

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
 Data File : VX006813.D
 Acq On : 26 Dec 2018 12:56
 Operator : JC/MD
 Sample : VX1226WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

Quant Time: Dec 27 03:02:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	568208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	836460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	765494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	408450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	293243	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.50	113	261039	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	8.71	98	979661	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	358920	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91098	17.525	ug/l	98
3) Chloromethane	1.33	50	102181	18.246	ug/l	96
4) Vinyl Chloride	1.41	62	111200	19.012	ug/l	98
5) Bromomethane	1.64	94	105927	18.188	ug/l	99
6) Chloroethane	1.72	64	71787	17.726	ug/l	99
7) Trichlorofluoromethane	1.93	101	170386	18.685	ug/l	100
8) Diethyl Ether	2.19	74	69028	19.058	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104025	19.429	ug/l	100
10) Methyl Iodide	2.51	142	150802	19.676	ug/l	99
11) Tert butyl alcohol	3.06	59	153372	112.222	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95666	18.844	ug/l	98
13) Acrolein	2.29	56	78317	84.945	ug/l	98
14) Allyl chloride	2.73	41	166880	19.529	ug/l	99
15) Acrylonitrile	3.15	53	312877	103.108	ug/l	99
16) Acetone	2.45	43	283540	100.778	ug/l	97
17) Carbon Disulfide	2.57	76	205696	15.310	ug/l	100
18) Methyl Acetate	2.78	43	186916	22.593	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	342793	20.344	ug/l	96
20) Methylene Chloride	2.86	84	116574	20.037	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	102477	18.218	ug/l	99
22) Diisopropyl ether	3.87	45	324306	20.745	ug/l	96
23) Vinyl Acetate	3.82	43	1283441	100.366	ug/l	100
24) 1,1-Dichloroethane	3.70	63	179289	19.212	ug/l	99
25) 2-Butanone	4.70	43	405661	102.503	ug/l	98
26) 2,2-Dichloropropane	4.59	77	130593	18.116	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	121687	19.607	ug/l	99
28) Bromochloromethane	5.01	49	79262	18.999	ug/l	100
29) Tetrahydrofuran	5.15	42	269769	103.496	ug/l	98
30) Chloroform	5.21	83	190560	19.718	ug/l	97
31) Cyclohexane	5.57	56	156423	18.450	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	156817	19.217	ug/l	99
36) 1,1-Dichloropropene	5.81	75	134564	19.424	ug/l	98
37) Ethyl Acetate	4.85	43	151258	20.977	ug/l	99
38) Carbon Tetrachloride	5.78	117	134975	20.048	ug/l	94

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 Sample : VX1226WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

Quant Time: Dec 27 03:02:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169090	18.539	ug/l	96
40) Benzene	6.15	78	419945	19.942	ug/l	99
41) Methacrylonitrile	5.06	41	84368	22.038	ug/l	99
42) 1,2-Dichloroethane	6.20	62	141586	19.731	ug/l	100
43) Isopropyl Acetate	6.46	43	235247	21.442	ug/l	100
44) Trichloroethene	7.21	130	123384	19.358	ug/l	94
45) 1,2-Dichloropropane	7.52	63	104783	20.447	ug/l	99
46) Dibromomethane	7.66	93	75791	20.107	ug/l	100
47) Bromodichloromethane	7.90	83	123096	19.670	ug/l	95
48) Methyl methacrylate	7.77	41	120532	21.604	ug/l	97
49) 1,4-Dioxane	7.75	88	65072	434.528	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	785879	112.579	ug/l	98
52) Toluene	8.78	92	272915	20.061	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	130951	19.511	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	150520	20.439	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115287	20.703	ug/l	97
56) Ethyl methacrylate	9.18	69	170290	21.637	ug/l	96
57) 1,3-Dichloropropane	9.37	76	180183	20.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	433614	103.644	ug/l	100
59) 2-Hexanone	9.49	43	608404	113.911	ug/l	99
60) Dibromochloromethane	9.58	129	104542	19.440	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123601	20.880	ug/l	98
64) Tetrachloroethene	9.34	164	124698	20.572	ug/l	96
65) Chlorobenzene	10.13	112	324529	20.039	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	107408	21.258	ug/l	99
67) Ethyl Benzene	10.25	91	530441	20.044	ug/l	100
68) m/p-Xylenes	10.36	106	420987	40.315	ug/l	99
69) o-Xylene	10.69	106	208694	20.239	ug/l	99
70) Styrene	10.71	104	331261	20.306	ug/l	98
71) Bromoform	10.85	173	76892	19.826	ug/l #	98
73) Isopropylbenzene	11.02	105	551728	19.745	ug/l	99
74) N-amyl acetate	10.90	43	221647	22.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177091	21.310	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189048	24.905	ug/l	92
77) Bromobenzene	11.26	156	151183	20.012	ug/l	99
78) n-propylbenzene	11.36	91	614400	19.967	ug/l	98
79) 2-Chlorotoluene	11.42	91	363394	19.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	455737	19.801	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38579	18.390	ug/l	90
82) 4-Chlorotoluene	11.51	91	422017	19.730	ug/l	100
83) tert-Butylbenzene	11.77	119	463535	20.123	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	471214	19.465	ug/l	98
85) sec-Butylbenzene	11.94	105	565721	20.031	ug/l	100
86) p-Isopropyltoluene	12.06	119	500440	20.158	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	273234	20.068	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	270319	19.368	ug/l	98
89) n-Butylbenzene	12.38	91	415127	19.648	ug/l	99
90) Hexachloroethane	12.60	117	65611	19.068	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	273598	20.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35708	20.766	ug/l	95

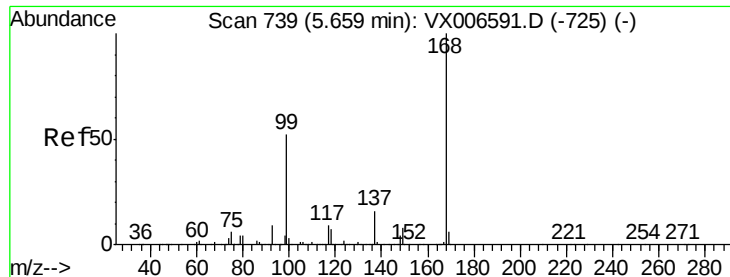
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006813.D
Acq On : 26 Dec 2018 12:56
Operator : JC/MD
Sample : VX1226WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

Quant Time: Dec 27 03:02:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	190660	20.294	ug/l	97
94) Hexachlorobutadiene	13.78	225	91119	20.577	ug/l	99
95) Naphthalene	13.83	128	599783	20.003	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	198675	20.482	ug/l	95

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

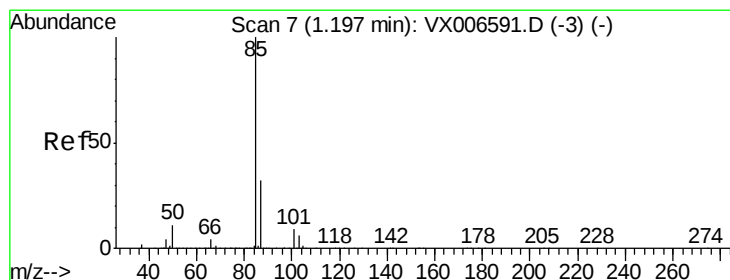
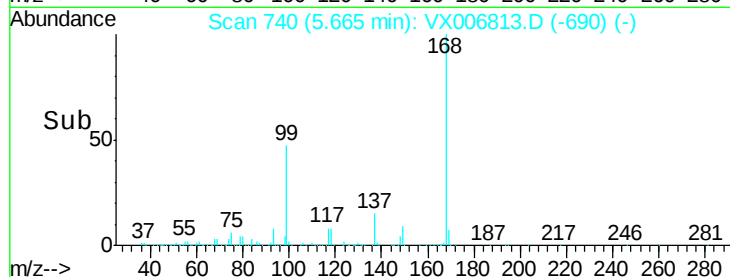
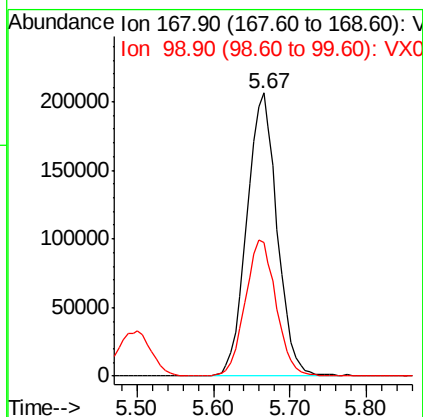
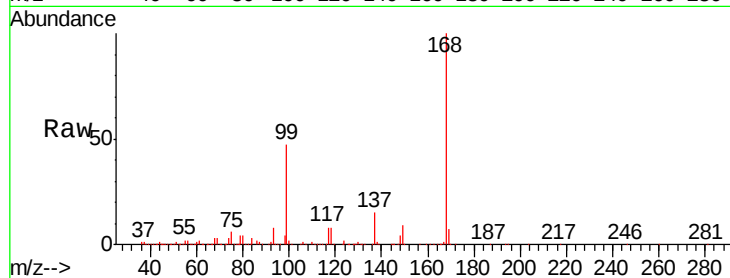


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

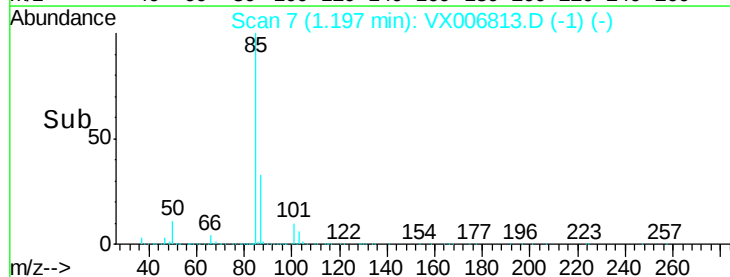
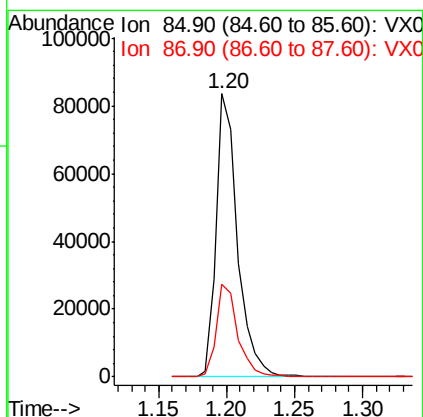
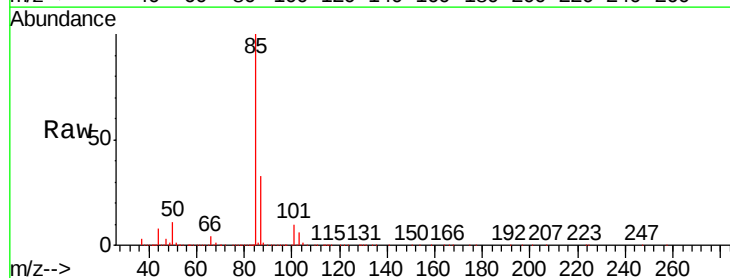
Tgt Ion:168 Resp: 568208
 Ion Ratio Lower Upper
 168 100
 99 47.1 41.8 62.8

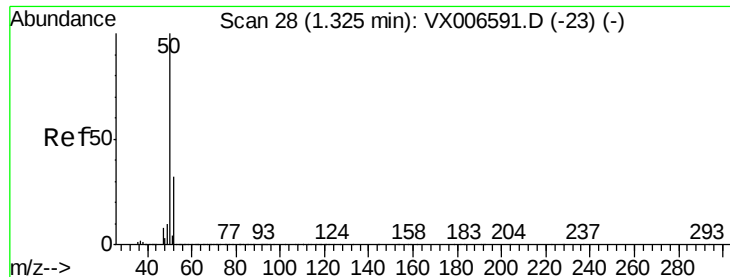


#2

Dichlorodifluoromethane
 Concen: 17.525 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion: 85 Resp: 91098
 Ion Ratio Lower Upper
 85 100
 87 32.6 15.9 47.6





#3

Chloromethane

Concen: 18.246 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

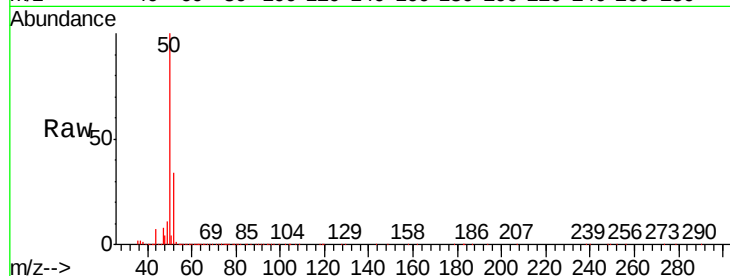
VX1226WBS01

Tgt Ion: 50 Resp: 102181

Ion Ratio Lower Upper

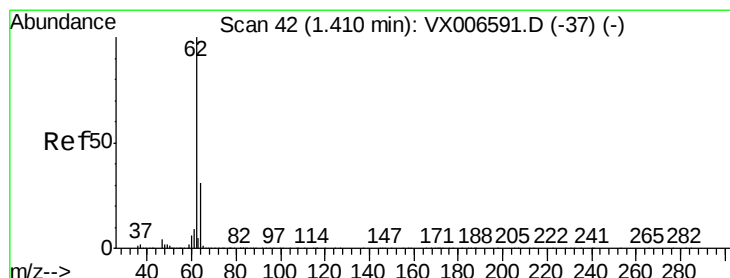
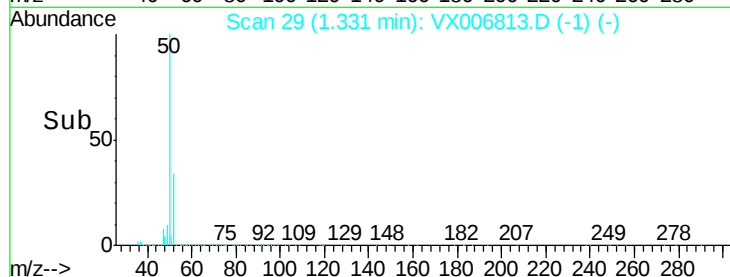
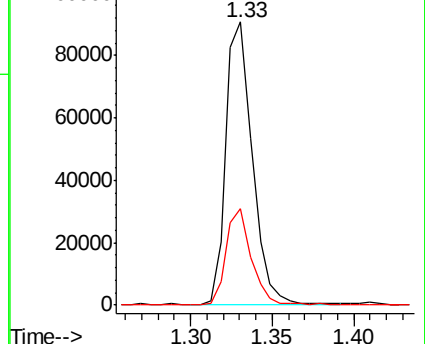
50 100

52 34.0 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.012 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006813.D

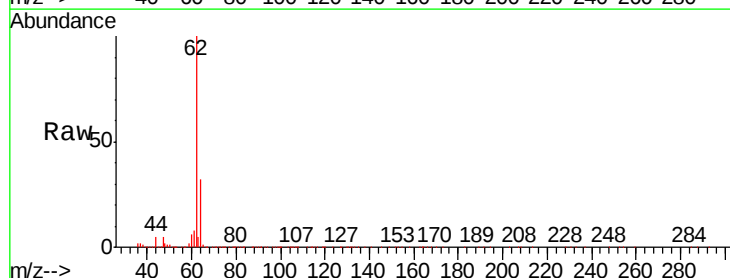
Acq: 26 Dec 2018 12:56

Tgt Ion: 62 Resp: 111200

Ion Ratio Lower Upper

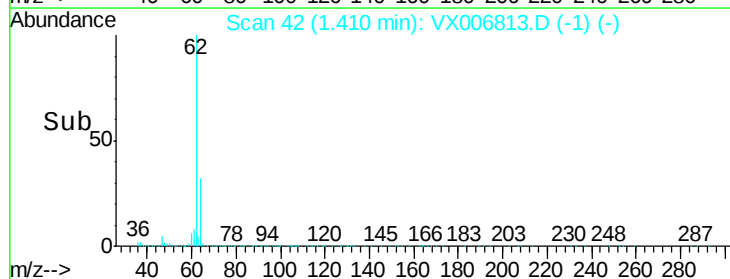
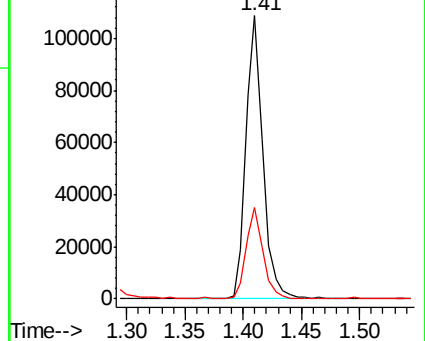
62 100

64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.188 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

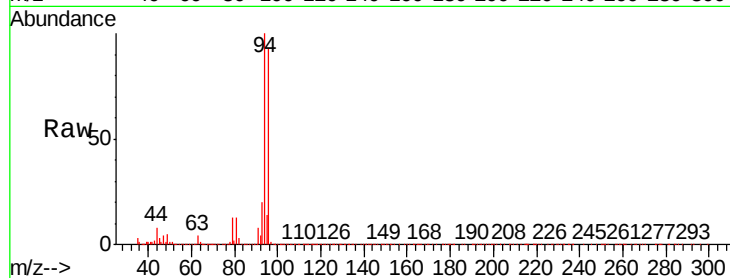
VX1226WBS01

Tgt Ion: 94 Resp: 105927

Ion Ratio Lower Upper

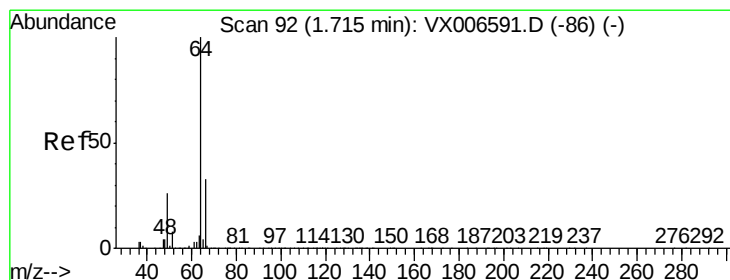
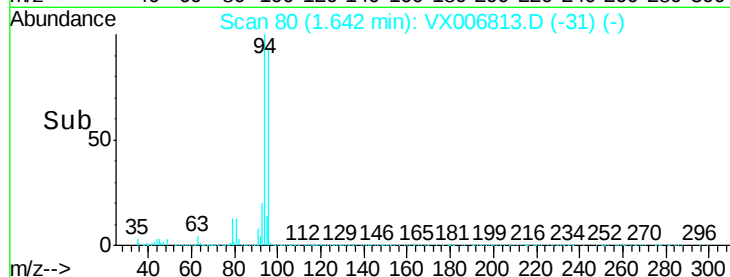
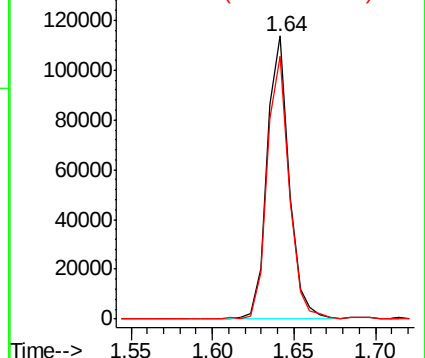
94 100

96 92.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.726 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006813.D

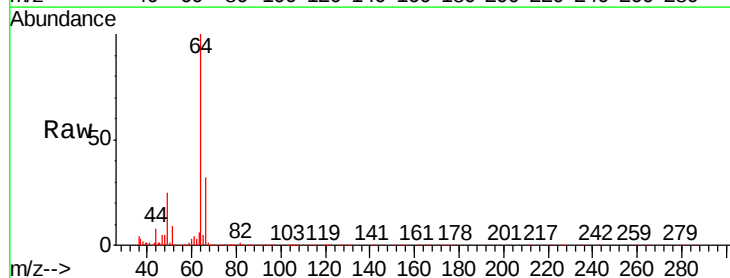
Acq: 26 Dec 2018 12:56

Tgt Ion: 64 Resp: 71787

Ion Ratio Lower Upper

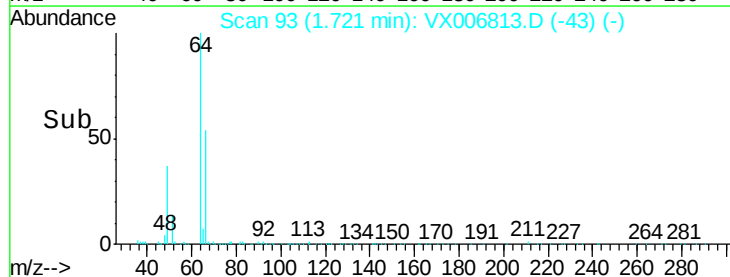
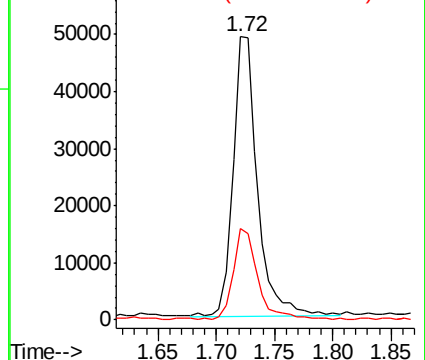
64 100

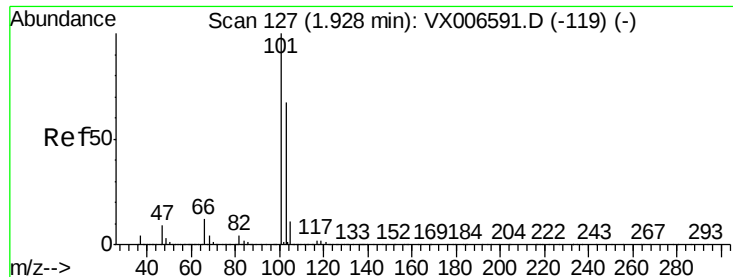
66 32.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



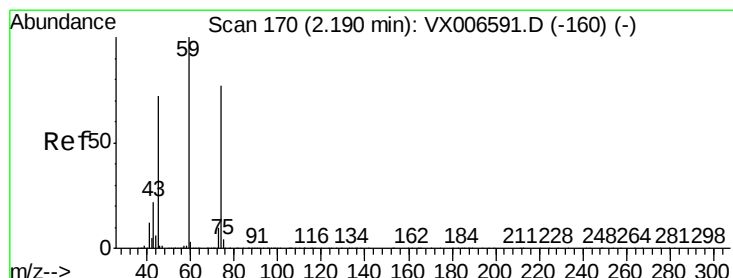
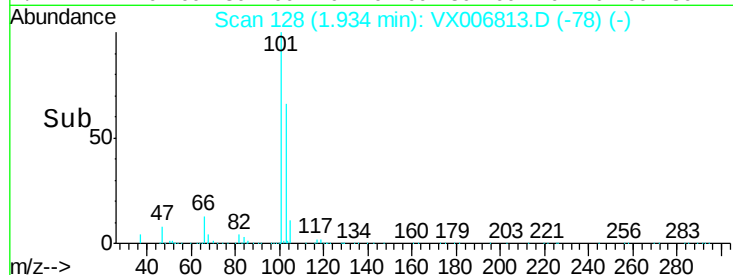
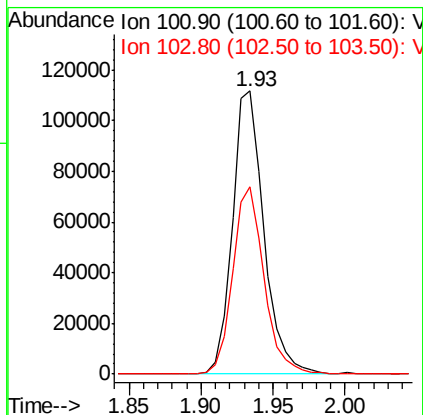
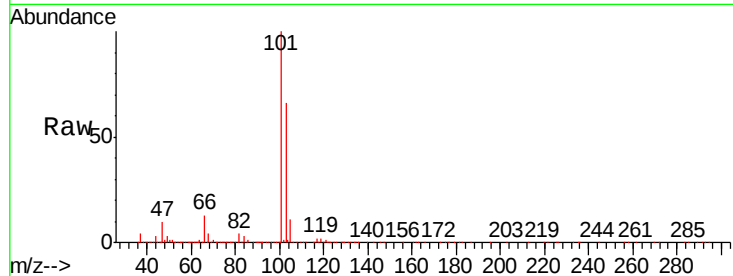


#7

Trichlorofluoromethane
Concen: 18.685 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

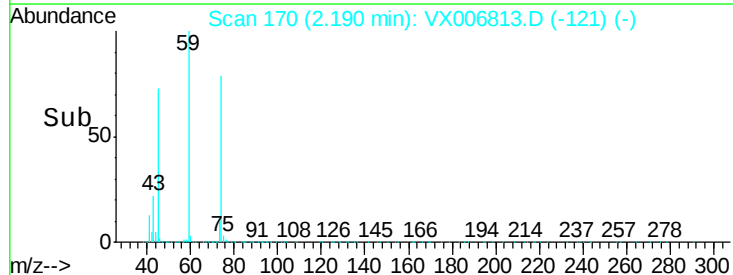
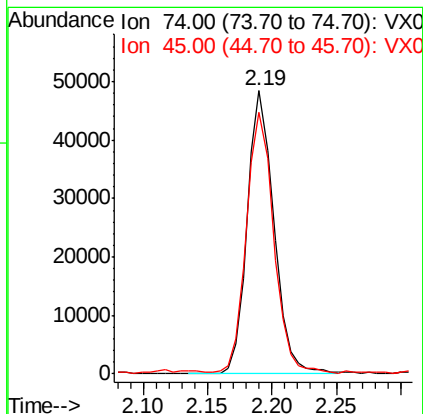
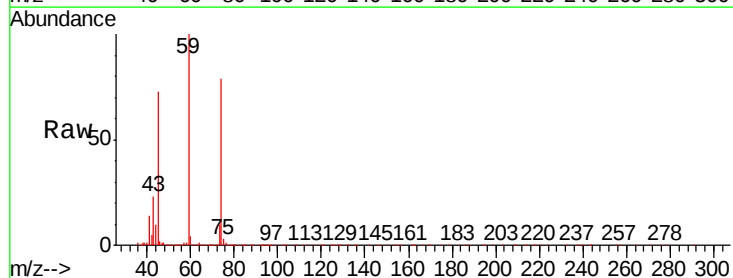
Tgt Ion:101 Resp: 170386
Ion Ratio Lower Upper
101 100
103 66.1 53.2 79.8



#8

Diethyl Ether
Concen: 19.058 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion: 74 Resp: 69028
Ion Ratio Lower Upper
74 100
45 94.1 46.3 138.9

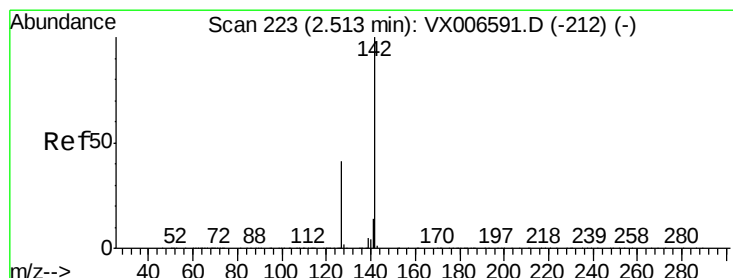
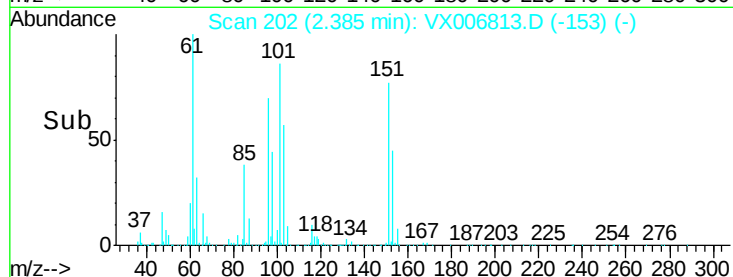
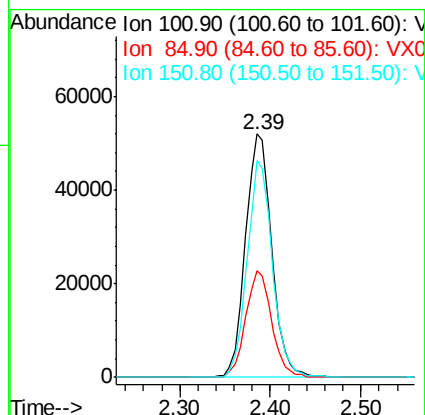
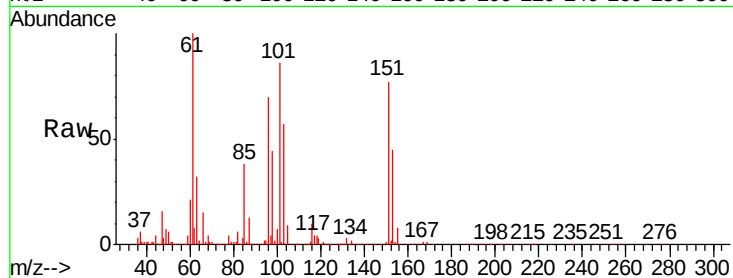




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.429 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

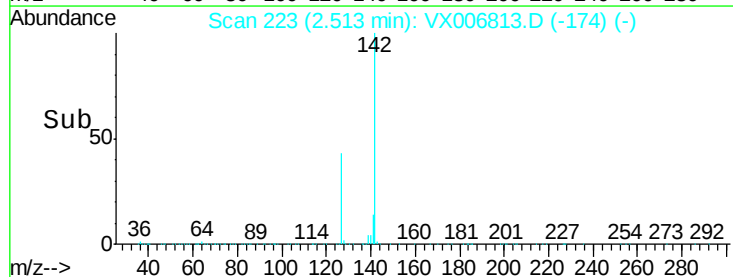
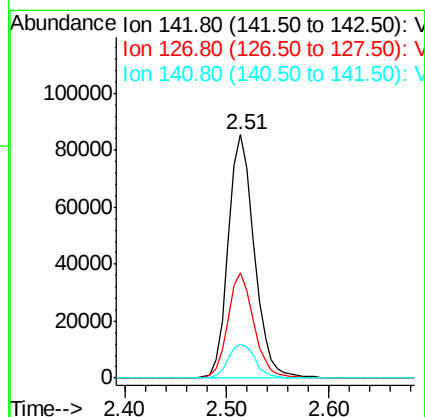
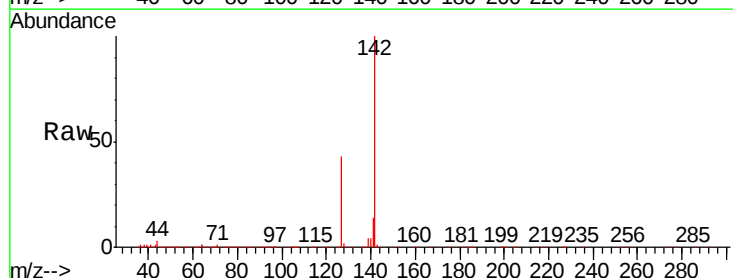
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

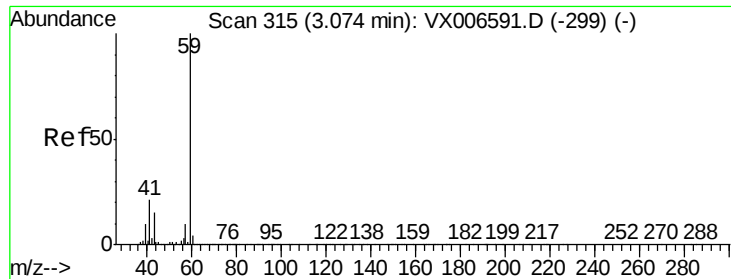
Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.1	52.7
151	85.7	68.9	103.3



#10
 Methyl Iodide
 Concen: 19.676 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.7	33.9	50.9
141	14.6	11.4	17.0



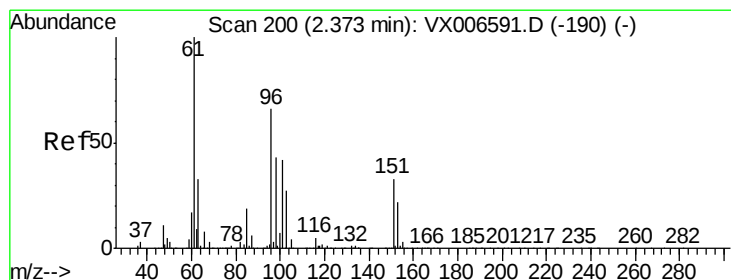
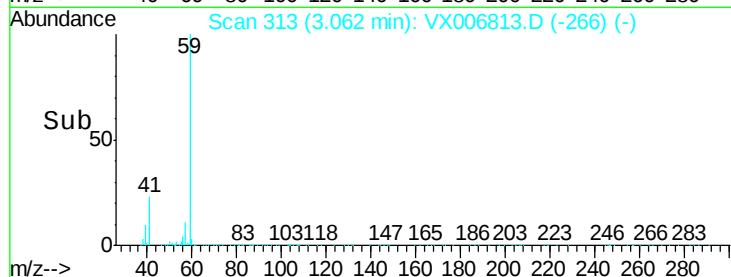
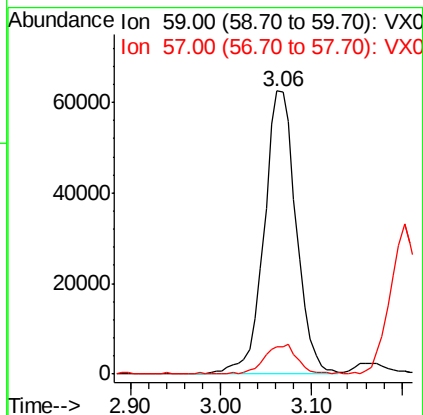
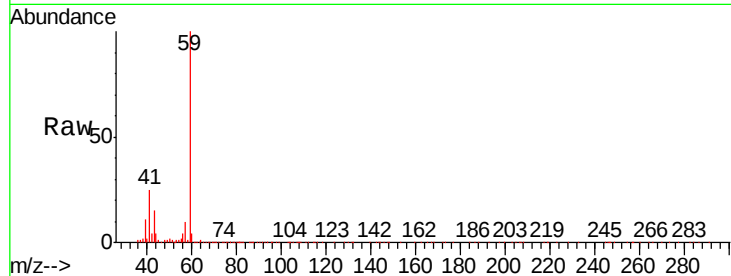


#11

Tert butyl alcohol
 Concen: 112.222 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

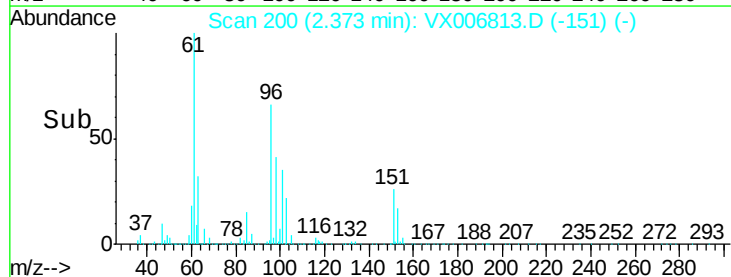
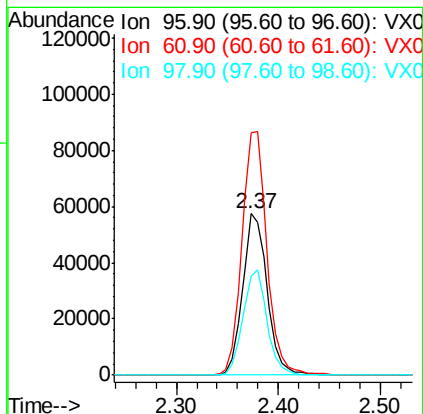
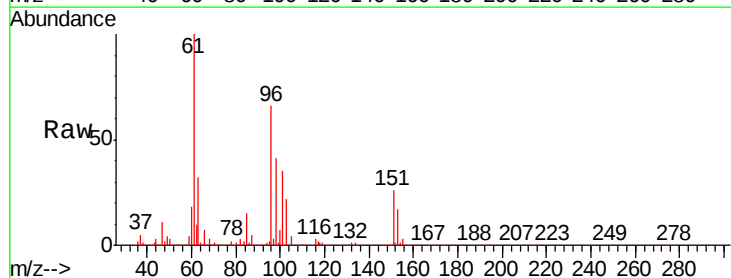
Tgt Ion: 59 Resp: 153372
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

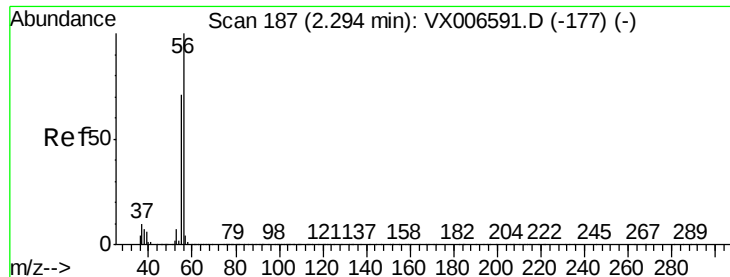


#12

1,1-Dichloroethene
 Concen: 18.844 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion: 96 Resp: 95666
 Ion Ratio Lower Upper
 96 100
 61 150.7 121.4 182.2
 98 61.9 51.9 77.9





#13

Acrolein

Concen: 84.945 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

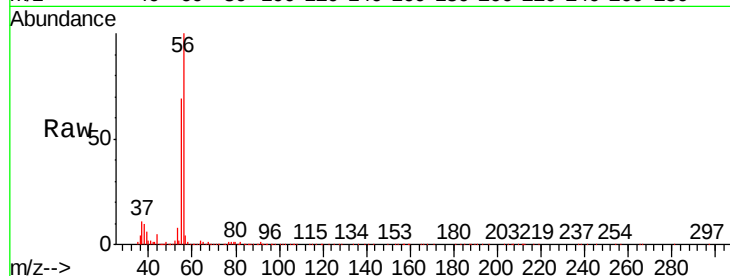
VX1226WBS01

Tgt Ion: 56 Resp: 78317

Ion Ratio Lower Upper

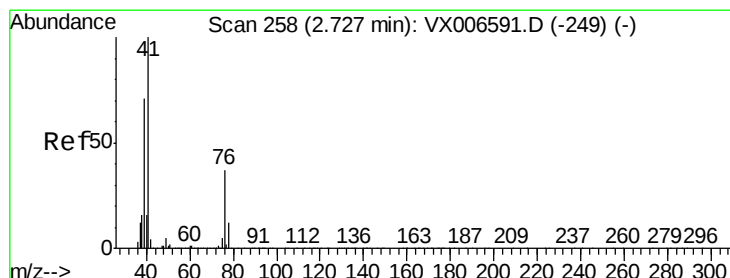
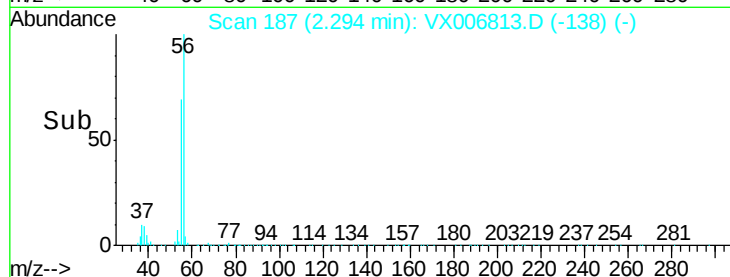
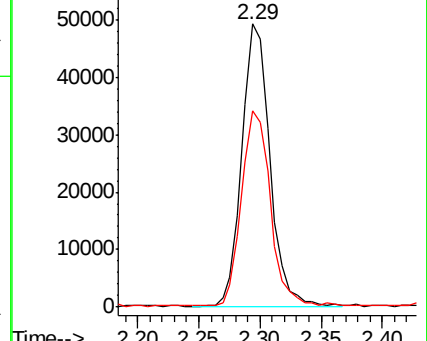
56 100

55 70.8 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.529 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

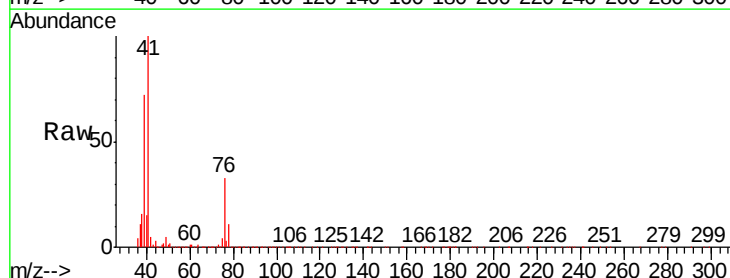
Tgt Ion: 41 Resp: 166880

Ion Ratio Lower Upper

41 100

39 67.1 53.6 80.4

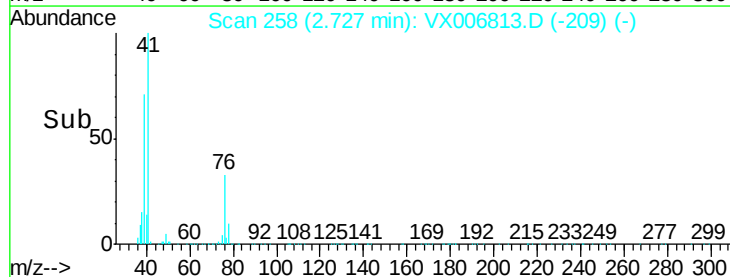
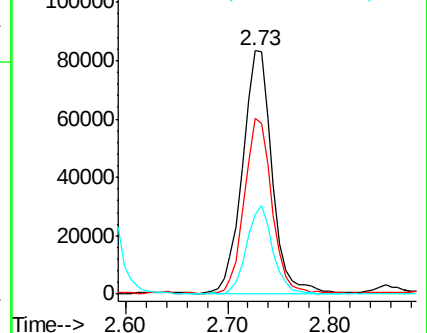
76 32.0 27.4 41.2

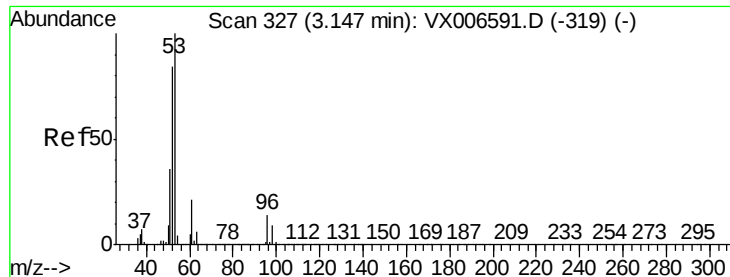


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.108 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

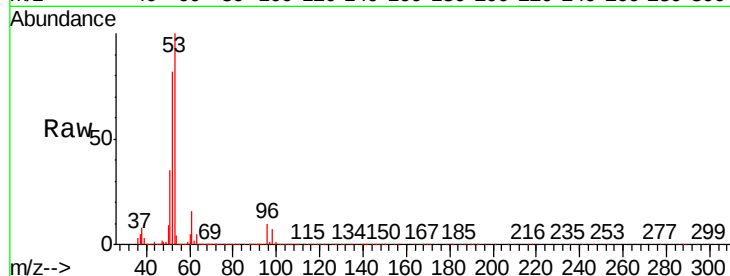
Tgt Ion: 53 Resp: 312877

Ion Ratio Lower Upper

53 100

52 83.6 66.0 99.0

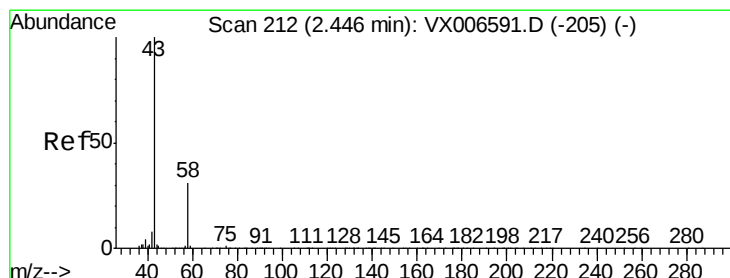
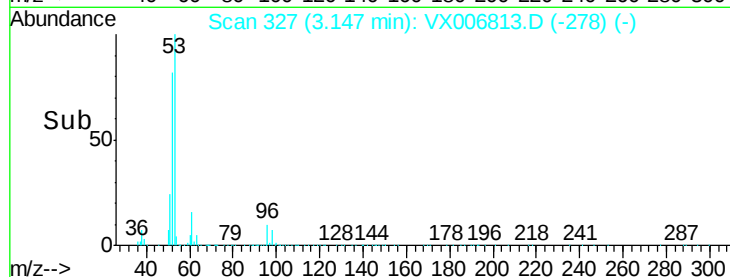
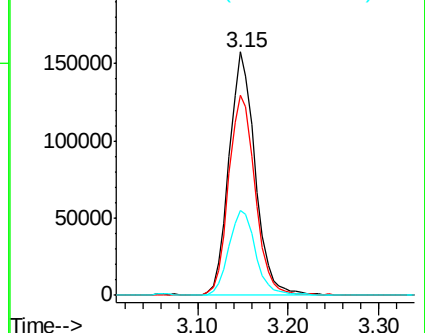
51 35.9 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 100.778 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006813.D

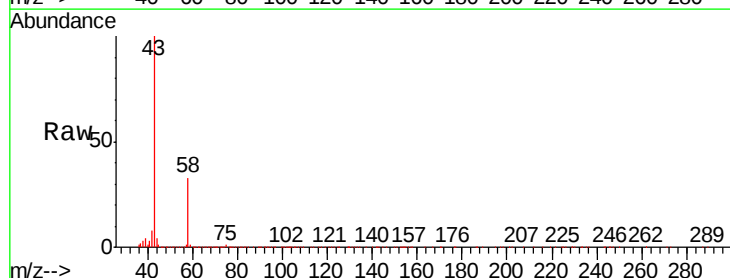
Acq: 26 Dec 2018 12:56

Tgt Ion: 43 Resp: 283540

Ion Ratio Lower Upper

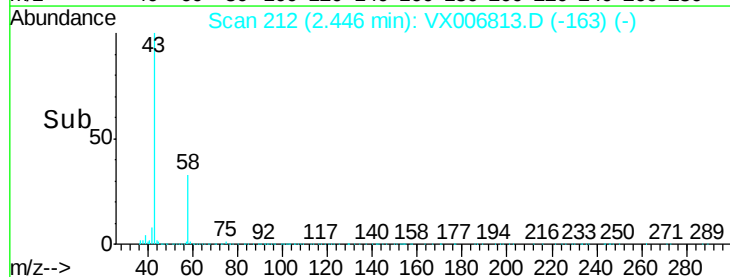
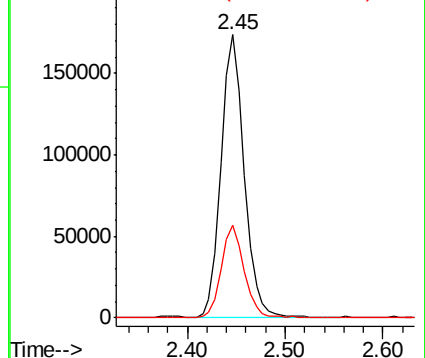
43 100

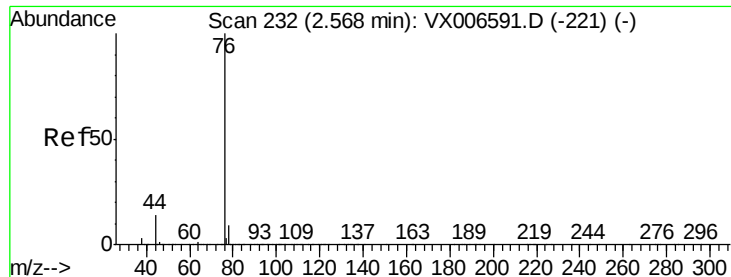
58 32.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

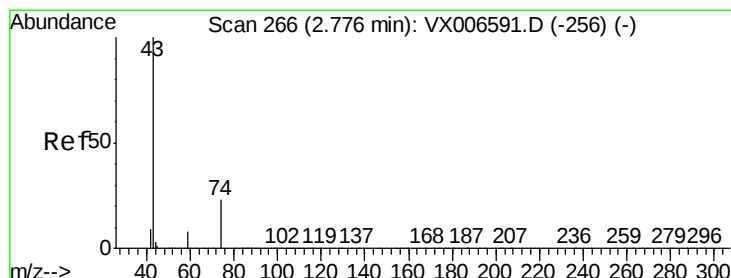
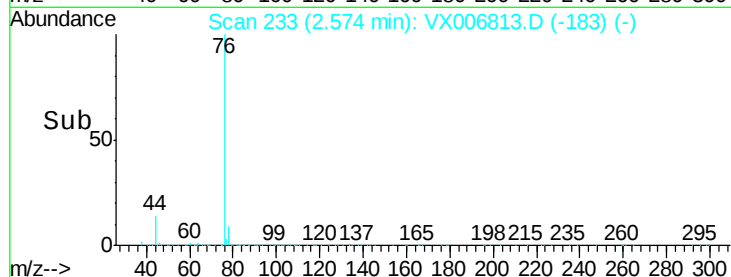
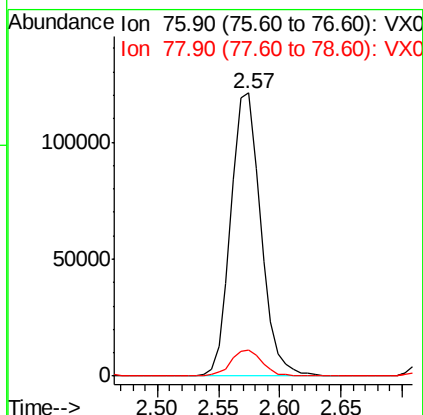
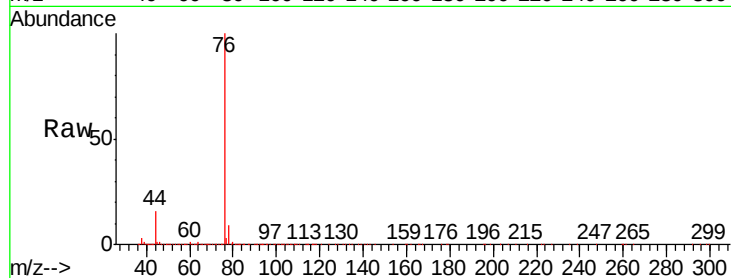




#17
Carbon Disulfide
Concen: 15.310 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

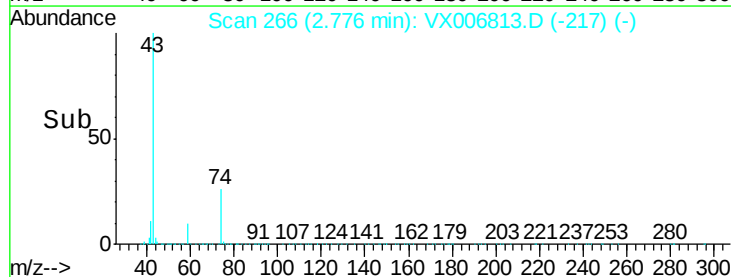
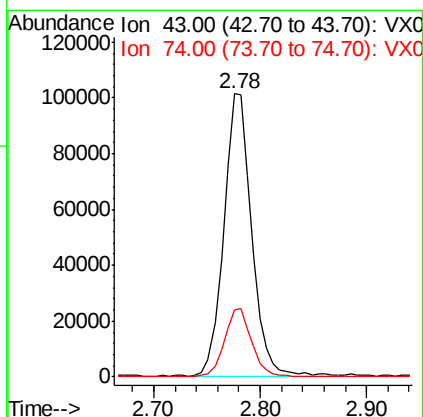
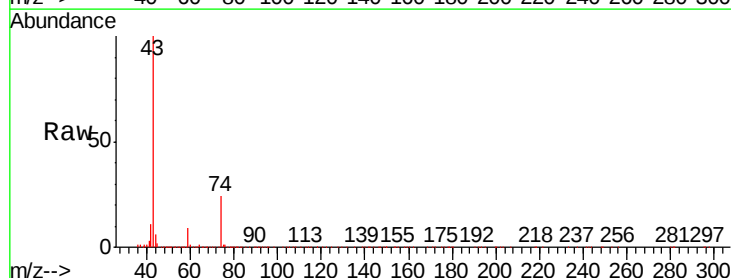
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

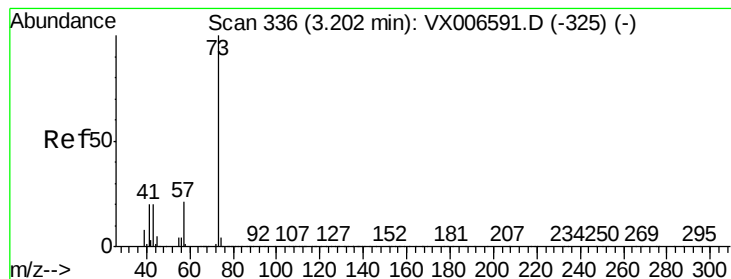
Tgt Ion: 76 Resp: 205696
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 22.593 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion: 43 Resp: 186916
Ion Ratio Lower Upper
43 100
74 23.7 18.6 28.0



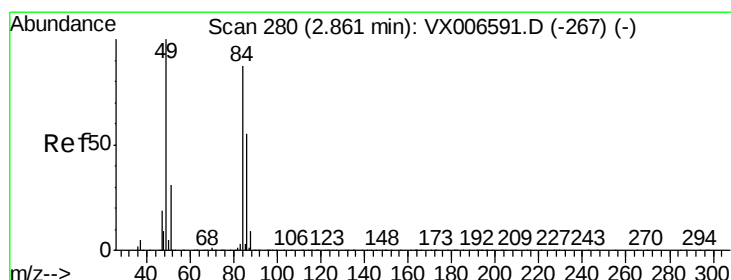
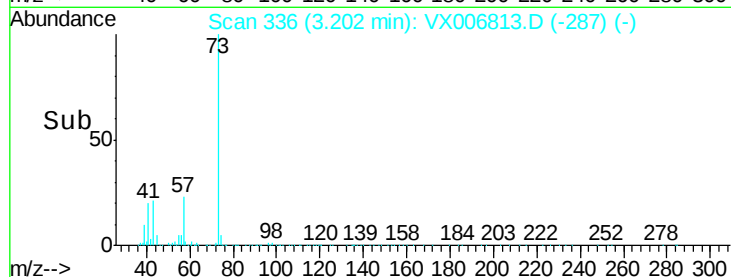
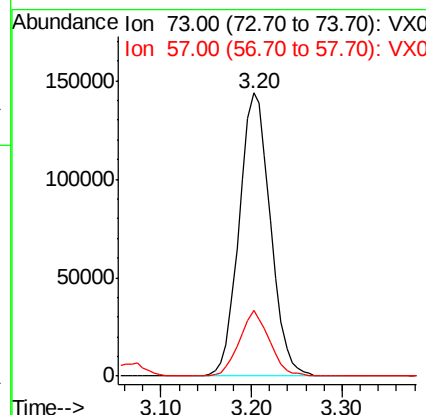
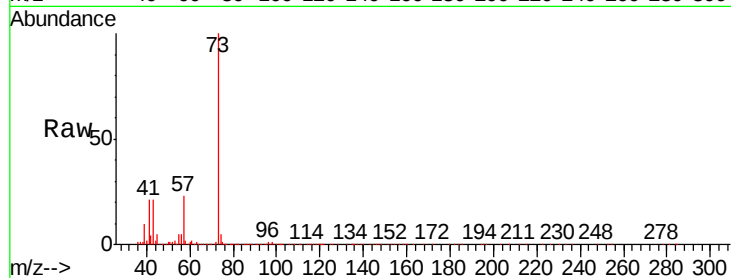


#19

Methyl tert-butyl Ether
 Concen: 20.344 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

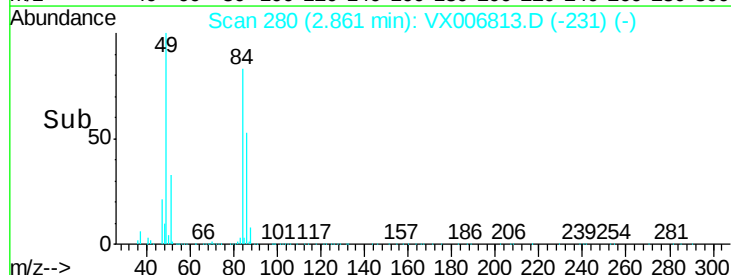
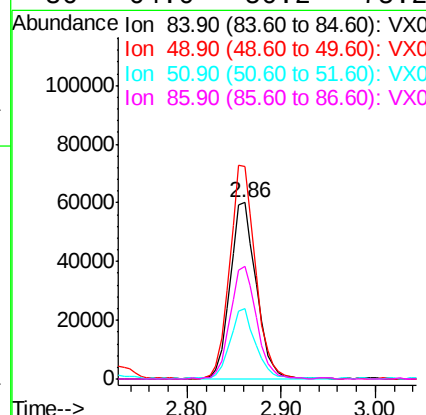
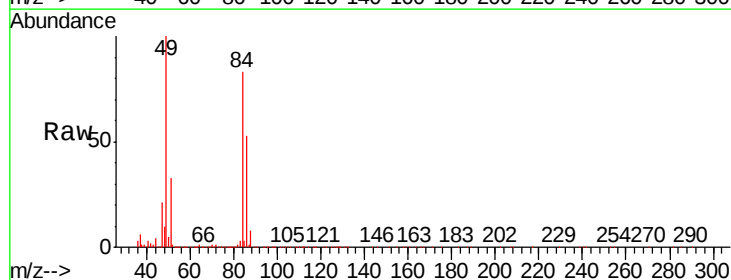
Tgt Ion: 73 Resp: 342793
 Ion Ratio Lower Upper
 73 100
 57 23.0 16.8 25.2

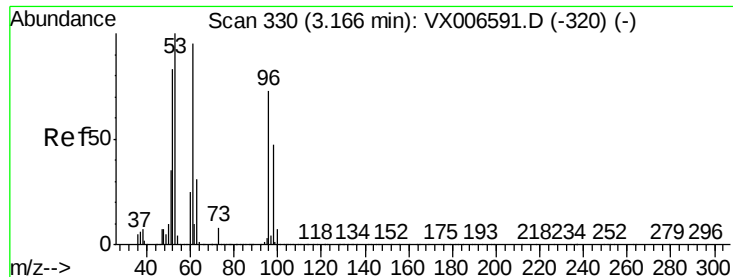


#20

Methylene Chloride
 Concen: 20.037 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion: 84 Resp: 116574
 Ion Ratio Lower Upper
 84 100
 49 120.4 91.8 137.6
 51 39.7 28.5 42.7
 86 64.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.218 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

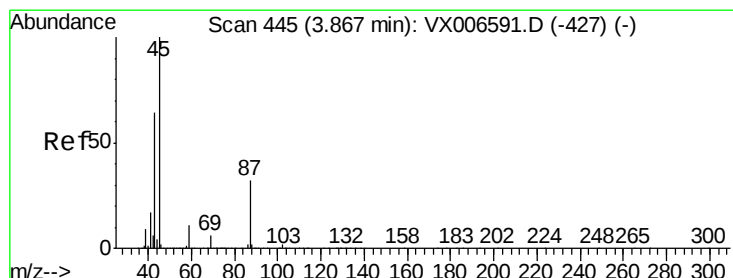
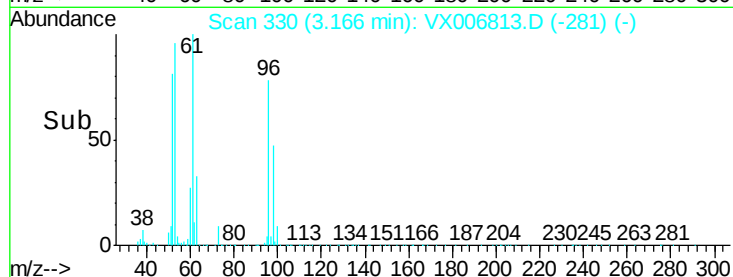
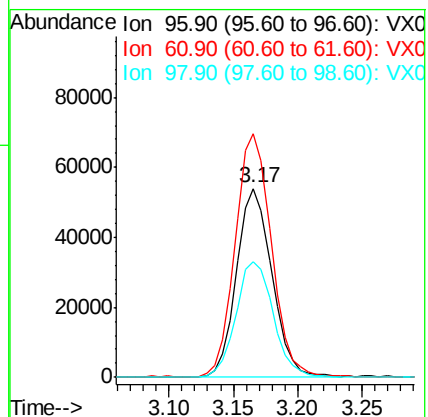
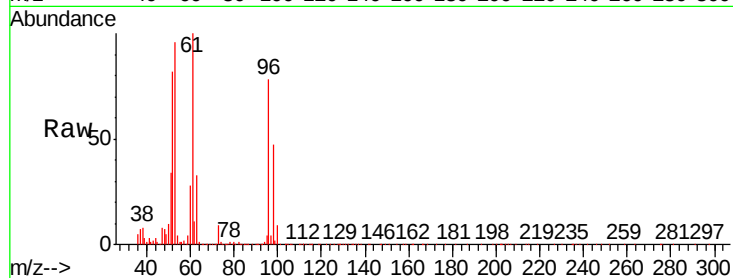
Tgt Ion: 96 Resp: 102477

Ion Ratio Lower Upper

96 100

61 129.2 103.7 155.5

98 60.9 51.0 76.6



#22

Diisopropyl ether

Concen: 20.745 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Tgt Ion: 45 Resp: 324306

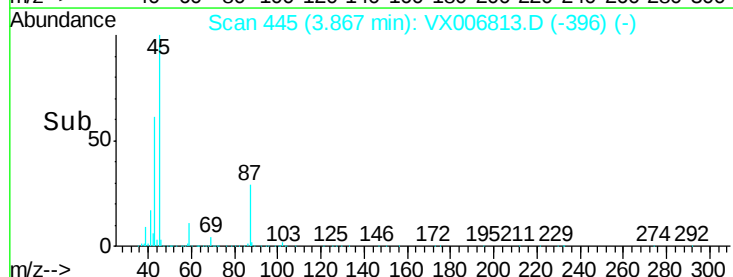
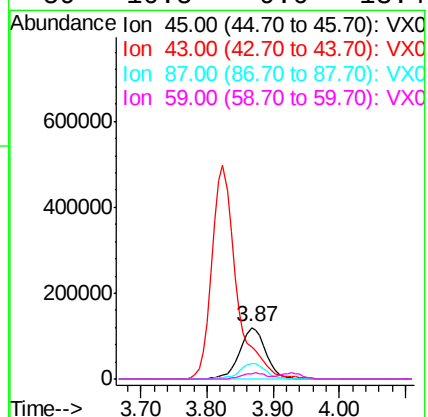
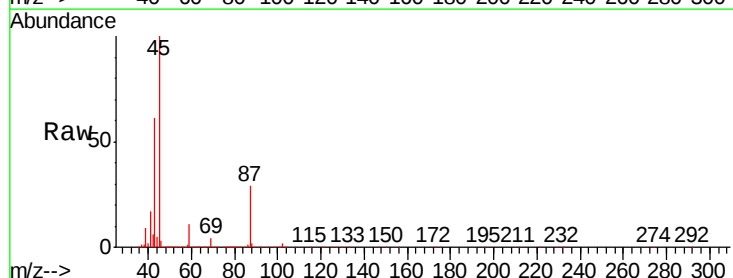
Ion Ratio Lower Upper

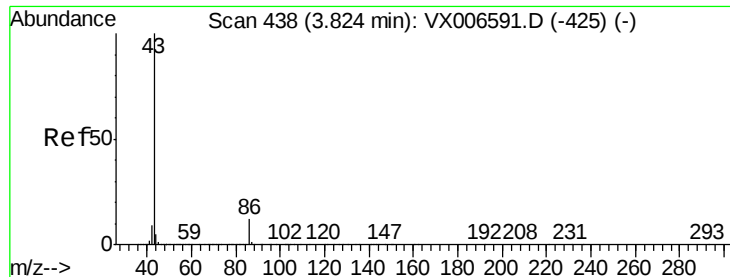
45 100

43 60.8 51.2 76.8

87 29.4 25.8 38.6

59 10.5 9.0 13.4





#23

Vinyl Acetate

Concen: 100.366 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampled :

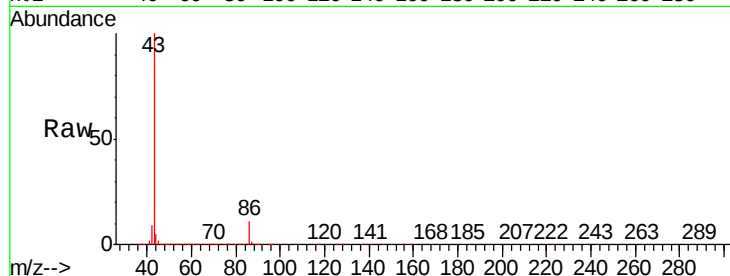
VX1226WBS01

Tgt Ion: 43 Resp: 1283441

Ion Ratio Lower Upper

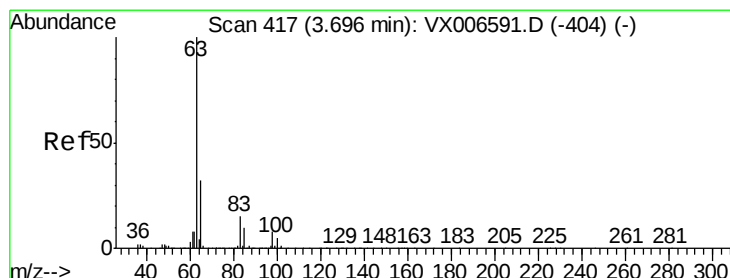
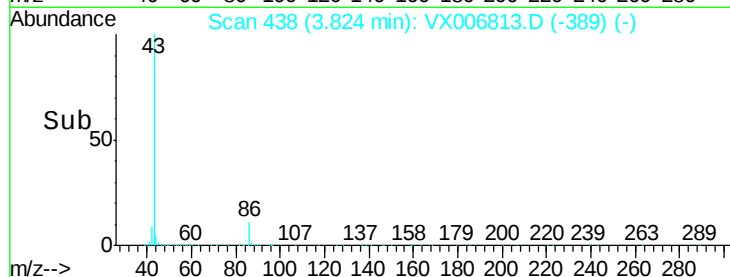
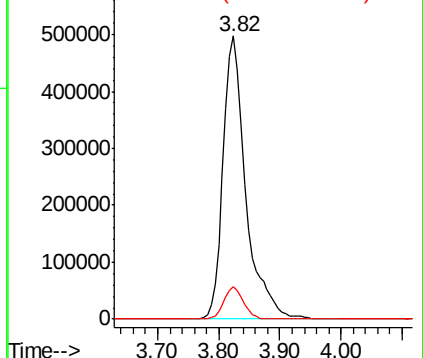
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.212 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

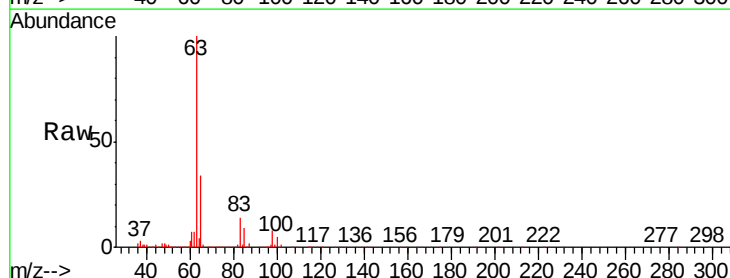
Tgt Ion: 63 Resp: 179289

Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.5

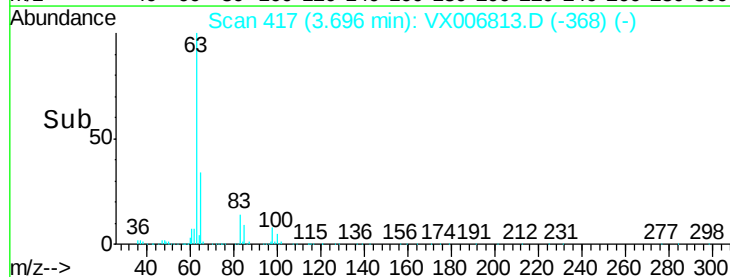
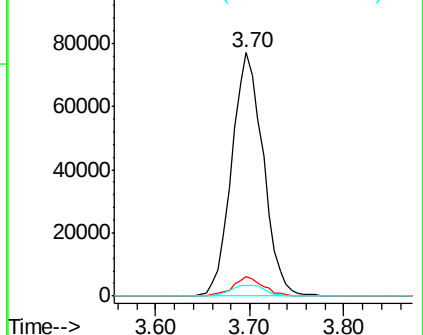
100 4.6 2.4 7.2

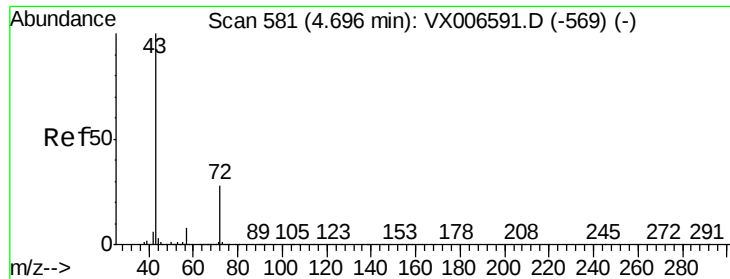


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.503 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

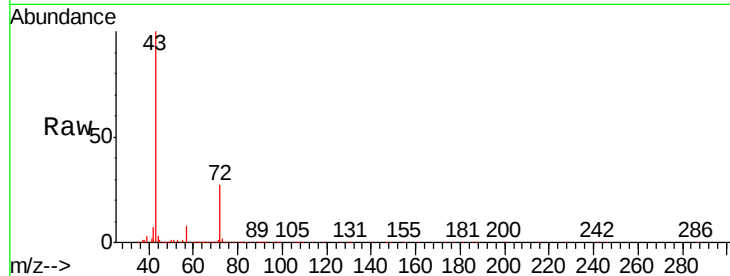
VX1226WBS01

Tgt Ion: 43 Resp: 405661

Ion Ratio Lower Upper

43 100

72 26.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

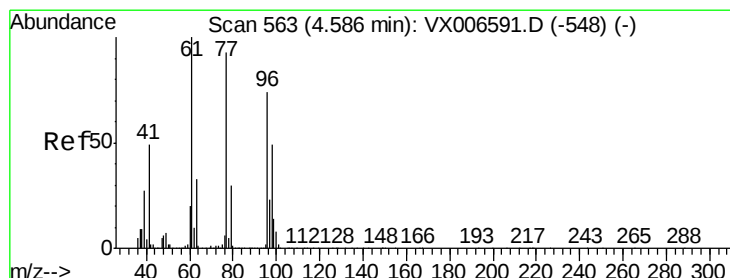
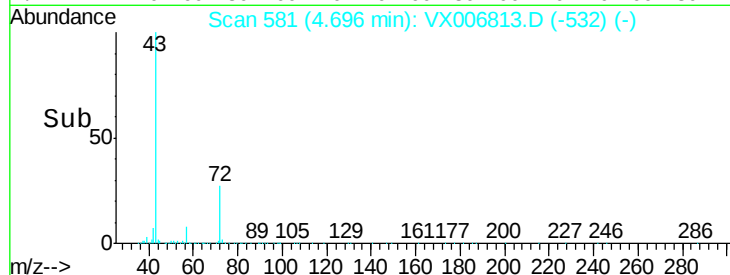
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.116 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006813.D

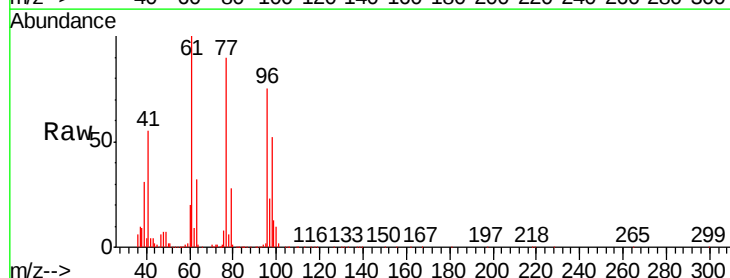
Acq: 26 Dec 2018 12:56

Tgt Ion: 77 Resp: 130593

Ion Ratio Lower Upper

77 100

97 25.8 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

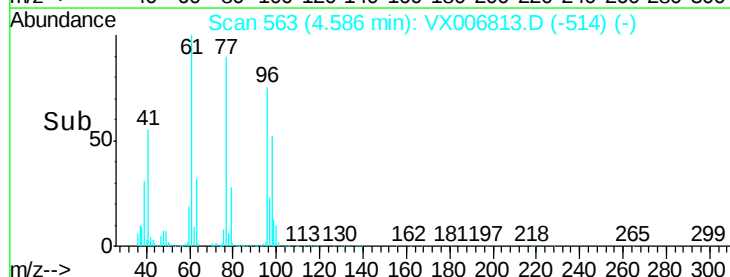
20000

10000

0

4.40 4.50 4.60 4.70

Time-->



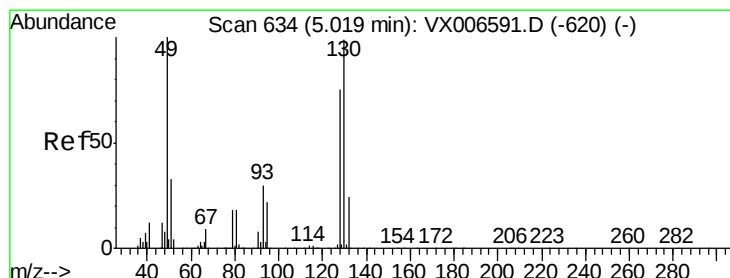
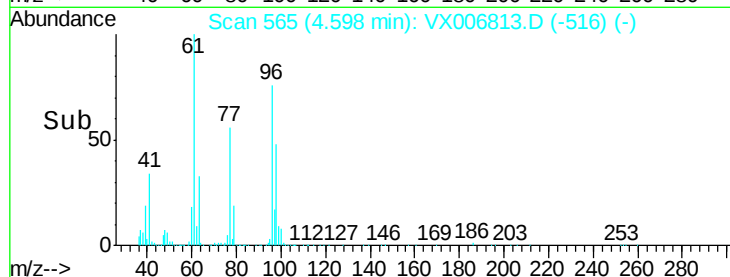
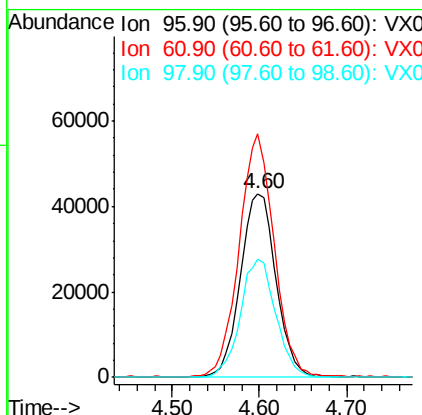
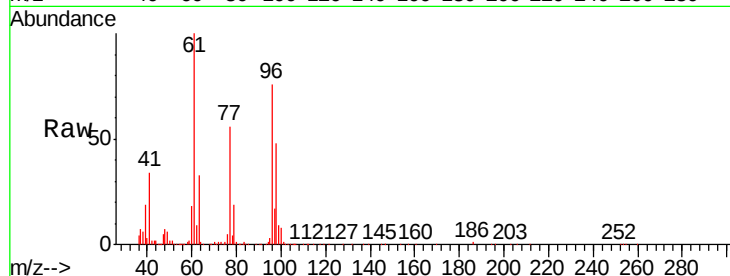


#27

cis-1,2-Dichloroethene
 Concen: 19.607 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

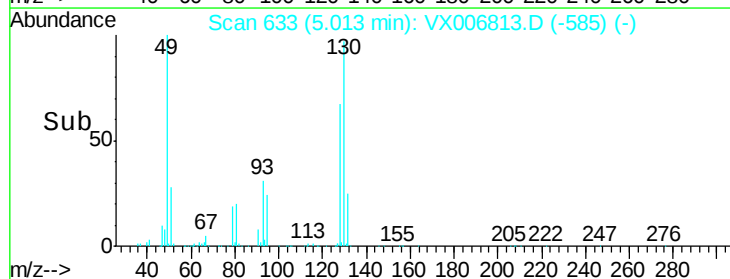
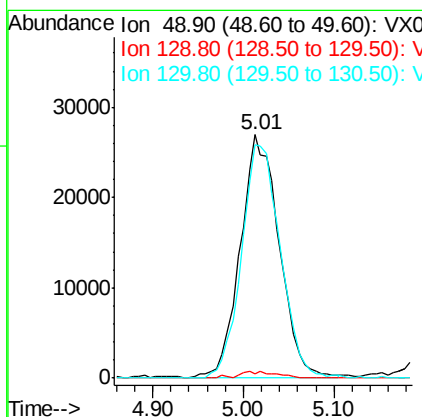
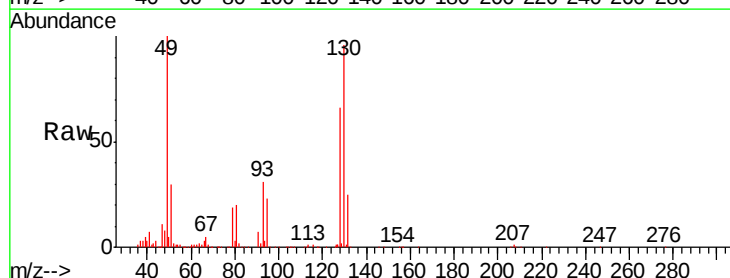
Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	258.6
98	63.9	0.0	132.0

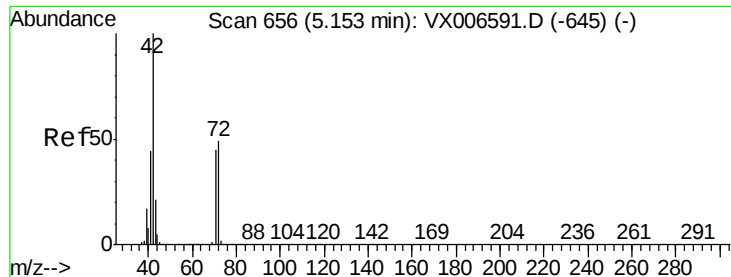


#28

Bromochloromethane
 Concen: 18.999 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	96.8	77.7	116.5





#29

Tetrahydrofuran

Concen: 103.496 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

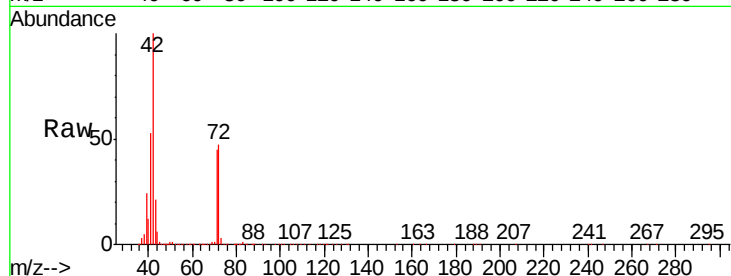
Tgt Ion: 42 Resp: 269769

Ion Ratio Lower Upper

42 100

72 47.3 38.9 58.3

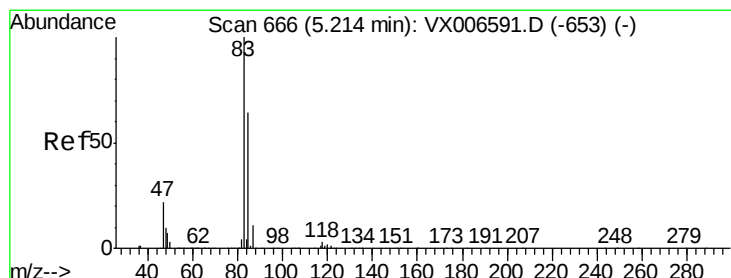
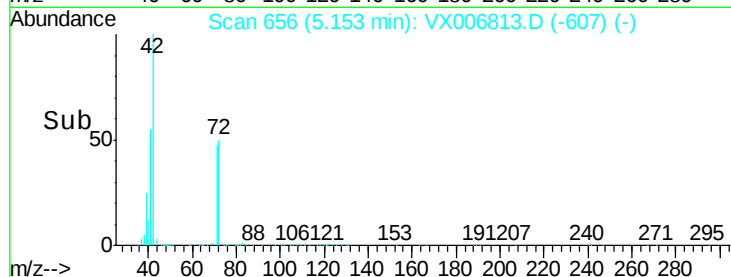
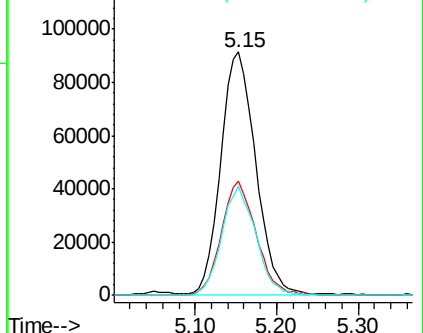
71 43.9 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.718 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006813.D

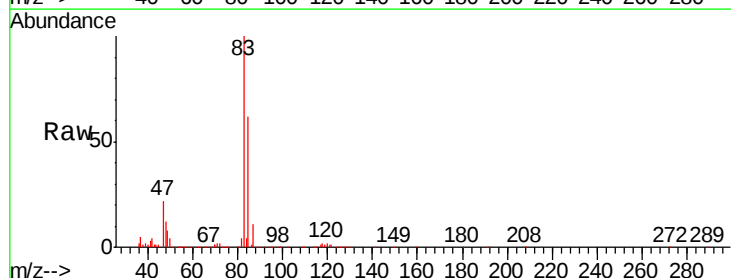
Acq: 26 Dec 2018 12:56

Tgt Ion: 83 Resp: 190560

Ion Ratio Lower Upper

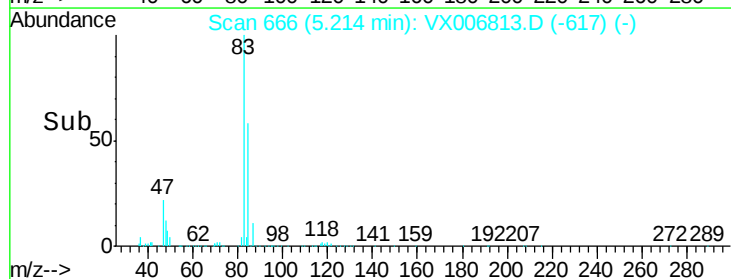
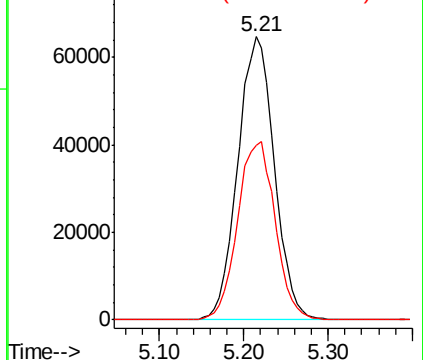
83 100

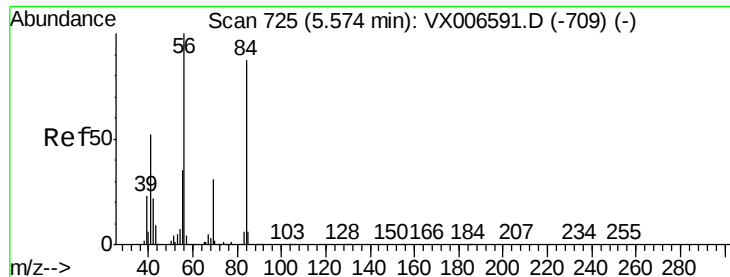
85 61.6 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

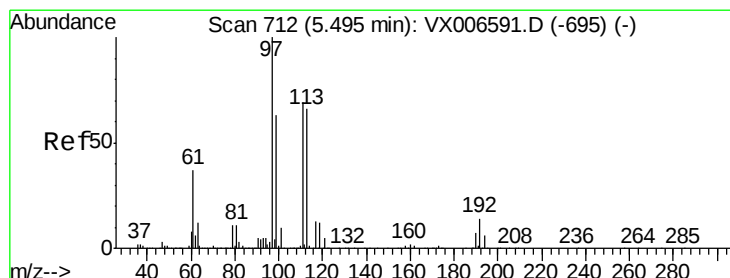
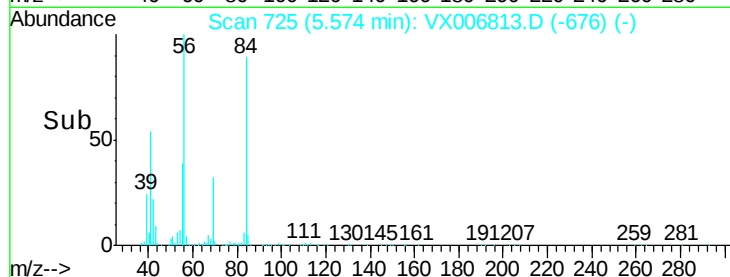
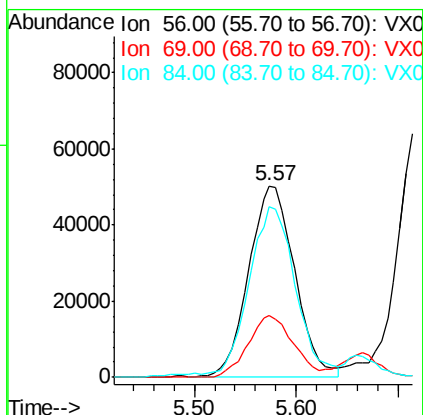
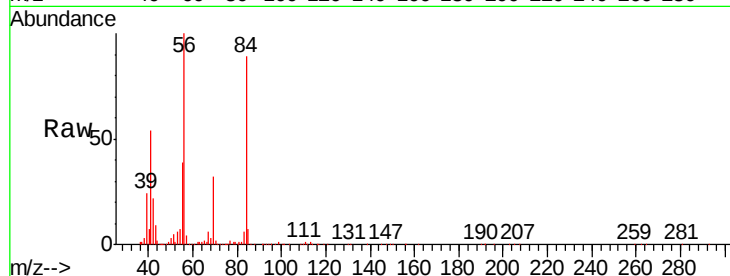




#31
Cyclohexane
Concen: 18.450 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

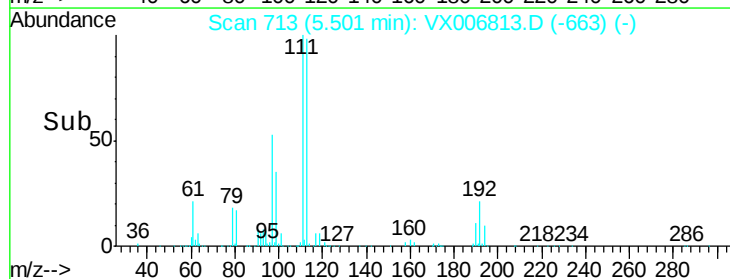
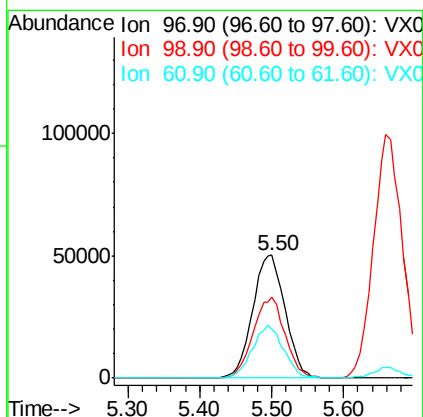
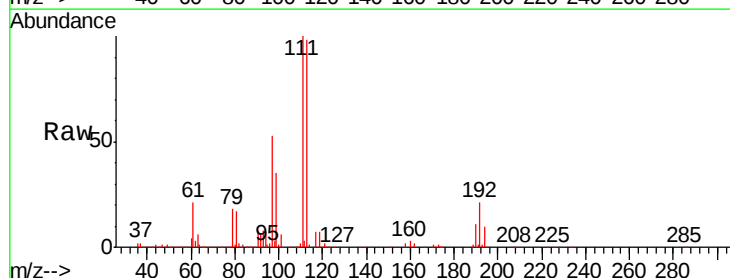
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

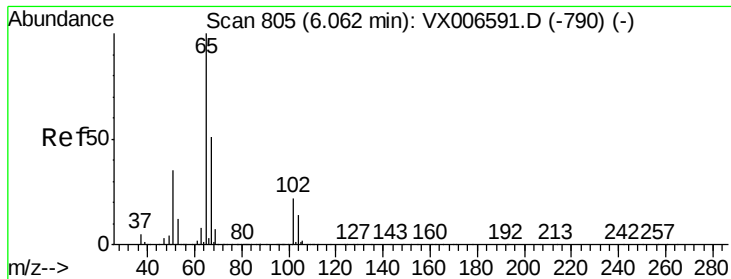
Tgt Ion: 56 Resp: 156423
Ion Ratio Lower Upper
56 100
69 32.4 24.4 36.6
84 87.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.217 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion: 97 Resp: 156817
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 41.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.885 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

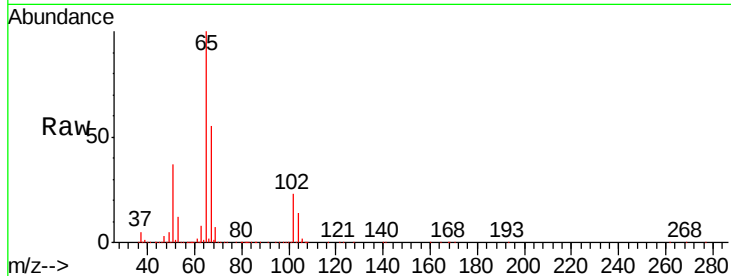
VX1226WBS01

Tgt Ion: 65 Resp: 293243

Ion Ratio Lower Upper

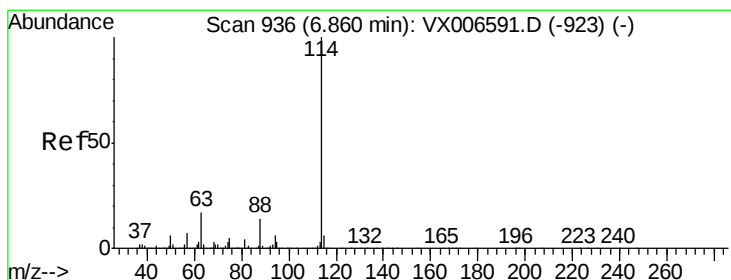
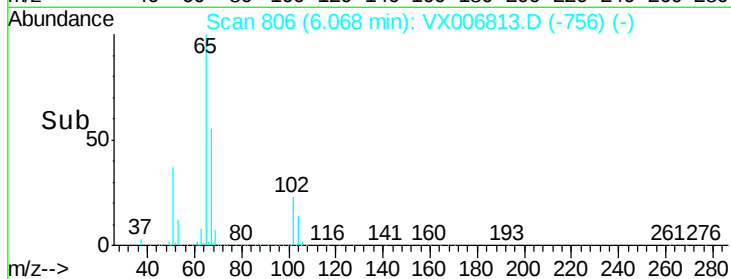
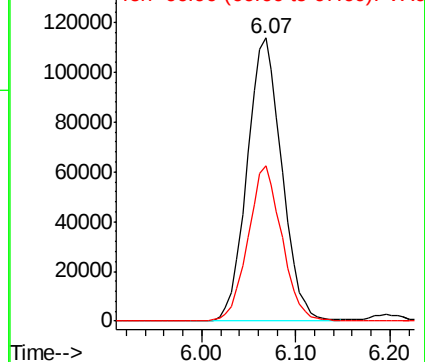
65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

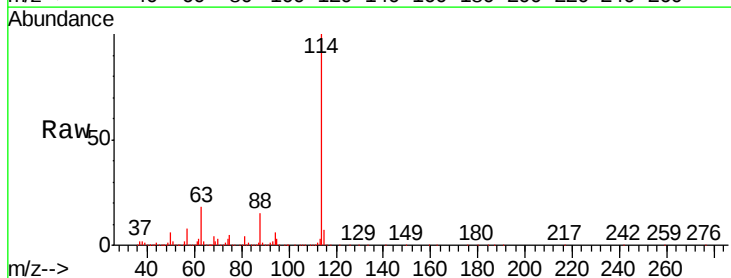
Tgt Ion: 114 Resp: 836460

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

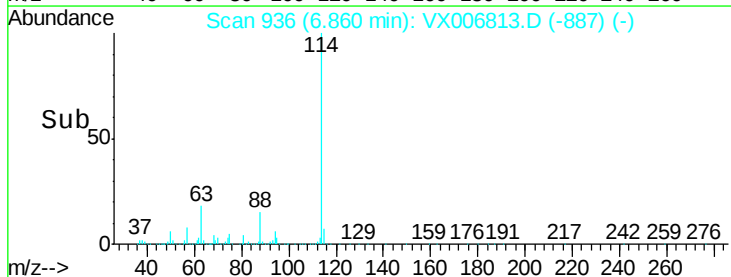
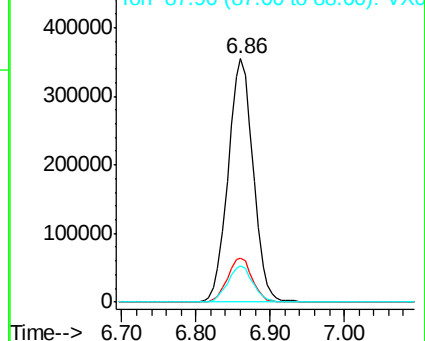
88 14.9 0.0 28.8

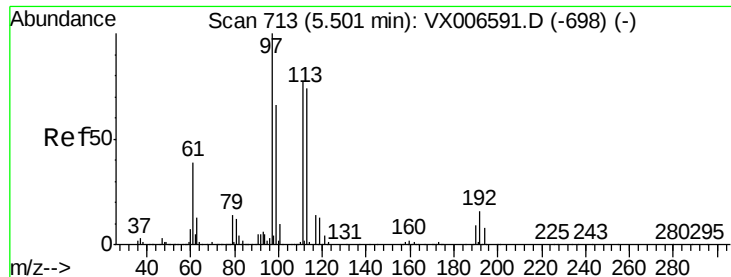


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.349 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

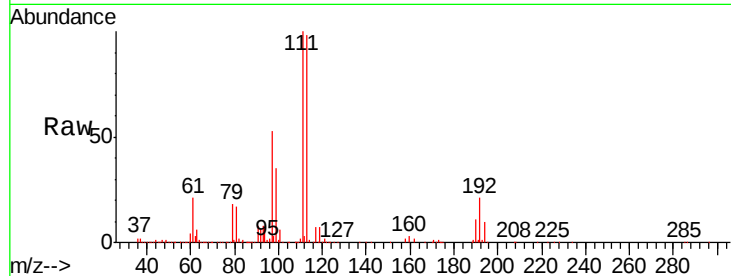
Tgt Ion:113 Resp: 261039

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

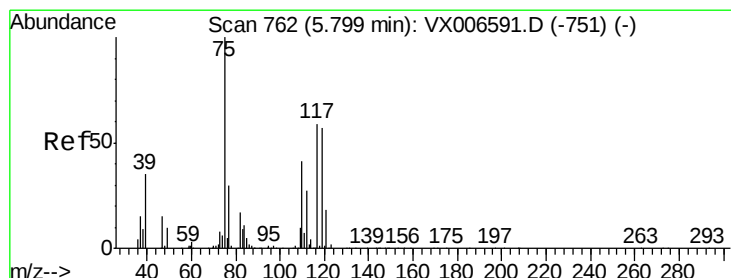
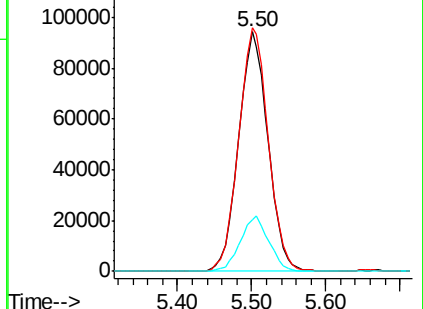
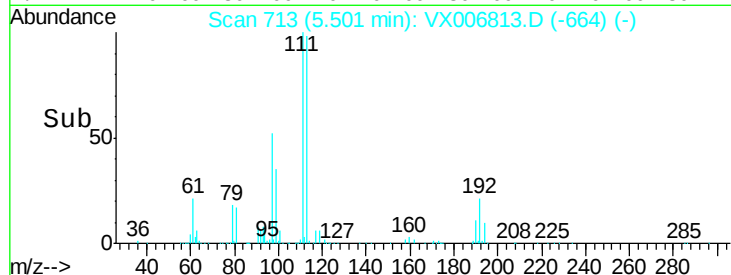
192 22.5 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.424 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

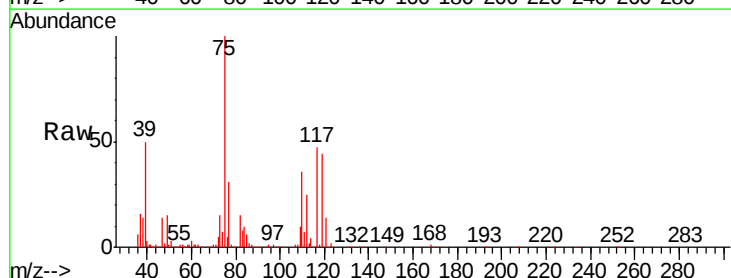
Tgt Ion: 75 Resp: 134564

Ion Ratio Lower Upper

75 100

110 39.6 20.2 60.5

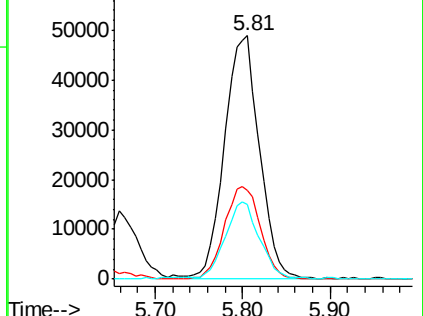
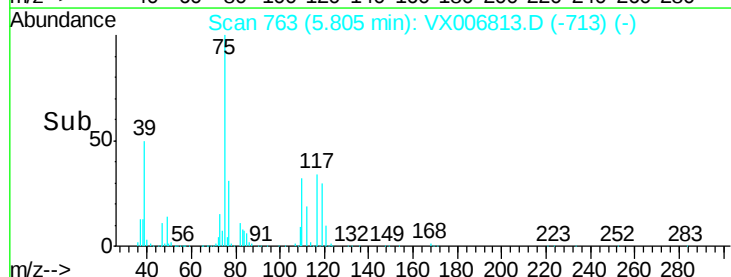
77 32.3 24.8 37.2

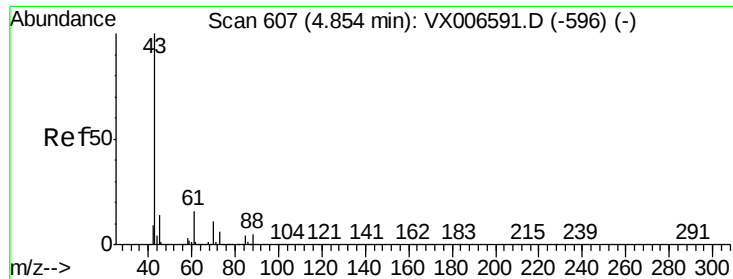


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

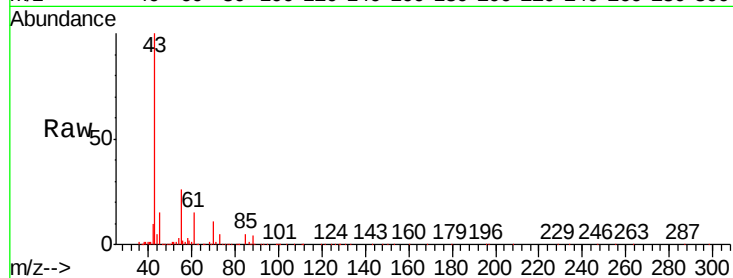




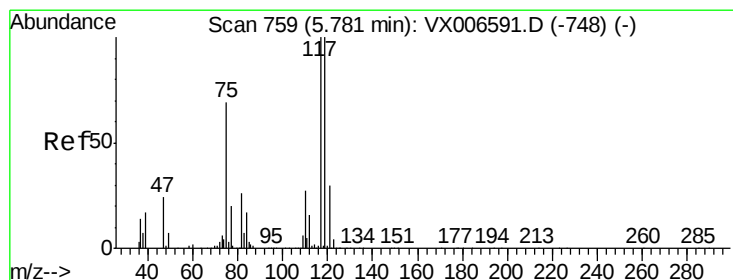
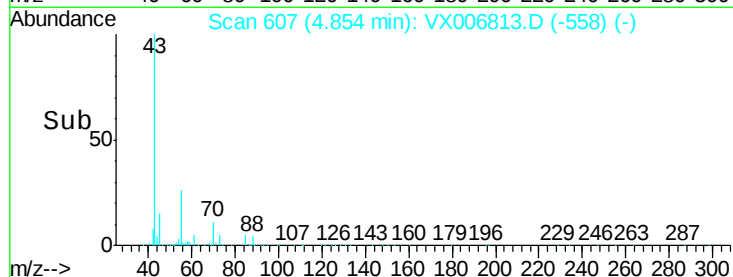
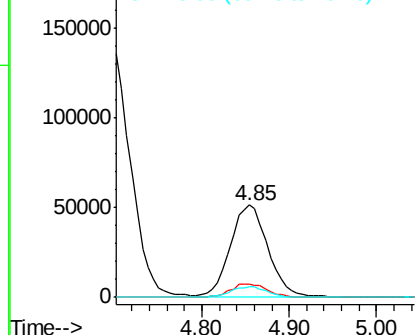
#37
Ethyl Acetate
Concen: 20.977 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.9	17.9
70	12.0	9.7	14.5

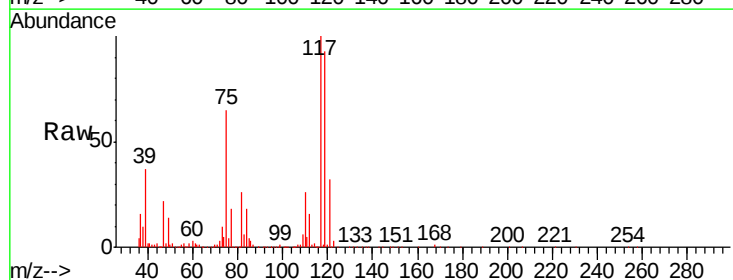


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

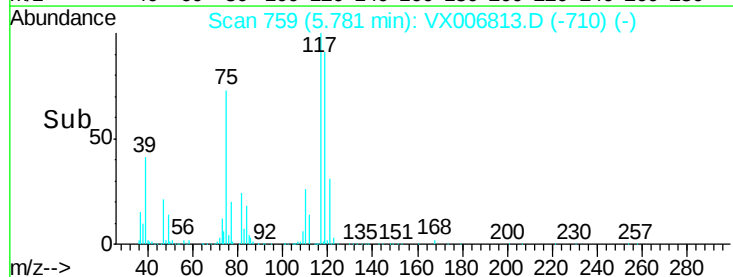
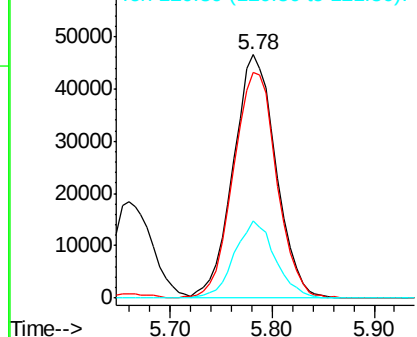


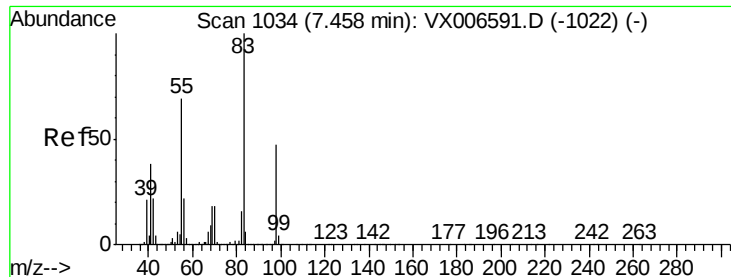
#38
Carbon Tetrachloride
Concen: 20.048 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	79.4	119.2
121	31.7	24.0	36.0



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

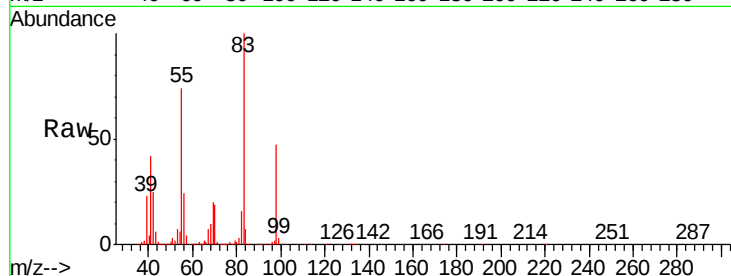




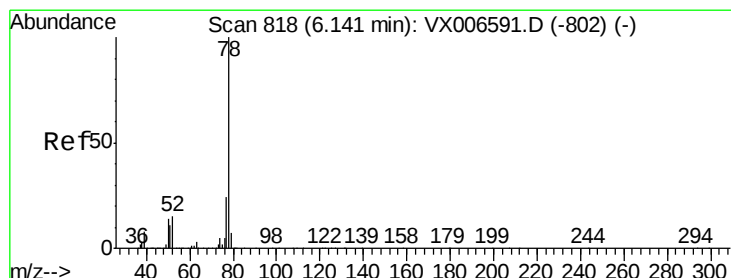
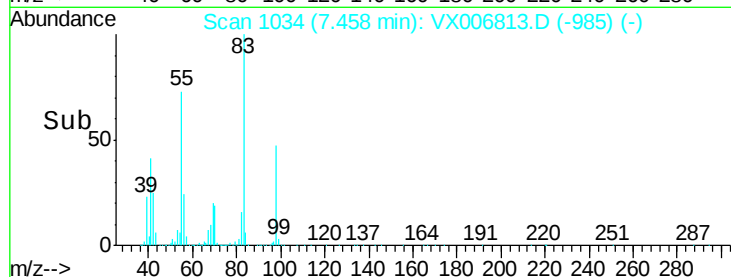
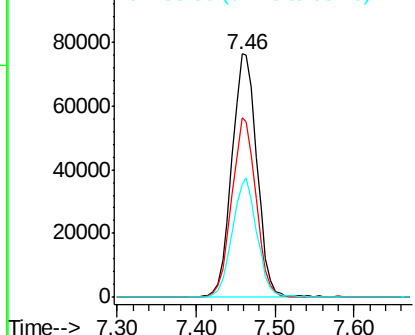
#39
Methylcyclohexane
Concen: 18.539 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

Tgt Ion: 83 Resp: 169090
Ion Ratio Lower Upper
83 100
55 73.3 54.9 82.3
98 46.5 37.9 56.9

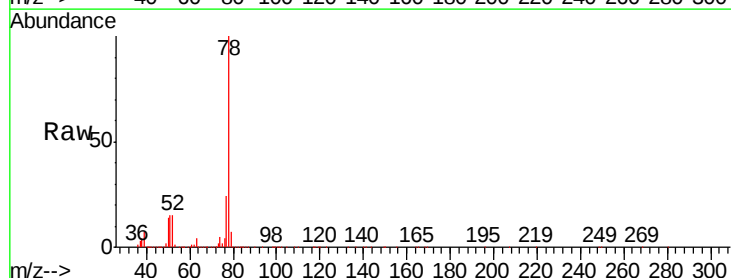


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

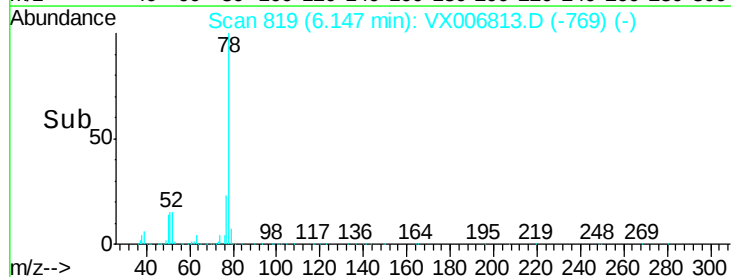
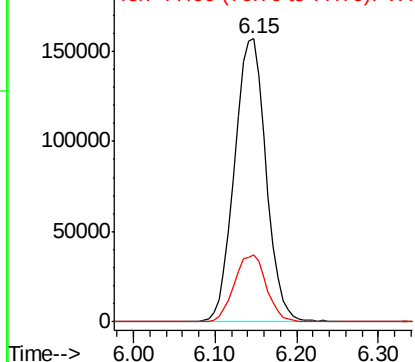


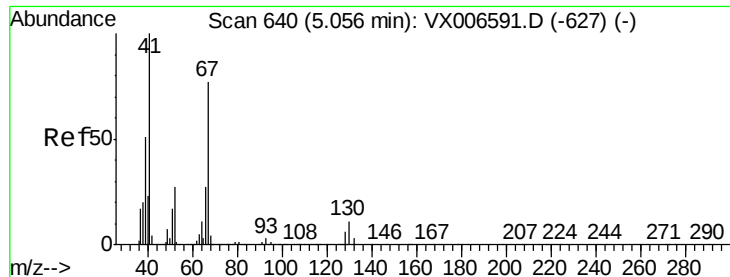
#40
Benzene
Concen: 19.942 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion: 78 Resp: 419945
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



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





#41

Methacrylonitrile

Concen: 22.038 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

Tgt Ion: 41 Resp: 84368

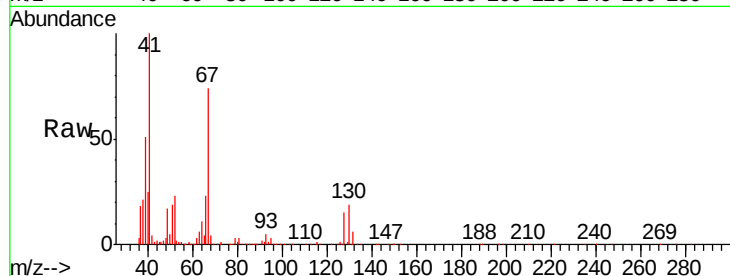
Ion Ratio Lower Upper

41 100

39 55.8 42.8 64.2

67 77.8 62.1 93.1

52 29.7 23.4 35.0

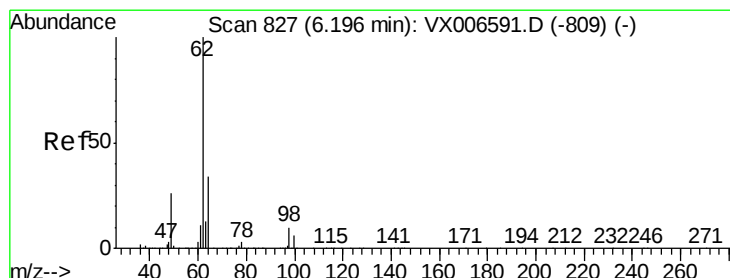
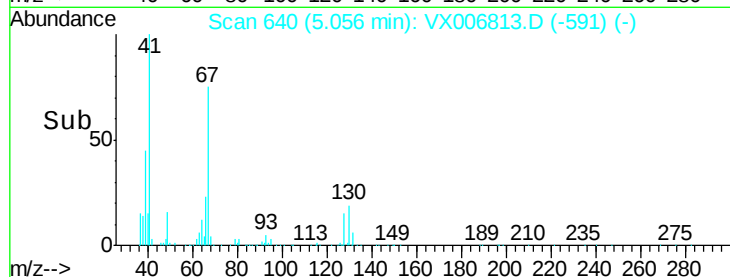
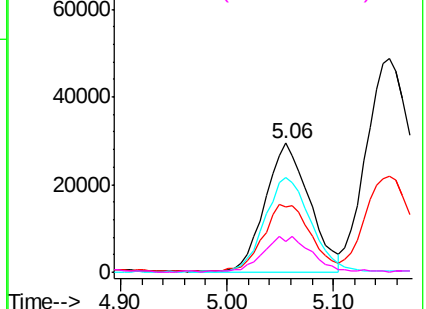


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.731 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006813.D

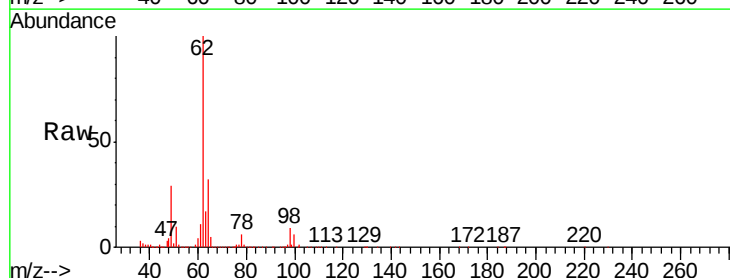
Acq: 26 Dec 2018 12:56

Tgt Ion: 62 Resp: 141586

Ion Ratio Lower Upper

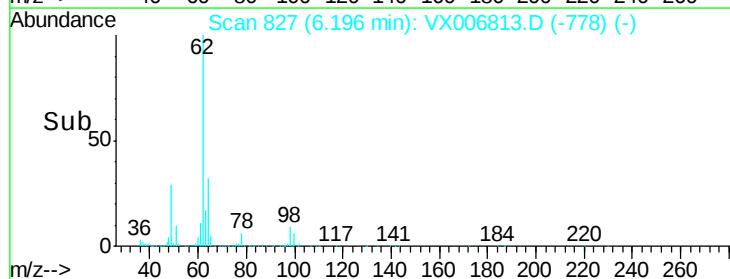
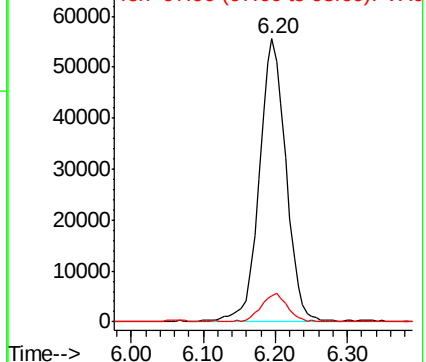
62 100

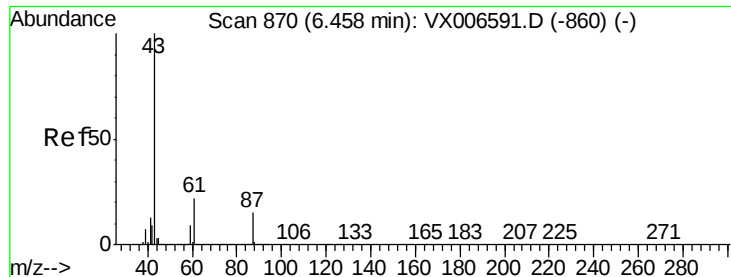
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.442 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

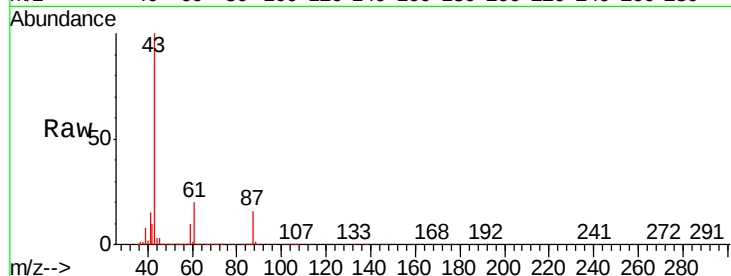
Tgt Ion: 43 Resp: 235247

Ion Ratio Lower Upper

43 100

61 21.1 16.8 25.2

87 15.1 12.4 18.6

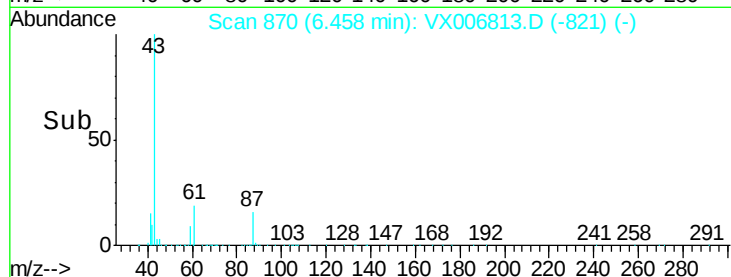


Abundance Ion 43.00 (42.70 to 43.70): VX006813.D (-821) (-)

Ion 61.00 (60.70 to 61.70): VX006813.D (-821) (-)

Ion 87.00 (86.70 to 87.70): VX006813.D (-821) (-)

Time--> 6.30 6.40 6.50 6.60

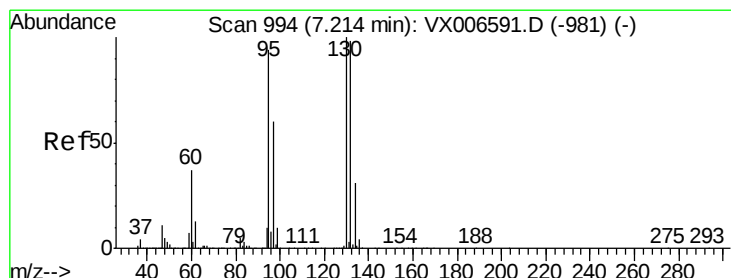


Abundance Ion 43.00 (42.70 to 43.70): VX006813.D (-821) (-)

Ion 61.00 (60.70 to 61.70): VX006813.D (-821) (-)

Ion 87.00 (86.70 to 87.70): VX006813.D (-821) (-)

Time--> 6.30 6.40 6.50 6.60



#44

Trichloroethene

Concen: 19.358 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006813.D

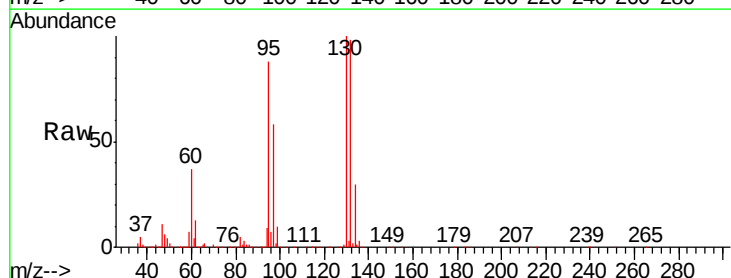
Acq: 26 Dec 2018 12:56

Tgt Ion: 130 Resp: 123384

Ion Ratio Lower Upper

130 100

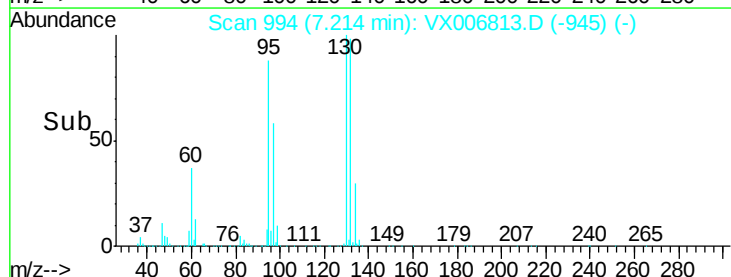
95 87.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006813.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX006813.D (-945) (-)

Time--> 7.10 7.20 7.30



Abundance Ion 129.80 (129.50 to 130.50): VX006813.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX006813.D (-945) (-)

Time--> 7.10 7.20 7.30



#45

1,2-Dichloropropane

Concen: 20.447 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

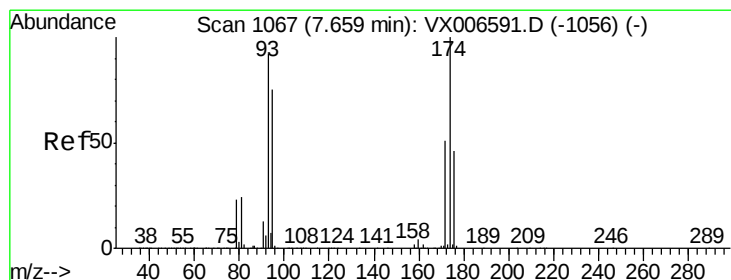
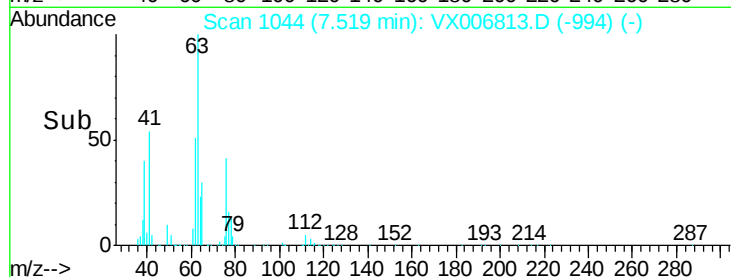
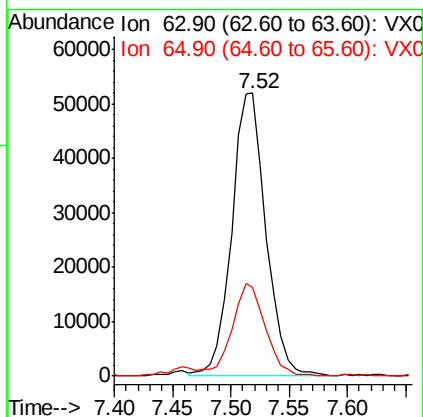
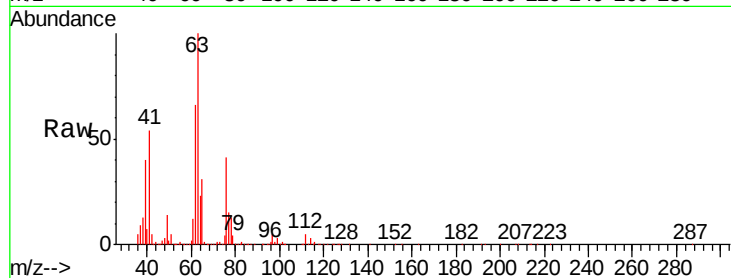
VX1226WBS01

Tgt Ion: 63 Resp: 104783

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.0



#46

Dibromomethane

Concen: 20.107 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

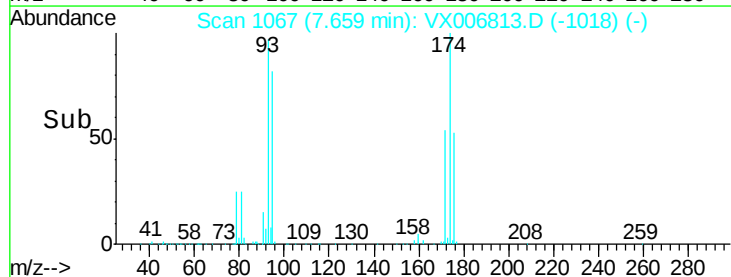
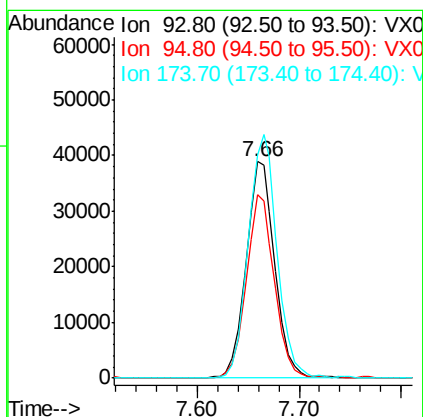
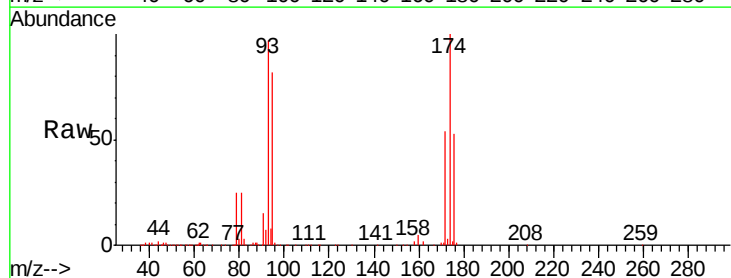
Tgt Ion: 93 Resp: 75791

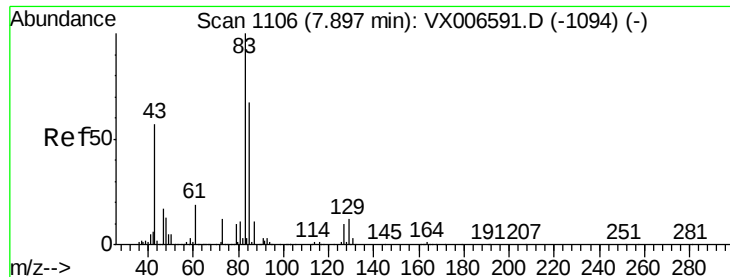
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 113.5 91.0 136.4





#47

Bromodichloromethane

Concen: 19.670 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

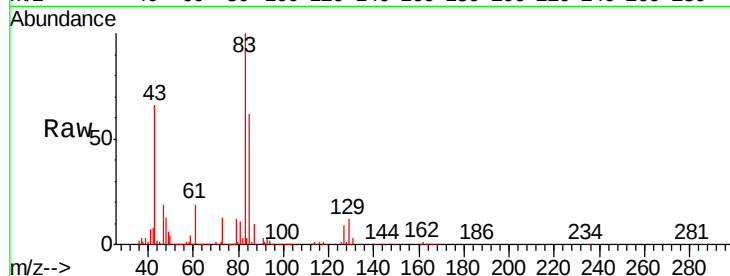
Tgt Ion: 83 Resp: 123096

Ion Ratio Lower Upper

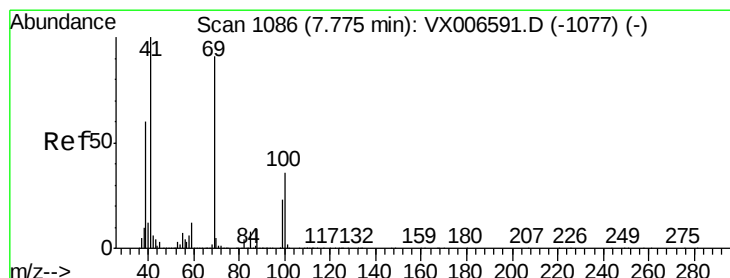
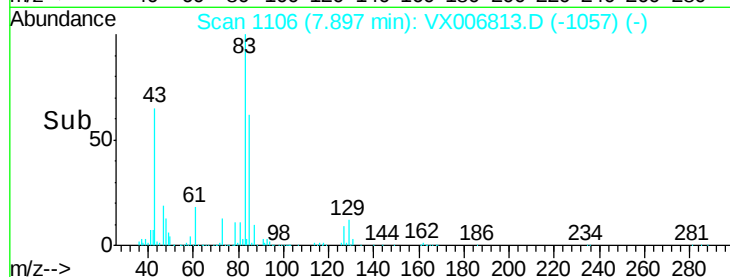
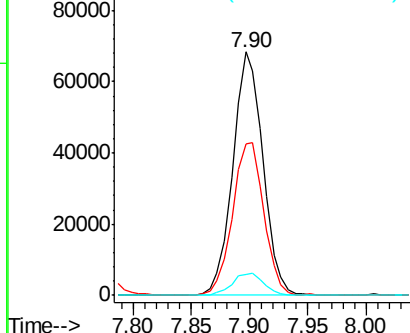
83 100

85 61.9 53.2 79.8

127 8.8 7.8 11.6



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: 21.604 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

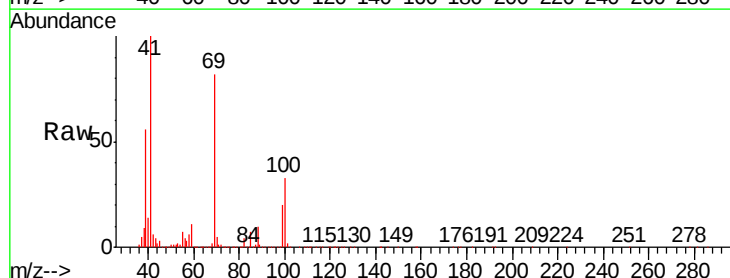
Tgt Ion: 41 Resp: 120532

Ion Ratio Lower Upper

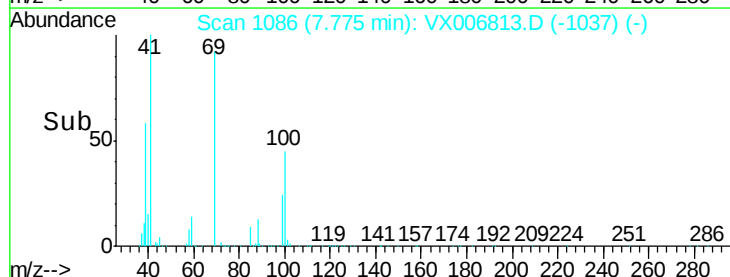
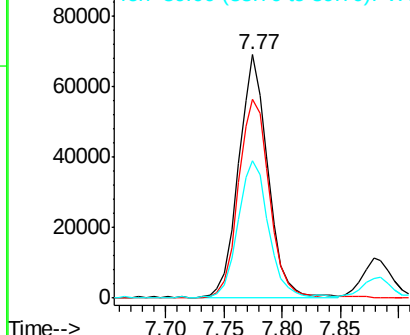
41 100

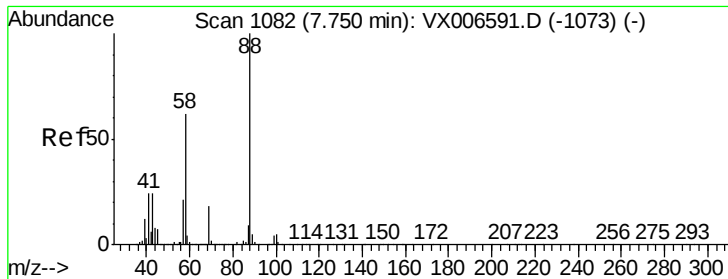
69 86.6 72.4 108.6

39 58.7 45.8 68.8



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: 434.528 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

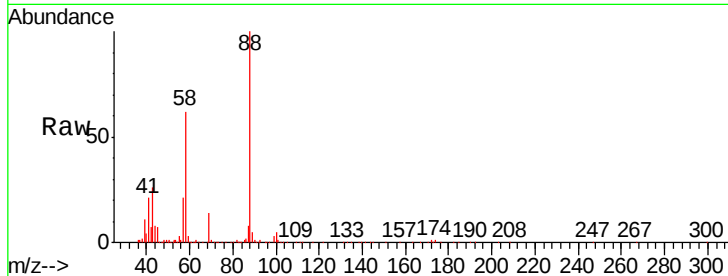
Tgt Ion: 88 Resp: 65072

Ion Ratio Lower Upper

88 100

43 28.6 22.2 33.4

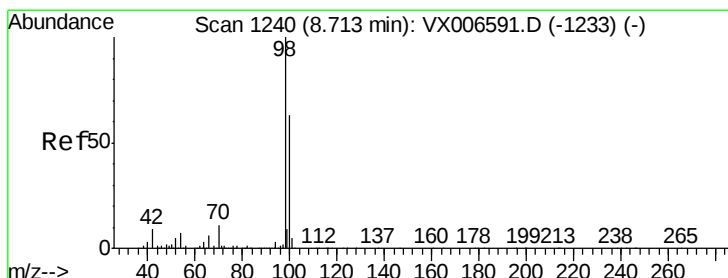
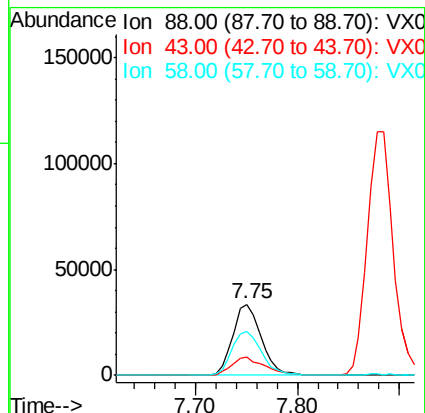
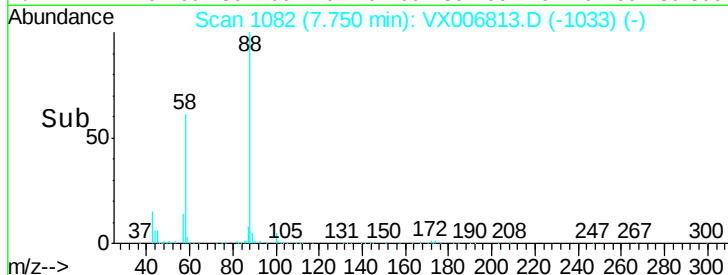
58 65.3 51.0 76.4



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: 49.125 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006813.D

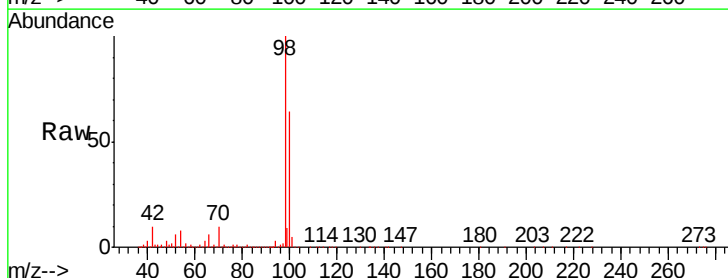
Acq: 26 Dec 2018 12:56

Tgt Ion: 98 Resp: 979661

Ion Ratio Lower Upper

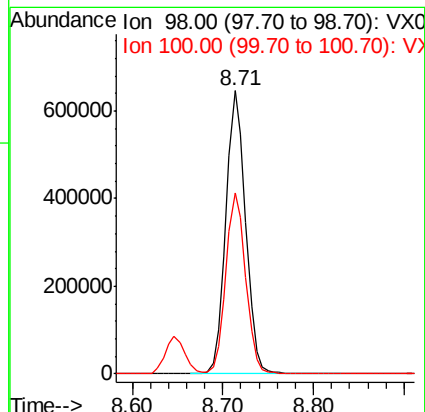
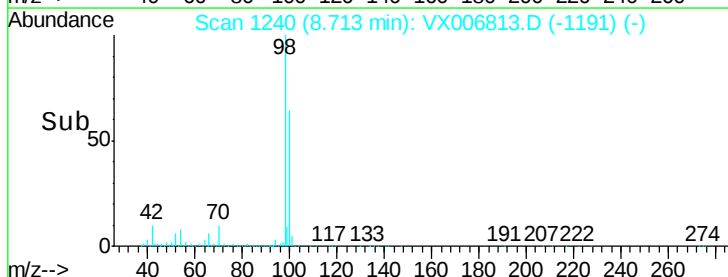
98 100

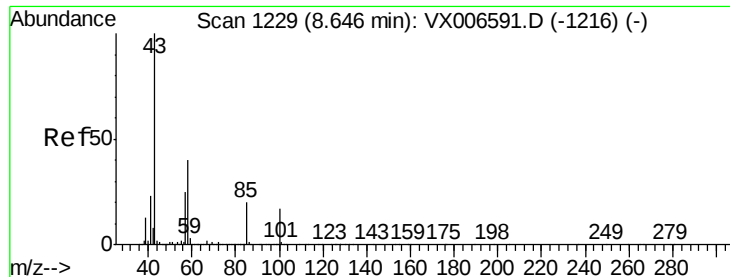
100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

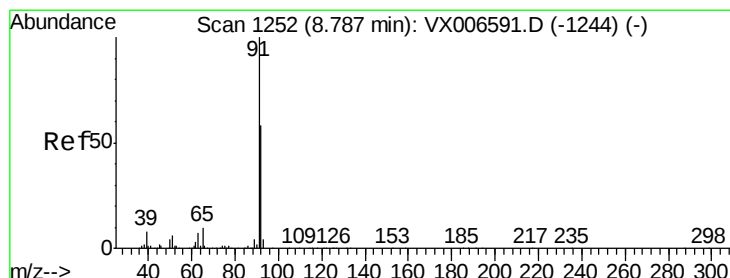
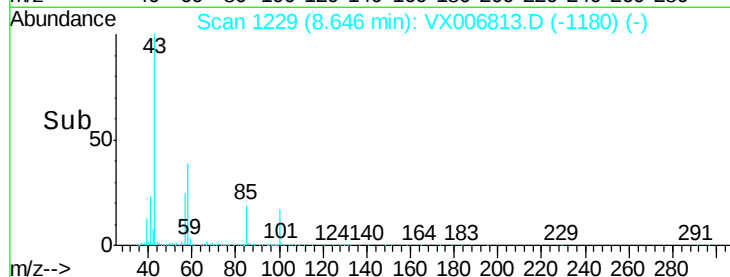
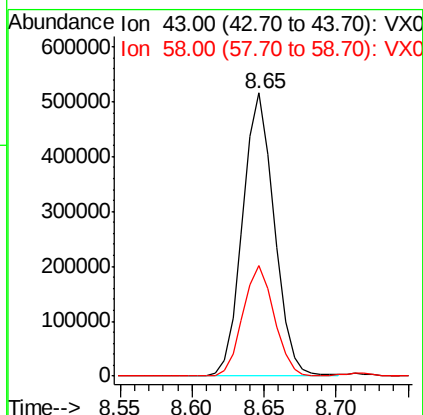
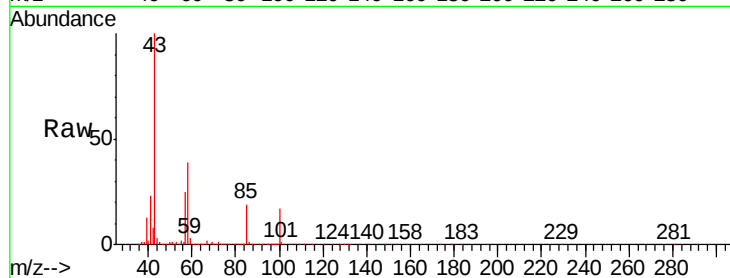




#51
4-Methyl-2-Pentanone
Concen: 112.579 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

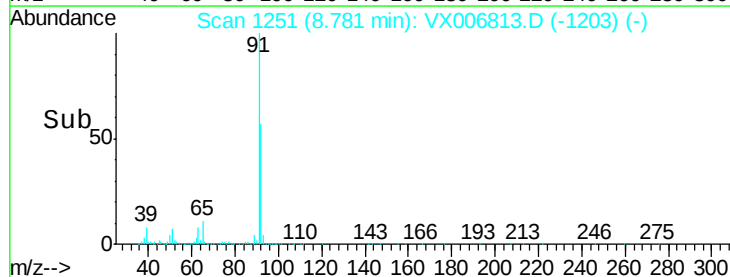
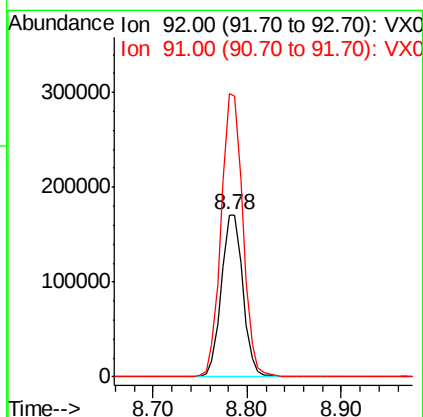
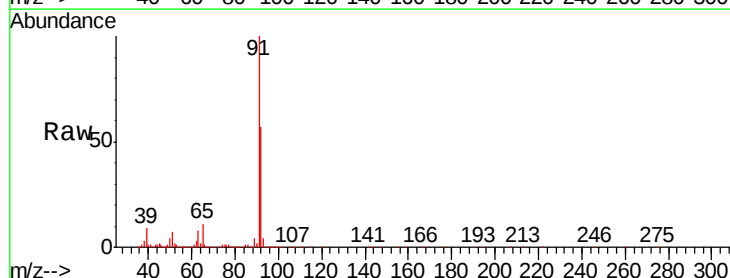
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

Tgt Ion: 43 Resp: 785879
Ion Ratio Lower Upper
43 100
58 38.7 31.8 47.6



#52
Toluene
Concen: 20.061 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion: 92 Resp: 272915
Ion Ratio Lower Upper
92 100
91 175.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.511 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampled :

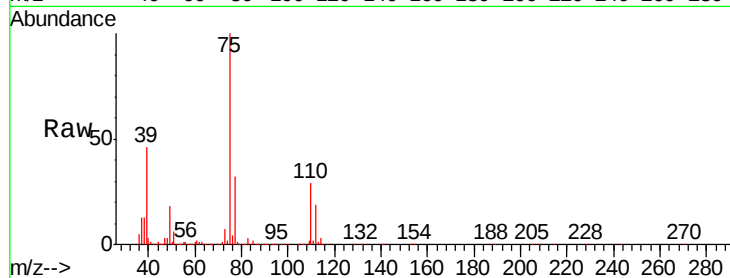
VX1226WBS01

Tgt Ion: 75 Resp: 130951

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

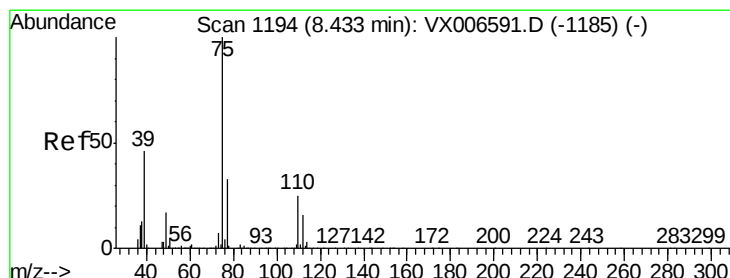
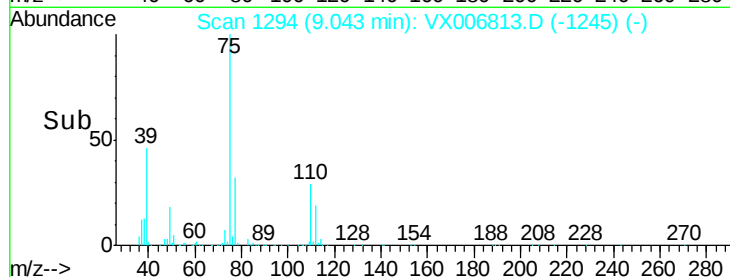
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.439 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

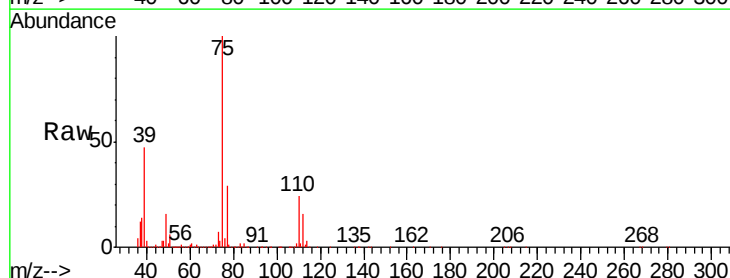
Tgt Ion: 75 Resp: 150520

Ion Ratio Lower Upper

75 100

77 29.0 26.2 39.2

39 46.6 36.7 55.1



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

120000

100000

80000

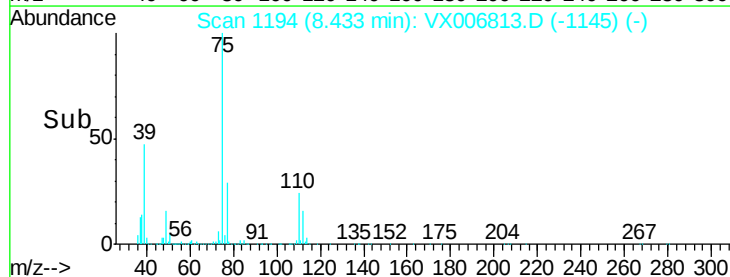
60000

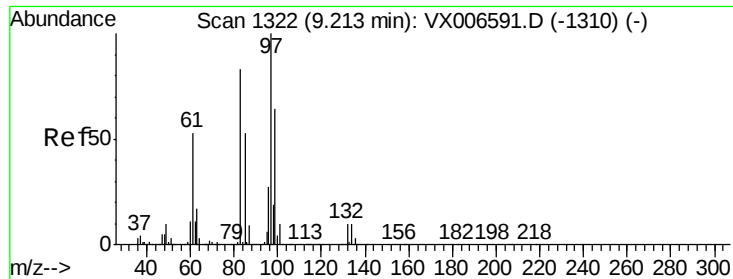
40000

20000

0

Time-->

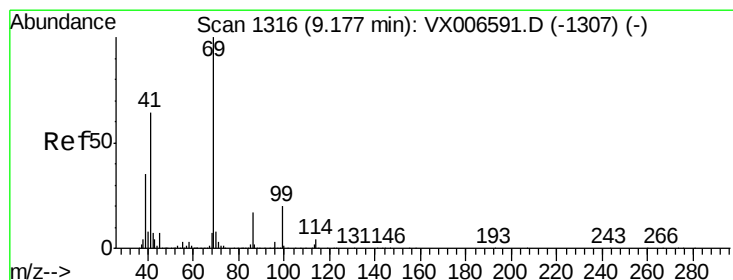
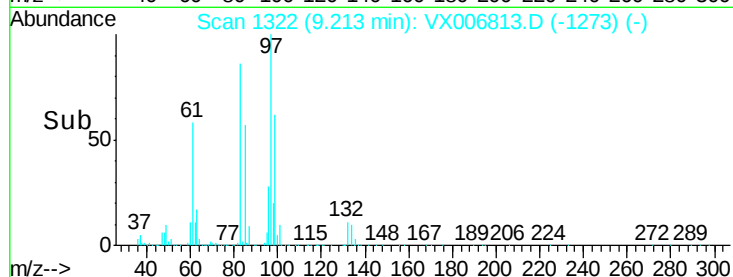
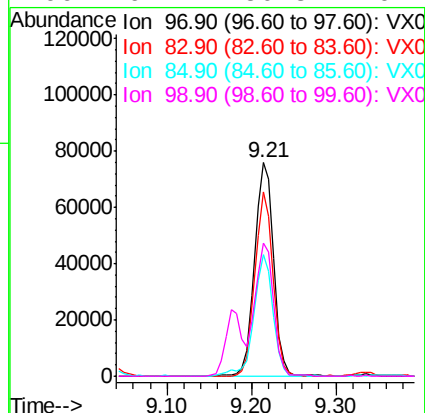
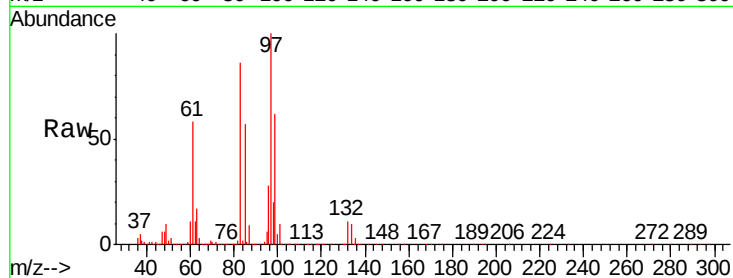




#55
 1,1,2-Trichloroethane
 Concen: 20.703 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

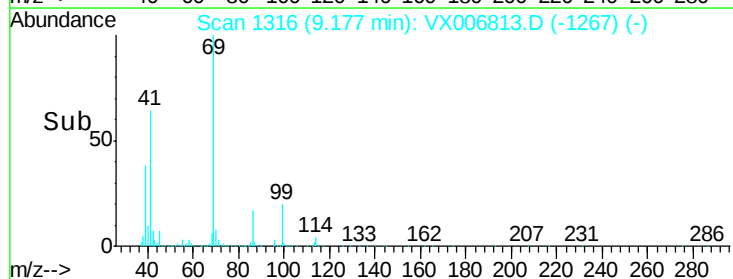
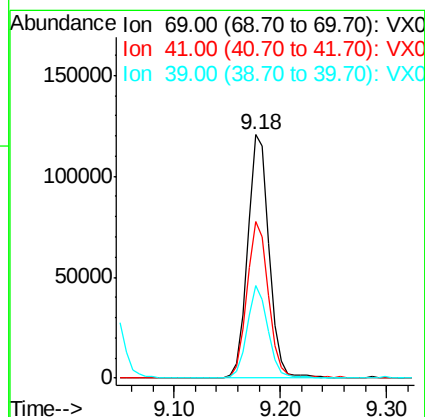
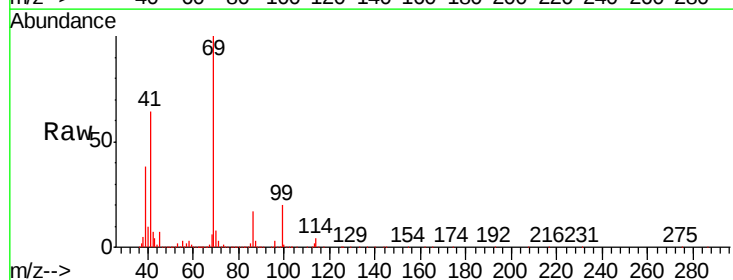
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

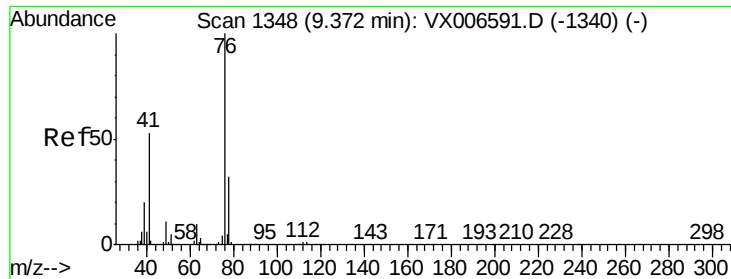
Tgt Ion:	97	Resp:	115287
Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.6	99.8
85	56.8	42.7	64.1
99	62.2	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 21.637 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion:	69	Resp:	170290
Ion	Ratio	Lower	Upper
69	100		
41	64.1	48.7	73.1
39	36.1	27.0	40.6





#57

1,3-Dichloropropane

Concen: 20.111 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampled :

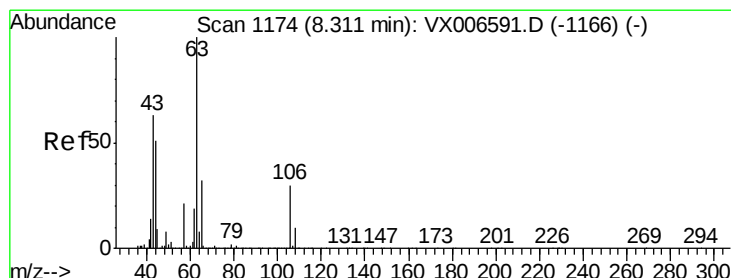
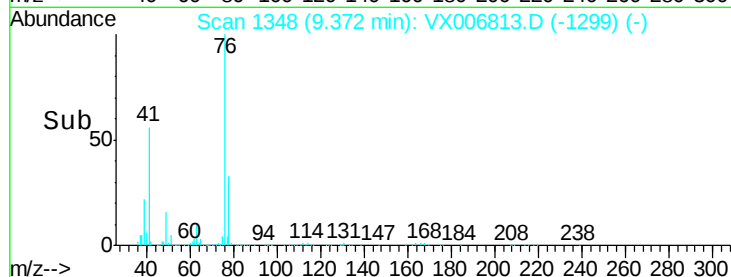
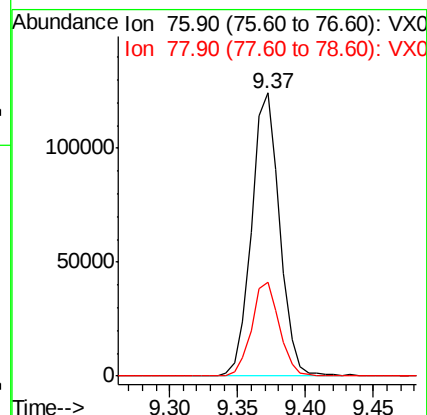
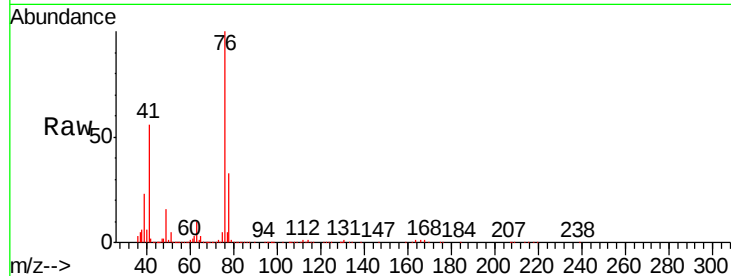
VX1226WBS01

Tgt Ion: 76 Resp: 180183

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 103.644 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006813.D

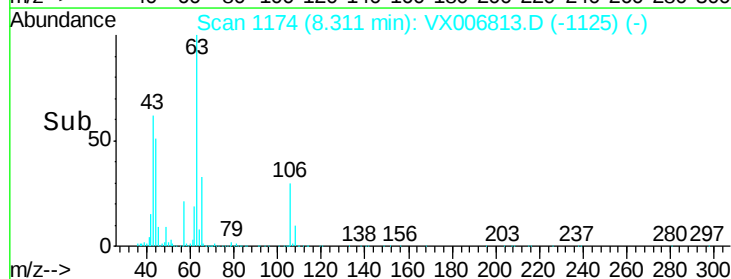
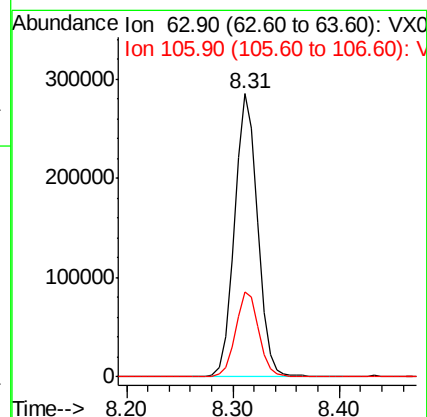
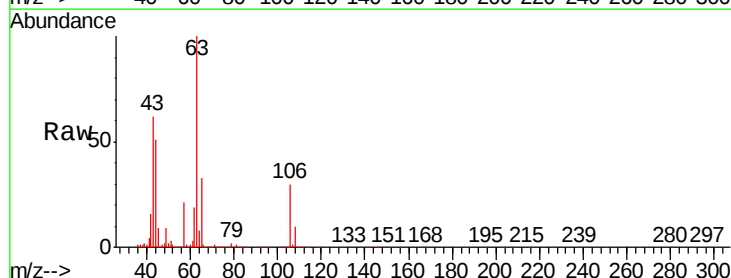
Acq: 26 Dec 2018 12:56

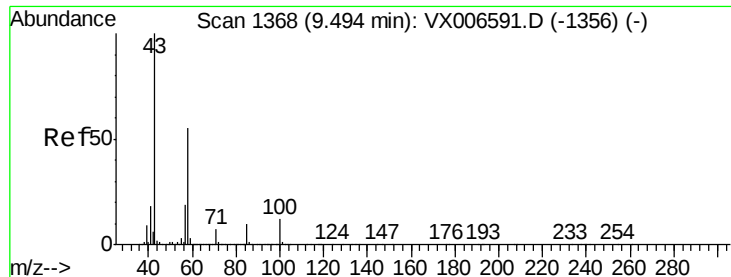
Tgt Ion: 63 Resp: 433614

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8

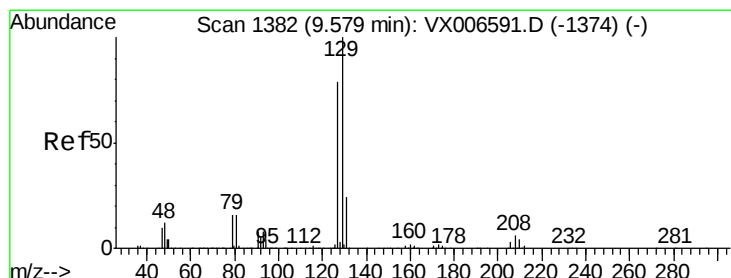
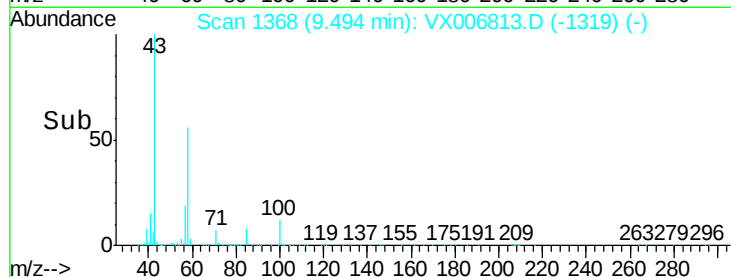
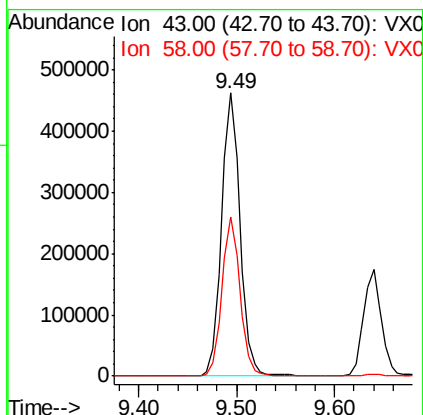
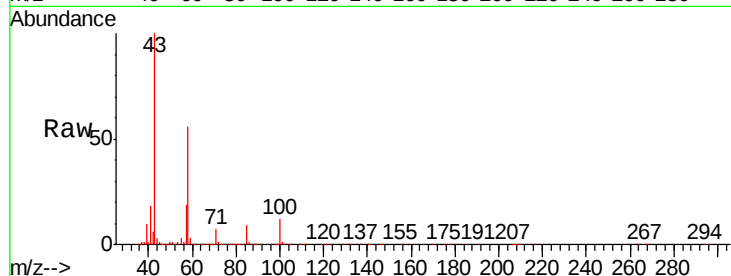




#59
2-Hexanone
Concen: 113.911 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

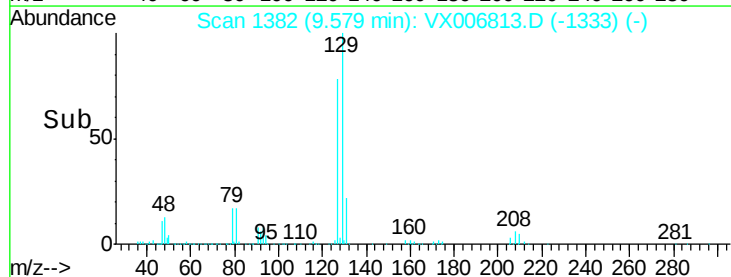
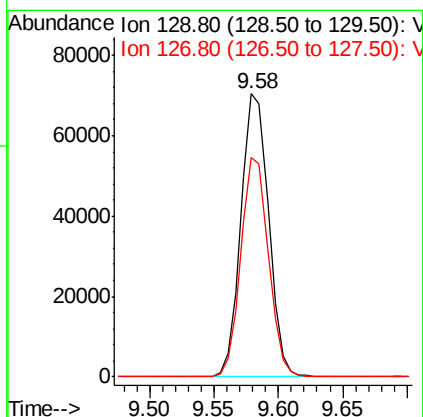
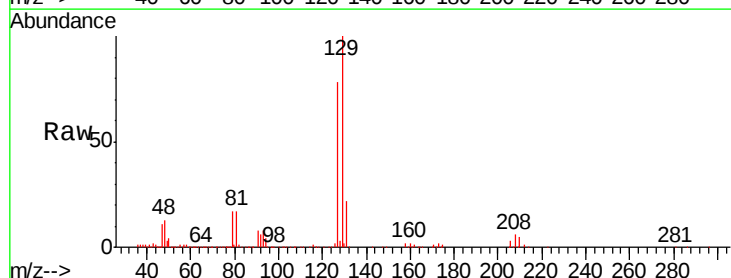
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

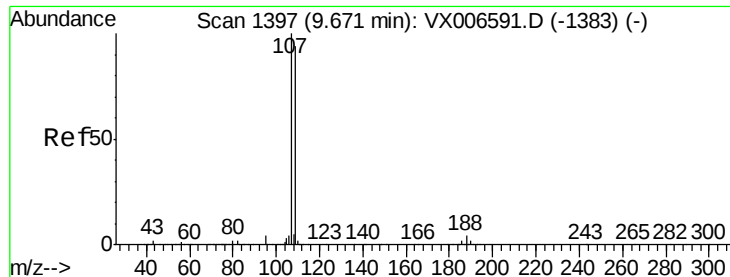
Tgt Ion: 43 Resp: 608404
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1



#60
Dibromochloromethane
Concen: 19.440 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion: 129 Resp: 104542
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8

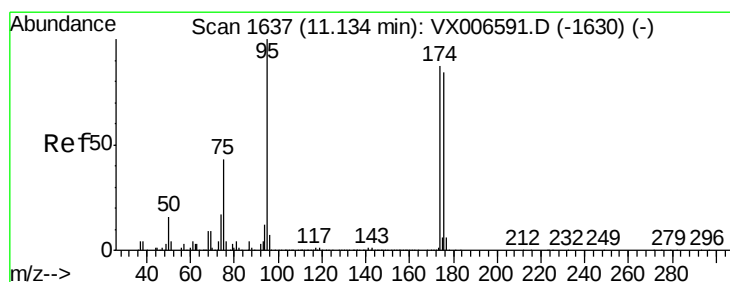
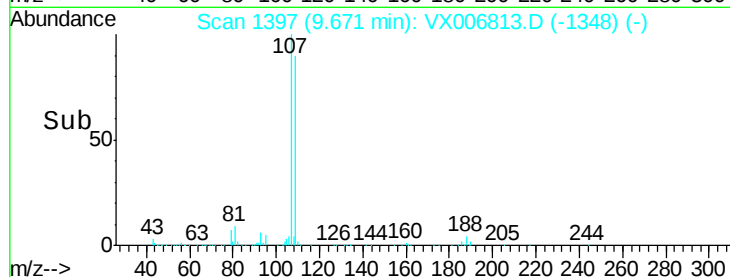
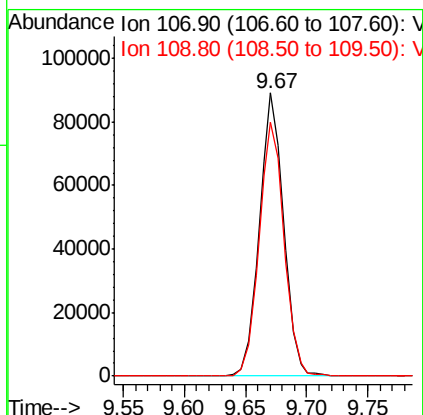
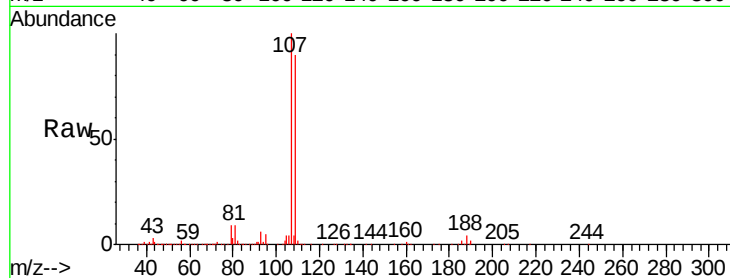




#61
 1,2-Dibromoethane
 Concen: 20.880 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

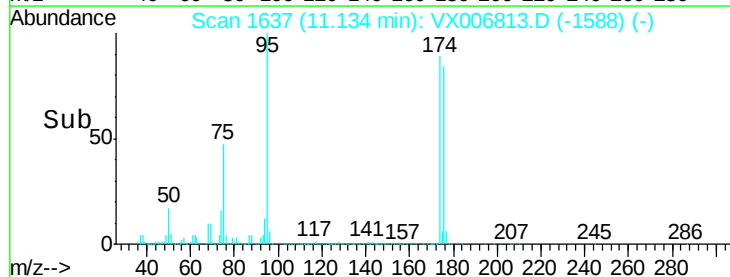
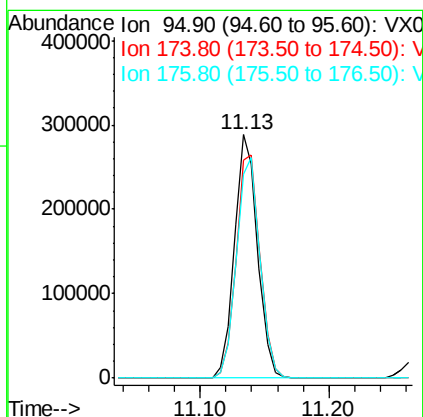
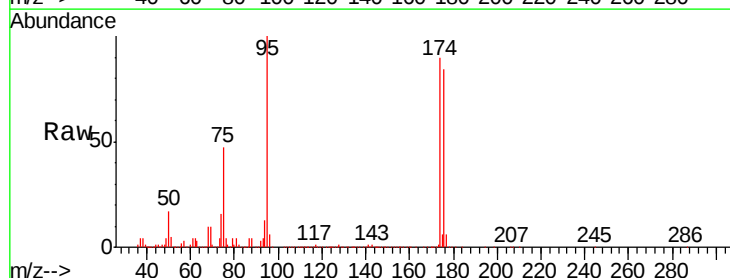
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

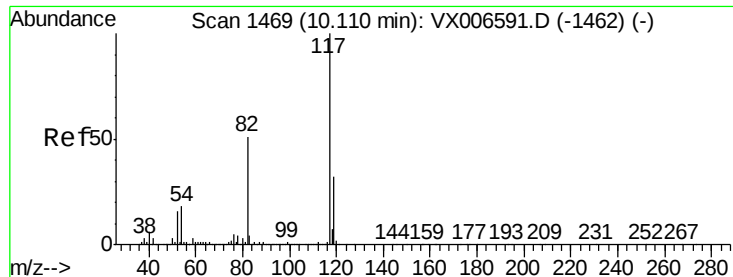
Tgt Ion: 107 Resp: 123601
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.143 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion: 95 Resp: 358920
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 182.2
 176 92.5 0.0 178.8

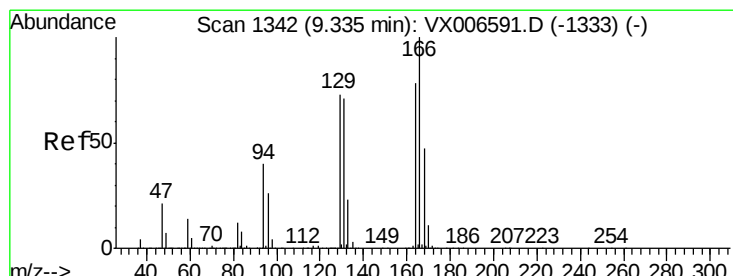
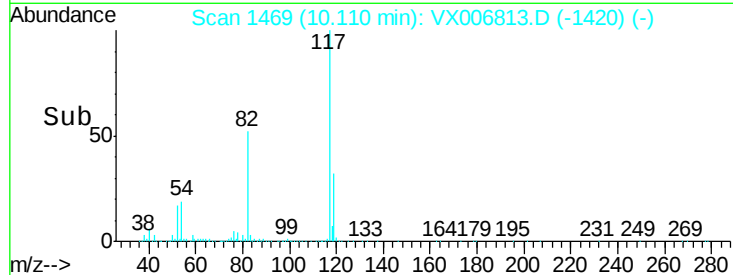
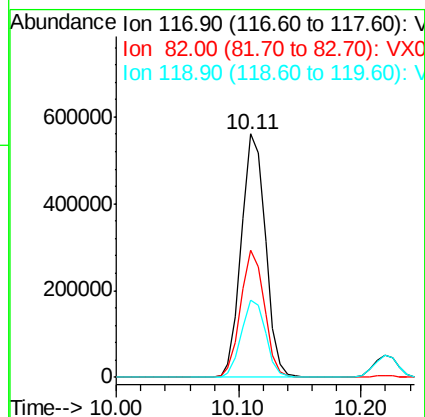
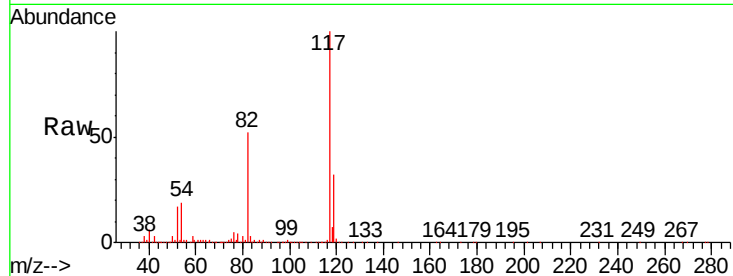




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

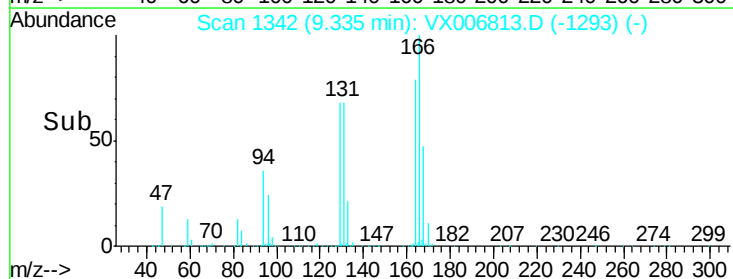
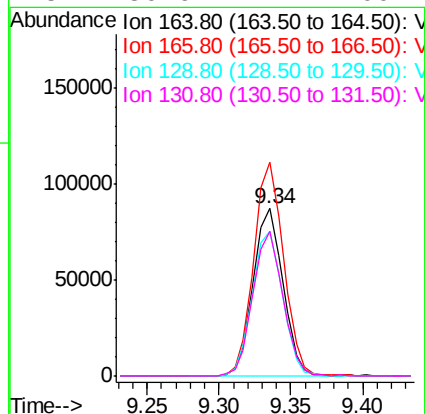
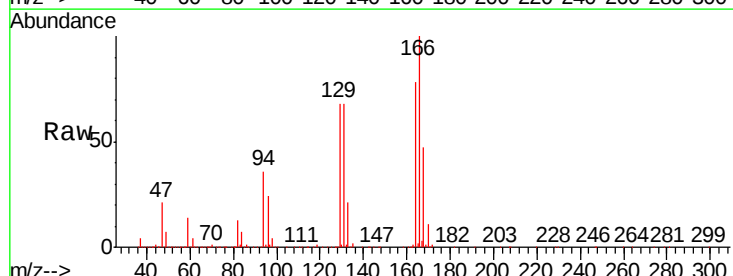
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

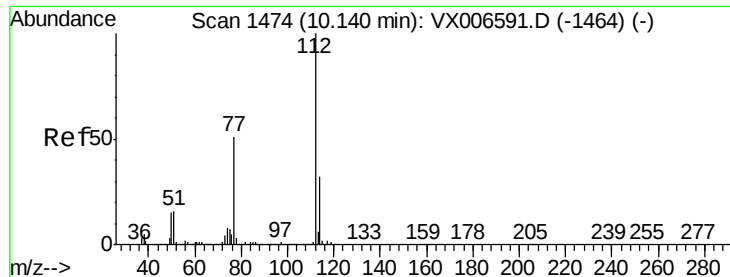
Tgt Ion:117 Resp: 765494
Ion Ratio Lower Upper
117 100
82 52.1 41.0 61.6
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 20.572 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion:164 Resp: 124698
Ion Ratio Lower Upper
164 100
166 127.4 102.5 153.7
129 86.5 75.1 112.7
131 86.6 72.7 109.1





#65

Chlorobenzene

Concen: 20.039 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampled :

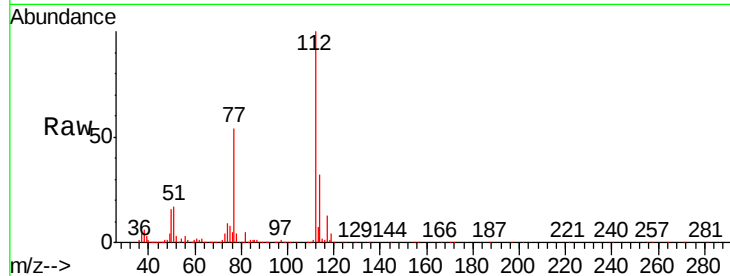
VX1226WBS01

Tgt Ion:112 Resp: 324529

Ion Ratio Lower Upper

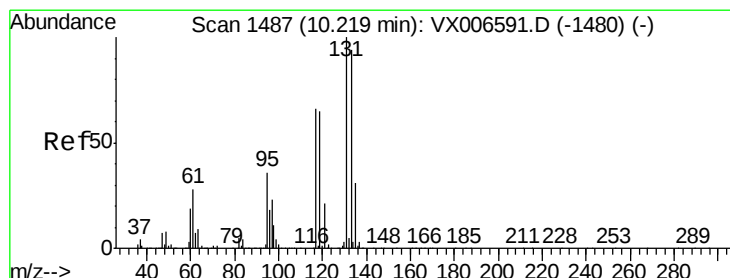
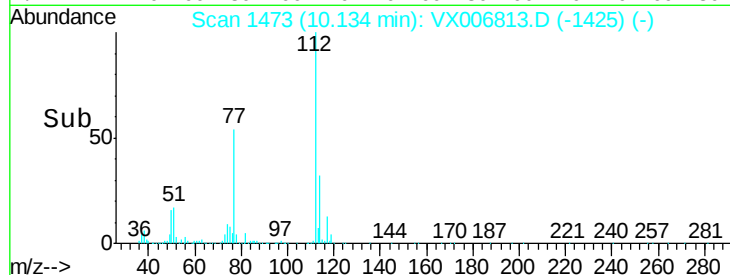
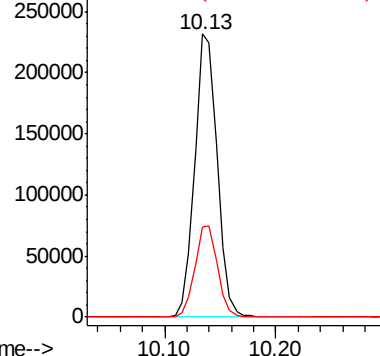
112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.258 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

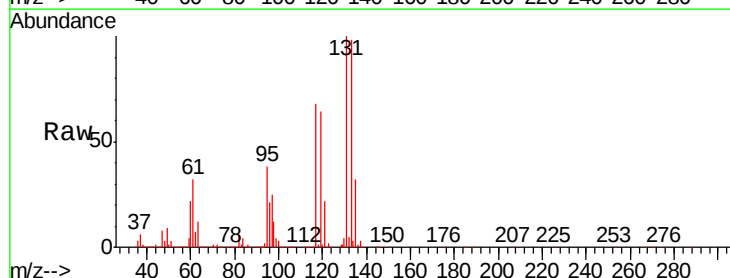
Tgt Ion:131 Resp: 107408

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

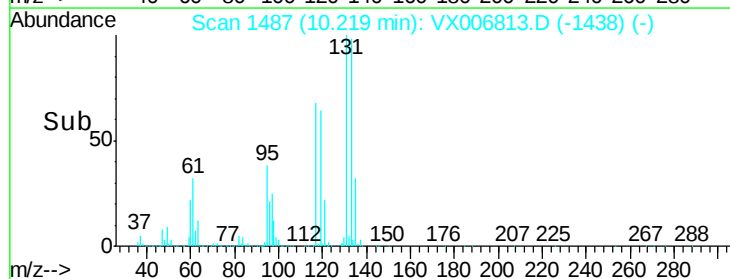
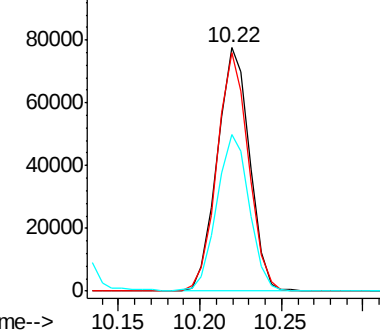
119 64.4 32.6 97.8

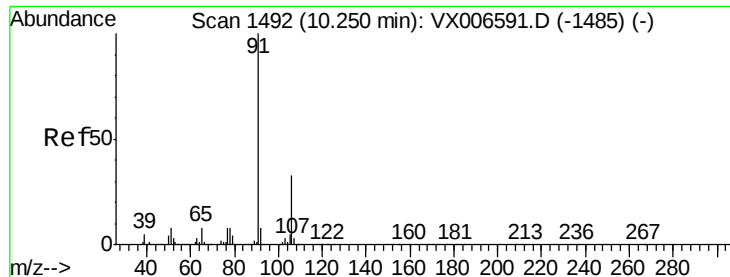


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.044 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

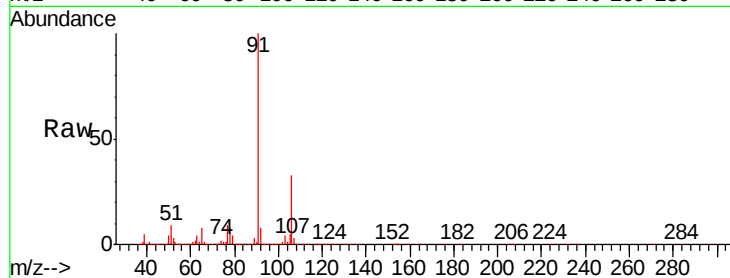
VX1226WBS01

Tgt Ion: 91 Resp: 530441

Ion Ratio Lower Upper

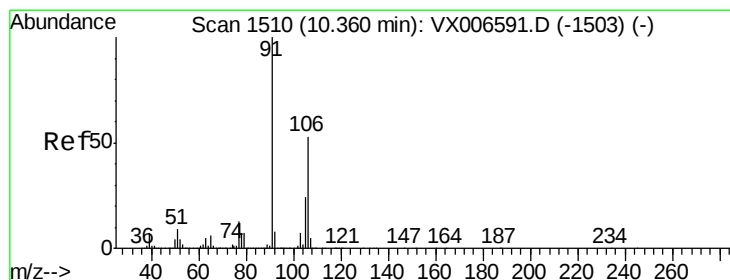
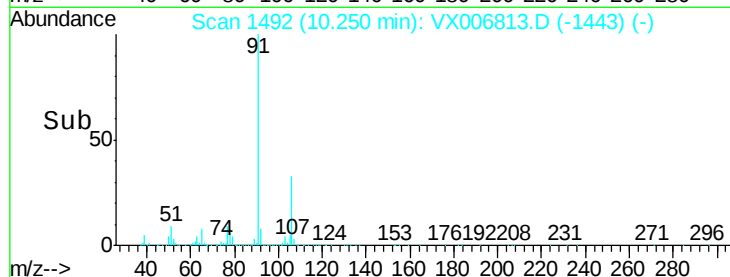
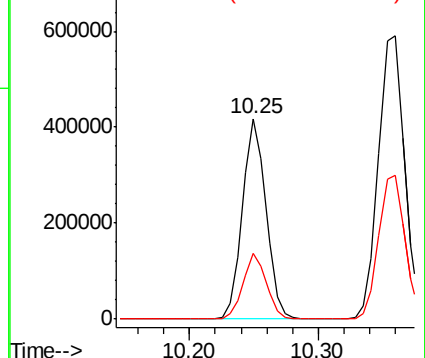
91 100

106 33.0 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.315 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006813.D

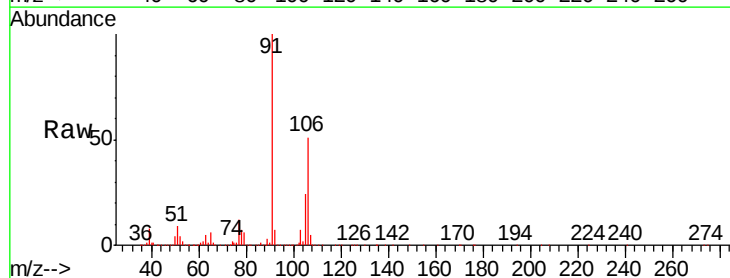
Acq: 26 Dec 2018 12:56

Tgt Ion: 106 Resp: 420987

Ion Ratio Lower Upper

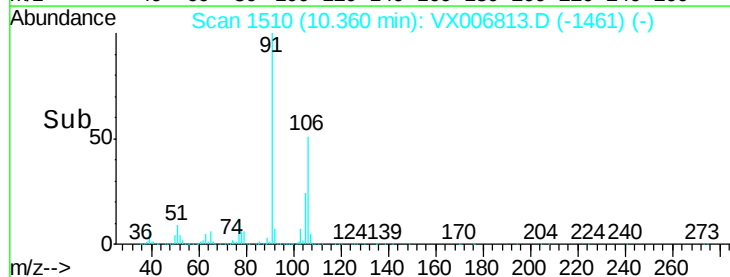
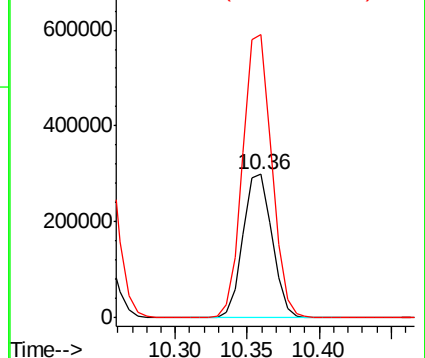
106 100

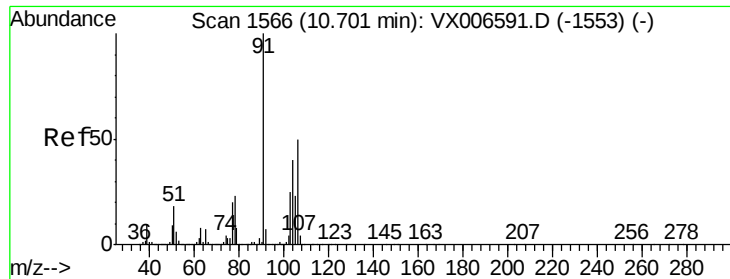
91 196.4 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

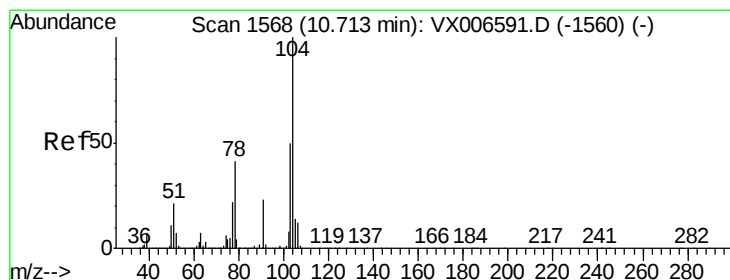
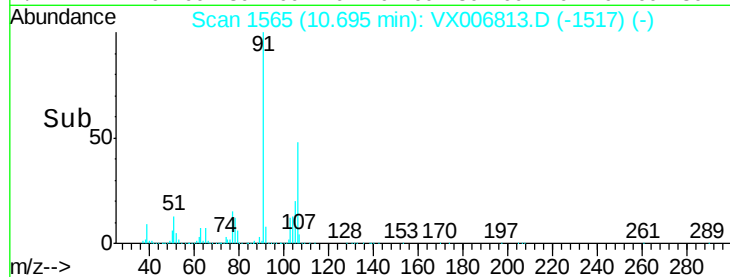
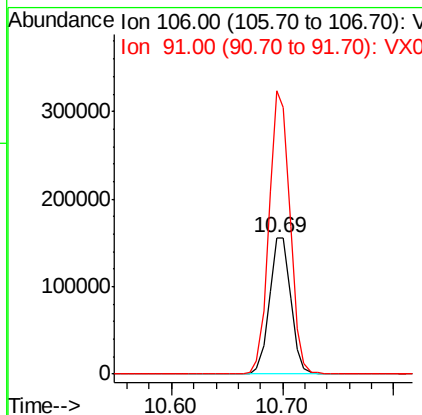
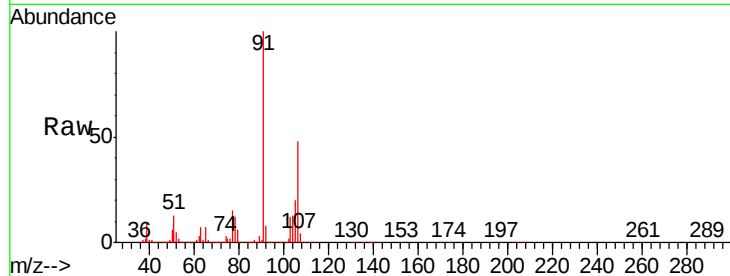




#69
o-Xylene
Concen: 20.239 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

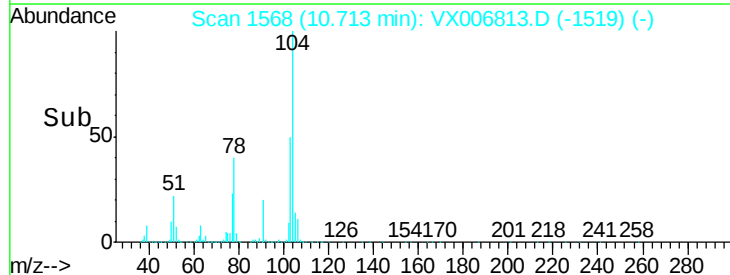
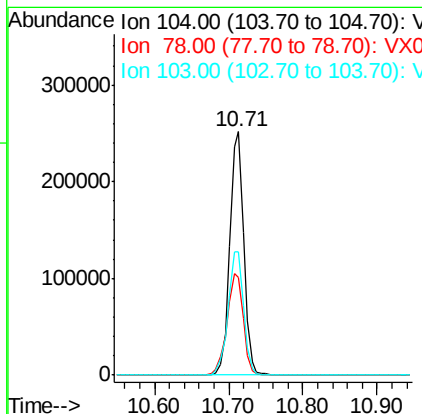
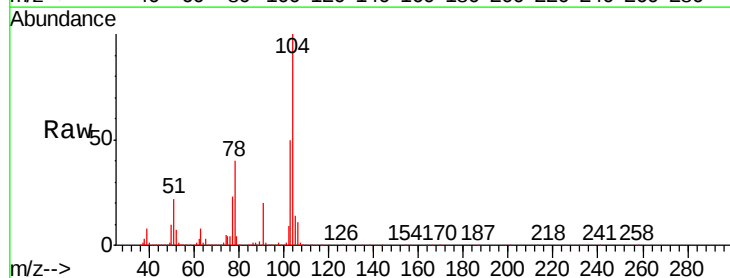
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

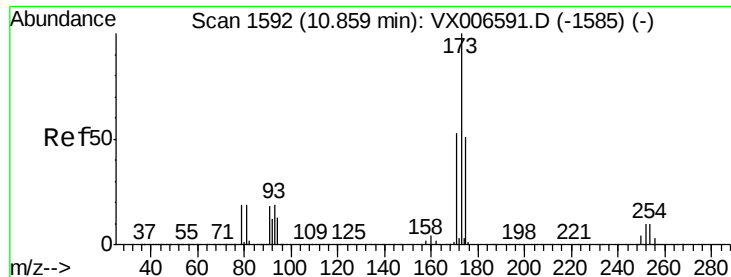
Tgt Ion:106 Resp: 208694
Ion Ratio Lower Upper
106 100
91 203.3 101.3 303.7



#70
Styrene
Concen: 20.306 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion:104 Resp: 331261
Ion Ratio Lower Upper
104 100
78 47.9 37.7 56.5
103 56.3 43.8 65.8

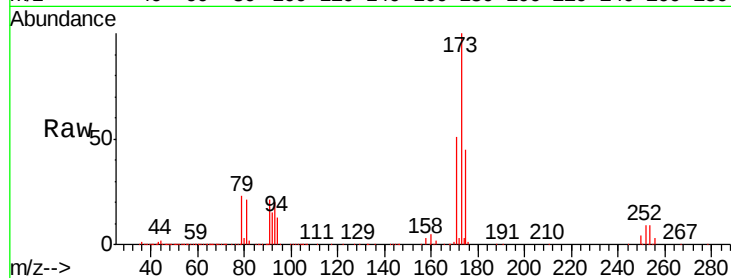




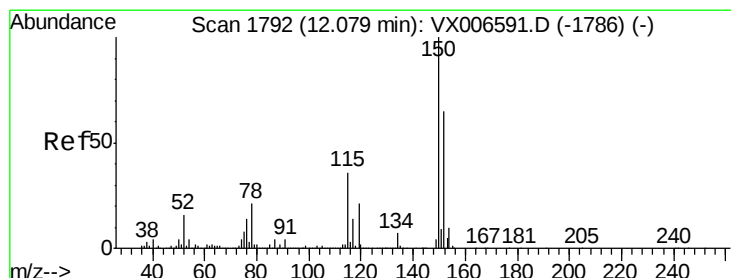
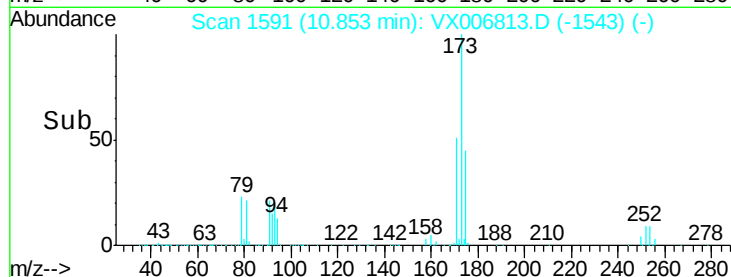
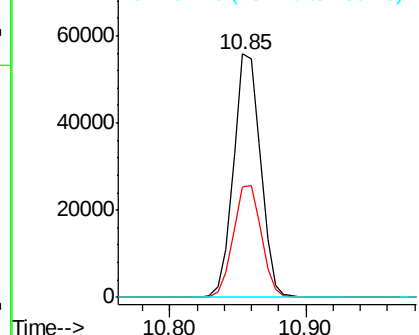
#71
Bromoform
Concen: 19.826 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

Tgt Ion:173 Resp: 76892
Ion Ratio Lower Upper
173 100
175 48.0 24.7 74.1
254 0.3 0.2 0.2#

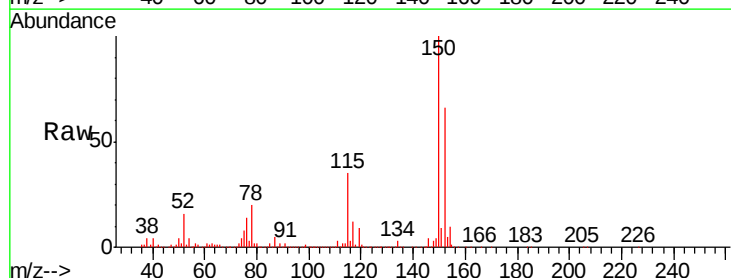


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

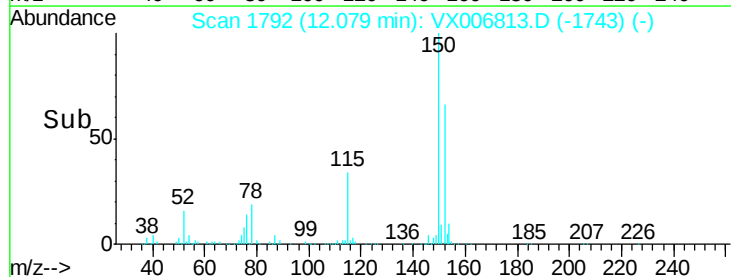
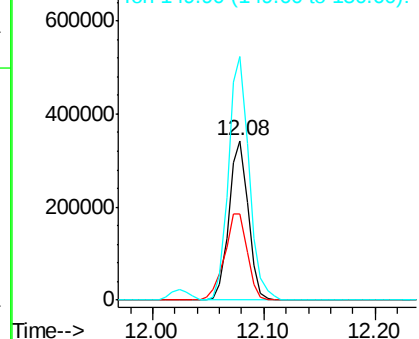


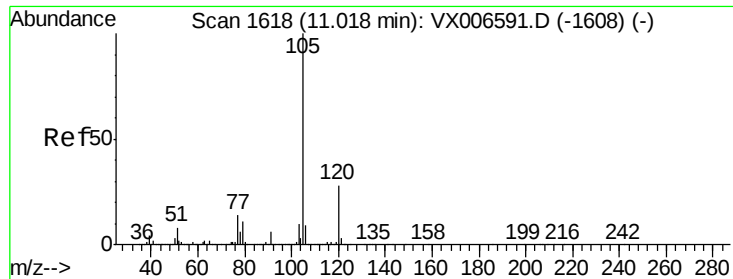
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion:152 Resp: 408450
Ion Ratio Lower Upper
152 100
115 64.2 39.1 117.2
150 163.2 0.0 344.8



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





#73

Isopropylbenzene

Concen: 19.745 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

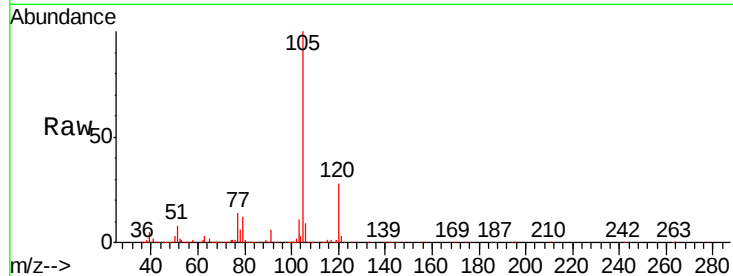
VX1226WBS01

Tgt Ion:105 Resp: 551728

Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

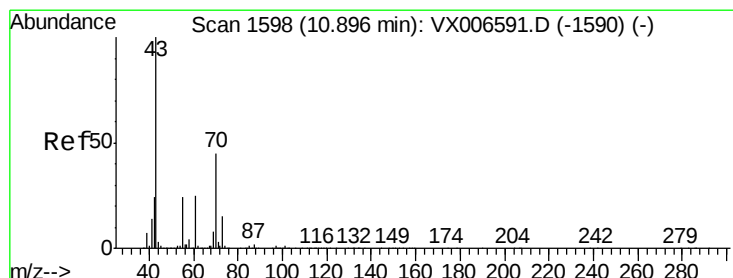
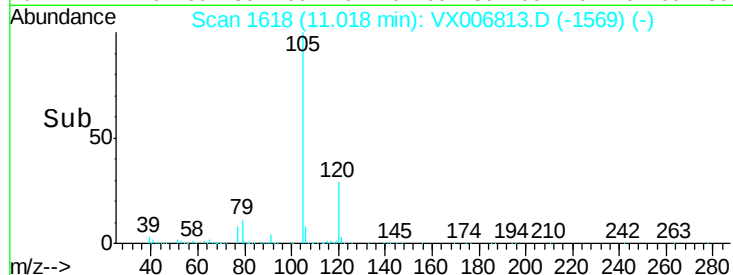
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 22.160 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Tgt Ion: 43 Resp: 221647

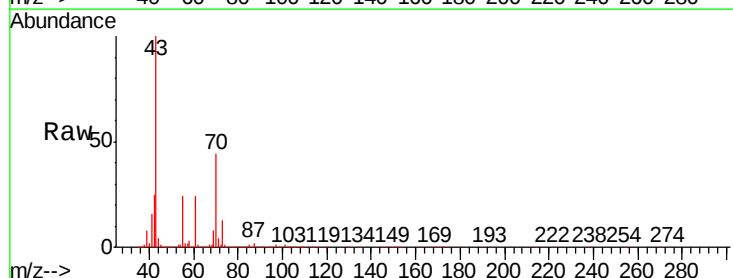
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.8 19.4 29.0

61 24.4 20.1 30.1



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

10.90

200000

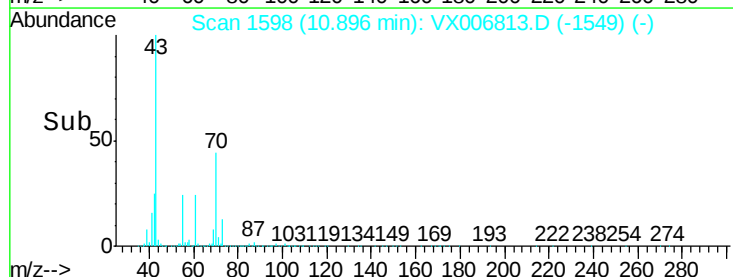
150000

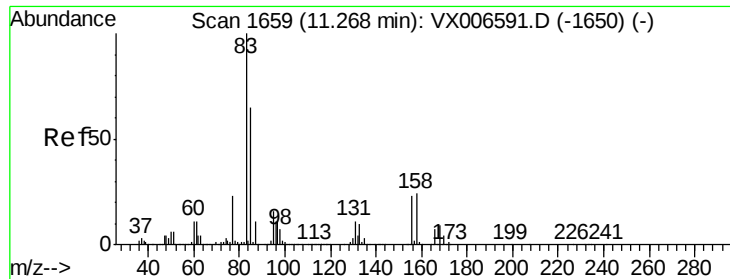
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.310 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

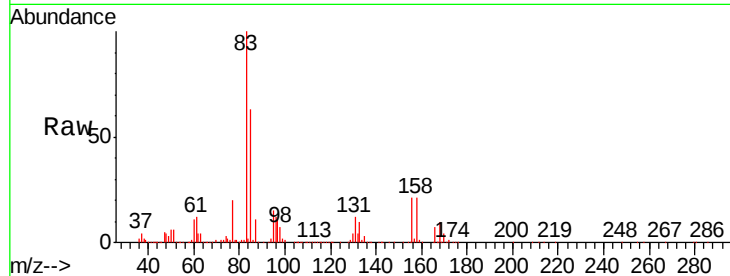
Tgt Ion: 83 Resp: 177091

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

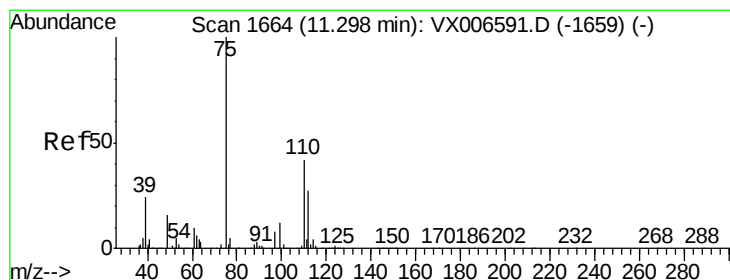
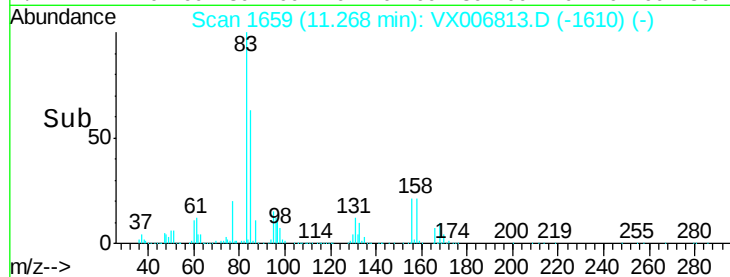
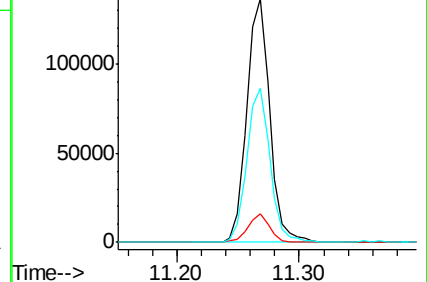
85 64.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.905 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006813.D

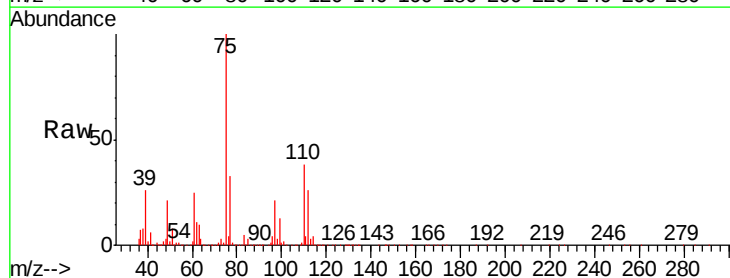
Acq: 26 Dec 2018 12:56

Tgt Ion: 75 Resp: 189048

Ion Ratio Lower Upper

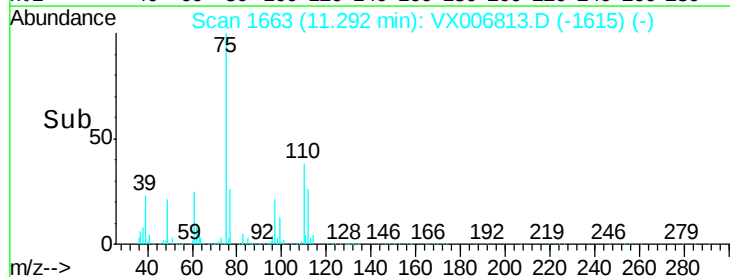
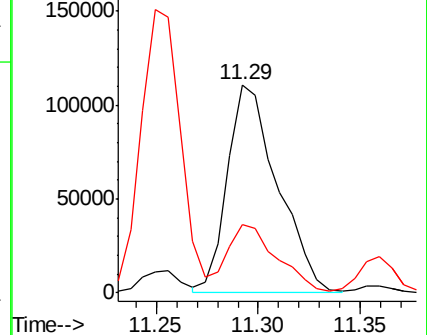
75 100

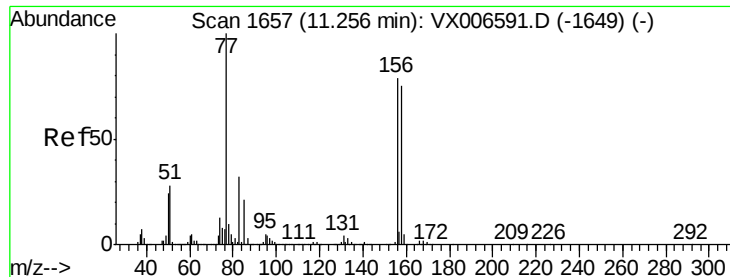
77 32.5 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.012 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

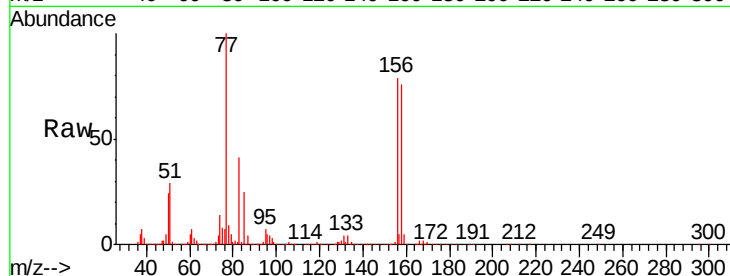
Tgt Ion:156 Resp: 151183

Ion Ratio Lower Upper

156 100

77 134.1 68.0 204.0

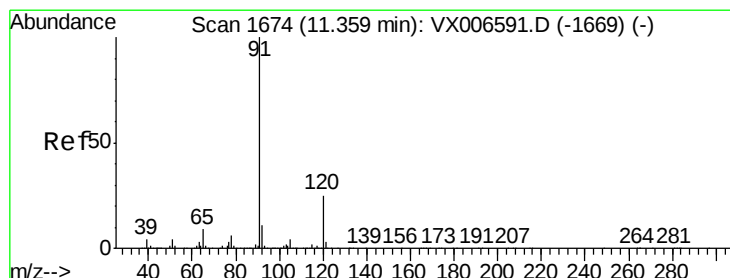
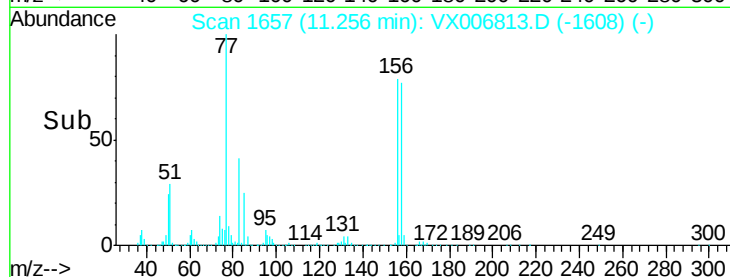
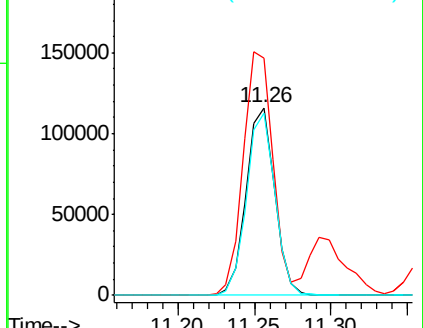
158 96.6 48.3 144.8



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: 19.967 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006813.D

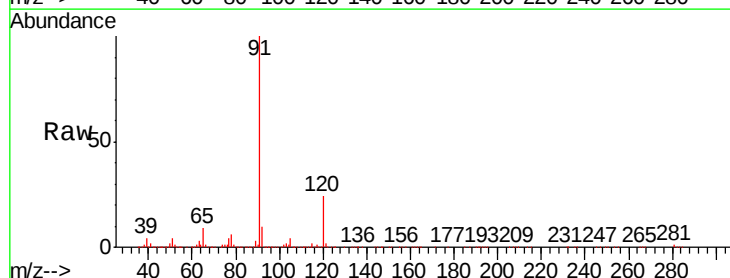
Acq: 26 Dec 2018 12:56

Tgt Ion: 91 Resp: 614400

Ion Ratio Lower Upper

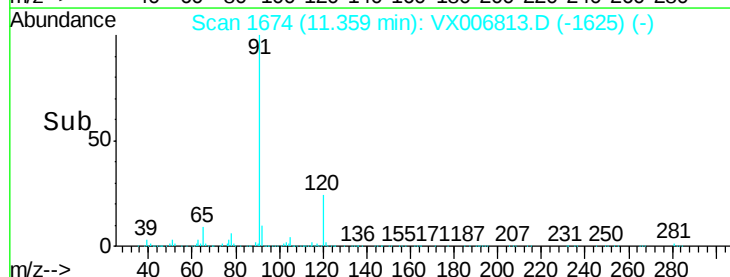
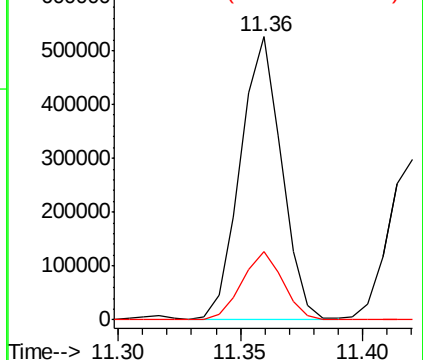
91 100

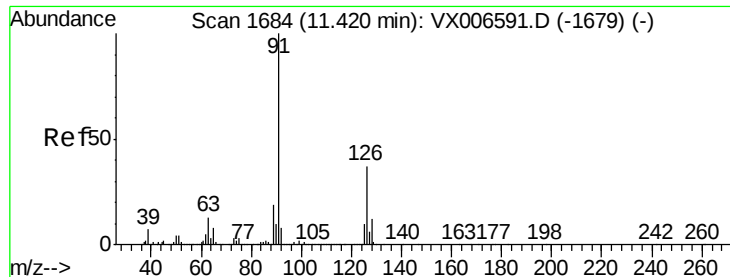
120 24.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.488 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

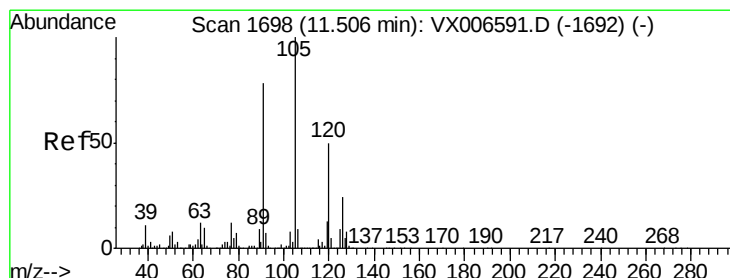
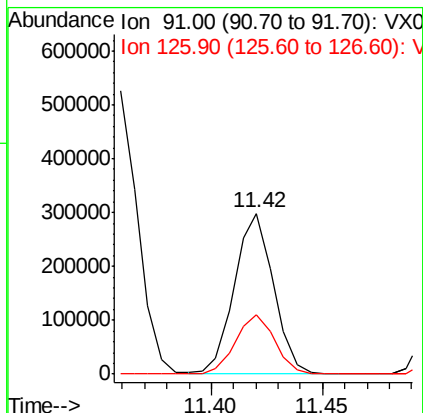
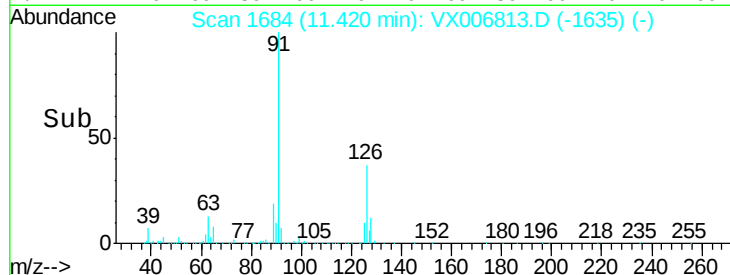
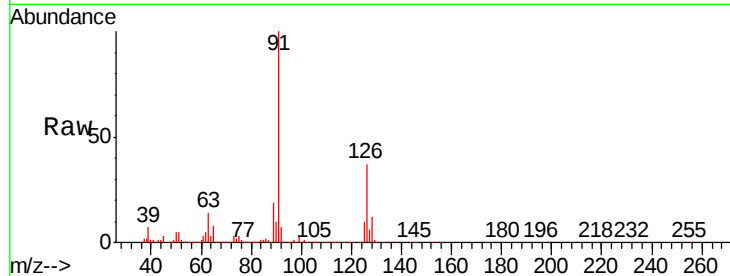
VX1226WBS01

Tgt Ion: 91 Resp: 363394

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.801 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006813.D

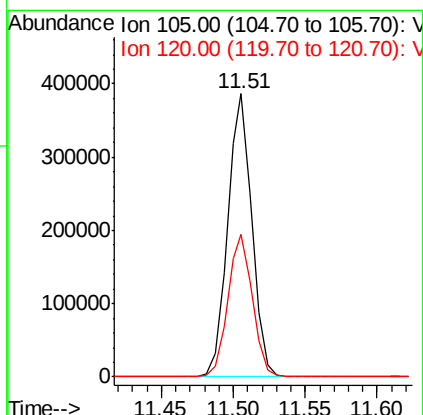
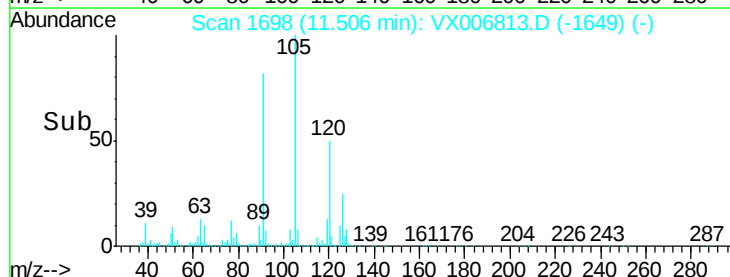
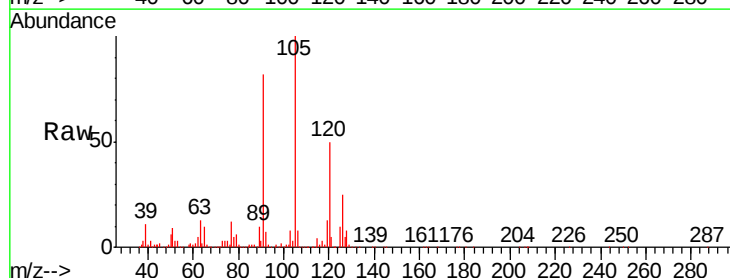
Acq: 26 Dec 2018 12:56

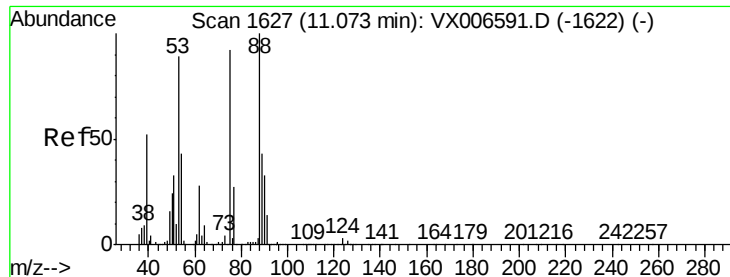
Tgt Ion: 105 Resp: 455737

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.3

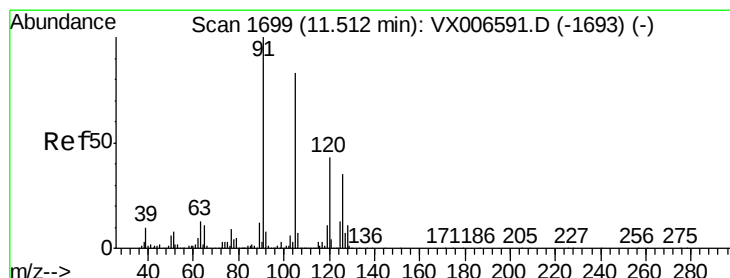
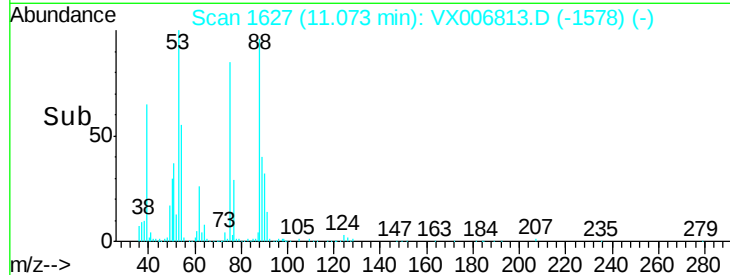
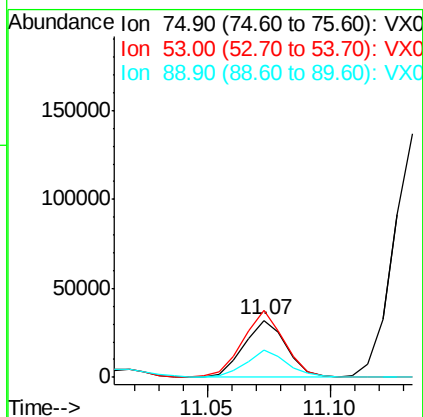
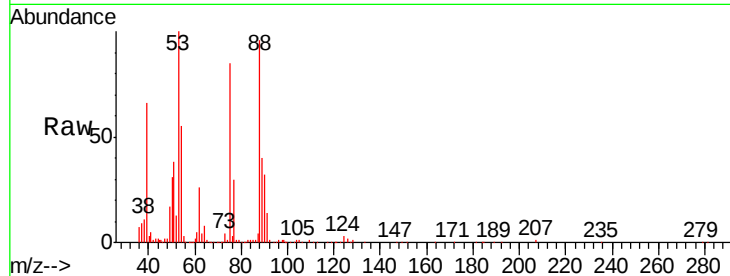




#81
trans-1,4-Dichloro-2-butene
Concen: 18.390 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

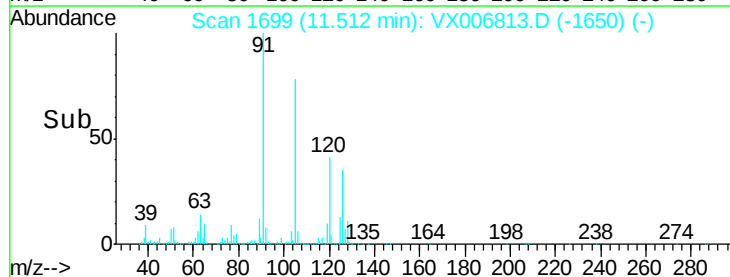
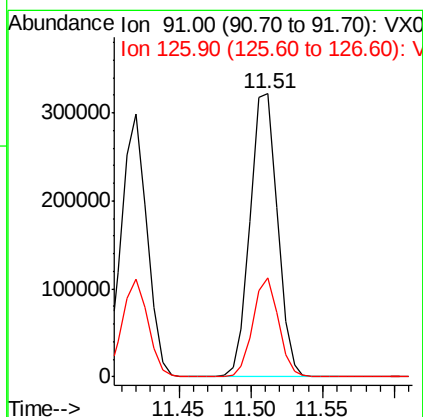
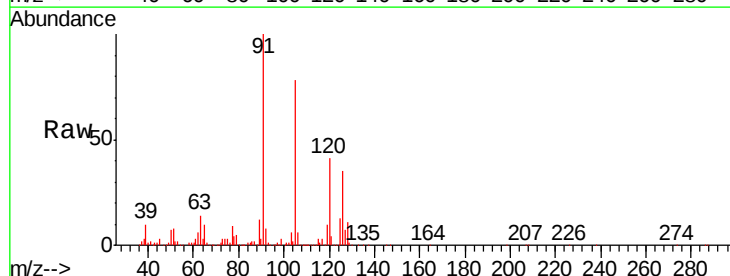
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

Tgt Ion: 75 Resp: 38579
Ion Ratio Lower Upper
75 100
53 114.6 79.7 119.5
89 47.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.730 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion: 91 Resp: 422017
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9





#83

tert-Butylbenzene

Concen: 20.123 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

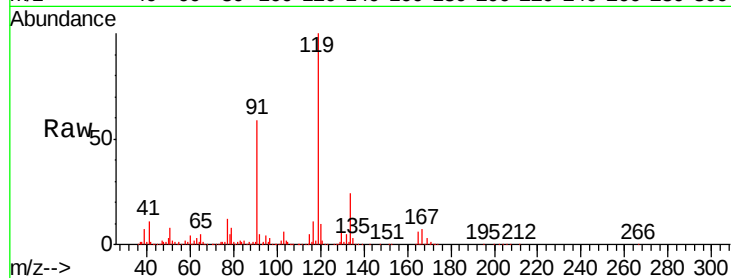
Tgt Ion:119 Resp: 463535

Ion Ratio Lower Upper

119 100

91 56.3 27.7 83.1

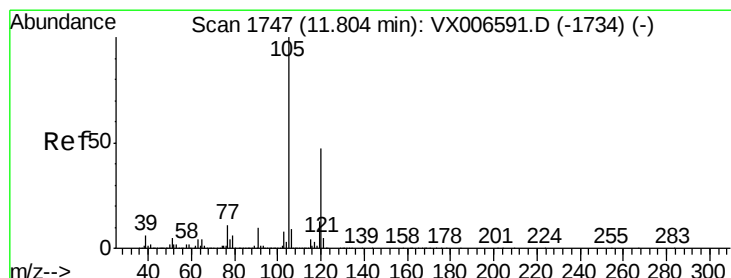
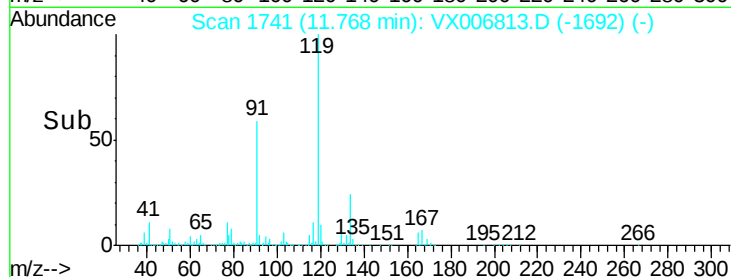
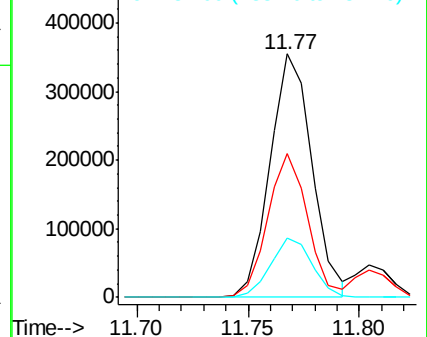
134 24.3 11.9 35.5



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: 19.465 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006813.D

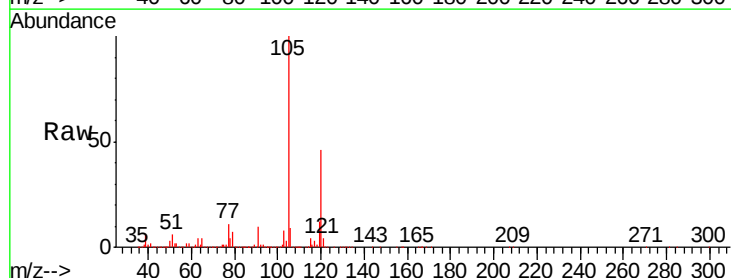
Acq: 26 Dec 2018 12:56

Tgt Ion:105 Resp: 471214

Ion Ratio Lower Upper

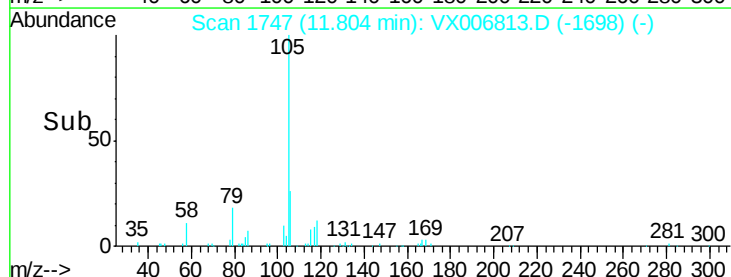
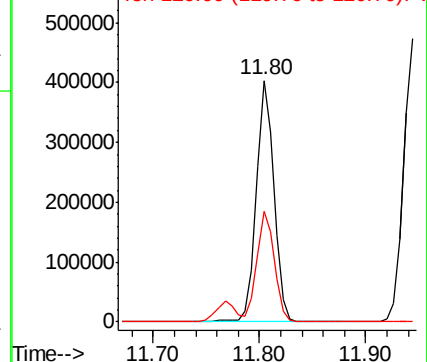
105 100

120 45.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

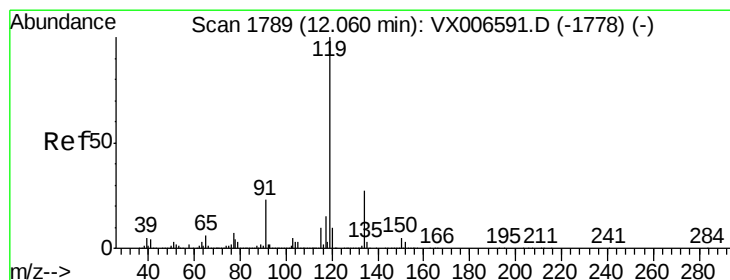
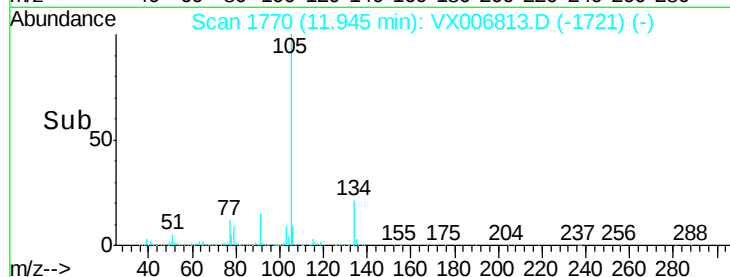
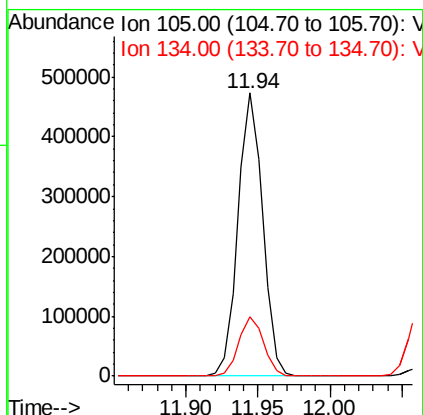
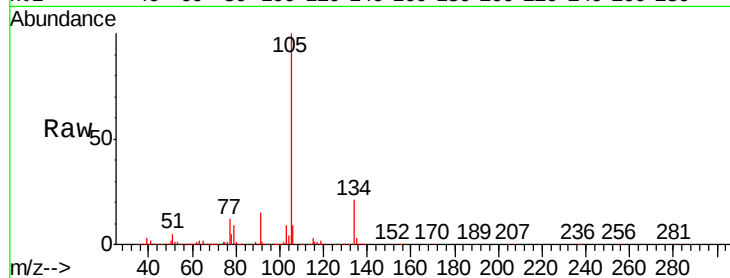




#85
 sec-Butylbenzene
 Concen: 20.031 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

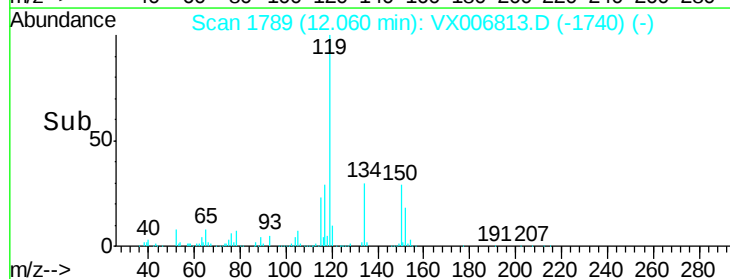
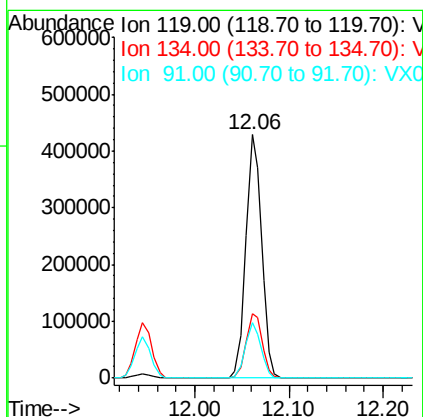
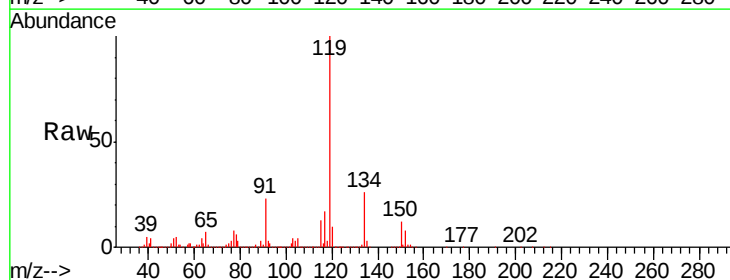
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

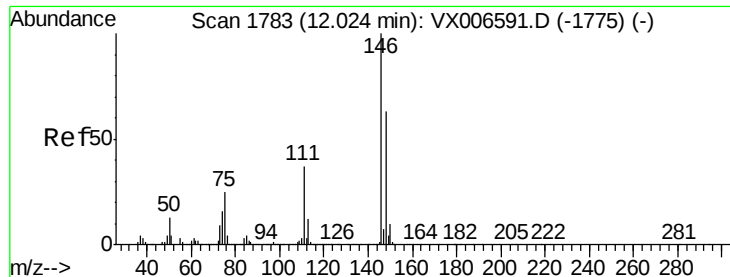
Tgt Ion:105 Resp: 565721
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 20.158 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion:119 Resp: 500440
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.0 41.9
 91 22.6 11.3 33.9

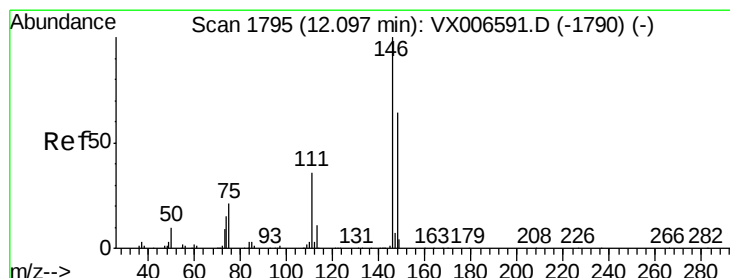
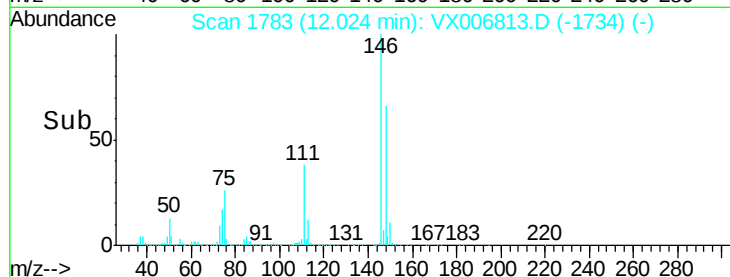
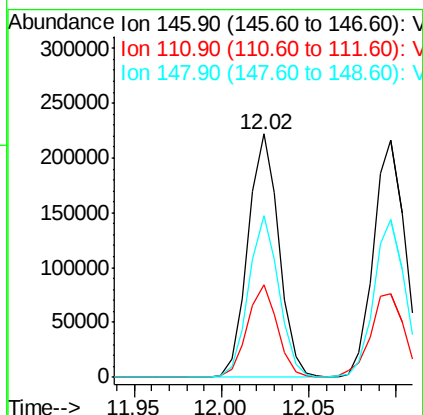
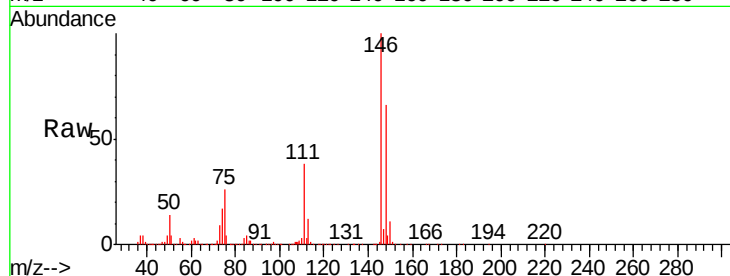




#87
 1,3-Dichlorobenzene
 Concen: 20.068 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

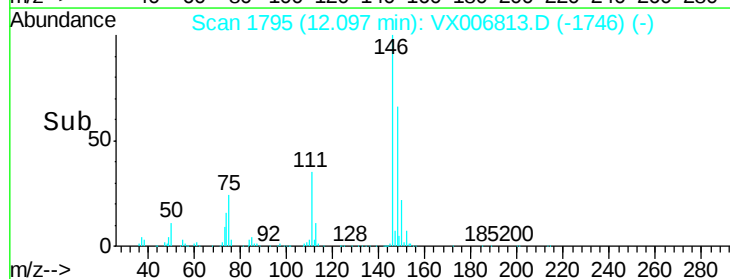
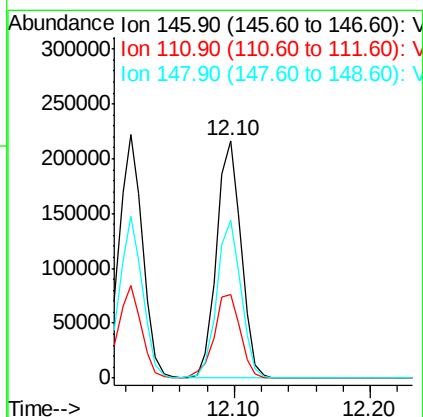
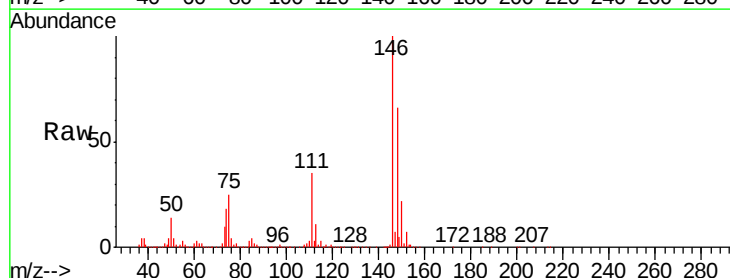
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

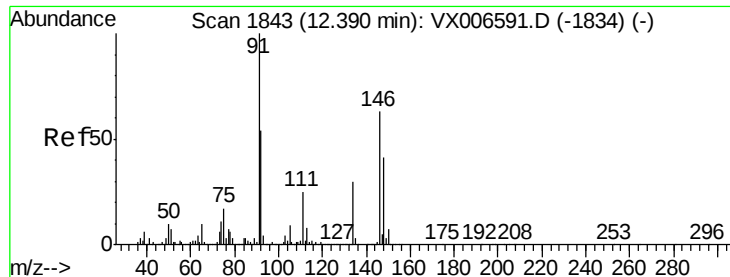
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	64.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.368 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	65.3	31.9	95.9

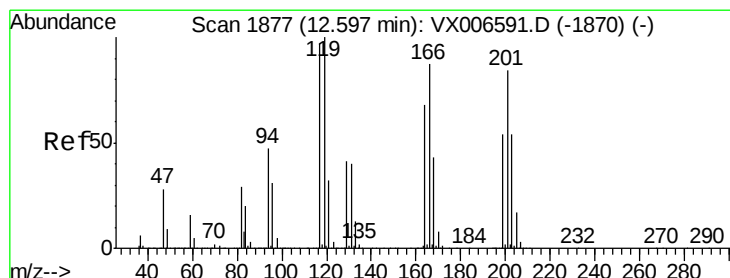
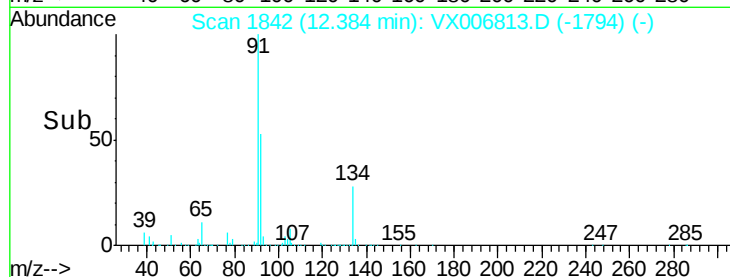
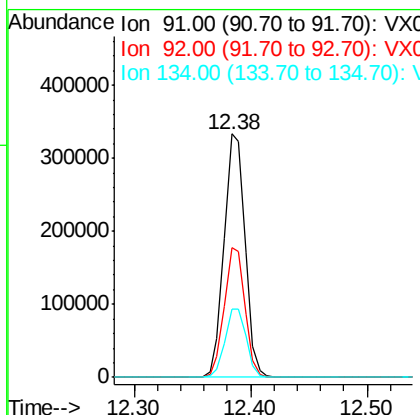
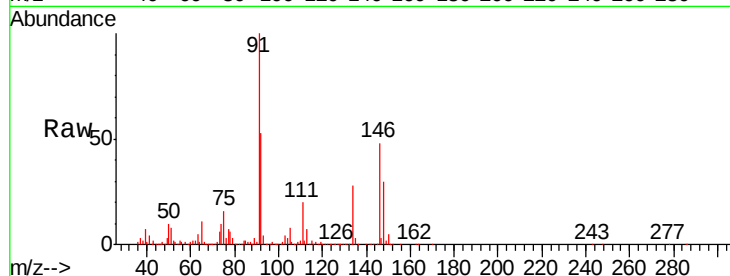




#89
n-Butylbenzene
Concen: 19.648 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

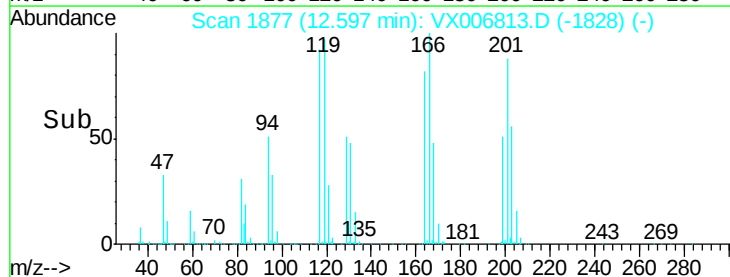
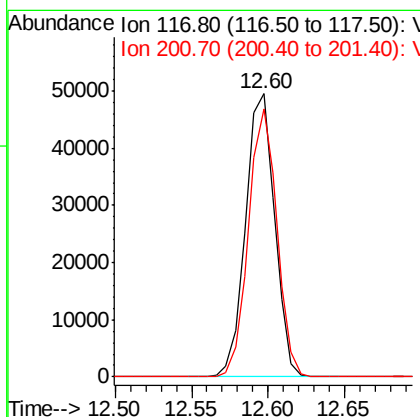
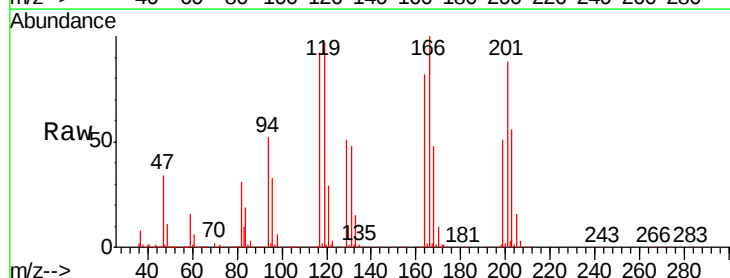
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

Tgt Ion: 91 Resp: 415127
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.4
134 28.5 14.4 43.2



#90
Hexachloroethane
Concen: 19.068 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion: 117 Resp: 65611
Ion Ratio Lower Upper
117 100
201 92.3 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 20.088 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBS01

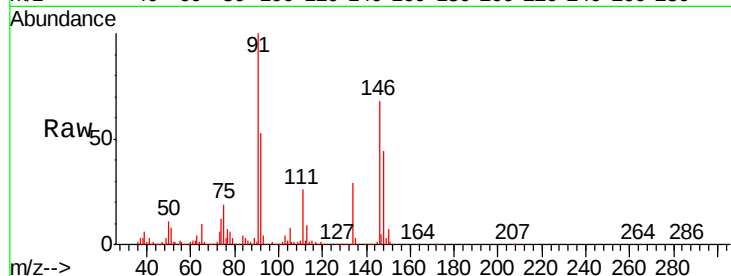
Tgt Ion:146 Resp: 273598

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.2

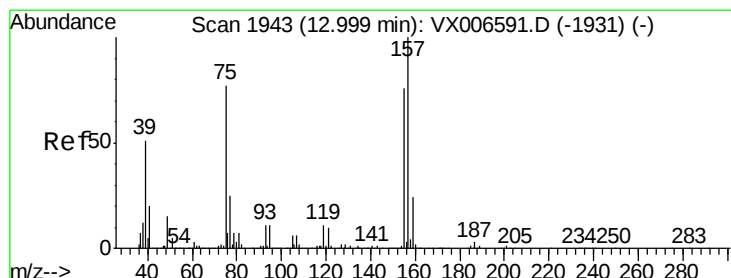
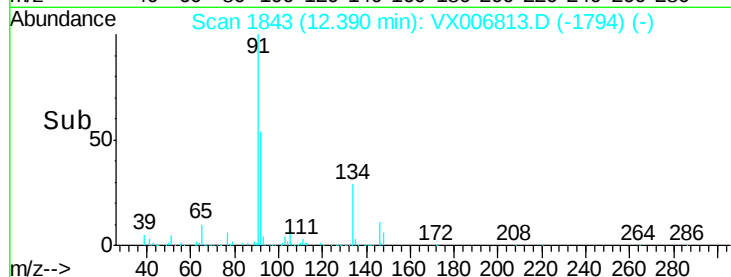
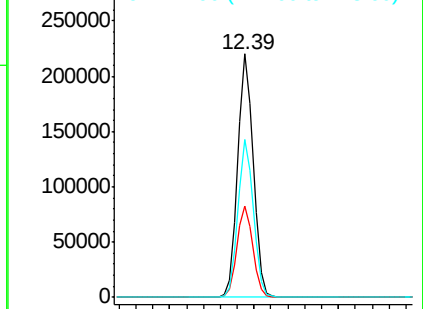
148 64.2 32.3 96.9



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: 20.766 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006813.D

Acq: 26 Dec 2018 12:56

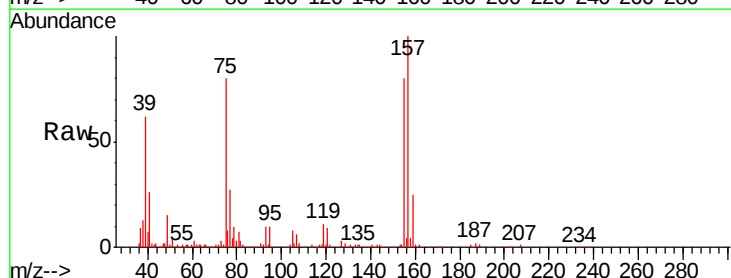
Tgt Ion: 75 Resp: 35708

Ion Ratio Lower Upper

75 100

155 98.8 50.6 151.8

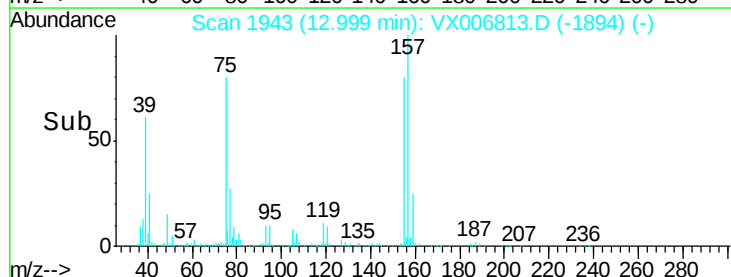
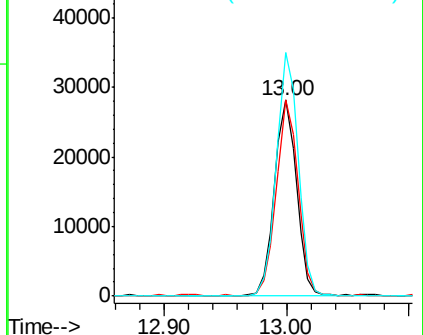
157 121.8 64.6 193.8

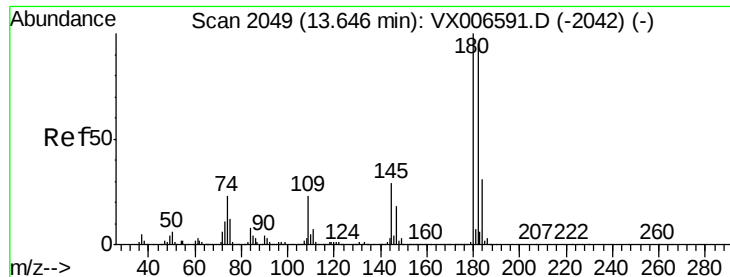


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

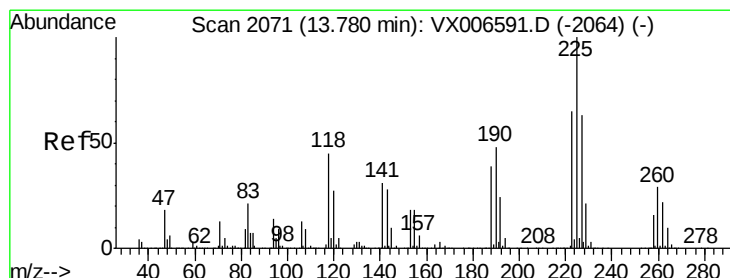
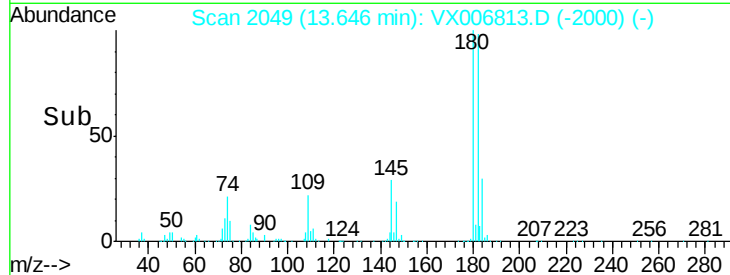
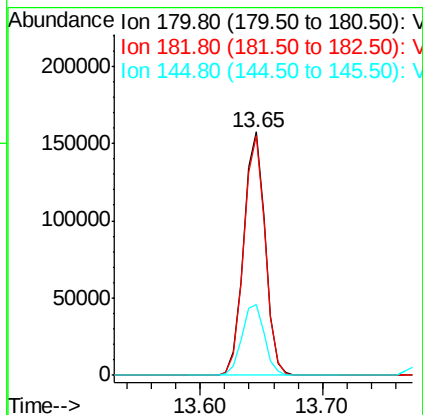
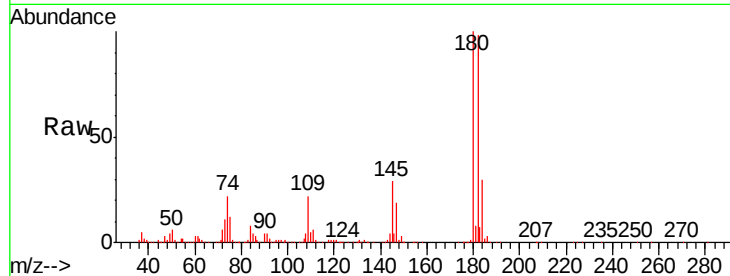




#93
 1,2,4-Trichlorobenzene
 Concen: 20.294 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

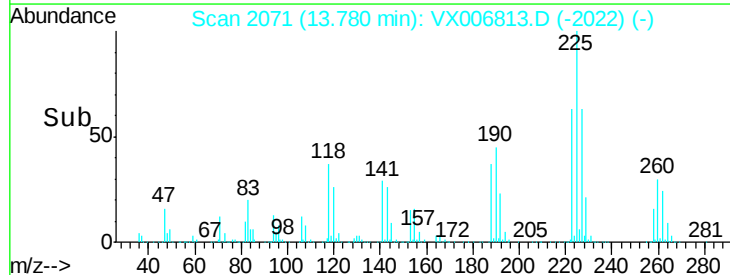
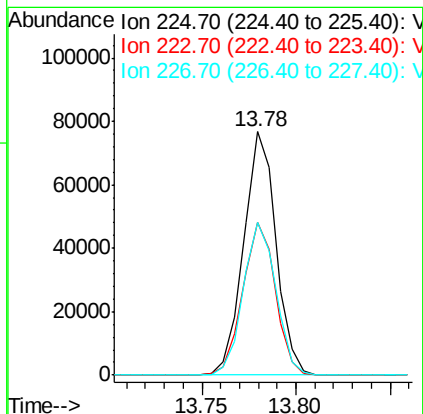
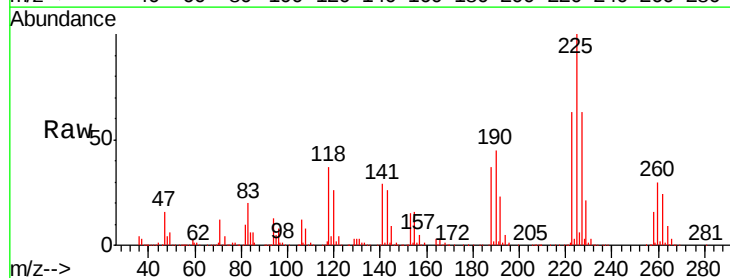
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.3	142.0
145	30.5	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 20.577 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006813.D
 Acq: 26 Dec 2018 12:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.1	96.3
227	63.4	32.3	96.8

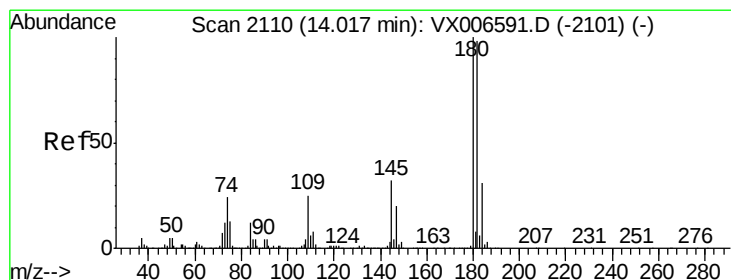
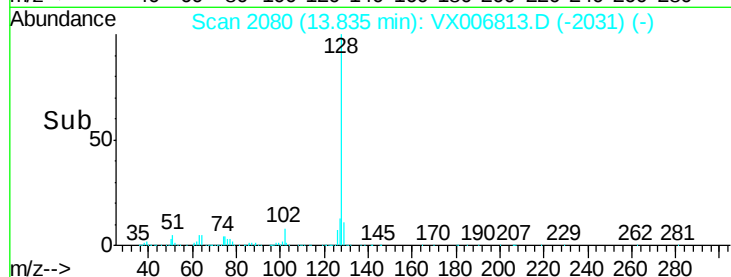
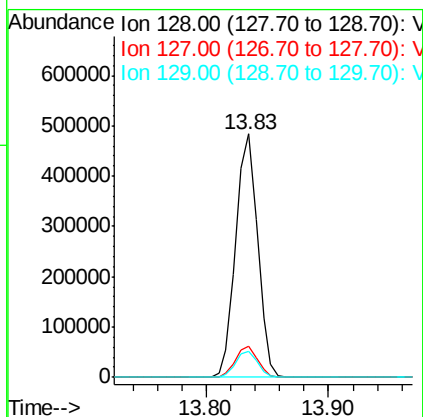
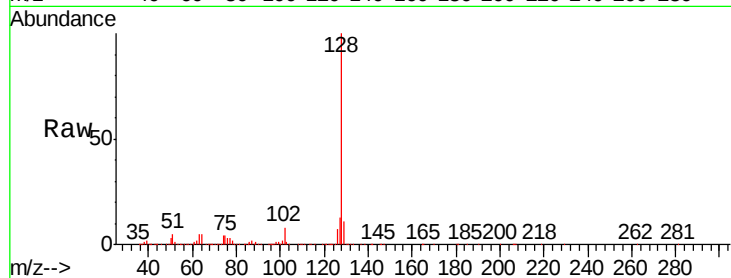




#95
Naphthalene
Concen: 20.003 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBS01

Tgt Ion:128 Resp: 599783
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.482 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006813.D
Acq: 26 Dec 2018 12:56

Tgt Ion:180 Resp: 198675
Ion Ratio Lower Upper
180 100
182 91.7 48.5 145.5
145 29.9 16.0 47.9

