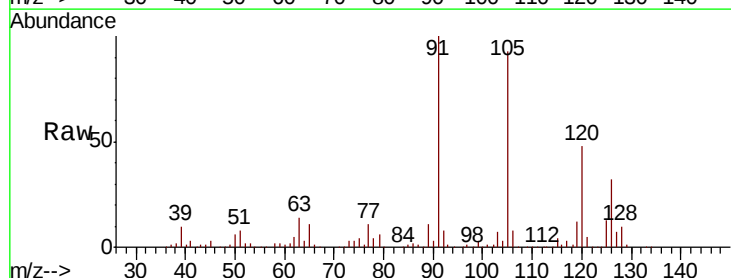
Acq: 17 Sep 2018 17:18

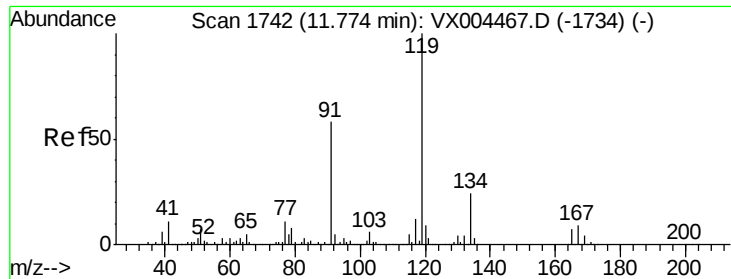
Tgt Ion: 91 Resp: 206581

Ion Ratio Lower Upper

91 100

126 32.1 15.5 46.5





#83

tert-Butylbenzene

Concen: 20.81 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004623.D

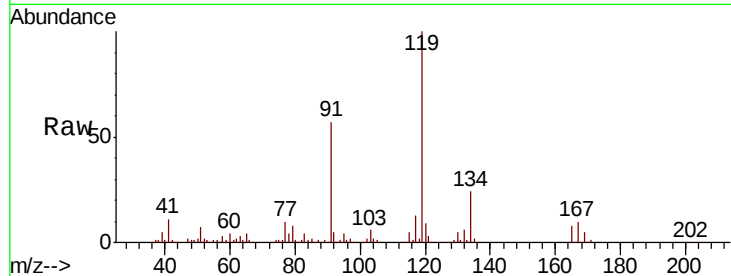
Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

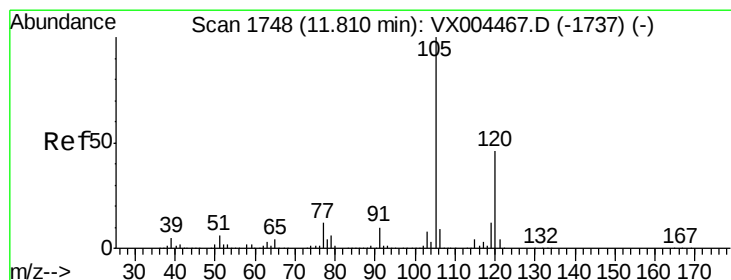
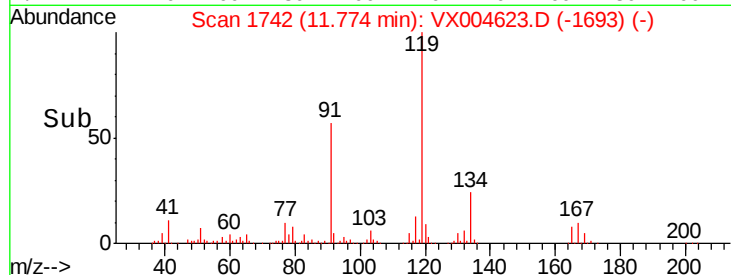
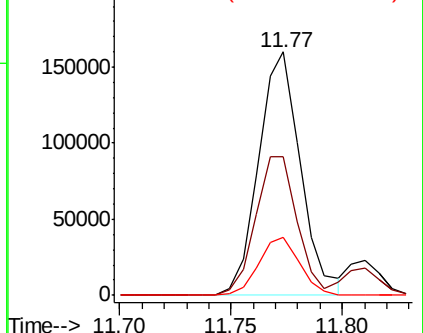
Tot Ion:119	Resp:	210067
Ion Ratio	Lower	Upper
119	100	
91	56.6	27.0 81.0
134	23.4	11.7 35.1



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: 20.91 ug/l

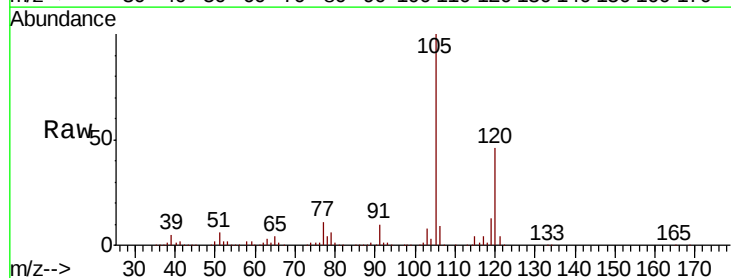
RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004623.D

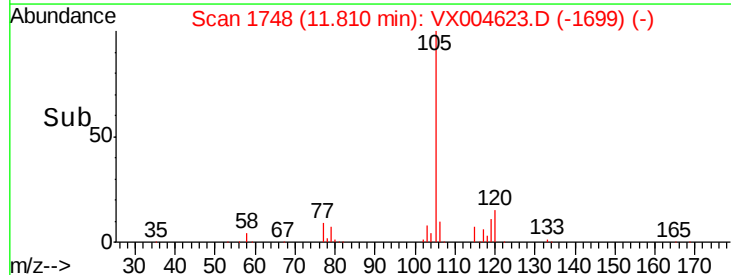
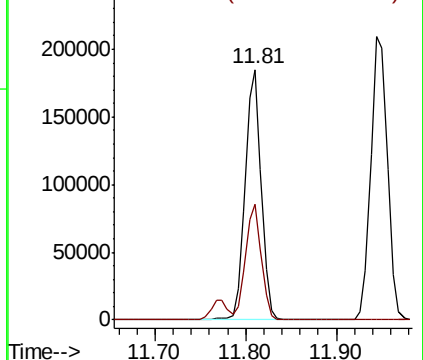
Acq: 17 Sep 2018 17:18

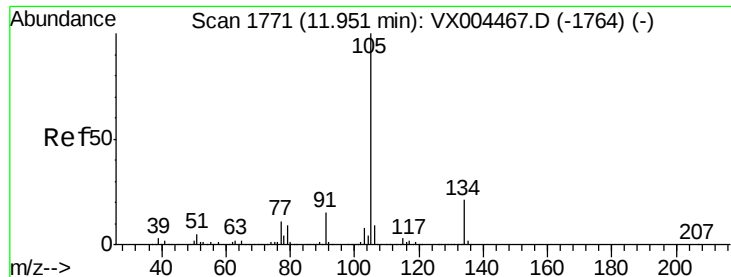
Tgt Ion:105	Resp:	226346
Ion Ratio	Lower	Upper
105	100	
120	45.5	23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.74 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

Instrument :

MSVOA_X

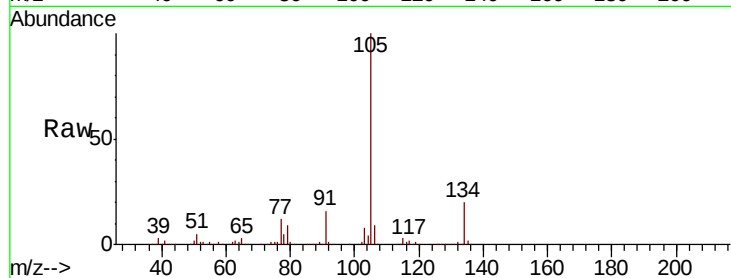
ClientSampleId :

Tot Ion:105 Resp: 266673

Ion Ratio Lower Upper

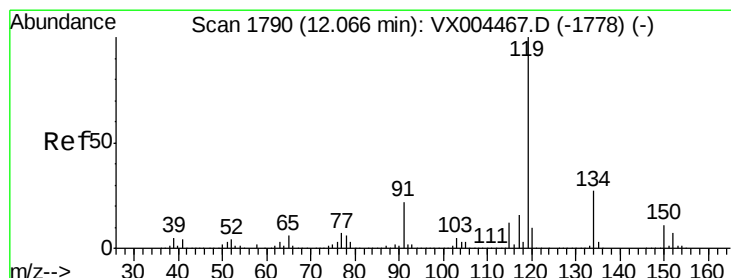
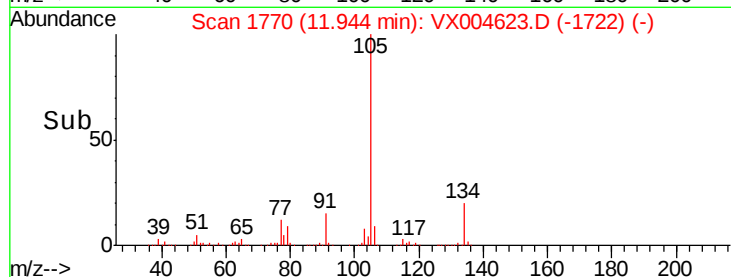
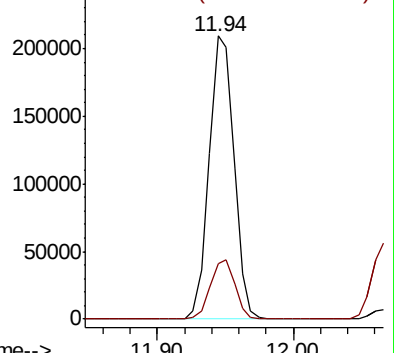
105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.25 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004623.D

Acq: 17 Sep 2018 17:18

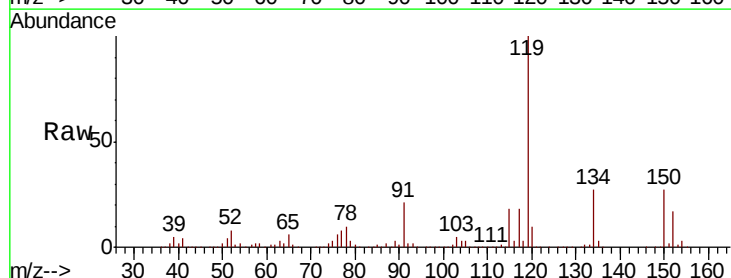
Tgt Ion:119 Resp: 241305

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

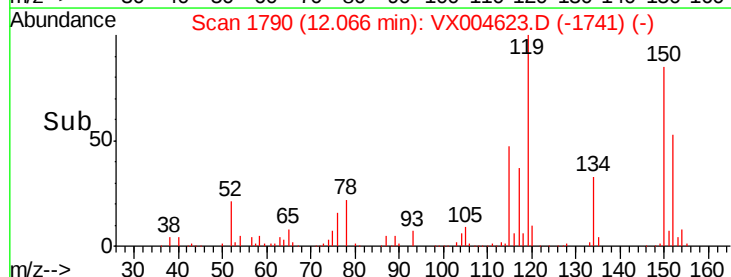
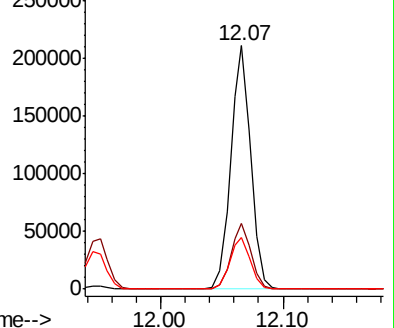
91 22.0 10.9 32.7

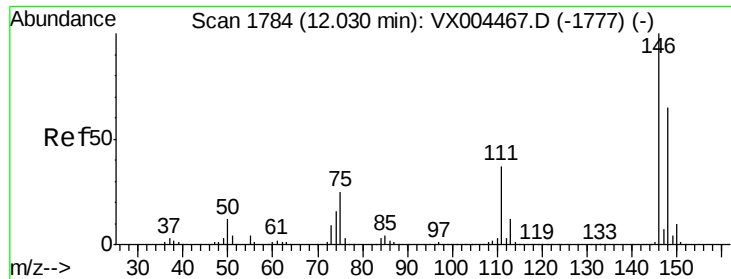


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

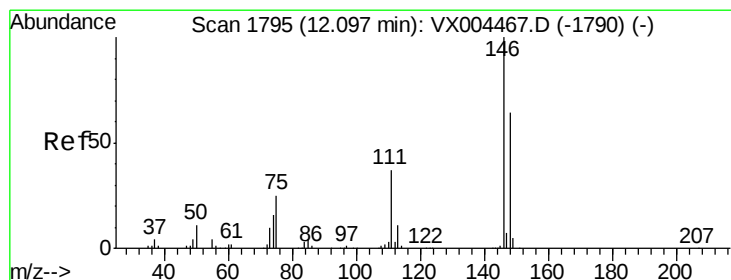
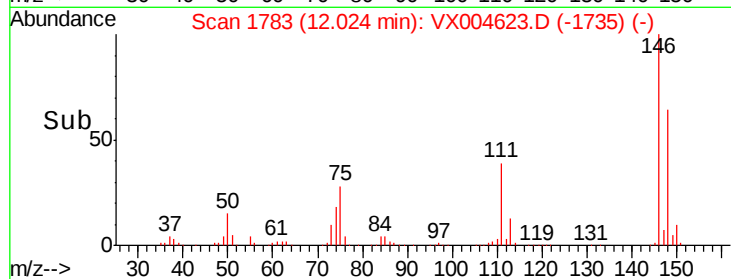
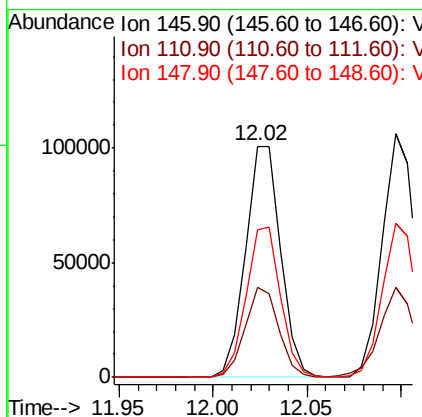
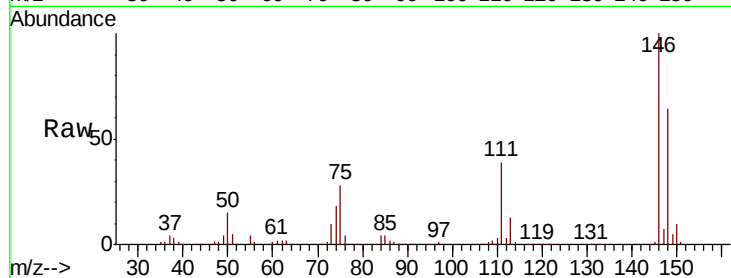




#87
 1,3-Dichlorobenzene
 Concen: 20.16 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

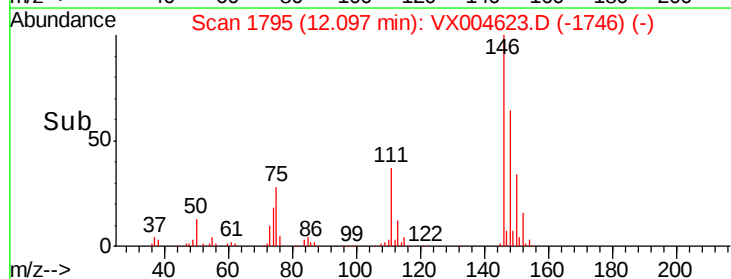
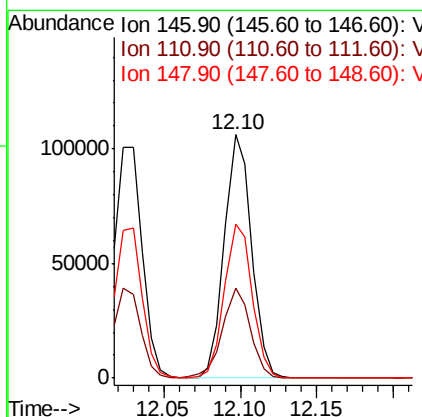
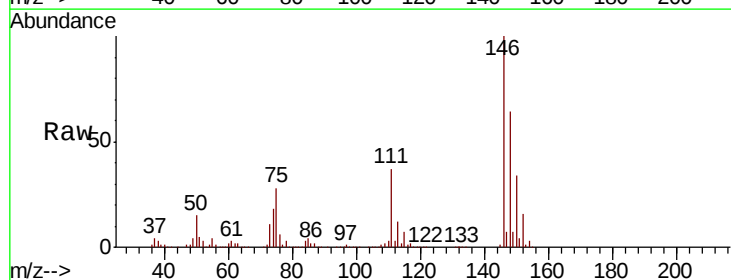
Instrument :
 MSVOA_X
 ClientSampleId :

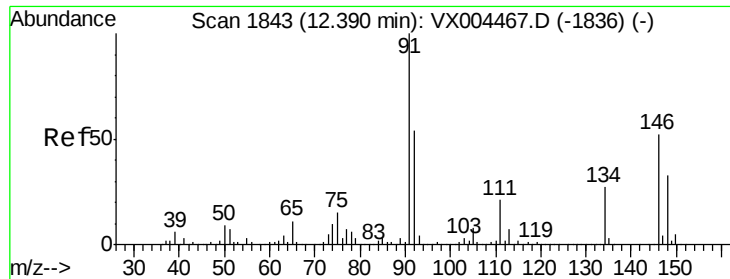
Tot Ion:146 Resp: 131073
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.7 56.1
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.50 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Tgt Ion:146 Resp: 131044
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.1 54.1
 148 65.1 32.0 96.0

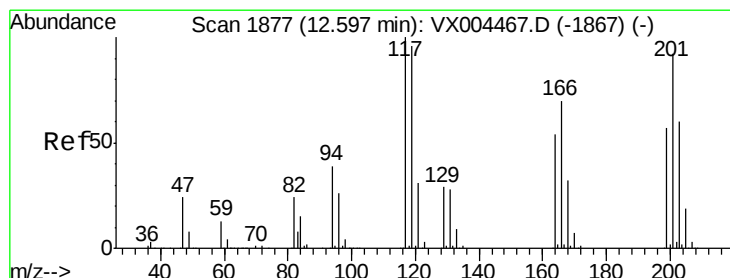
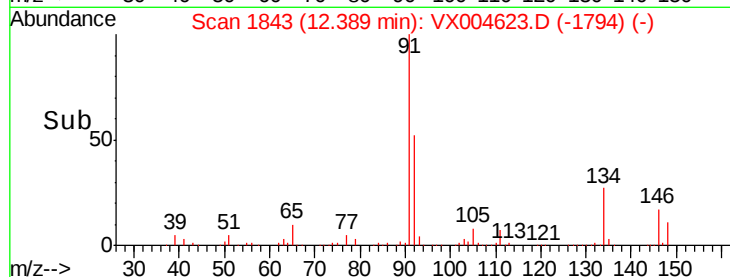
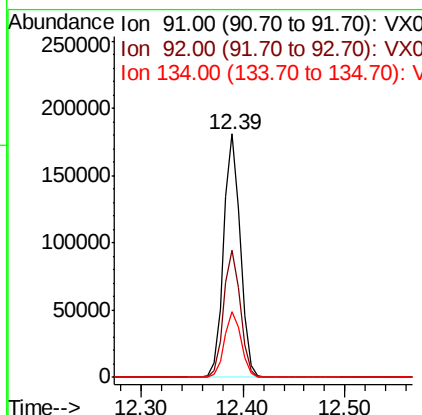
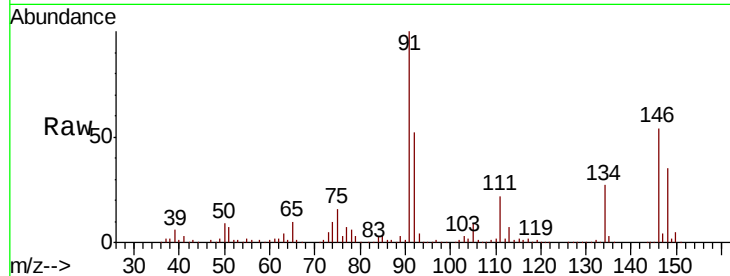




#89
n-Butylbenzene
Concen: 19.92 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

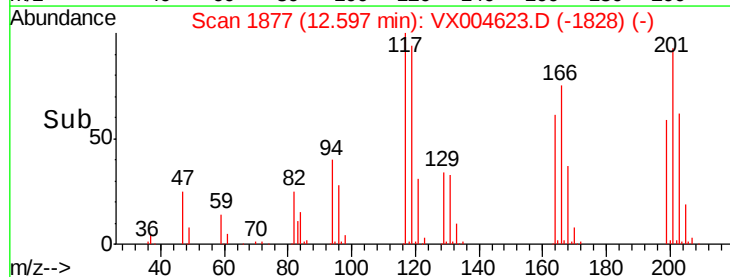
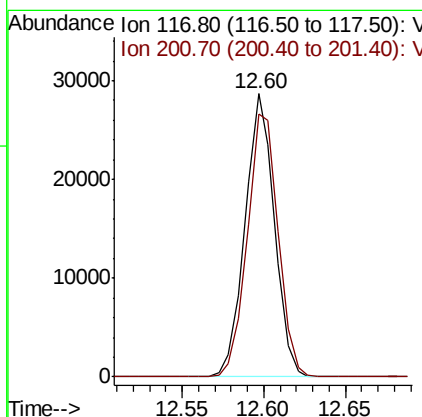
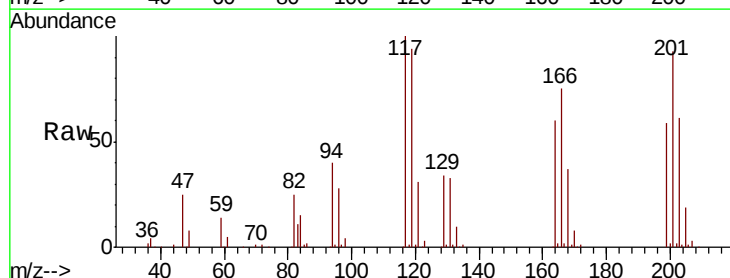
Instrument :
MSVOA_X
ClientSampleId :

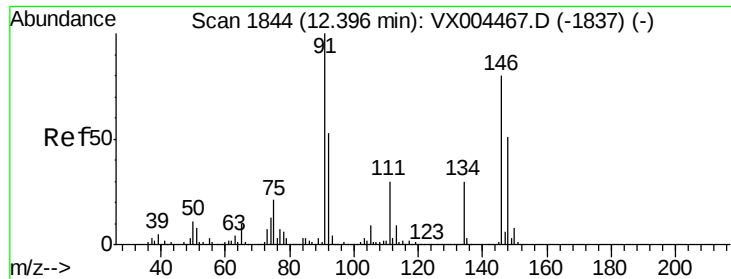
Tot Ion: 91 Resp: 206204
Ion Ratio Lower Upper
91 100
92 52.4 27.3 81.9
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 19.75 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 117 Resp: 35908
Ion Ratio Lower Upper
117 100
201 97.9 46.9 140.6

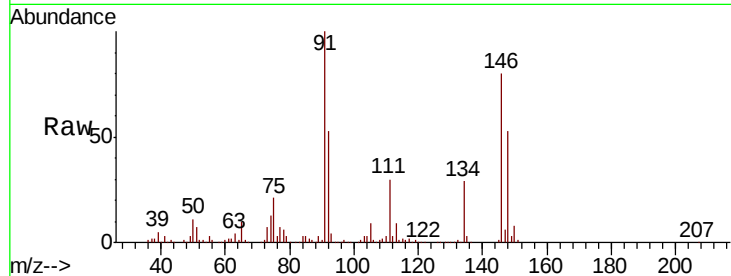




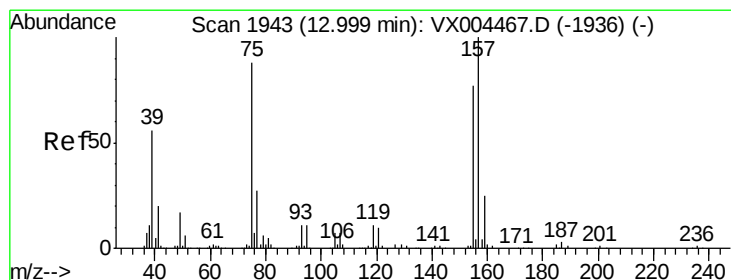
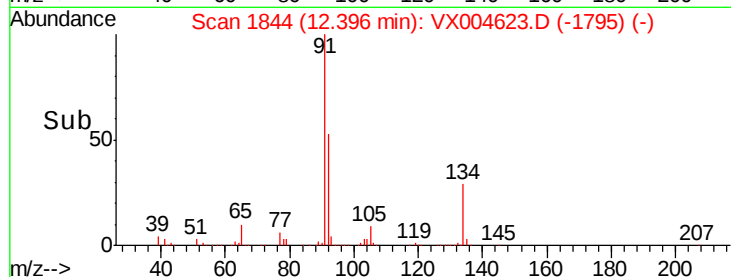
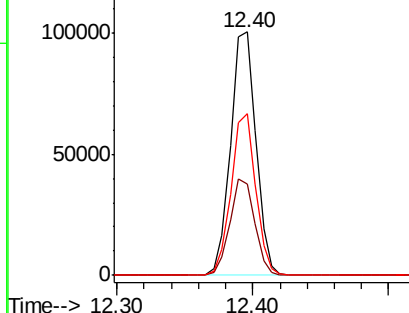
#91
1,2-Dichlorobenzene
Concen: 19.83 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 130495
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.1
148 64.4 32.8 98.3

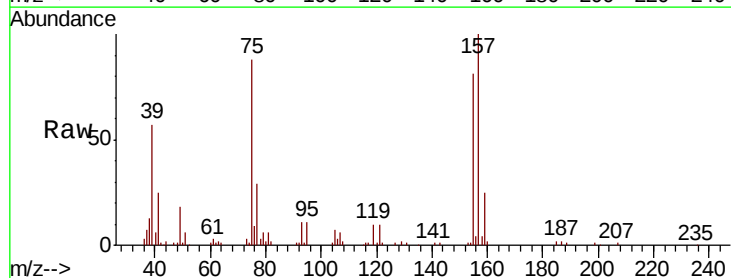


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

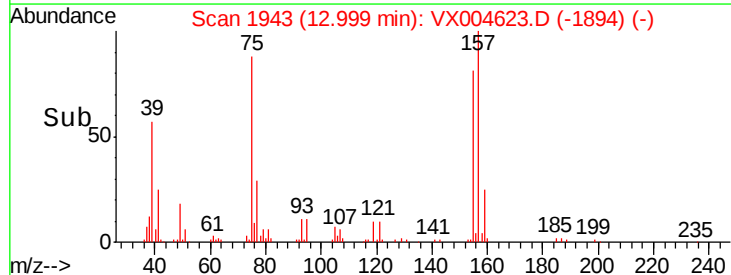
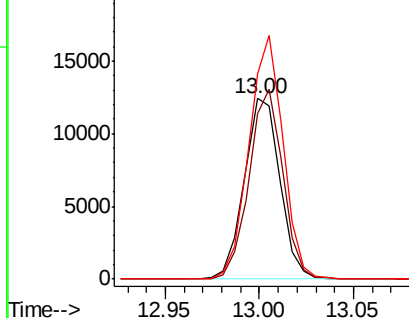


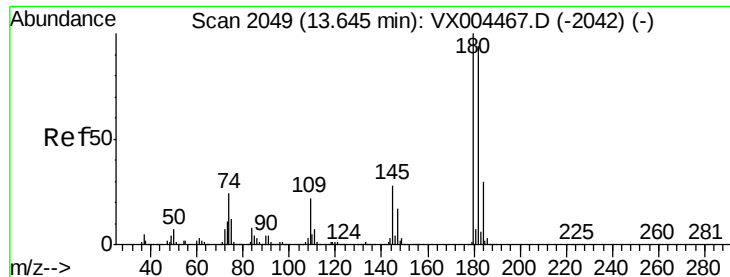
#92
1,2-Dibromo-3-Chloropropane
Concen: 18.71 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion: 75 Resp: 16248
Ion Ratio Lower Upper
75 100
155 99.8 48.0 144.2
157 128.8 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

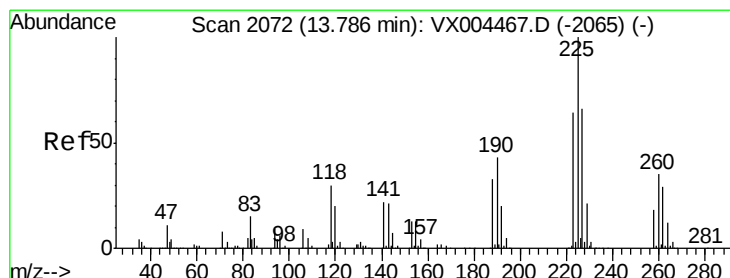
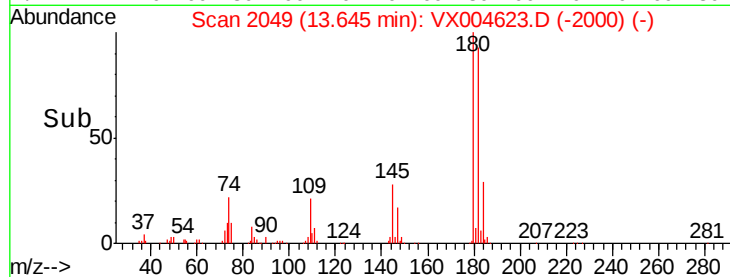
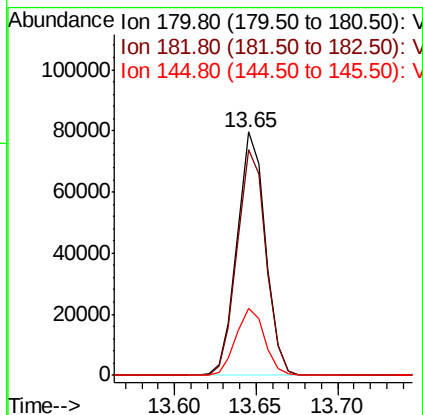
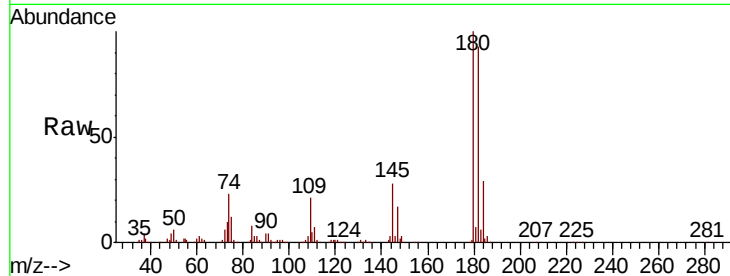




#93
 1,2,4-Trichlorobenzene
 Concen: 20.76 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

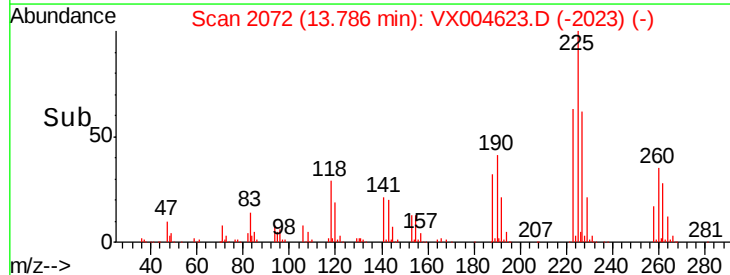
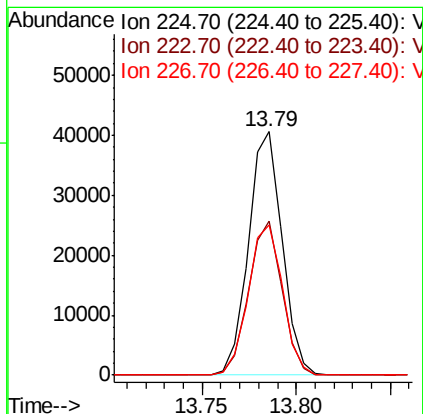
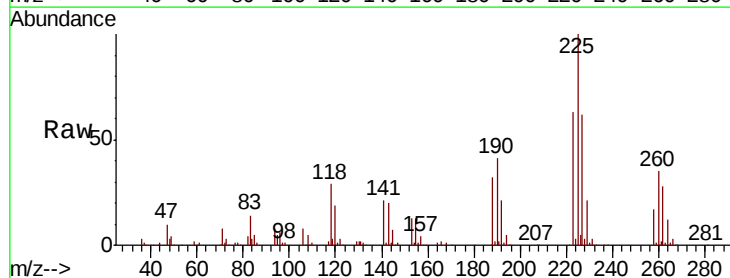
Instrument :
 MSVOA_X
 ClientSampled :

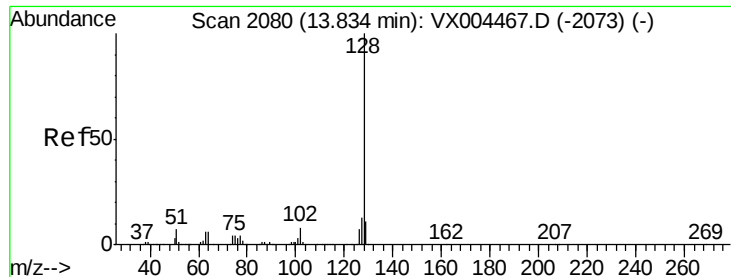
Tot Ion:180 Resp: 96740
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.4 145.0
 145 27.8 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 20.65 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004623.D
 Acq: 17 Sep 2018 17:18

Tgt Ion:225 Resp: 50271
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.1 90.5
 227 63.0 30.8 92.4

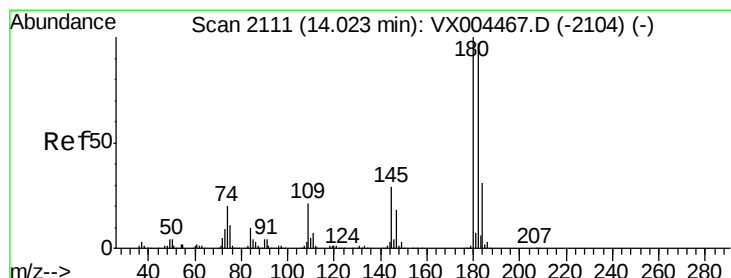
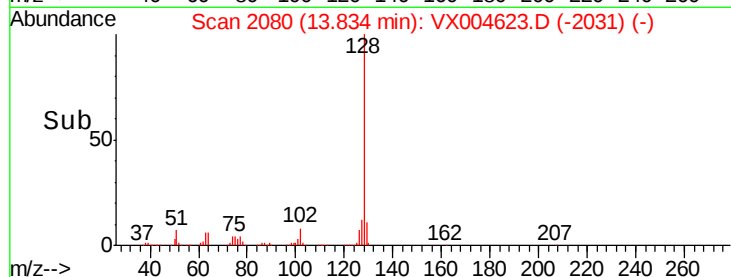
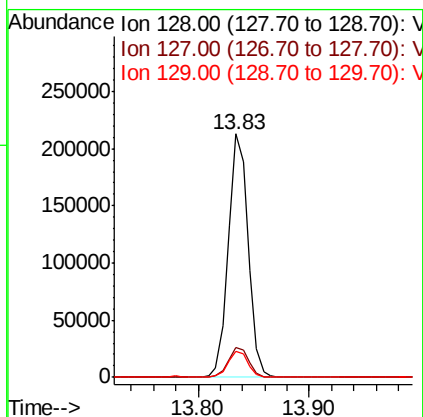
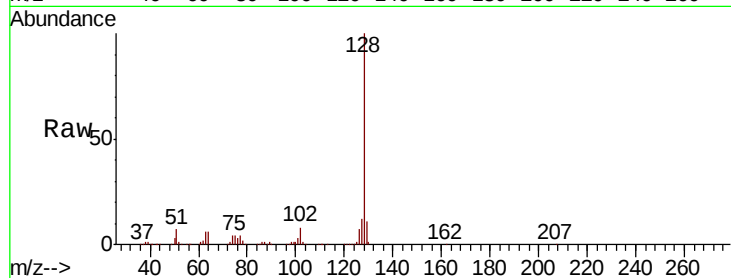




#95
Naphthalene
Concen: 20.05 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.23 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004623.D
Acq: 17 Sep 2018 17:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.5	145.6
145	29.9	14.9	44.9

