

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010219\
 Data File : VX006876.D
 Acq On : 02 Jan 2019 12:45
 Operator : JC/MD
 Sample : VX0102WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

Quant Time: Jan 03 00:09:27 2019
 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	557458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	738518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	376519	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	285636	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.51	113	257659	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	948440	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.13	95	342615	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81813	16.043	ug/l	97
3) Chloromethane	1.33	50	90709	16.510	ug/l	99
4) Vinyl Chloride	1.41	62	100082	17.441	ug/l	98
5) Bromomethane	1.64	94	97416	16.924	ug/l	95
6) Chloroethane	1.72	64	68471	17.233	ug/l	97
7) Trichlorofluoromethane	1.93	101	164479	18.385	ug/l	97
8) Diethyl Ether	2.19	74	66963	18.845	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98370	18.727	ug/l	99
10) Methyl Iodide	2.51	142	140114	18.634	ug/l	100
11) Tert butyl alcohol	3.07	59	140484	104.774	ug/l	98
12) 1,1-Dichloroethene	2.37	96	89390	17.947	ug/l	98
13) Acrolein	2.29	56	79627	88.031	ug/l	99
14) Allyl chloride	2.73	41	159367	19.009	ug/l	98
15) Acrylonitrile	3.15	53	301287	101.203	ug/l	99
16) Acetone	2.45	43	266611	96.588	ug/l	97
17) Carbon Disulfide	2.57	76	188772	14.322	ug/l	99
18) Methyl Acetate	2.78	43	179255	22.085	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	345321	20.889	ug/l	99
20) Methylene Chloride	2.86	84	108552	19.018	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	96154	17.423	ug/l	99
22) Diisopropyl ether	3.87	45	315719	20.585	ug/l	97
23) Vinyl Acetate	3.82	43	1235981	98.519	ug/l	99
24) 1,1-Dichloroethane	3.70	63	173112	18.907	ug/l	100
25) 2-Butanone	4.70	43	377683	97.274	ug/l	97
26) 2,2-Dichloropropane	4.59	77	131543	18.599	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	112705	18.510	ug/l	97
28) Bromochloromethane	5.02	49	79879	19.568	ug/l	99
29) Tetrahydrofuran	5.15	42	249693	97.641	ug/l	98
30) Chloroform	5.21	83	180437	19.031	ug/l	100
31) Cyclohexane	5.57	56	139712	16.797	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	151540	18.929	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125429	18.442	ug/l	99
37) Ethyl Acetate	4.85	43	145490	20.552	ug/l	98
38) Carbon Tetrachloride	5.79	117	126366	19.118	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010219\
 Data File : VX006876.D
 Acq On : 02 Jan 2019 12:45
 Operator : JC/MD
 Sample : VX0102WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

Quant Time: Jan 03 00:09:27 2019
 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	147176	16.436	ug/l	97
40) Benzene	6.15	78	396939	19.200	ug/l	98
41) Methacrylonitrile	5.06	41	80806	21.500	ug/l	99
42) 1,2-Dichloroethane	6.20	62	137715	19.548	ug/l	100
43) Isopropyl Acetate	6.46	43	231238	21.468	ug/l	99
44) Trichloroethene	7.21	130	115721	18.493	ug/l	96
45) 1,2-Dichloropropane	7.51	63	102891	20.451	ug/l	97
46) Dibromomethane	7.66	93	70273	18.990	ug/l	95
47) Bromodichloromethane	7.90	83	120939	19.685	ug/l	96
48) Methyl methacrylate	7.77	41	116861	21.335	ug/l	97
49) 1,4-Dioxane	7.75	88	56563	382.402	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	748904	109.276	ug/l	98
52) Toluene	8.78	92	255917	19.161	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	133099	20.200	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	147243	20.366	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	107510	19.665	ug/l	97
56) Ethyl methacrylate	9.18	69	160079	20.717	ug/l	96
57) 1,3-Dichloropropane	9.37	76	175368	19.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	414227	100.850	ug/l	100
59) 2-Hexanone	9.49	43	561044	106.996	ug/l	99
60) Dibromochloromethane	9.59	129	104201	19.701	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116422	20.033	ug/l	98
64) Tetrachloroethene	9.34	164	118623	20.285	ug/l	94
65) Chlorobenzene	10.14	112	300781	19.251	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104941	21.528	ug/l	99
67) Ethyl Benzene	10.25	91	489334	19.167	ug/l	99
68) m/p-Xylenes	10.36	106	381065	37.825	ug/l	98
69) o-Xylene	10.69	106	195289	19.631	ug/l	100
70) Styrene	10.71	104	307913	19.564	ug/l	100
71) Bromoform	10.86	173	75715	20.144	ug/l	99
73) Isopropylbenzene	11.02	105	502745	19.518	ug/l	99
74) N-amyl acetate	10.90	43	209130	22.682	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	161657	21.102	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	177141	25.316	ug/l	93
77) Bromobenzene	11.26	156	139701	20.061	ug/l	98
78) n-propylbenzene	11.36	91	555577	19.587	ug/l	100
79) 2-Chlorotoluene	11.42	91	329878	19.191	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	411433	19.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38695	19.637	ug/l	92
82) 4-Chlorotoluene	11.51	91	383585	19.454	ug/l	100
83) tert-Butylbenzene	11.77	119	406576	19.147	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	427616	19.162	ug/l	99
85) sec-Butylbenzene	11.94	105	490859	18.854	ug/l	99
86) p-Isopropyltoluene	12.06	119	440407	19.244	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	242655	19.334	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	242907	18.879	ug/l	97
89) n-Butylbenzene	12.39	91	362135	18.593	ug/l	99
90) Hexachloroethane	12.60	117	60957	19.192	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	244933	19.509	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31852	20.095	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010219\
Data File : VX006876.D
Acq On : 02 Jan 2019 12:45
Operator : JC/MD
Sample : VX0102WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

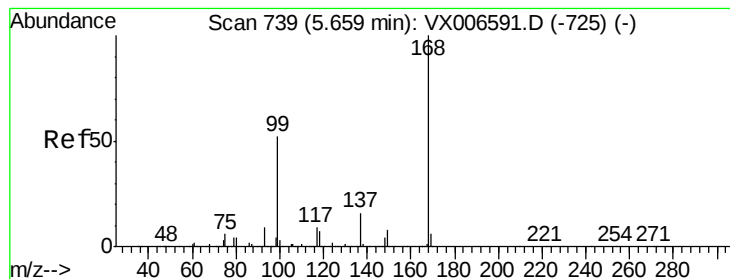
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Quant Time: Jan 03 00:09:27 2019
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)
93) 1,2,4-Trichlorobenzene	13.65	180	166004	19.168	ug/l	99
94) Hexachlorobutadiene	13.78	225	70277	17.216	ug/l	100
95) Naphthalene	13.83	128	498899	18.049	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162932	18.221	ug/l	99

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

[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

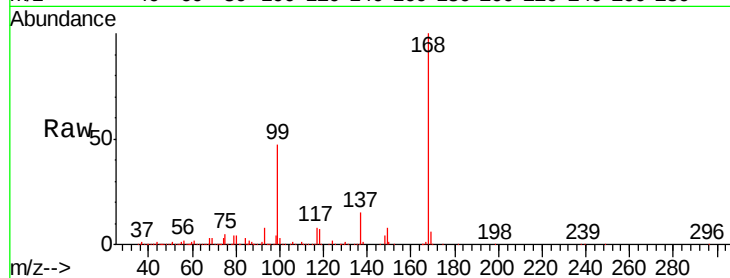
VX0102WBS01

Tgt Ion:168 Resp: 557458

Ion Ratio Lower Upper

168 100

99 46.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

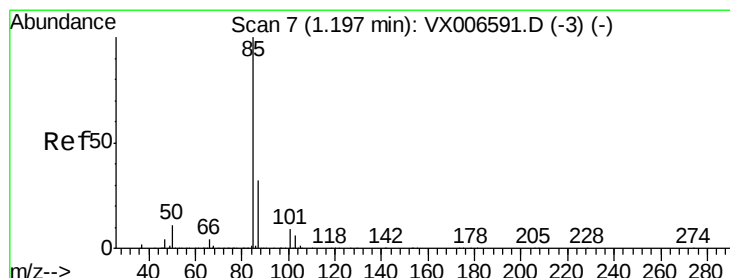
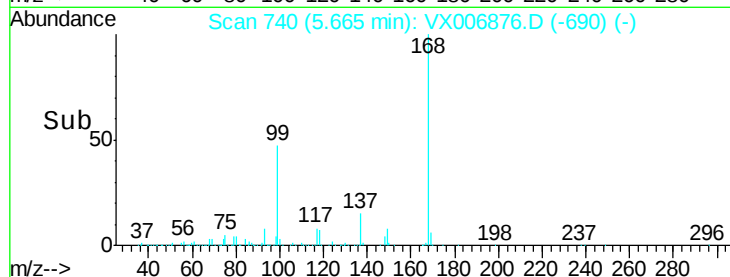
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.043 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006876.D

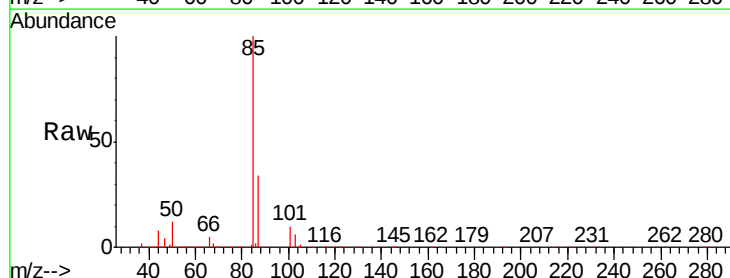
Acq: 02 Jan 2019 12:45

Tgt Ion: 85 Resp: 81813

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

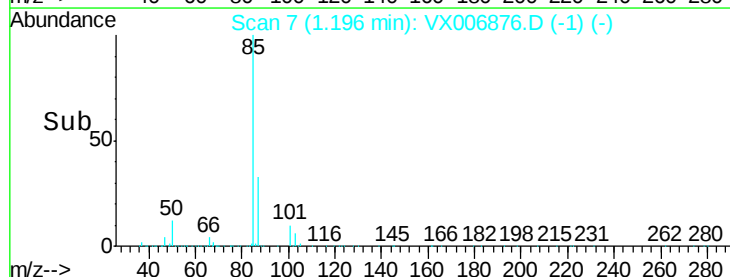
60000

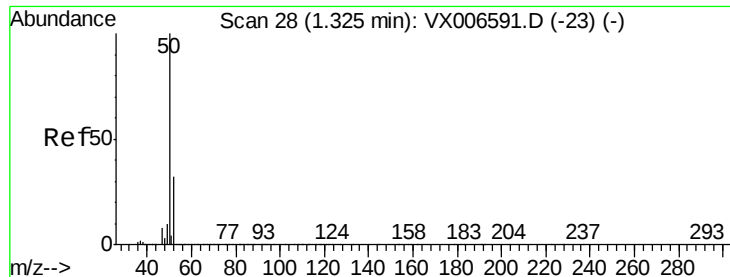
40000

20000

0

Time-->





#3

Chloromethane

Concen: 16.510 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

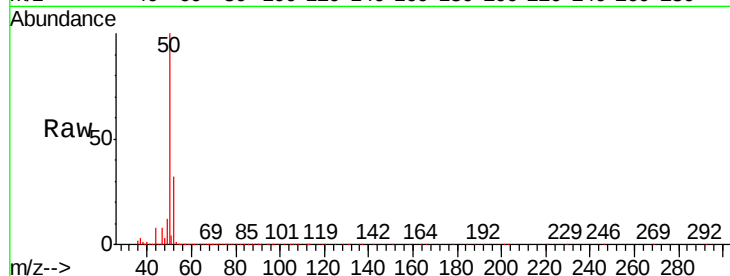
VX0102WBS01

Tgt Ion: 50 Resp: 90709

Ion Ratio Lower Upper

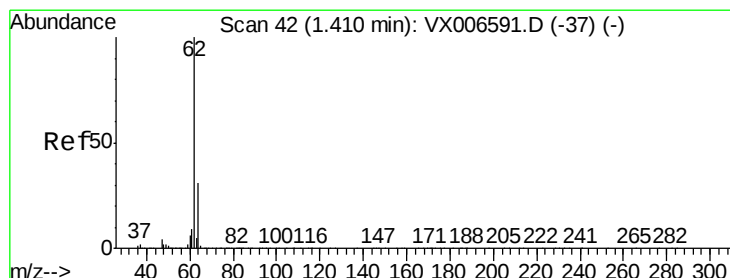
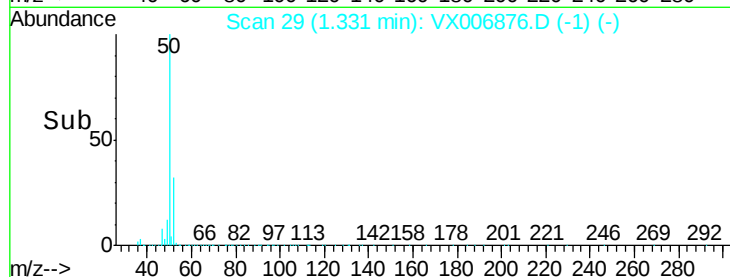
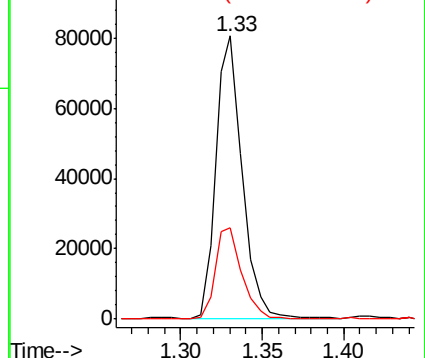
50 100

52 32.2 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: 17.441 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006876.D

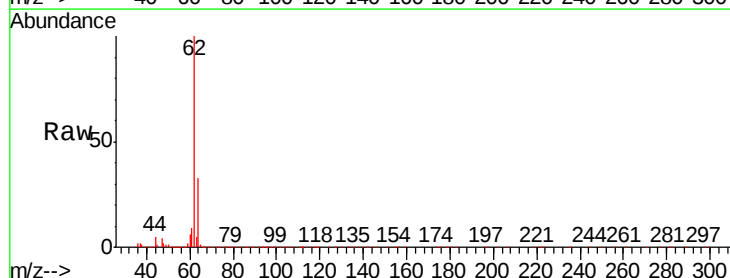
Acq: 02 Jan 2019 12:45

Tgt Ion: 62 Resp: 100082

Ion Ratio Lower Upper

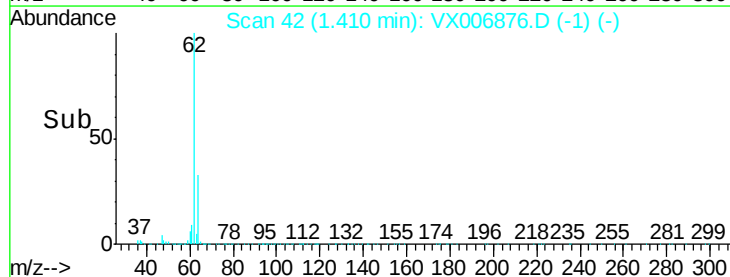
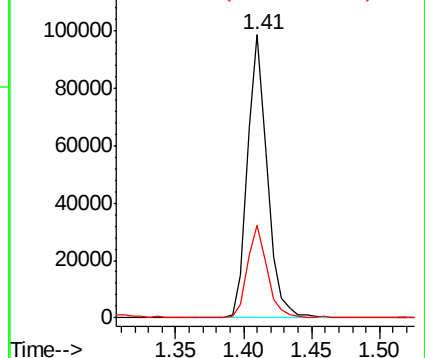
62 100

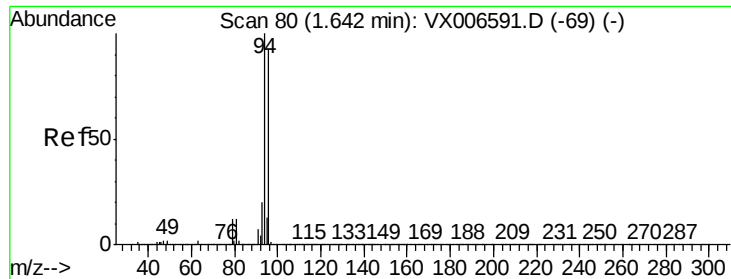
64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.924 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

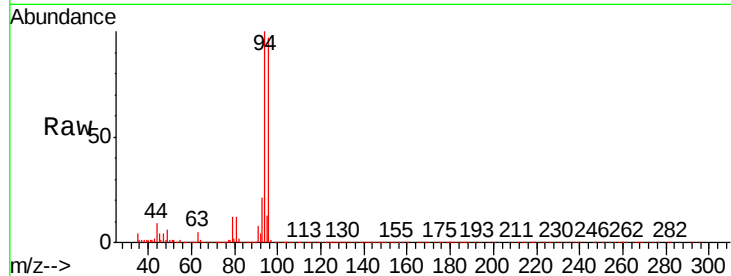
VX0102WBS01

Tgt Ion: 94 Resp: 97416

Ion Ratio Lower Upper

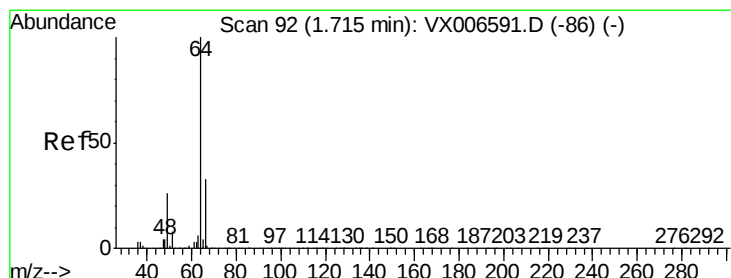
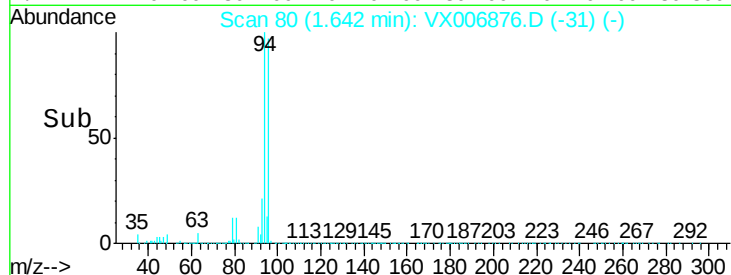
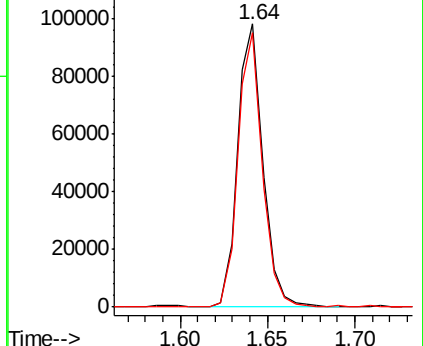
94 100

96 96.9 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: 17.233 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006876.D

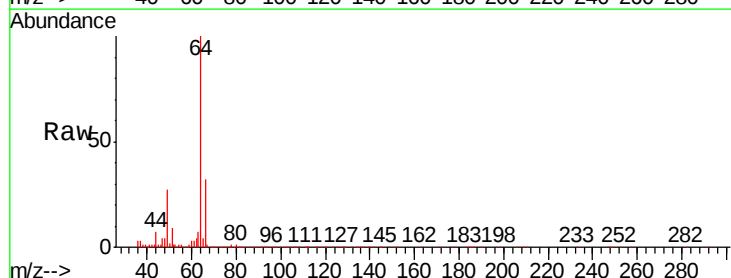
Acq: 02 Jan 2019 12:45

Tgt Ion: 64 Resp: 68471

Ion Ratio Lower Upper

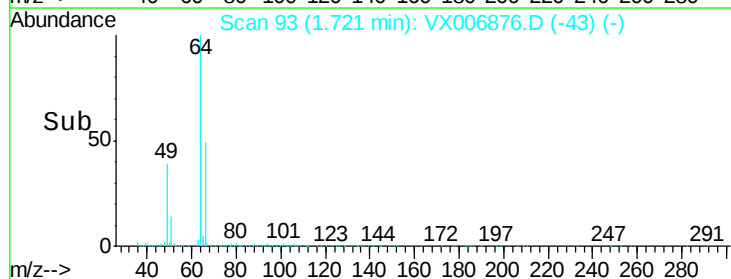
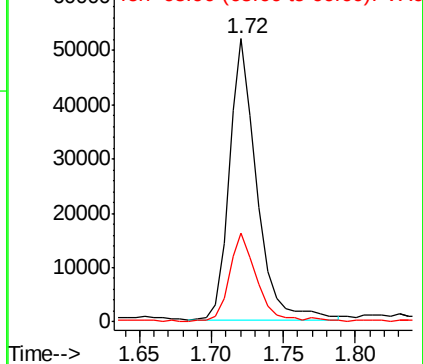
64 100

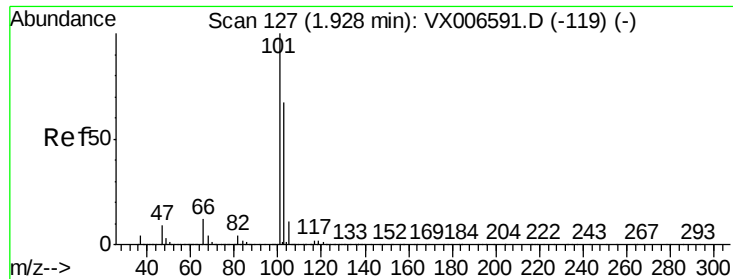
66 31.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



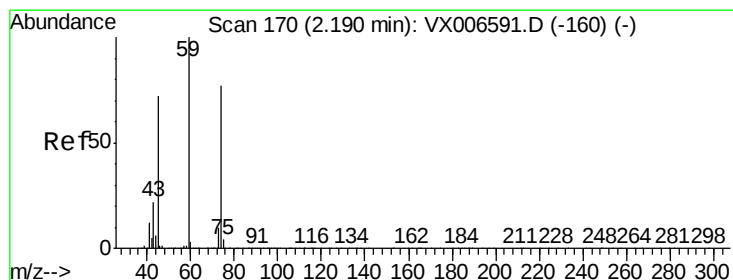
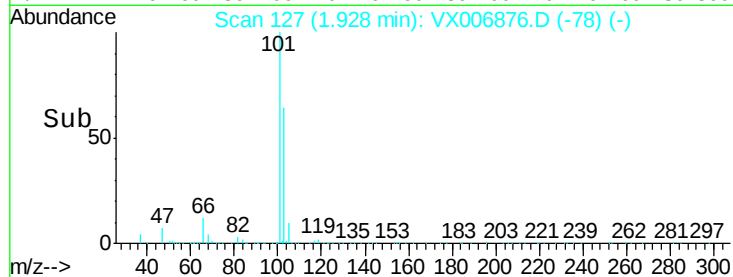
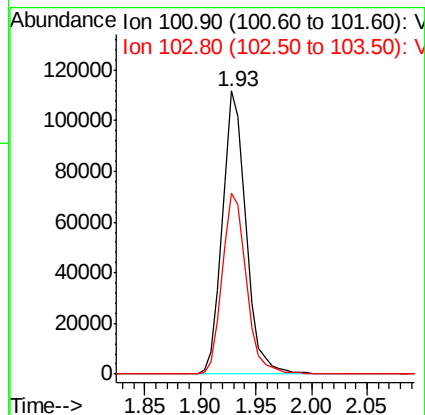
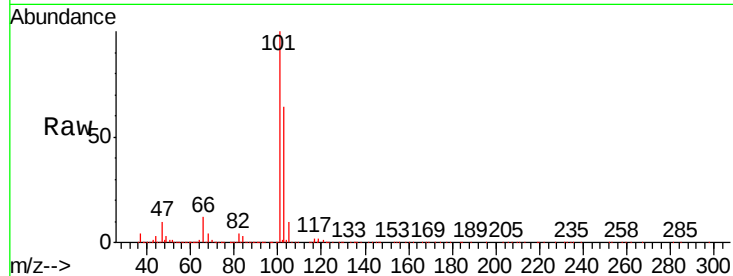


#7

Trichlorofluoromethane
Concen: 18.385 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

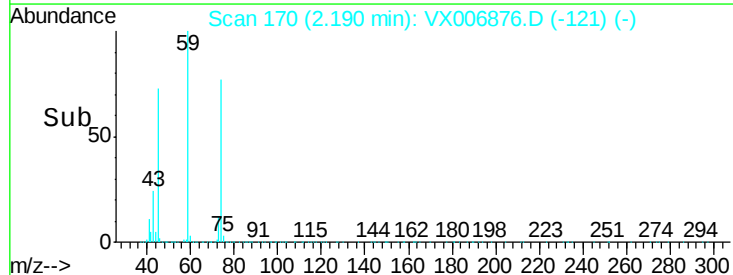
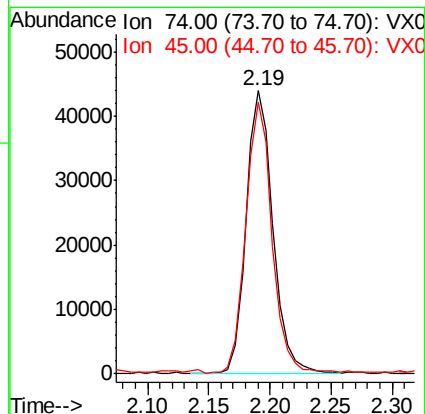
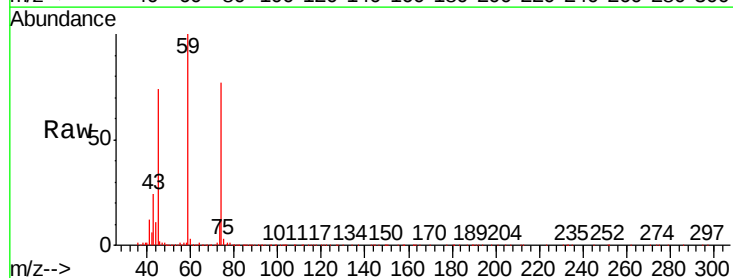
Tgt Ion:101 Resp: 164479
Ion Ratio Lower Upper
101 100
103 63.9 53.2 79.8

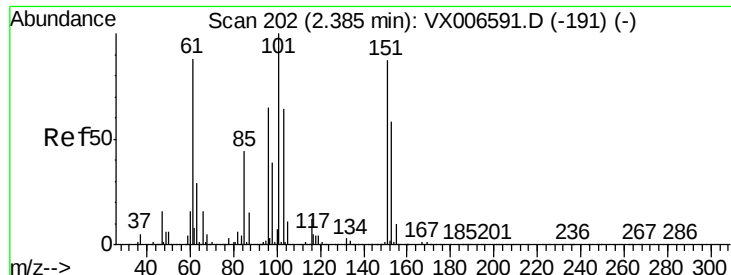


#8

Diethyl Ether
Concen: 18.845 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 74 Resp: 66963
Ion Ratio Lower Upper
74 100
45 93.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.727 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

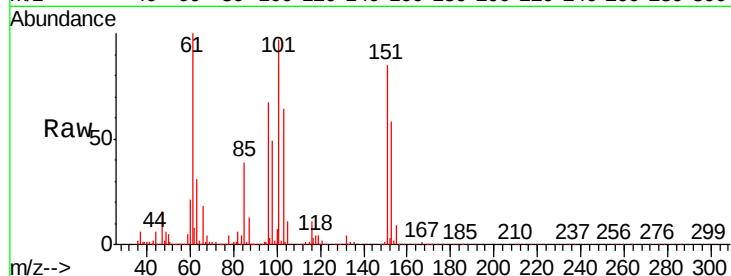
Tgt Ion:101 Resp: 98370

Ion Ratio Lower Upper

101 100

85 43.3 35.1 52.7

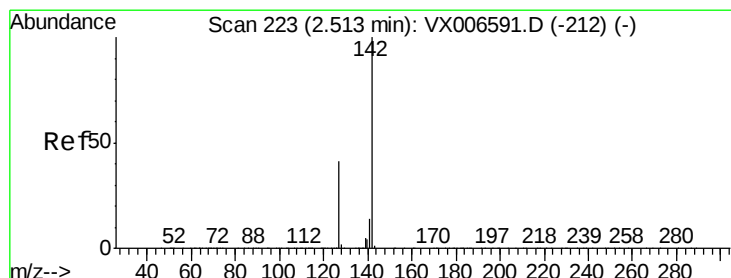
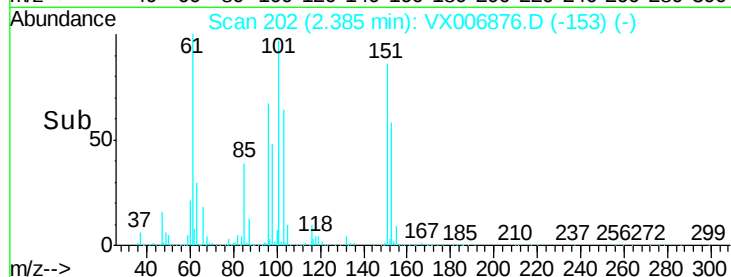
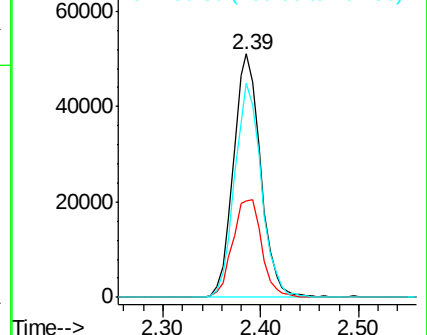
151 86.8 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.634 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

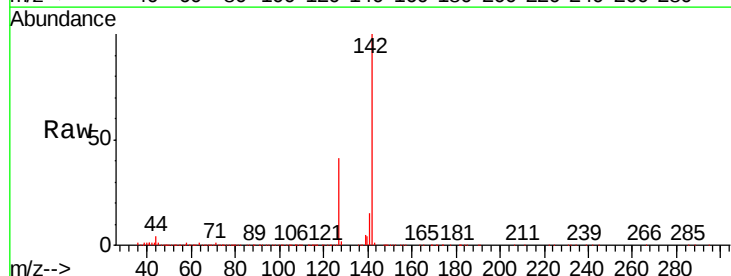
Tgt Ion:142 Resp: 140114

Ion Ratio Lower Upper

142 100

127 42.4 33.9 50.9

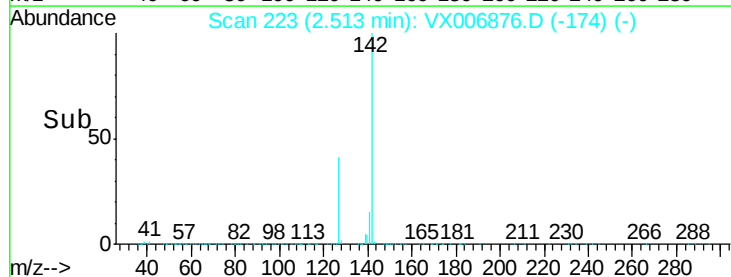
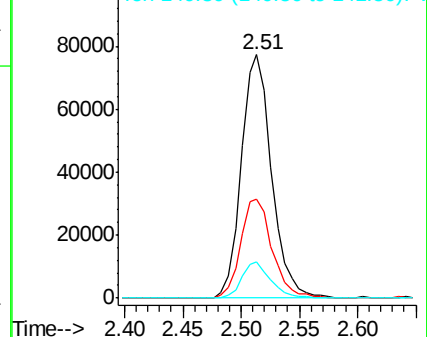
141 14.3 11.4 17.0

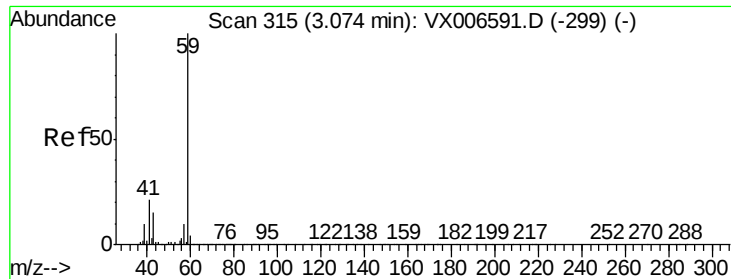


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

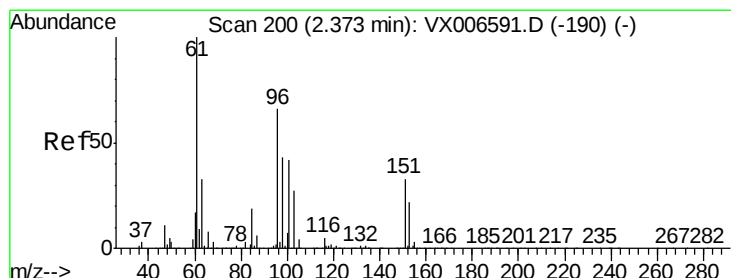
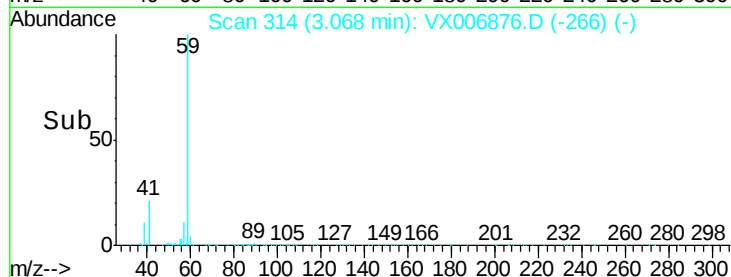
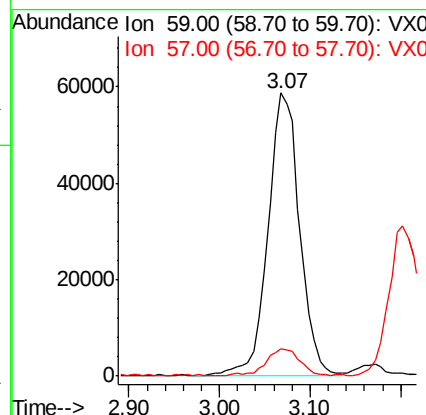
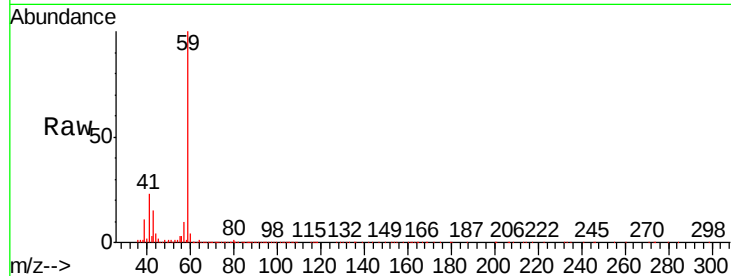




#11
Tert butyl alcohol
Concen: 104.774 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

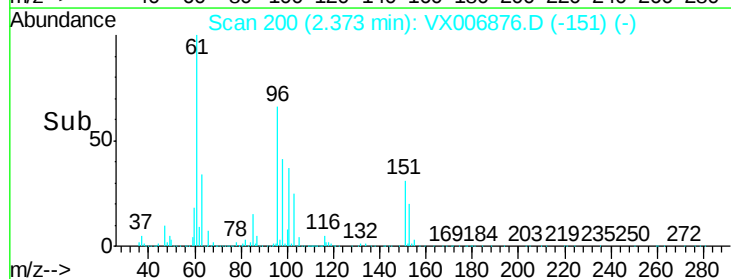
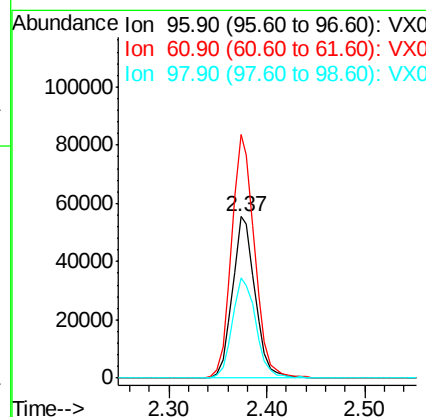
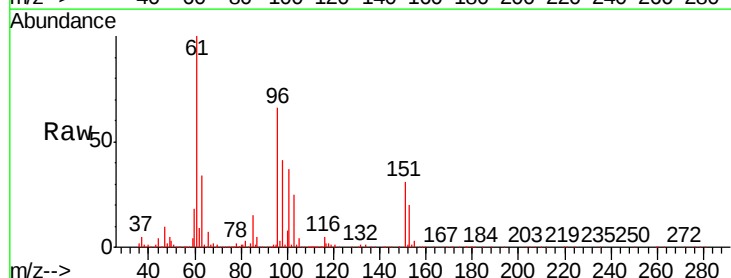
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

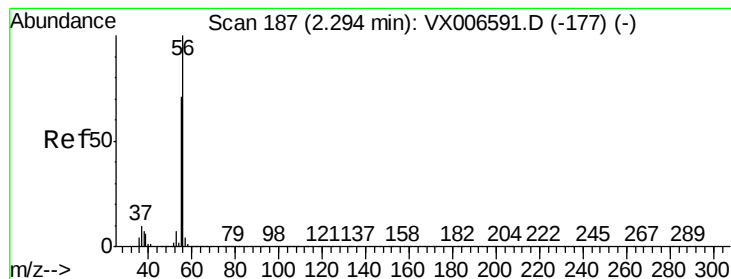
Tgt Ion: 59 Resp: 140484
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 17.947 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 96 Resp: 89390
Ion Ratio Lower Upper
96 100
61 150.6 121.4 182.2
98 62.1 51.9 77.9





#13

Acrolein

Concen: 88.031 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

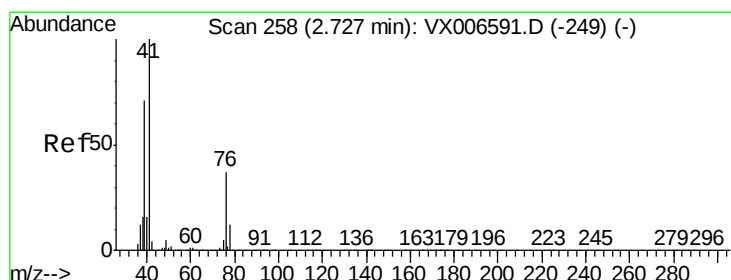
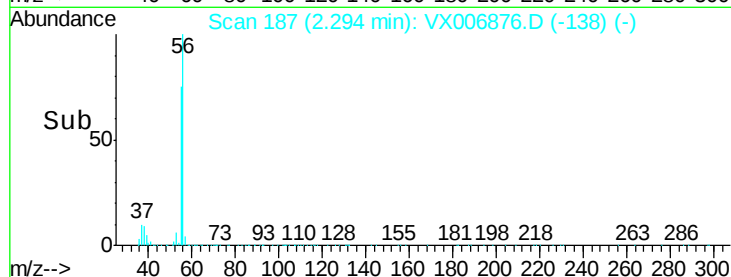
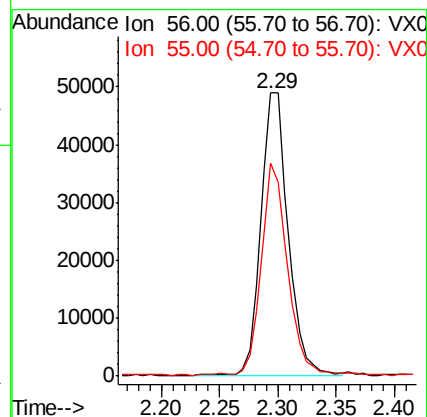
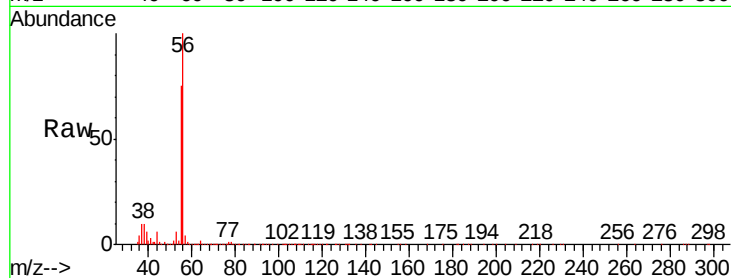
VX0102WBS01

Tgt Ion: 56 Resp: 79627

Ion Ratio Lower Upper

56 100

55 72.4 58.2 87.4



#14

Allyl chloride

Concen: 19.009 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

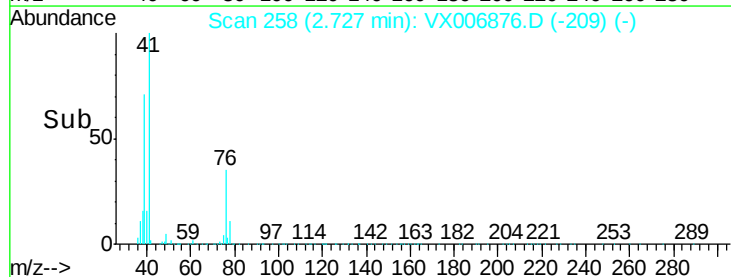
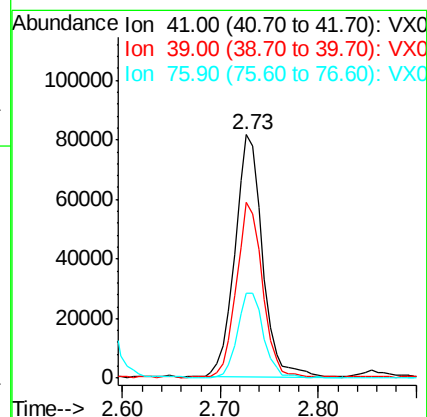
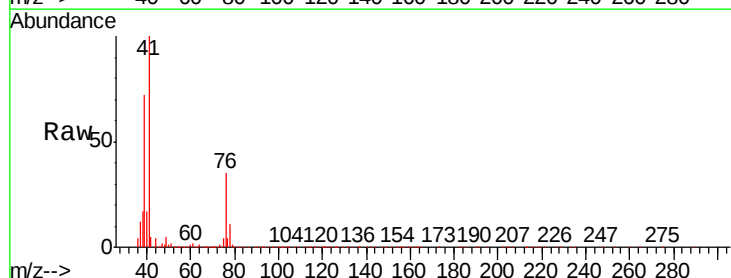
Tgt Ion: 41 Resp: 159367

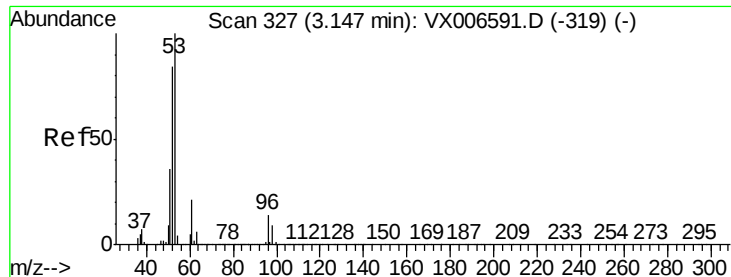
Ion Ratio Lower Upper

41 100

39 68.1 53.6 80.4

76 32.9 27.4 41.2





#15

Acrylonitrile

Concen: 101.203 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

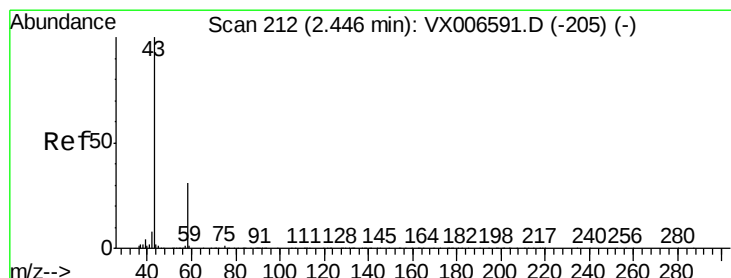
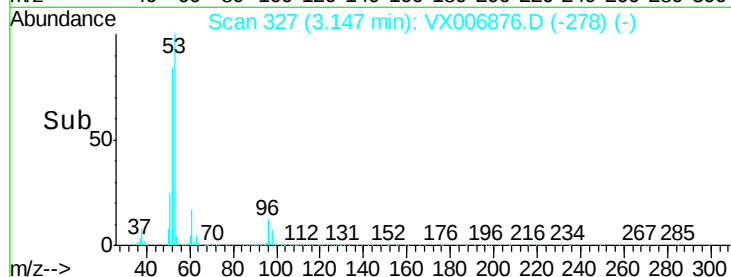
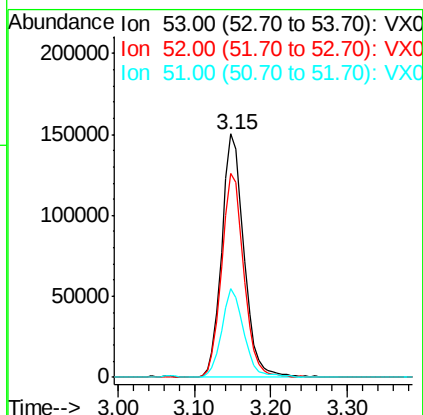
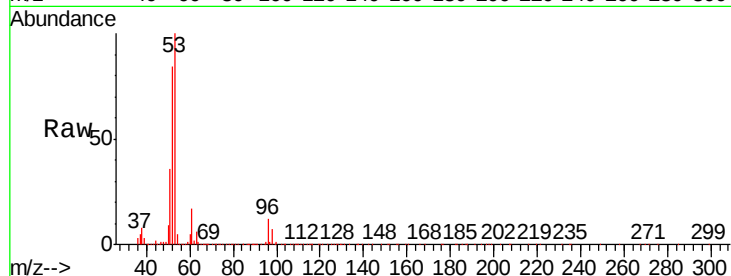
Tgt Ion: 53 Resp: 301287

Ion Ratio Lower Upper

53 100

52 83.4 66.0 99.0

51 36.0 28.6 42.8



#16

Acetone

Concen: 96.588 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006876.D

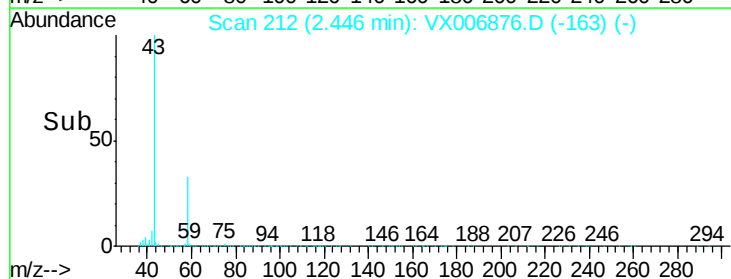
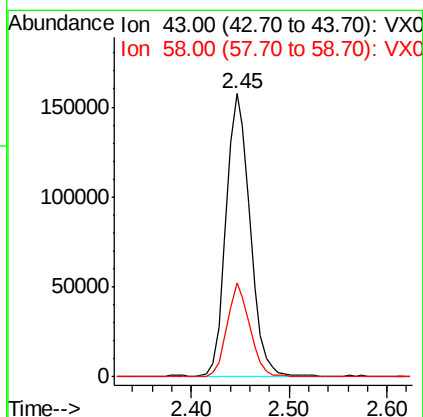
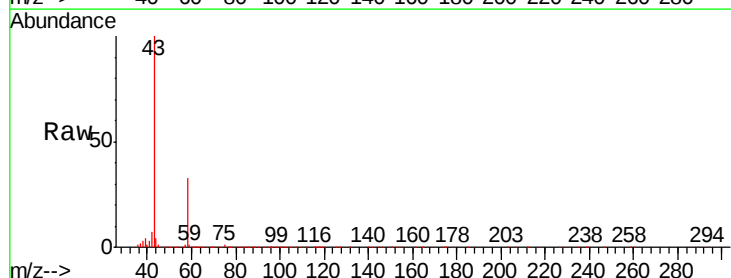
Acq: 02 Jan 2019 12:45

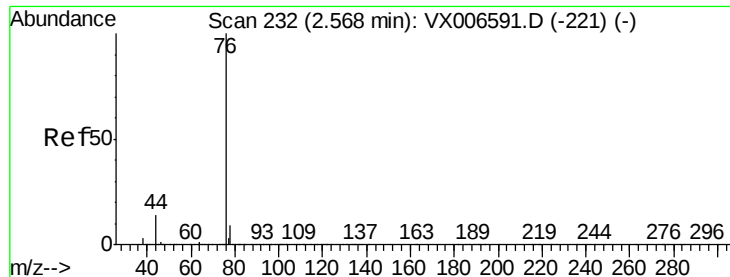
Tgt Ion: 43 Resp: 266611

Ion Ratio Lower Upper

43 100

58 33.0 25.0 37.6





#17

Carbon Disulfide

Concen: 14.322 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

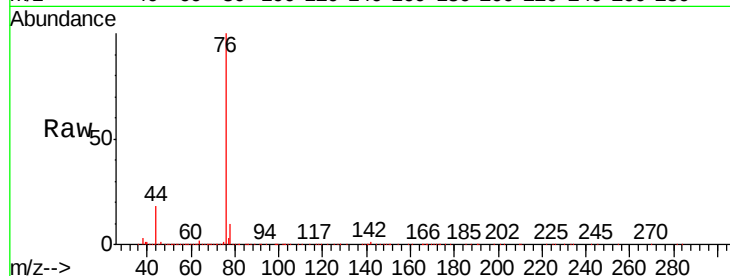
VX0102WBS01

Tgt Ion: 76 Resp: 188772

Ion Ratio Lower Upper

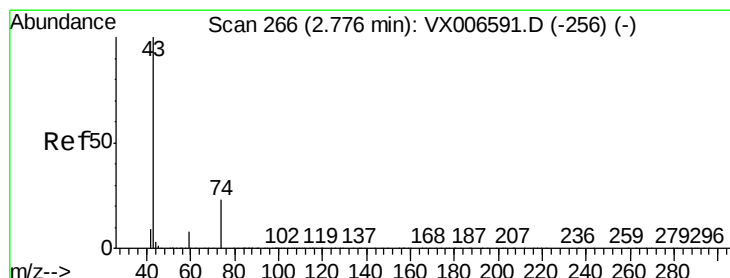
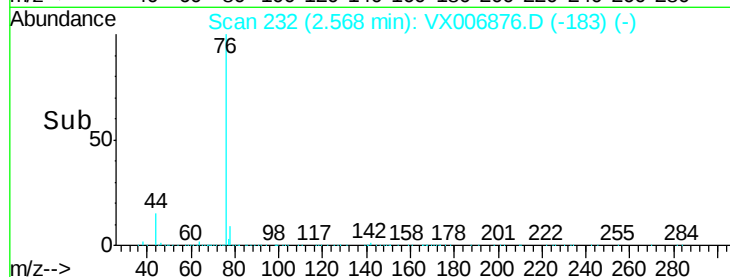
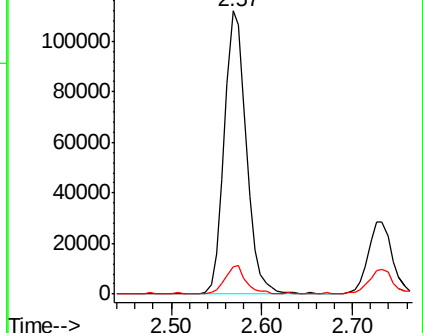
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.085 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006876.D

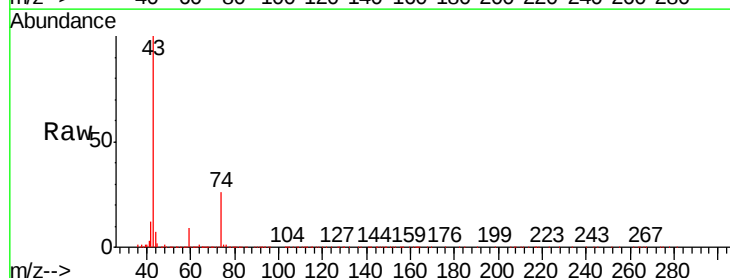
Acq: 02 Jan 2019 12:45

Tgt Ion: 43 Resp: 179255

Ion Ratio Lower Upper

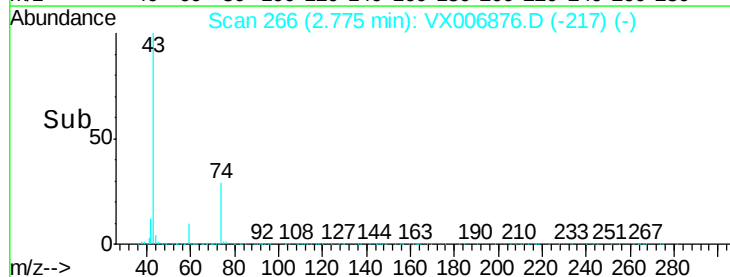
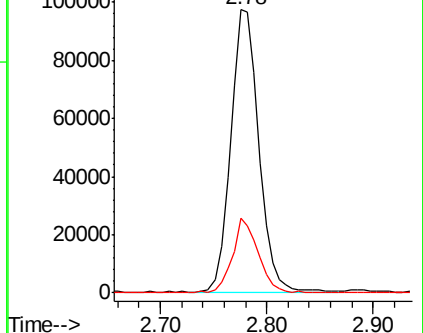
43 100

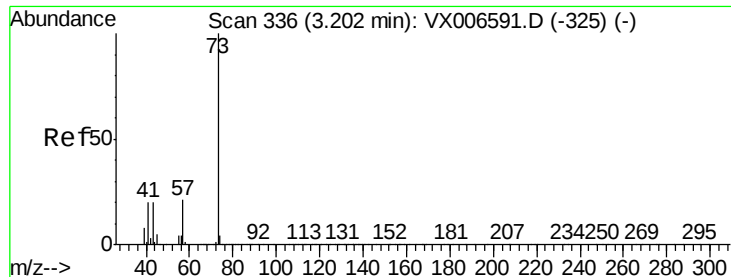
74 24.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



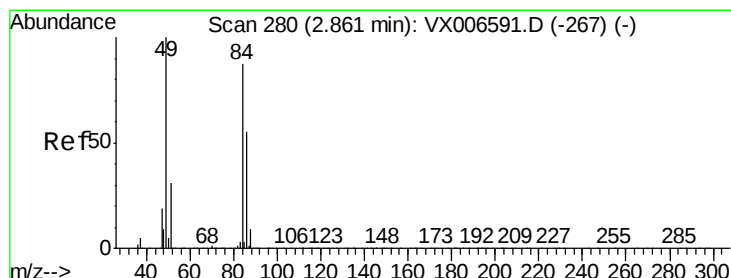
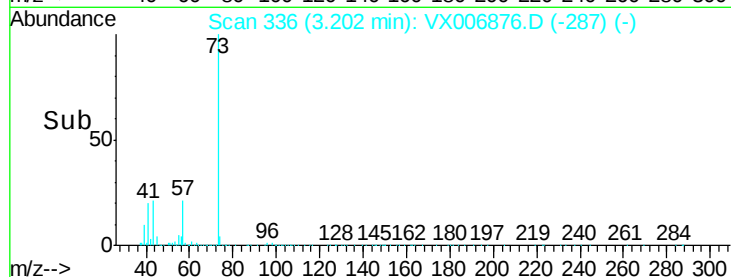
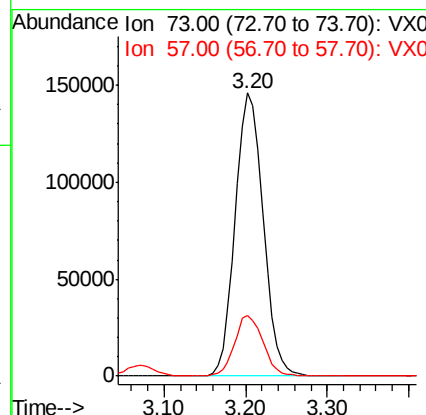
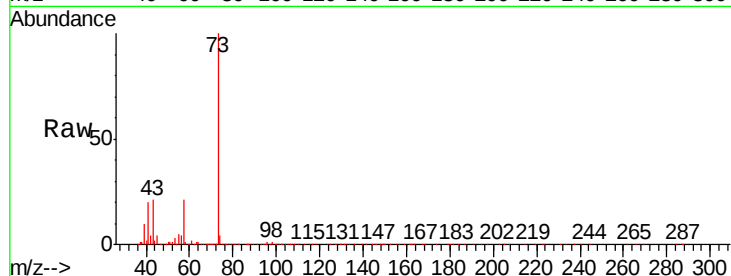


#19

Methyl tert-butyl Ether
Concen: 20.889 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

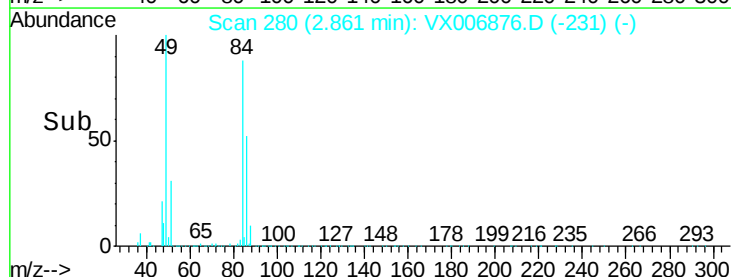
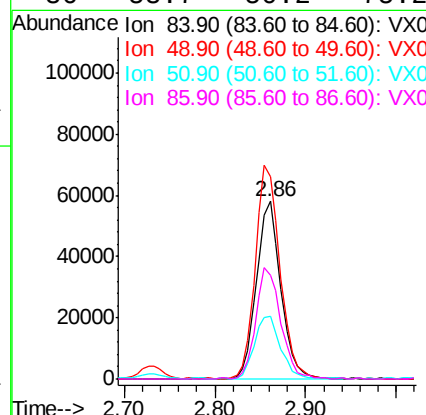
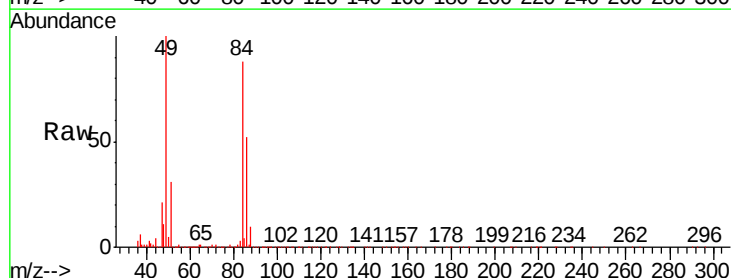
Tgt Ion: 73 Resp: 345321
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2

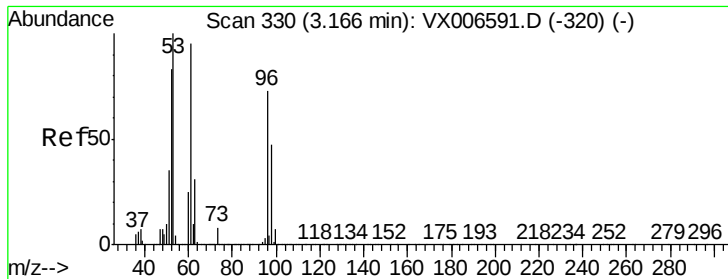


#20

Methylene Chloride
Concen: 19.018 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 84 Resp: 108552
Ion Ratio Lower Upper
84 100
49 113.2 91.8 137.6
51 34.9 28.5 42.7
86 58.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 17.423 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

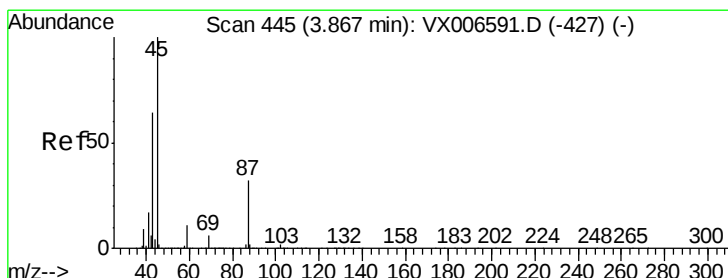
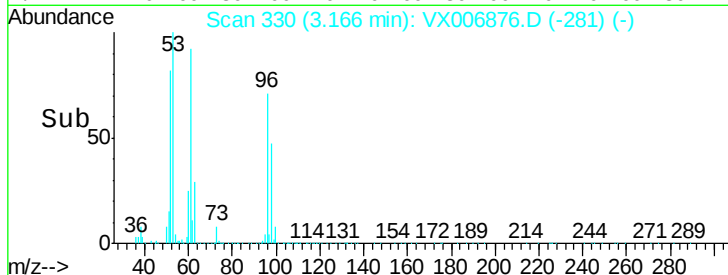
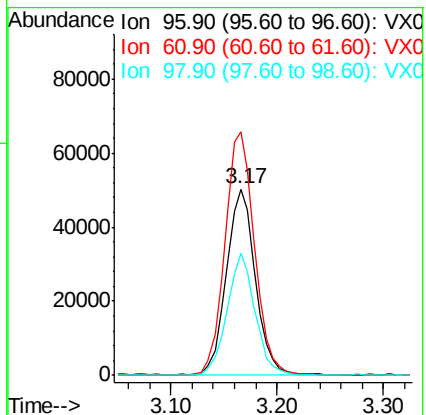
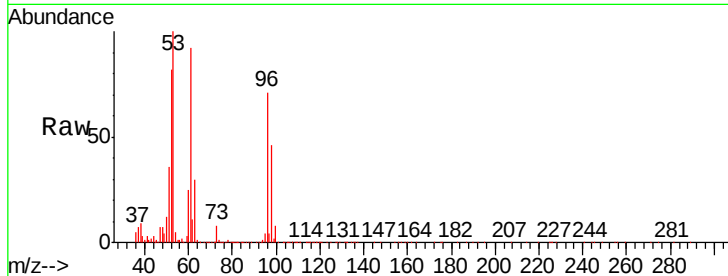
Tgt Ion: 96 Resp: 96154

Ion Ratio Lower Upper

96 100

61 130.4 103.7 155.5

98 65.5 51.0 76.6



#22

Diisopropyl ether

Concen: 20.585 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion: 45 Resp: 315719

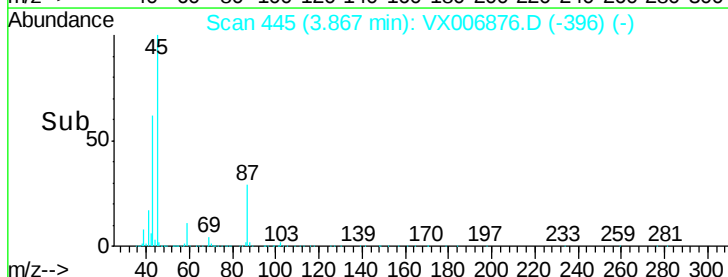
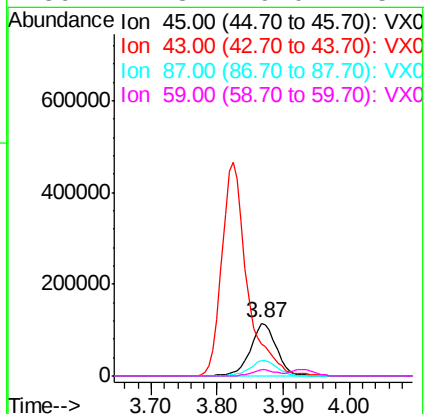
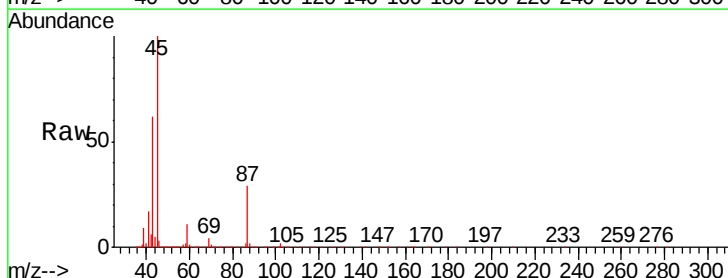
Ion Ratio Lower Upper

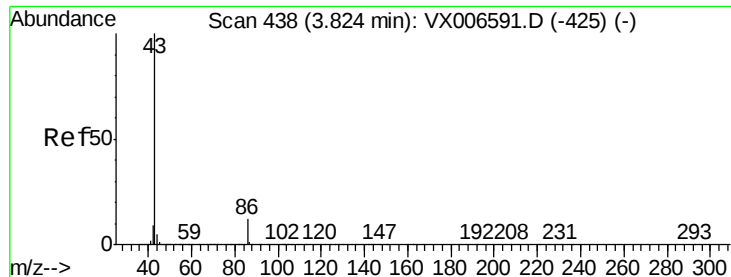
45 100

43 61.6 51.2 76.8

87 29.2 25.8 38.6

59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 98.519 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

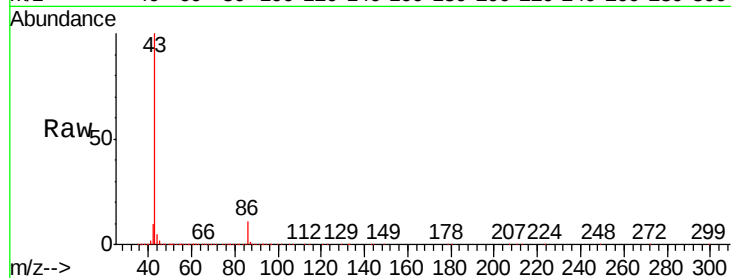
VX0102WBS01

Tgt Ion: 43 Resp: 1235981

Ion Ratio Lower Upper

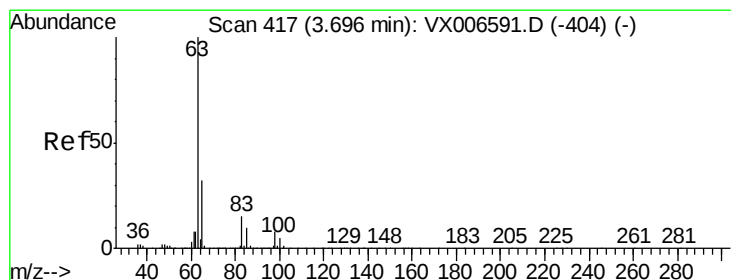
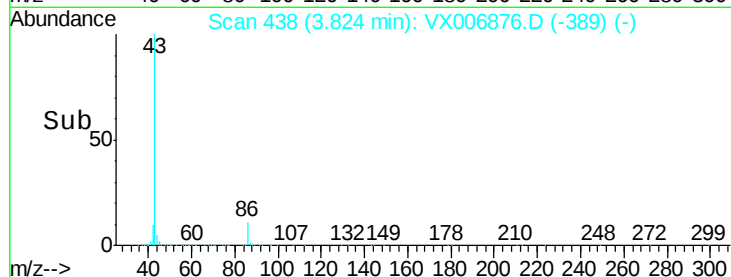
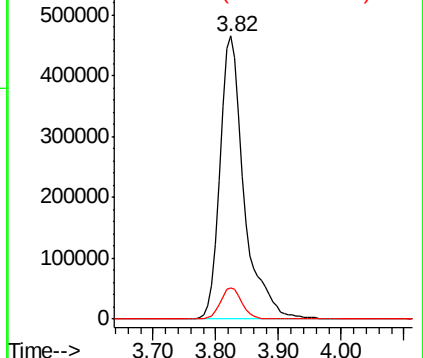
43 100

86 11.1 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: 18.907 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

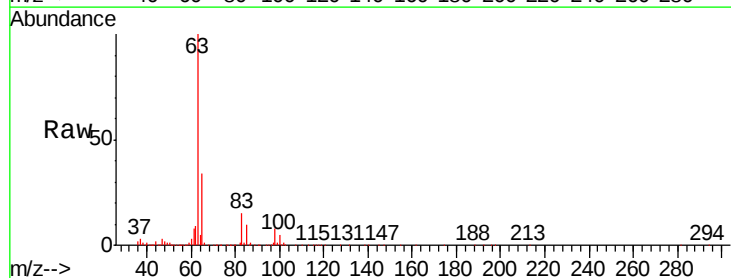
Tgt Ion: 63 Resp: 173112

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

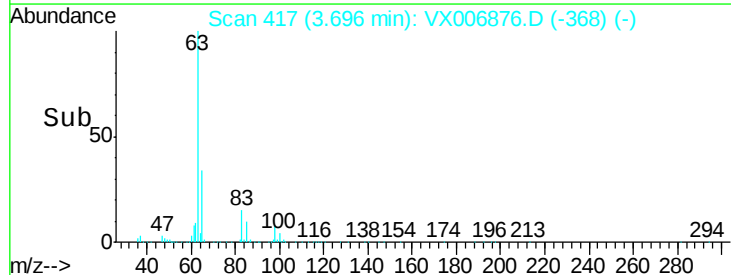
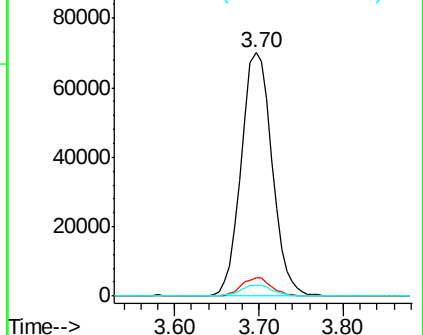
100 4.6 2.4 7.2

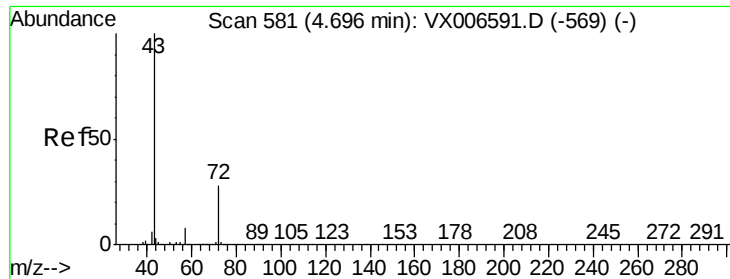


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.274 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

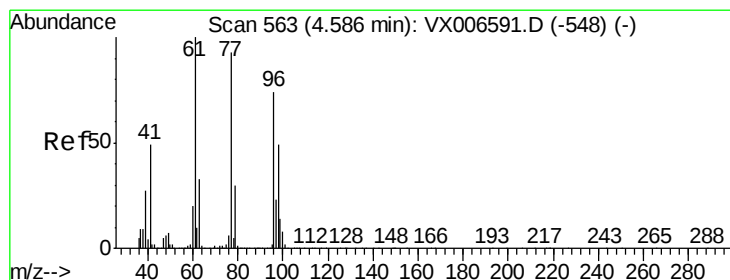
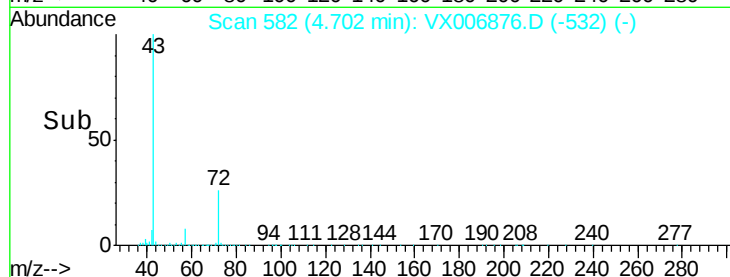
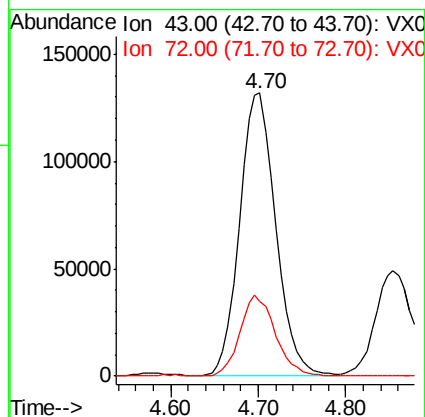
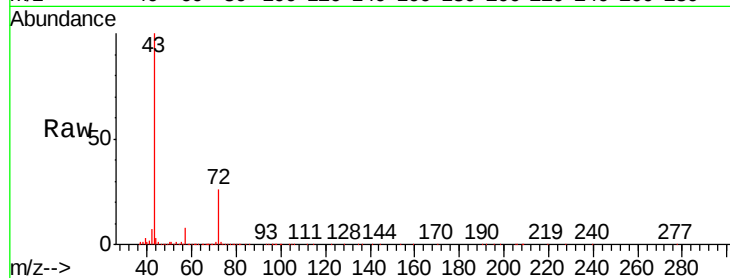
VX0102WBS01

Tgt Ion: 43 Resp: 377683

Ion Ratio Lower Upper

43 100

72 26.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.599 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006876.D

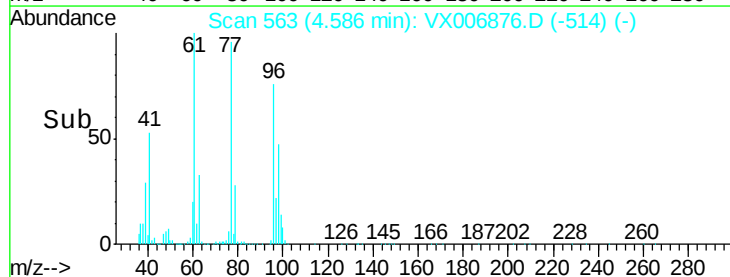
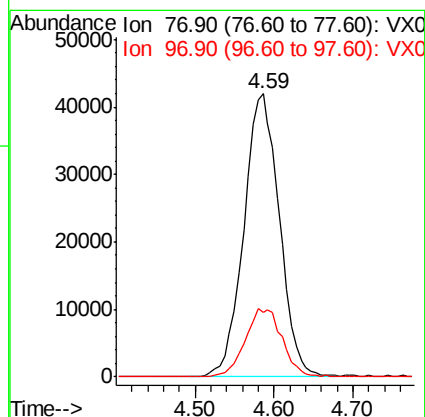
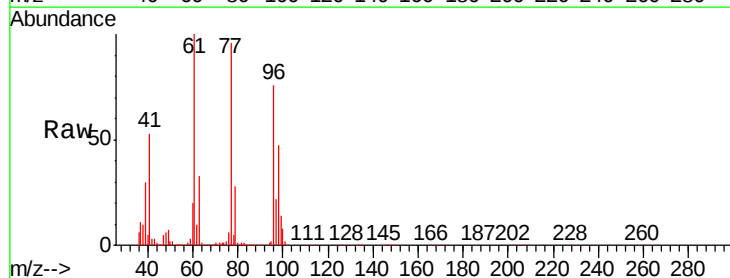
Acq: 02 Jan 2019 12:45

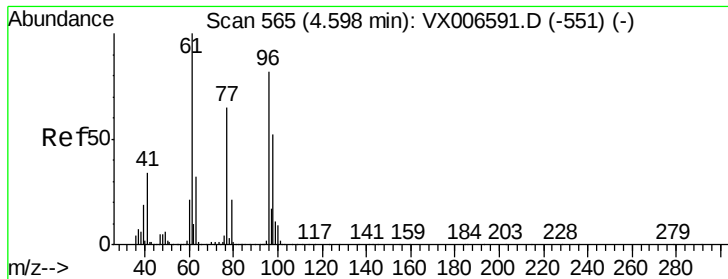
Tgt Ion: 77 Resp: 131543

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4



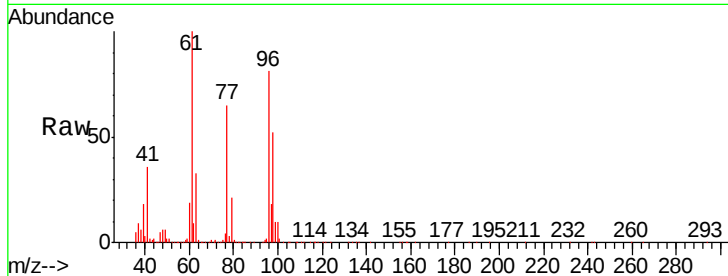


#27

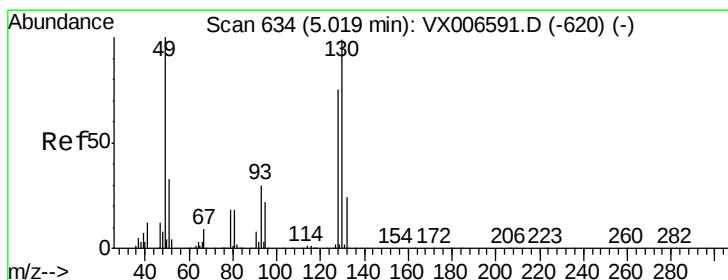
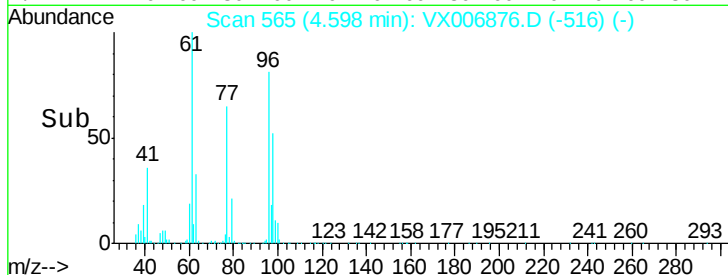
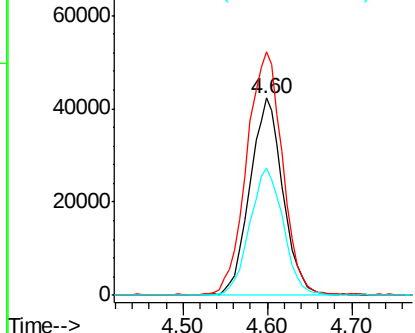
cis-1,2-Dichloroethene
 Concen: 18.510 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

Tgt Ion: 96 Resp: 112705
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 258.6
 98 65.4 0.0 132.0



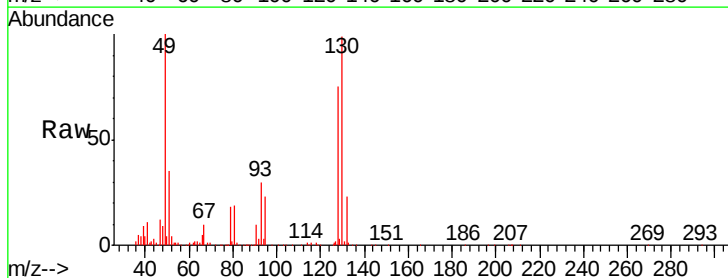
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



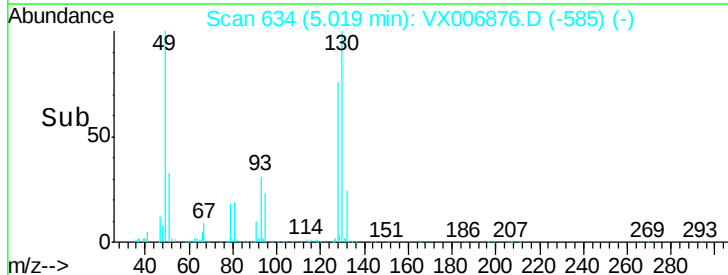
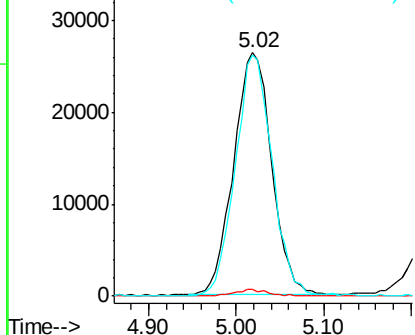
#28

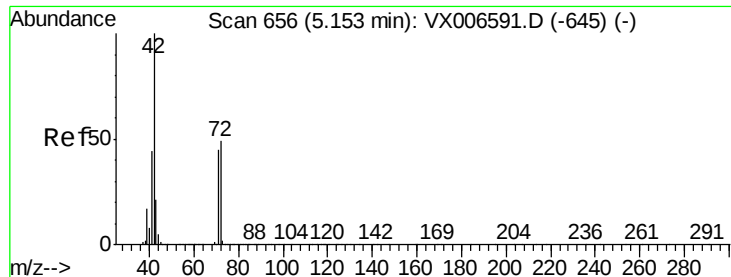
Bromochloromethane
 Concen: 19.568 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion: 49 Resp: 79879
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.4
 130 96.5 77.7 116.5



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





#29

Tetrahydrofuran

Concen: 97.641 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

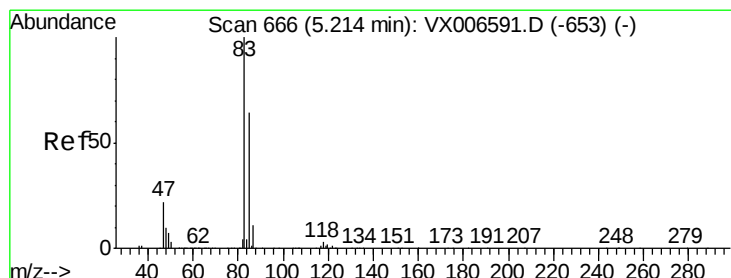
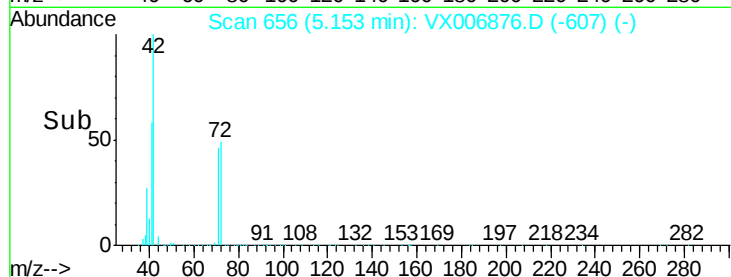
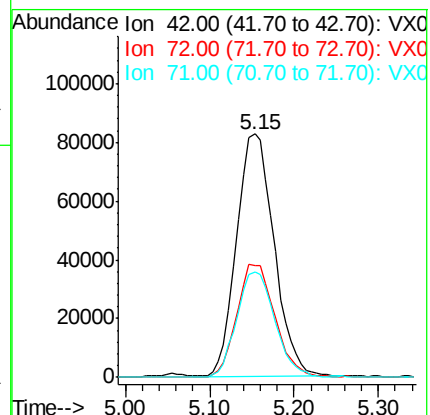
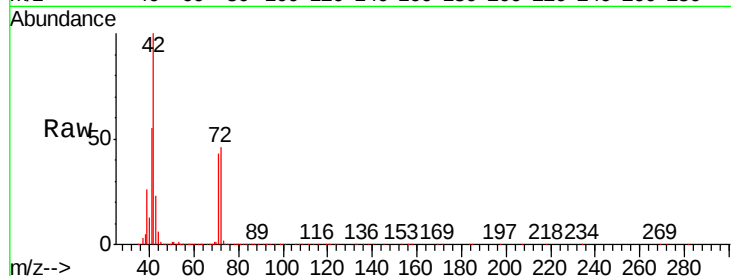
Tgt Ion: 42 Resp: 249693

Ion Ratio Lower Upper

42 100

72 47.4 38.9 58.3

71 44.1 36.2 54.4



#30

Chloroform

Concen: 19.031 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006876.D

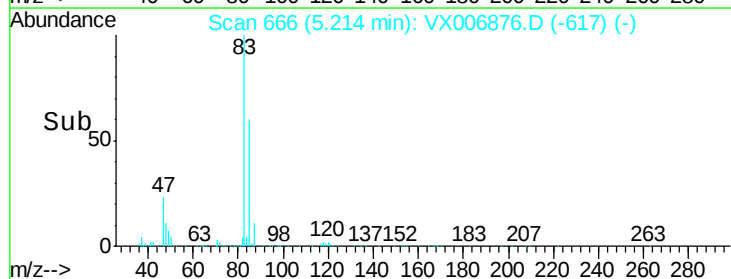
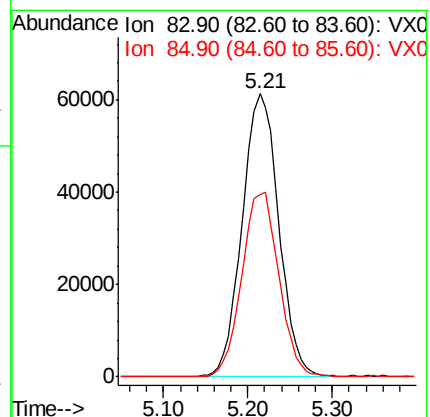
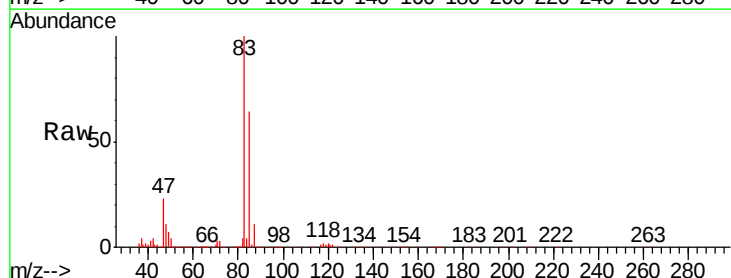
Acq: 02 Jan 2019 12:45

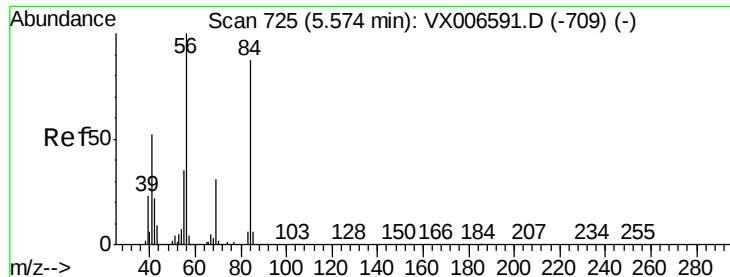
Tgt Ion: 83 Resp: 180437

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

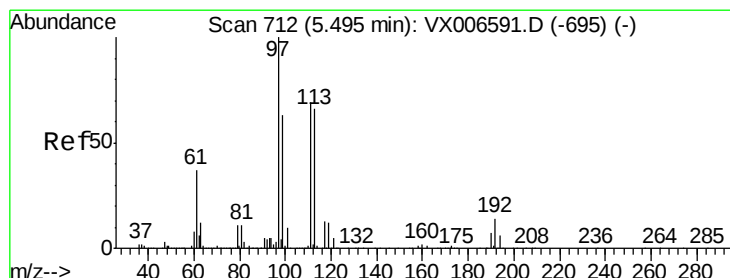
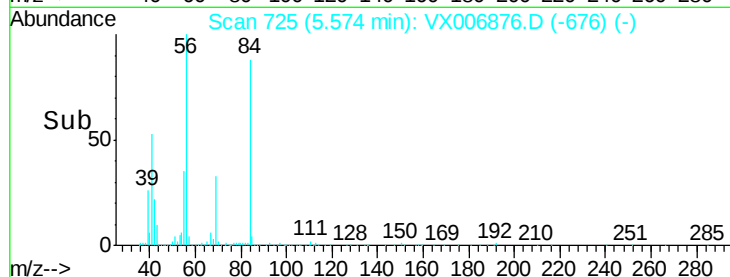
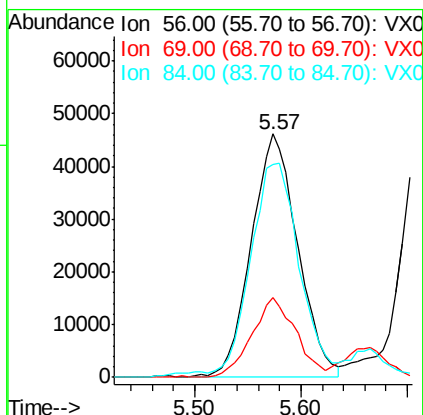
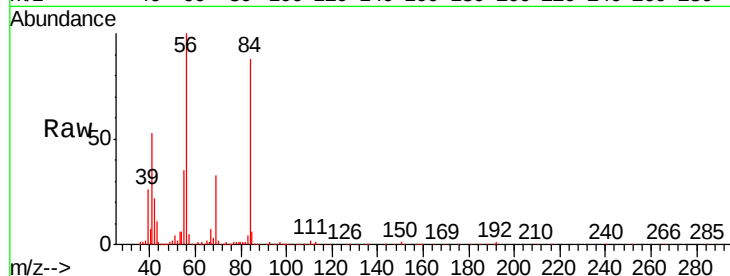




#31
Cyclohexane
Concen: 16.797 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

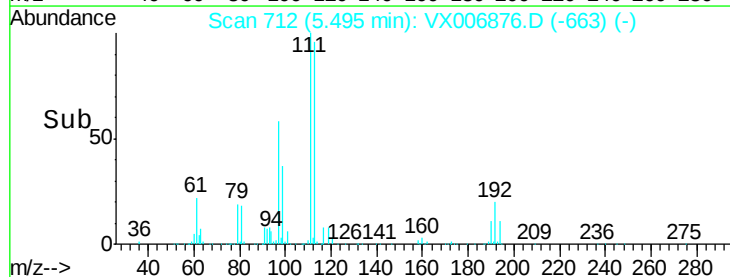
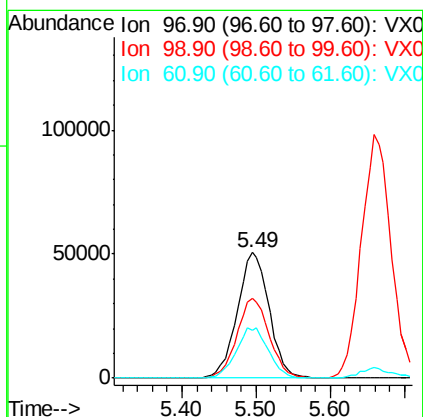
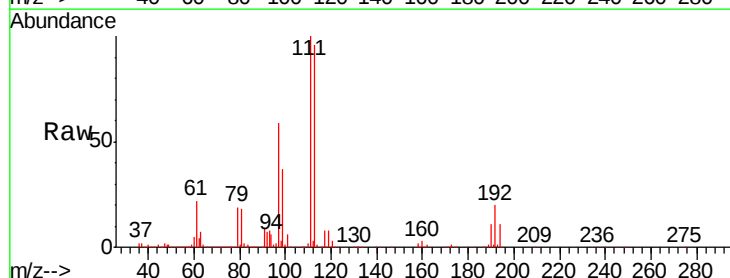
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

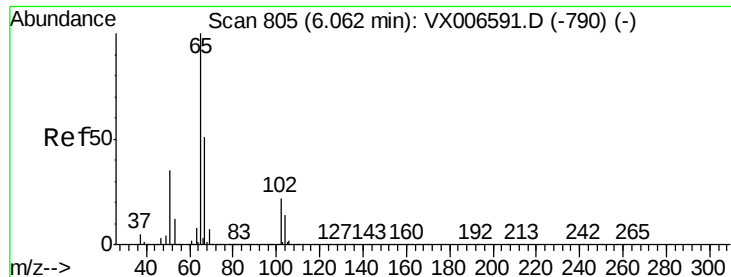
Tgt Ion: 56 Resp: 139712
Ion Ratio Lower Upper
56 100
69 32.8 24.4 36.6
84 86.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.929 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 97 Resp: 151540
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 40.9 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.542 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

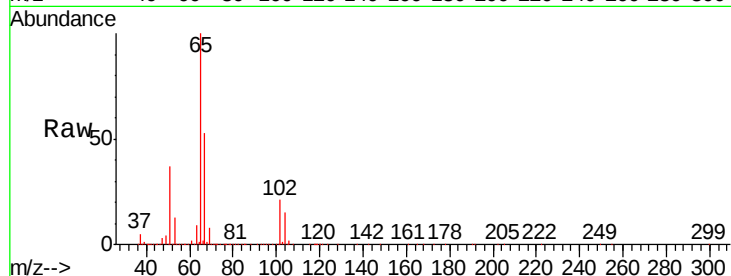
VX0102WBS01

Tgt Ion: 65 Resp: 285636

Ion Ratio Lower Upper

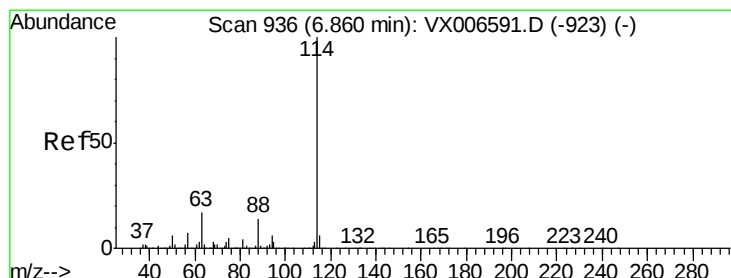
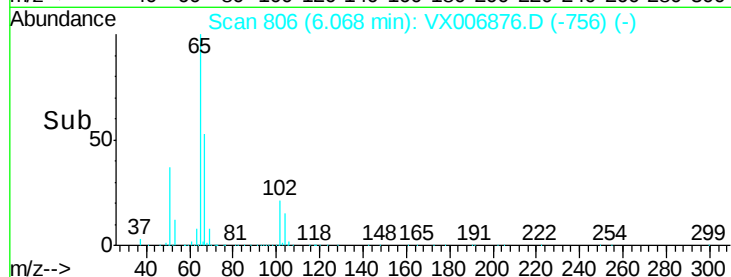
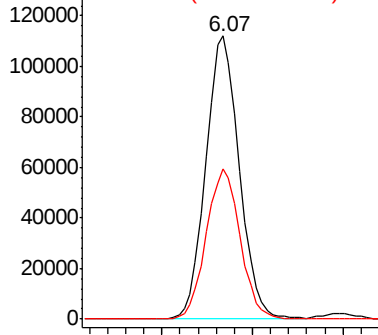
65 100

67 53.9 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: VX006876.D

Acq: 02 Jan 2019 12:45

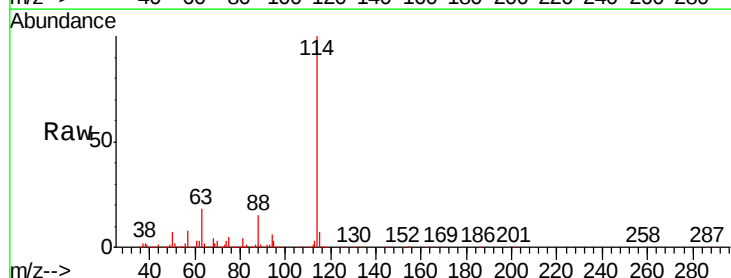
Tgt Ion: 114 Resp: 821201

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

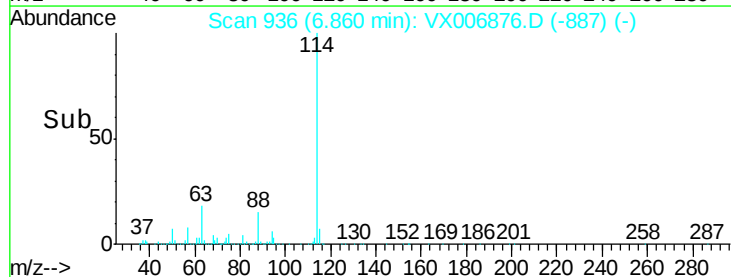
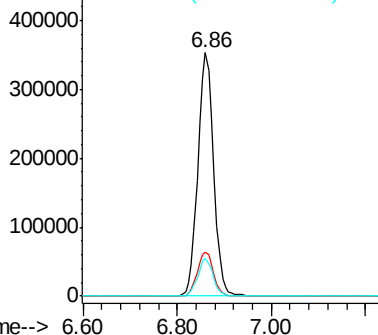
88 15.2 0.0 28.8

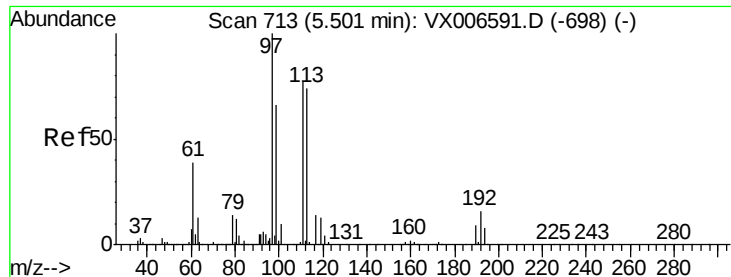


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

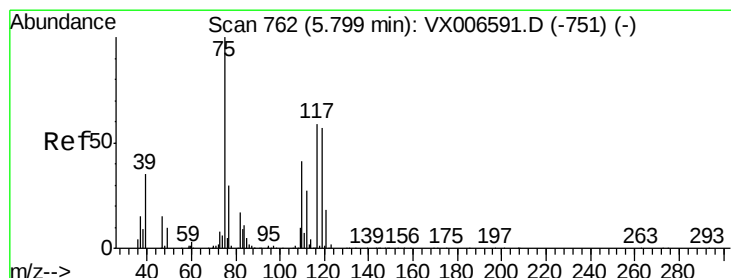
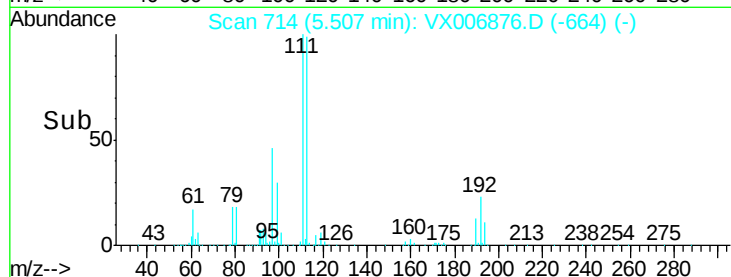
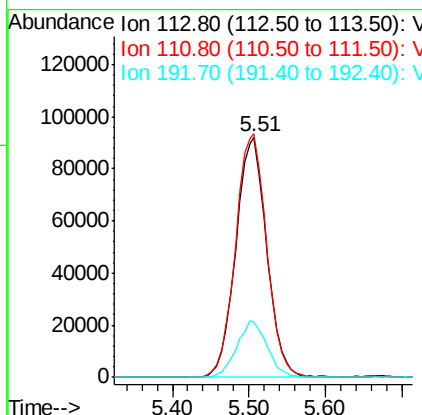
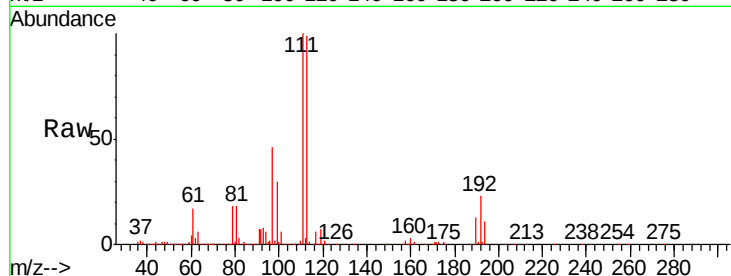




#35
 Dibromofluoromethane
 Concen: 49.615 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

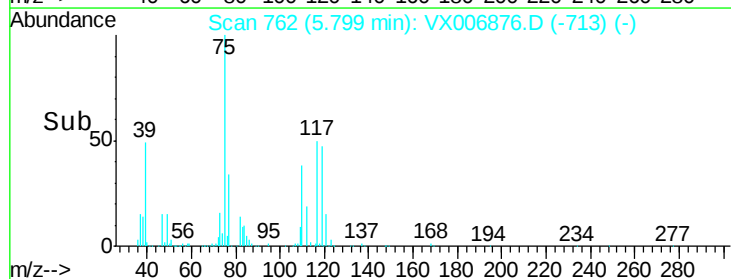
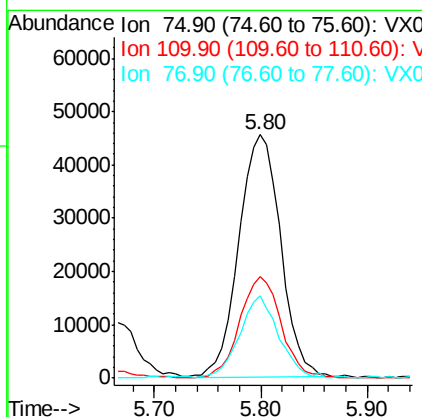
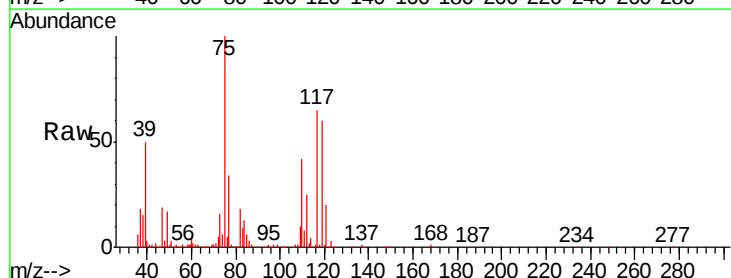
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

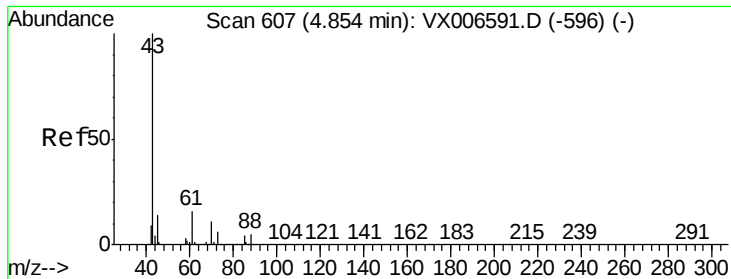
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	23.2	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 18.442 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.4	20.2	60.5
77	31.4	24.8	37.2





#37

Ethyl Acetate

Concen: 20.552 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

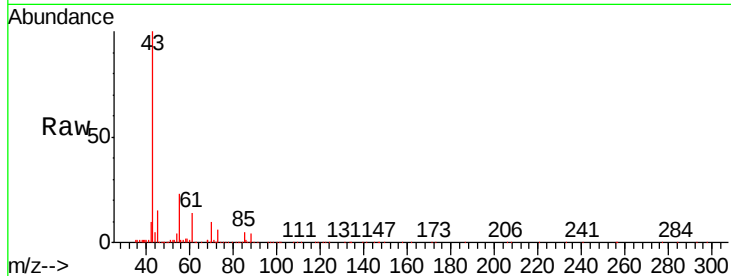
Tgt Ion: 43 Resp: 145490

Ion Ratio Lower Upper

43 100

61 14.2 11.9 17.9

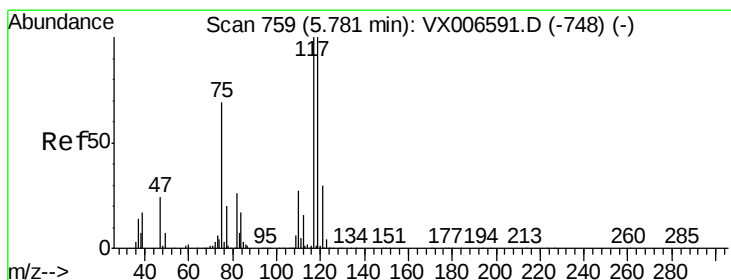
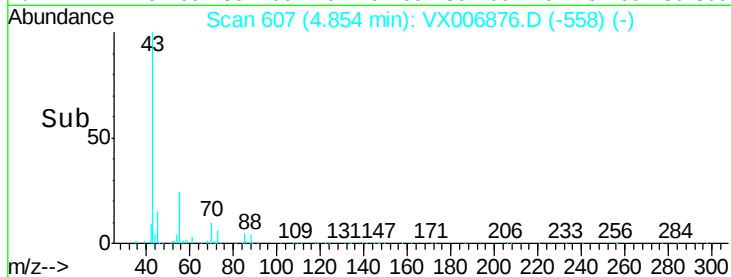
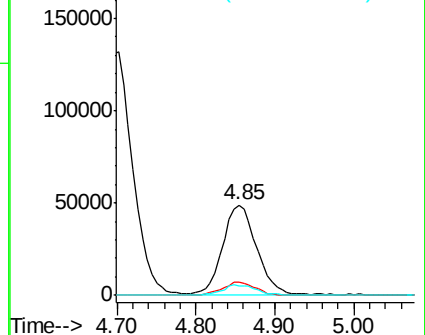
70 11.5 9.7 14.5



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: 19.118 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

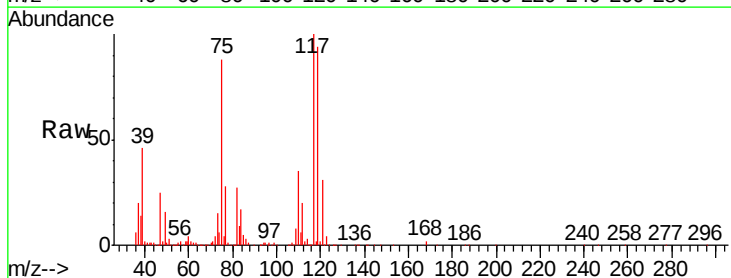
Tgt Ion: 117 Resp: 126366

Ion Ratio Lower Upper

117 100

119 93.9 79.4 119.2

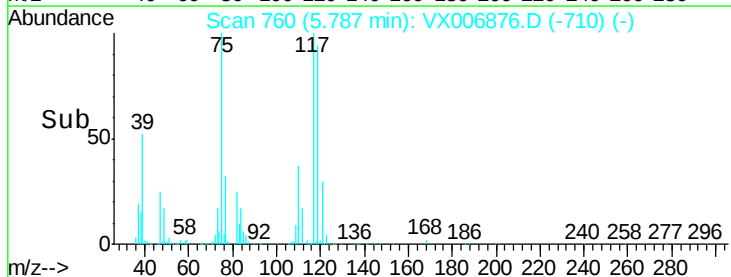
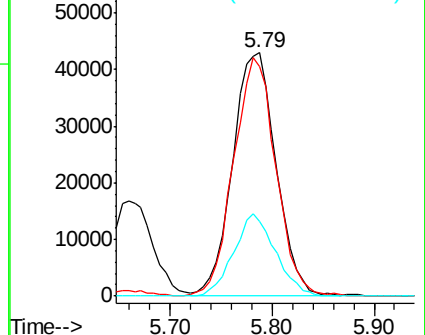
121 30.8 24.0 36.0

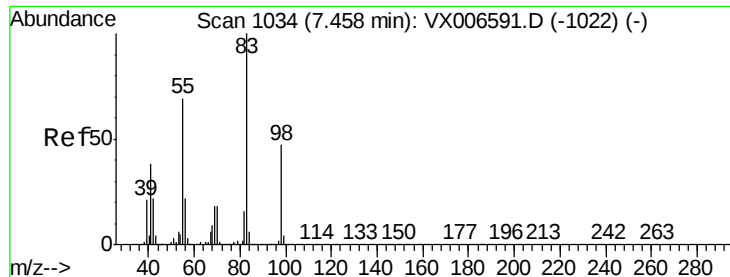


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

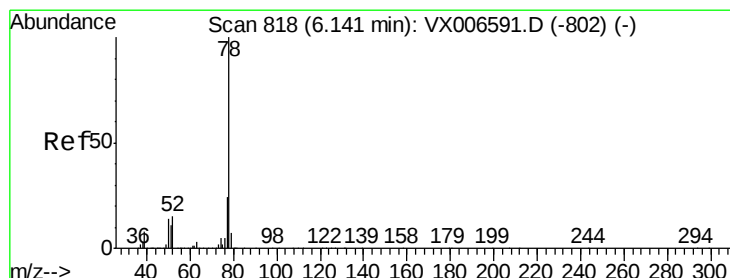
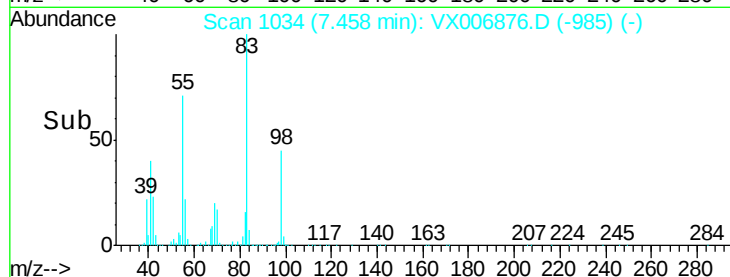
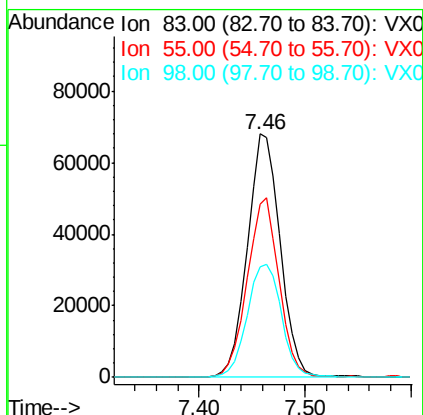
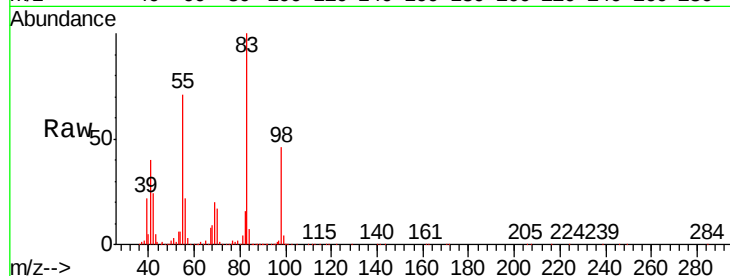




#39
Methylcyclohexane
Concen: 16.436 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

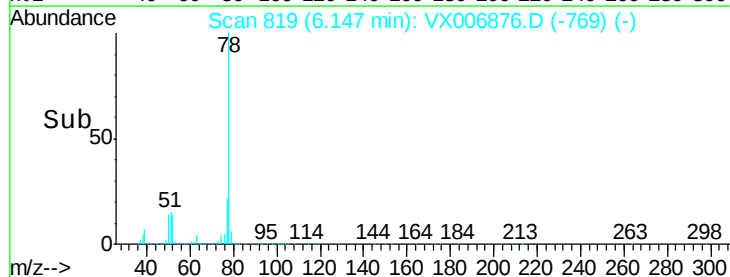
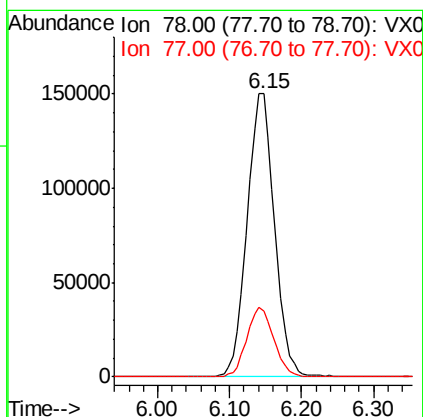
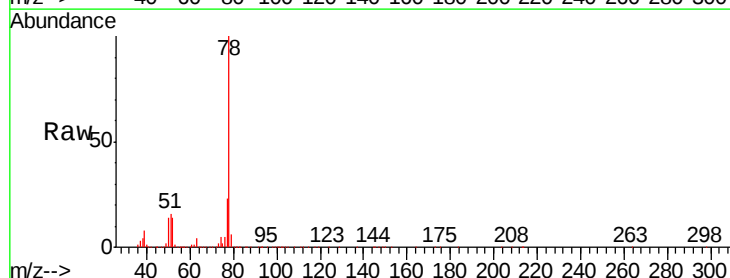
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

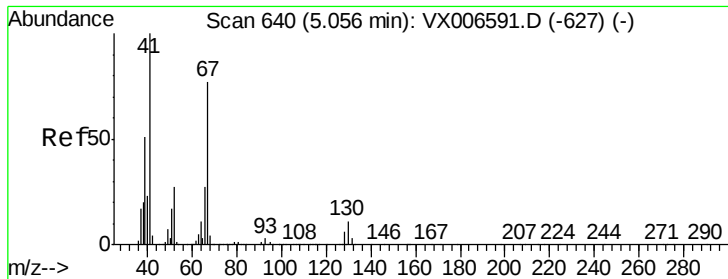
Tgt Ion: 83 Resp: 147176
Ion Ratio Lower Upper
83 100
55 71.0 54.9 82.3
98 45.6 37.9 56.9



#40
Benzene
Concen: 19.200 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 78 Resp: 396939
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8

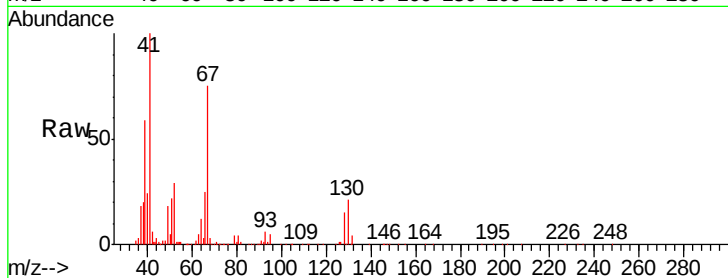




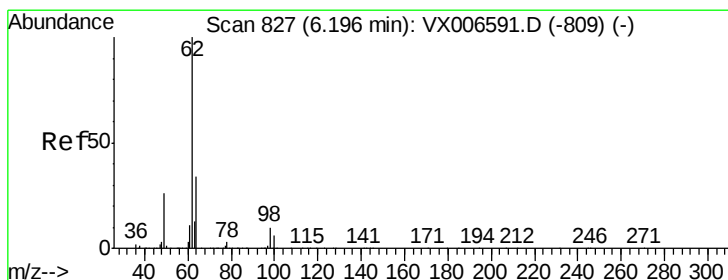
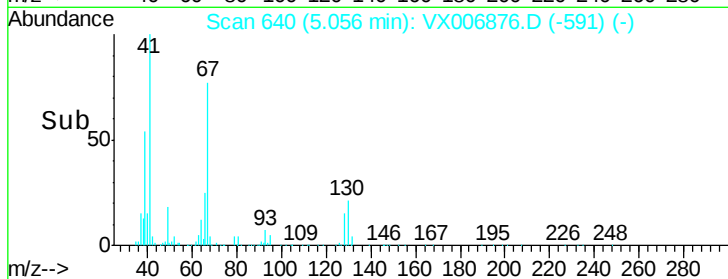
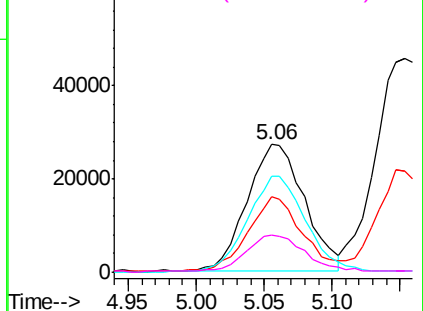
#41
Methacrylonitrile
Concen: 21.500 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tgt Ion:	41	Resp:	80806
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.8	64.2
67	76.9	62.1	93.1
52	28.9	23.4	35.0

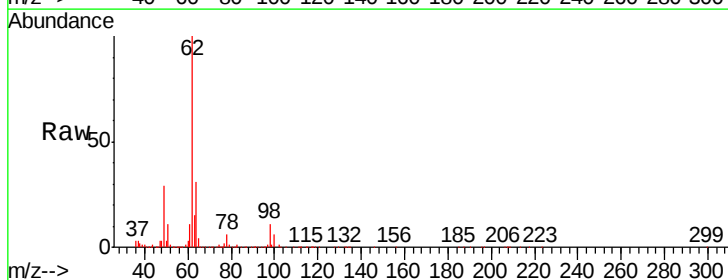


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

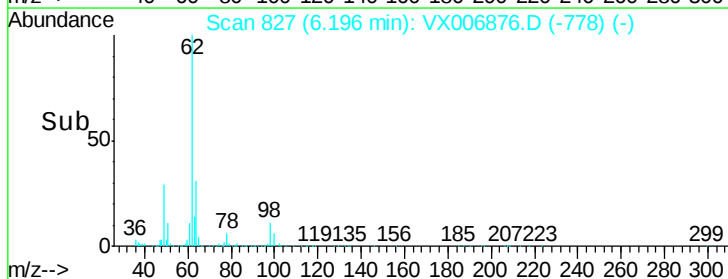
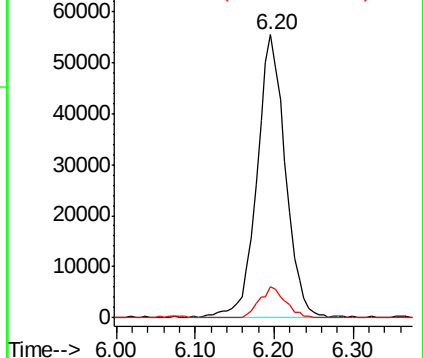


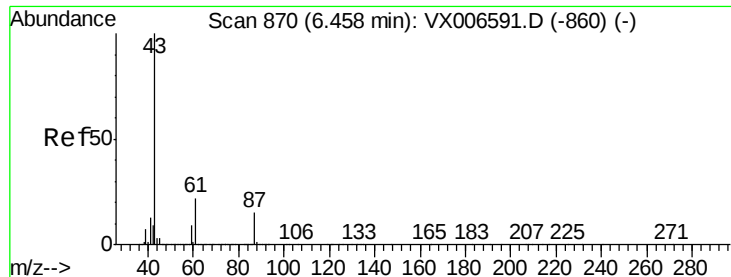
#42
1,2-Dichloroethane
Concen: 19.548 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion:	62	Resp:	137715
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: 21.468 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

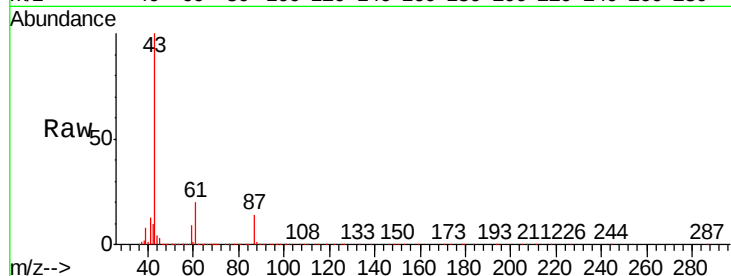
Tgt Ion: 43 Resp: 231238

Ion Ratio Lower Upper

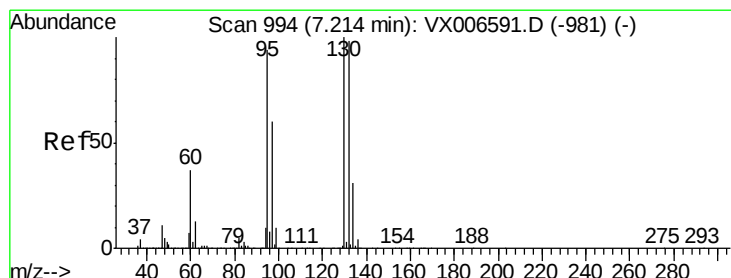
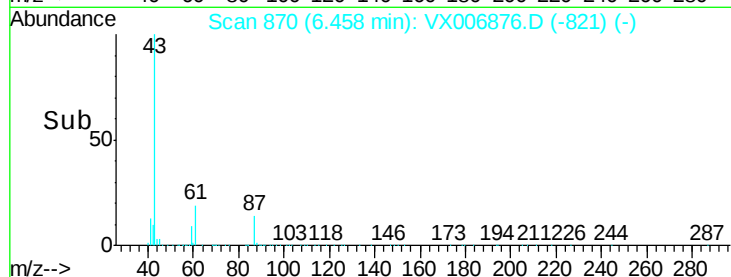
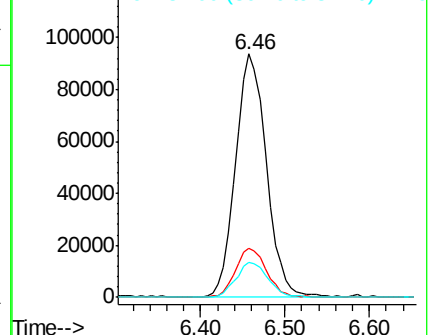
43 100

61 20.5 16.8 25.2

87 15.0 12.4 18.6



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



#44

Trichloroethene

Concen: 18.493 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006876.D

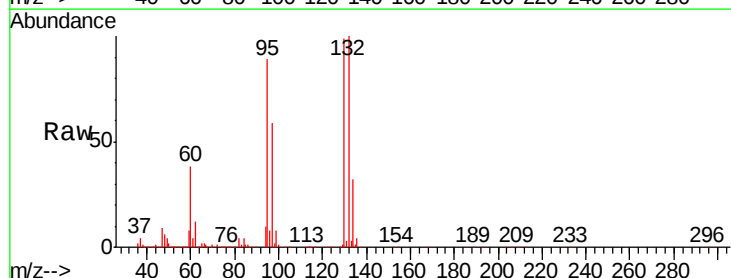
Acq: 02 Jan 2019 12:45

Tgt Ion: 130 Resp: 115721

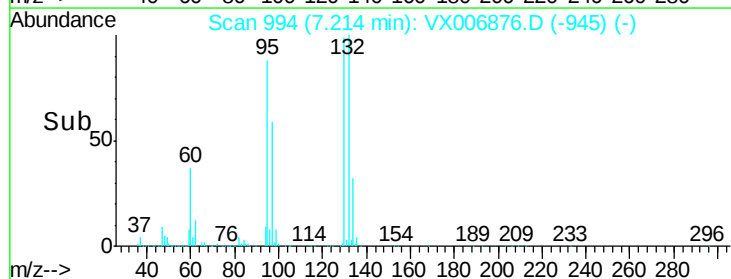
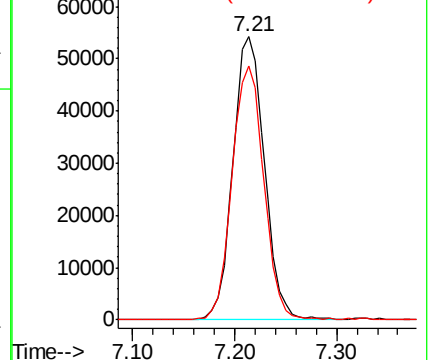
Ion Ratio Lower Upper

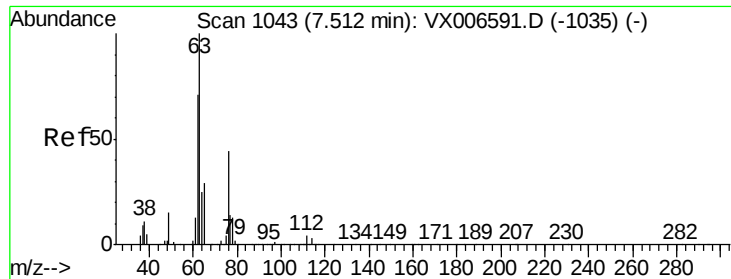
130 100

95 89.5 0.0 187.0



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

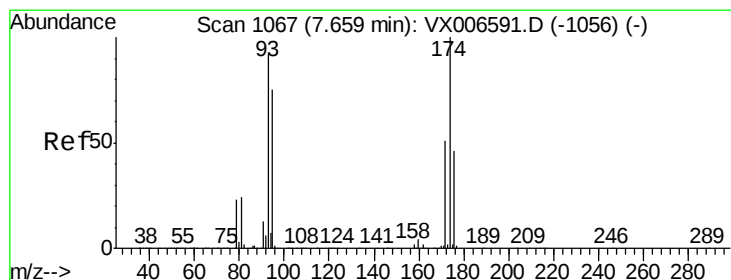
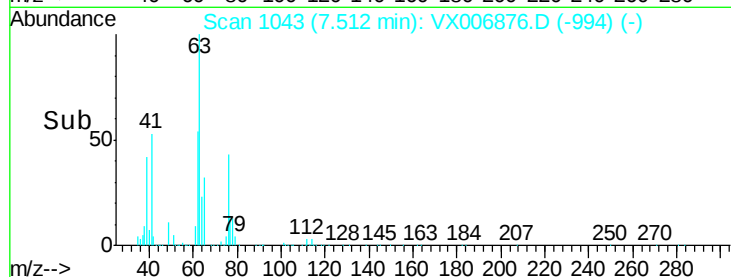
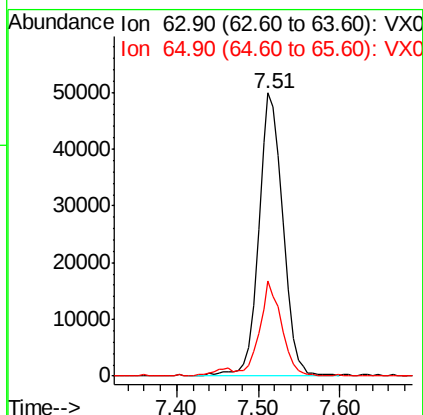
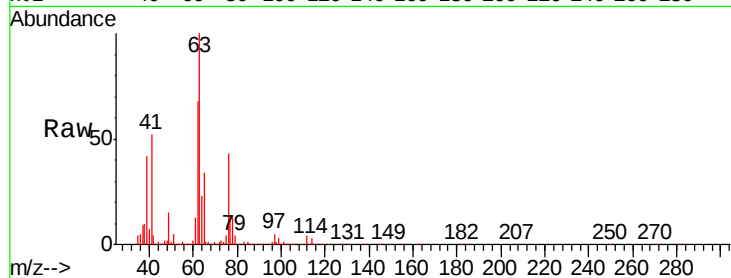




#45
 1,2-Dichloropropane
 Concen: 20.451 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

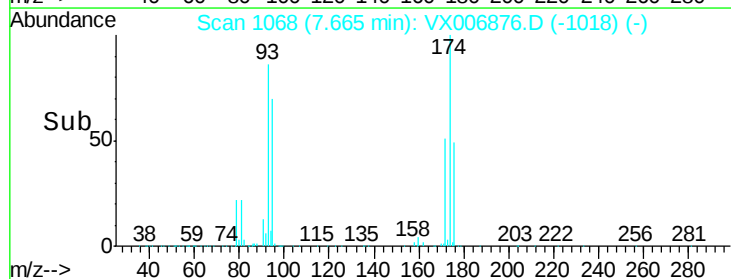
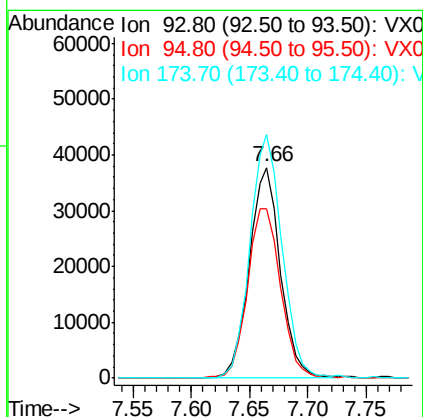
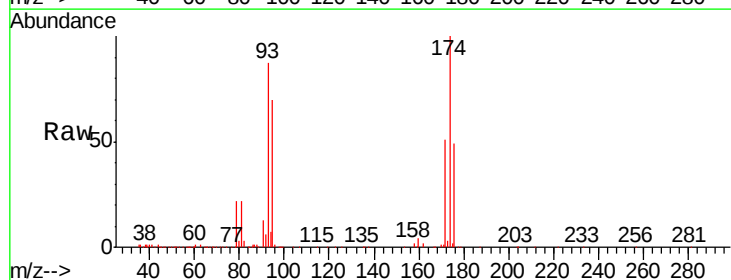
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

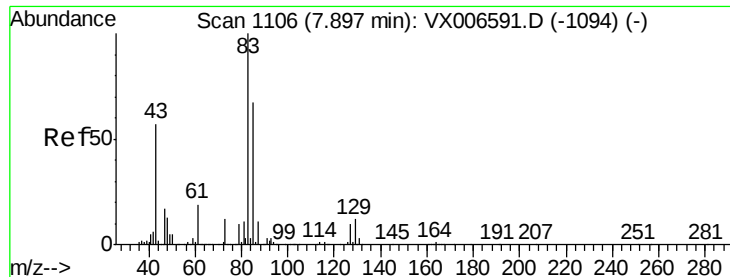
Tgt Ion: 63 Resp: 102891
 Ion Ratio Lower Upper
 63 100
 65 33.6 25.4 38.0



#46
 Dibromomethane
 Concen: 18.990 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion: 93 Resp: 70273
 Ion Ratio Lower Upper
 93 100
 95 86.1 66.2 99.4
 174 119.4 91.0 136.4





#47

Bromodichloromethane

Concen: 19.685 ug/l

RT: 7.90 min Scan# 1106

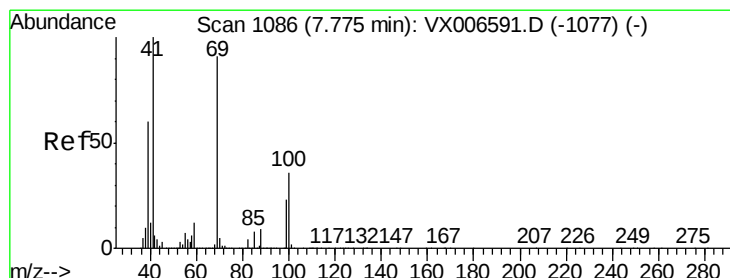
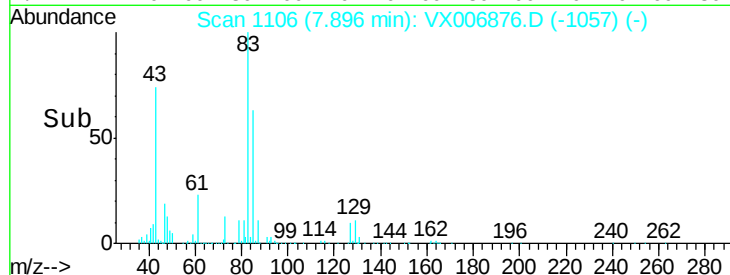
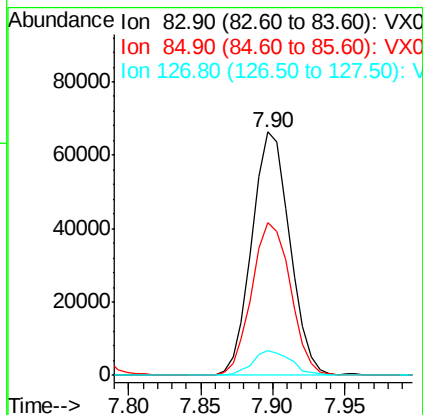
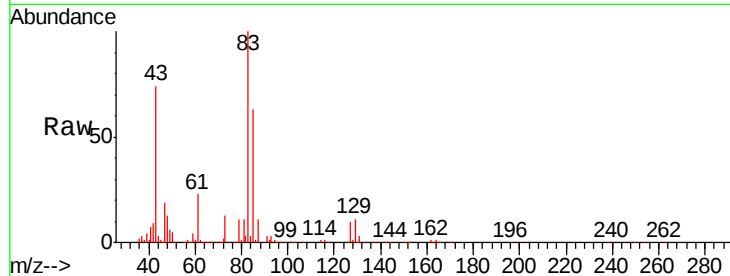
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tgt Ion:	83	Resp:	120939
Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.2	79.8
127	10.0	7.8	11.6



#48

Methyl methacrylate

Concen: 21.335 ug/l

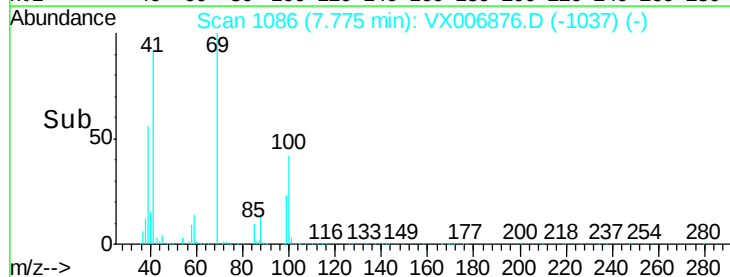
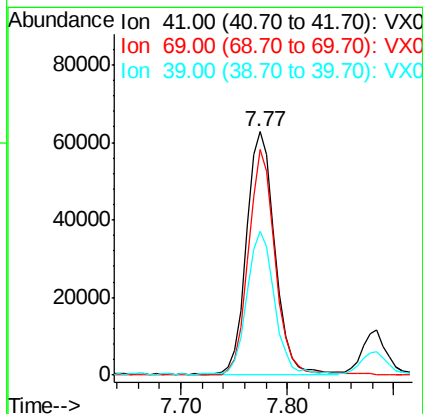
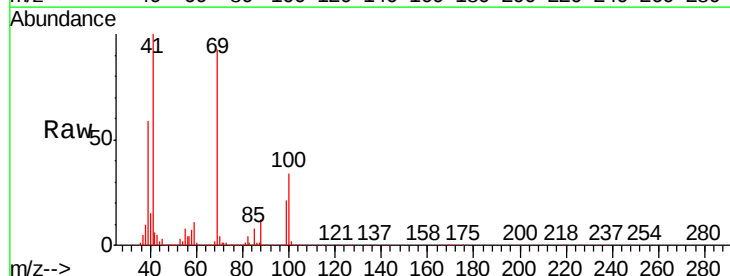
RT: 7.77 min Scan# 1086

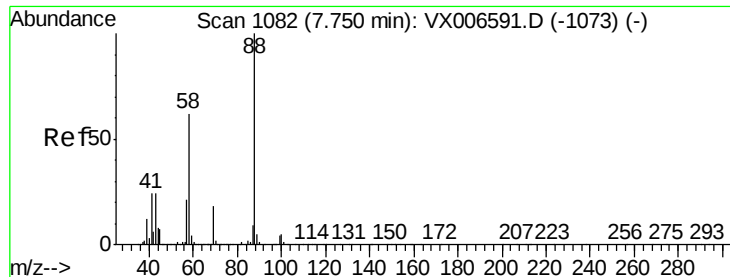
Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion:	41	Resp:	116861
Ion	Ratio	Lower	Upper
41	100		
69	87.2	72.4	108.6
39	56.4	45.8	68.8





#49

1,4-Dioxane

Concen: 382.402 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VX0102WBS01

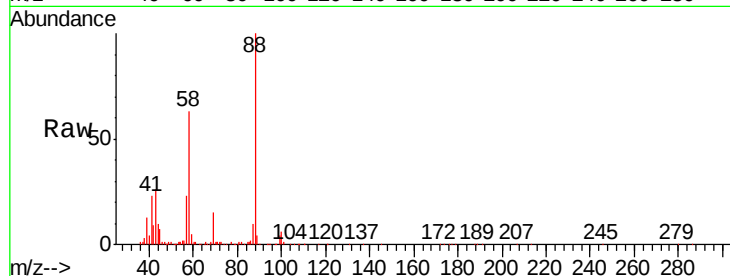
Tgt Ion: 88 Resp: 56563

Ion Ratio Lower Upper

88 100

43 30.2 22.2 33.4

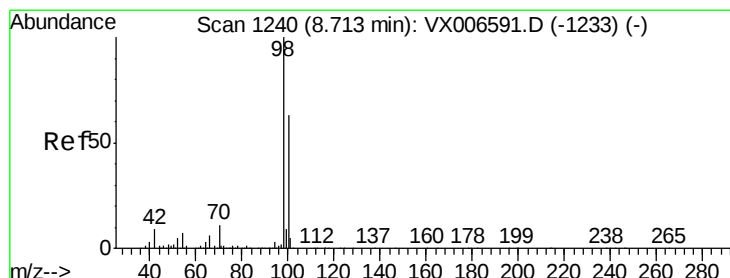
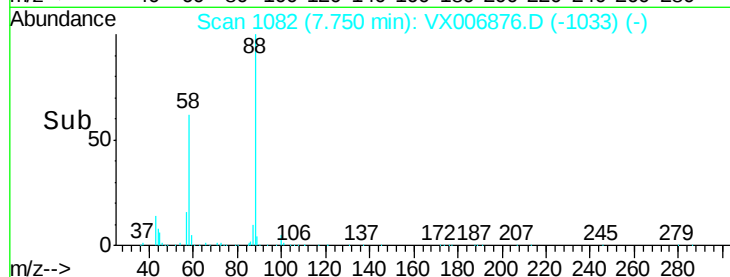
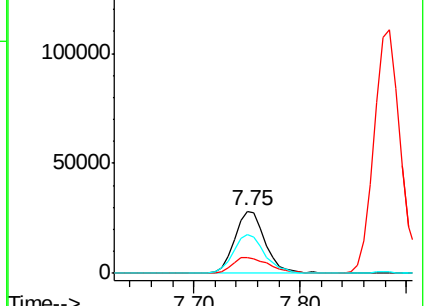
58 63.8 51.0 76.4



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: 48.444 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006876.D

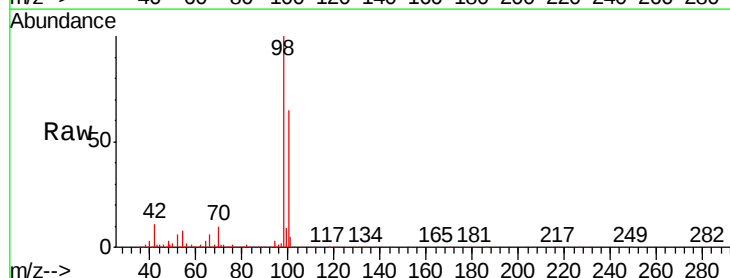
Acq: 02 Jan 2019 12:45

Tgt Ion: 98 Resp: 948440

Ion Ratio Lower Upper

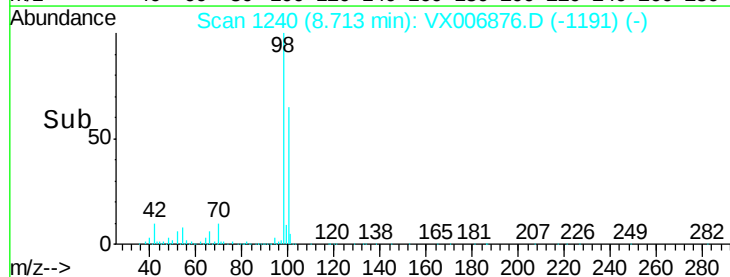
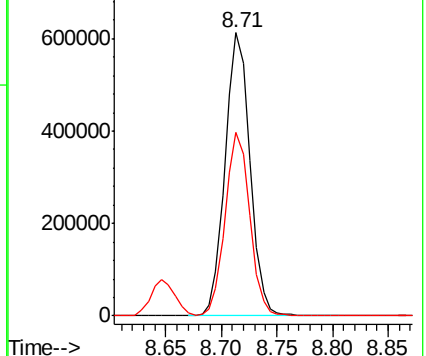
98 100

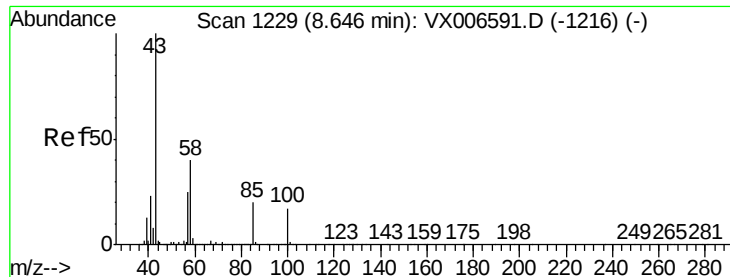
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

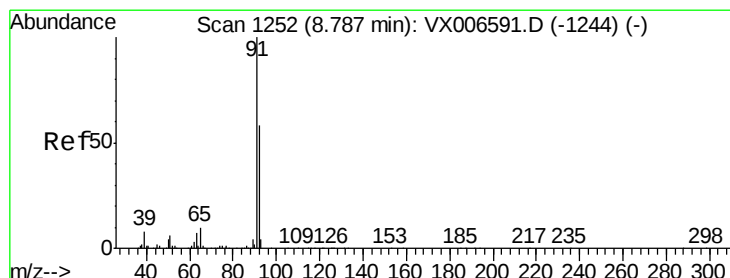
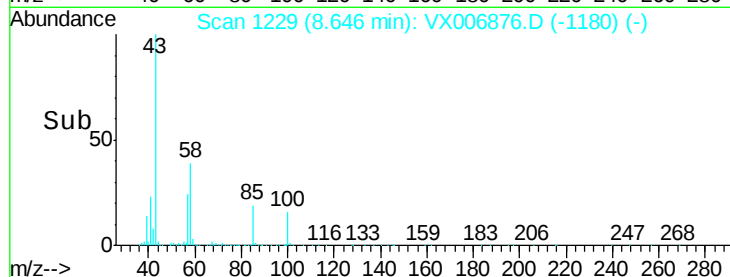
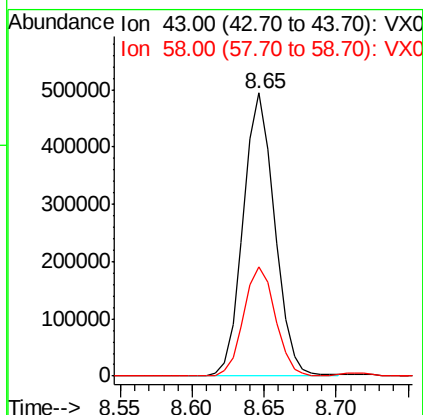
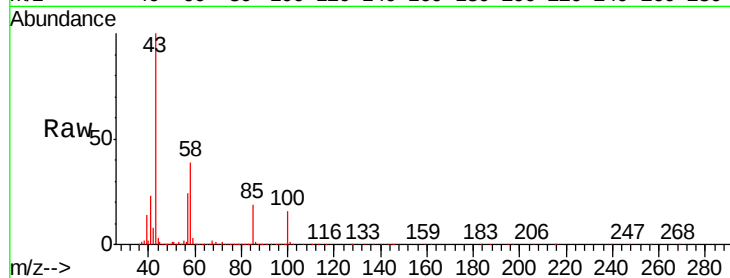




#51
 4-Methyl-2-Pentanone
 Concen: 109.276 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

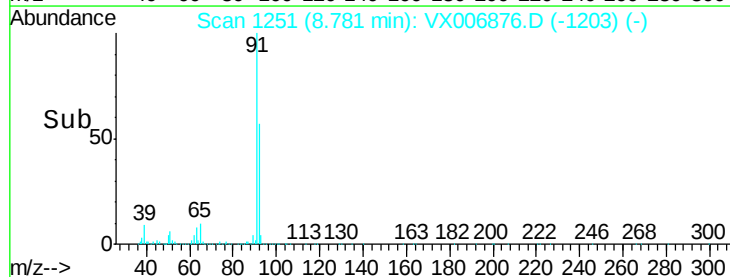
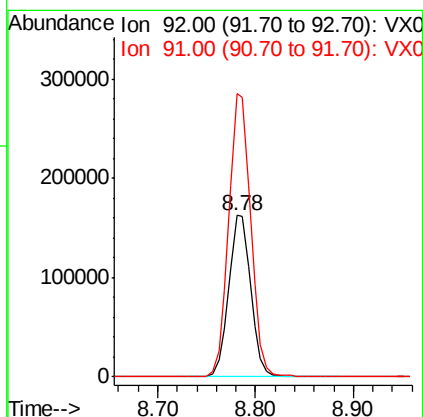
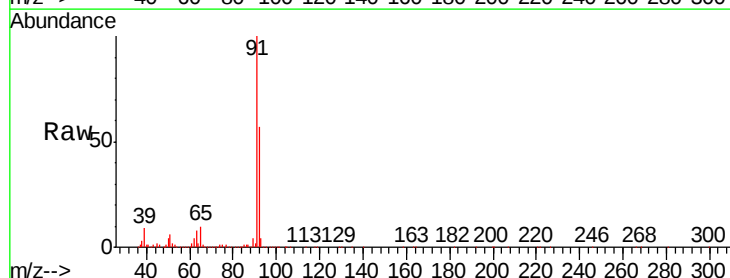
Instrument :
 MSVOA_X
 ClientSampled :
 VX0102WBS01

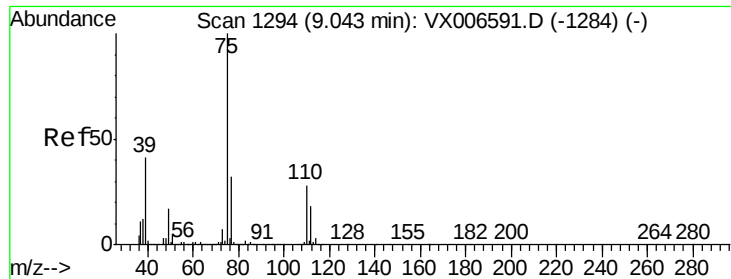
Tgt Ion: 43 Resp: 748904
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.8 47.6



#52
 Toluene
 Concen: 19.161 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion: 92 Resp: 255917
 Ion Ratio Lower Upper
 92 100
 91 174.2 137.6 206.4

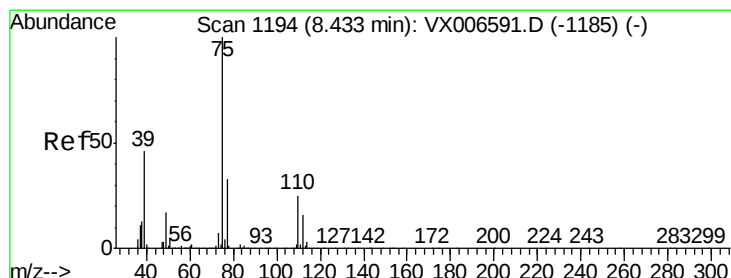
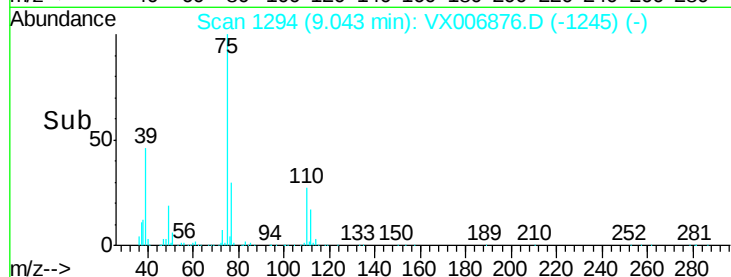
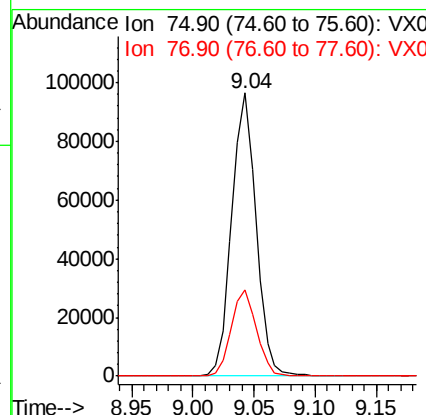
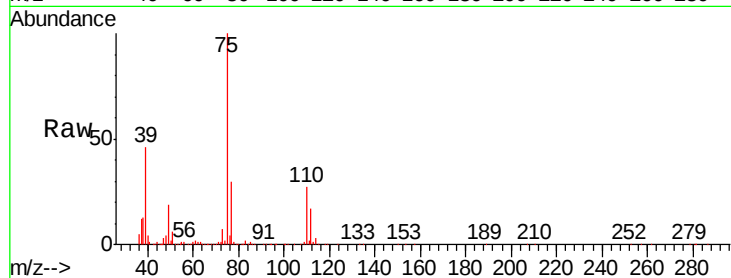




#53
t-1,3-Dichloropropene
Concen: 20.200 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

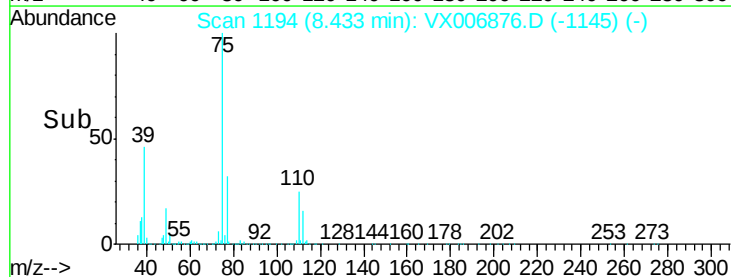
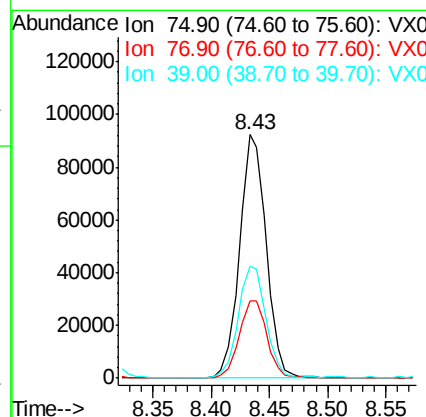
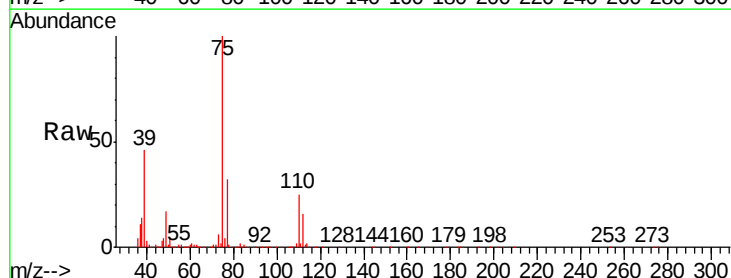
Instrument :
MSVOA_X
ClientSampled :
VX0102WBS01

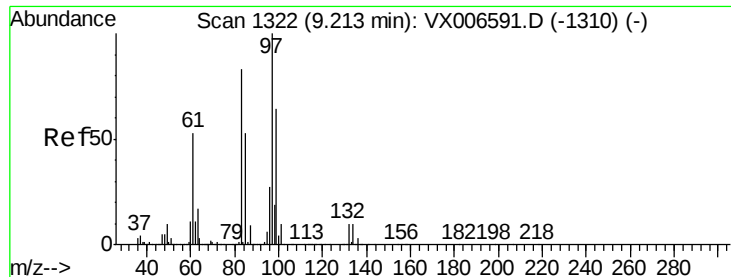
Tgt Ion: 75 Resp: 133099
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.366 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 75 Resp: 147243
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
39 45.6 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 19.665 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

Tgt Ion: 97 Resp: 107510

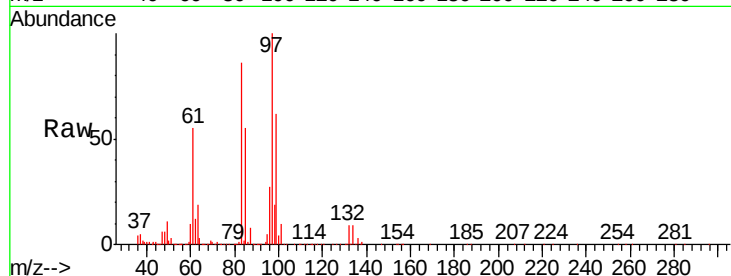
Ion Ratio Lower Upper

97 100

83 86.3 66.6 99.8

85 55.1 42.7 64.1

99 62.2 50.8 76.2

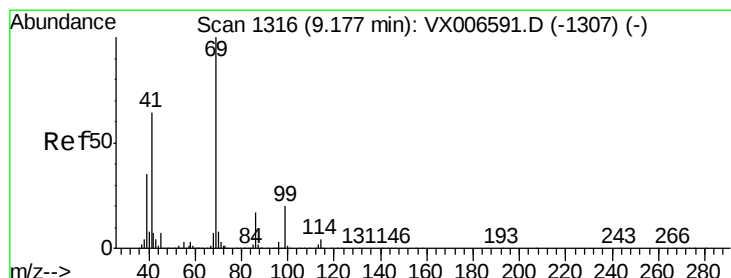
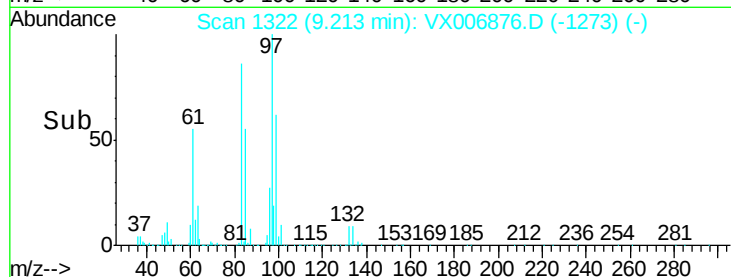
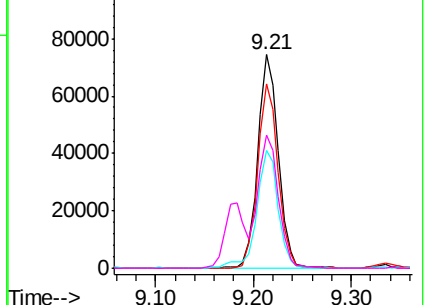


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.717 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

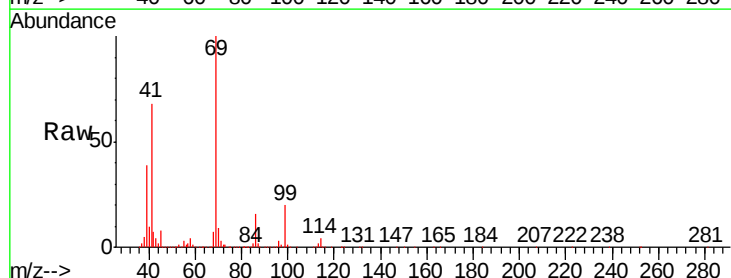
Tgt Ion: 69 Resp: 160079

Ion Ratio Lower Upper

69 100

41 63.4 48.7 73.1

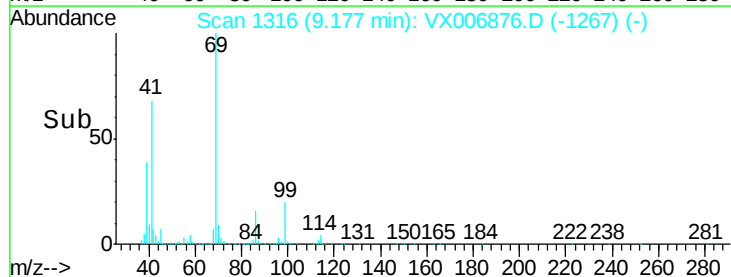
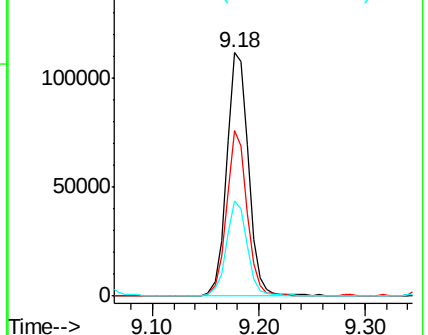
39 37.1 27.0 40.6

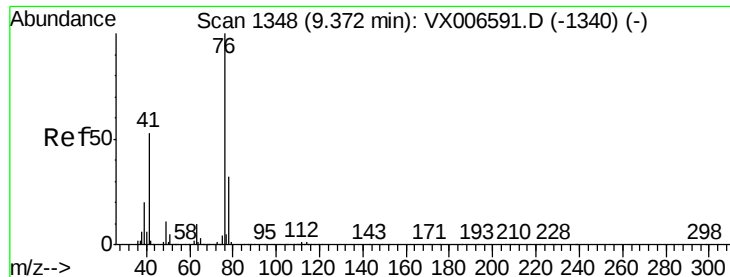


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.938 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

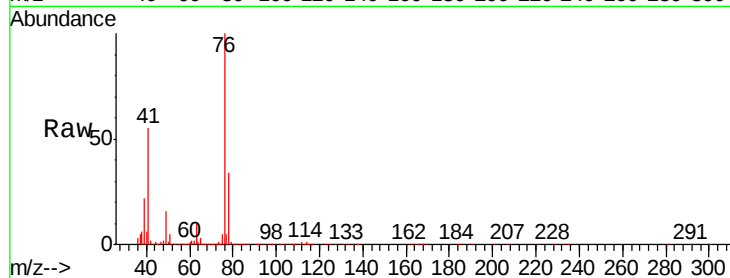
VX0102WBS01

Tgt Ion: 76 Resp: 175368

Ion Ratio Lower Upper

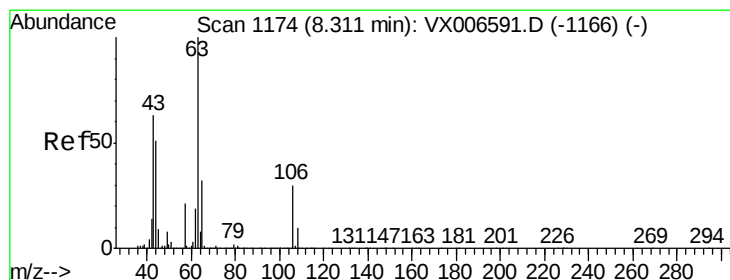
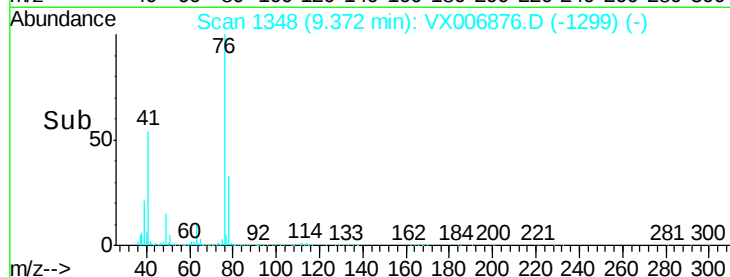
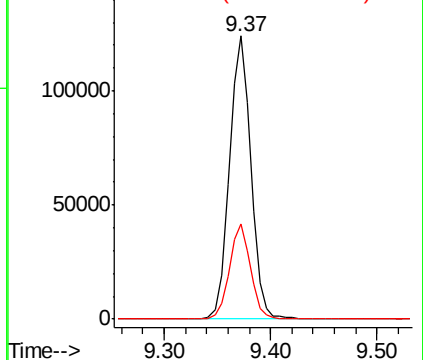
76 100

78 32.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.850 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006876.D

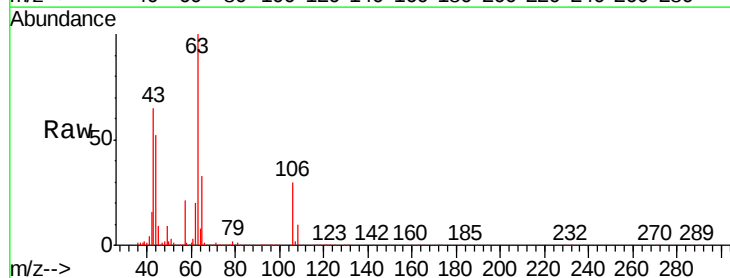
Acq: 02 Jan 2019 12:45

Tgt Ion: 63 Resp: 414227

Ion Ratio Lower Upper

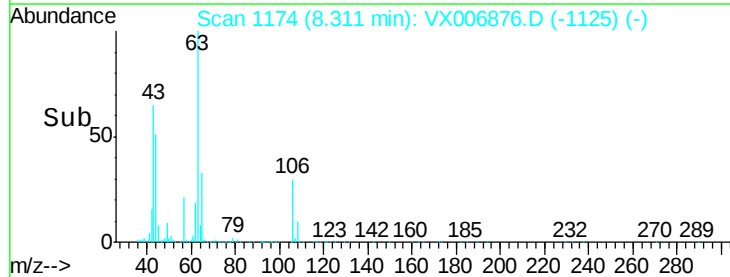
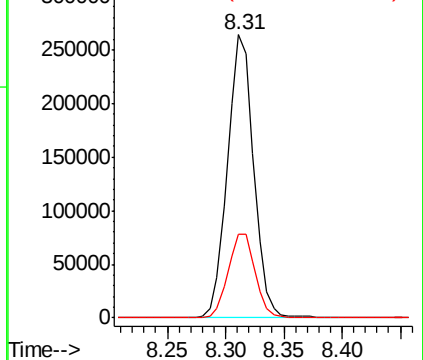
63 100

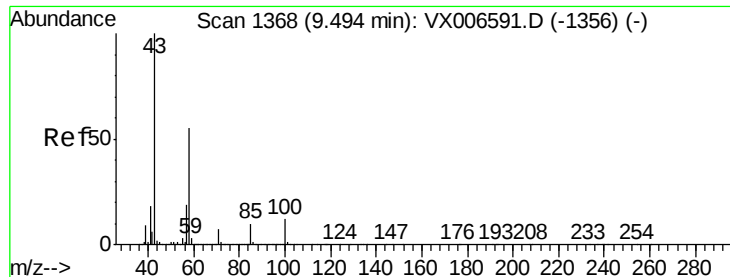
106 30.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

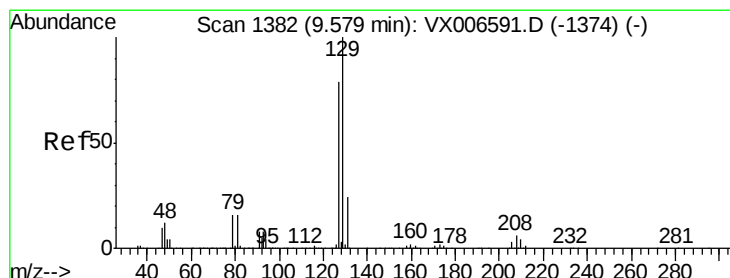
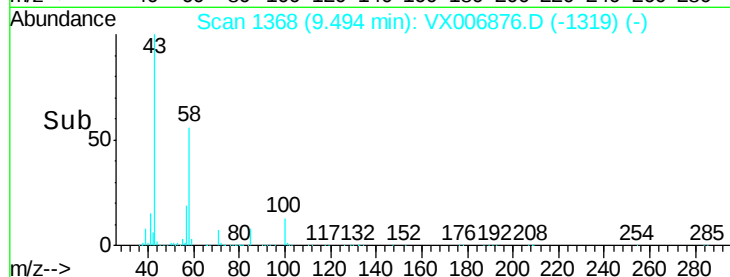
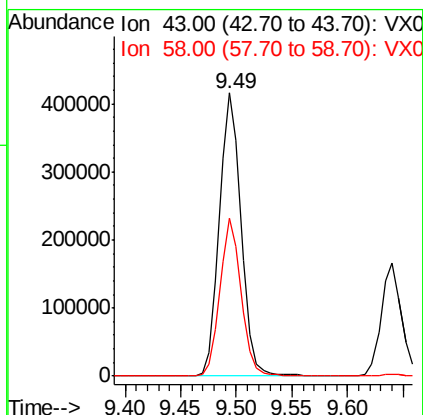
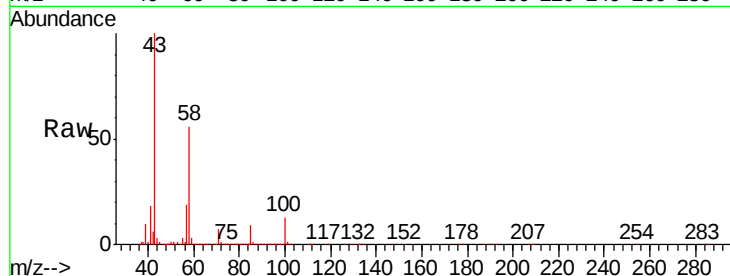




#59
2-Hexanone
Concen: 106.996 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

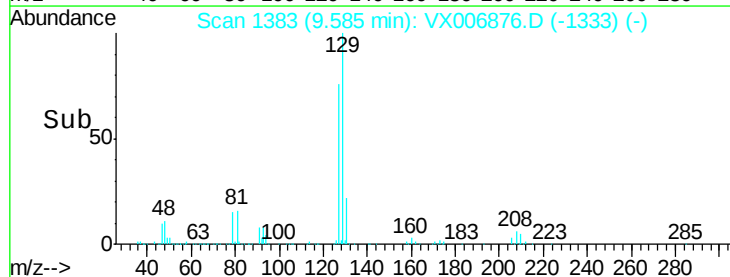
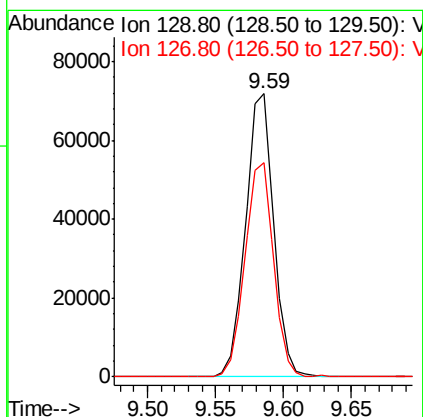
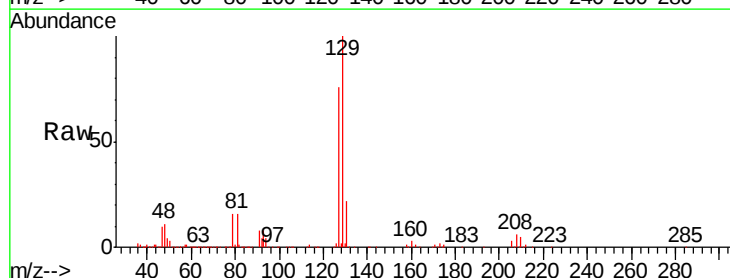
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

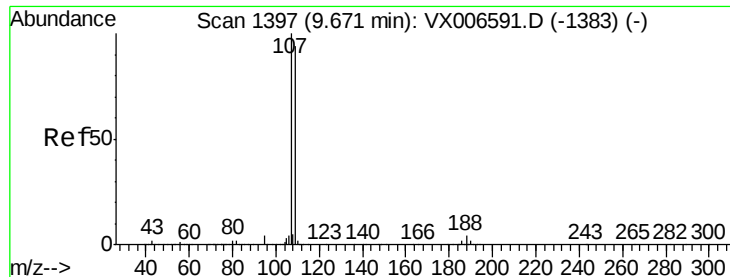
Tgt Ion: 43 Resp: 561044
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 19.701 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 129 Resp: 104201
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8

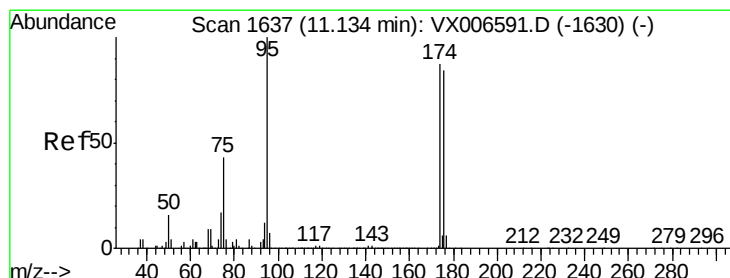
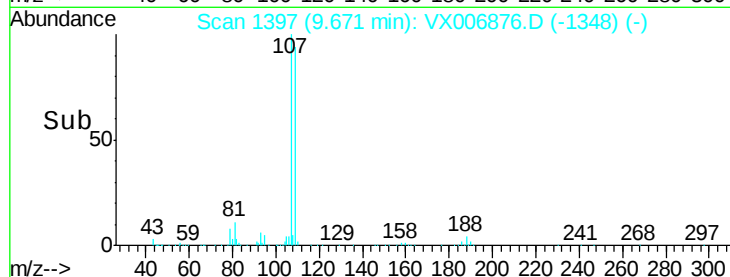
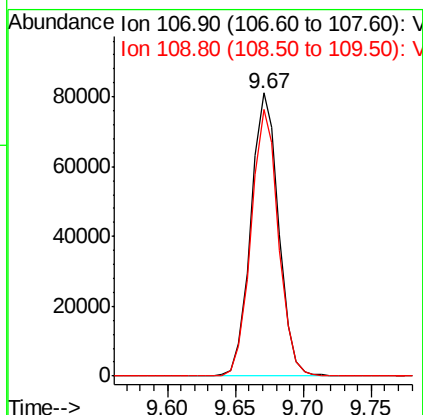
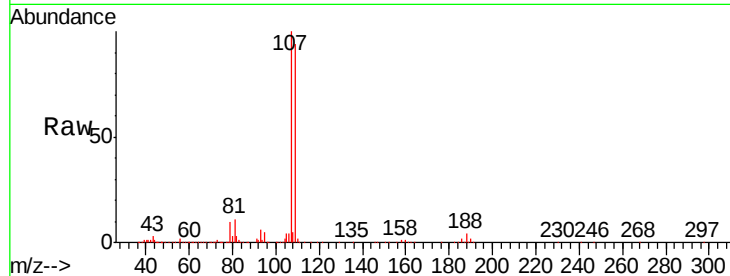




#61
 1,2-Dibromoethane
 Concen: 20.033 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

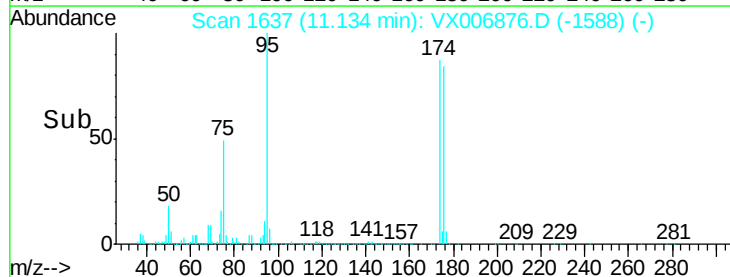
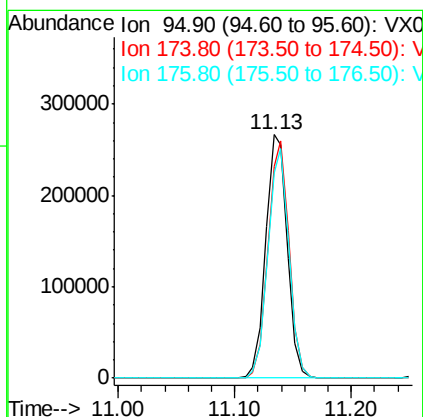
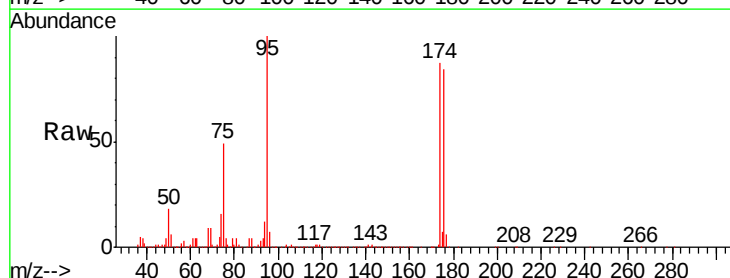
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

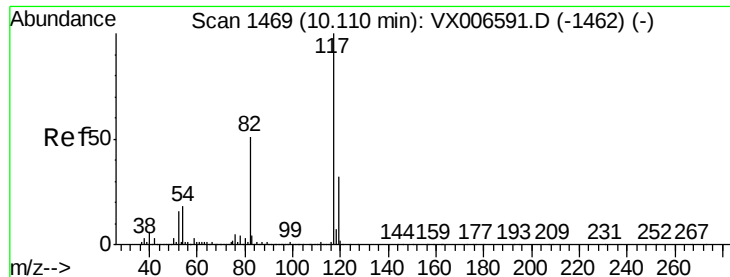
Tgt Ion: 107 Resp: 116422
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 47.782 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion: 95 Resp: 342615
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 182.2
 176 92.5 0.0 178.8

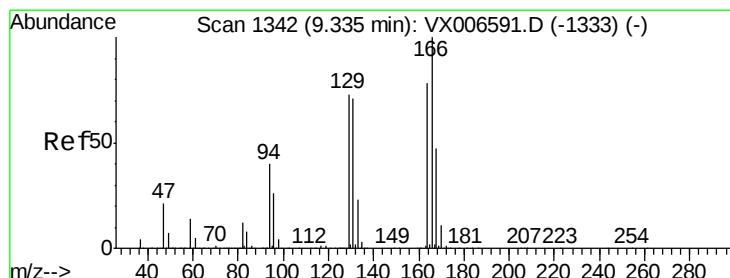
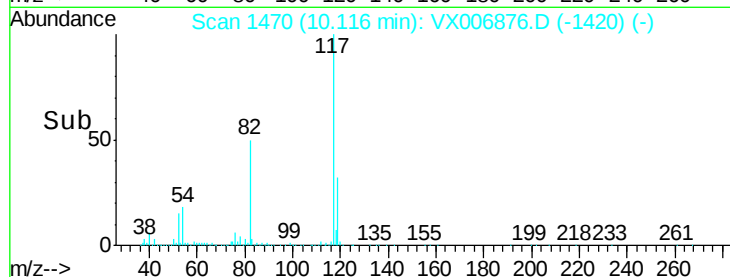
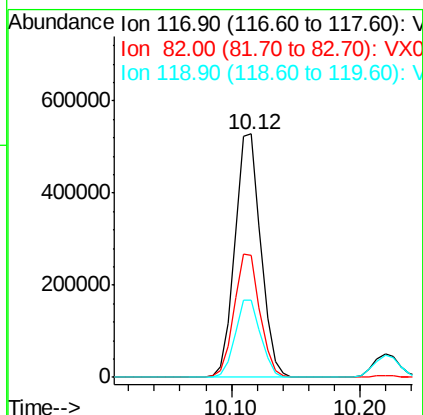
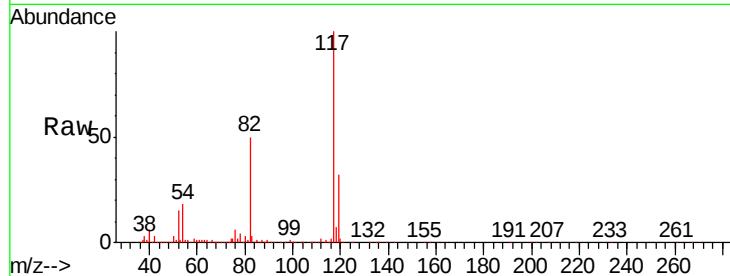




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

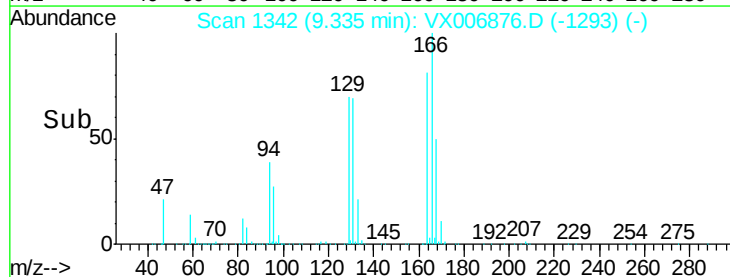
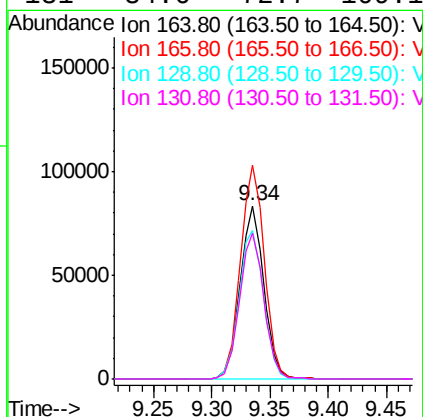
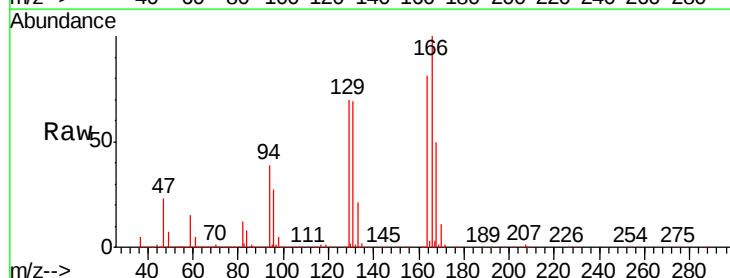
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

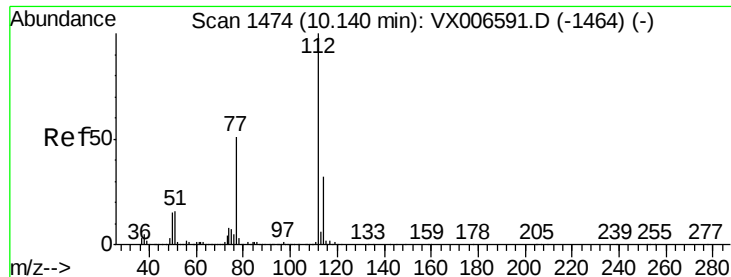
Tgt Ion:117 Resp: 738518
Ion Ratio Lower Upper
117 100
82 49.9 41.0 61.6
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 20.285 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion:164 Resp: 118623
Ion Ratio Lower Upper
164 100
166 123.3 102.5 153.7
129 85.8 75.1 112.7
131 84.6 72.7 109.1

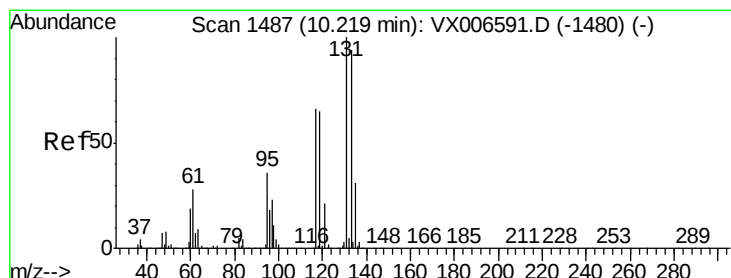
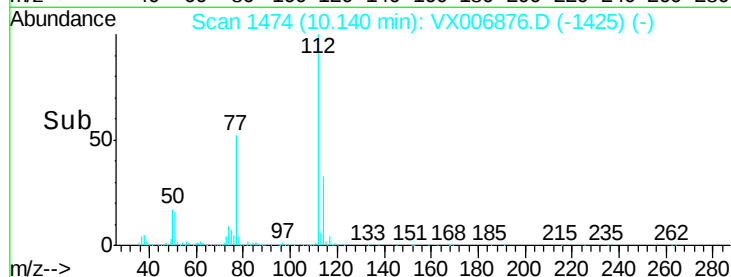
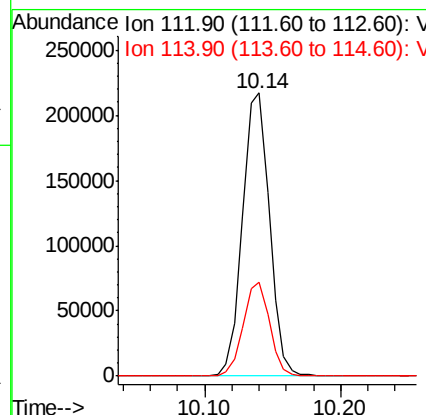
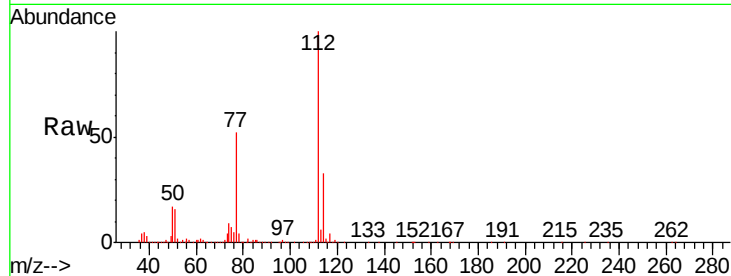




#65
Chlorobenzene
Concen: 19.251 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

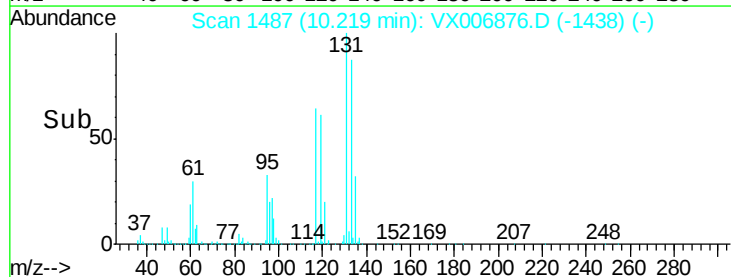
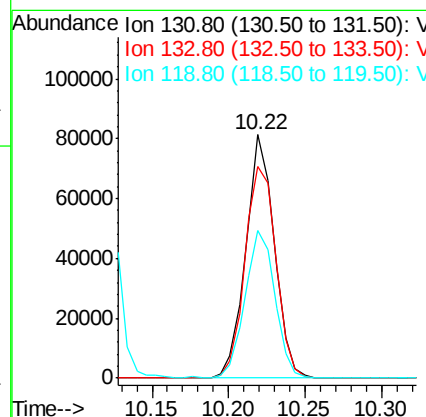
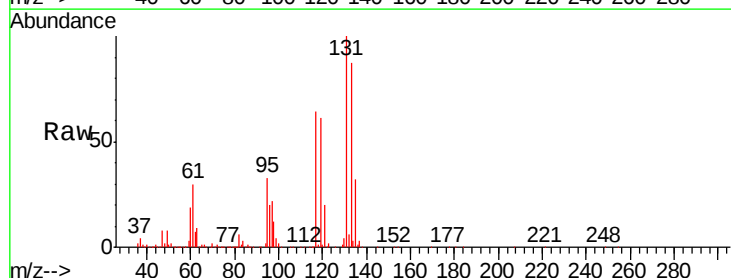
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

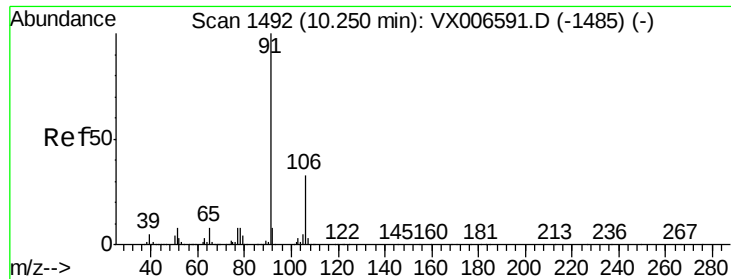
Tgt Ion:112 Resp: 300781
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.528 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion:131 Resp: 104941
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 64.1 32.6 97.8





#67

Ethyl Benzene

Concen: 19.167 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

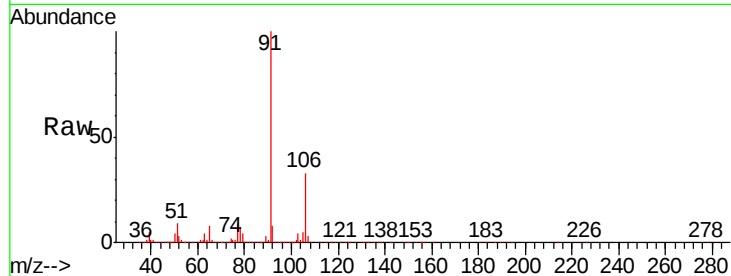
VX0102WBS01

Tgt Ion: 91 Resp: 489334

Ion Ratio Lower Upper

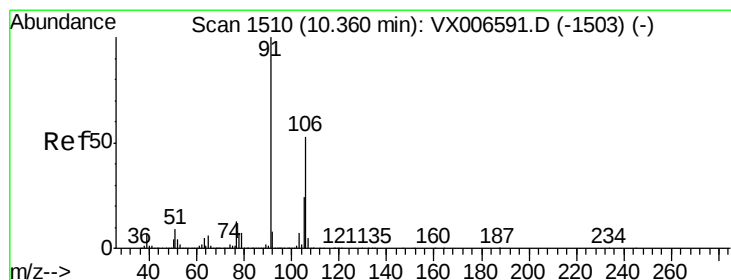
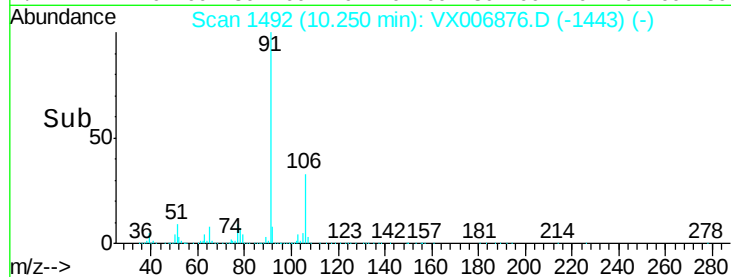
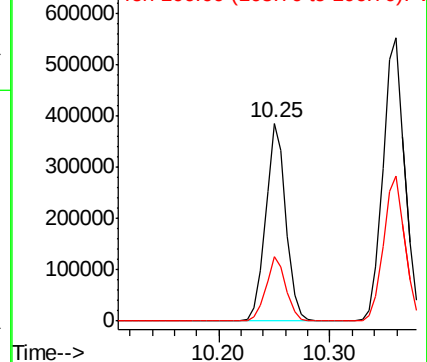
91 100

106 32.7 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: 37.825 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006876.D

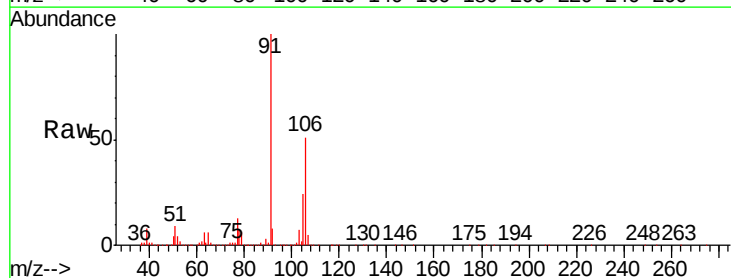
Acq: 02 Jan 2019 12:45

Tgt Ion: 106 Resp: 381065

Ion Ratio Lower Upper

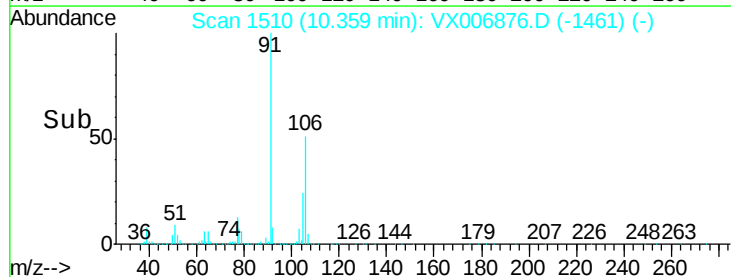
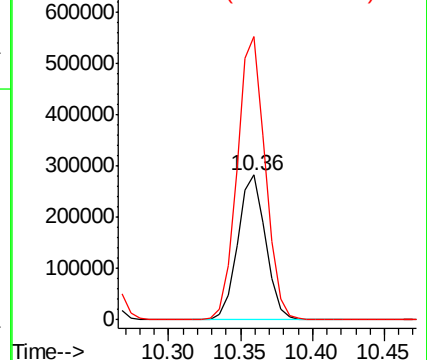
106 100

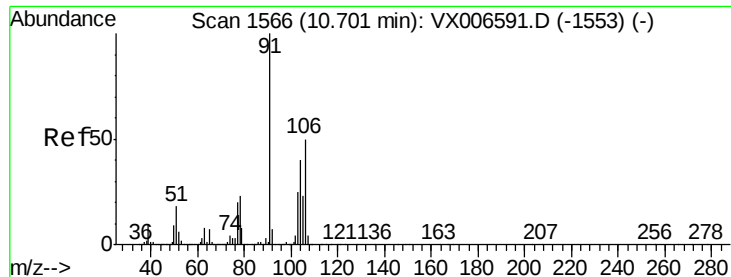
91 198.3 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

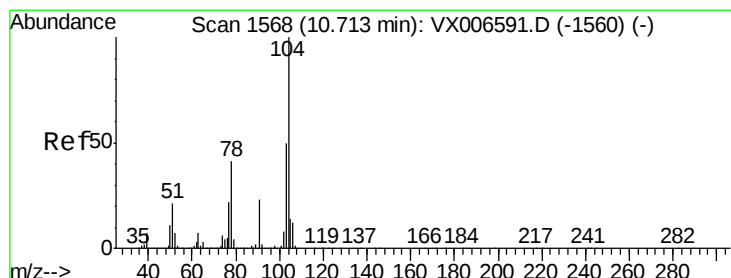
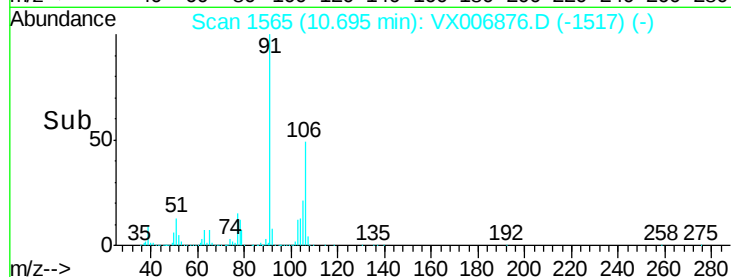
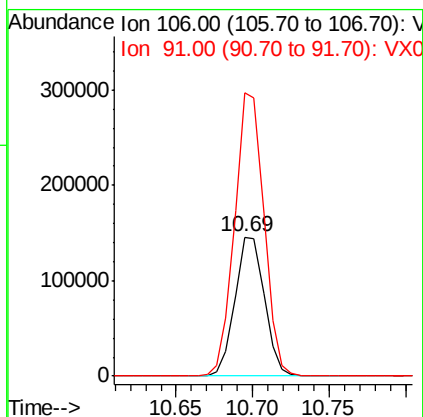
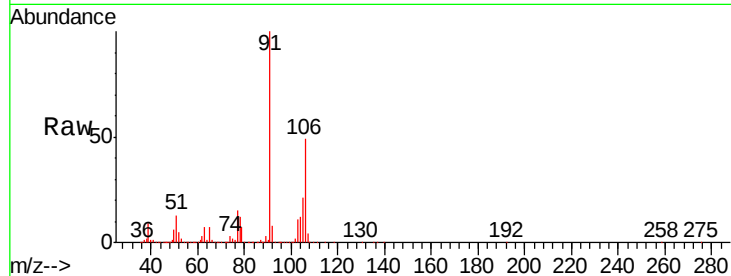




#69
o-Xylene
Concen: 19.631 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

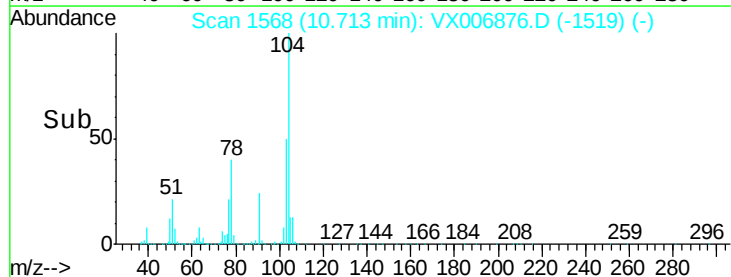
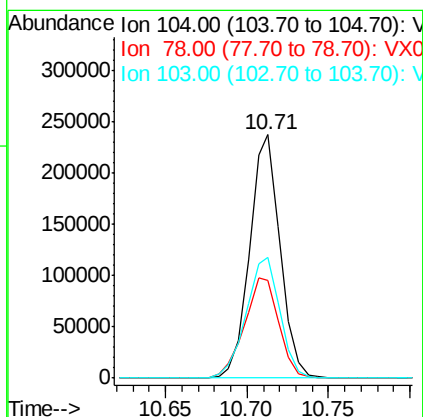
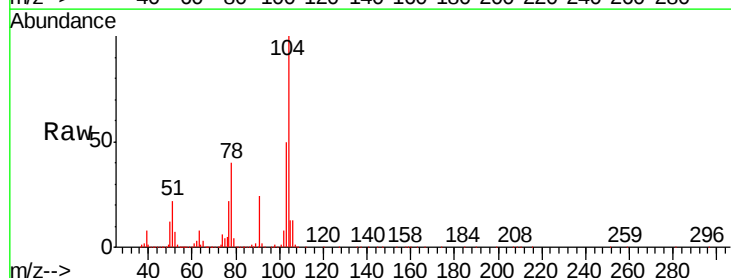
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

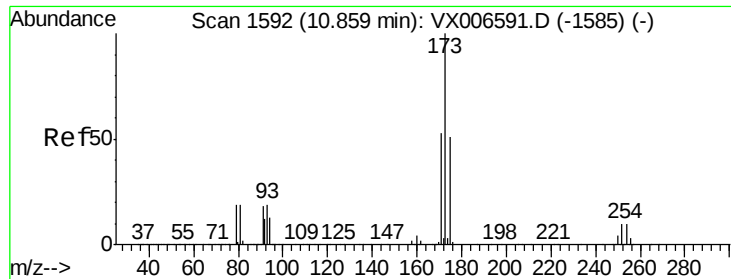
Tgt Ion:106 Resp: 195289
Ion Ratio Lower Upper
106 100
91 202.6 101.3 303.7



#70
Styrene
Concen: 19.564 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion:104 Resp: 307913
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 55.2 43.8 65.8





#71

Bromoform

Concen: 20.144 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

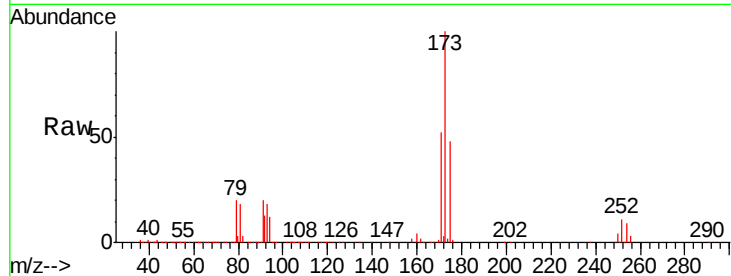
Tgt Ion:173 Resp: 75715

Ion Ratio Lower Upper

173 100

175 48.6 24.7 74.1

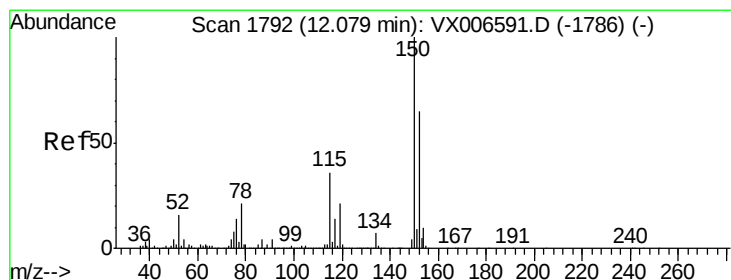
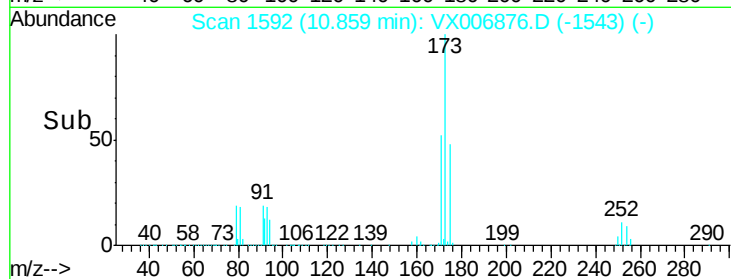
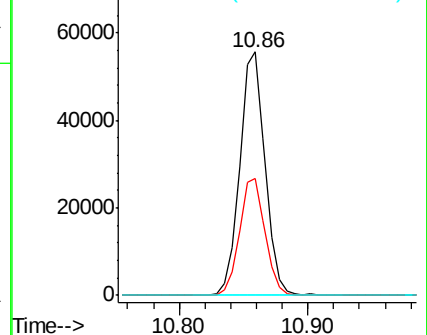
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

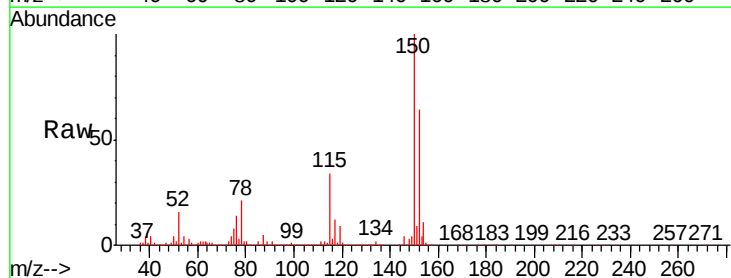
Tgt Ion:152 Resp: 376519

Ion Ratio Lower Upper

152 100

115 63.3 39.1 117.2

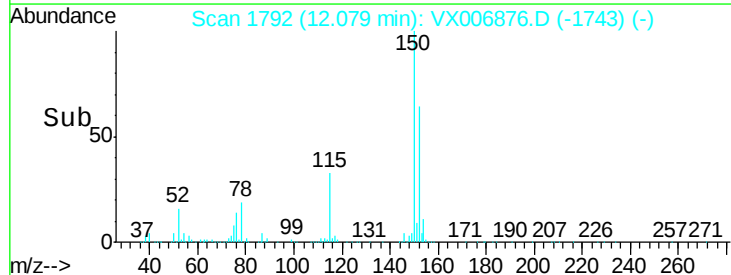
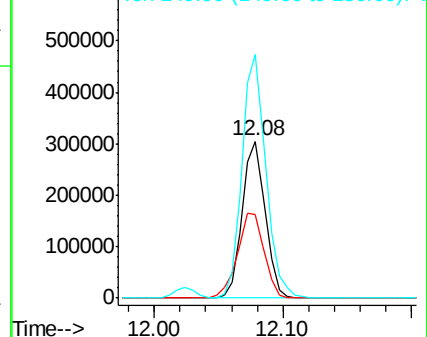
150 161.6 0.0 344.8

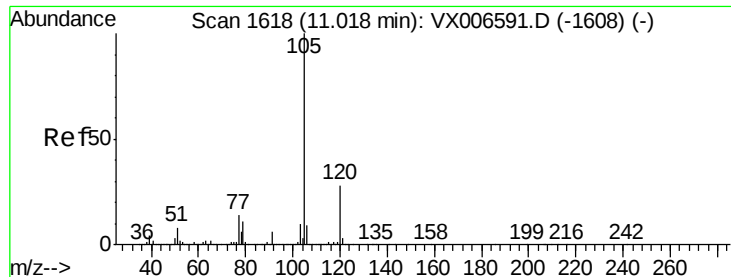


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.518 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

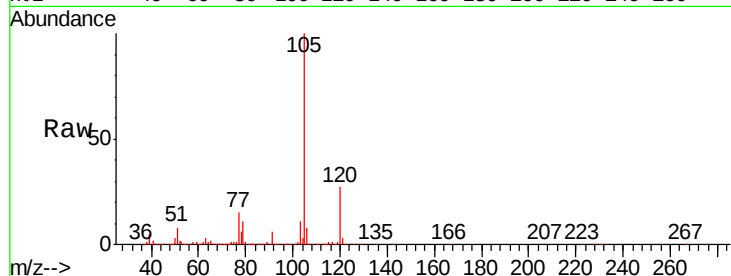
VX0102WBS01

Tgt Ion:105 Resp: 502745

Ion Ratio Lower Upper

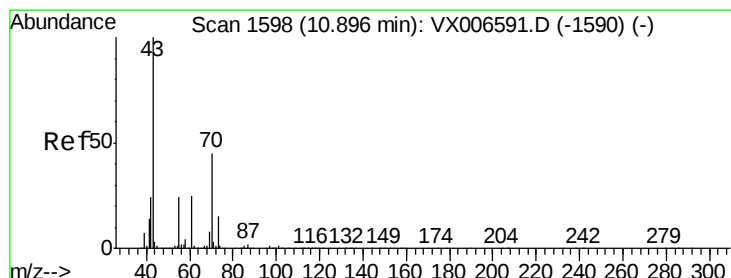
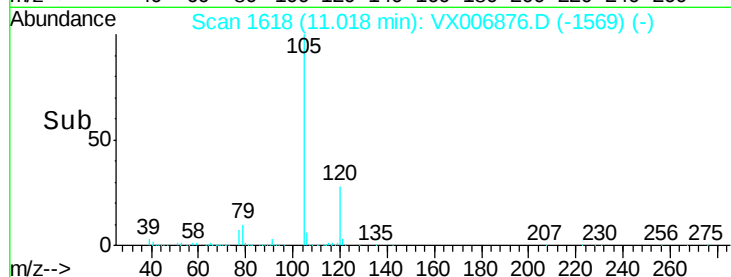
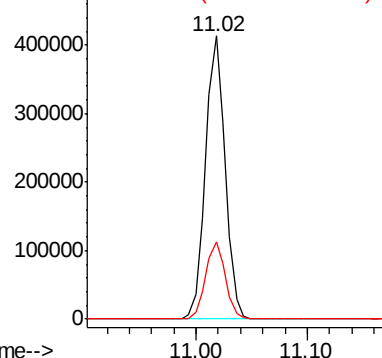
105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.682 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Tgt Ion: 43 Resp: 209130

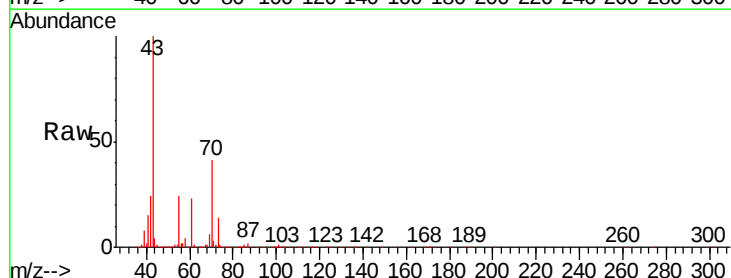
Ion Ratio Lower Upper

43 100

70 41.5 35.8 53.8

55 24.0 19.4 29.0

61 23.8 20.1 30.1

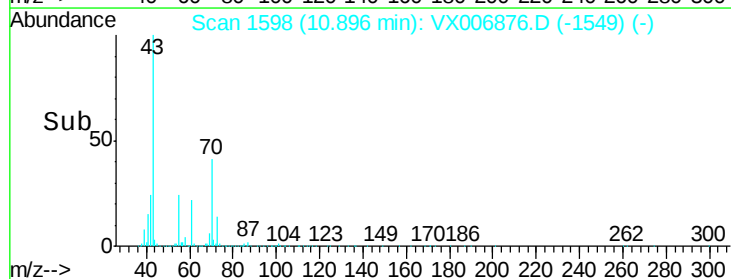
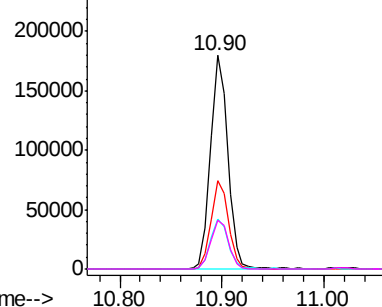


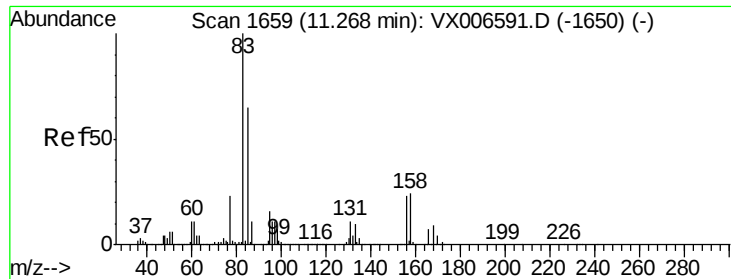
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.102 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

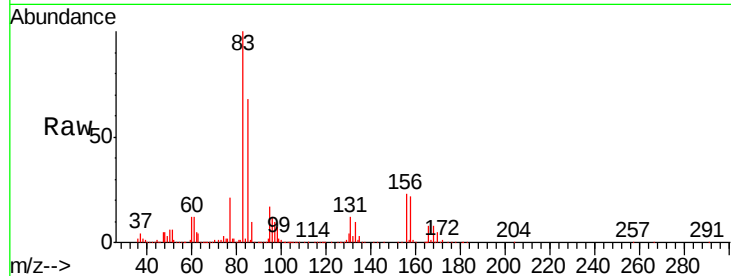
Tgt Ion: 83 Resp: 161657

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

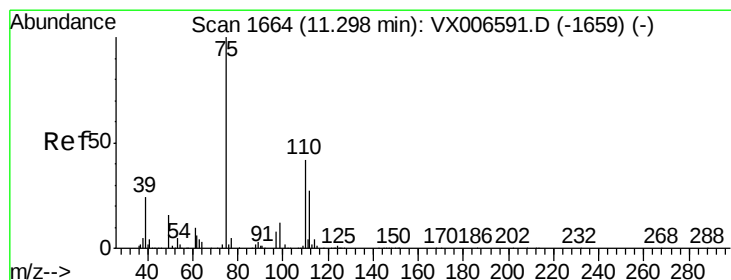
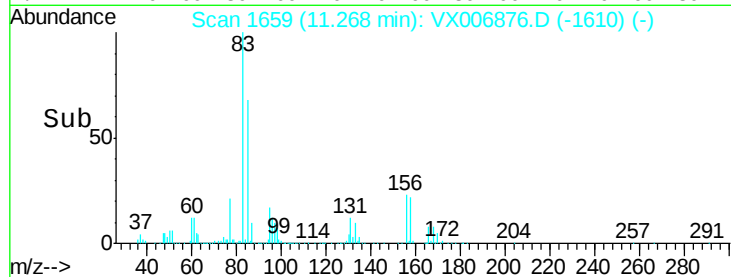
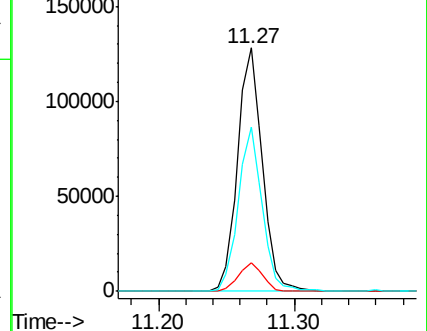
85 65.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.316 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006876.D

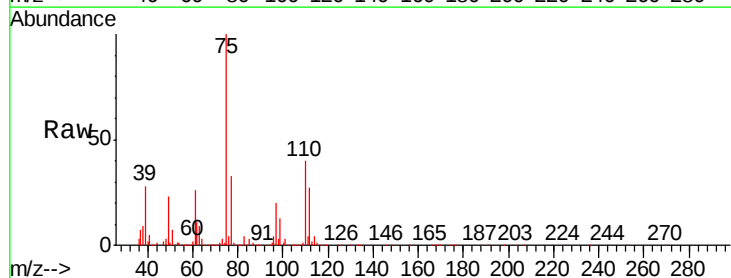
Acq: 02 Jan 2019 12:45

Tgt Ion: 75 Resp: 177141

Ion Ratio Lower Upper

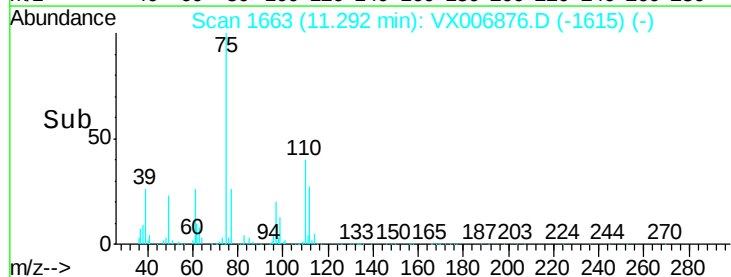
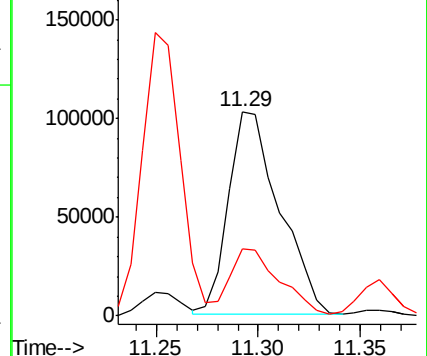
75 100

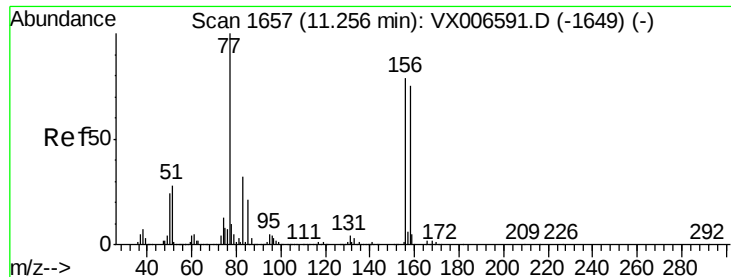
77 33.1 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.061 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

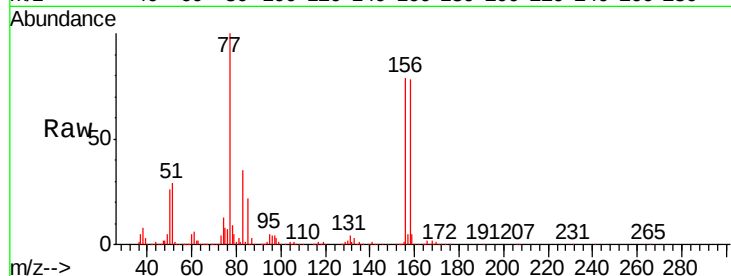
Tgt Ion:156 Resp: 139701

Ion Ratio Lower Upper

156 100

77 133.2 68.0 204.0

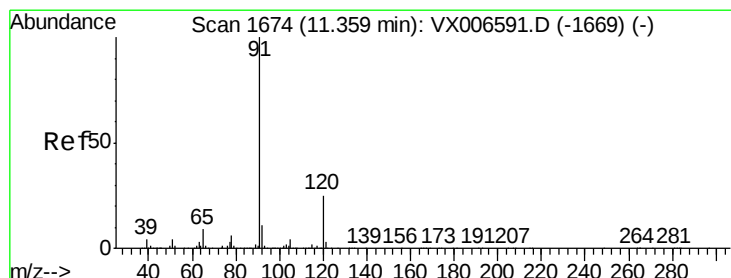
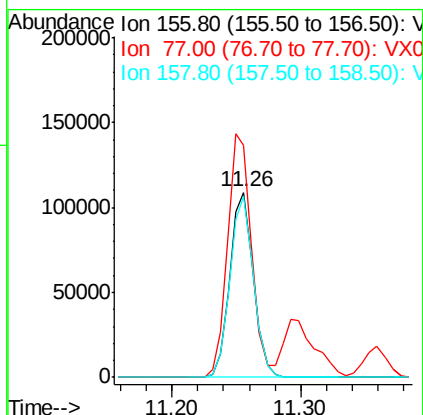
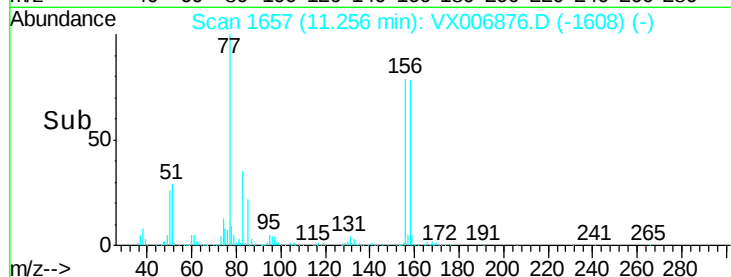
158 98.1 48.3 144.8



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: 19.587 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006876.D

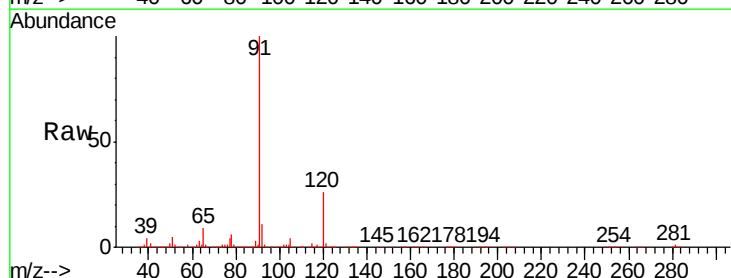
Acq: 02 Jan 2019 12:45

Tgt Ion: 91 Resp: 555577

Ion Ratio Lower Upper

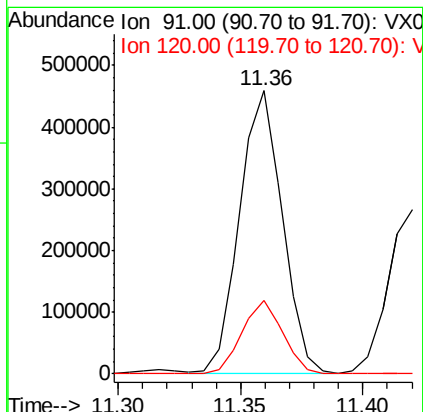
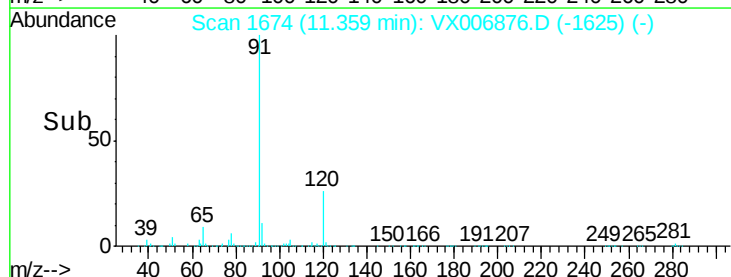
91 100

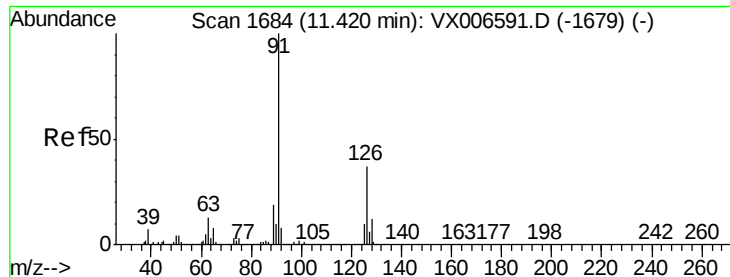
120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.191 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

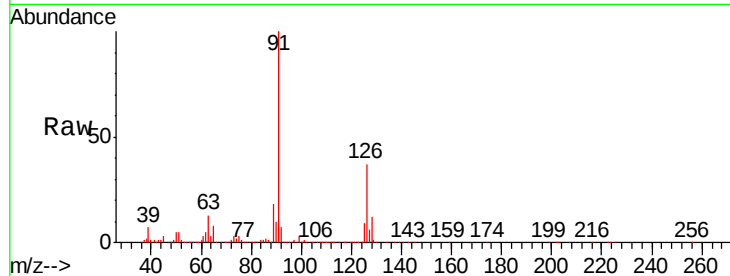
VX0102WBS01

Tgt Ion: 91 Resp: 329878

Ion Ratio Lower Upper

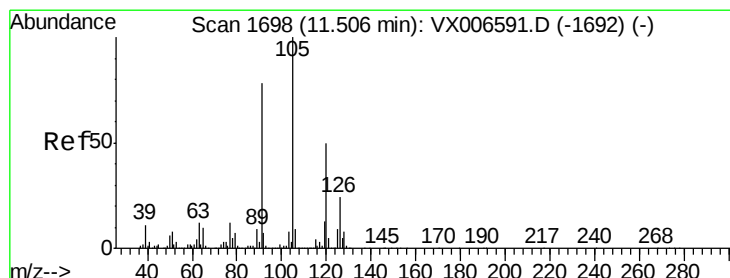
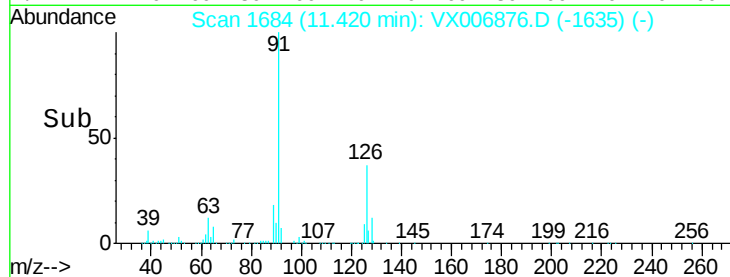
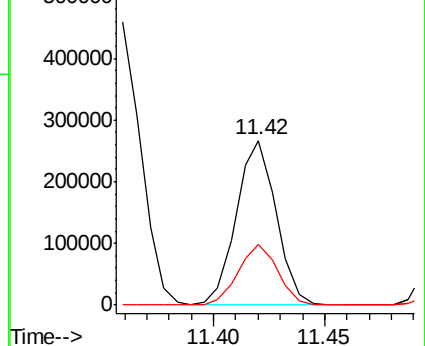
91 100

126 37.0 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.392 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006876.D

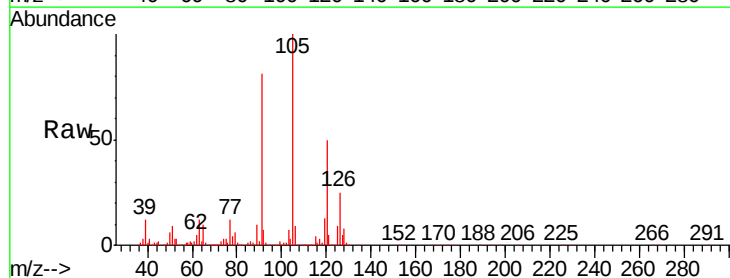
Acq: 02 Jan 2019 12:45

Tgt Ion: 105 Resp: 411433

Ion Ratio Lower Upper

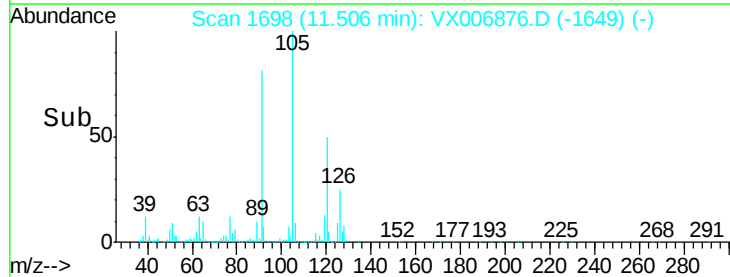
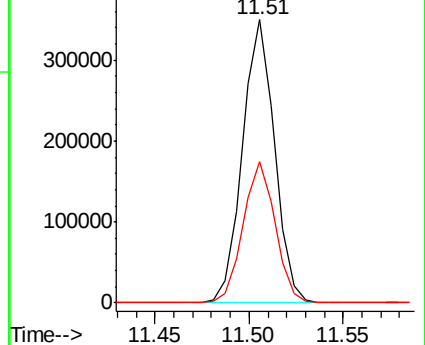
105 100

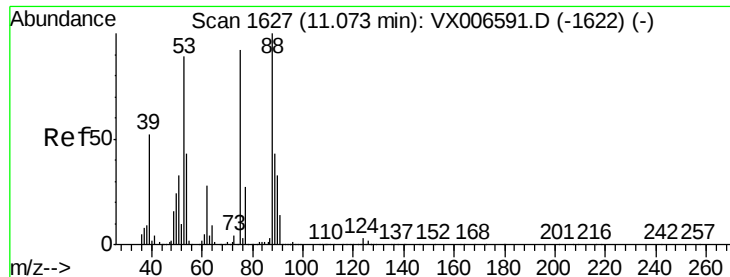
120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

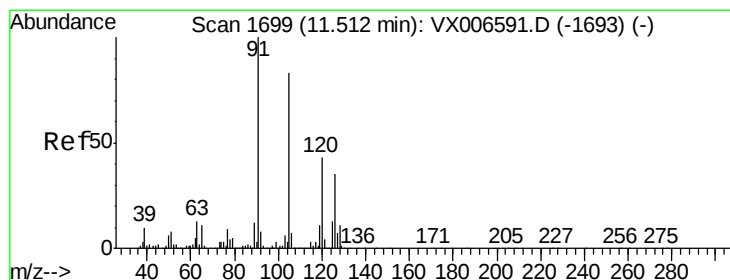
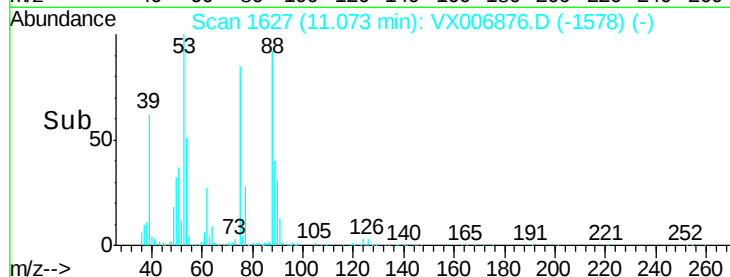
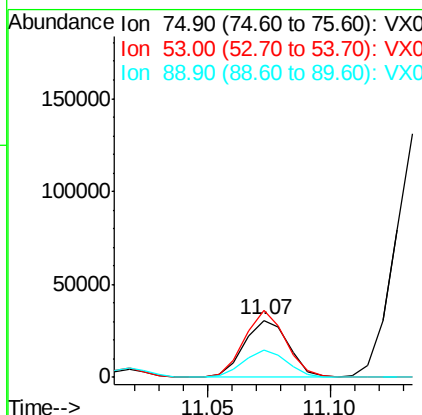
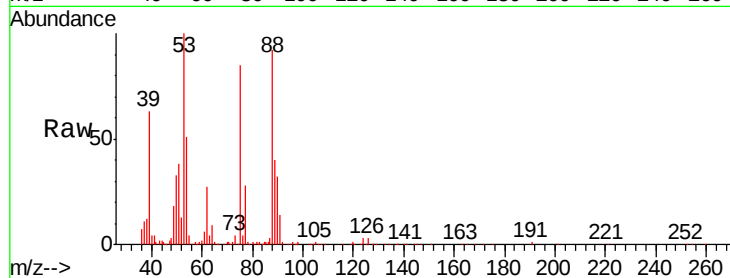




#81
trans-1,4-Dichloro-2-butene
Concen: 19.637 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

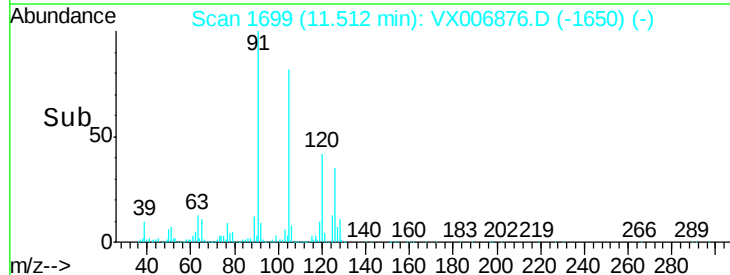
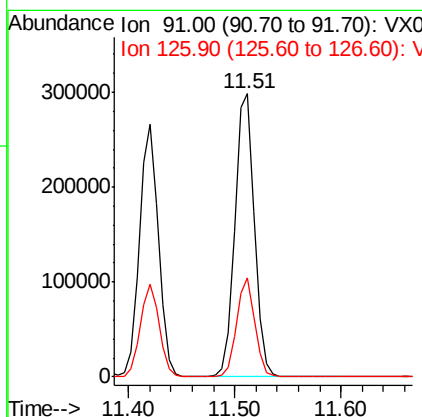
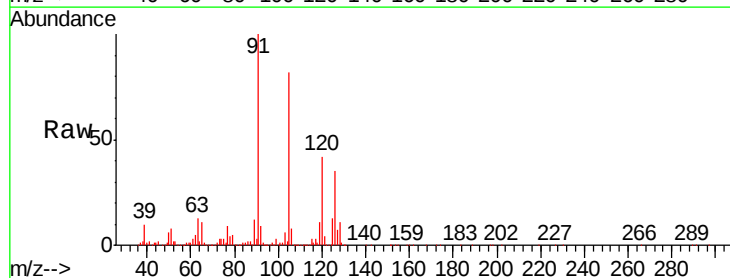
Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

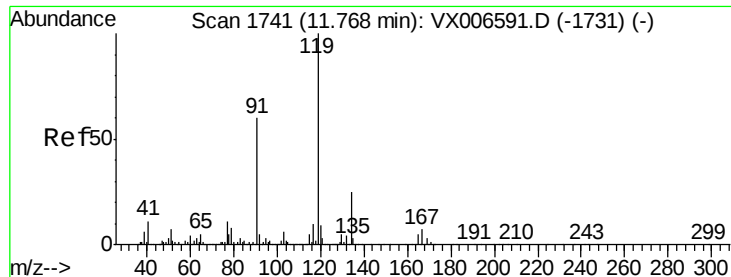
Tgt Ion: 75 Resp: 38695
Ion Ratio Lower Upper
75 100
53 110.6 79.7 119.5
89 48.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.454 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion: 91 Resp: 383585
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9

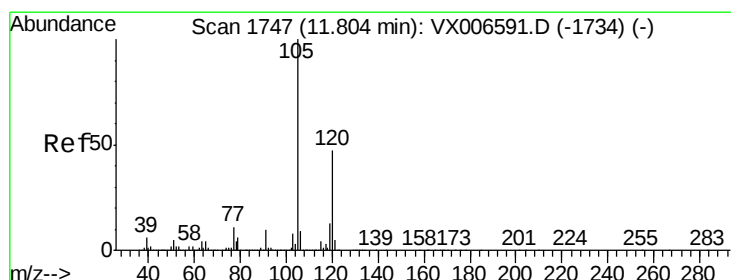
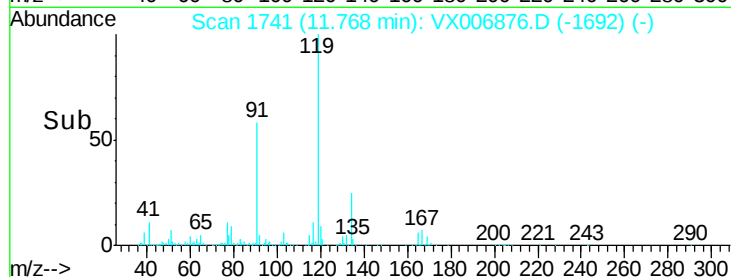
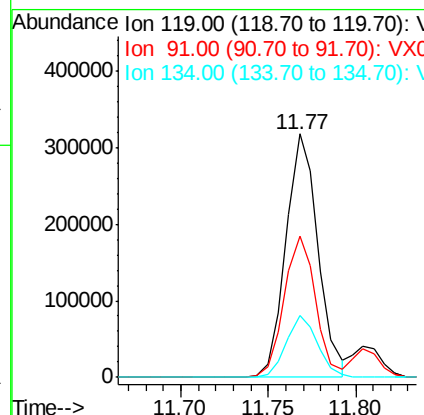
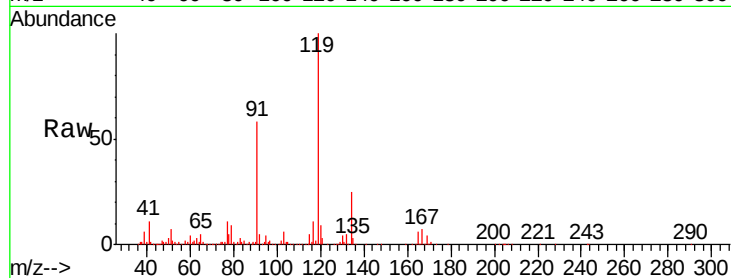




#83
 tert-Butylbenzene
 Concen: 19.147 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

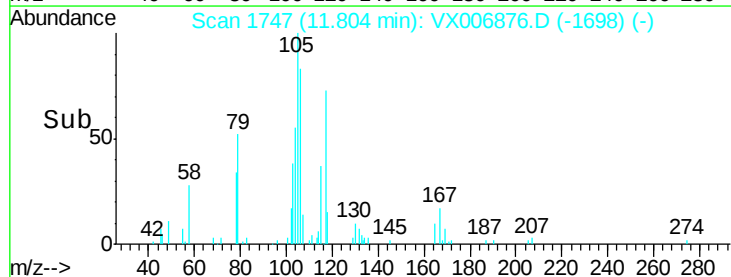
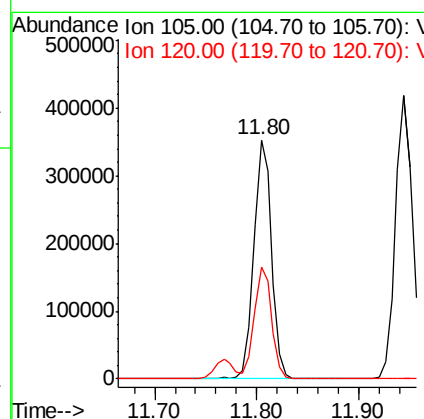
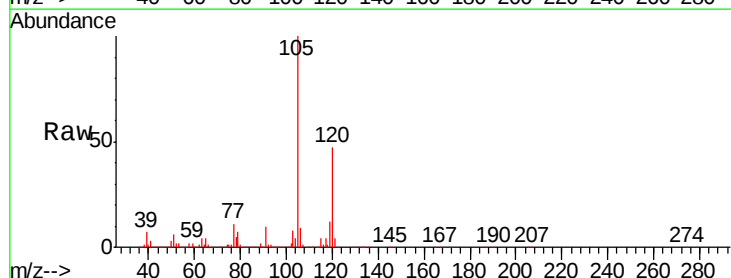
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

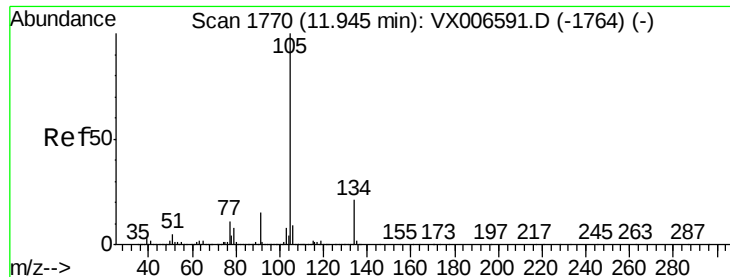
Tgt Ion:119 Resp: 406576
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.7 83.1
 134 24.8 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.162 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion:105 Resp: 427616
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.854 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

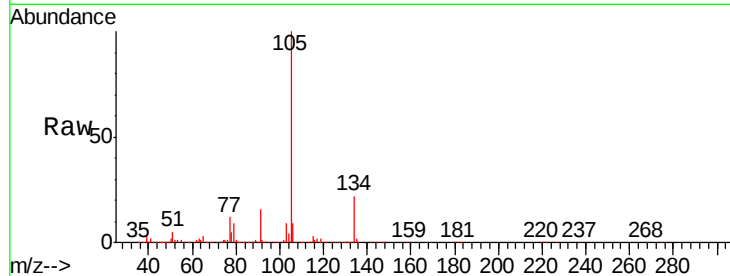
VX0102WBS01

Tgt Ion:105 Resp: 490859

Ion Ratio Lower Upper

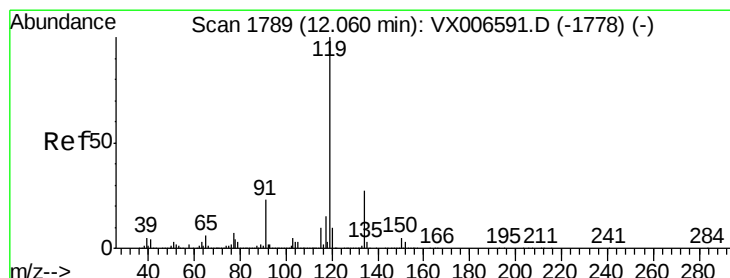
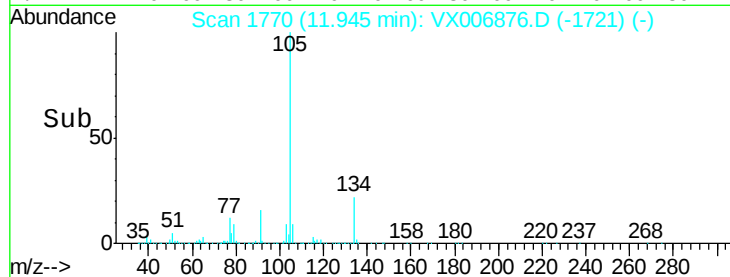
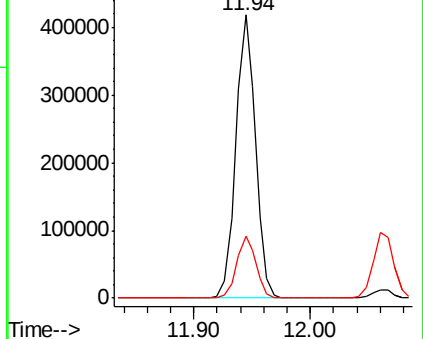
105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.244 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

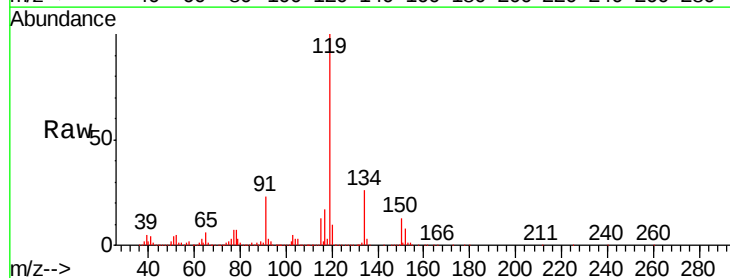
Tgt Ion:119 Resp: 440407

Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

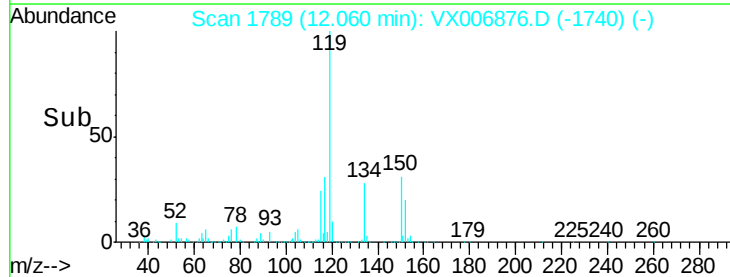
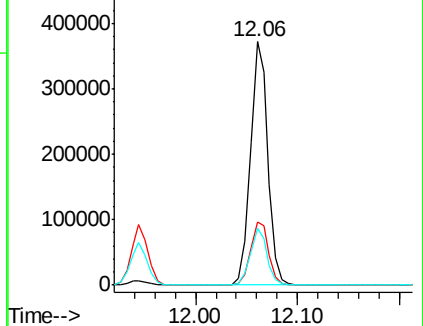
91 22.5 11.3 33.9

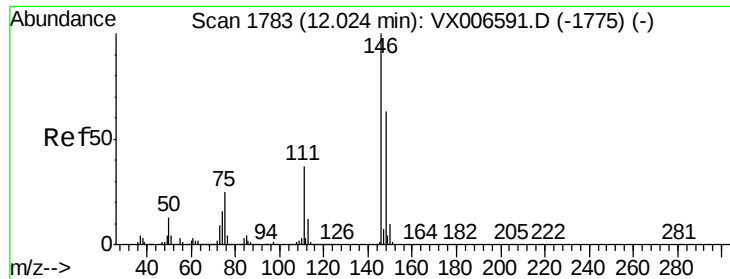


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.334 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VX0102WBS01

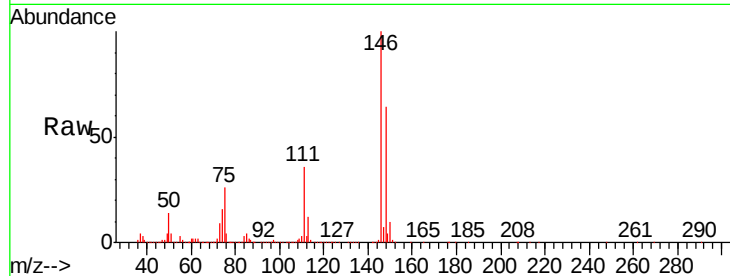
Tgt Ion:146 Resp: 242655

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

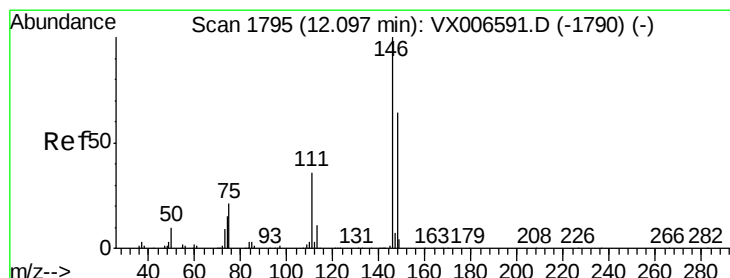
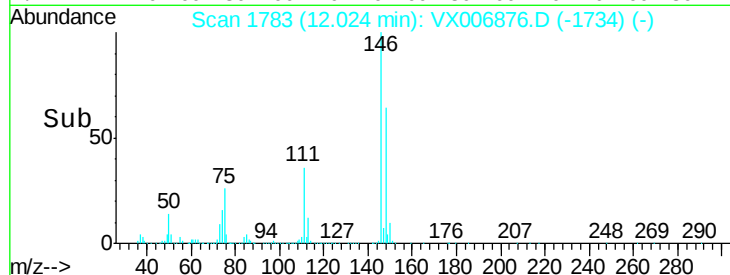
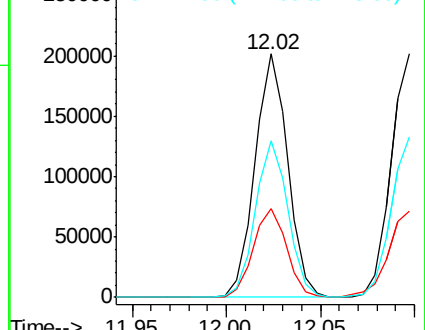
148 63.9 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.879 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

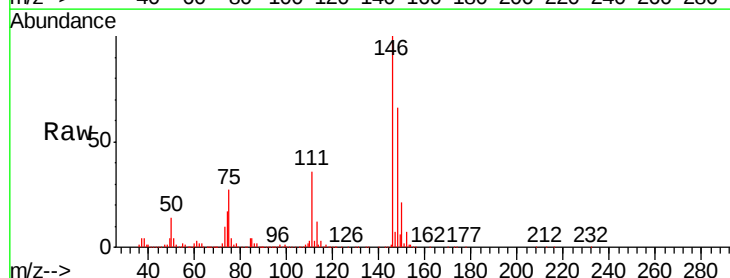
Tgt Ion:146 Resp: 242907

Ion Ratio Lower Upper

146 100

111 37.9 18.1 54.1

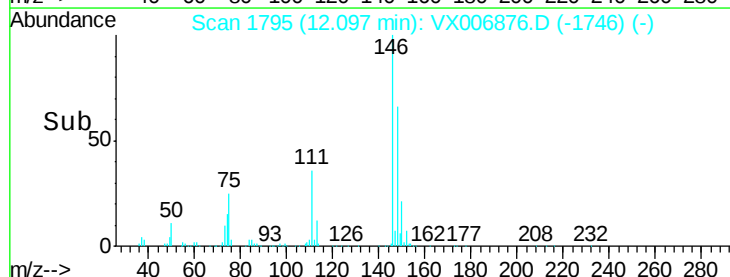
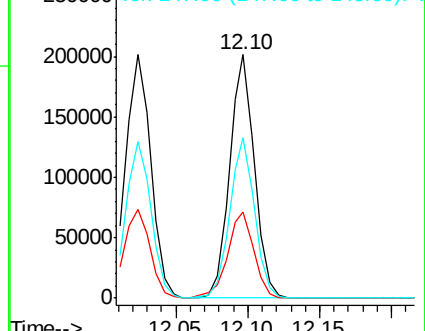
148 66.4 31.9 95.9

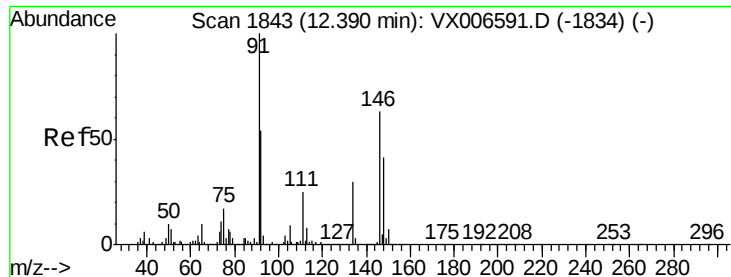


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.593 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0102WBS01

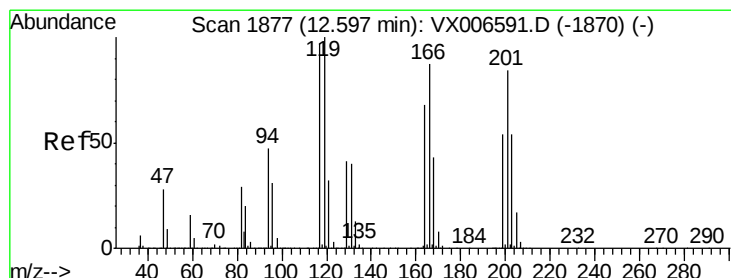
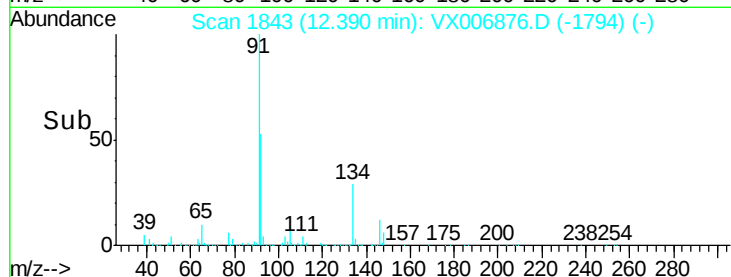
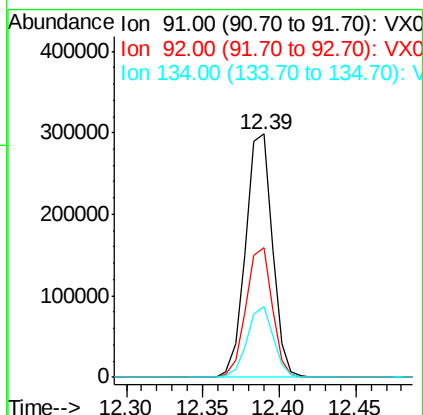
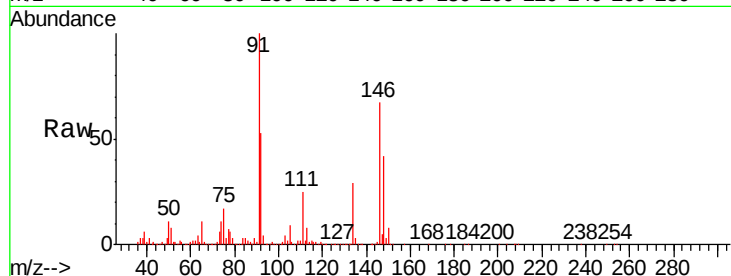
Tgt Ion: 91 Resp: 362135

Ion Ratio Lower Upper

91 100

92 52.8 26.8 80.4

134 28.3 14.4 43.2



#90

Hexachloroethane

Concen: 19.192 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006876.D

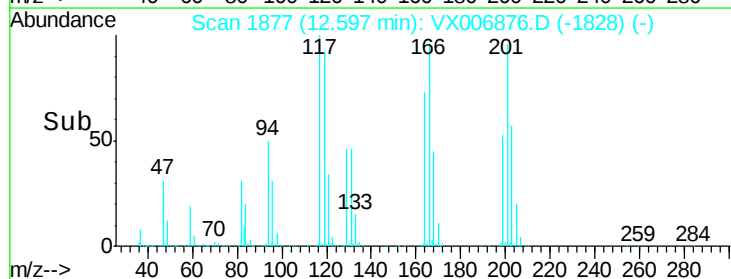
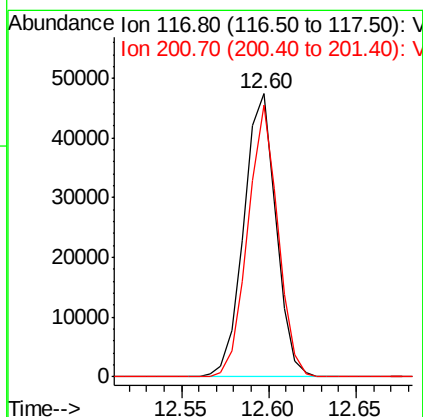
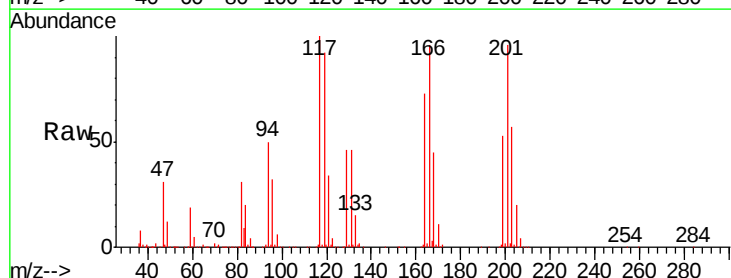
Acq: 02 Jan 2019 12:45

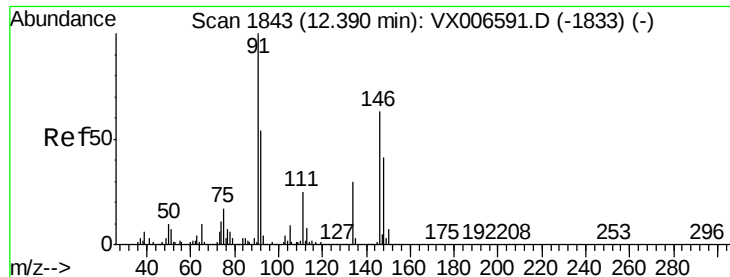
Tgt Ion: 117 Resp: 60957

Ion Ratio Lower Upper

117 100

201 89.7 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.509 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

VX0102WBS01

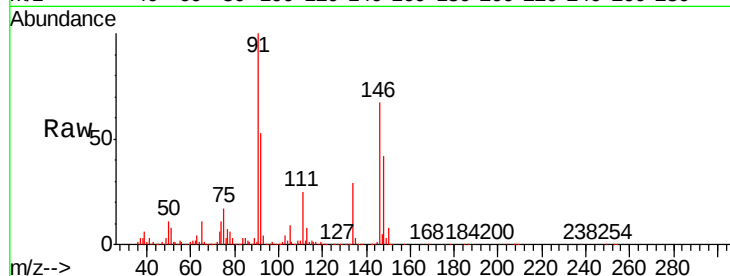
Tgt Ion:146 Resp: 244933

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.2

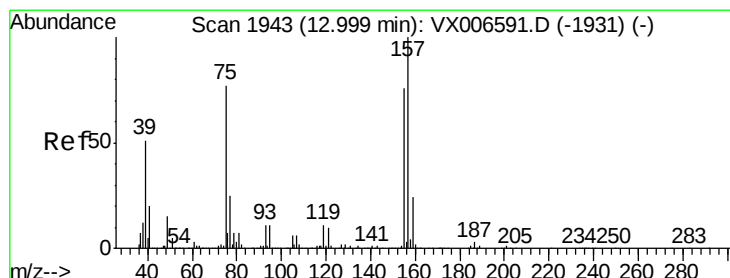
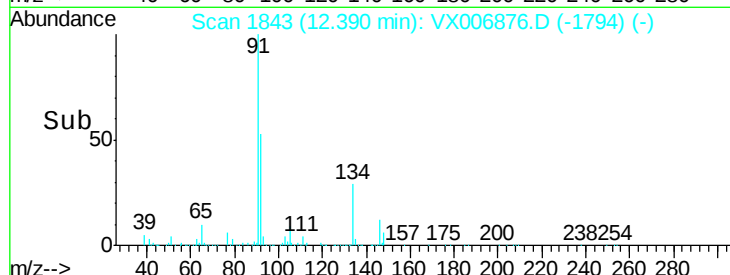
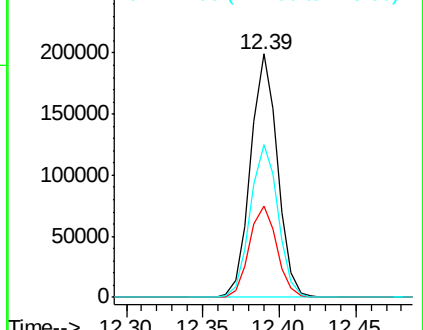
148 64.4 32.3 96.9



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: 20.095 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006876.D

Acq: 02 Jan 2019 12:45

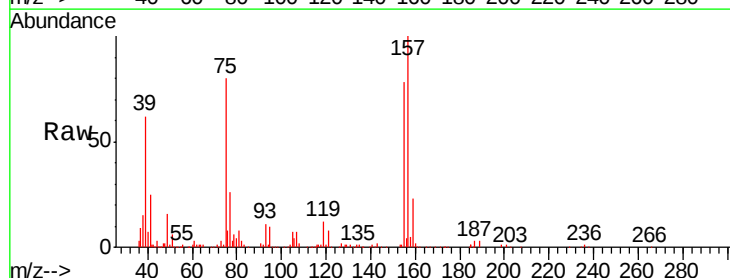
Tgt Ion: 75 Resp: 31852

Ion Ratio Lower Upper

75 100

155 97.0 50.6 151.8

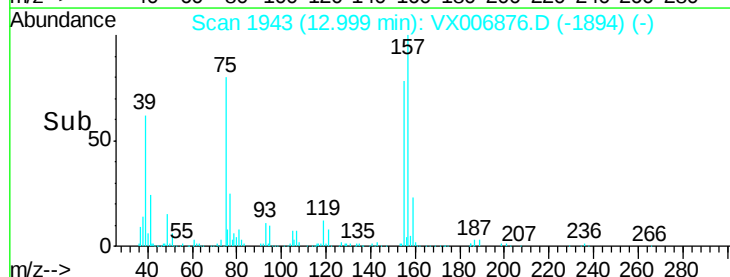
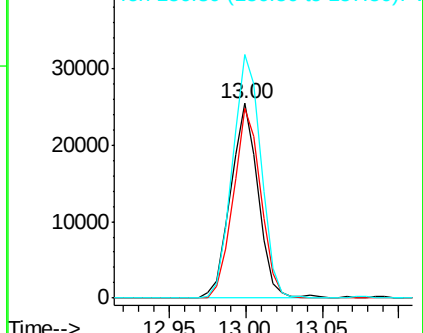
157 128.8 64.6 193.8

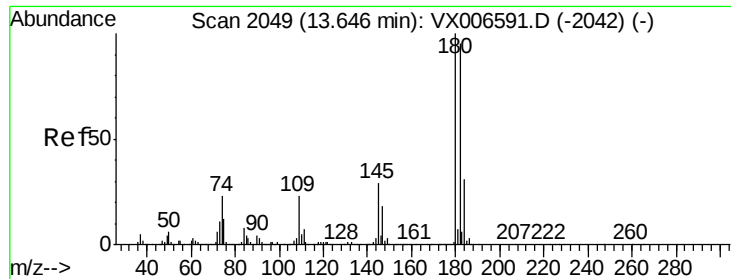


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

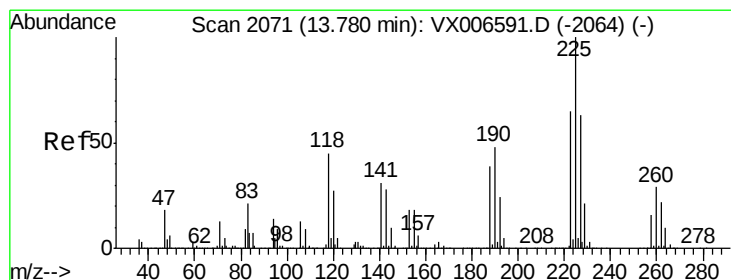
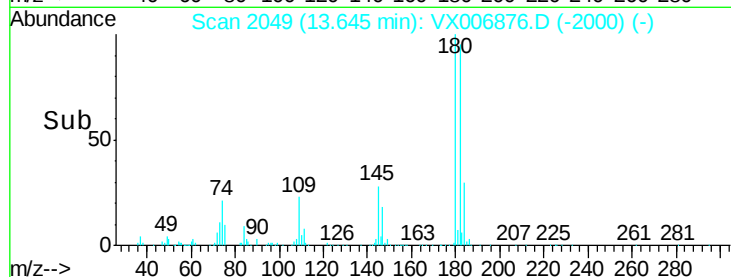
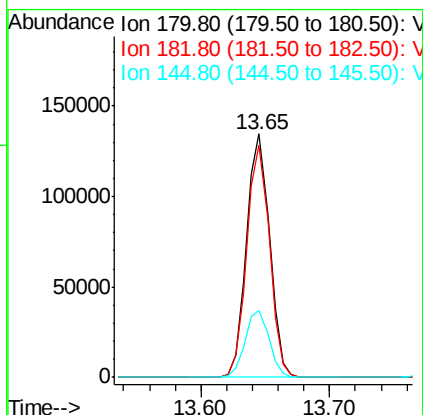
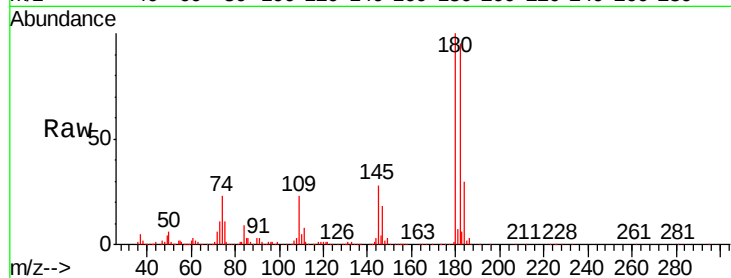




#93
 1,2,4-Trichlorobenzene
 Concen: 19.168 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

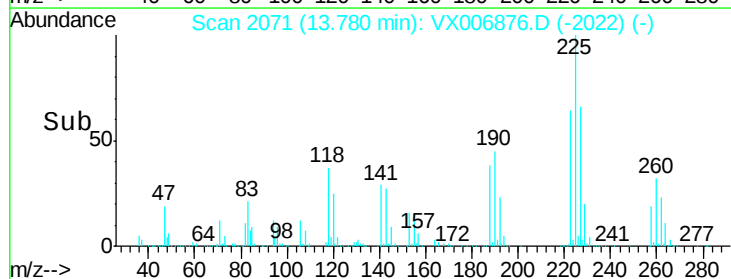
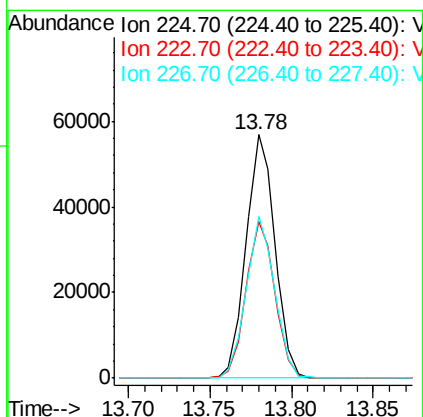
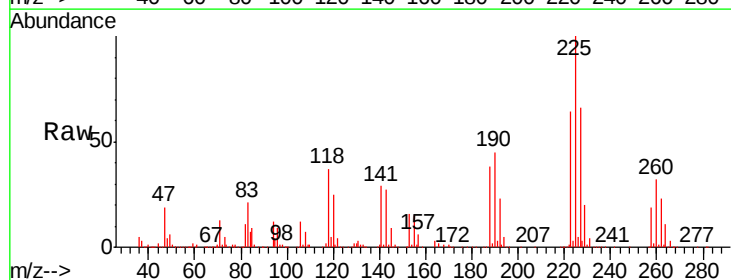
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

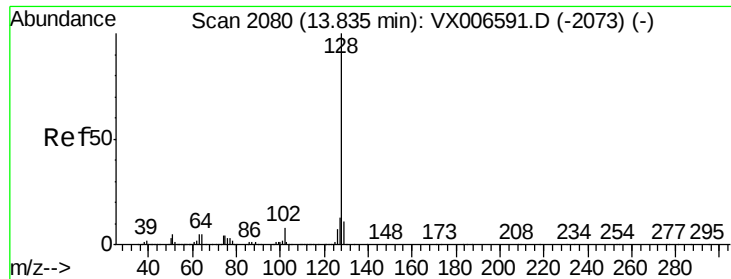
Tgt Ion:180 Resp: 166004
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.3 142.0
 145 28.6 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 17.216 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006876.D
 Acq: 02 Jan 2019 12:45

Tgt Ion:225 Resp: 70277
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.1 96.3
 227 64.9 32.3 96.8

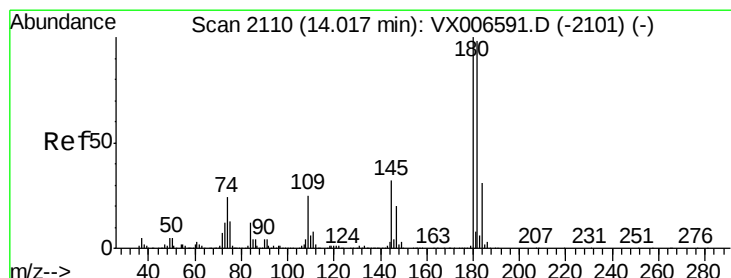
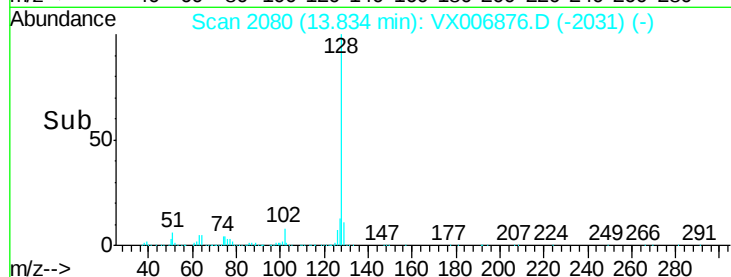
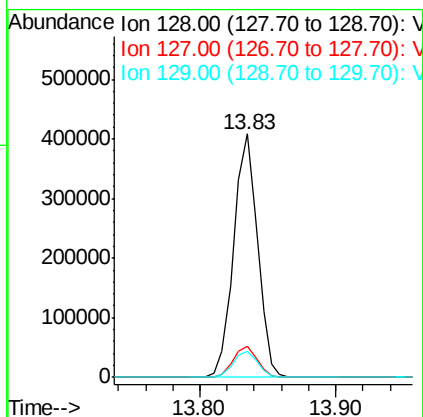
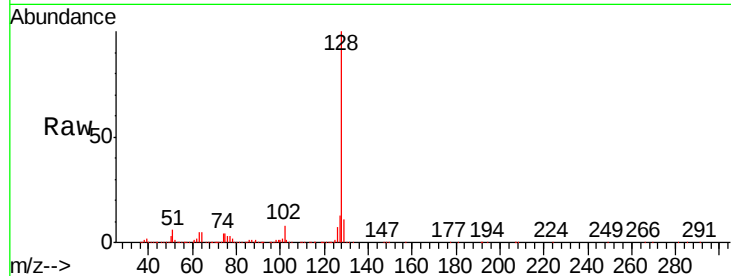




#95
Naphthalene
Concen: 18.049 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0102WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.221 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006876.D
Acq: 02 Jan 2019 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.5	145.5
145	31.1	16.0	47.9

