

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004673.D
 Acq On : 18 Sep 2018 22:56
 Operator : JC/MD
 Sample : VX0918WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Quant Time: Sep 19 05:41:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	266145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164312	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	5.50	113	144200	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
50) Toluene-d8	8.71	98	495330	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	11.14	95	180151	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47163	18.908	ug/l	99
3) Chloromethane	1.32	50	62484	18.202	ug/l	99
4) Vinyl Chloride	1.40	62	66737	18.942	ug/l	96
5) Bromomethane	1.64	94	33120	21.784	ug/l	99
6) Chloroethane	1.72	64	40623	17.830	ug/l	98
7) Trichlorofluoromethane	1.93	101	86923	18.610	ug/l	98
8) Diethyl Ether	2.19	74	40879	19.523	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55069	18.586	ug/l	93
10) Methyl Iodide	2.51	142	53654	18.116	ug/l	96
11) Tert butyl alcohol	3.07	59	87607	106.988	ug/l	98
12) 1,1-Dichloroethene	2.37	96	52818	18.993	ug/l	97
13) Acrolein	2.29	56	16530	51.139	ug/l	95
14) Allyl chloride	2.73	41	102861	17.992	ug/l	95
15) Acrylonitrile	3.15	53	187918	95.298	ug/l	99
16) Acetone	2.45	43	144692	86.387	ug/l	91
17) Carbon Disulfide	2.57	76	137873	17.153	ug/l	99
18) Methyl Acetate	2.78	43	95796	20.386	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	201125	20.612	ug/l	99
20) Methylene Chloride	2.85	84	62924	18.314	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	60773	19.777	ug/l	89
22) Diisopropyl ether	3.87	45	199917	19.415	ug/l	92
23) Vinyl Acetate	3.82	43	790433	94.858	ug/l	98
24) 1,1-Dichloroethane	3.70	63	111177	19.124	ug/l	98
25) 2-Butanone	4.70	43	230052	86.302	ug/l	93
26) 2,2-Dichloropropane	4.59	77	66408	16.631	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	67008	19.534	ug/l	98
28) Bromochloromethane	5.01	49	49929	18.776	ug/l	97
29) Tetrahydrofuran	5.15	42	152646	94.955	ug/l	98
30) Chloroform	5.21	83	106615	18.785	ug/l	99
31) Cyclohexane	5.57	56	97023	19.545	ug/l	87
32) 1,1,1-Trichloroethane	5.50	97	89700	19.623	ug/l	99
36) 1,1-Dichloropropene	5.79	75	80641	18.918	ug/l	98
37) Ethyl Acetate	4.85	43	86395	17.821	ug/l	98
38) Carbon Tetrachloride	5.78	117	74528	17.901	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004673.D
 Acq On : 18 Sep 2018 22:56
 Operator : JC/MD
 Sample : VX0918WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Quant Time: Sep 19 05:41:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81952	18.424	ug/l	98
40) Benzene	6.14	78	239725	18.955	ug/l	95
41) Methacrylonitrile	5.06	41	48824	18.278	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76807	18.311	ug/l	100
43) Isopropyl Acetate	6.46	43	118245	18.364	ug/l	100
44) Trichloroethene	7.21	130	65213	19.847	ug/l	100
45) 1,2-Dichloropropane	7.51	63	57920	19.032	ug/l	100
46) Dibromomethane	7.66	93	36193	18.825	ug/l	98
47) Bromodichloromethane	7.90	83	67509	18.568	ug/l	98
48) Methyl methacrylate	7.77	41	58933	18.494	ug/l	95
49) 1,4-Dioxane	7.76	88	31114	412.529	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	389682	85.756	ug/l	100
52) Toluene	8.79	92	138529	18.591	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	72369	17.040	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	81759	18.884	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	56423	17.586	ug/l	99
56) Ethyl methacrylate	9.18	69	81950	18.055	ug/l	96
57) 1,3-Dichloropropane	9.37	76	92739	17.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	214000	97.120	ug/l	98
59) 2-Hexanone	9.50	43	297143	85.252	ug/l	99
60) Dibromochloromethane	9.59	129	54278	17.970	ug/l	100
61) 1,2-Dibromoethane	9.67	107	57953	18.908	ug/l	100
64) Tetrachloroethene	9.34	164	79174	19.912	ug/l	99
65) Chlorobenzene	10.14	112	154878	19.579	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	54730	20.063	ug/l	99
67) Ethyl Benzene	10.25	91	257257	20.000	ug/l	98
68) m/p-Xylenes	10.36	106	204569	41.288	ug/l	100
69) o-Xylene	10.70	106	97244	20.415	ug/l	98
70) Styrene	10.71	104	162223	20.557	ug/l	99
71) Bromoform	10.86	173	42850	19.131	ug/l #	100
73) Isopropylbenzene	11.02	105	265666	18.506	ug/l	100
74) N-amyl acetate	10.90	43	101053	16.724	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74580	16.107	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	93916	21.416	ug/l	86
77) Bromobenzene	11.26	156	72305	18.223	ug/l	99
78) n-propylbenzene	11.36	91	300077	18.180	ug/l	100
79) 2-Chlorotoluene	11.42	91	185438	18.524	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	235632	19.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21316	15.493	ug/l	98
82) 4-Chlorotoluene	11.51	91	230277	19.709	ug/l	99
83) tert-Butylbenzene	11.77	119	254363	22.139	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	278279	22.585	ug/l	98
85) sec-Butylbenzene	11.94	105	326772	22.319	ug/l	97
86) p-Isopropyltoluene	12.07	119	264187	20.434	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	150612	20.345	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	144182	18.849	ug/l	96
89) n-Butylbenzene	12.39	91	225315	19.124	ug/l	99
90) Hexachloroethane	12.60	117	40146	19.396	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	151788	20.257	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19562	19.786	ug/l	94

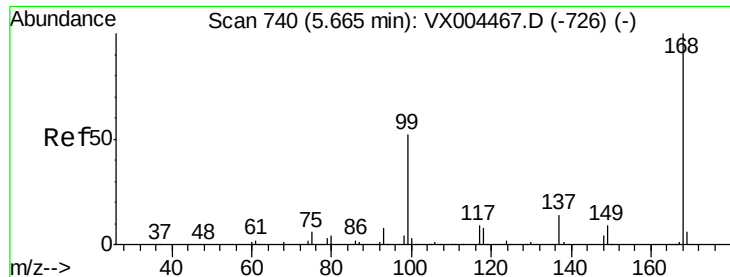
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004673.D
Acq On : 18 Sep 2018 22:56
Operator : JC/MD
Sample : VX0918WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Quant Time: Sep 19 05:41:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115937	21.852	ug/l	99
94) Hexachlorobutadiene	13.79	225	56784	20.489	ug/l	95
95) Naphthalene	13.83	128	335875	22.571	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	119479	21.920	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampled :

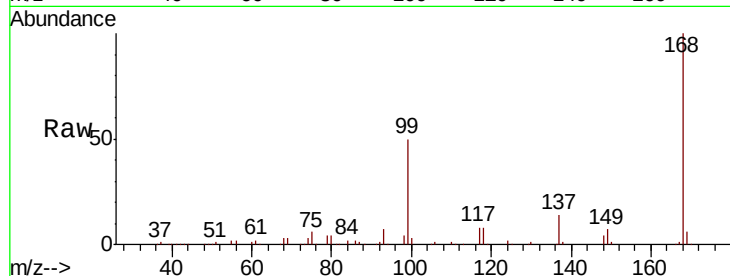
VX0918WBS02

Tgt Ion:168 Resp: 266145

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

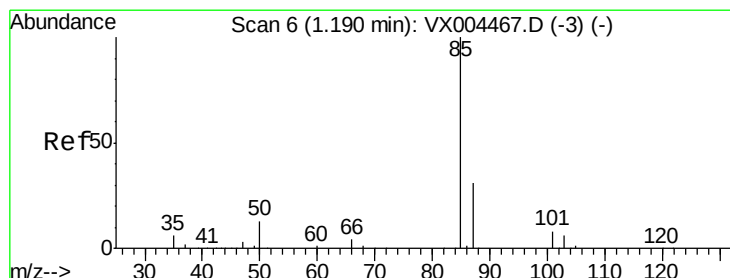
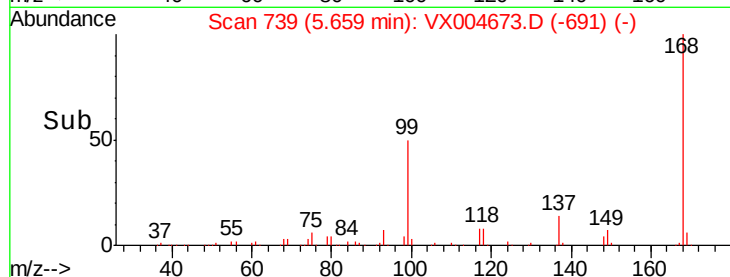
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.908 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004673.D

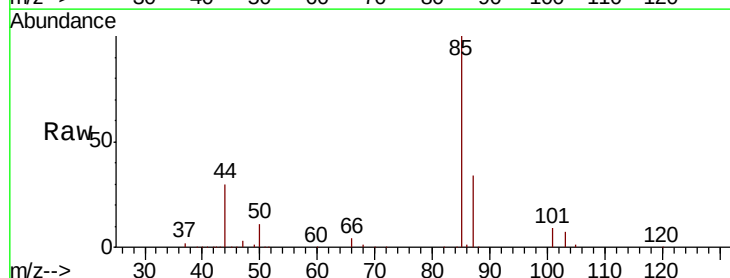
Acq: 18 Sep 2018 22:56

Tgt Ion: 85 Resp: 47163

Ion Ratio Lower Upper

85 100

87 34.5 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

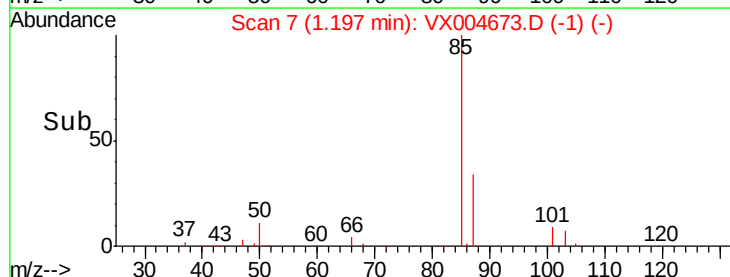
30000

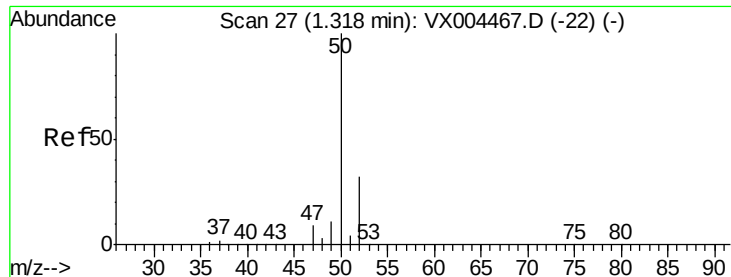
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.202 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

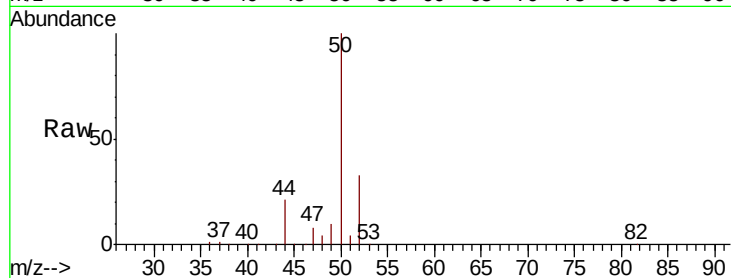
VX0918WBS02

Tgt Ion: 50 Resp: 62484

Ion Ratio Lower Upper

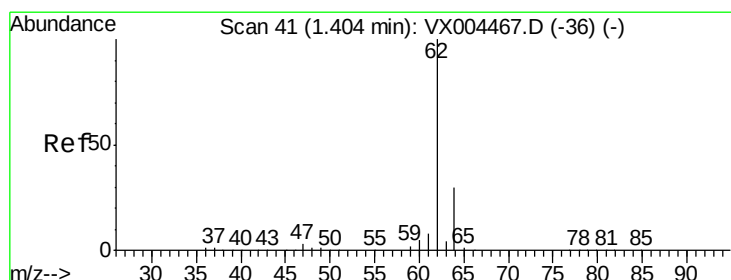
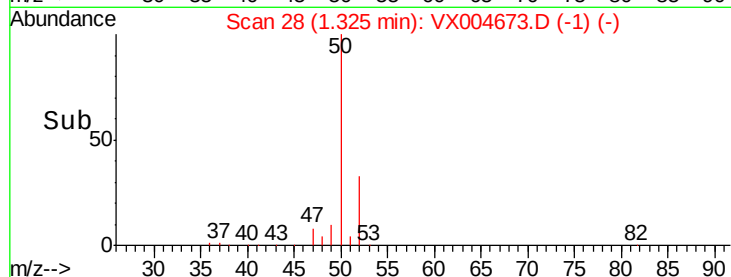
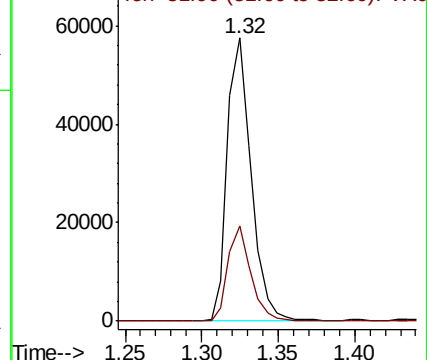
50 100

52 33.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.942 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004673.D

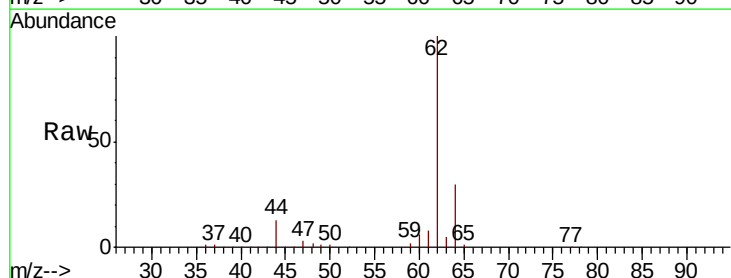
Acq: 18 Sep 2018 22:56

Tgt Ion: 62 Resp: 66737

Ion Ratio Lower Upper

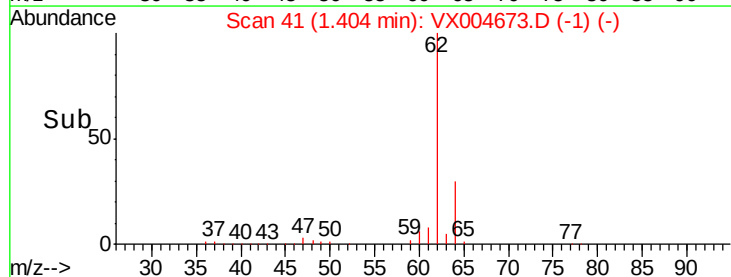
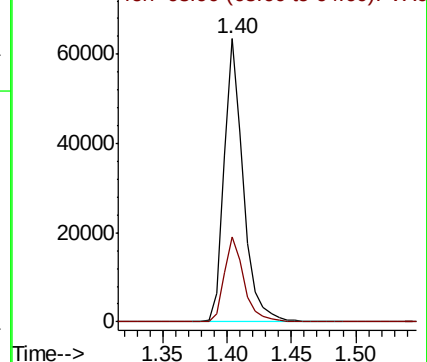
62 100

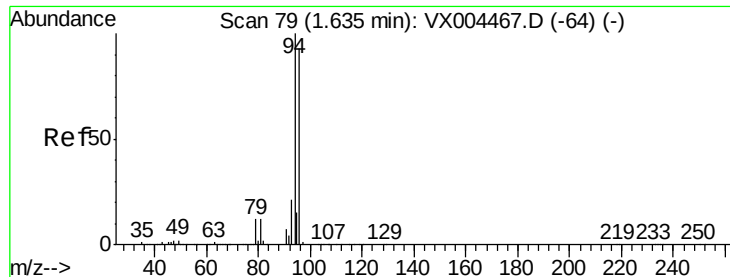
64 30.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.784 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

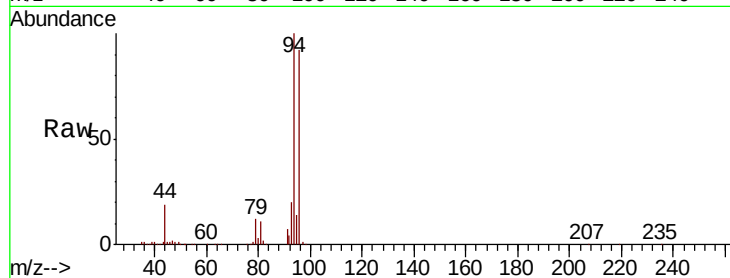
VX0918WBS02

Tgt Ion: 94 Resp: 33120

Ion Ratio Lower Upper

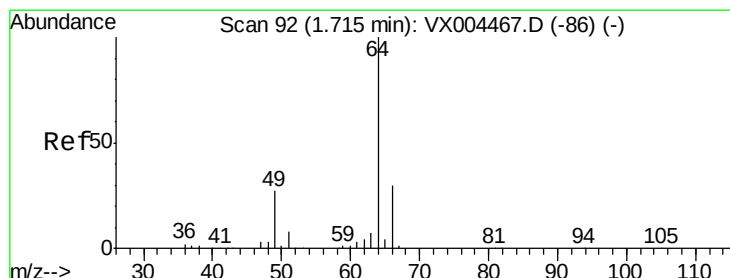
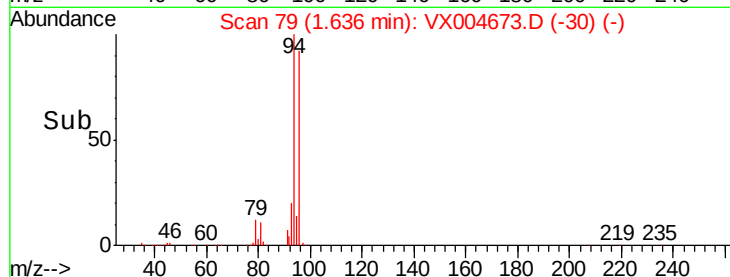
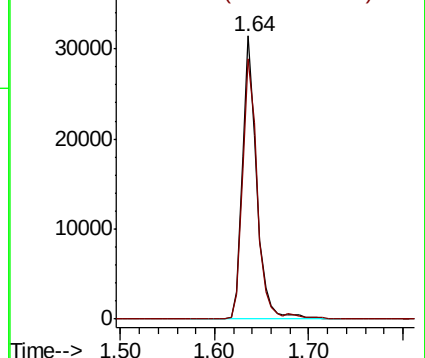
94 100

96 91.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.830 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004673.D

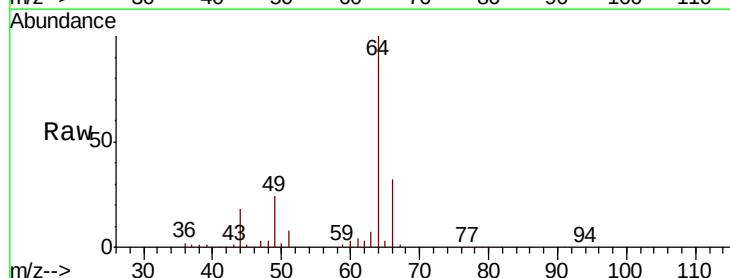
Acq: 18 Sep 2018 22:56

Tgt Ion: 64 Resp: 40623

Ion Ratio Lower Upper

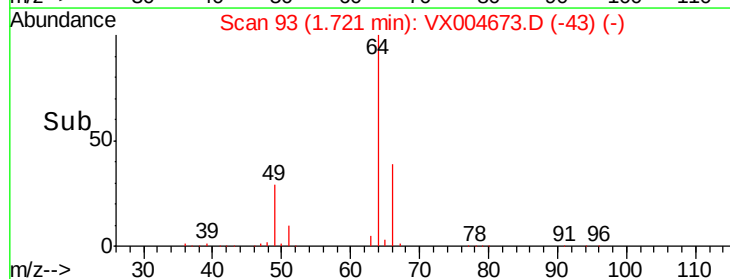
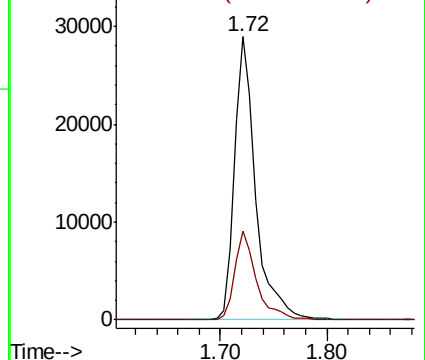
64 100

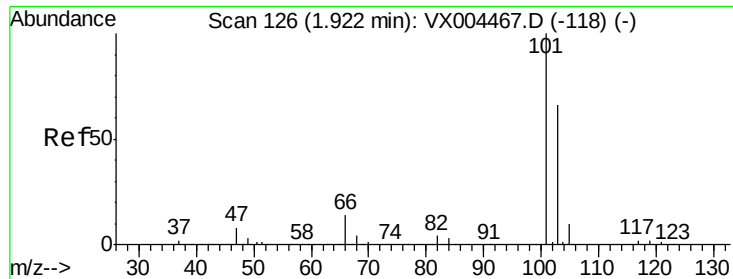
66 31.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



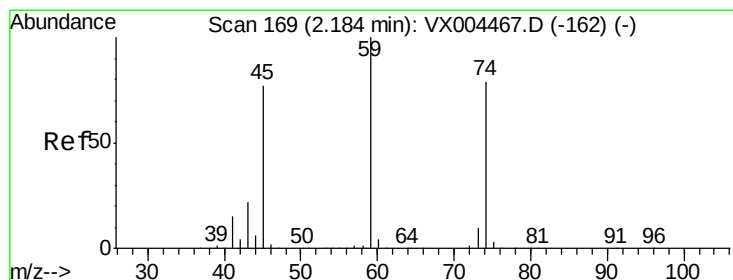
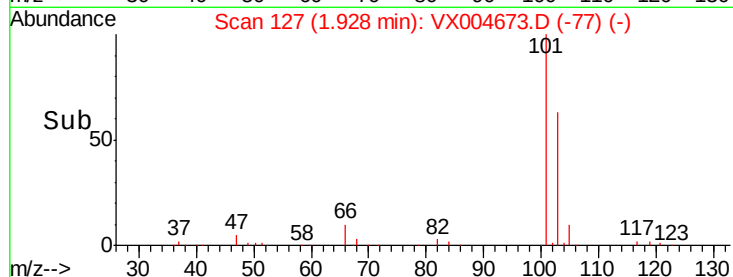
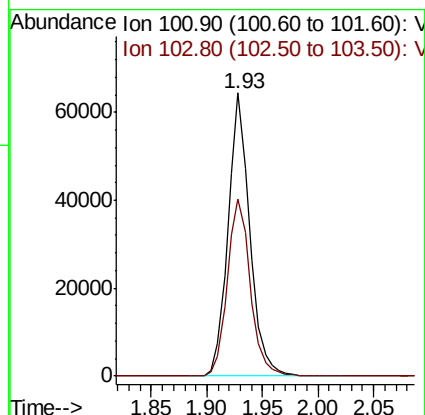
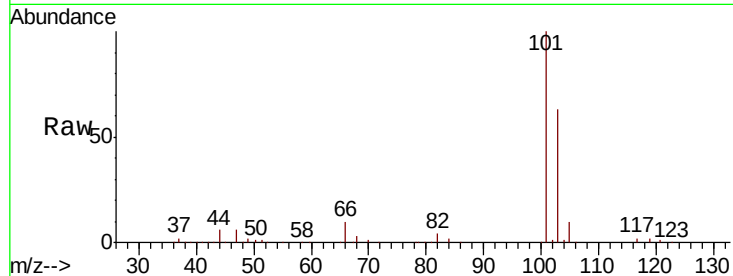


#7

Trichlorofluoromethane
Concen: 18.610 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

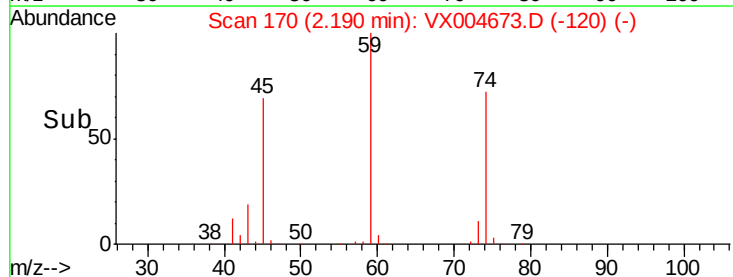
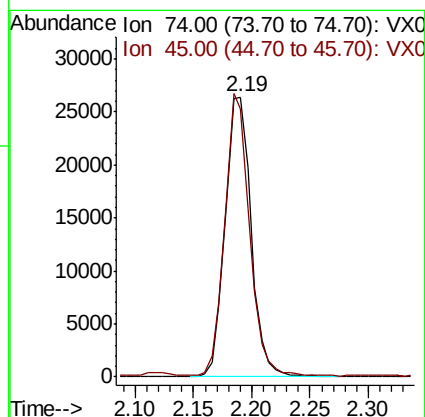
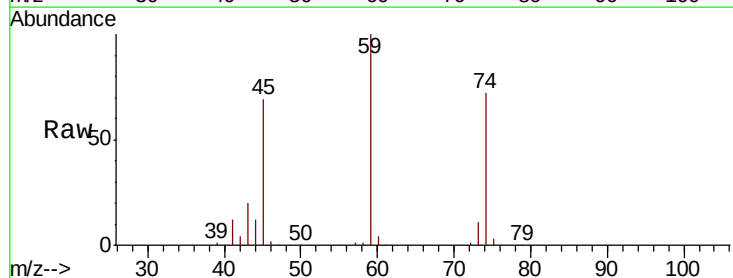
Tgt Ion:101 Resp: 86923
Ion Ratio Lower Upper
101 100
103 62.7 48.9 73.3

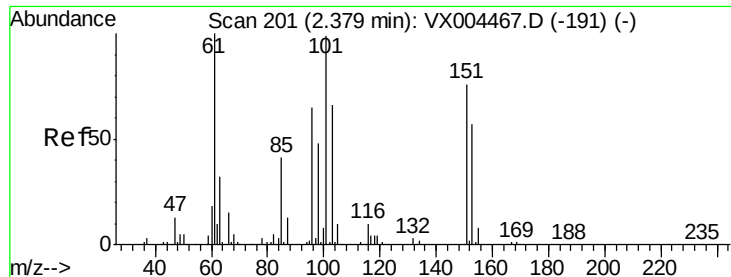


#8

Diethyl Ether
Concen: 19.523 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion: 74 Resp: 40879
Ion Ratio Lower Upper
74 100
45 96.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.586 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

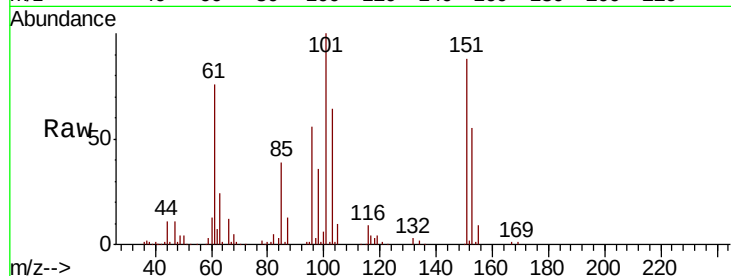
Tgt Ion:101 Resp: 55069

Ion Ratio Lower Upper

101 100

85 41.6 34.2 51.4

151 89.5 65.0 97.6

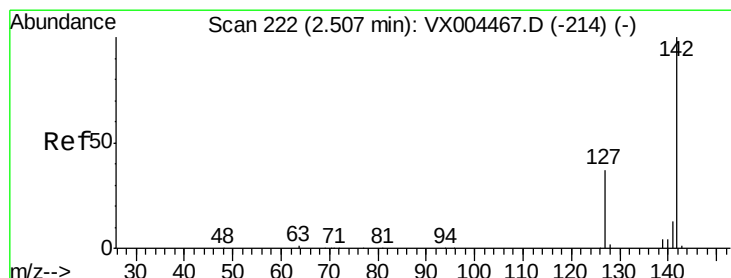
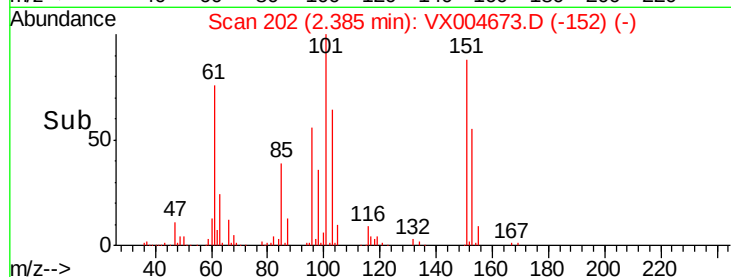
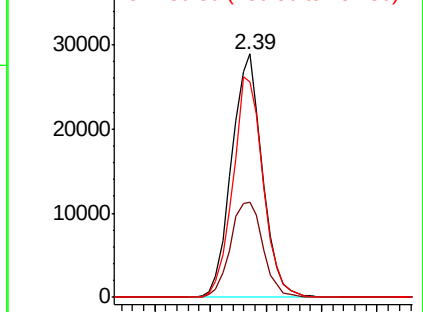


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.116 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

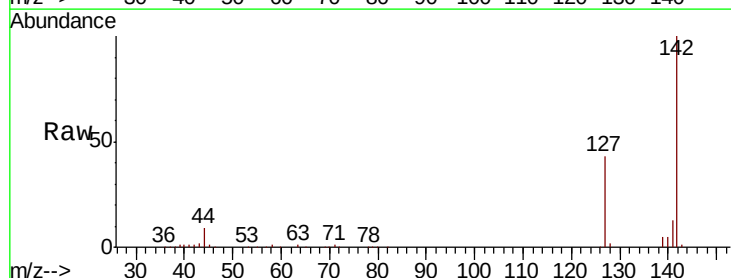
Tgt Ion:142 Resp: 53654

Ion Ratio Lower Upper

142 100

127 39.0 33.8 50.6

141 13.6 11.4 17.0

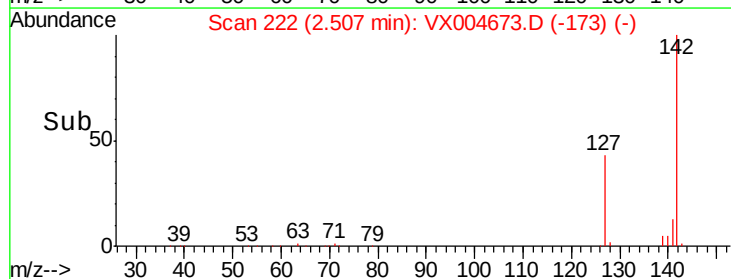
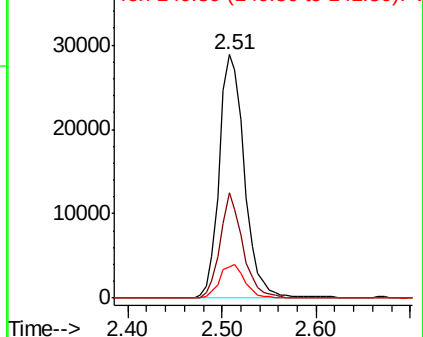


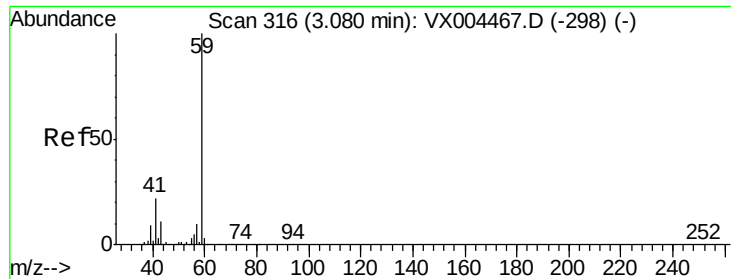
Abundance

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



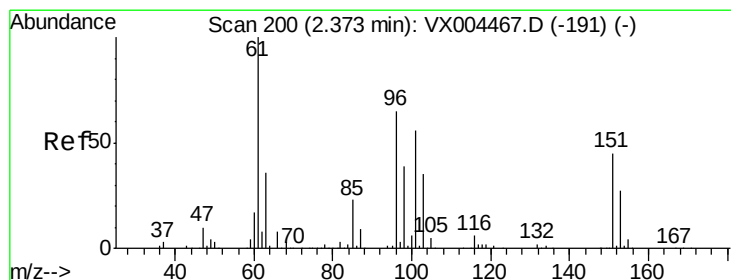
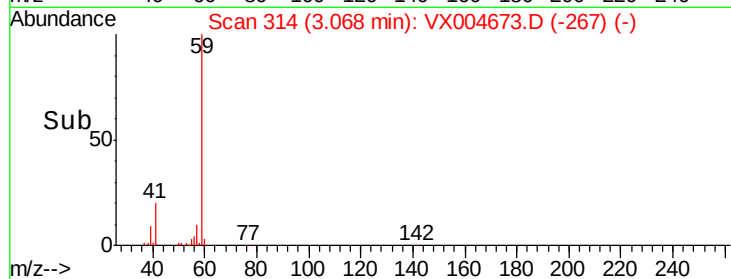
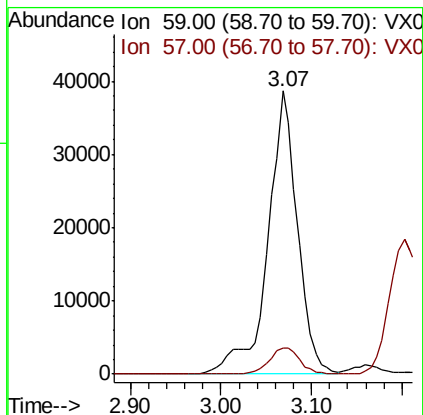
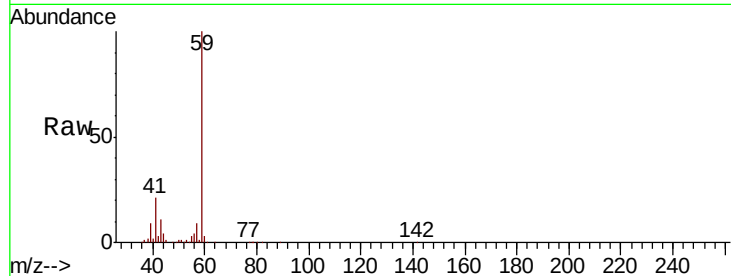


#11

Tert butyl alcohol
 Concen: 106.988 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

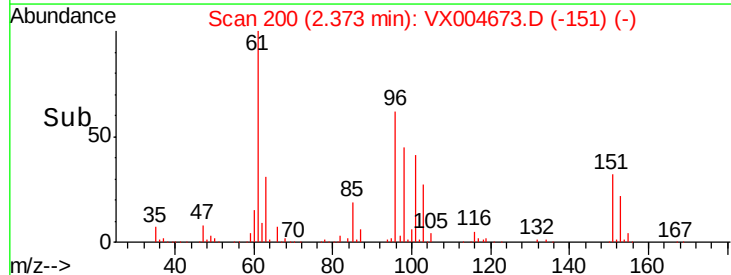
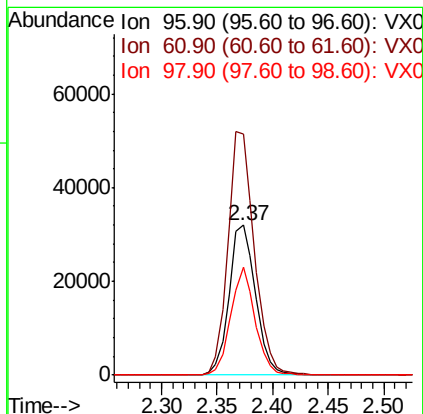
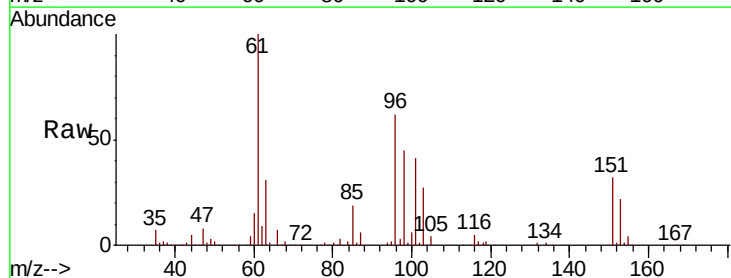
Tgt Ion: 59 Resp: 87607
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.4

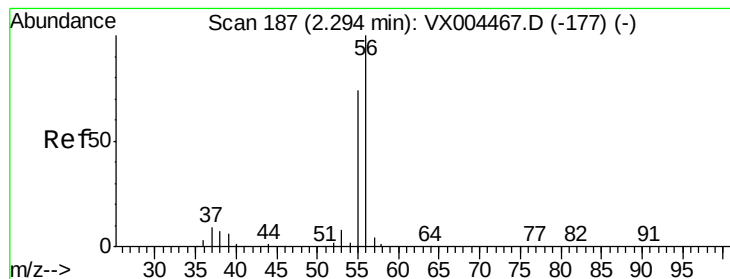


#12

1,1-Dichloroethene
 Concen: 18.993 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 96 Resp: 52818
 Ion Ratio Lower Upper
 96 100
 61 160.4 128.8 193.2
 98 72.0 52.2 78.2





#13

Acrolein

Concen: 51.139 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

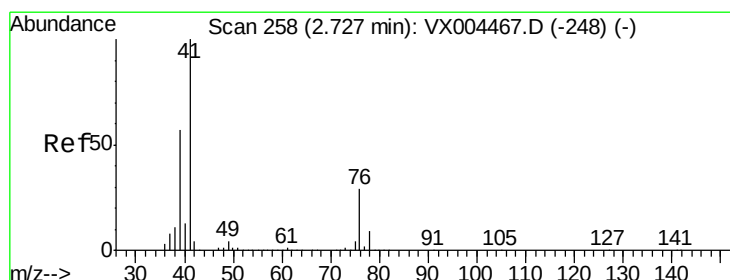
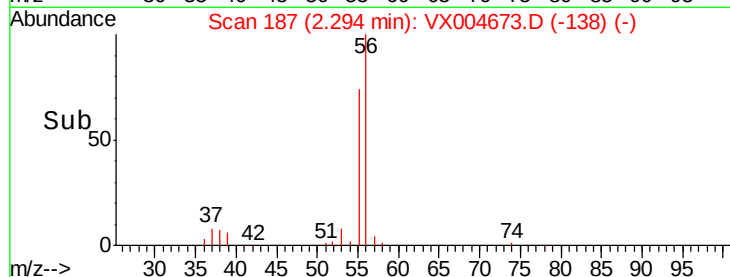
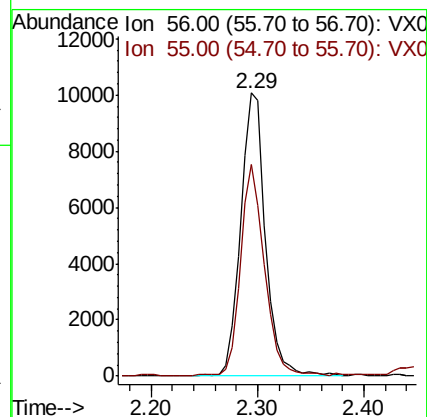
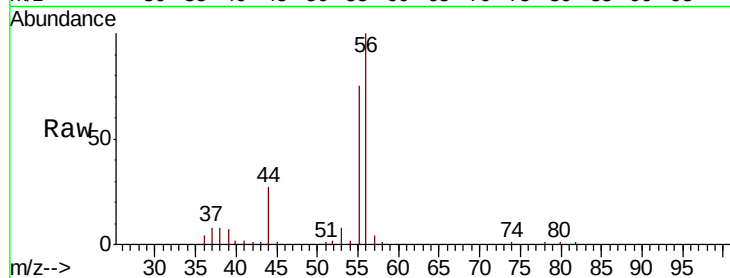
VX0918WBS02

Tgt Ion: 56 Resp: 16530

Ion Ratio Lower Upper

56 100

55 72.5 54.7 82.1



#14

Allyl chloride

Concen: 17.992 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

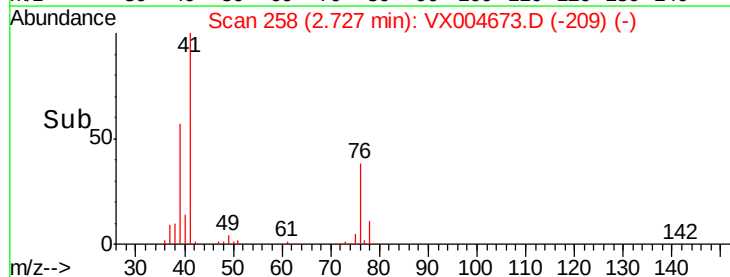
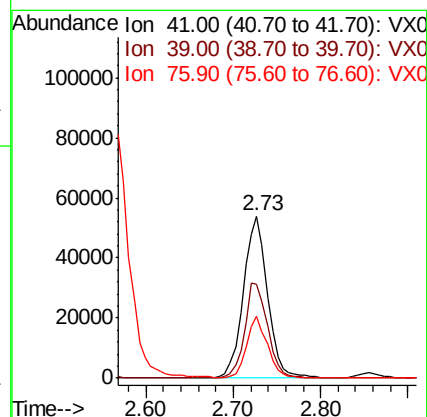
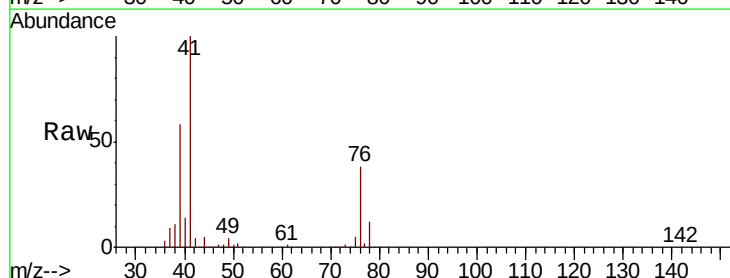
Tgt Ion: 41 Resp: 102861

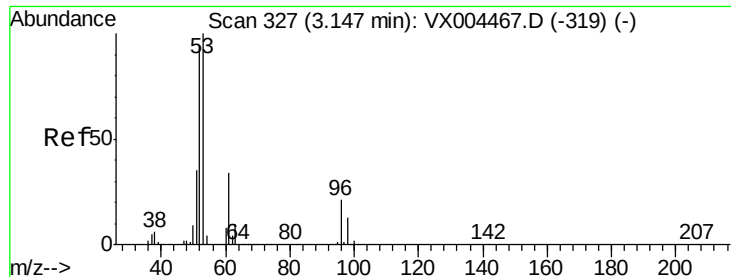
Ion Ratio Lower Upper

41 100

39 55.6 48.9 73.3

76 33.7 26.7 40.1





#15

Acrylonitrile

Concen: 95.298 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

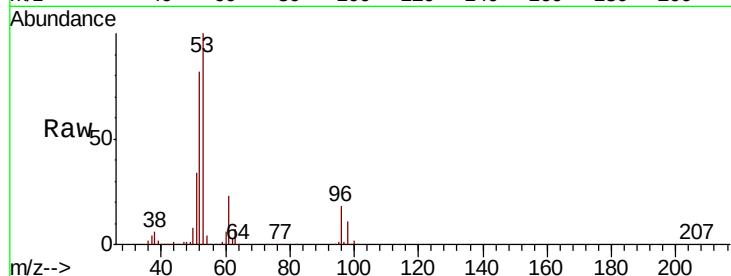
Tgt Ion: 53 Resp: 187918

Ion Ratio Lower Upper

53 100

52 81.2 65.2 97.8

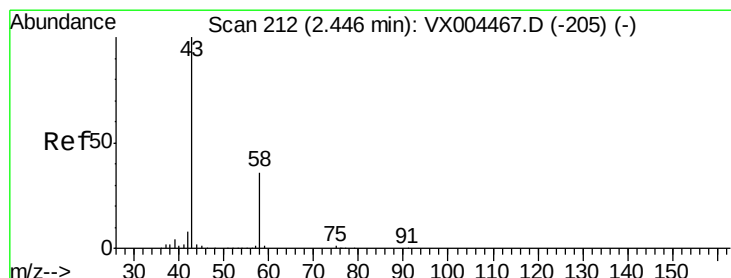
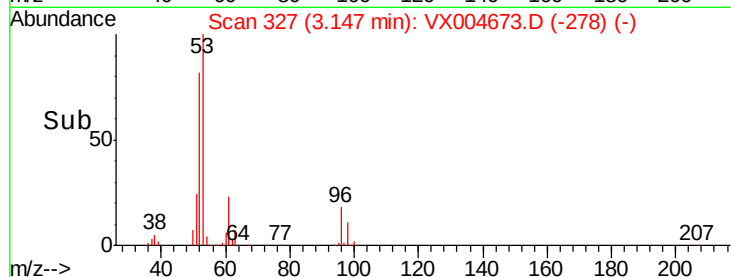
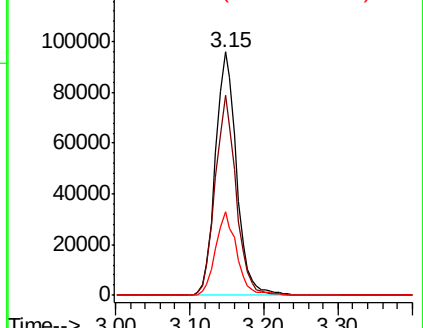
51 34.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 86.387 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004673.D

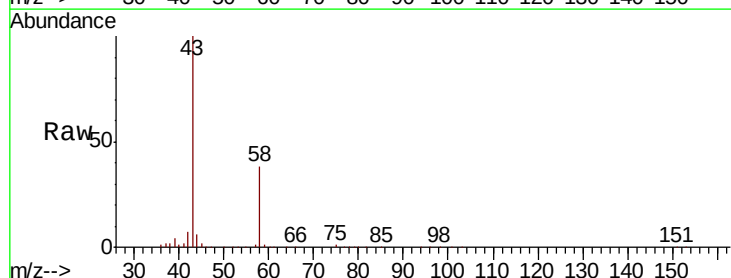
Acq: 18 Sep 2018 22:56

Tgt Ion: 43 Resp: 144692

Ion Ratio Lower Upper

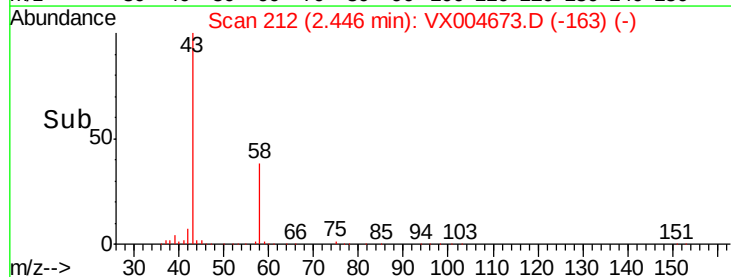
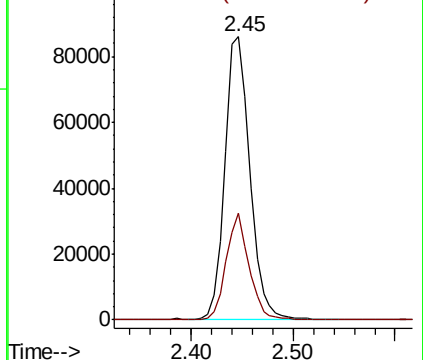
43 100

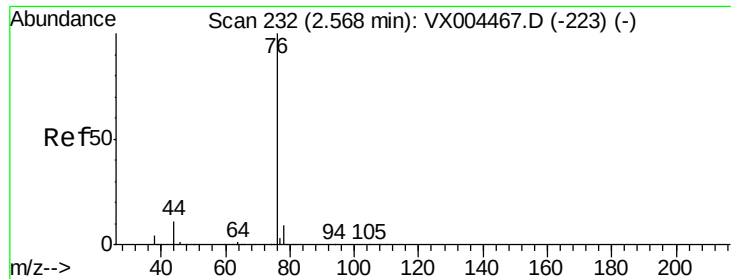
58 38.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.153 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

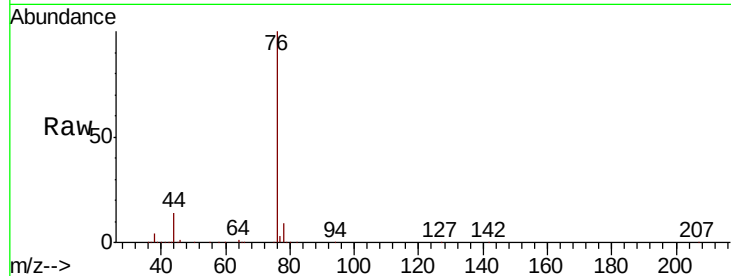
VX0918WBS02

Tgt Ion: 76 Resp: 137873

Ion Ratio Lower Upper

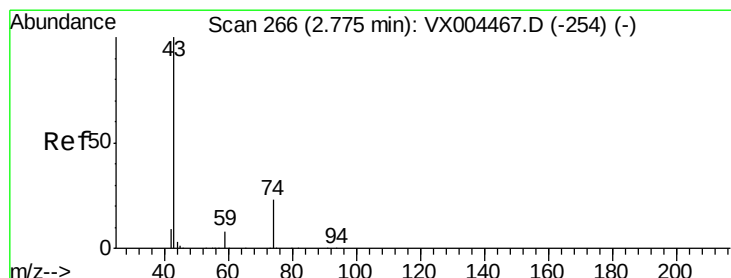
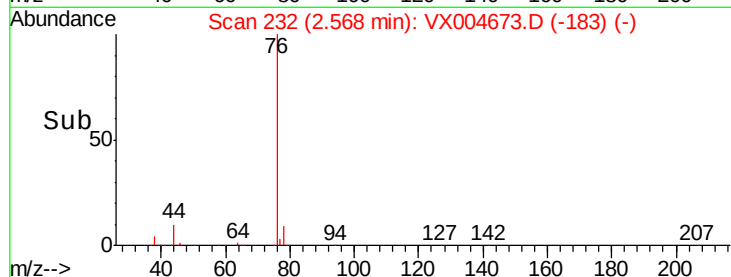
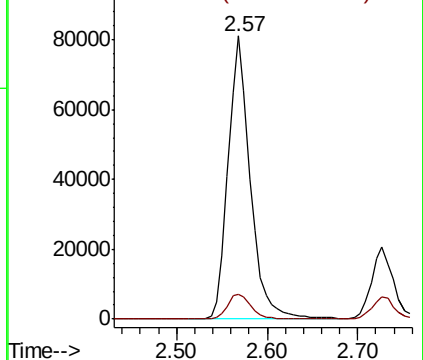
76 100

78 8.5 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: 20.386 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004673.D

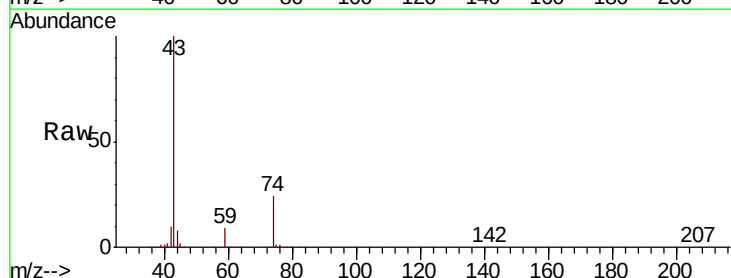
Acq: 18 Sep 2018 22:56

Tgt Ion: 43 Resp: 95796

Ion Ratio Lower Upper

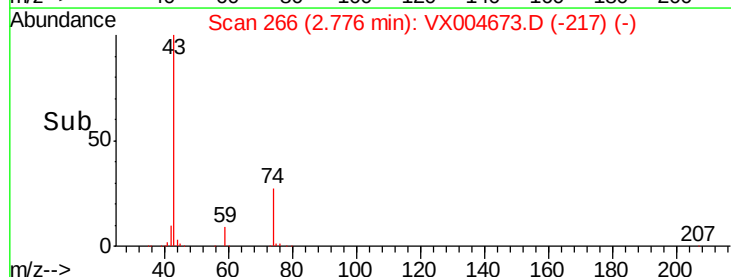
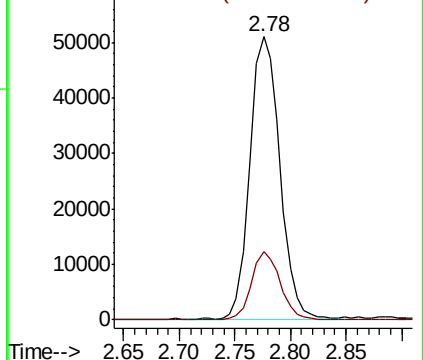
43 100

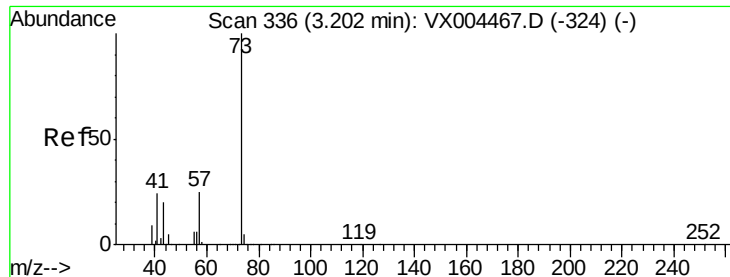
74 23.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



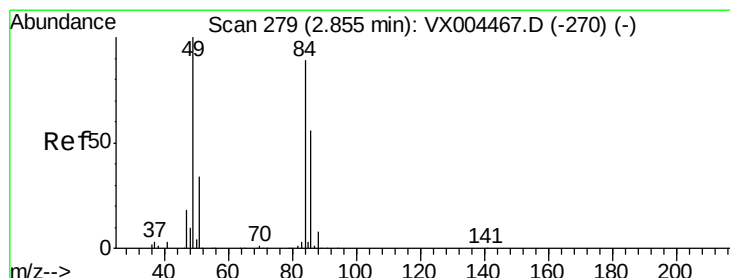
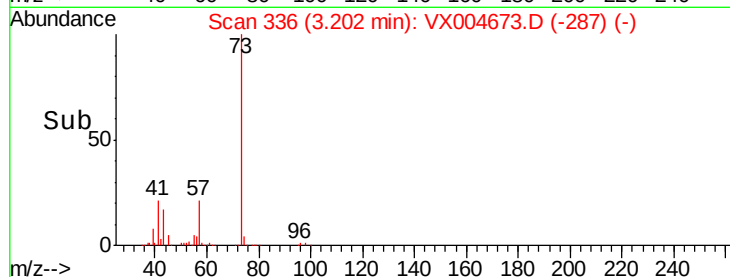
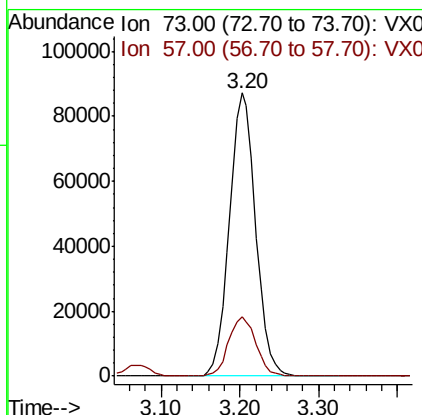
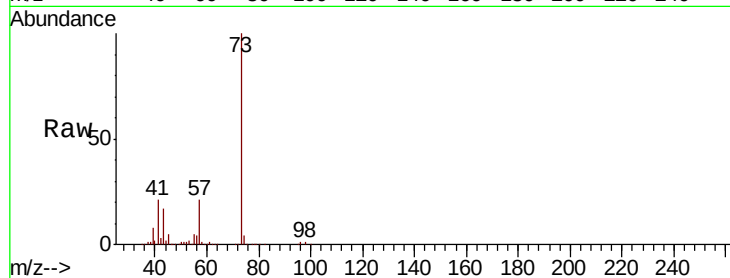


#19

Methyl tert-butyl Ether
 Concen: 20.612 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

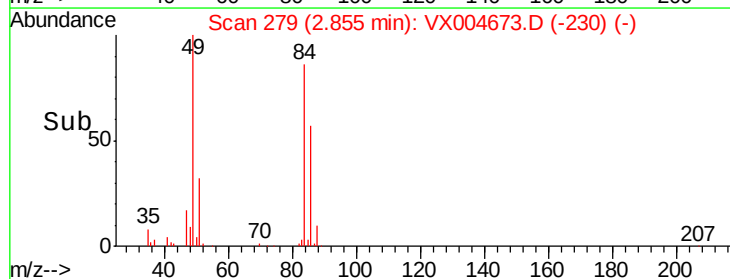
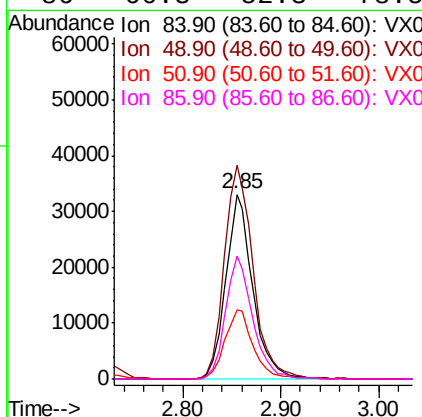
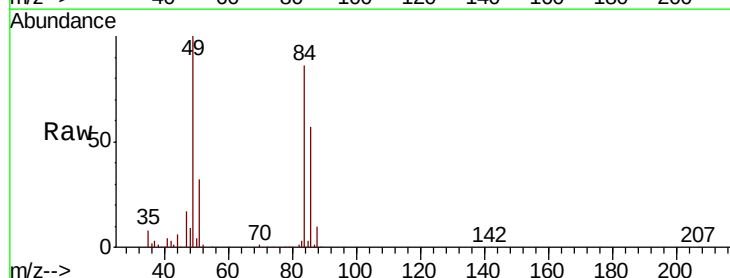
Tgt Ion: 73 Resp: 201125
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.1 25.7

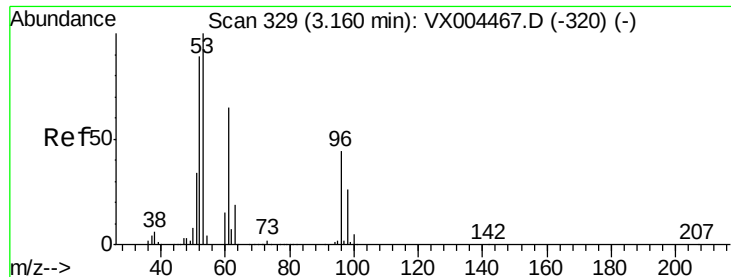


#20

Methylene Chloride
 Concen: 18.314 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 84 Resp: 62924
 Ion Ratio Lower Upper
 84 100
 49 115.8 101.2 151.8
 51 37.0 29.5 44.3
 86 66.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.777 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

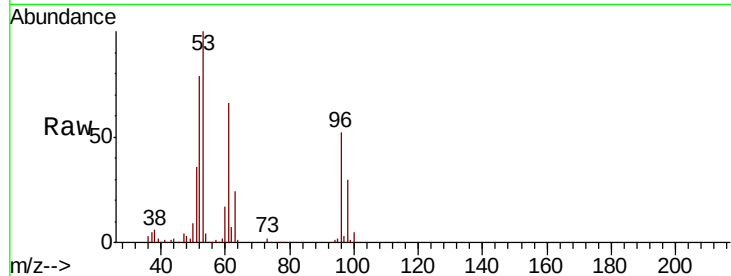
Tgt Ion: 96 Resp: 60773

Ion Ratio Lower Upper

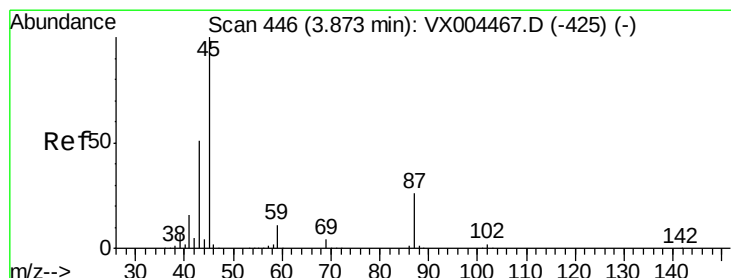
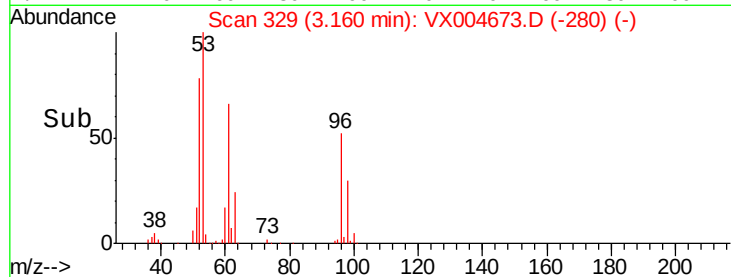
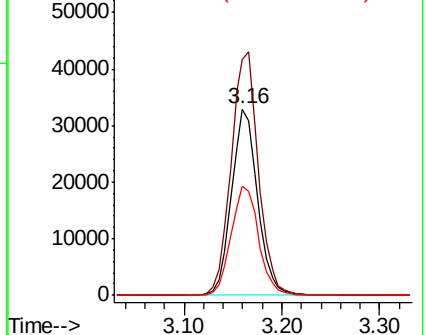
96 100

61 126.8 113.8 170.6

98 58.4 51.8 77.8



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



#22

Diisopropyl ether

Concen: 19.415 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Tgt Ion: 45 Resp: 199917

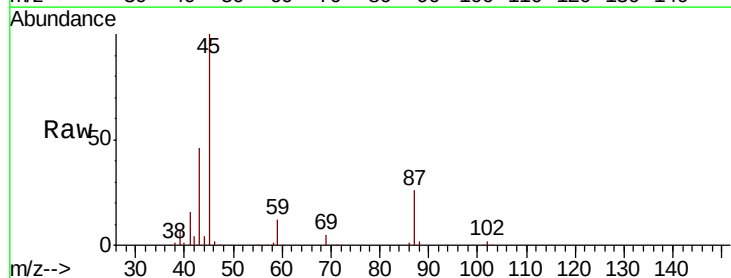
Ion Ratio Lower Upper

45 100

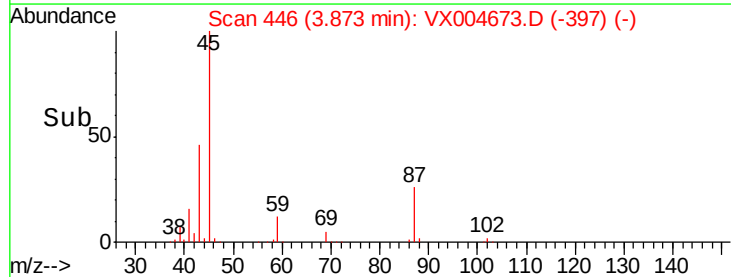
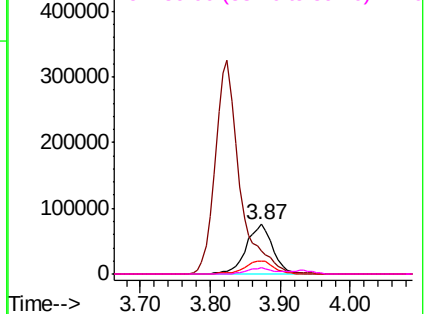
43 45.6 42.8 64.2

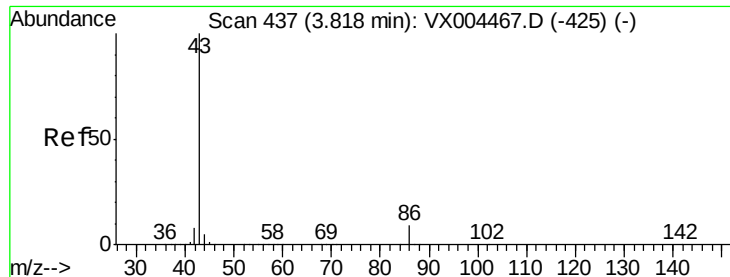
87 26.4 22.6 34.0

59 12.1 9.6 14.4



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





#23

Vinyl Acetate

Concen: 94.858 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

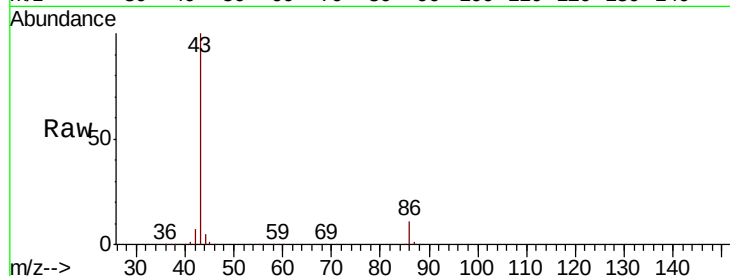
VX0918WBS02

Tgt Ion: 43 Resp: 790433

Ion Ratio Lower Upper

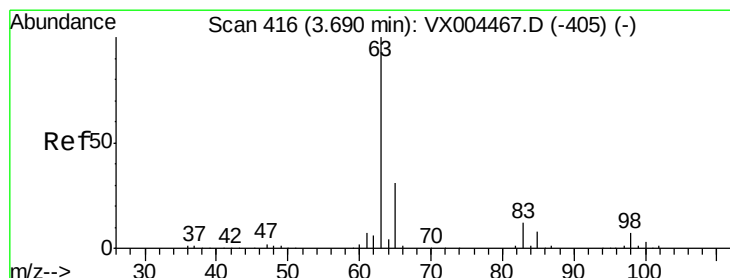
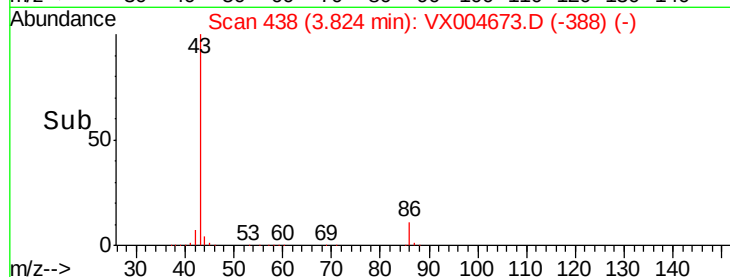
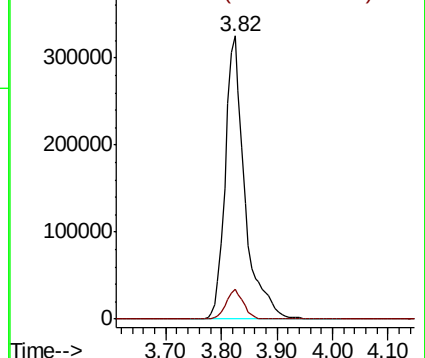
43 100

86 10.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.124 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

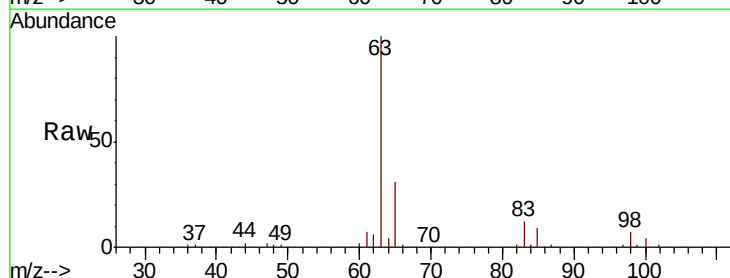
Tgt Ion: 63 Resp: 111177

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

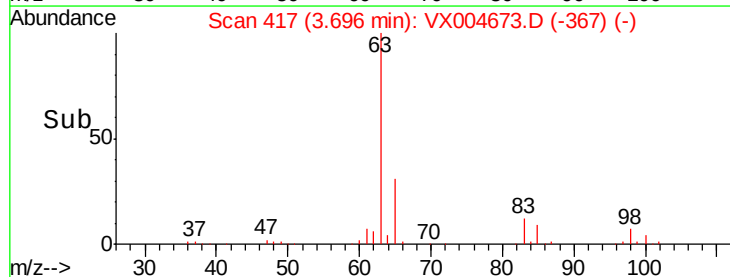
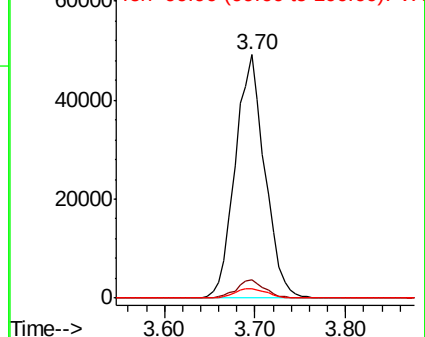
100 4.0 2.4 7.1

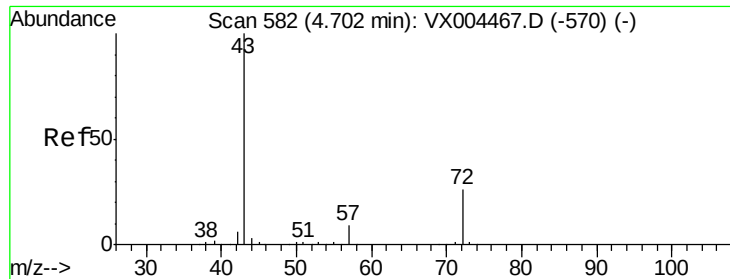


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.302 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

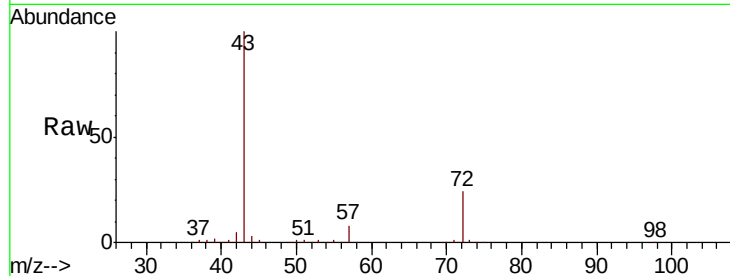
VX0918WBS02

Tgt Ion: 43 Resp: 230052

Ion Ratio Lower Upper

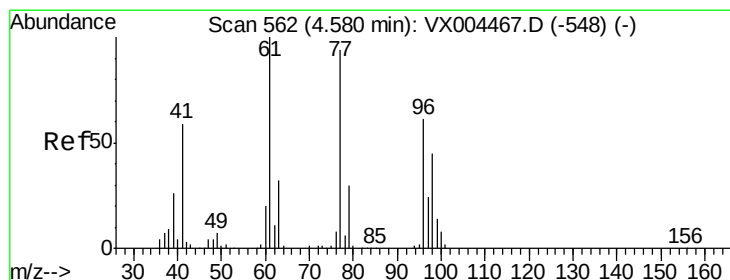
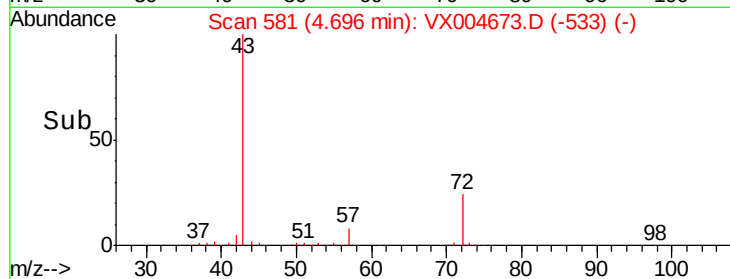
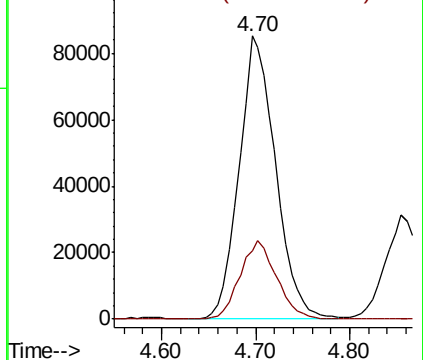
43 100

72 24.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.631 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004673.D

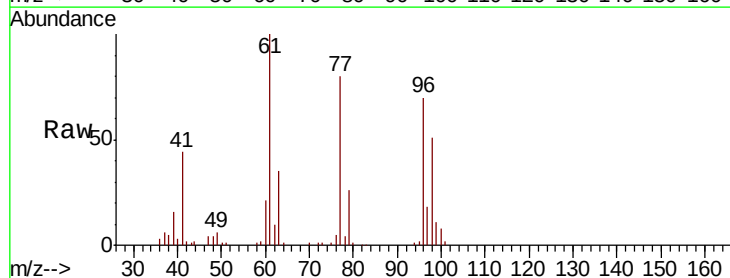
Acq: 18 Sep 2018 22:56

Tgt Ion: 77 Resp: 66408

Ion Ratio Lower Upper

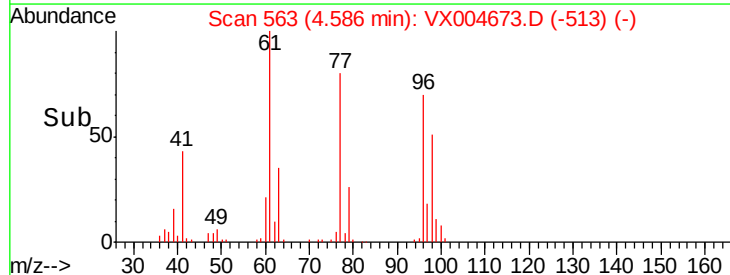
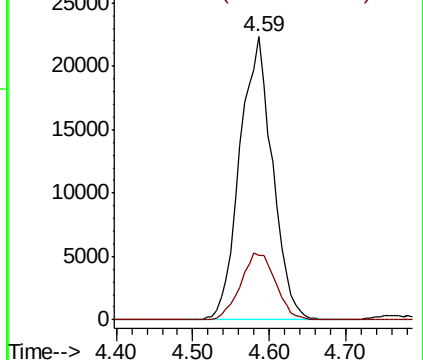
77 100

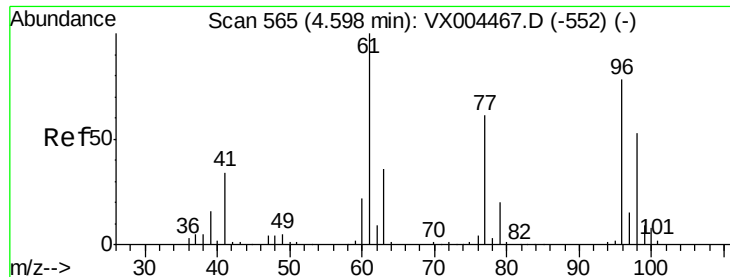
97 25.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



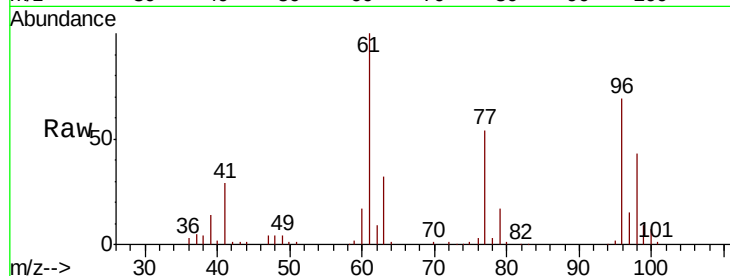


#27

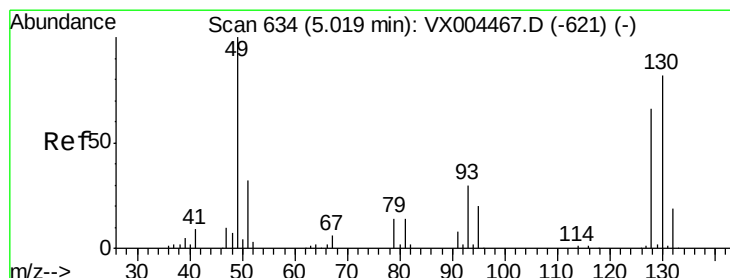
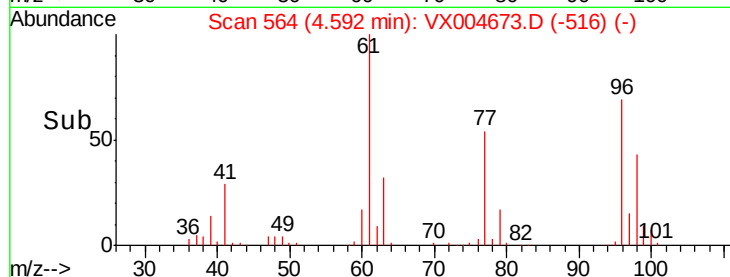
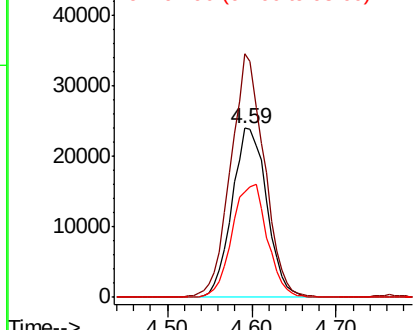
cis-1,2-Dichloroethene
 Concen: 19.534 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tgt Ion: 96 Resp: 67008
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 282.6
 98 67.4 0.0 130.2



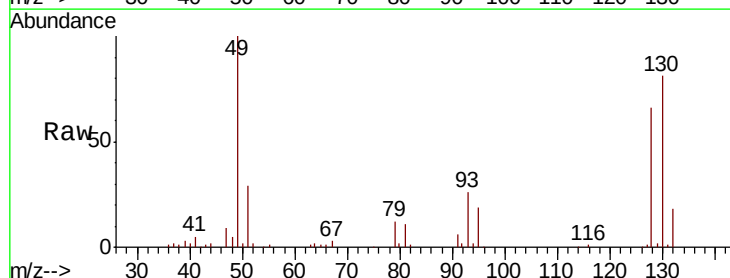
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



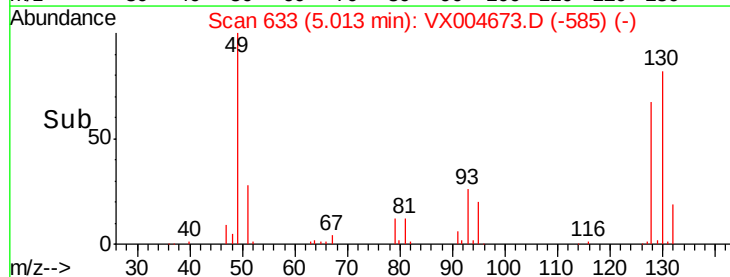
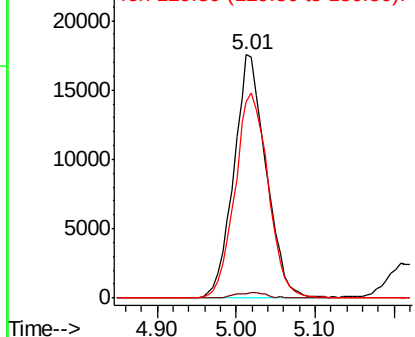
#28

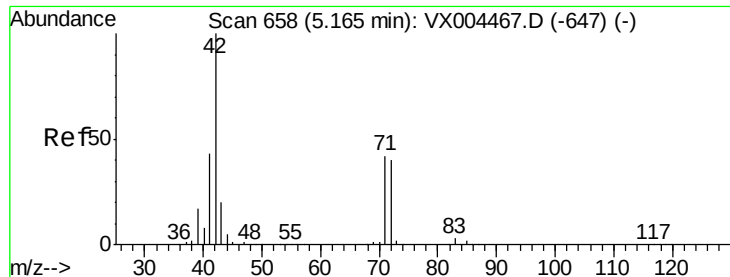
Bromochloromethane
 Concen: 18.776 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 49 Resp: 49929
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 86.9 67.5 101.3



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





#29

Tetrahydrofuran

Concen: 94.955 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

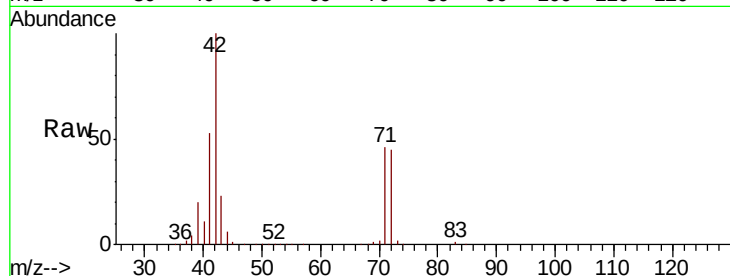
Tgt Ion: 42 Resp: 152646

Ion Ratio Lower Upper

42 100

72 45.2 37.4 56.0

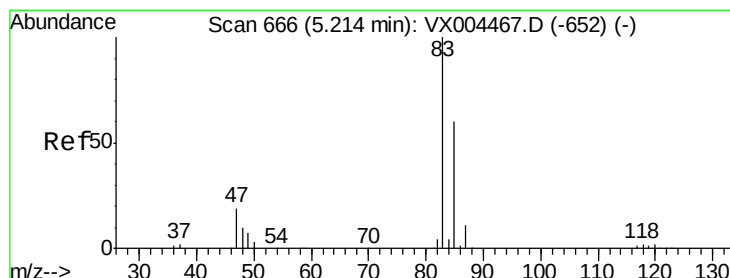
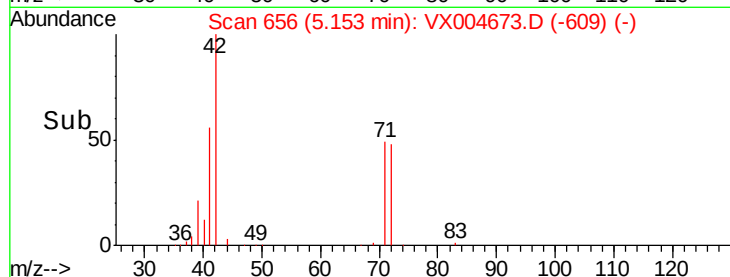
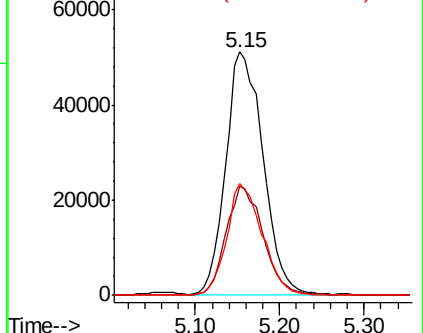
71 44.0 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.785 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004673.D

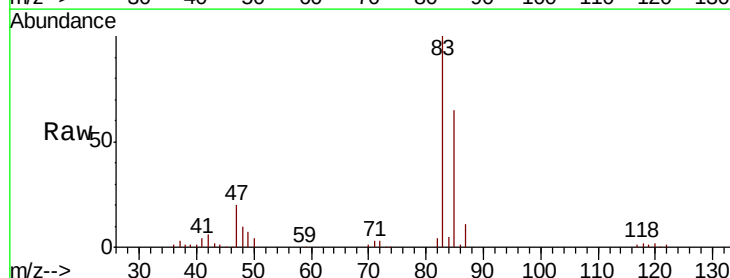
Acq: 18 Sep 2018 22:56

Tgt Ion: 83 Resp: 106615

Ion Ratio Lower Upper

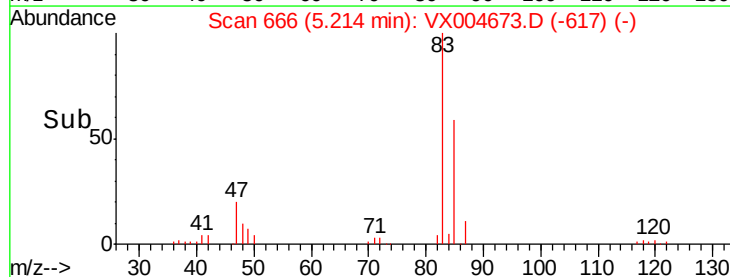
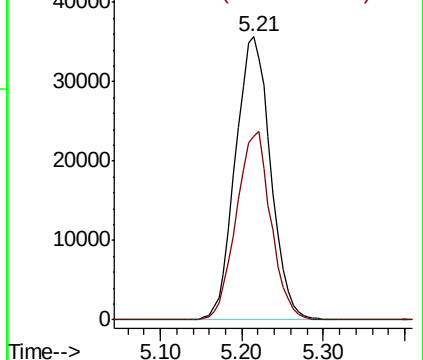
83 100

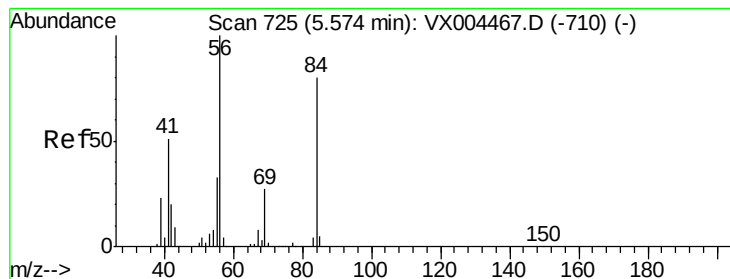
85 64.7 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.545 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

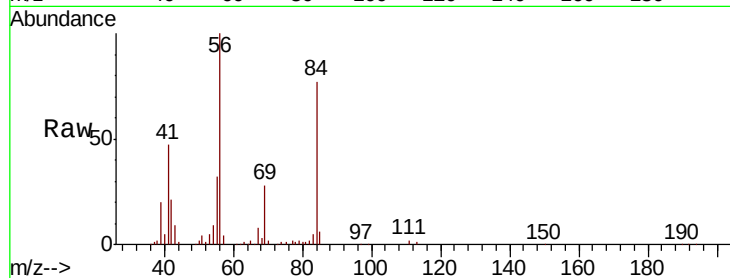
Tgt Ion: 56 Resp: 97023

Ion Ratio Lower Upper

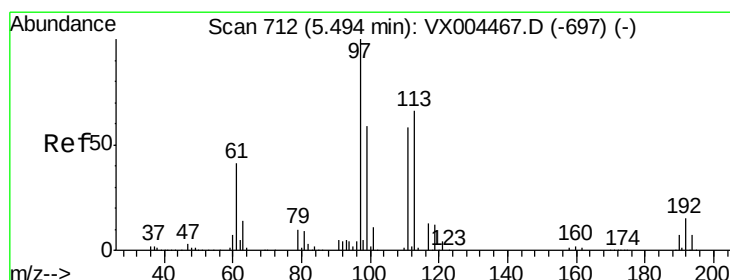
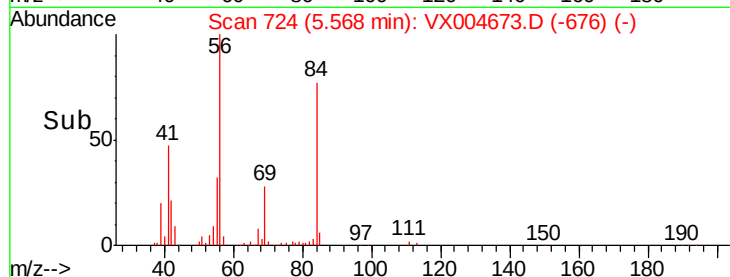
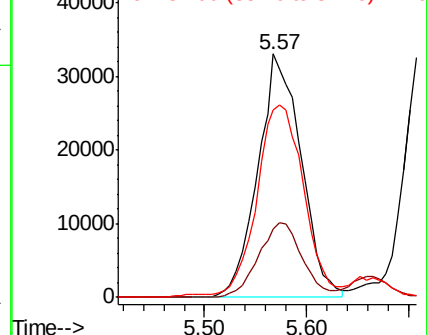
56 100

69 28.1 25.4 38.2

84 75.5 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 19.623 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

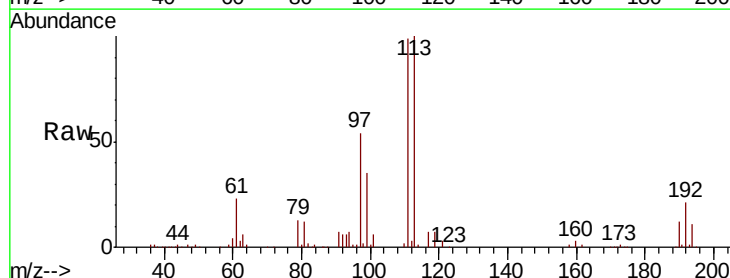
Tgt Ion: 97 Resp: 89700

Ion Ratio Lower Upper

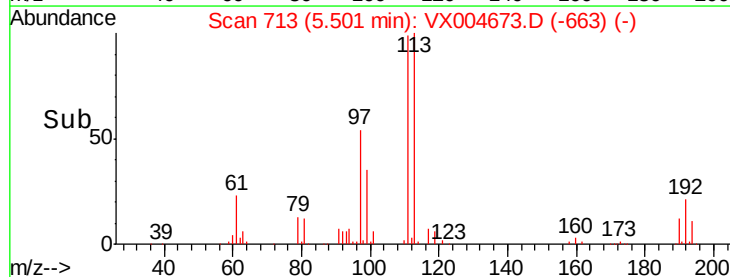
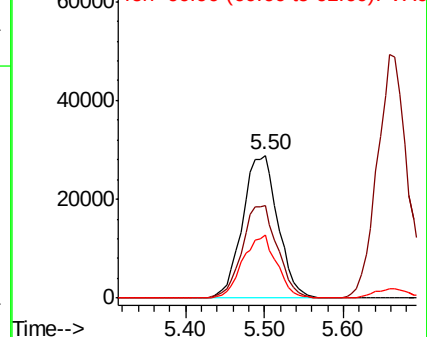
97 100

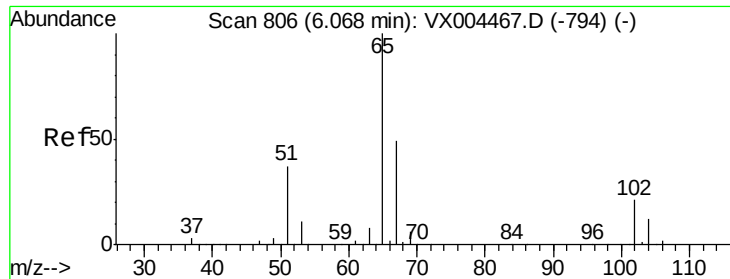
99 64.9 52.0 78.0

61 42.4 34.9 52.3



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

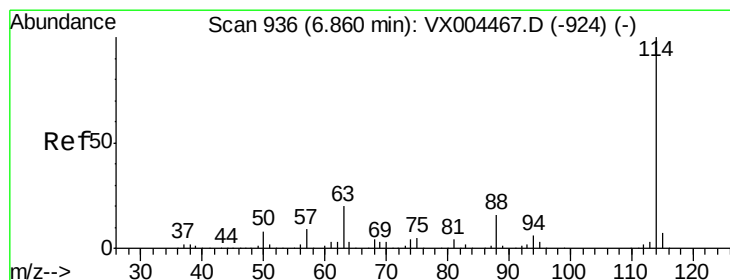
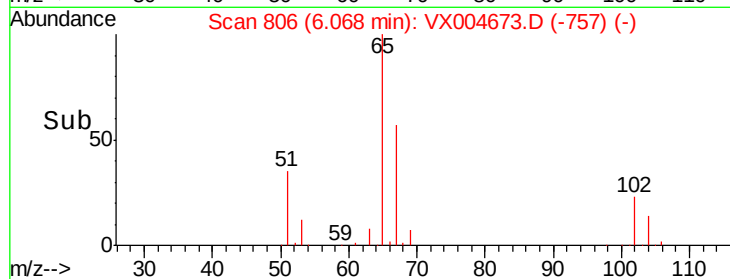
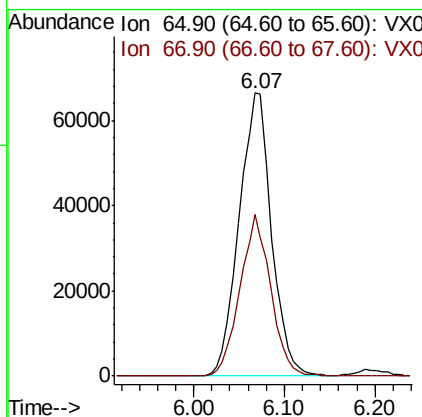
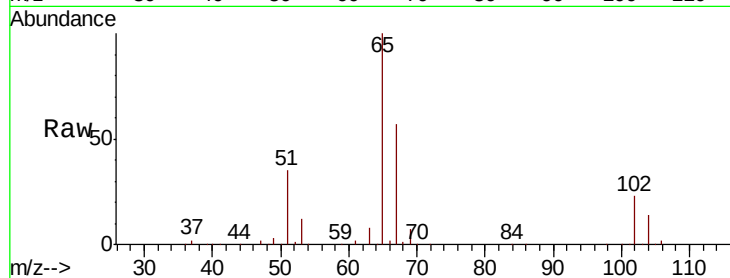




#33
 1,2-Dichloroethane-d4
 Concen: 47.881 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

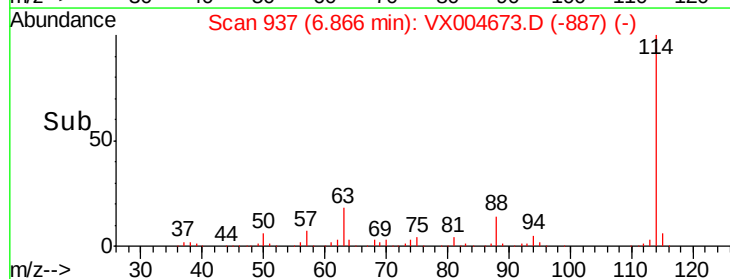
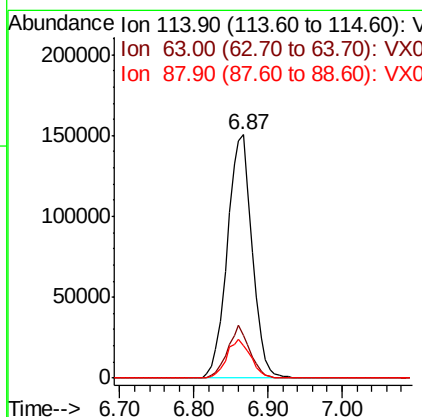
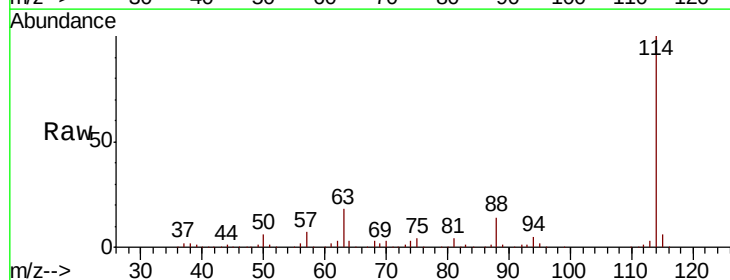
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

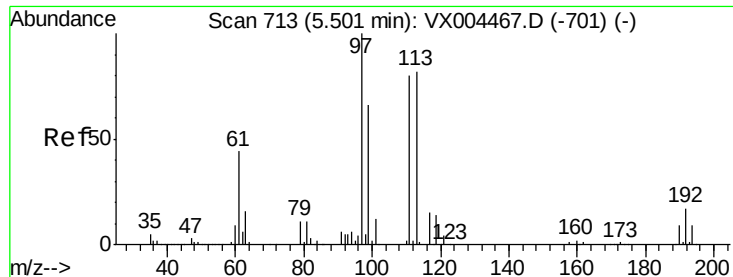
Tgt Ion: 65 Resp: 164312
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 114 Resp: 351101
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 39.0
 88 13.6 0.0 30.4

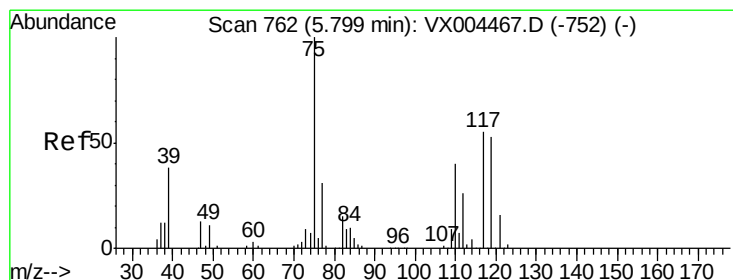
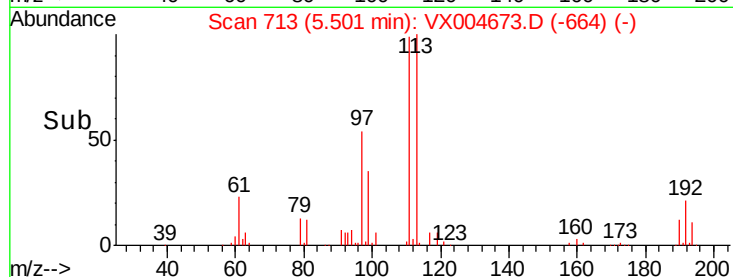
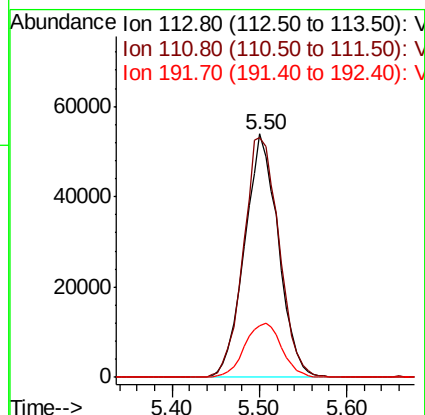
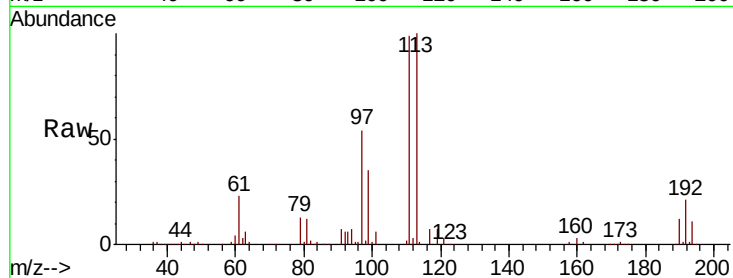




#35
 Dibromofluoromethane
 Concen: 44.882 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

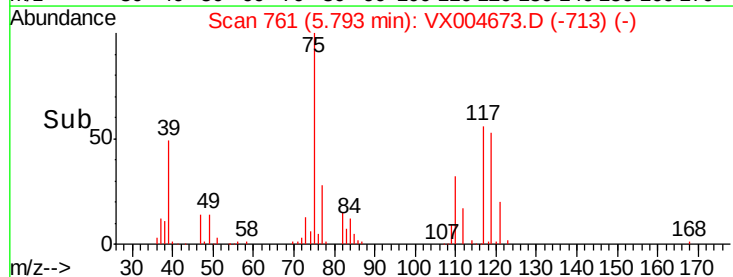
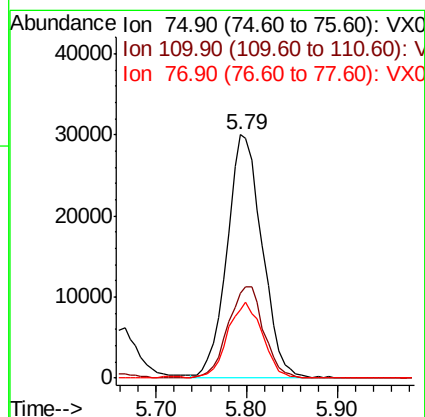
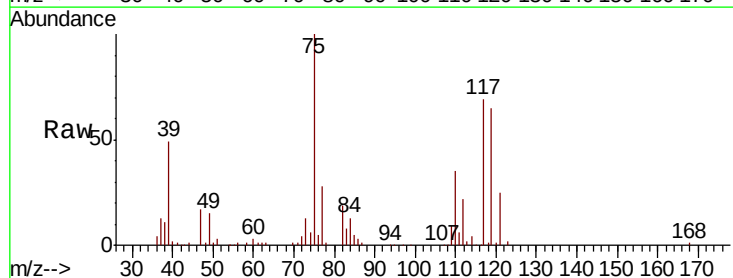
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

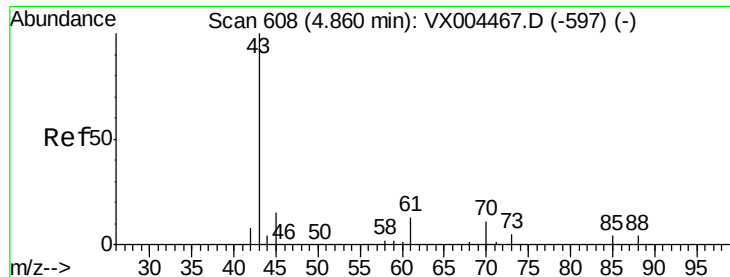
Tgt Ion:113 Resp: 144200
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.4 123.6
 192 24.4 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 18.918 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 75 Resp: 80641
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.0 54.0
 77 30.7 24.6 36.8

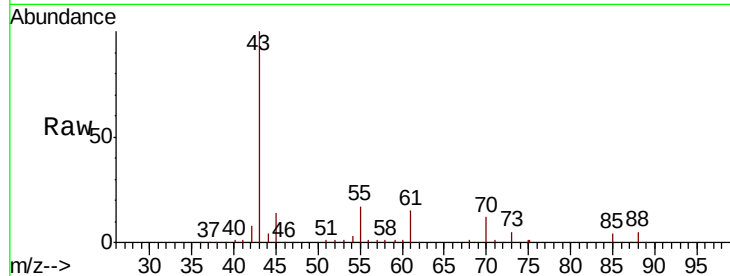




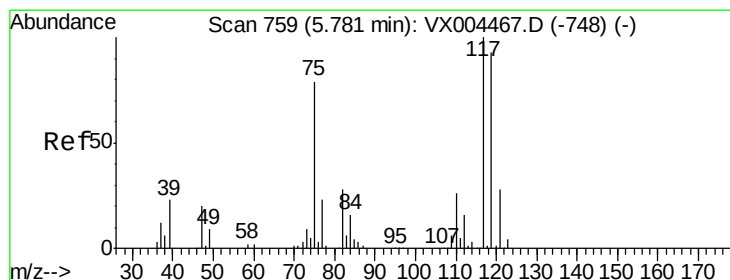
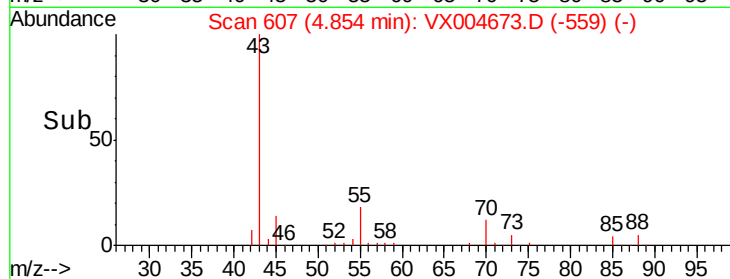
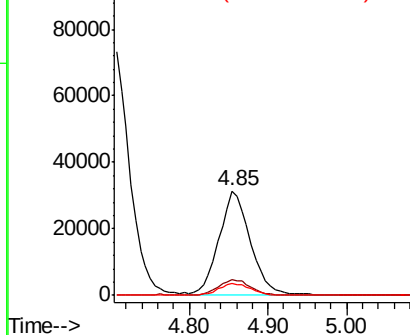
#37
Ethyl Acetate
Concen: 17.821 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tgt Ion: 43 Resp: 86395
Ion Ratio Lower Upper
43 100
61 15.7 11.5 17.3
70 11.7 9.0 13.6

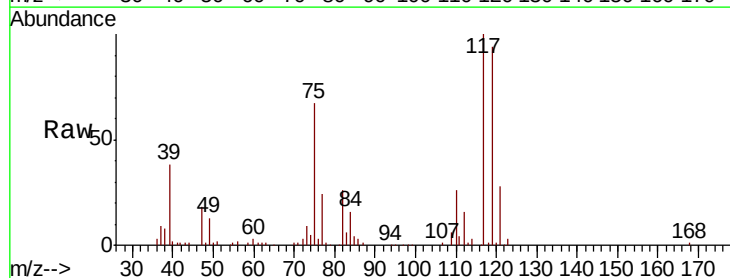


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

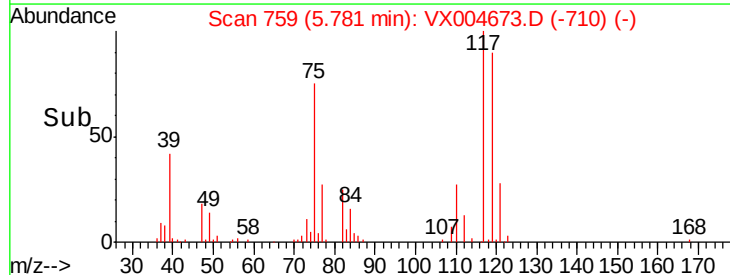
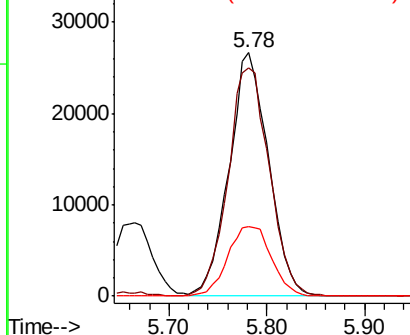


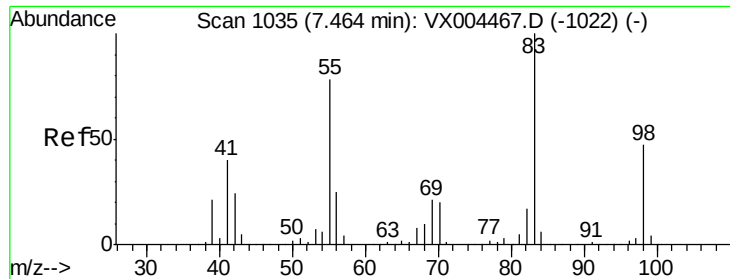
#38
Carbon Tetrachloride
Concen: 17.901 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion: 117 Resp: 74528
Ion Ratio Lower Upper
117 100
119 93.6 78.8 118.2
121 28.4 24.9 37.3



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

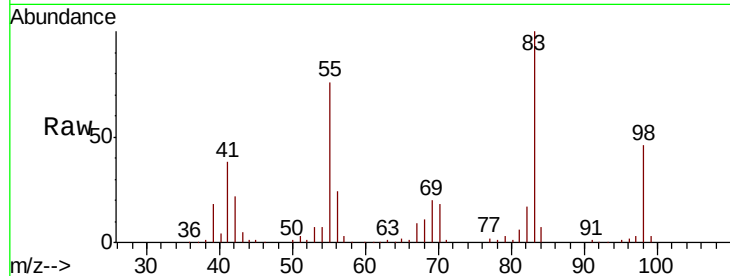




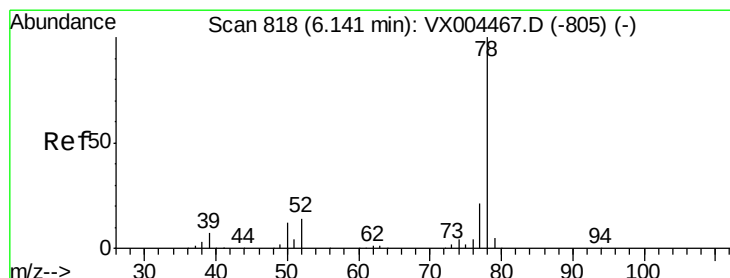
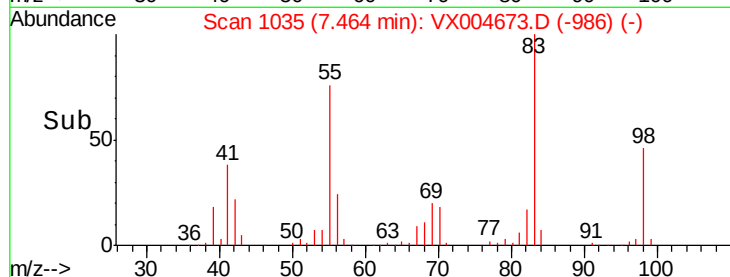
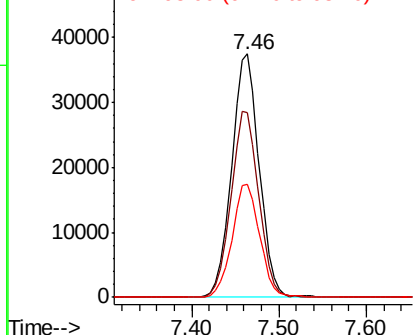
#39
Methylcyclohexane
Concen: 18.424 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tgt Ion: 83 Resp: 81952
Ion Ratio Lower Upper
83 100
55 75.9 61.0 91.4
98 46.3 39.6 59.4

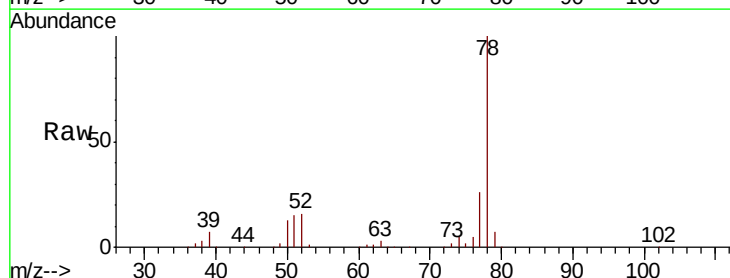


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

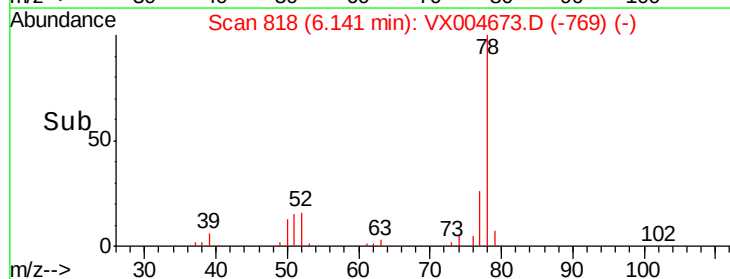
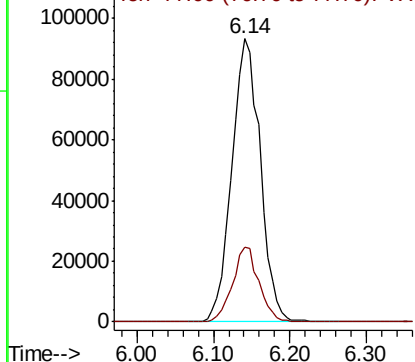


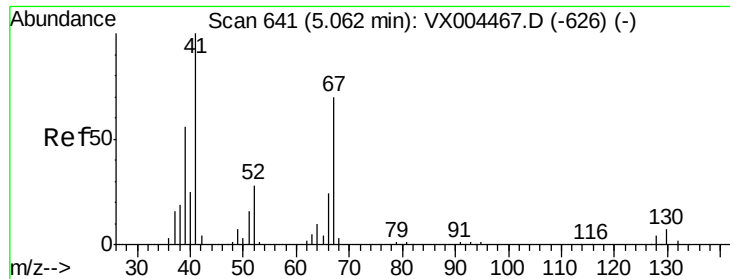
#40
Benzene
Concen: 18.955 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion: 78 Resp: 239725
Ion Ratio Lower Upper
78 100
77 26.4 19.0 28.4



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

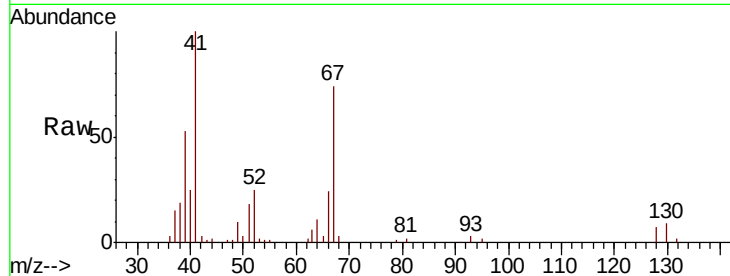




#41
Methacrylonitrile
Concen: 18.278 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

Tgt Ion:	41	Resp:	48824
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.4	63.6
67	76.1	59.2	88.8
52	28.0	23.0	34.4



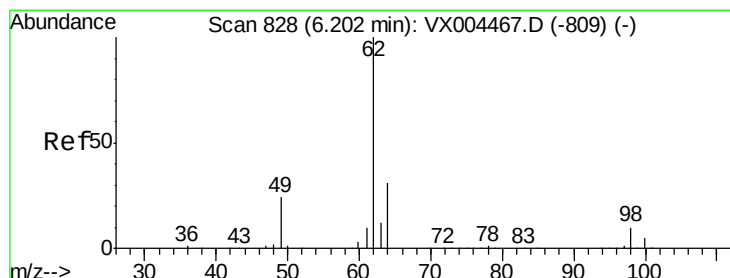
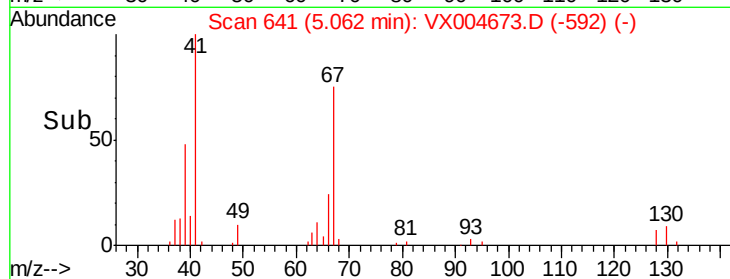
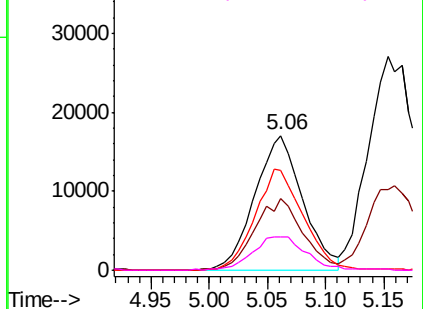
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

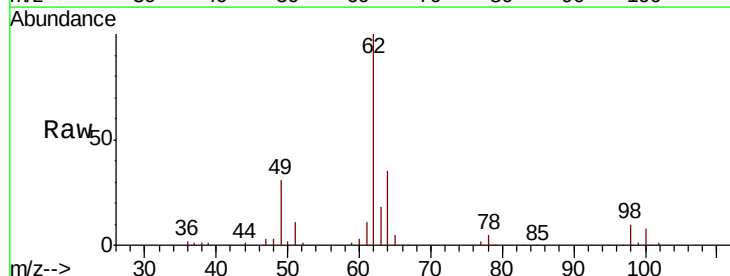
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.311 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

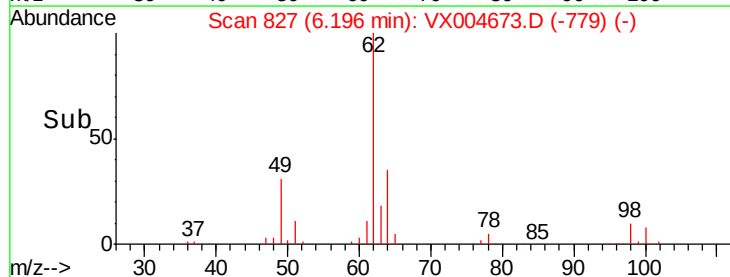
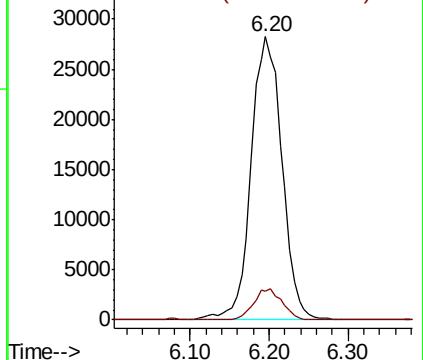
Tgt Ion:	62	Resp:	76807
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6

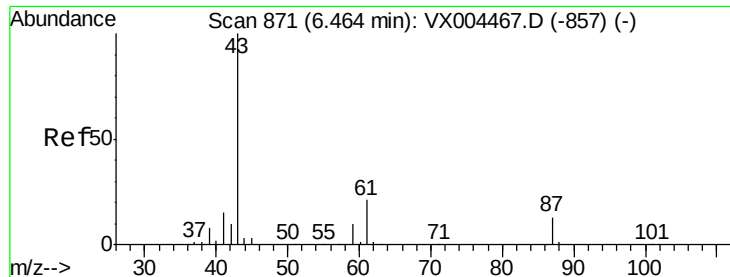


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.364 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

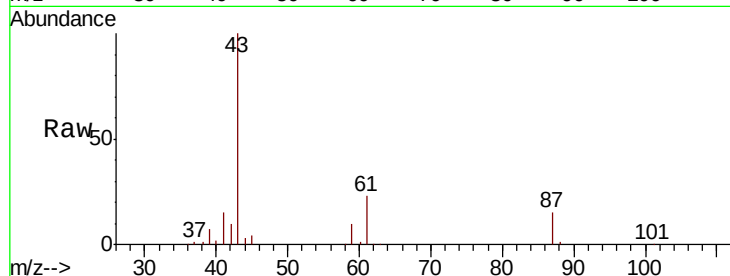
Tgt Ion: 43 Resp: 118245

Ion Ratio Lower Upper

43 100

61 20.9 17.0 25.4

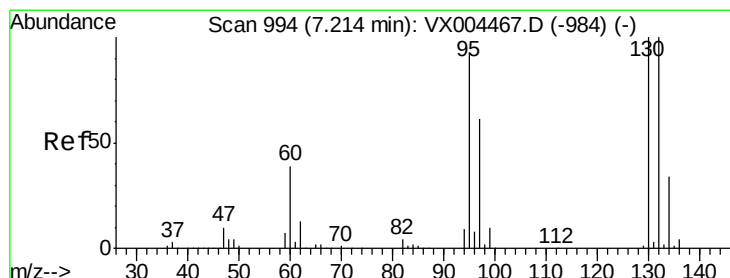
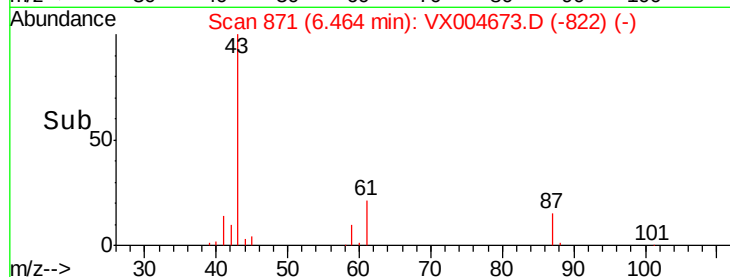
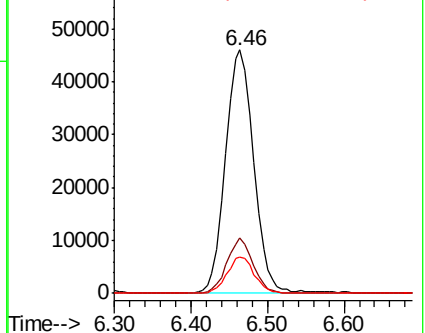
87 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.847 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004673.D

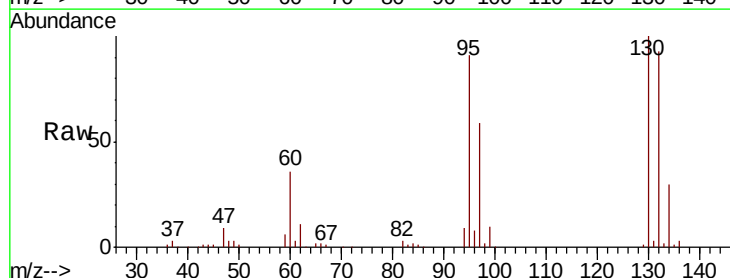
Acq: 18 Sep 2018 22:56

Tgt Ion: 130 Resp: 65213

Ion Ratio Lower Upper

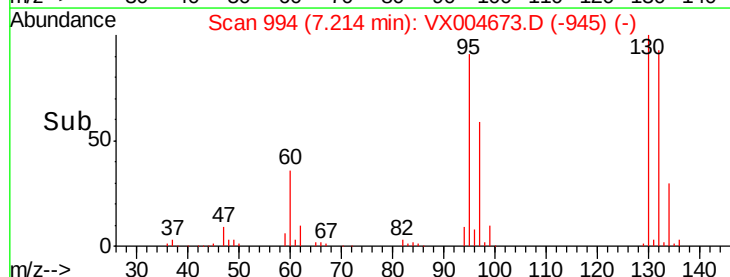
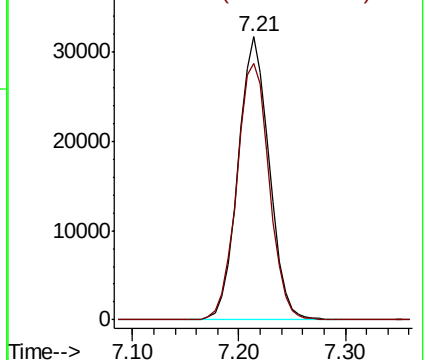
130 100

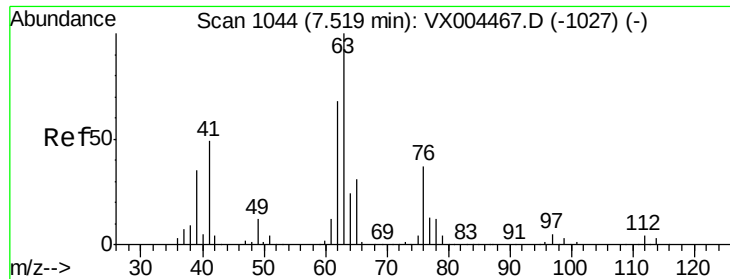
95 90.8 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

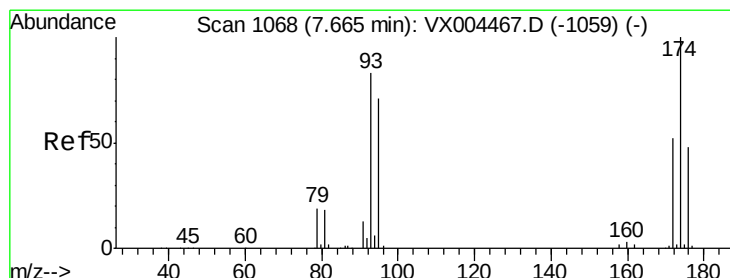
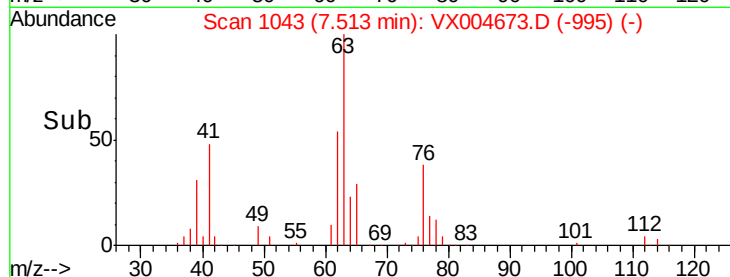
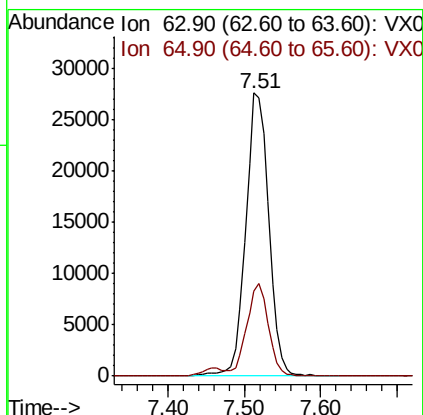
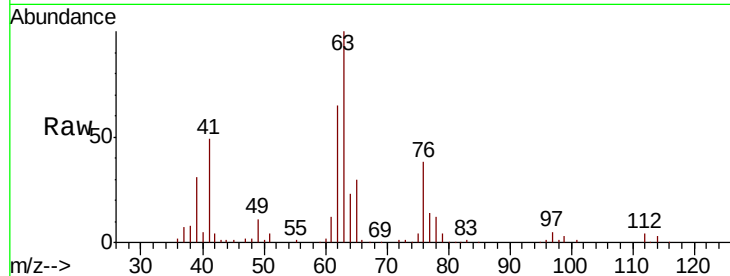




#45
 1,2-Dichloropropane
 Concen: 19.032 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

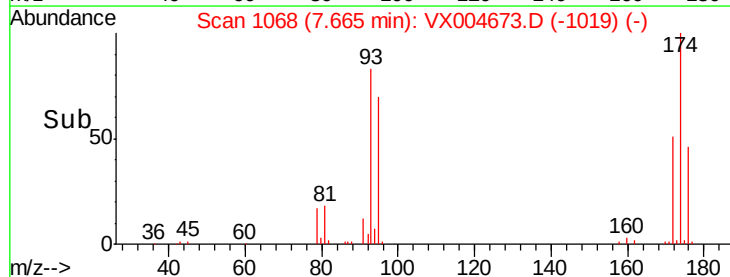
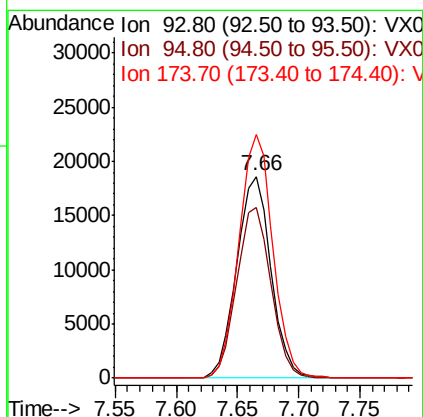
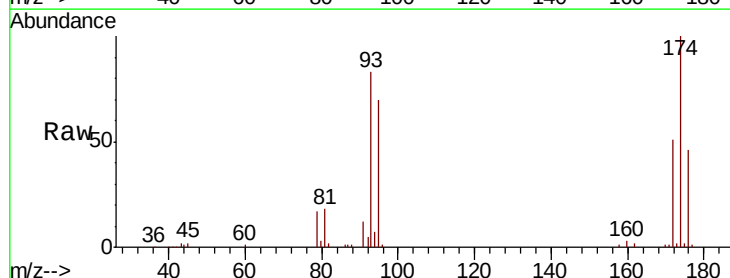
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

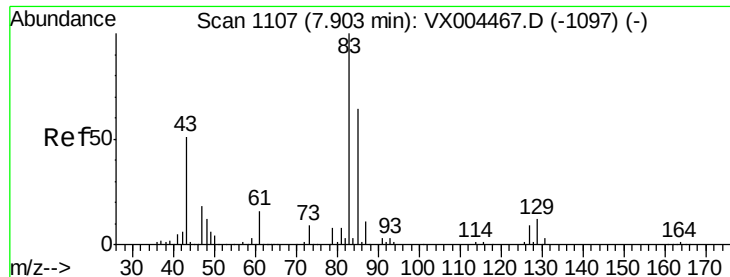
Tgt Ion: 63 Resp: 57920
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.3 36.5



#46
 Dibromomethane
 Concen: 18.825 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 93 Resp: 36193
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.5 98.3
 174 119.7 94.2 141.4





#47

Bromodichloromethane

Concen: 18.568 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

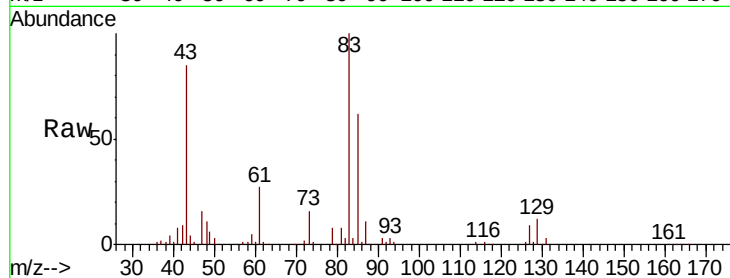
Tgt Ion: 83 Resp: 67509

Ion Ratio Lower Upper

83 100

85 62.3 50.9 76.3

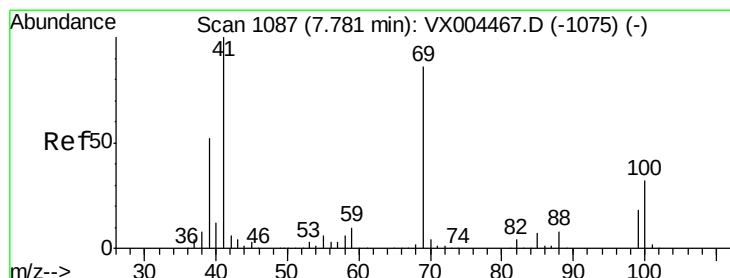
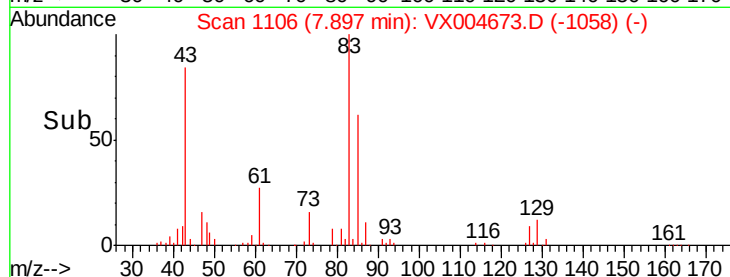
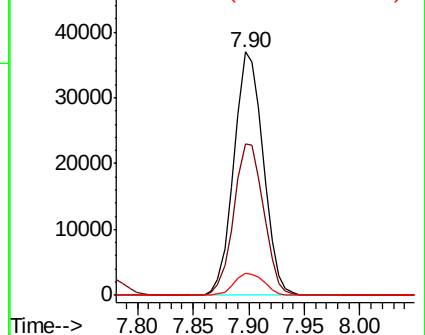
127 9.0 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.494 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

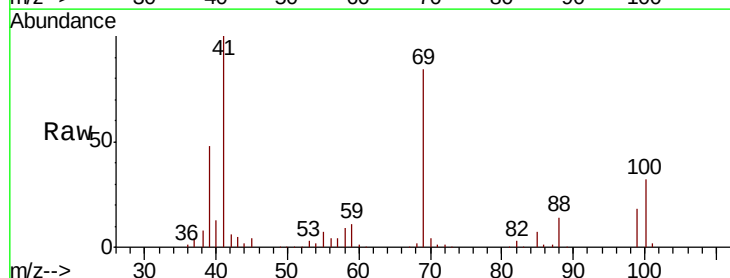
Tgt Ion: 41 Resp: 58933

Ion Ratio Lower Upper

41 100

69 91.8 70.2 105.4

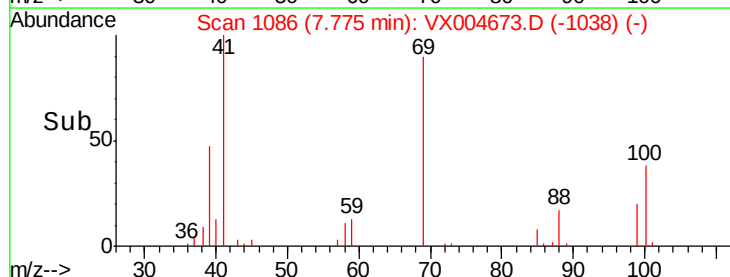
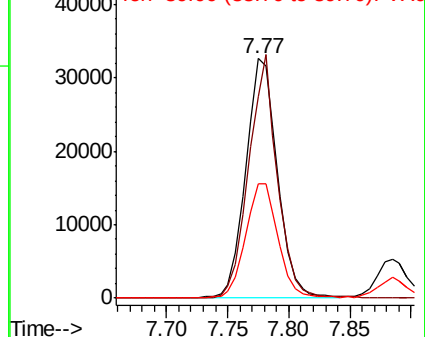
39 48.9 42.7 64.1

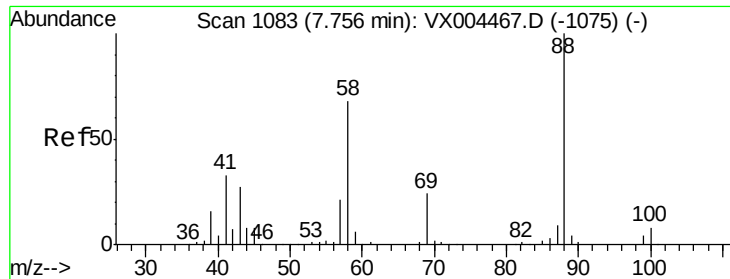


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

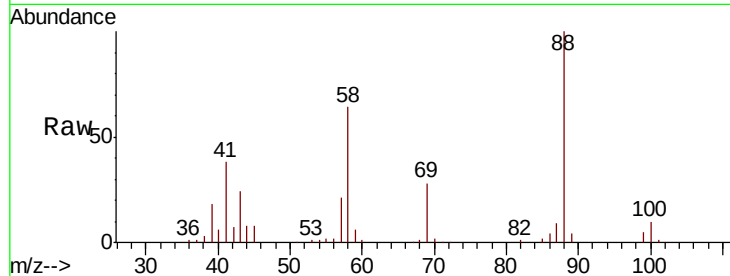




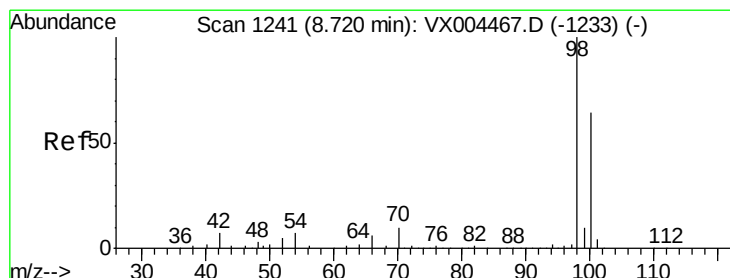
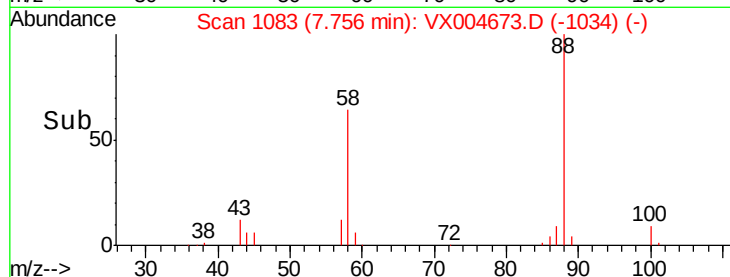
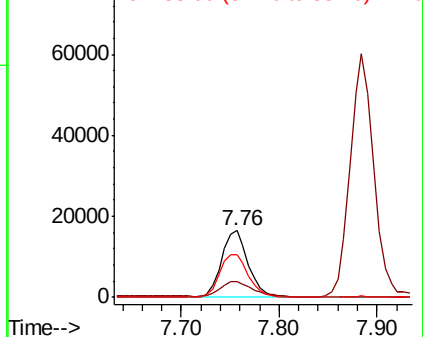
#49
1,4-Dioxane
Concen: 412.529 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tgt Ion: 88 Resp: 31114
Ion Ratio Lower Upper
88 100
43 27.4 24.7 37.1
58 70.0 55.3 82.9

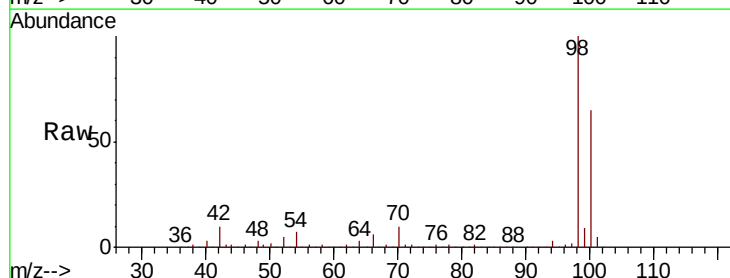


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

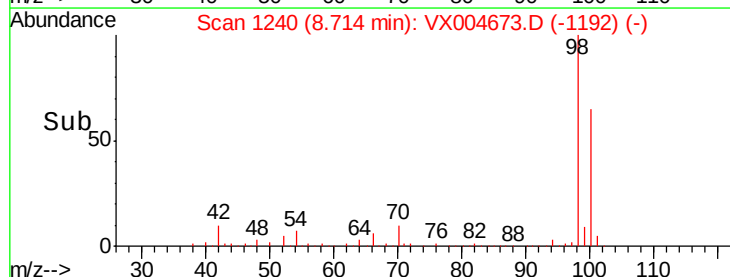
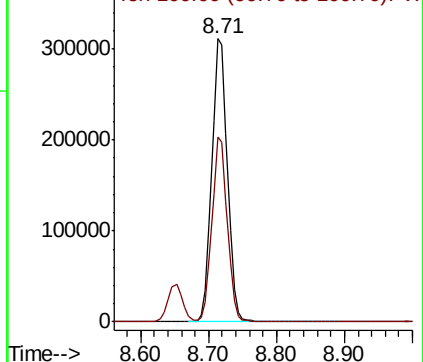


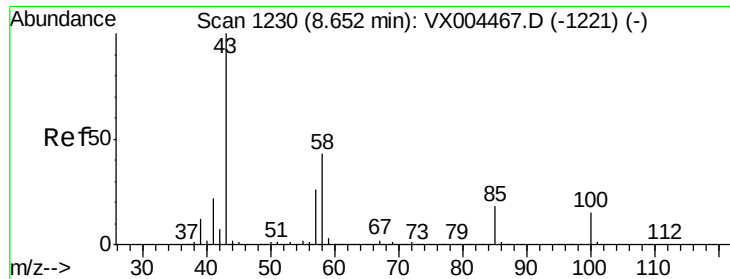
#50
Toluene-d8
Concen: 45.972 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion: 98 Resp: 495330
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



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

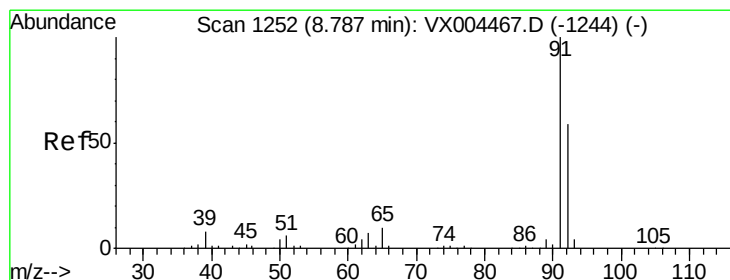
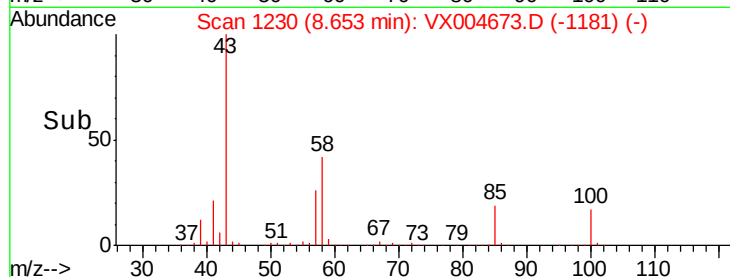
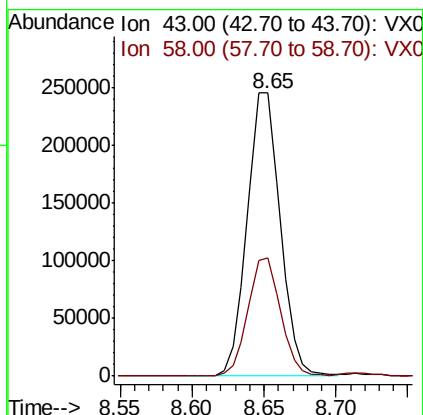
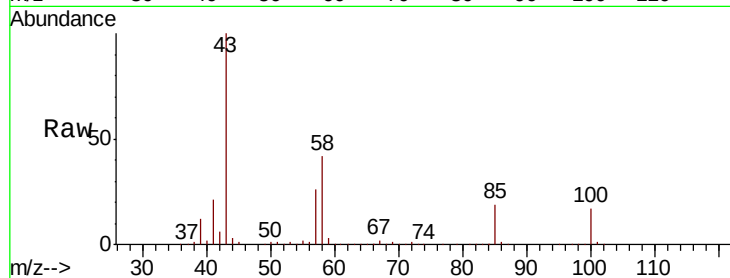




#51
 4-Methyl-2-Pentanone
 Concen: 85.756 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

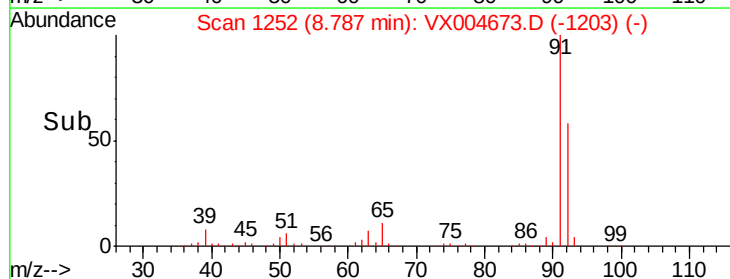
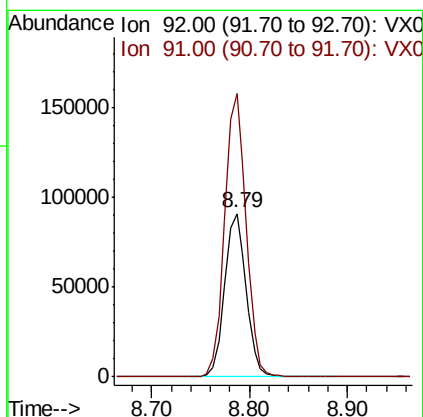
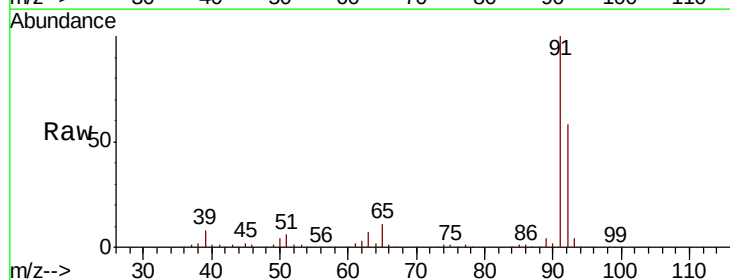
Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBS02

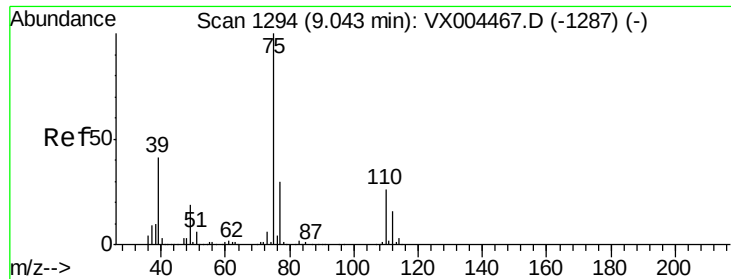
Tgt Ion: 43 Resp: 389682
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.1 49.7



#52
 Toluene
 Concen: 18.591 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 92 Resp: 138529
 Ion Ratio Lower Upper
 92 100
 91 173.3 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 17.040 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

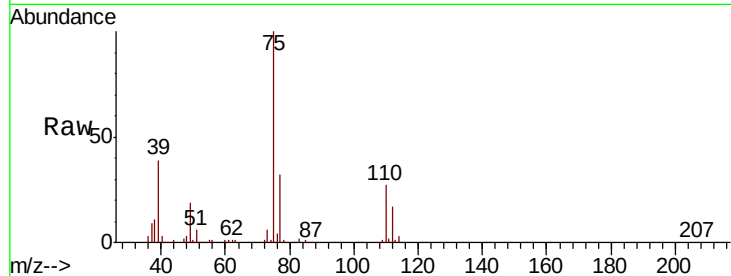
VX0918WBS02

Tgt Ion: 75 Resp: 72369

Ion Ratio Lower Upper

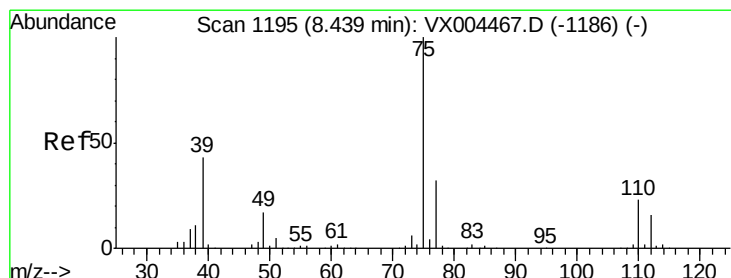
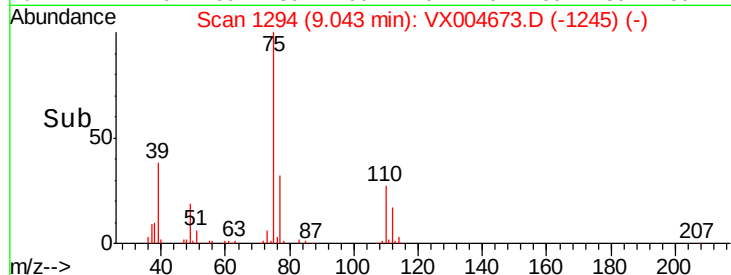
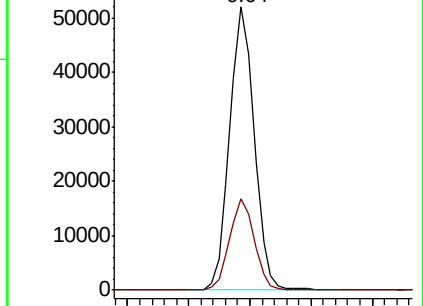
75 100

77 32.4 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.884 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

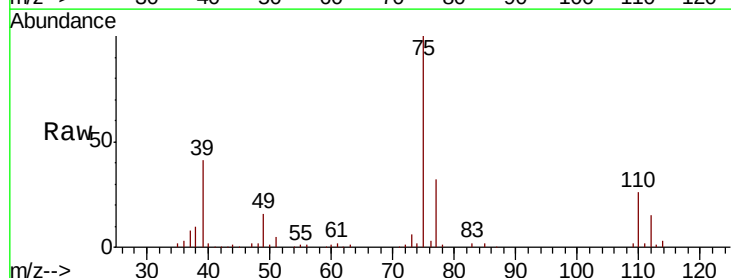
Tgt Ion: 75 Resp: 81759

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

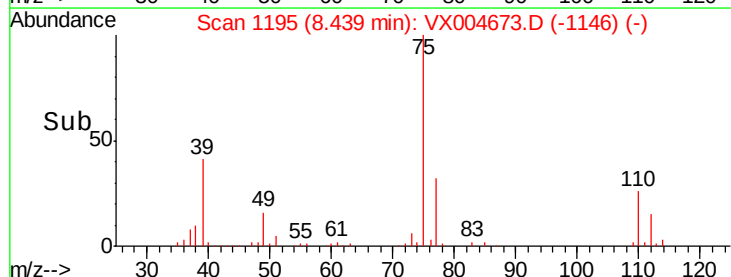
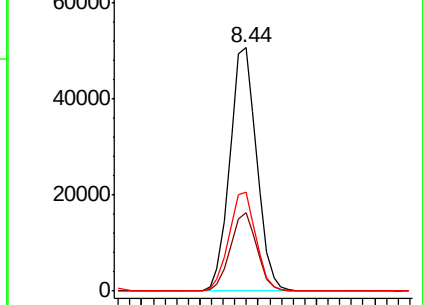
39 40.6 36.4 54.6

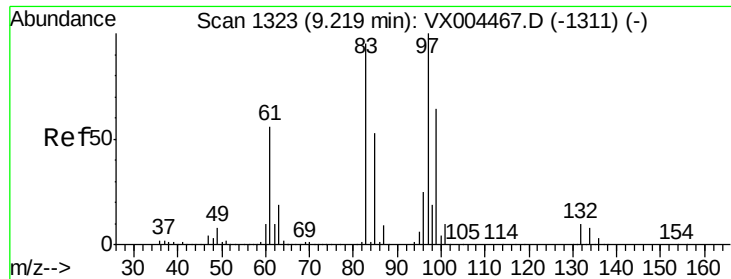


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

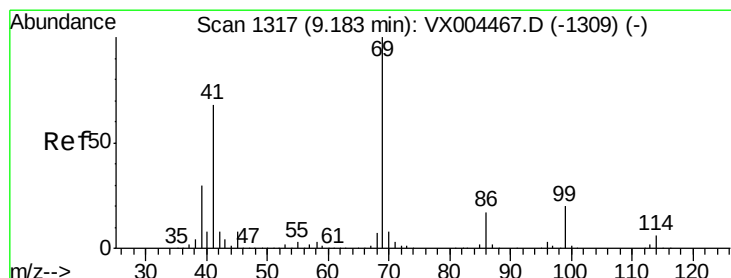
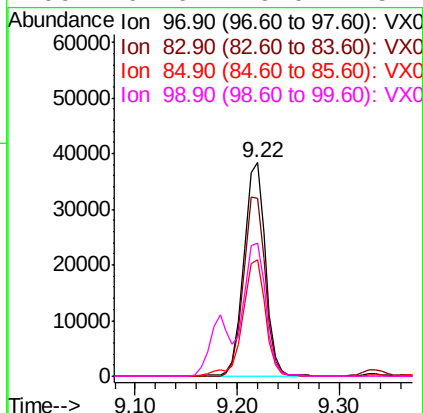
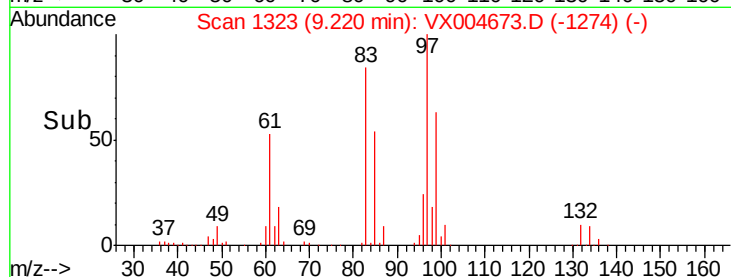
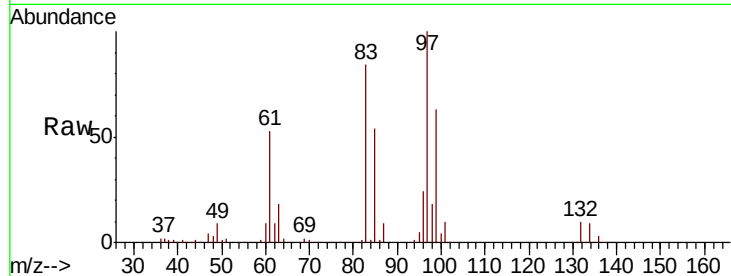




#55
 1,1,2-Trichloroethane
 Concen: 17.586 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

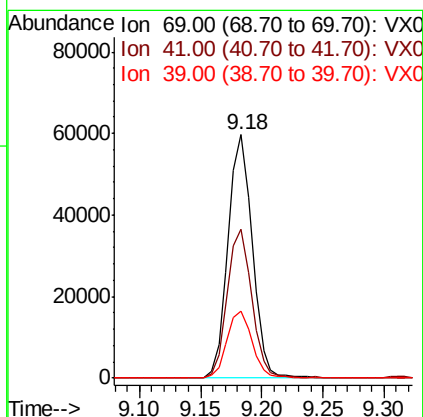
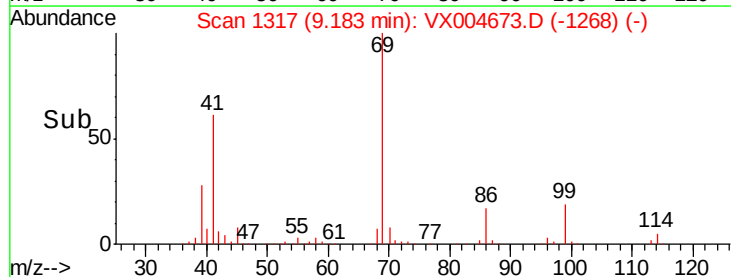
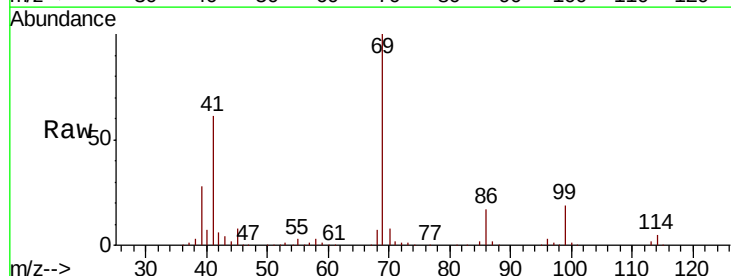
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

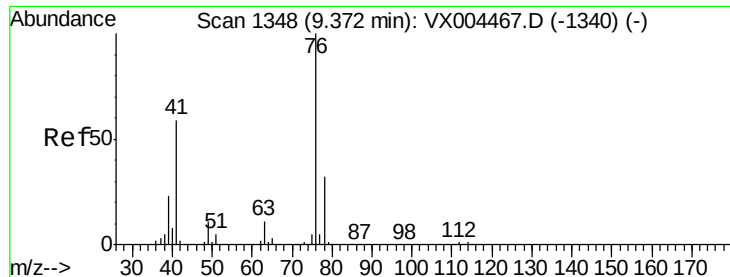
Tgt Ion:	97	Resp:	56423
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.4	99.6
85	54.4	43.3	64.9
99	62.6	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.055 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion:	69	Resp:	81950
Ion	Ratio	Lower	Upper
69	100		
41	61.5	51.0	76.4
39	28.6	26.1	39.1

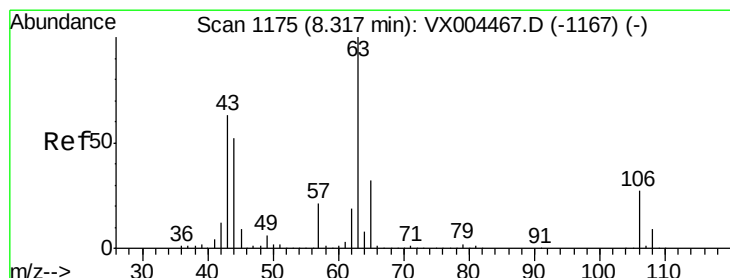
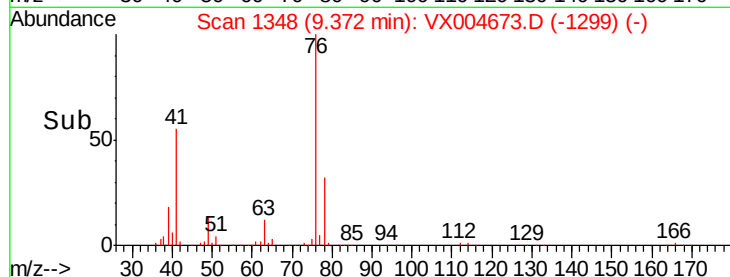
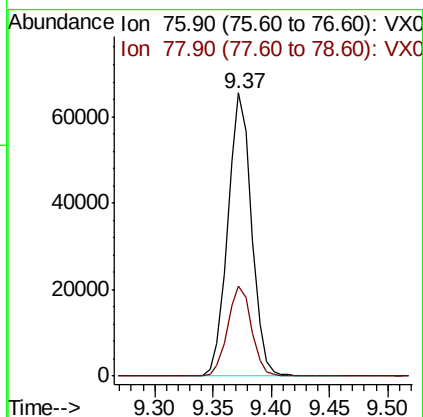
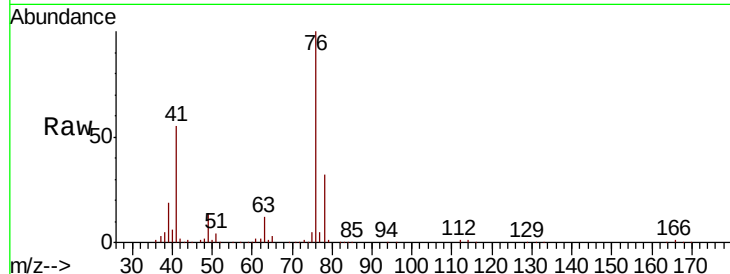




#57
 1,3-Dichloropropane
 Concen: 17.790 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

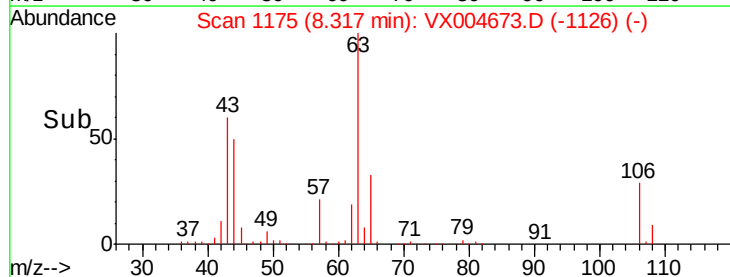
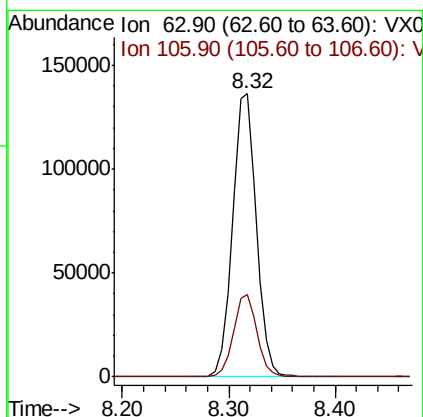
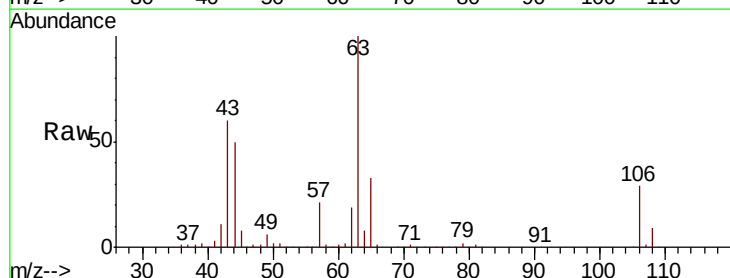
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

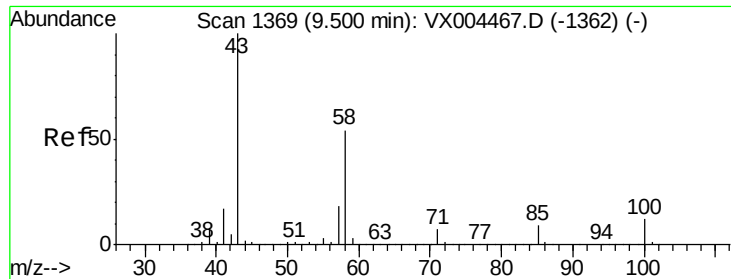
Tgt Ion: 76 Resp: 92739
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.120 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 63 Resp: 214000
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.9 35.9

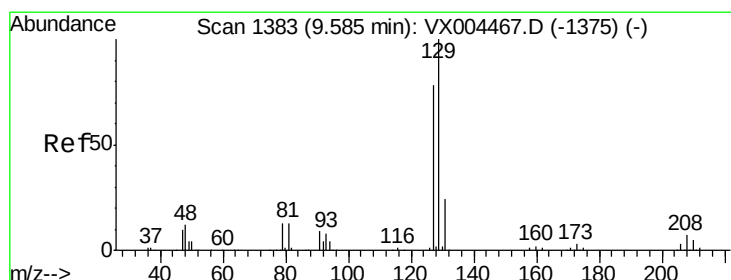
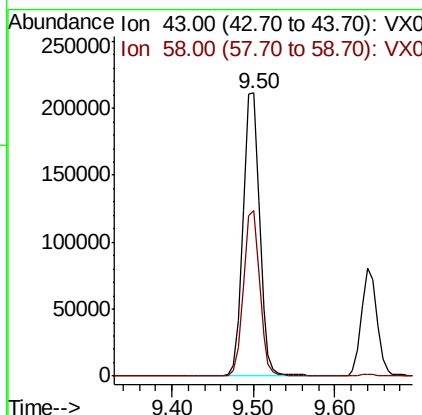
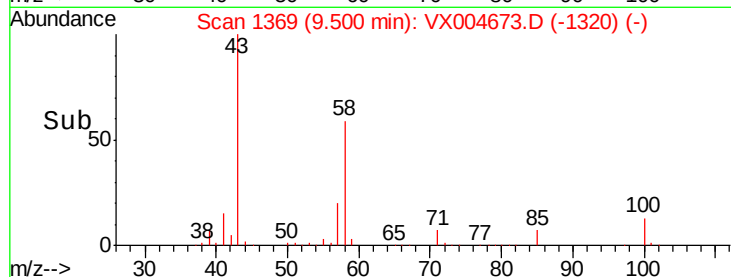
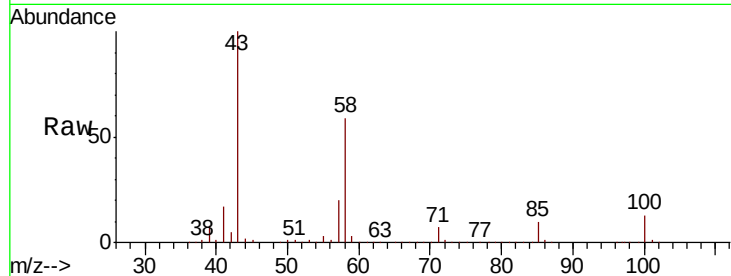




#59
2-Hexanone
Concen: 85.252 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

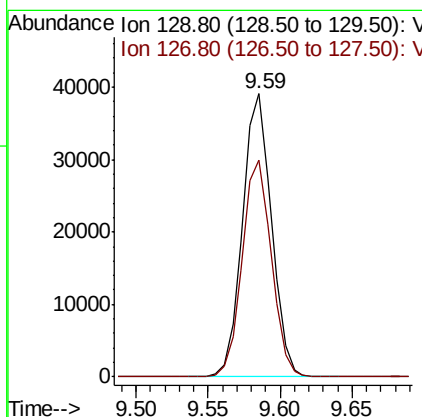
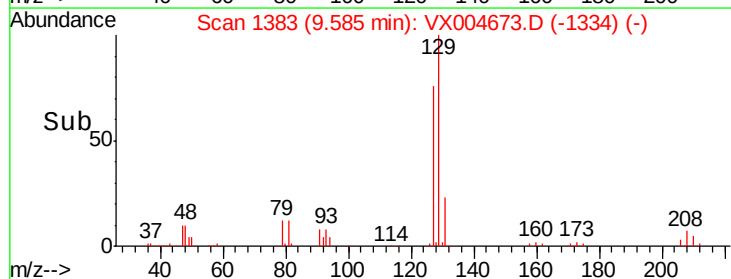
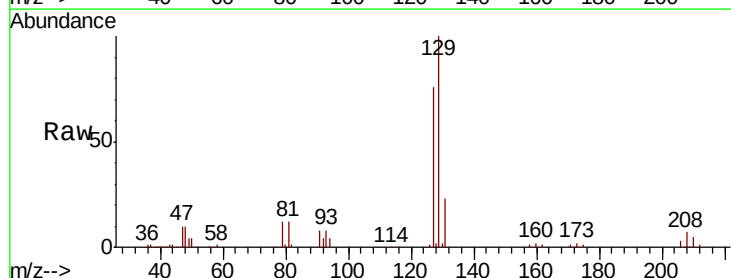
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

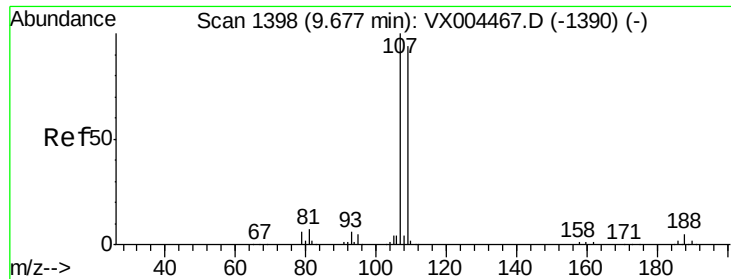
Tgt Ion: 43 Resp: 297143
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.0



#60
Dibromochloromethane
Concen: 17.970 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion: 129 Resp: 54278
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.908 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

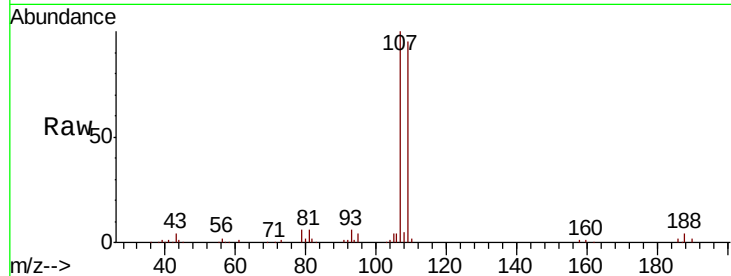
VX0918WBS02

Tgt Ion: 107 Resp: 57953

Ion Ratio Lower Upper

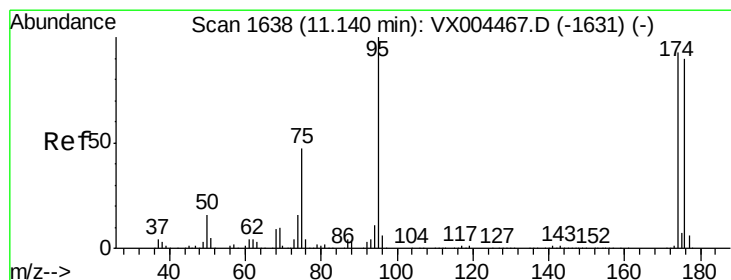
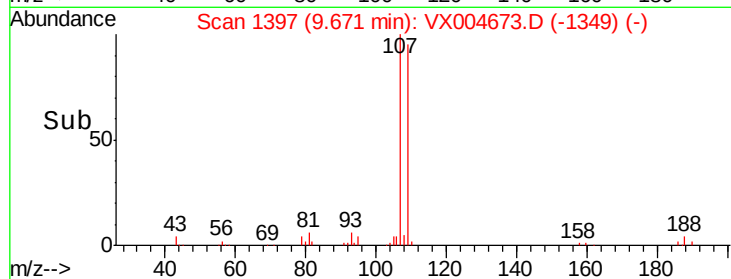
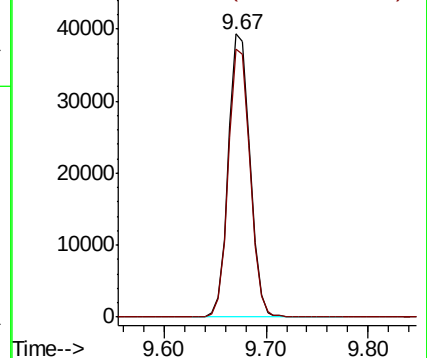
107 100

109 94.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.841 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

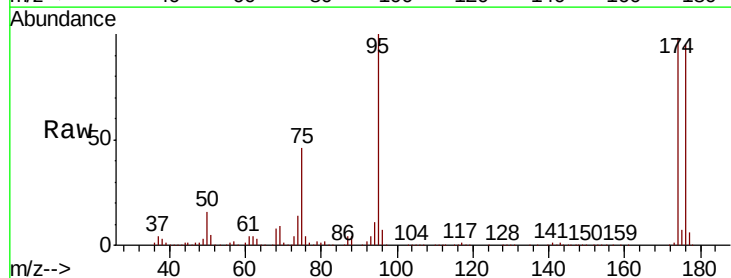
Tgt Ion: 95 Resp: 180151

Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.2

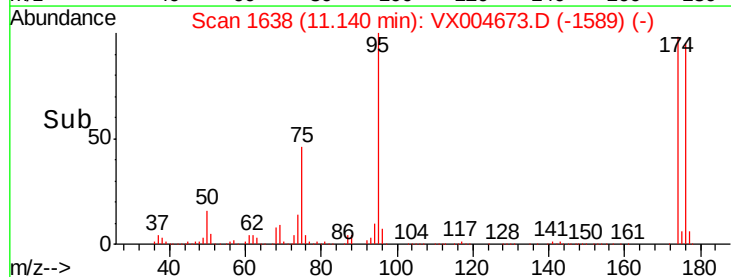
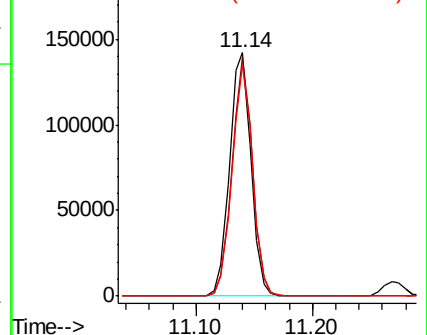
176 91.5 0.0 178.6

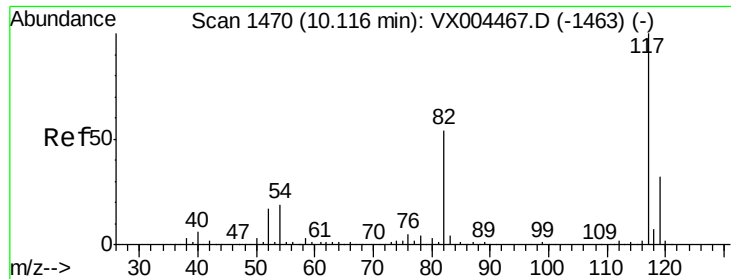


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

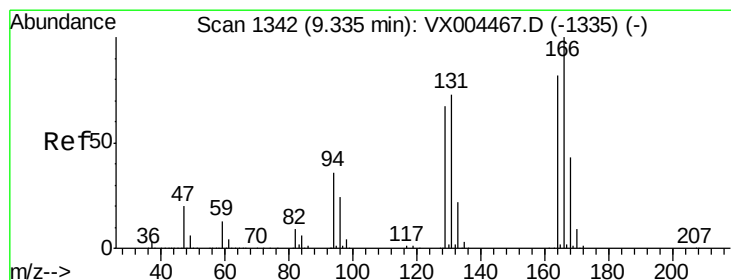
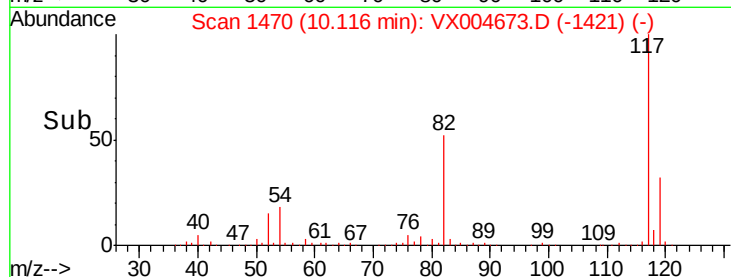
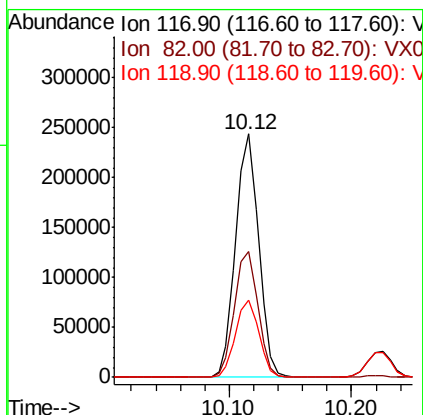
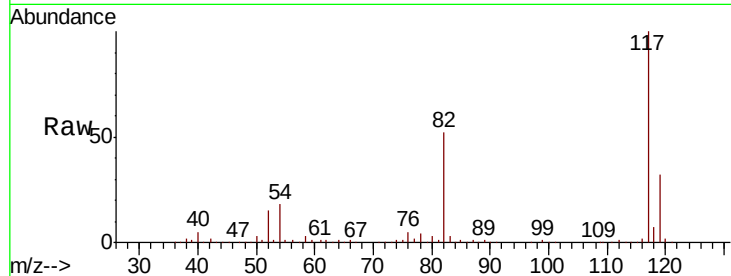




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

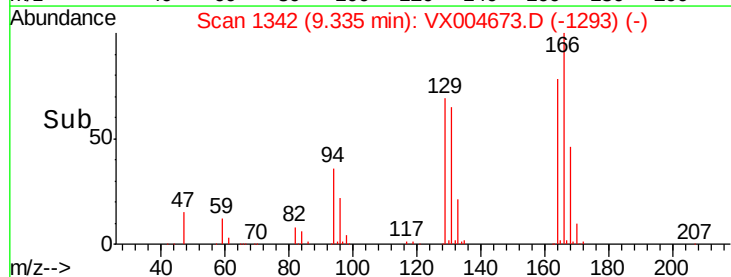
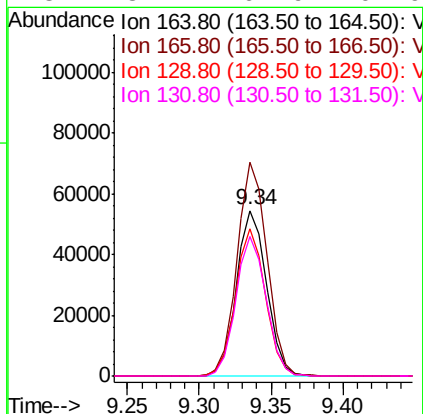
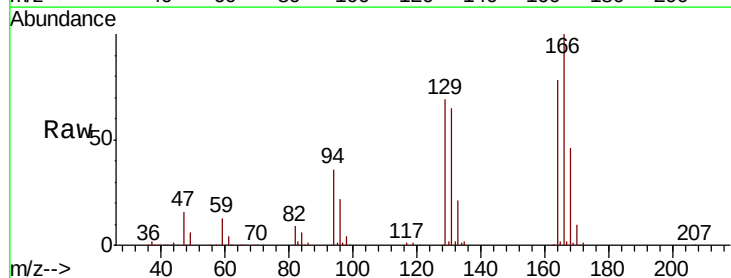
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

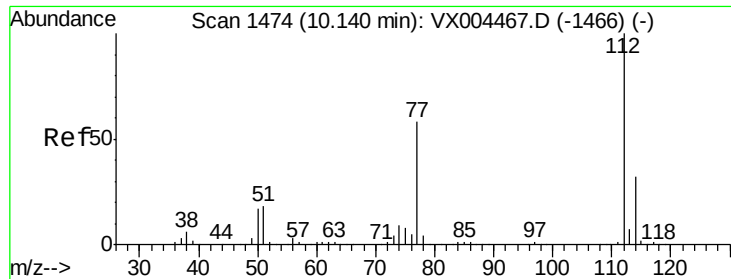
Tgt Ion:117 Resp: 318464
Ion Ratio Lower Upper
117 100
82 51.6 47.8 71.6
119 31.7 29.3 43.9



#64
Tetrachloroethene
Concen: 19.912 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion:164 Resp: 79174
Ion Ratio Lower Upper
164 100
166 129.0 102.8 154.2
129 88.9 69.4 104.0
131 84.4 67.9 101.9

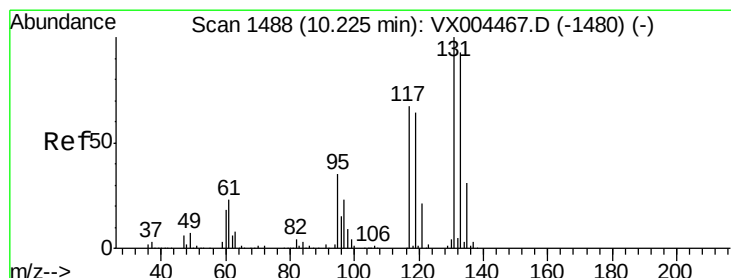
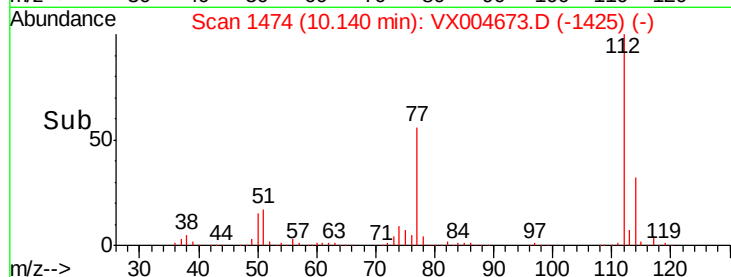
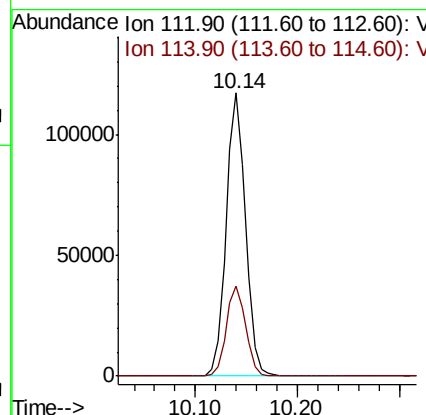
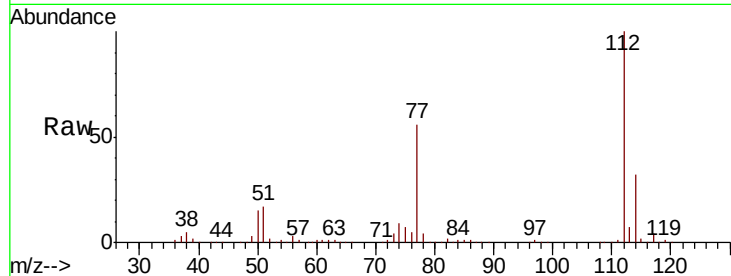




#65
Chlorobenzene
Concen: 19.579 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

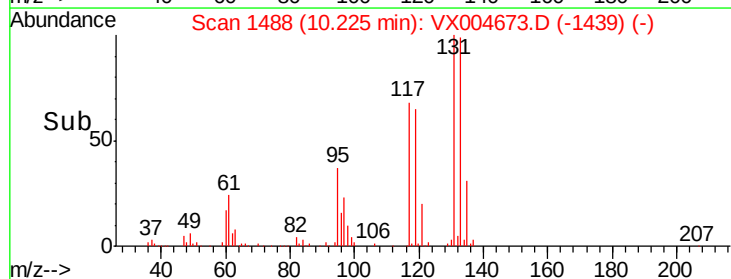
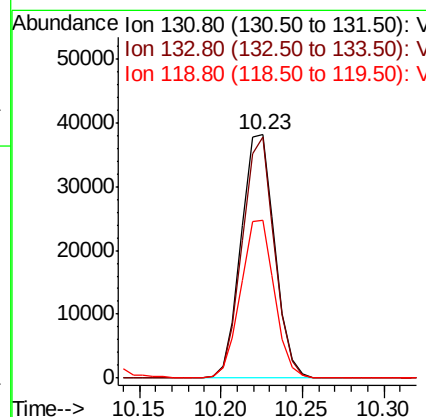
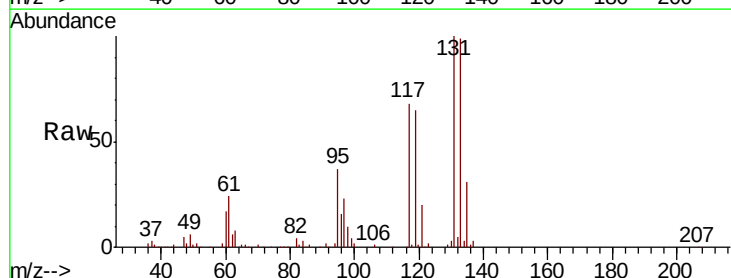
Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

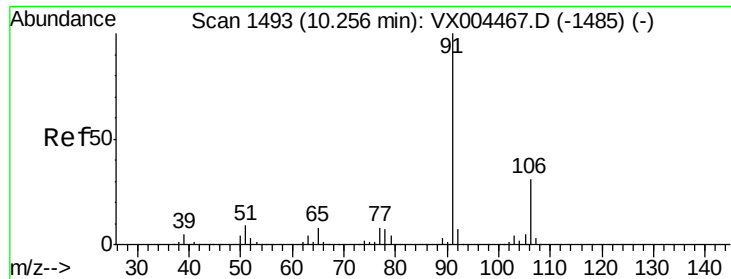
Tgt Ion:112 Resp: 154878
Ion Ratio Lower Upper
112 100
114 31.9 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.063 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion:131 Resp: 54730
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.4
119 65.1 32.9 98.6

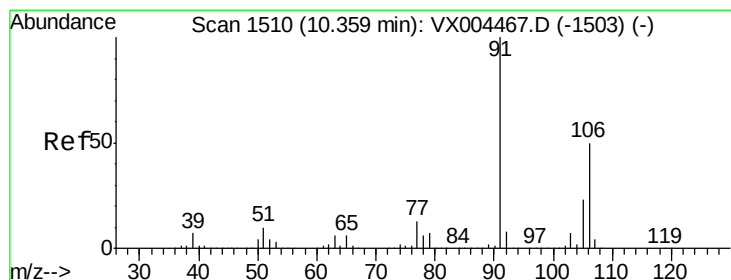
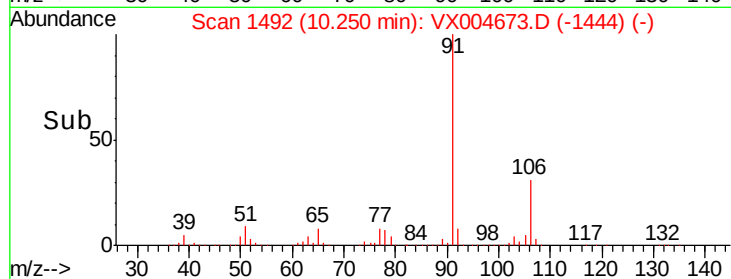
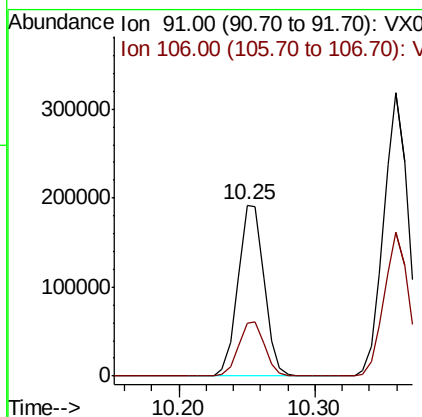
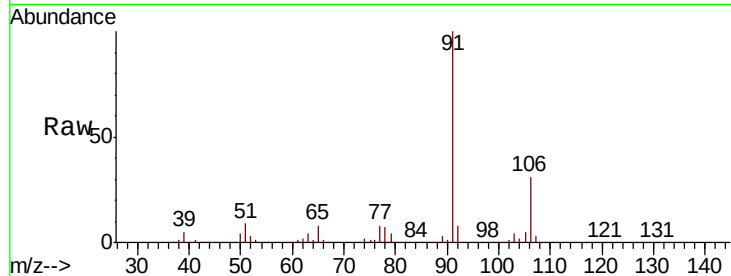




#67
 Ethyl Benzene
 Concen: 20.000 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

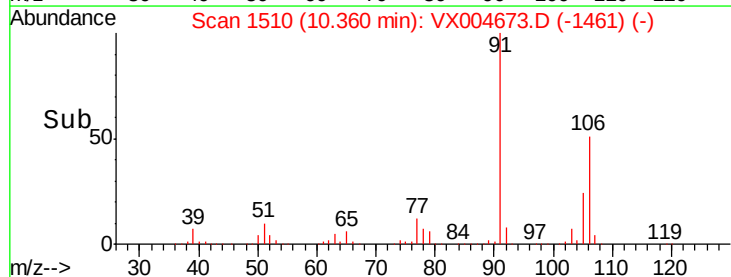
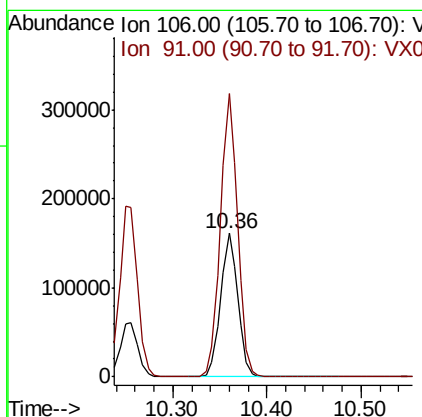
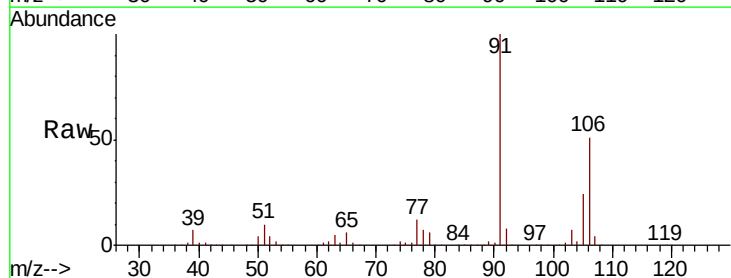
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

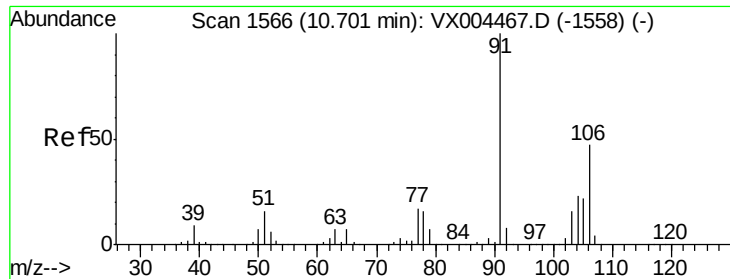
Tgt Ion: 91 Resp: 257257
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.9 38.9



#68
 m/p-Xylenes
 Concen: 41.288 ug/l
 RT: 10.36 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 106 Resp: 204569
 Ion Ratio Lower Upper
 106 100
 91 197.1 157.1 235.7

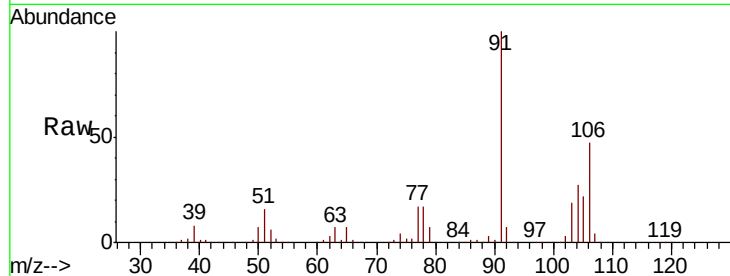




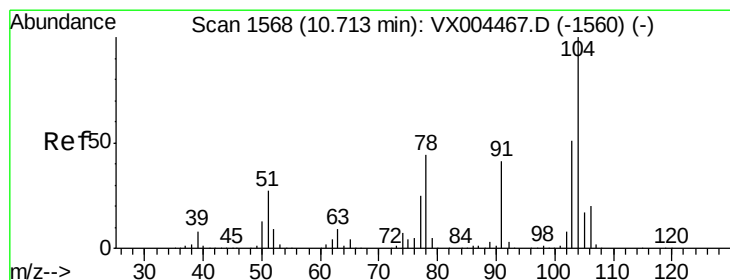
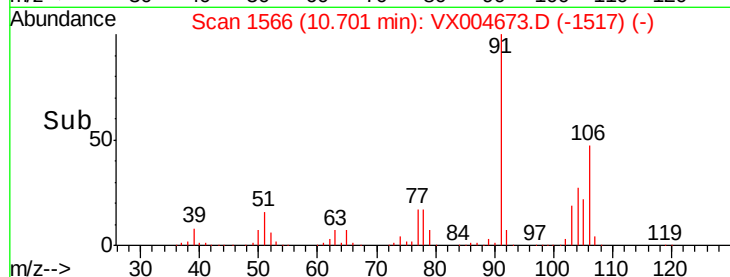
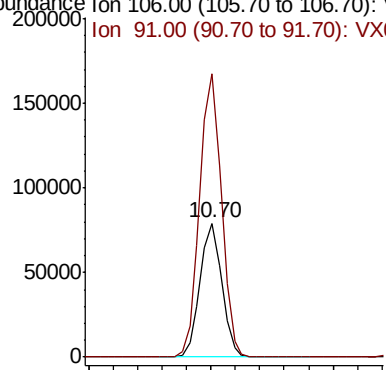
#69
o-Xylene
Concen: 20.415 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tgt Ion:106 Resp: 97244
Ion Ratio Lower Upper
106 100
91 213.1 105.1 315.1

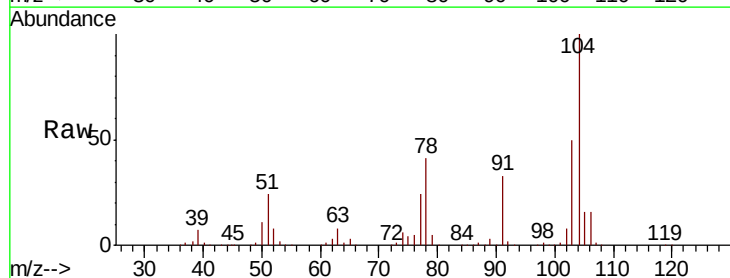


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

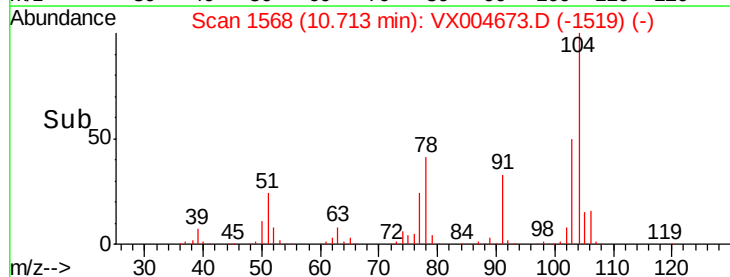
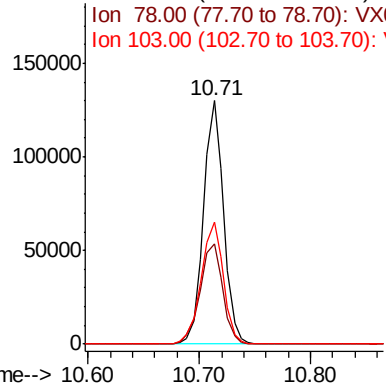


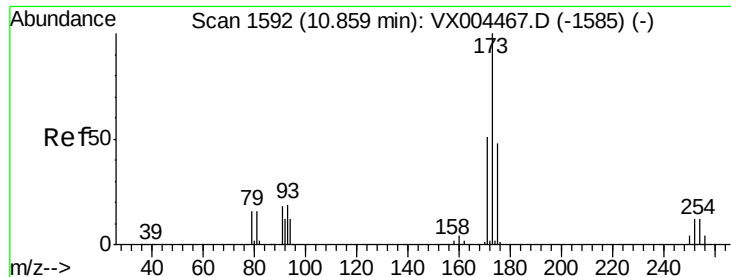
#70
Styrene
Concen: 20.557 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion:104 Resp: 162223
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.0
103 55.4 43.8 65.6



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





#71

Bromoform

Concen: 19.131 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

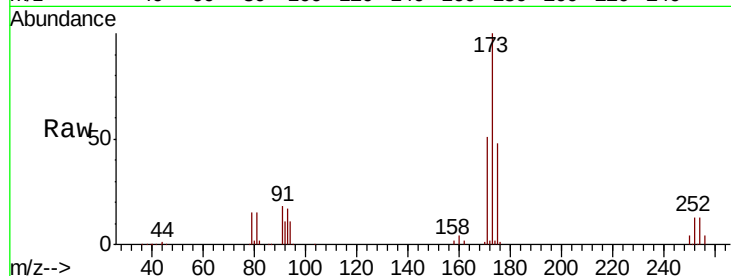
Tgt Ion:173 Resp: 42850

Ion Ratio Lower Upper

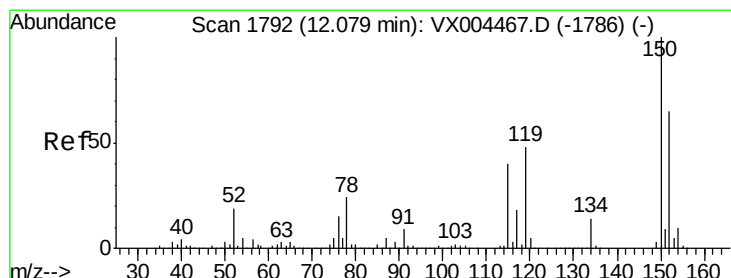
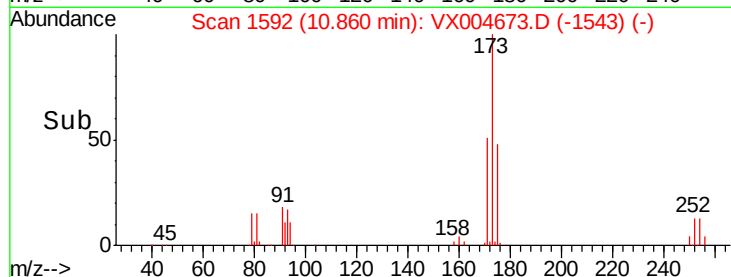
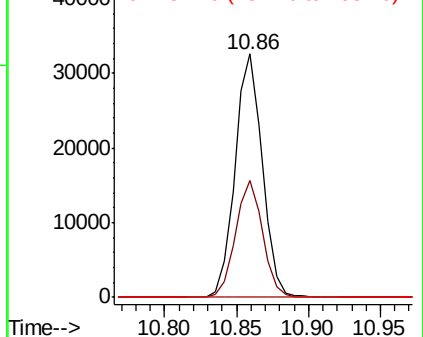
173 100

175 47.9 24.1 72.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

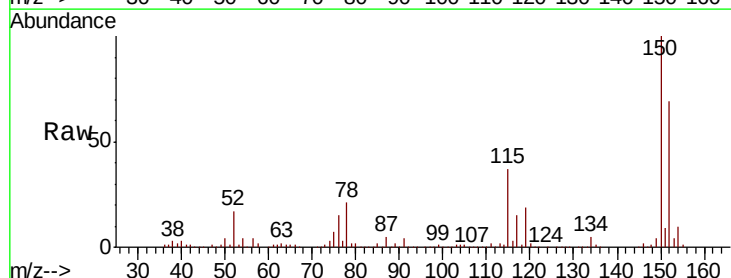
Tgt Ion:152 Resp: 217971

Ion Ratio Lower Upper

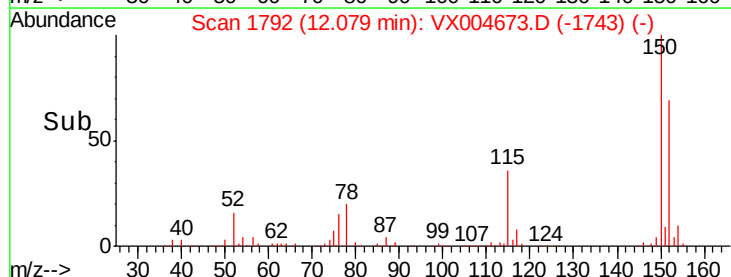
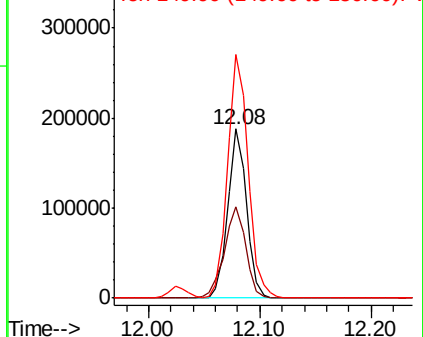
152 100

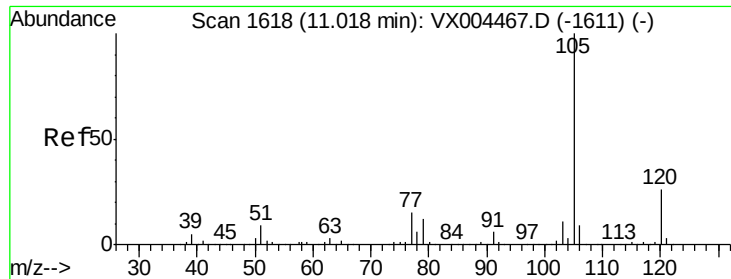
115 61.5 39.0 117.0

150 158.0 0.0 351.0



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

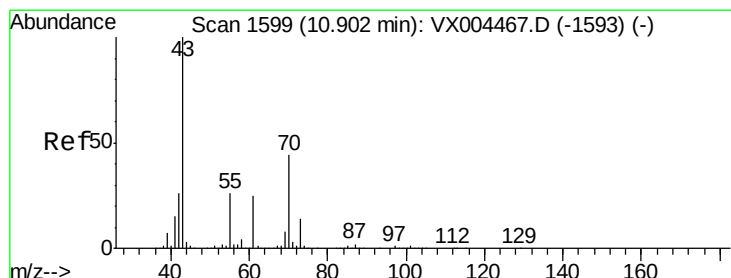
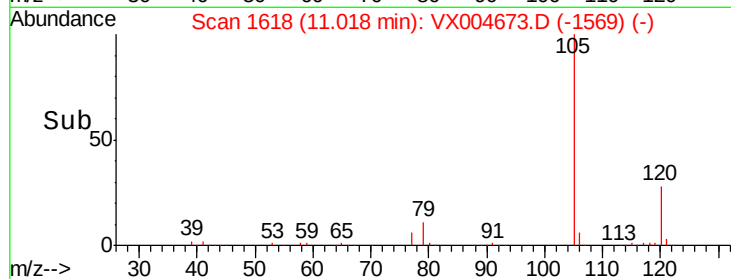
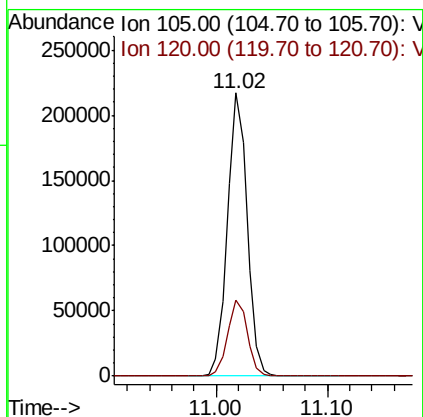
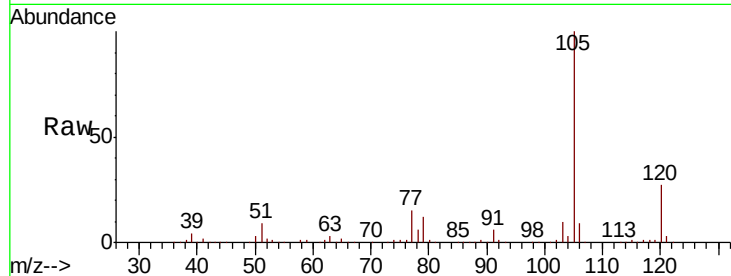




#73
Isopropylbenzene
Concen: 18.506 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

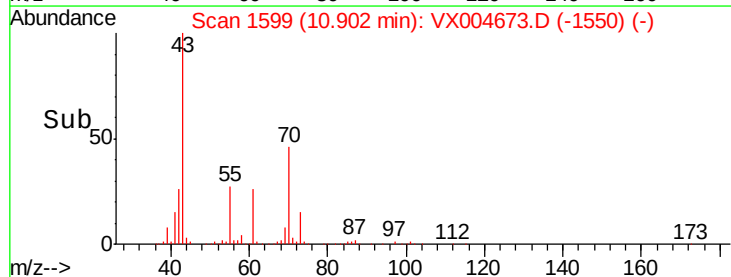
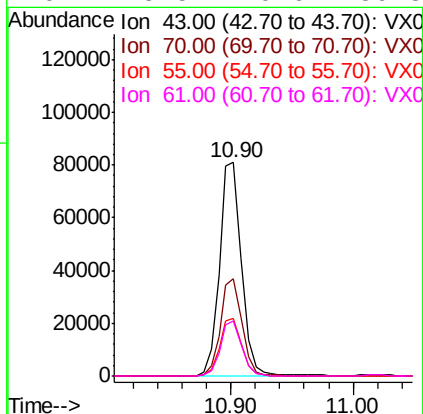
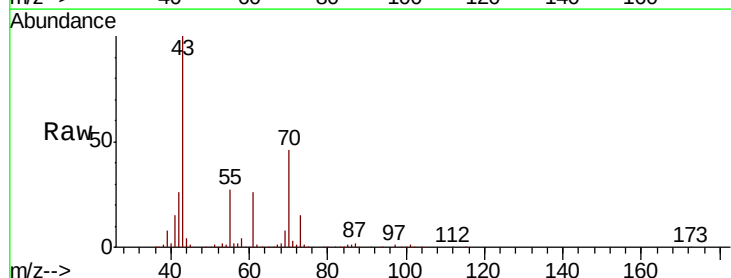
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

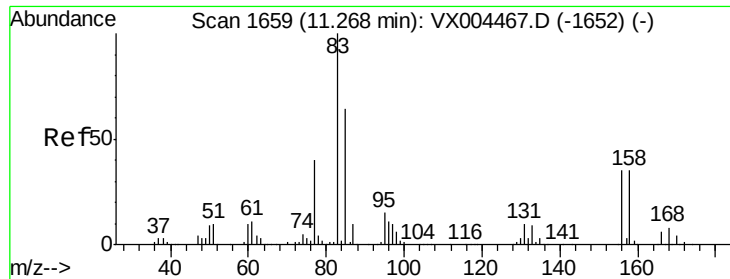
Tgt Ion: 105 Resp: 265666
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 16.724 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion: 43 Resp: 101053
Ion Ratio Lower Upper
43 100
70 45.0 37.4 56.0
55 27.3 21.8 32.8
61 25.5 20.6 30.8

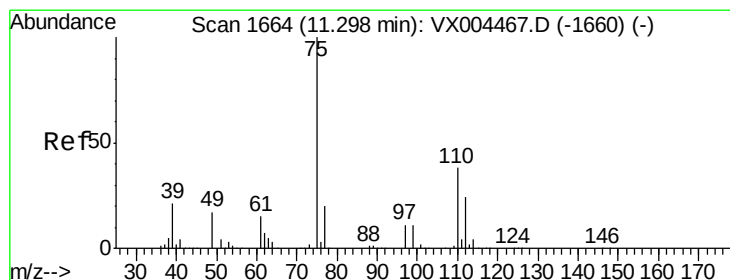
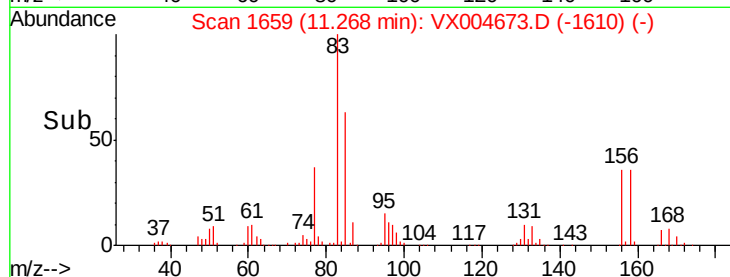
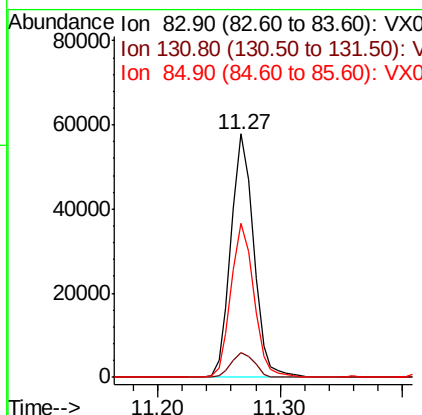
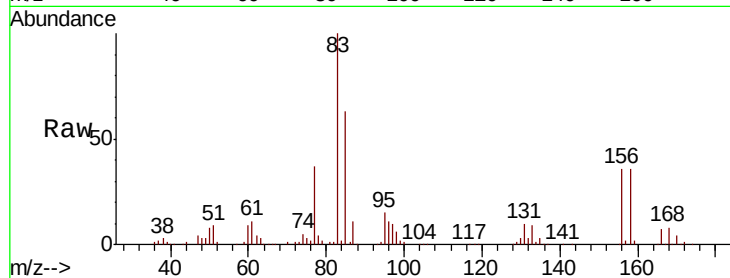




#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.107 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

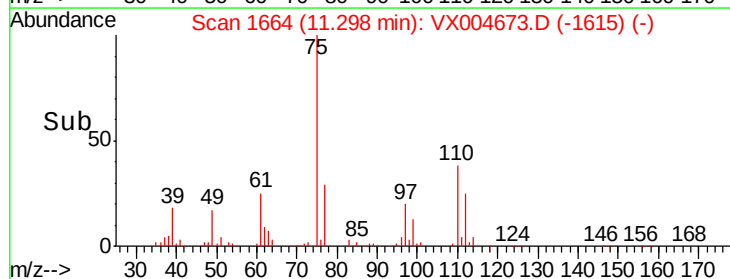
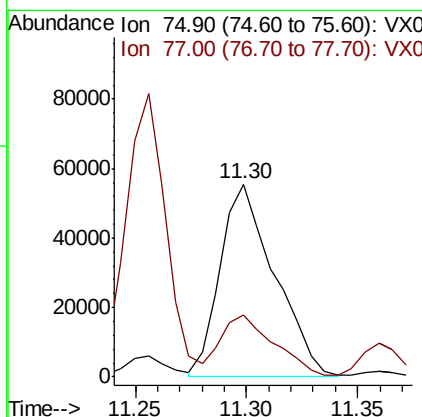
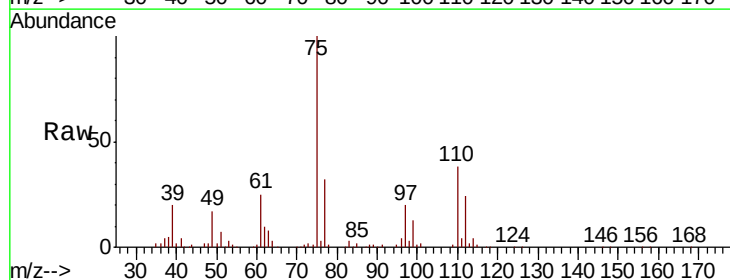
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

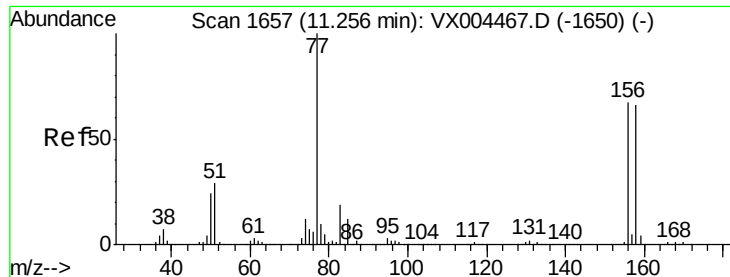
Tgt Ion: 83 Resp: 74580
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.2 15.6
 85 63.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 21.416 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 75 Resp: 93916
 Ion Ratio Lower Upper
 75 100
 77 31.9 20.2 60.6





#77

Bromobenzene

Concen: 18.223 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

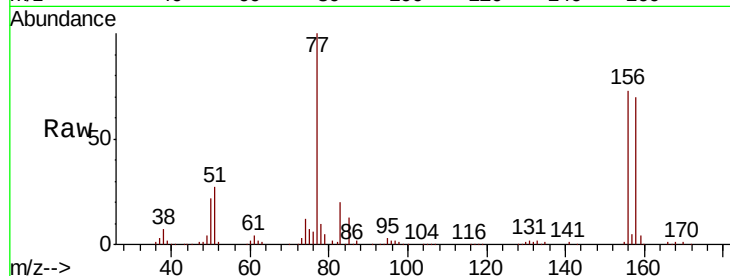
Tgt Ion:156 Resp: 72305

Ion Ratio Lower Upper

156 100

77 141.6 71.5 214.3

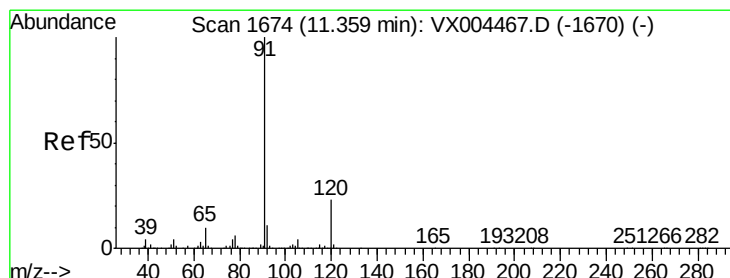
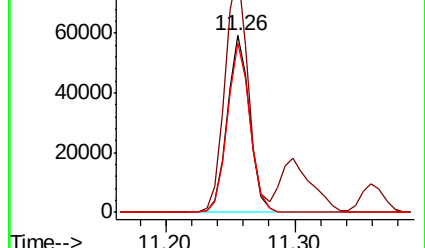
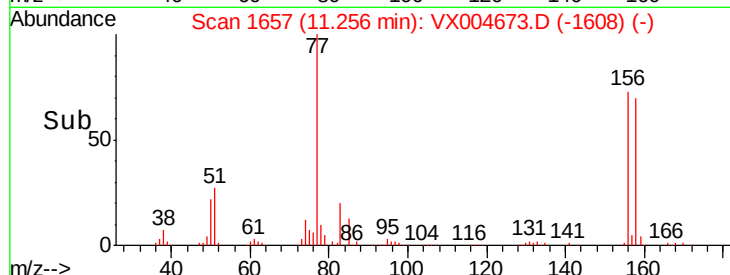
158 96.6 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.180 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004673.D

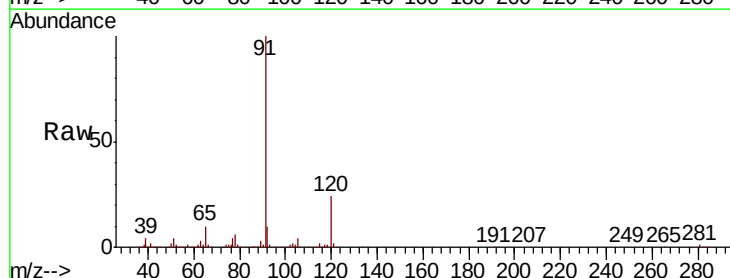
Acq: 18 Sep 2018 22:56

Tgt Ion: 91 Resp: 300077

Ion Ratio Lower Upper

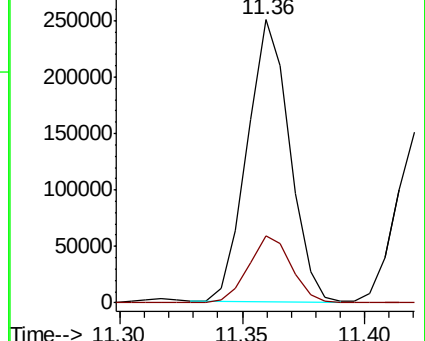
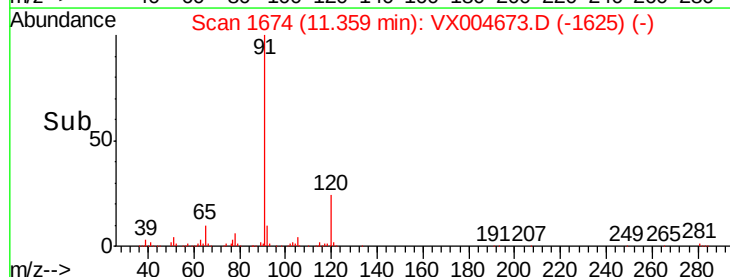
91 100

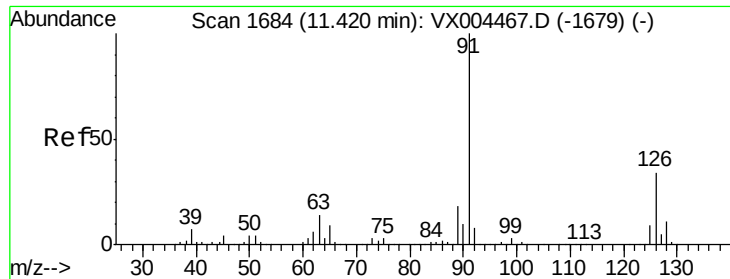
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

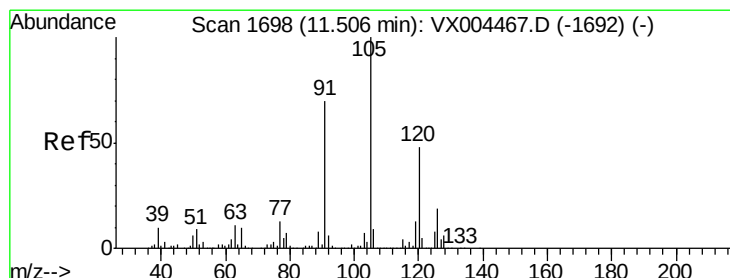
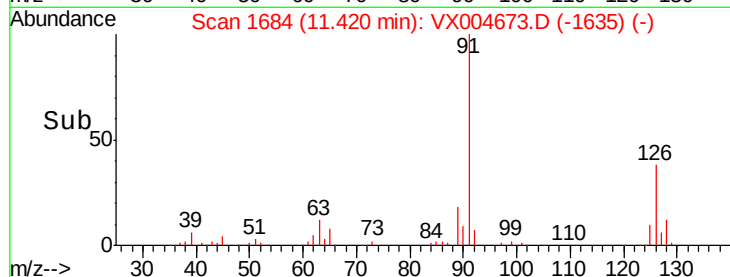
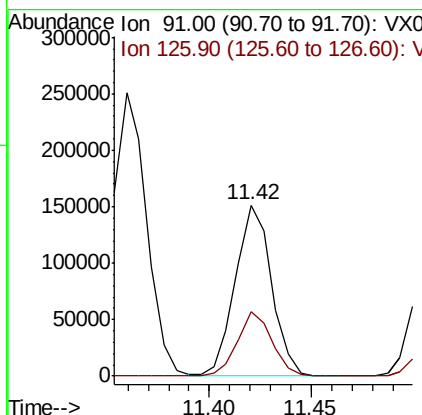
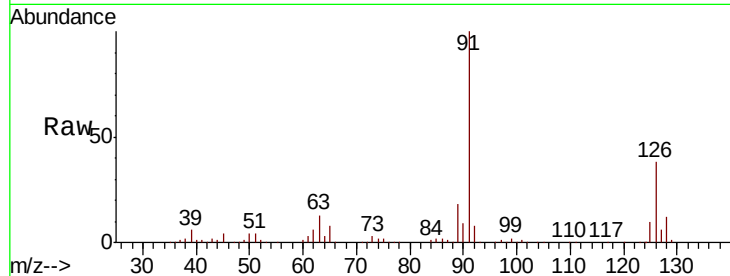




#79
 2-Chlorotoluene
 Concen: 18.524 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

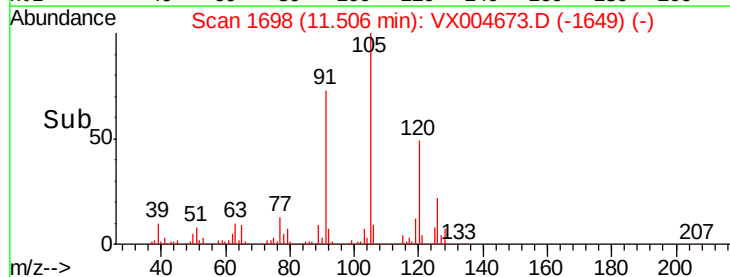
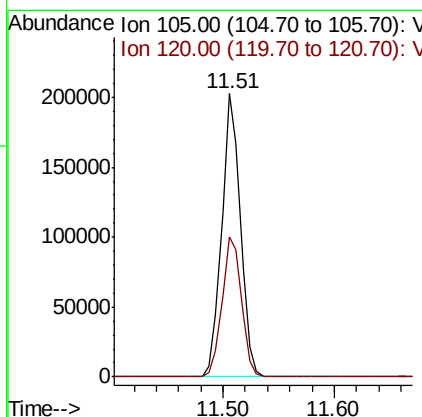
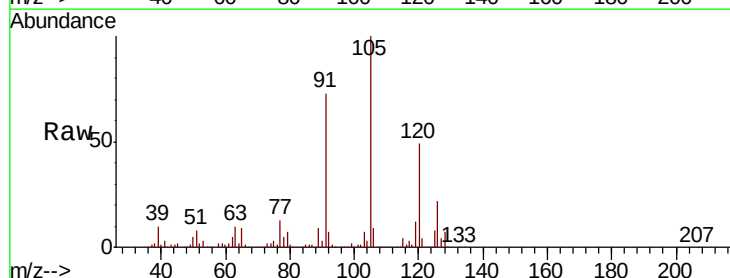
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

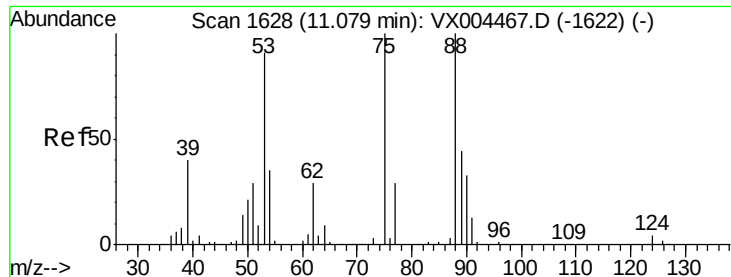
Tgt Ion: 91 Resp: 185438
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.525 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion: 105 Resp: 235632
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.493 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

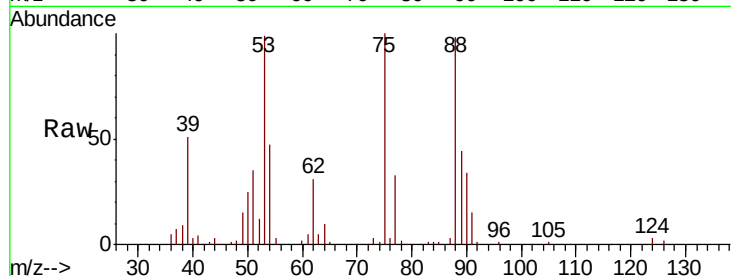
Tgt Ion: 75 Resp: 21316

Ion Ratio Lower Upper

75 100

53 98.3 80.1 120.1

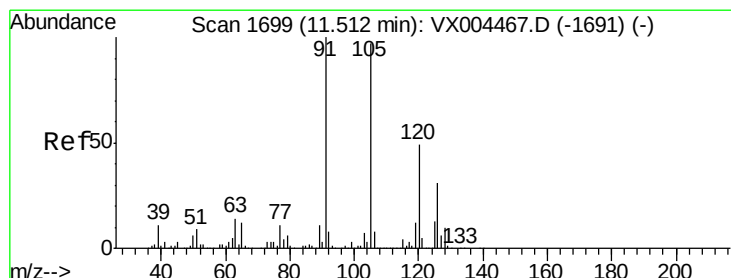
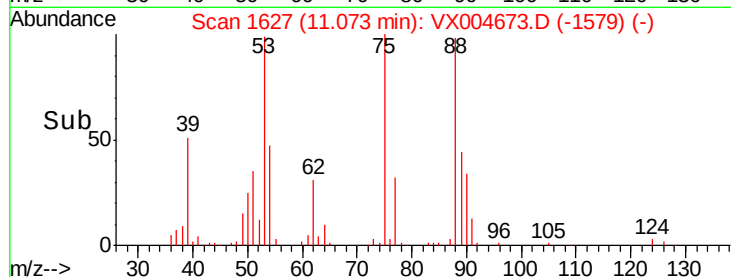
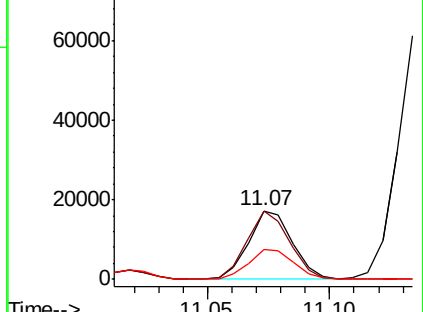
89 45.6 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.709 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004673.D

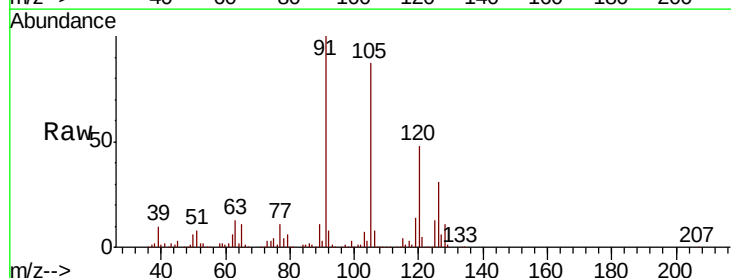
Acq: 18 Sep 2018 22:56

Tgt Ion: 91 Resp: 230277

Ion Ratio Lower Upper

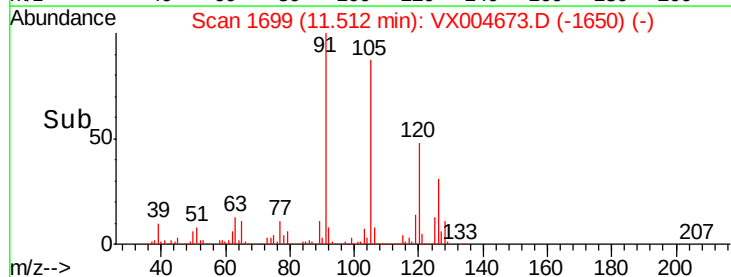
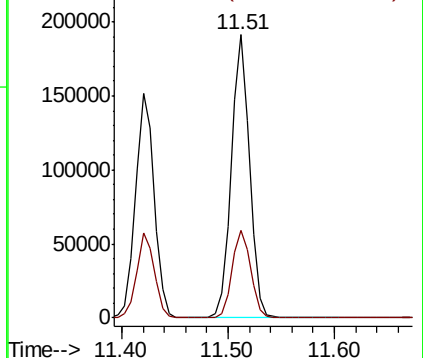
91 100

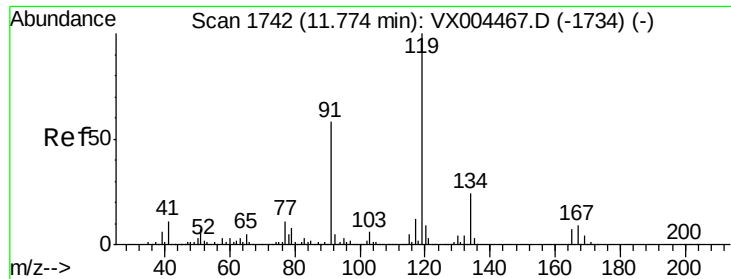
126 31.6 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

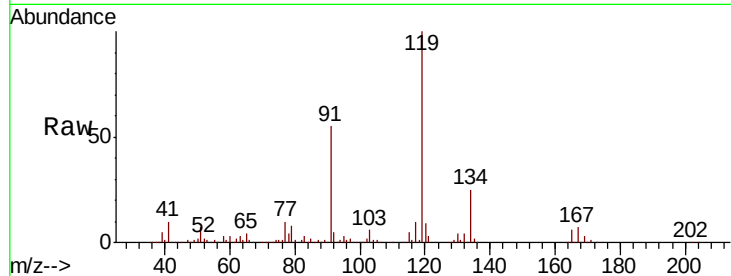




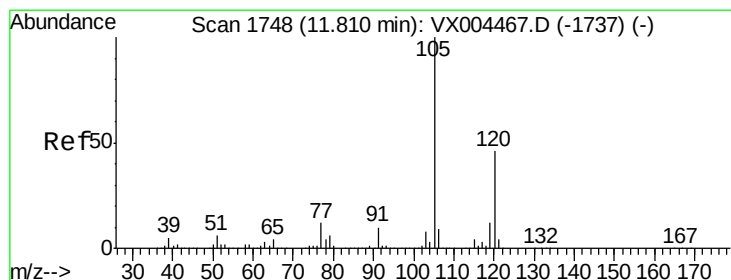
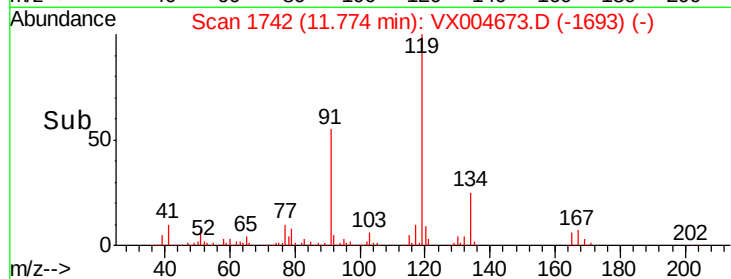
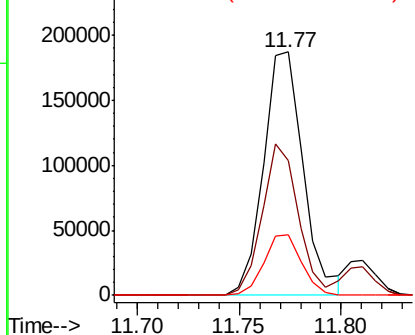
#83
 tert-Butylbenzene
 Concen: 22.139 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBS02

Tgt Ion:119 Resp: 254363
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.0 81.0
 134 23.8 11.7 35.1

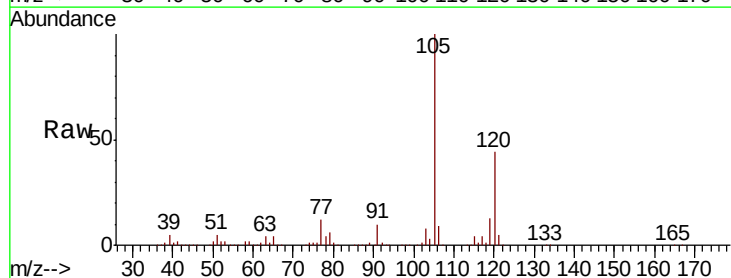


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

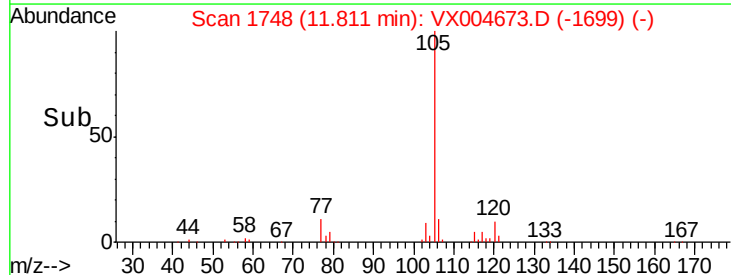
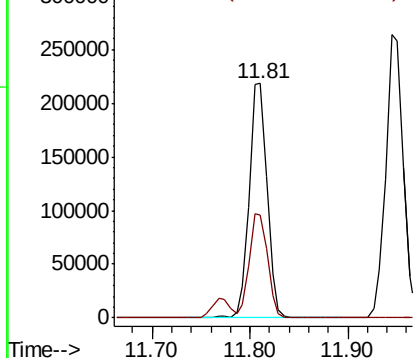


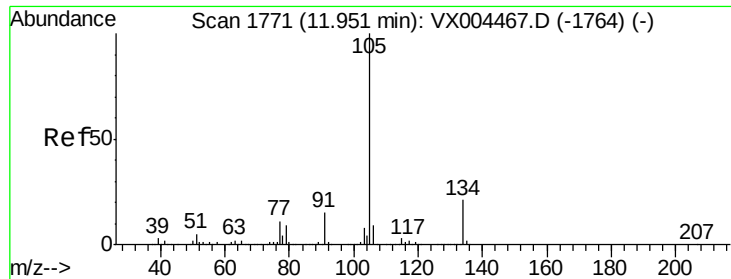
#84
 1,2,4-Trimethylbenzene
 Concen: 22.585 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion:105 Resp: 278279
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.319 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

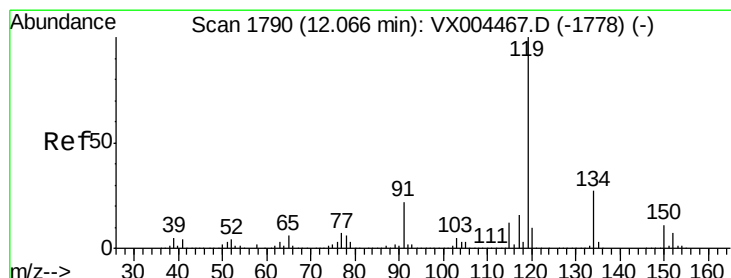
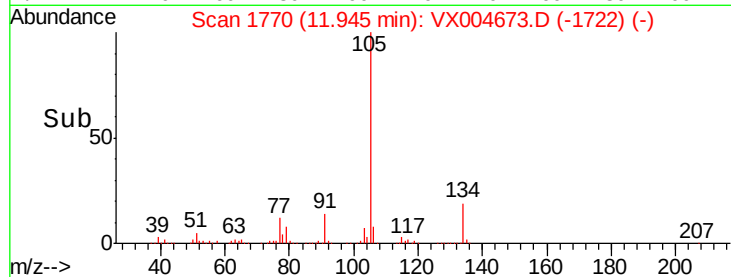
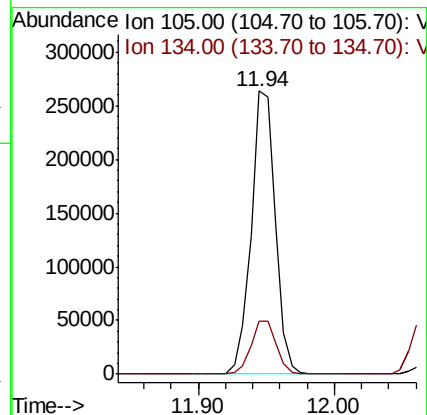
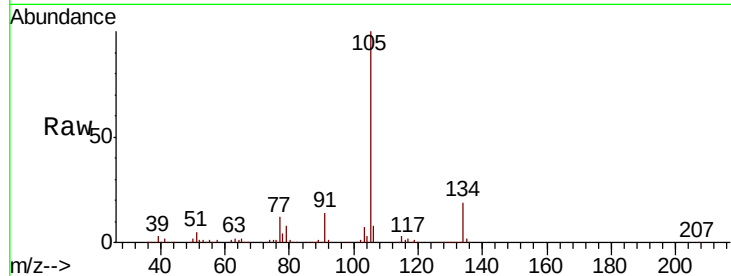
VX0918WBS02

Tgt Ion:105 Resp: 326772

Ion Ratio Lower Upper

105 100

134 19.7 10.5 31.5



#86

p-Isopropyltoluene

Concen: 20.434 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

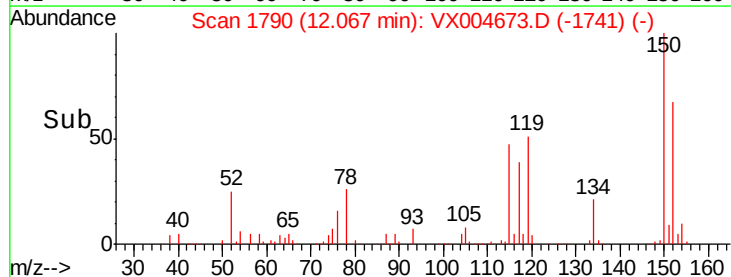
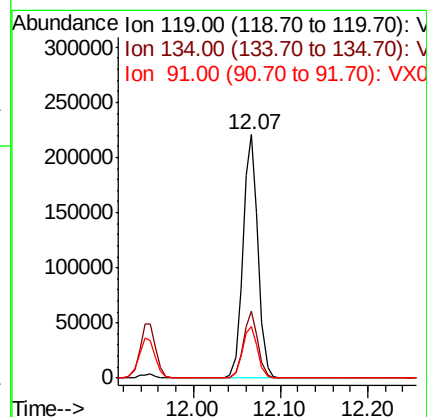
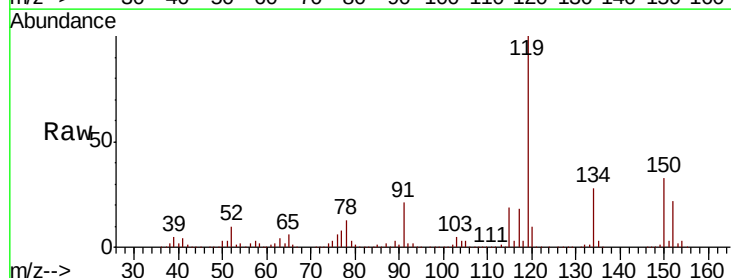
Tgt Ion:119 Resp: 264187

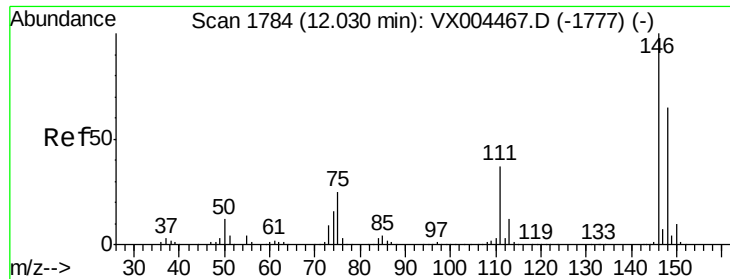
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 21.9 10.9 32.7

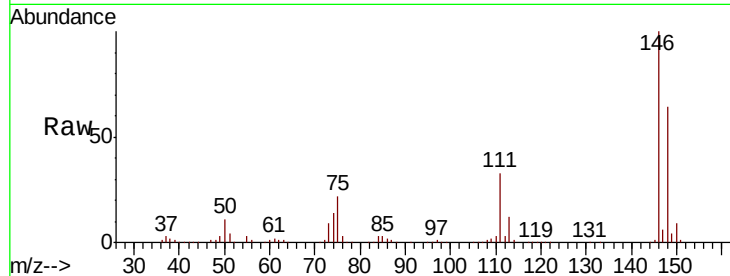




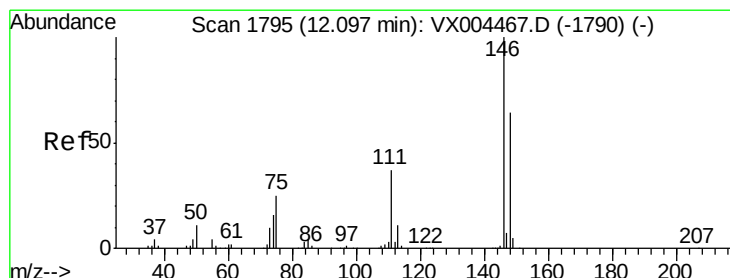
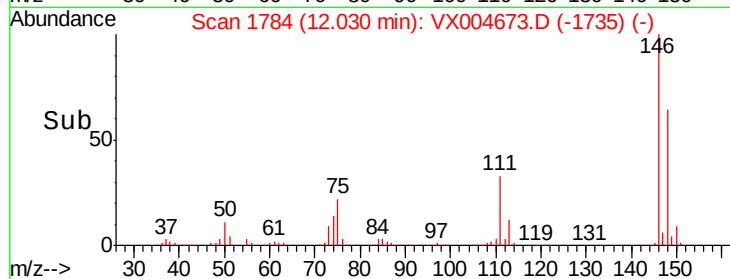
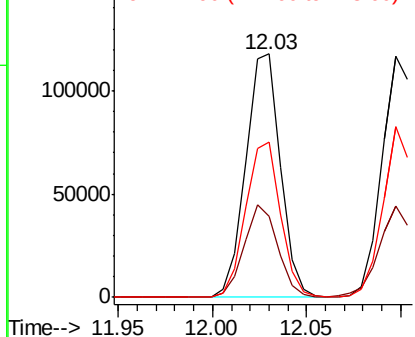
#87
 1,3-Dichlorobenzene
 Concen: 20.345 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tgt Ion:146 Resp: 150612
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.7 56.1
 148 64.2 32.1 96.5

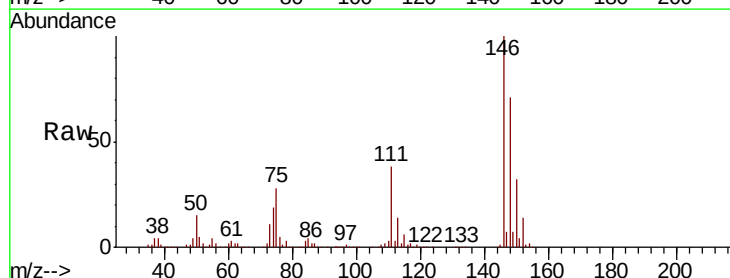


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

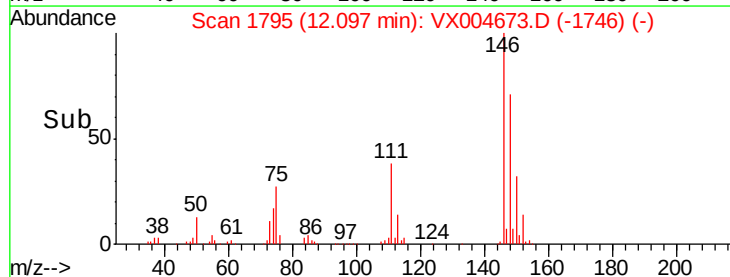
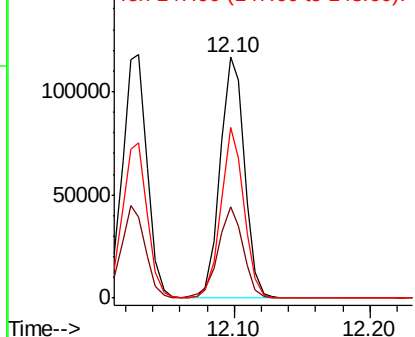


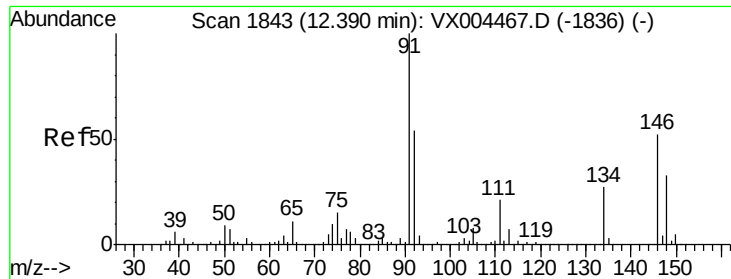
#88
 1,4-Dichlorobenzene
 Concen: 18.849 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion:146 Resp: 144182
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.1 54.1
 148 67.0 32.0 96.0



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

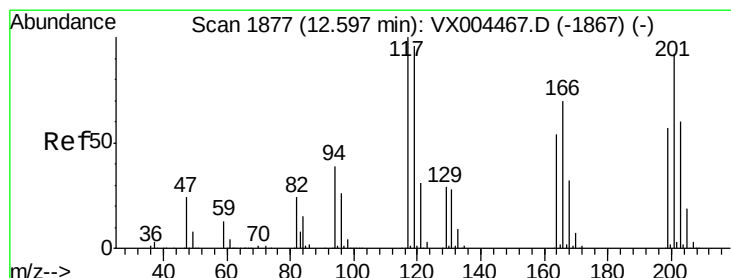
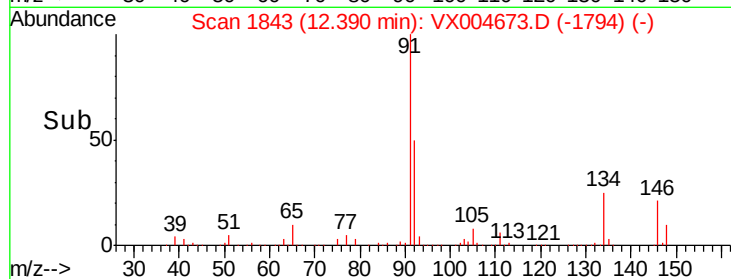
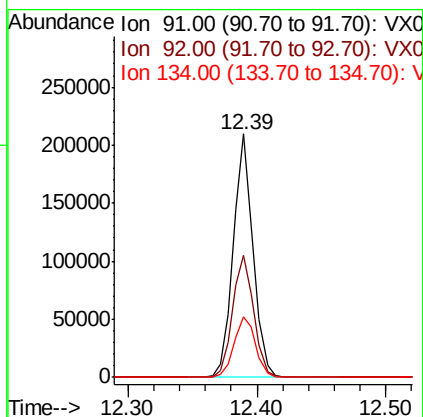
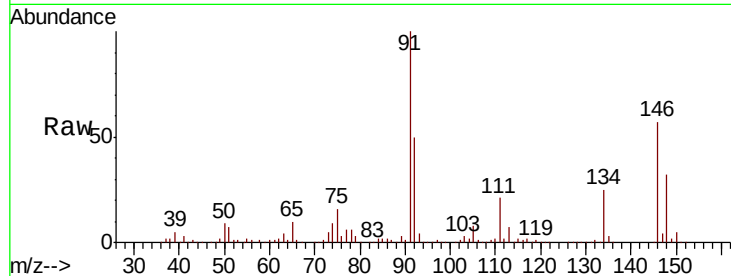




#89
n-Butylbenzene
Concen: 19.124 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

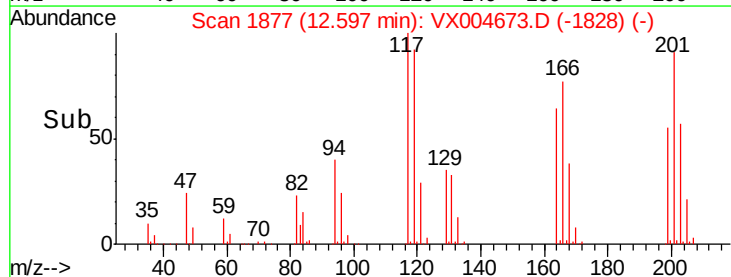
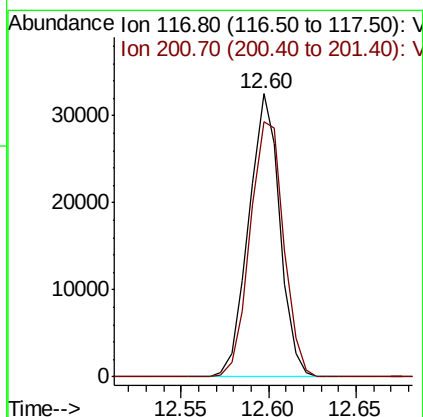
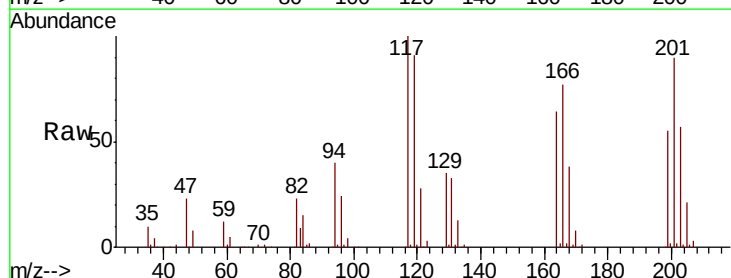
Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

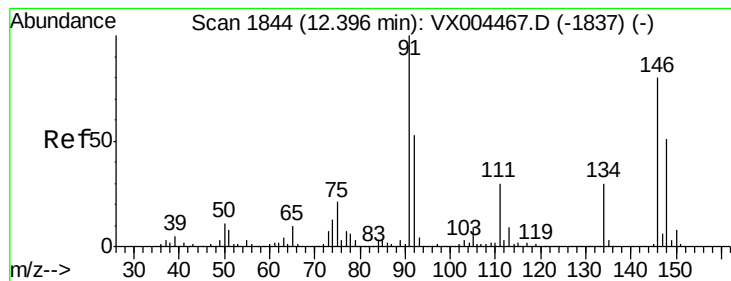
Tgt Ion: 91 Resp: 225315
Ion Ratio Lower Upper
91 100
92 53.3 27.3 81.9
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 19.396 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004673.D
Acq: 18 Sep 2018 22:56

Tgt Ion: 117 Resp: 40146
Ion Ratio Lower Upper
117 100
201 97.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.257 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

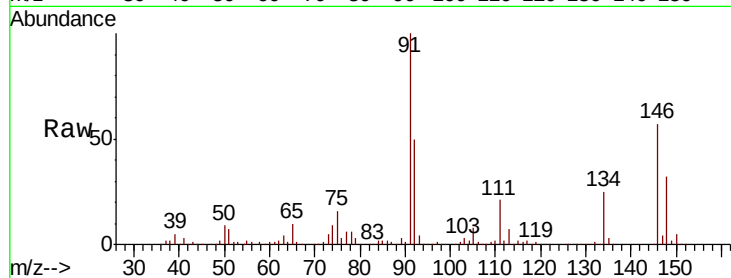
Tgt Ion:146 Resp: 151788

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.1

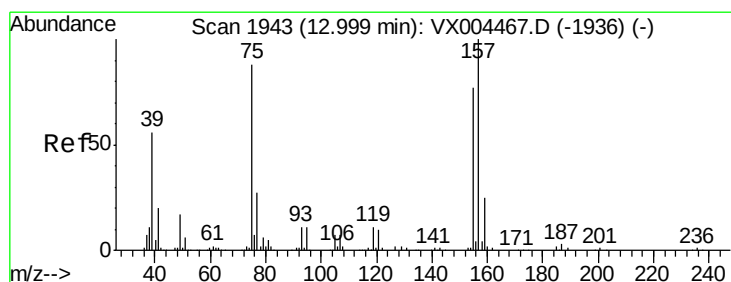
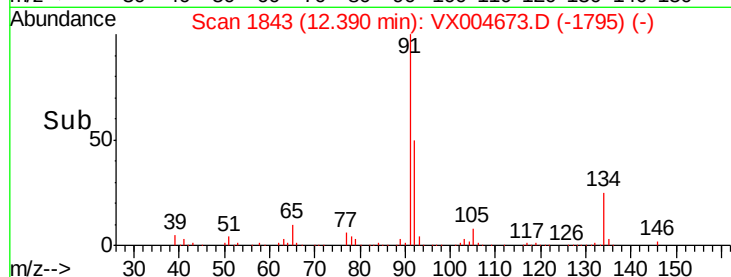
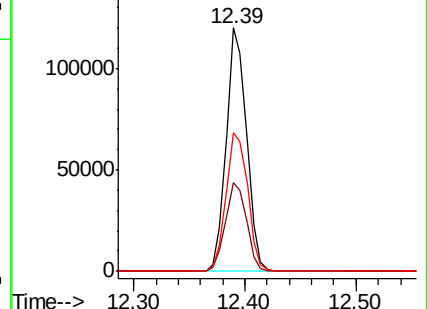
148 60.6 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.786 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

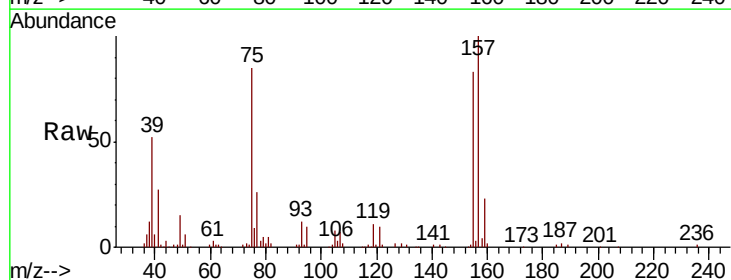
Tgt Ion: 75 Resp: 19562

Ion Ratio Lower Upper

75 100

155 102.0 48.0 144.2

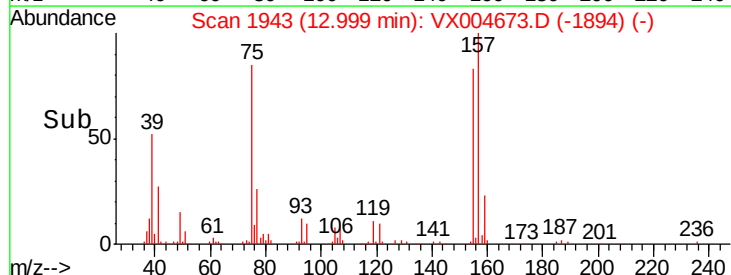
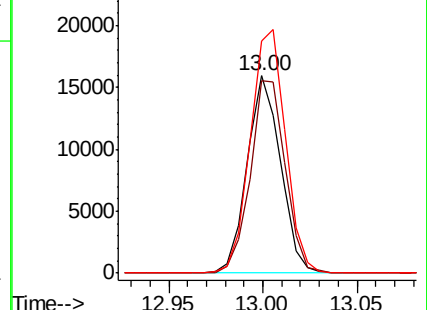
157 129.7 61.4 184.1

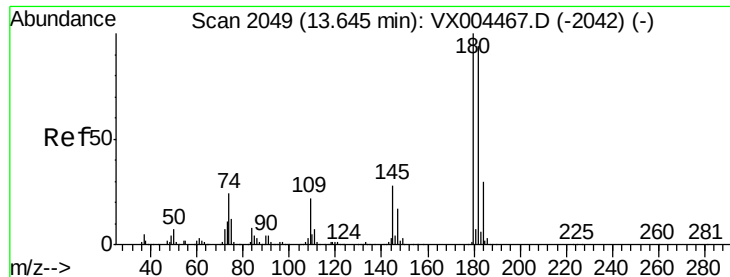


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

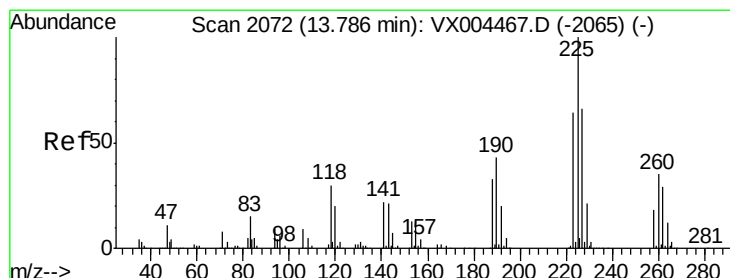
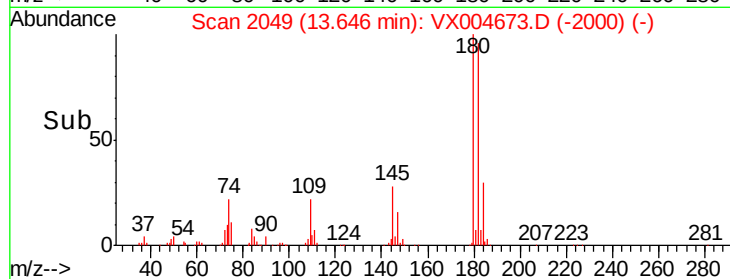
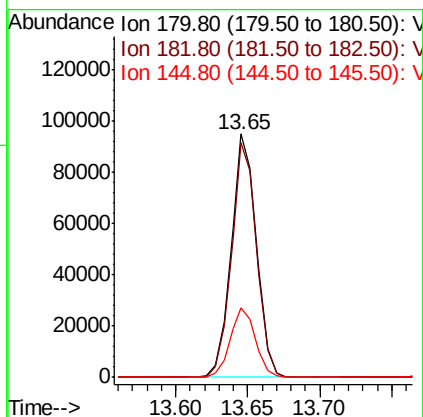
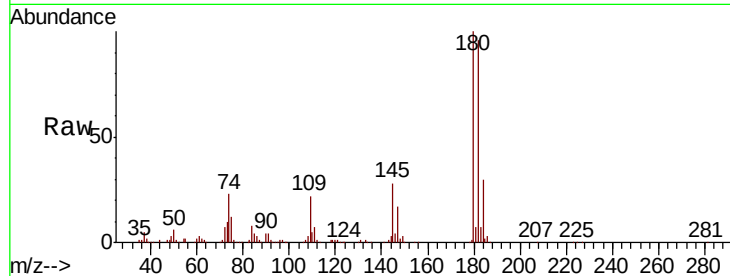




#93
 1,2,4-Trichlorobenzene
 Concen: 21.852 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

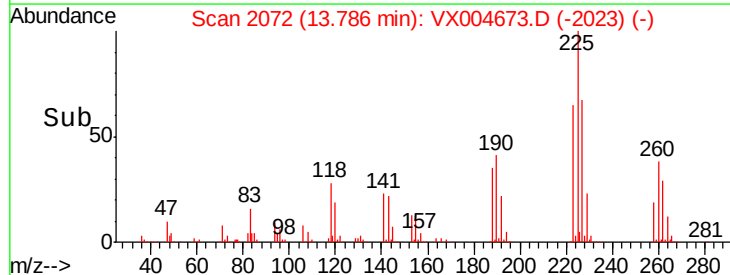
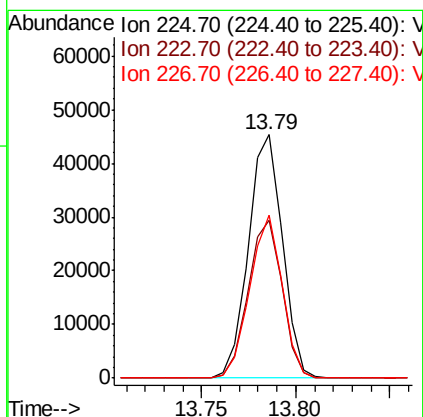
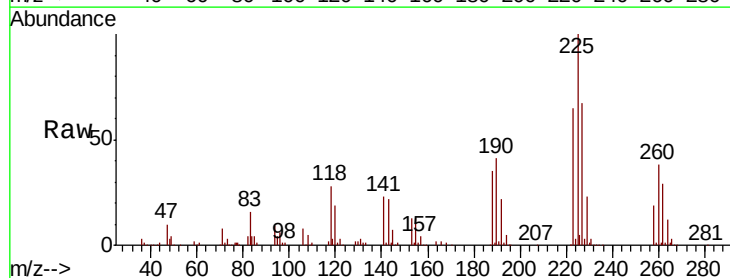
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

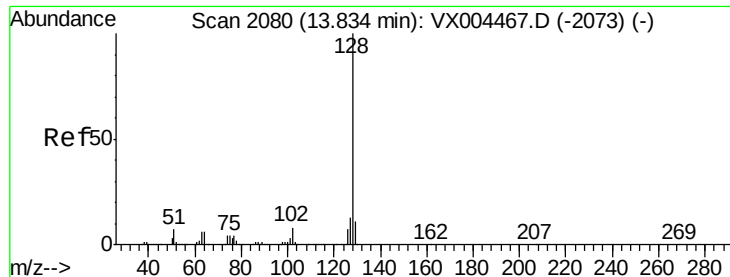
Tgt Ion:180 Resp: 115937
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.4 145.0
 145 28.6 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 20.489 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004673.D
 Acq: 18 Sep 2018 22:56

Tgt Ion:225 Resp: 56784
 Ion Ratio Lower Upper
 225 100
 223 64.8 30.1 90.5
 227 64.1 30.8 92.4





#95

Naphthalene

Concen: 22.571 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

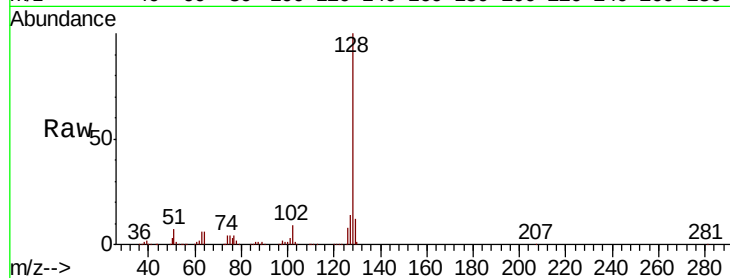
Tgt Ion:128 Resp: 335875

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

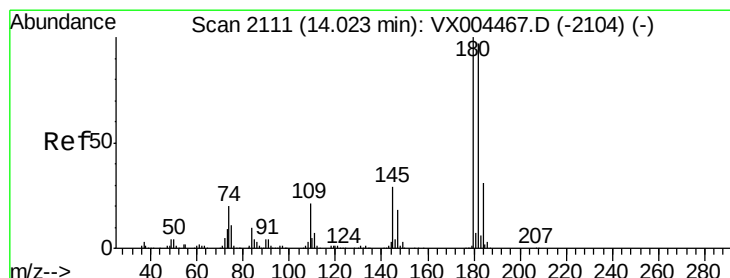
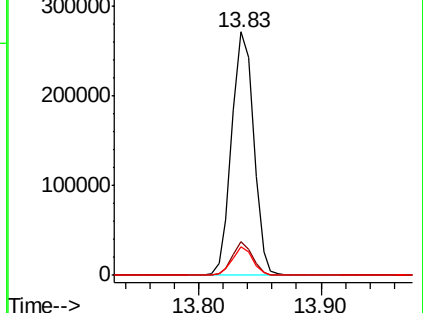
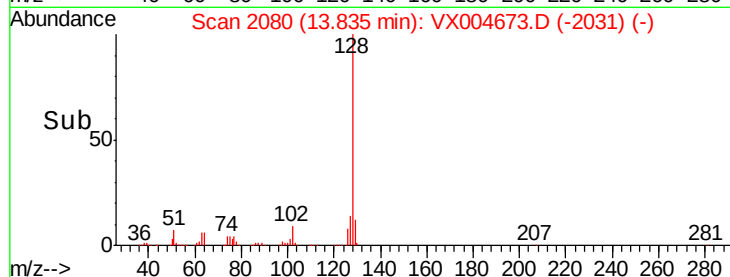
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.920 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004673.D

Acq: 18 Sep 2018 22:56

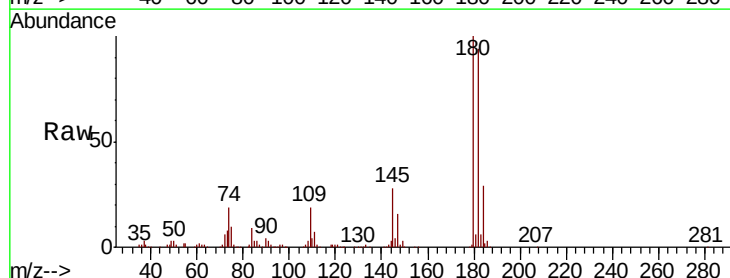
Tgt Ion:180 Resp: 119479

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.6

145 29.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

