

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004648.D
 Acq On : 18 Sep 2018 10:56
 Operator : JC/MD
 Sample : VX0918MBS01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 15:21:46 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	5.65	168	240987	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	314613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	144402	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
35) Dibromofluoromethane	5.50	113	128889	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
50) Toluene-d8	8.71	98	435702	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
62) 4-Bromofluorobenzene	11.14	95	158711	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42434	18.788	ug/l	97
3) Chloromethane	1.32	50	55218	17.765	ug/l	93
4) Vinyl Chloride	1.40	62	60122	18.846	ug/l	93
5) Bromomethane	1.64	94	30740	22.359	ug/l	99
6) Chloroethane	1.72	64	35297	17.109	ug/l	94
7) Trichlorofluoromethane	1.93	101	78639	18.594	ug/l	95
8) Diethyl Ether	2.18	74	34277	18.079	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50019	18.644	ug/l	96
10) Methyl Iodide	2.51	142	42712	16.441	ug/l	97
11) Tert butyl alcohol	3.06	59	69412	93.617	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46124	18.318	ug/l	91
13) Acrolein	2.29	56	15750	53.813	ug/l	96
14) Allyl chloride	2.73	41	93541	18.069	ug/l	97
15) Acrylonitrile	3.15	53	163063	91.327	ug/l	99
16) Acetone	2.45	43	132016	87.047	ug/l	95
17) Carbon Disulfide	2.57	76	128367	17.637	ug/l	97
18) Methyl Acetate	2.78	43	80562	18.934	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	164119	18.576	ug/l	98
20) Methylene Chloride	2.85	84	56162	18.052	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	52422	18.840	ug/l	88
22) Diisopropyl ether	3.87	45	176627	18.944	ug/l	97
23) Vinyl Acetate	3.82	43	695296	92.152	ug/l	96
24) 1,1-Dichloroethane	3.69	63	102048	19.386	ug/l	98
25) 2-Butanone	4.70	43	197797	81.948	ug/l	99
26) 2,2-Dichloropropane	4.58	77	74584	20.629	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	58368	18.792	ug/l	99
28) Bromochloromethane	5.02	49	42737	17.749	ug/l	100
29) Tetrahydrofuran	5.15	42	127953	87.904	ug/l	98
30) Chloroform	5.21	83	97553	18.982	ug/l	97
31) Cyclohexane	5.57	56	82489	18.352	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	78596	18.988	ug/l	99
36) 1,1-Dichloropropene	5.79	75	72264	18.919	ug/l	98
37) Ethyl Acetate	4.85	43	75140	17.297	ug/l	100
38) Carbon Tetrachloride	5.79	117	71685	19.215	ug/l	93

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 15:21:46 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	77558	19.458	ug/l	89
40) Benzene	6.15	78	222159	19.603	ug/l	94
41) Methacrylonitrile	5.06	41	42426	17.725	ug/l	99
42) 1,2-Dichloroethane	6.20	62	70193	18.675	ug/l	99
43) Isopropyl Acetate	6.46	43	98819	17.127	ug/l	99
44) Trichloroethene	7.21	130	58697	19.936	ug/l	99
45) 1,2-Dichloropropane	7.52	63	52157	19.126	ug/l	99
46) Dibromomethane	7.66	93	33356	19.362	ug/l	99
47) Bromodichloromethane	7.90	83	61107	18.756	ug/l	96
48) Methyl methacrylate	7.77	41	51038	17.874	ug/l	98
49) 1,4-Dioxane	7.75	88	24925	368.798	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	336913	82.742	ug/l	98
52) Toluene	8.79	92	125112	18.738	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	65905	17.317	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	74600	19.229	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	51013	17.744	ug/l	97
56) Ethyl methacrylate	9.18	69	68220	16.773	ug/l	98
57) 1,3-Dichloropropane	9.37	76	82680	17.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	179288	91.276	ug/l	96
59) 2-Hexanone	9.49	43	258238	82.683	ug/l	97
60) Dibromochloromethane	9.58	129	49633	18.338	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51343	18.695	ug/l	99
64) Tetrachloroethene	9.33	164	69776	19.611	ug/l	99
65) Chlorobenzene	10.14	112	140623	19.866	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	49275	20.186	ug/l	99
67) Ethyl Benzene	10.26	91	229815	19.967	ug/l	98
68) m/p-Xylenes	10.36	106	183349	41.354	ug/l	97
69) o-Xylene	10.70	106	85972	20.170	ug/l	98
70) Styrene	10.71	104	145095	20.547	ug/l	99
71) Bromoform	10.86	173	39263	19.589	ug/l #	99
73) Isopropylbenzene	11.02	105	236880	20.299	ug/l	100
74) N-amyl acetate	10.90	43	87321	17.778	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	68791	18.275	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83831	23.516	ug/l	88
77) Bromobenzene	11.26	156	65306	20.247	ug/l	98
78) n-propylbenzene	11.36	91	273615	20.392	ug/l	99
79) 2-Chlorotoluene	11.42	91	162297	19.944	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	202504	20.642	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	20921	18.706	ug/l	98
82) 4-Chlorotoluene	11.51	91	192780	20.297	ug/l	100
83) tert-Butylbenzene	11.77	119	187063	20.029	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	208277	20.794	ug/l	99
85) sec-Butylbenzene	11.95	105	245513	20.628	ug/l	99
86) p-Isopropyltoluene	12.07	119	220679	20.997	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	121109	20.124	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	122963	19.774	ug/l	98
89) n-Butylbenzene	12.39	91	189578	19.794	ug/l	97
90) Hexachloroethane	12.60	117	32453	19.288	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	120532	19.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15074	18.755	ug/l	99

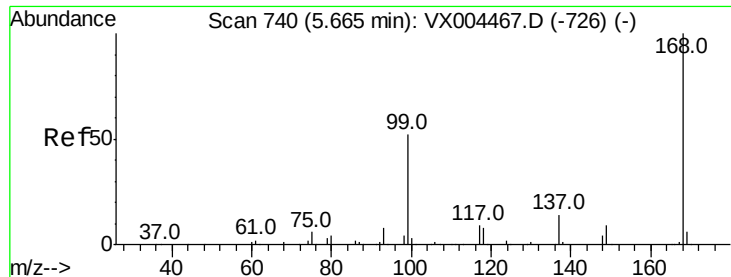
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
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Acq On : 18 Sep 2018 10:56
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MSVOA_X
ClientSampleId :

Quant Time: Sep 18 15:21:46 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	88023	20.409	ug/l	99
94) Hexachlorobutadiene	13.79	225	47738	21.190	ug/l	96
95) Naphthalene	13.83	128	237224	19.610	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	90871	20.508	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

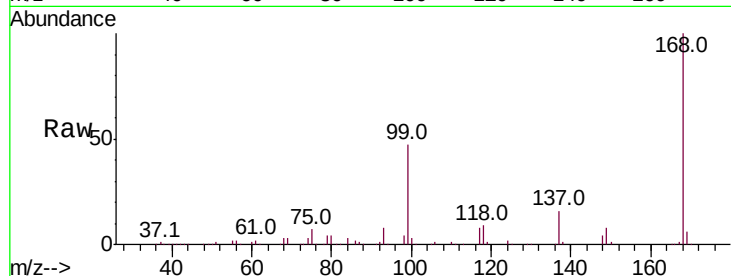
ClientSampleId :

Tot Ion:168 Resp: 240987

Ion Ratio Lower Upper

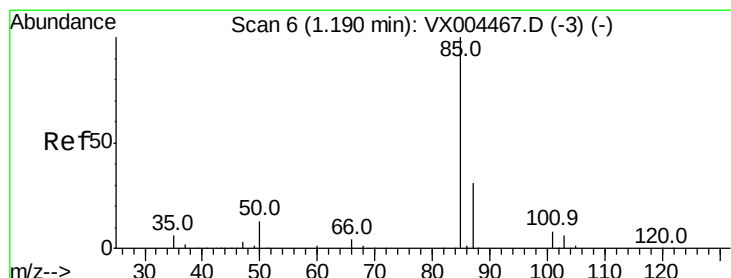
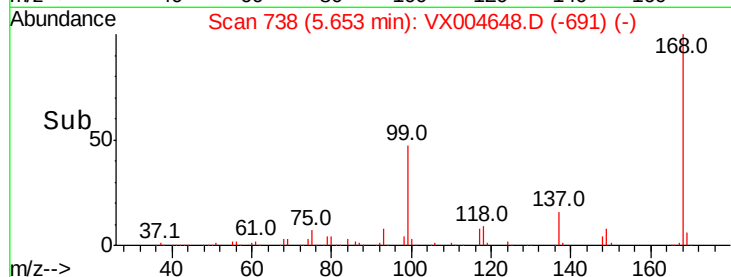
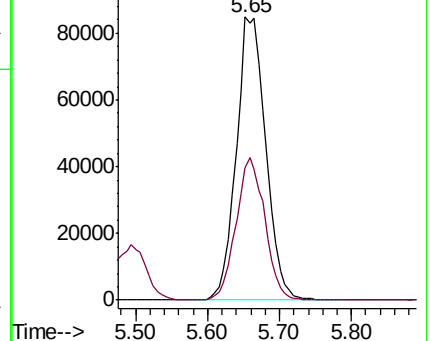
168 100

99 46.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.788 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004648.D

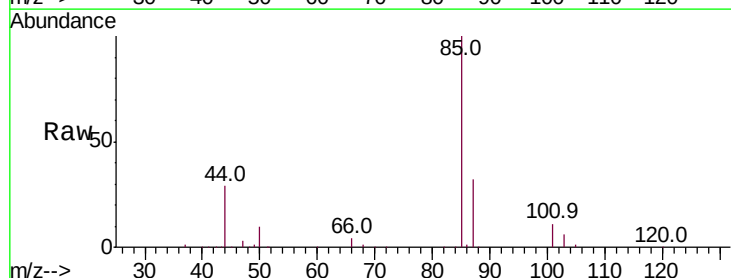
Acq: 18 Sep 2018 10:56

Tgt Ion: 85 Resp: 42434

Ion Ratio Lower Upper

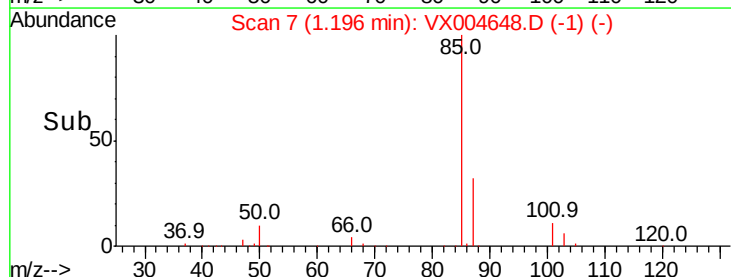
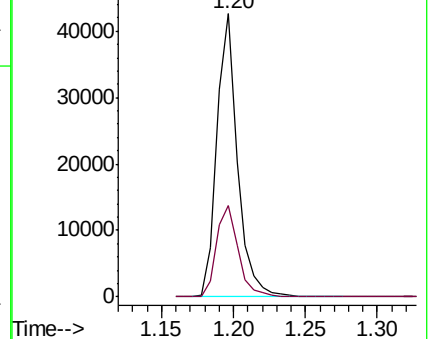
85 100

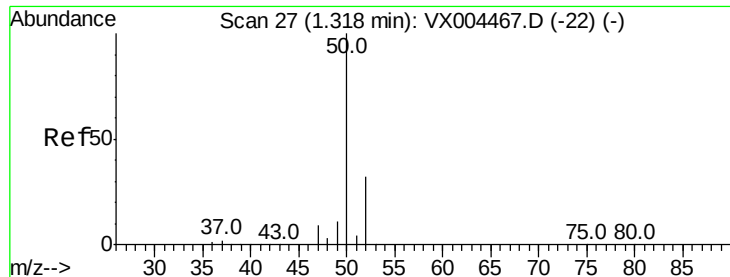
87 32.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.765 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

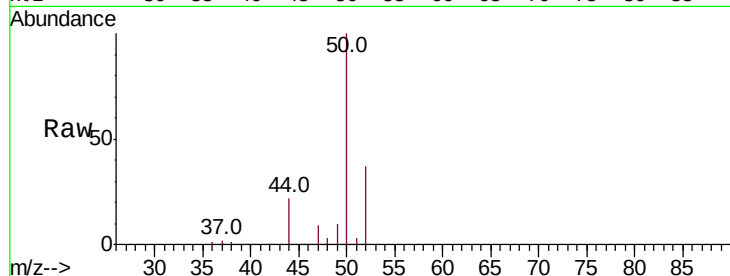
ClientSampled :

Tot Ion: 50 Resp: 55218

Ion Ratio Lower Upper

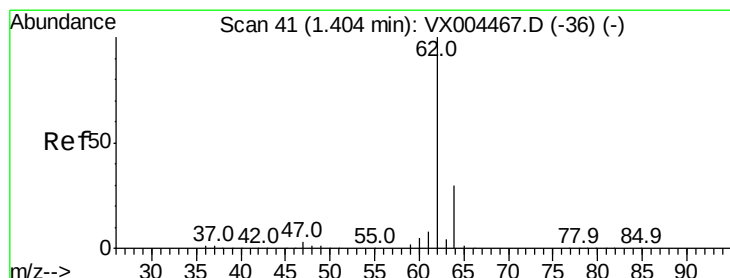
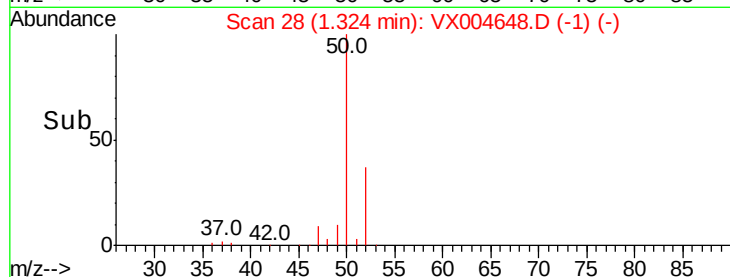
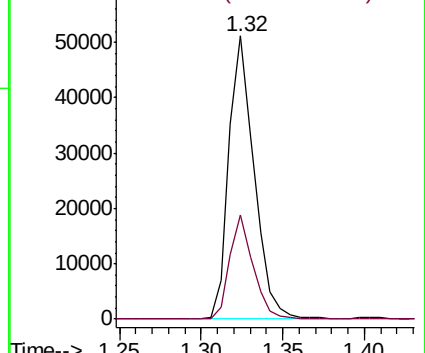
50 100

52 36.6 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: 18.846 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004648.D

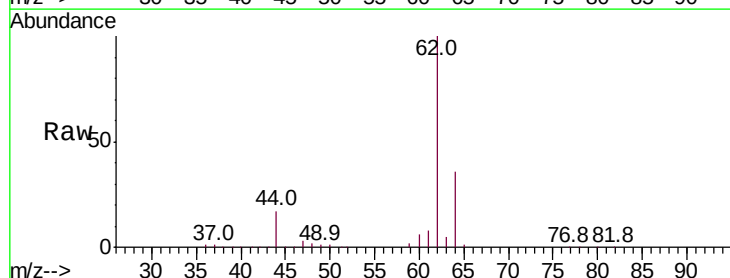
Acq: 18 Sep 2018 10:56

Tgt Ion: 62 Resp: 60122

Ion Ratio Lower Upper

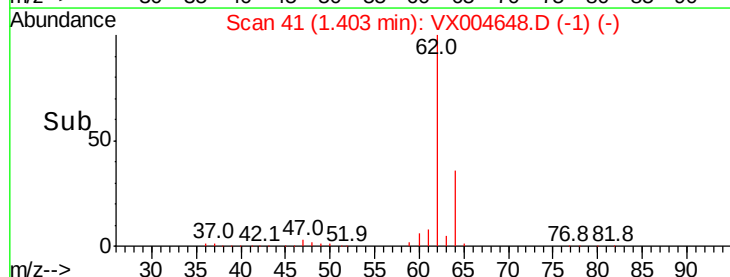
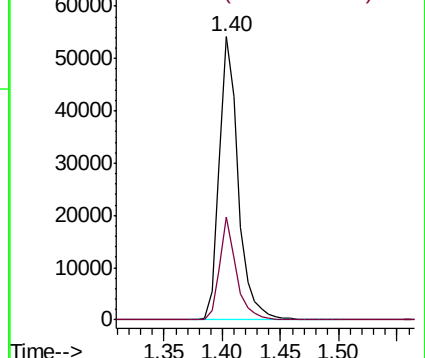
62 100

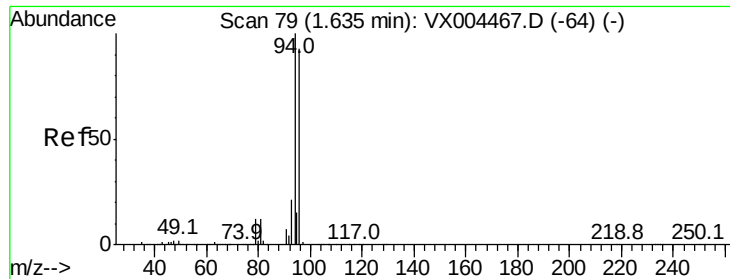
64 36.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.359 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

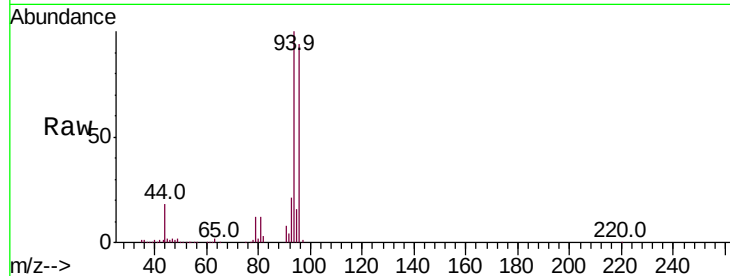
ClientSampleId :

Tot Ion: 94 Resp: 30740

Ion Ratio Lower Upper

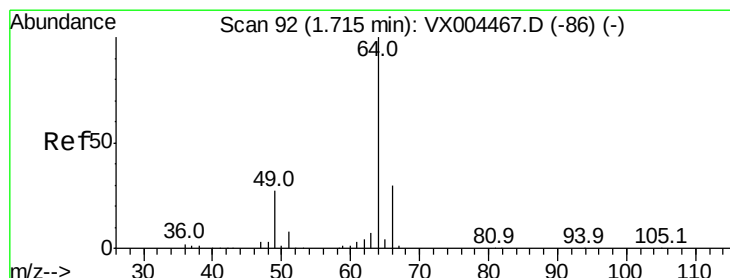
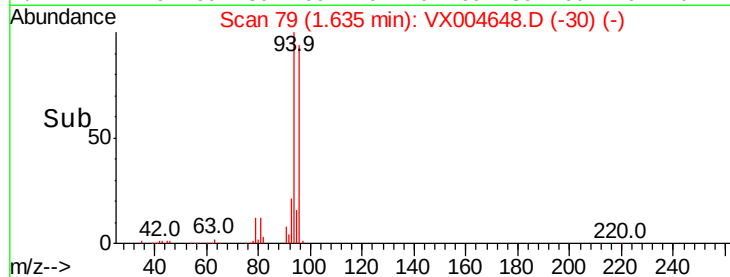
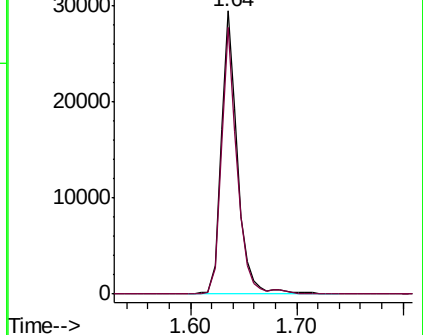
94 100

96 94.3 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: 17.109 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004648.D

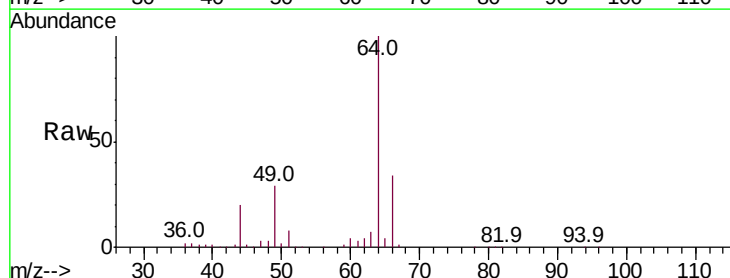
Acq: 18 Sep 2018 10:56

Tgt Ion: 64 Resp: 35297

Ion Ratio Lower Upper

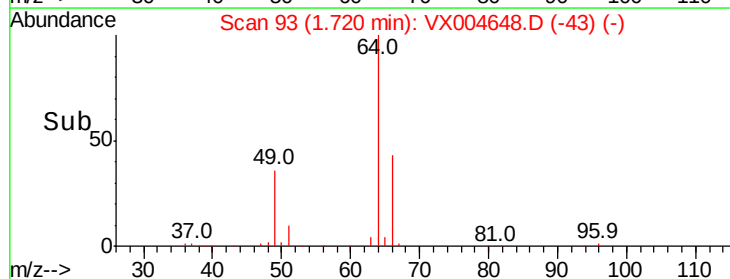
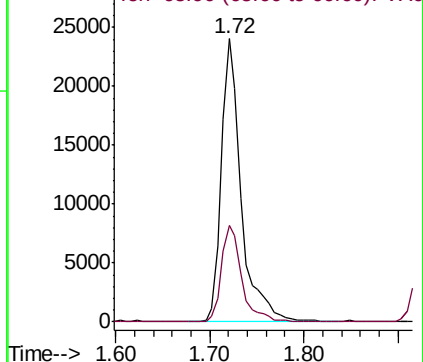
64 100

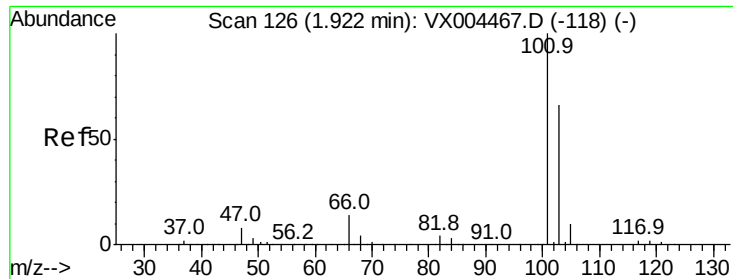
66 34.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



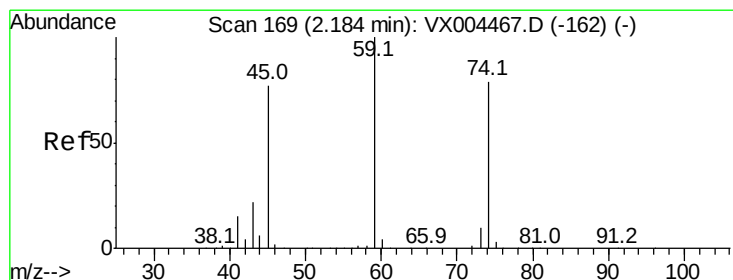
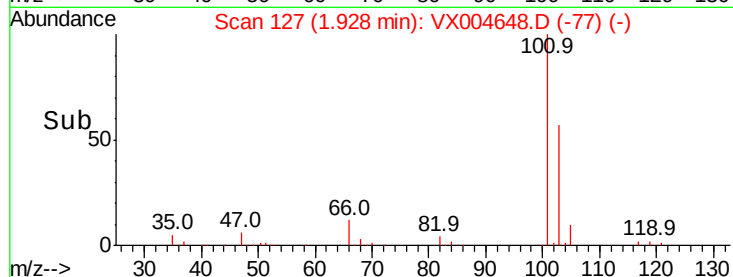
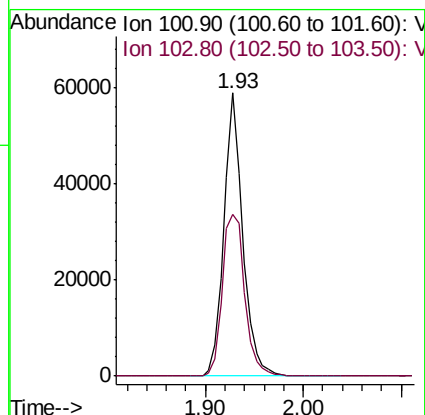
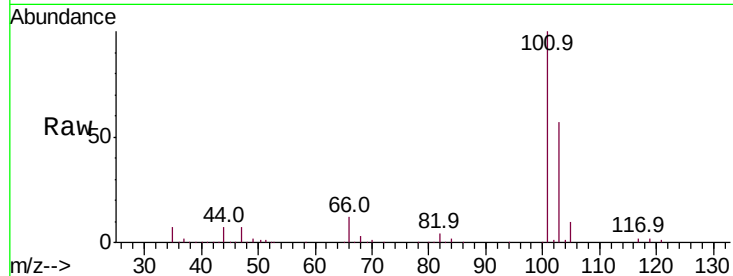


#7

Trichlorofluoromethane
 Concen: 18.594 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

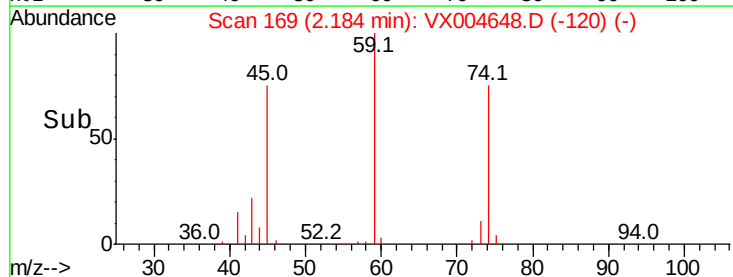
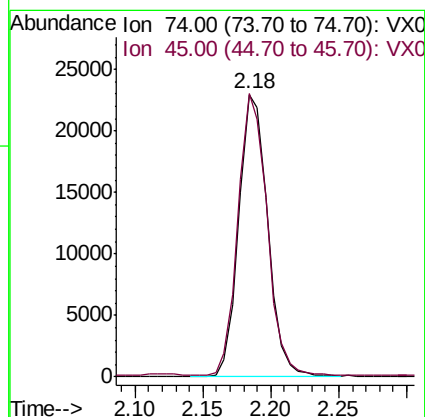
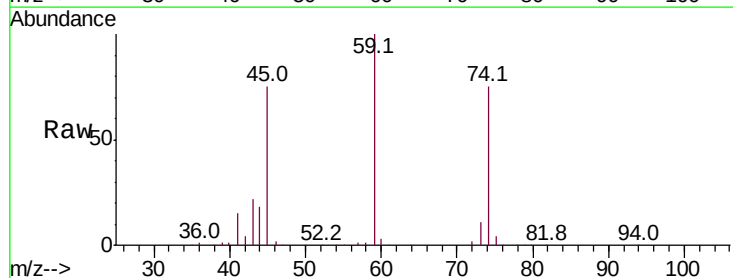
Tot Ion:101 Resp: 78639
 Ion Ratio Lower Upper
 101 100
 103 57.1 48.9 73.3

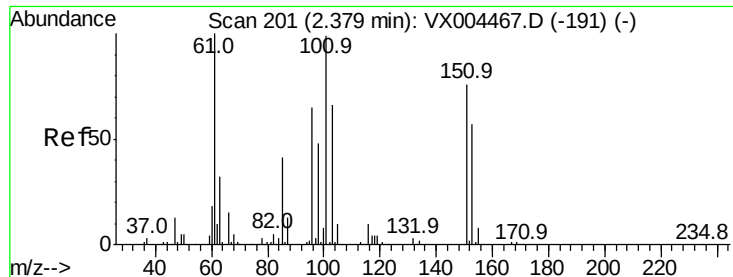


#8

Diethyl Ether
 Concen: 18.079 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion: 74 Resp: 34277
 Ion Ratio Lower Upper
 74 100
 45 99.9 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.644 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

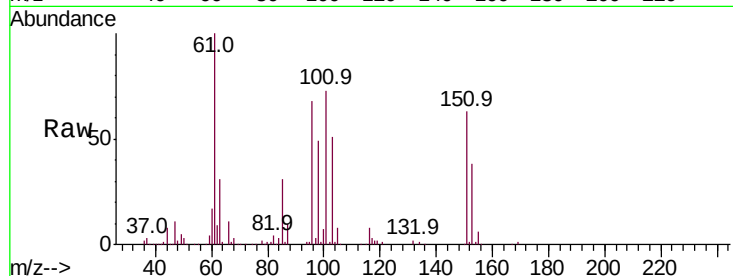
Tot Ion:101 Resp: 50019

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

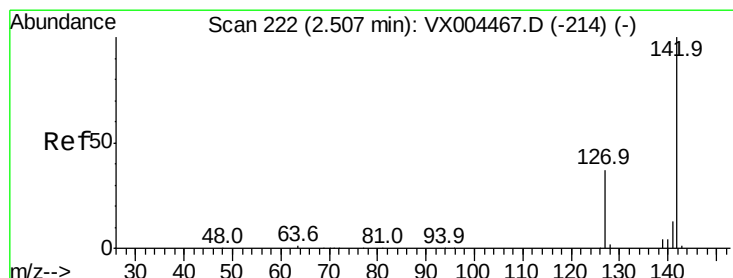
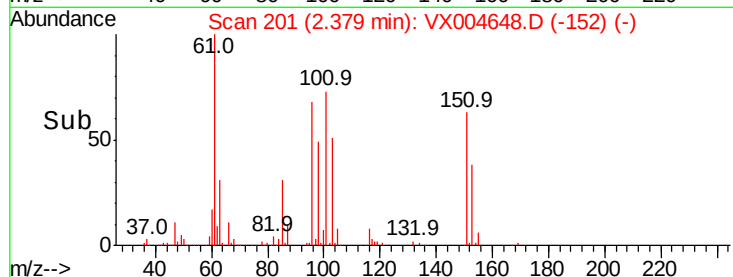
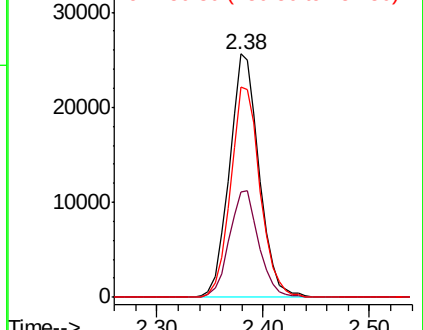
151 86.0 65.0 97.6



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: 16.441 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

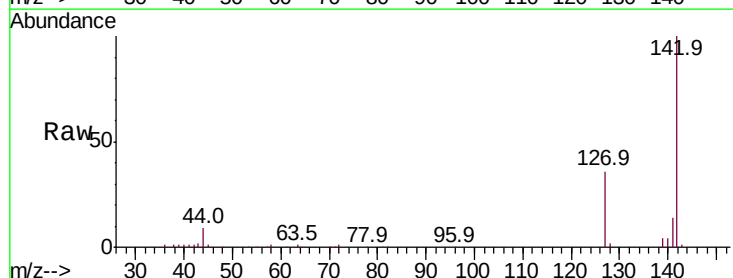
Tgt Ion:142 Resp: 42712

Ion Ratio Lower Upper

142 100

127 39.9 33.8 50.6

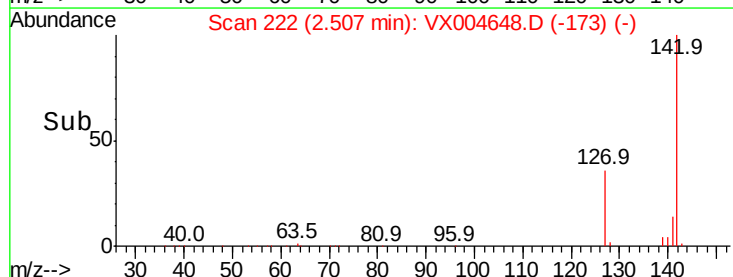
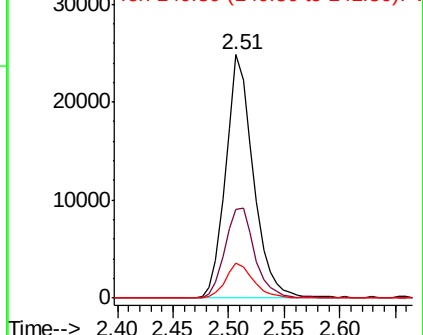
141 14.4 11.4 17.0

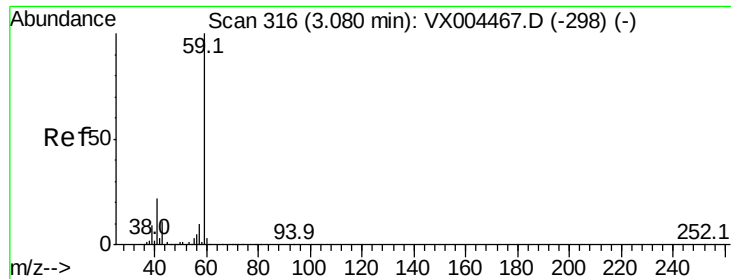


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



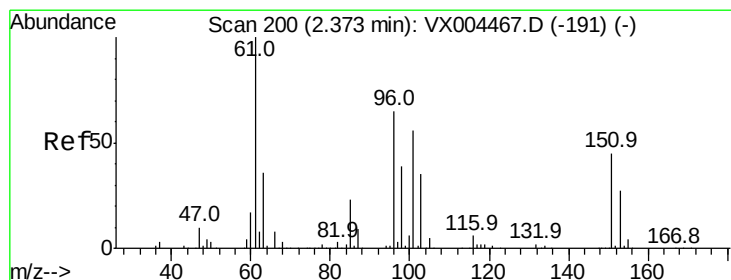
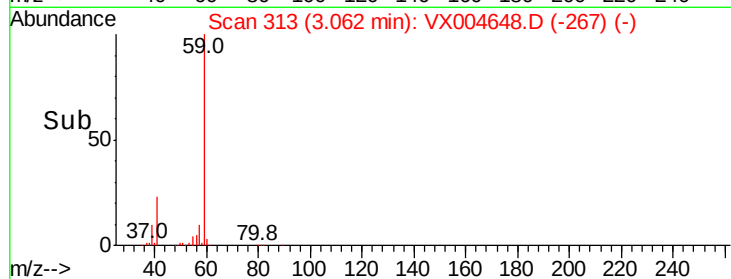
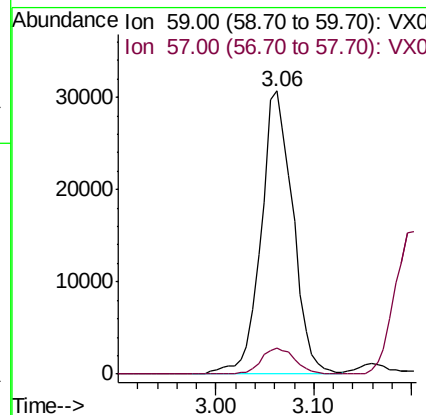
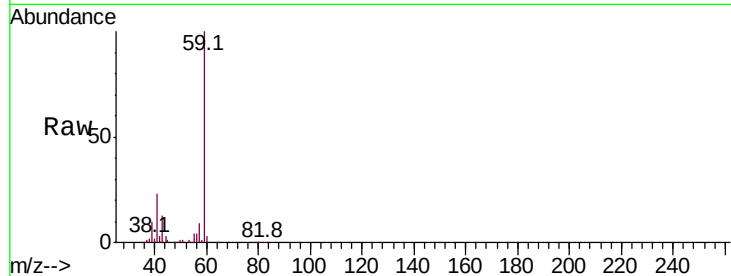


#11

Tert butyl alcohol
 Concen: 93.617 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

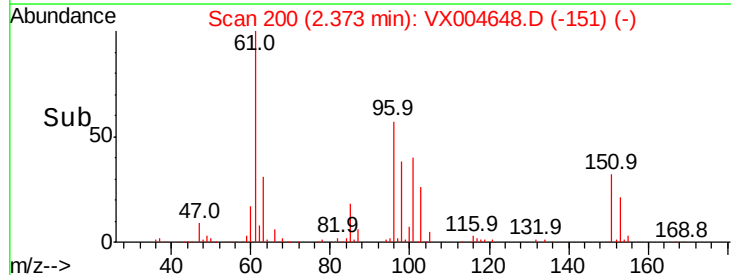
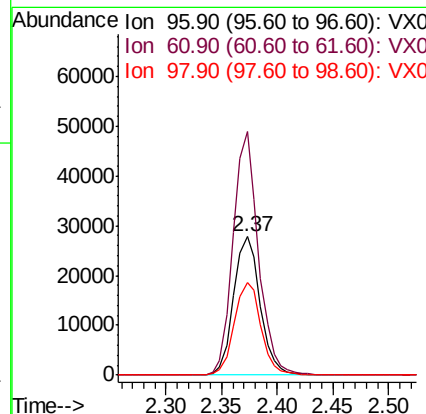
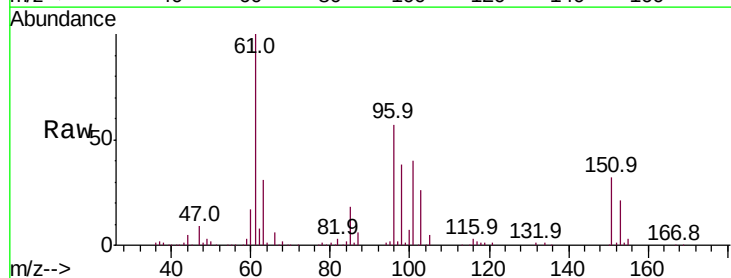
Tot Ion: 59 Resp: 69412
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.4

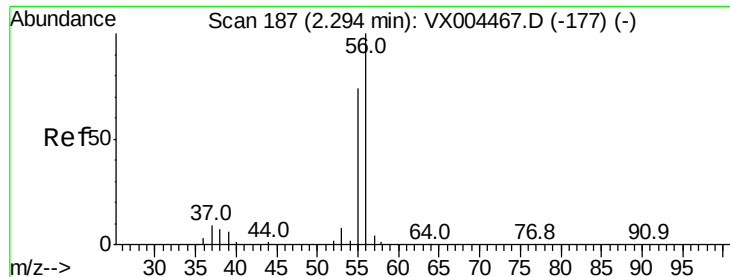


#12

1,1-Dichloroethene
 Concen: 18.318 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion: 96 Resp: 46124
 Ion Ratio Lower Upper
 96 100
 61 175.7 128.8 193.2
 98 67.3 52.2 78.2





#13

Acrolein

Concen: 53.813 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

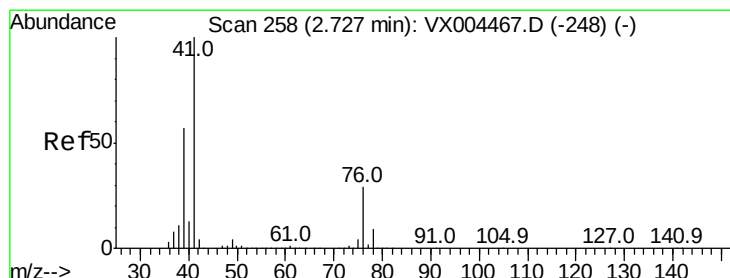
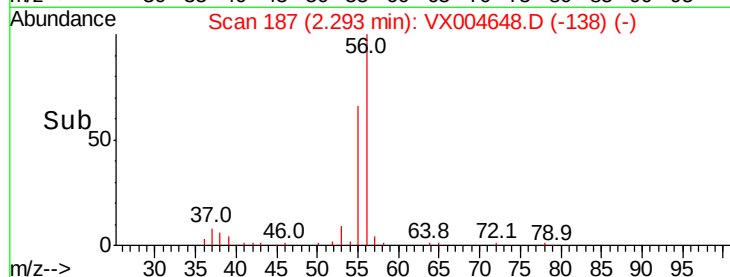
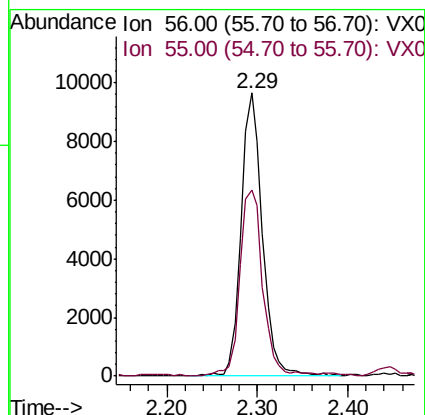
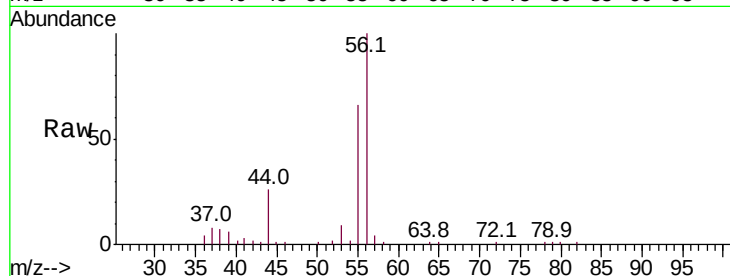
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 15750

Ion Ratio Lower Upper

56 100

55 71.3 54.7 82.1



#14

Allyl chloride

Concen: 18.069 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

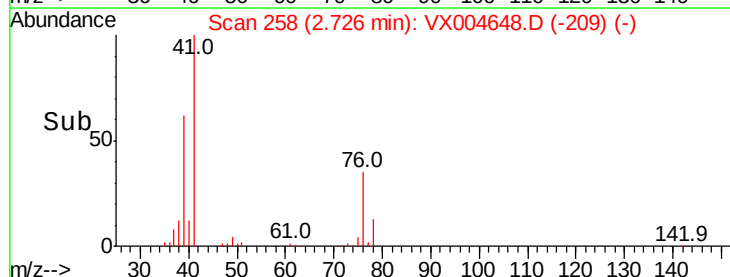
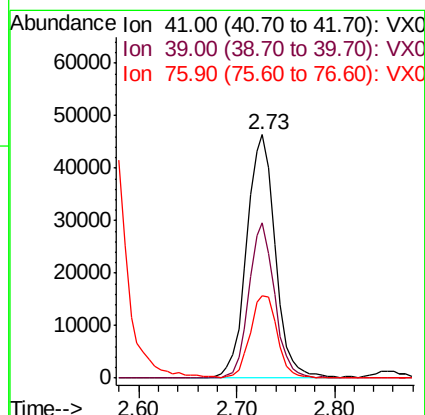
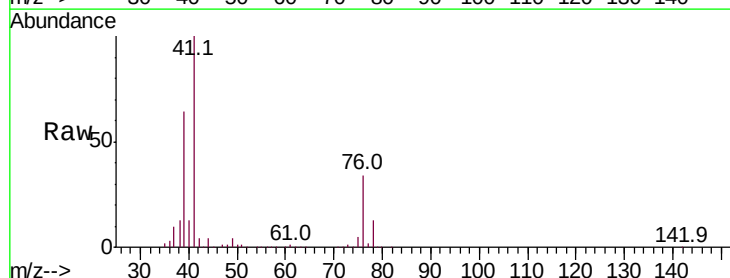
Tgt Ion: 41 Resp: 93541

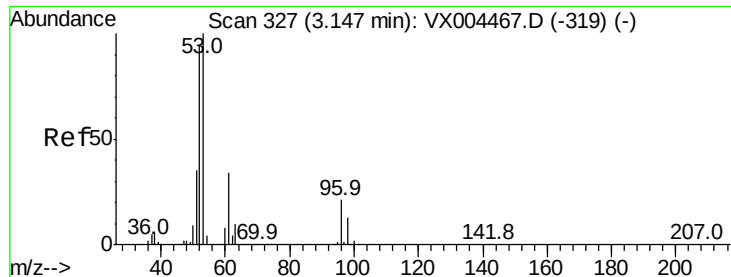
Ion Ratio Lower Upper

41 100

39 57.9 48.9 73.3

76 32.5 26.7 40.1





#15

Acrylonitrile

Concen: 91.327 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

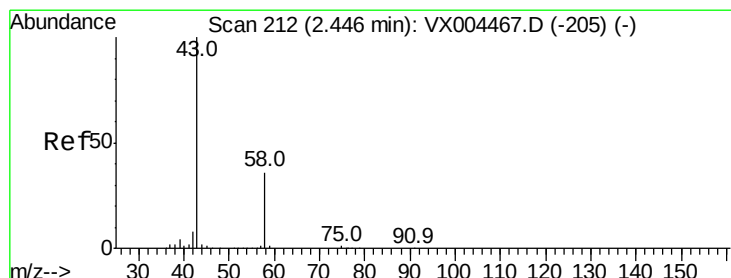
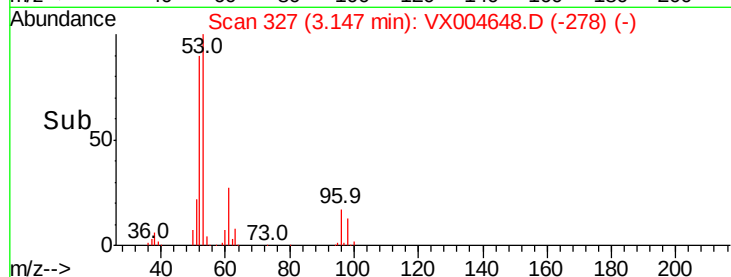
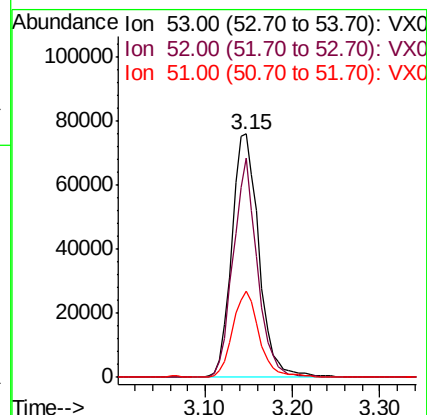
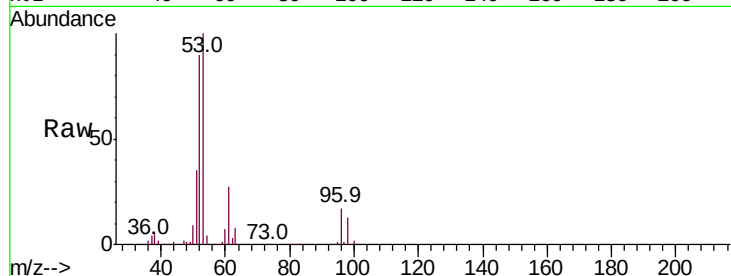
Tot Ion: 53 Resp: 163063

Ion Ratio Lower Upper

53 100

52 80.9 65.2 97.8

51 34.6 28.2 42.2



#16

Acetone

Concen: 87.047 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004648.D

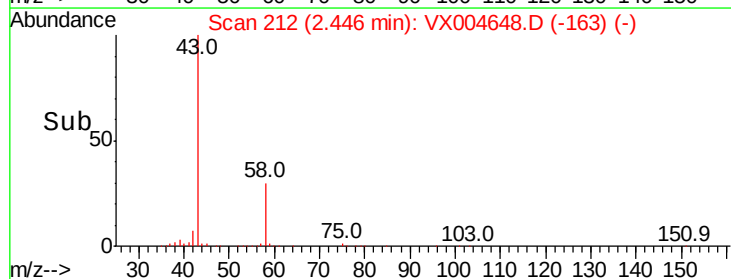
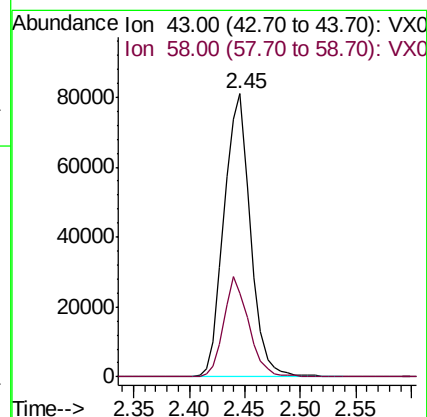
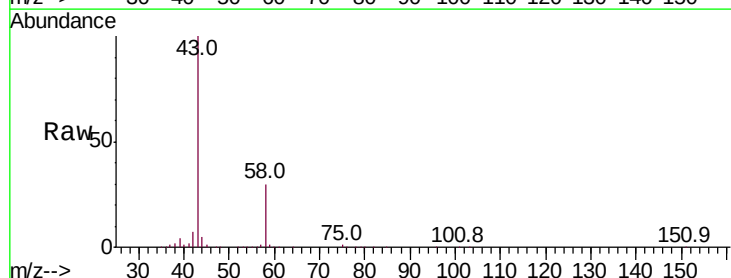
Acq: 18 Sep 2018 10:56

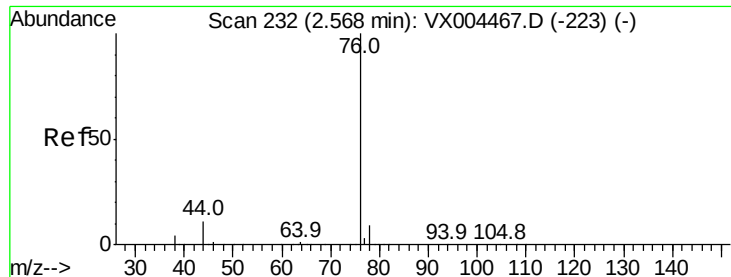
Tgt Ion: 43 Resp: 132016

Ion Ratio Lower Upper

43 100

58 29.7 26.2 39.4





#17

Carbon Disulfide

Concen: 17.637 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

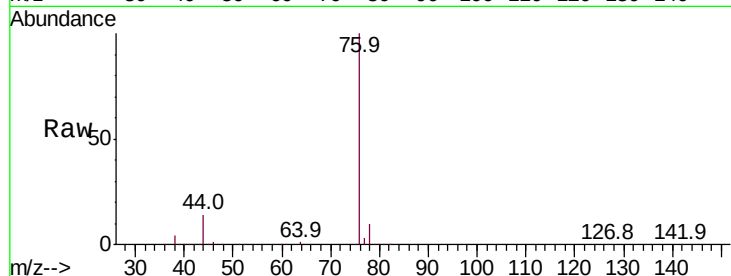
ClientSampleId :

Tot Ion: 76 Resp: 128367

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

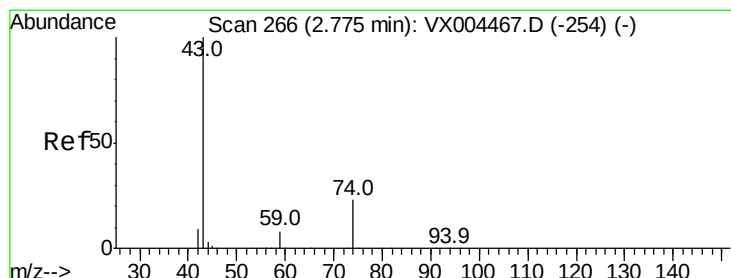
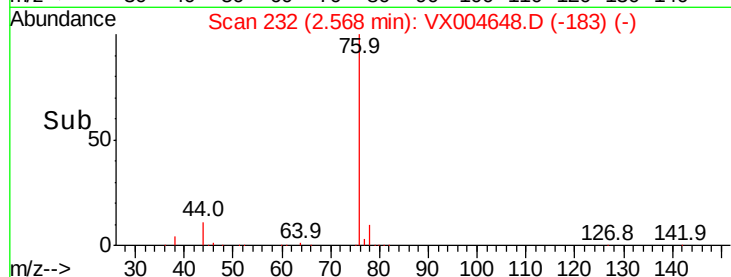
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 18.934 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004648.D

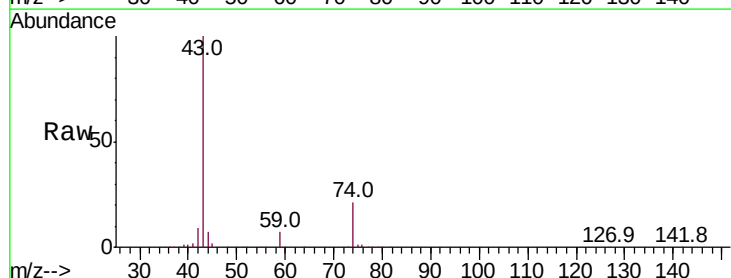
Acq: 18 Sep 2018 10:56

Tgt Ion: 43 Resp: 80562

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

50000

40000

30000

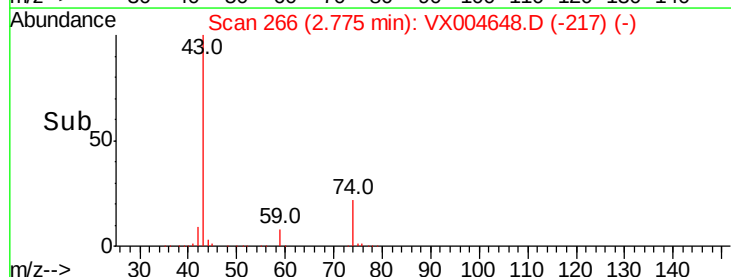
20000

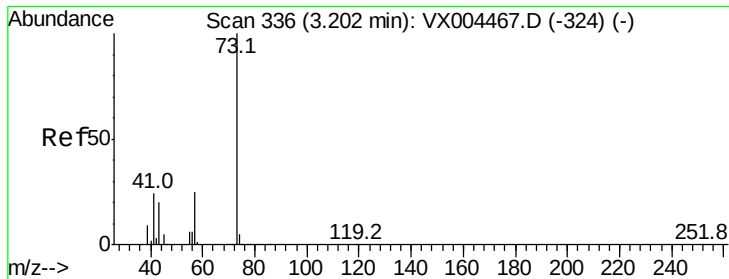
10000

0

Time-->

2.70 2.75 2.80 2.85



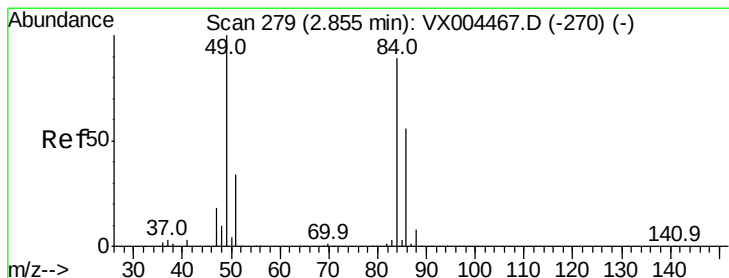
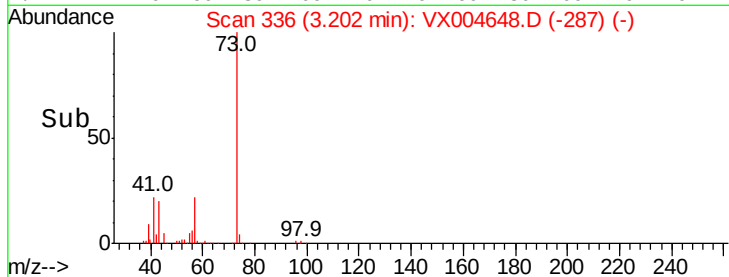
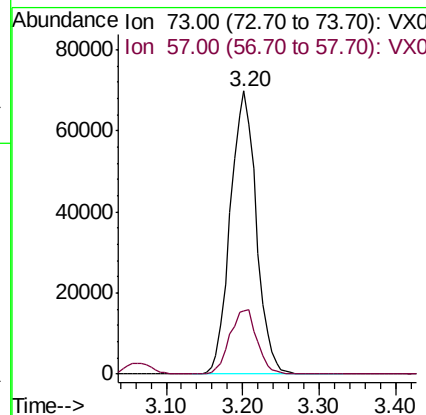
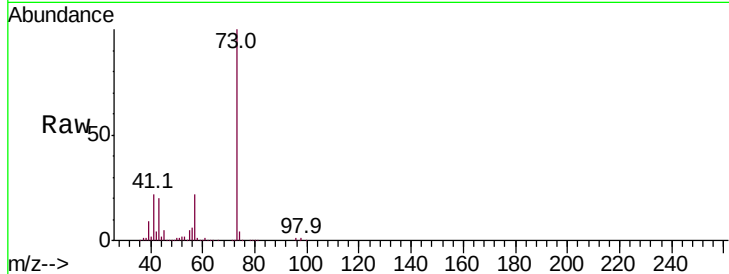


#19

Methyl tert-butyl Ether
 Concen: 18.576 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

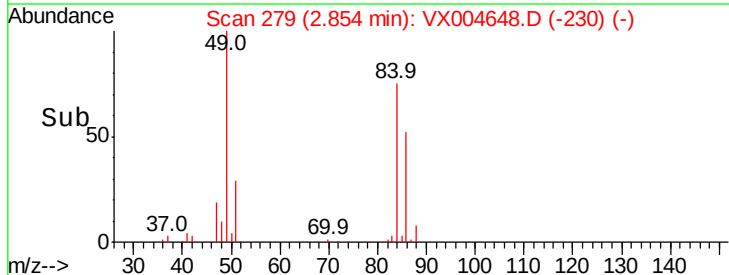
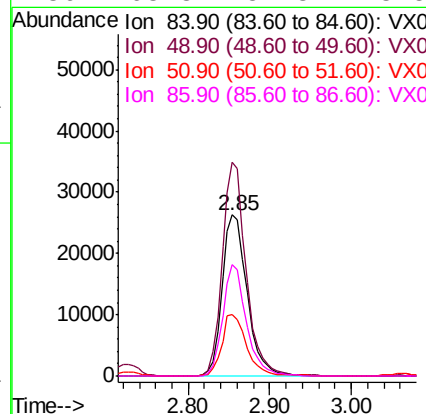
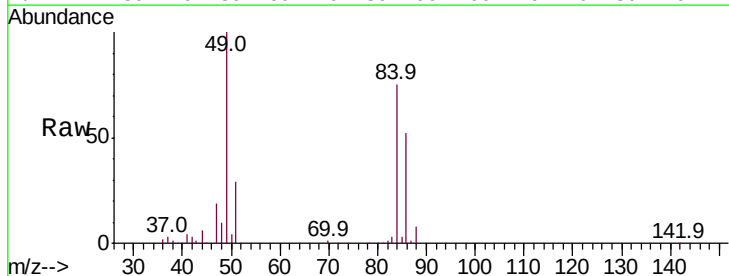
Tot Ion: 73 Resp: 164119
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.1 25.7

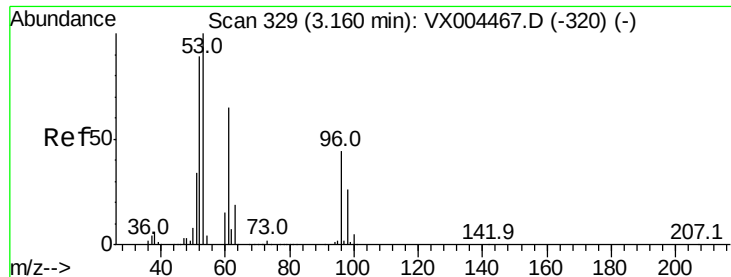


#20

Methylene Chloride
 Concen: 18.052 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion: 84 Resp: 56162
 Ion Ratio Lower Upper
 84 100
 49 132.5 101.2 151.8
 51 38.1 29.5 44.3
 86 68.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.840 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

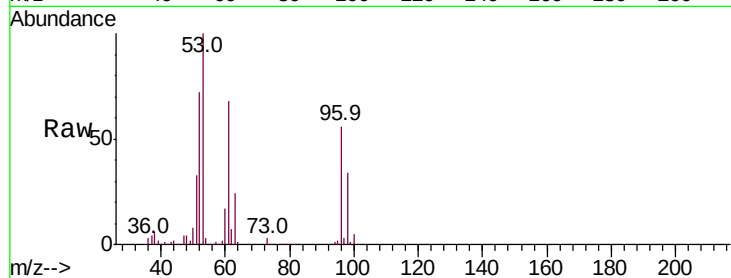
Tot Ion: 96 Resp: 52422

Ion Ratio Lower Upper

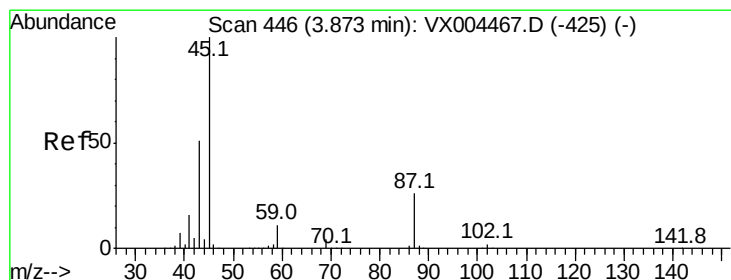
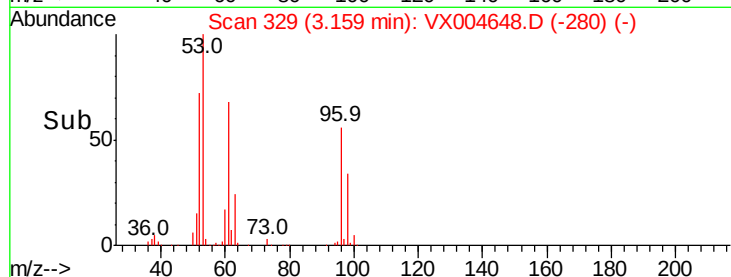
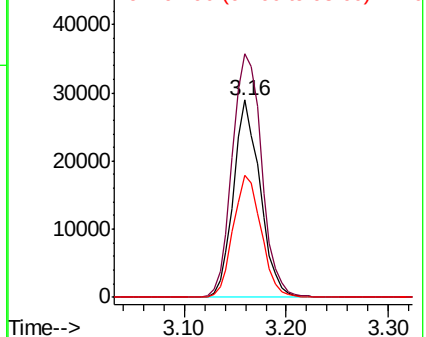
96 100

61 123.3 113.8 170.6

98 61.6 51.8 77.8



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



#22

Diisopropyl ether

Concen: 18.944 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Tgt Ion: 45 Resp: 176627

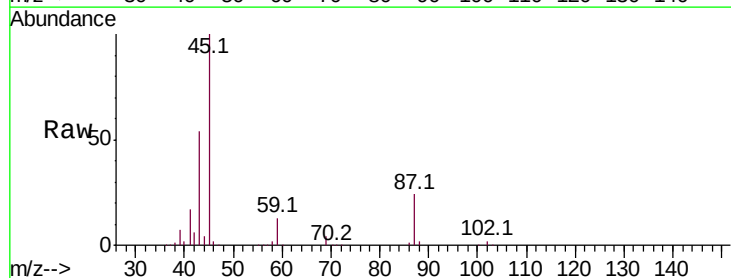
Ion Ratio Lower Upper

45 100

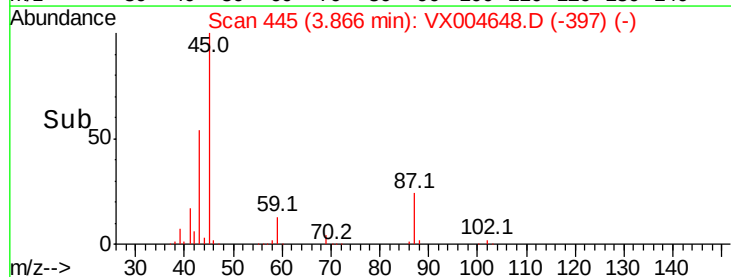
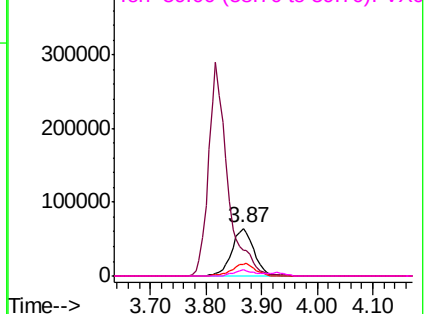
43 53.6 42.8 64.2

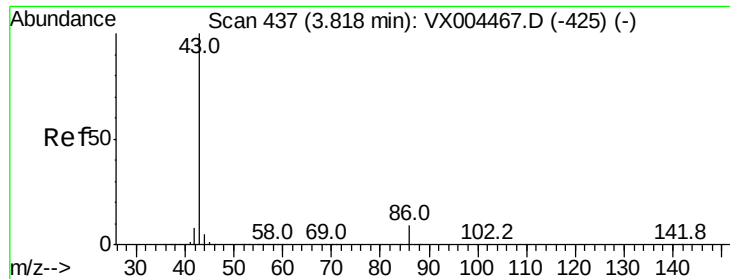
87 24.2 22.6 34.0

59 12.7 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: 92.152 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

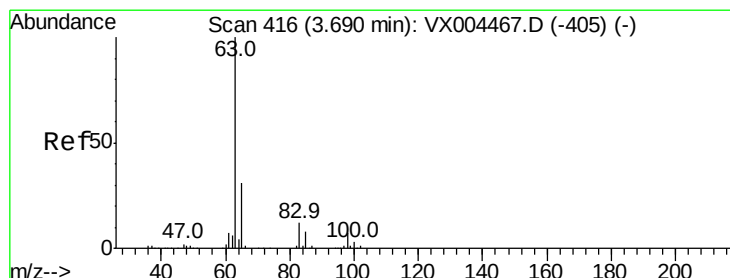
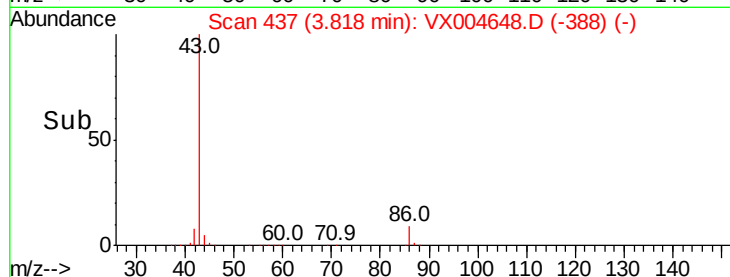
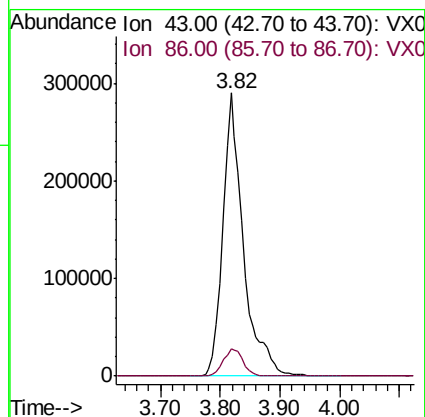
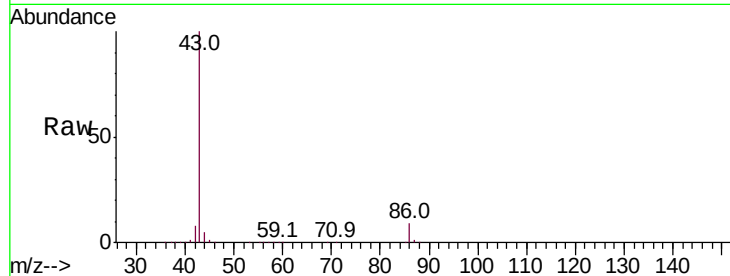
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 695296

Ion Ratio Lower Upper

43 100

86 9.5 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.386 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

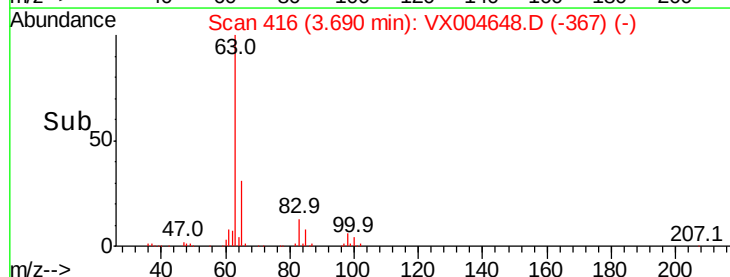
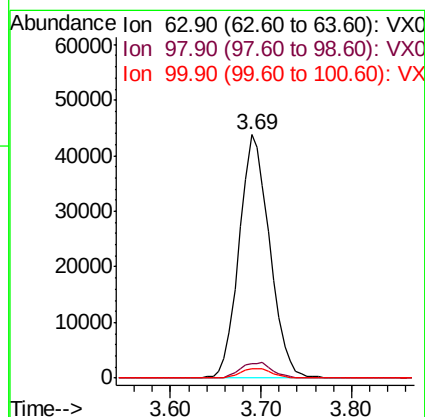
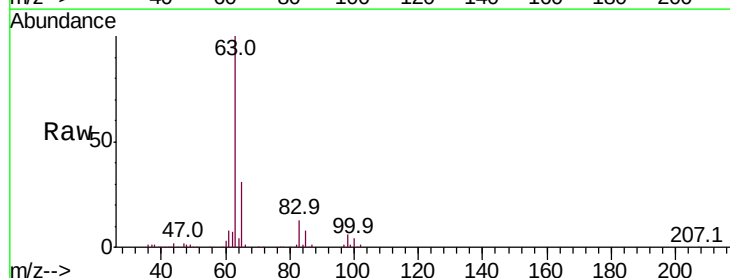
Tgt Ion: 63 Resp: 102048

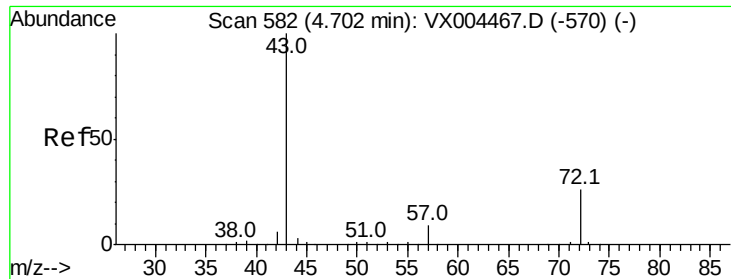
Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

100 3.9 2.4 7.1





#25

2-Butanone

Concen: 81.948 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

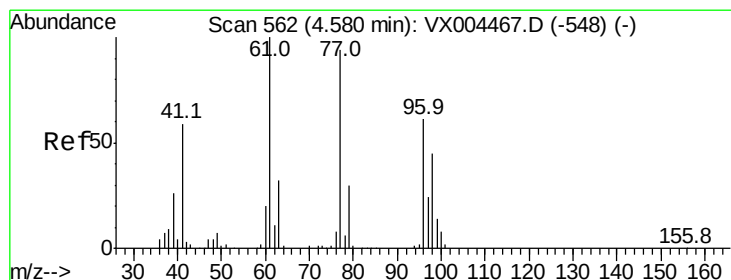
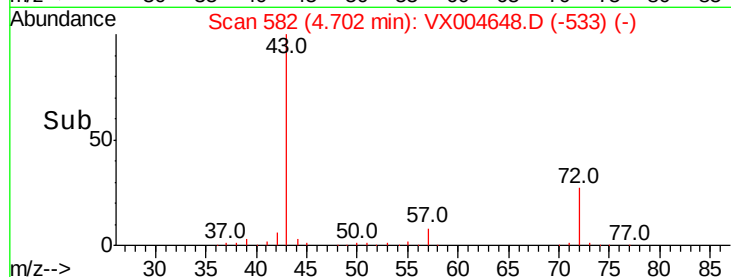
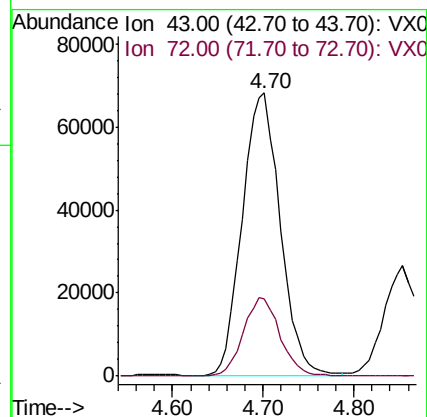
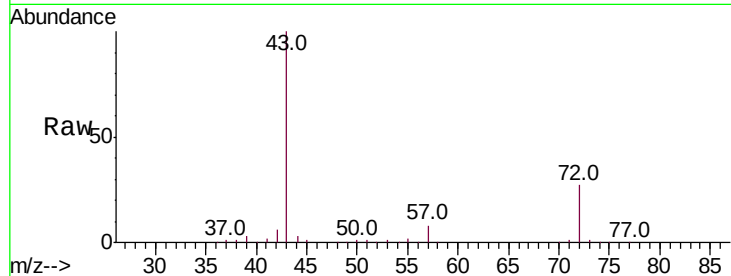
ClientSampleId :

Tot Ion: 43 Resp: 197797

Ion Ratio Lower Upper

43 100

72 27.1 22.0 33.0



#26

2,2-Dichloropropane

Concen: 20.629 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004648.D

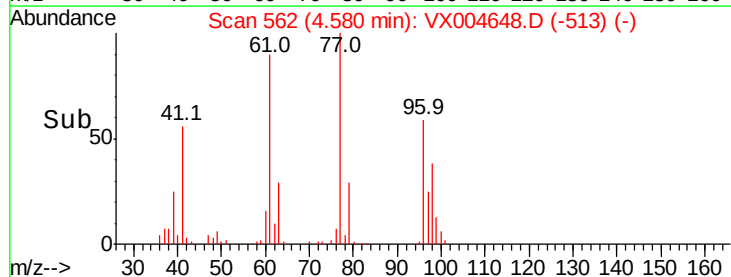
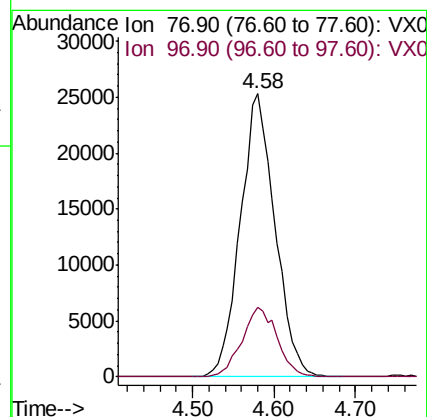
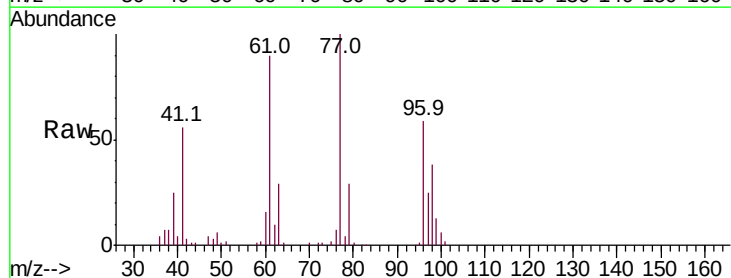
Acq: 18 Sep 2018 10:56

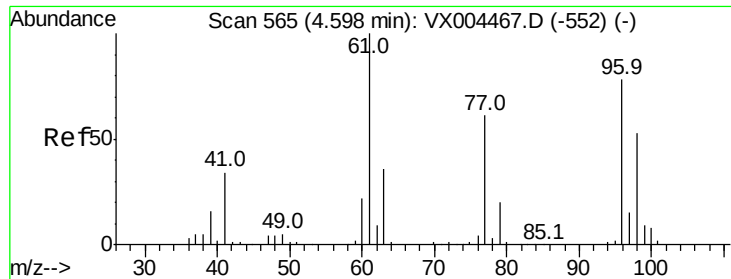
Tgt Ion: 77 Resp: 74584

Ion Ratio Lower Upper

77 100

97 24.9 11.7 35.0



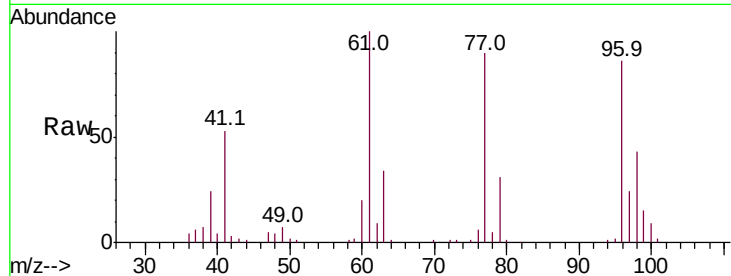


#27

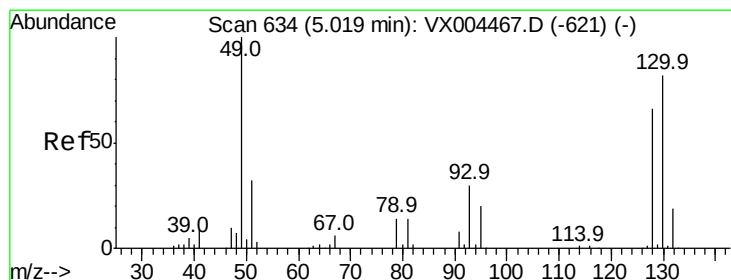
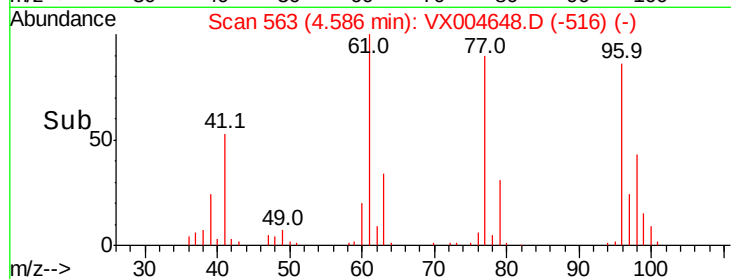
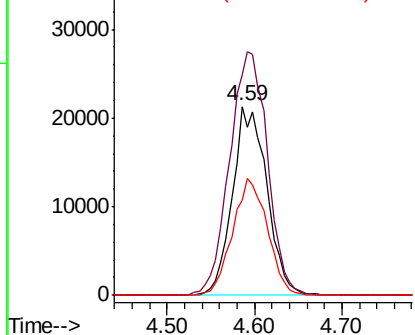
cis-1,2-Dichloroethene
 Concen: 18.792 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 58368
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 282.6
 98 62.4 0.0 130.2



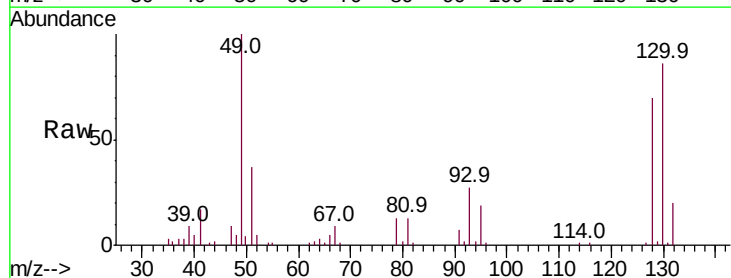
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



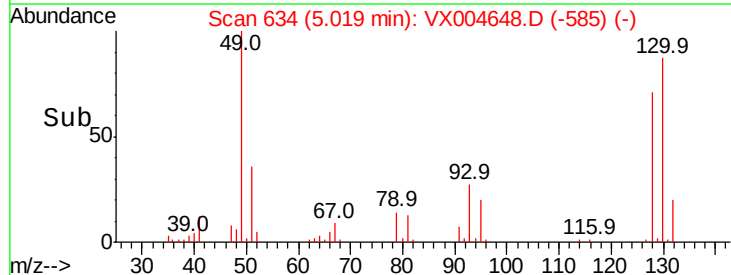
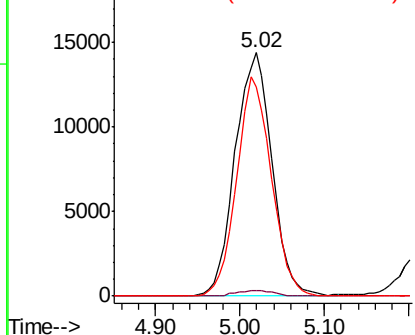
#28

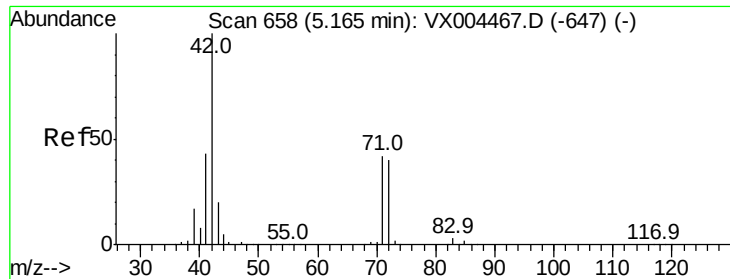
Bromochloromethane
 Concen: 17.749 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion: 49 Resp: 42737
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 84.5 67.5 101.3



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





#29

Tetrahydrofuran

Concen: 87.904 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.02 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampled :

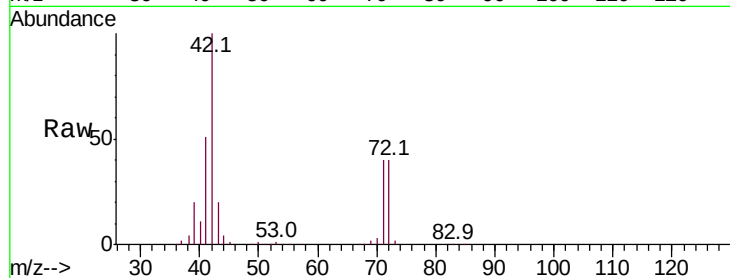
Tot Ion: 42 Resp: 127953

Ion Ratio Lower Upper

42 100

72 44.7 37.4 56.0

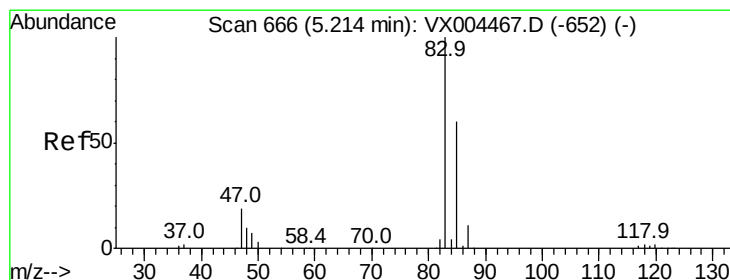
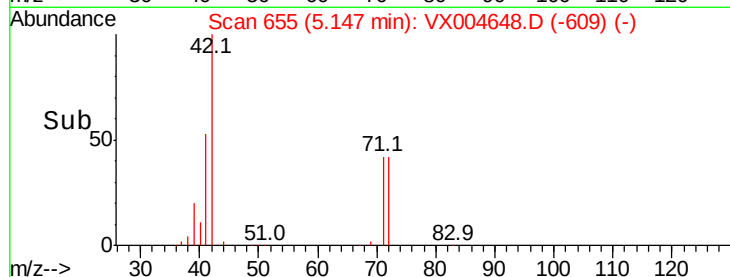
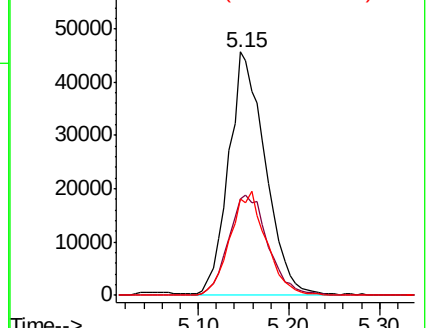
71 42.2 34.5 51.7



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: 18.982 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX004648.D

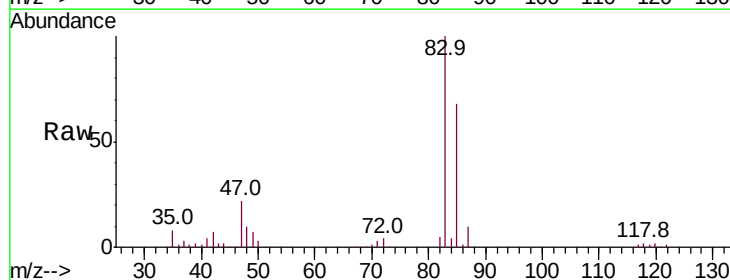
Acq: 18 Sep 2018 10:56

Tgt Ion: 83 Resp: 97553

Ion Ratio Lower Upper

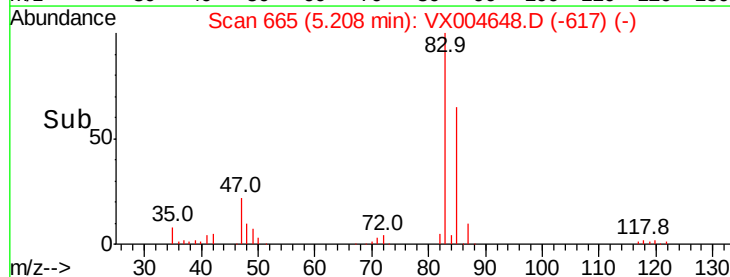
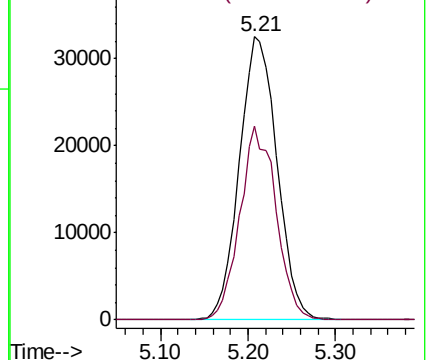
83 100

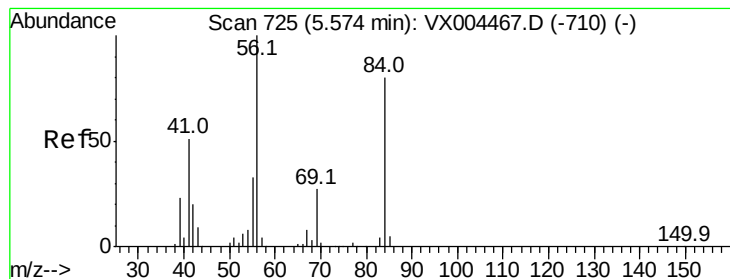
85 68.3 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.352 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

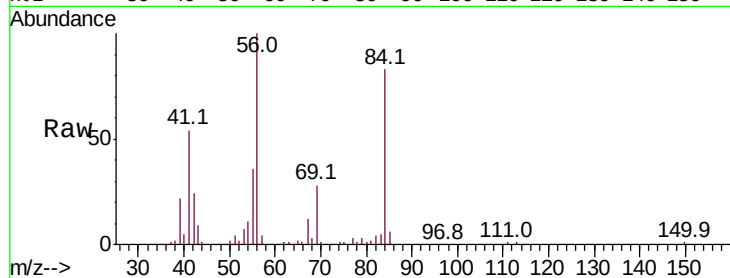
Tot Ion: 56 Resp: 82489

Ion Ratio Lower Upper

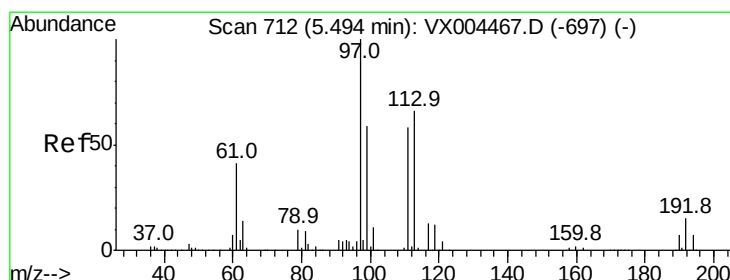
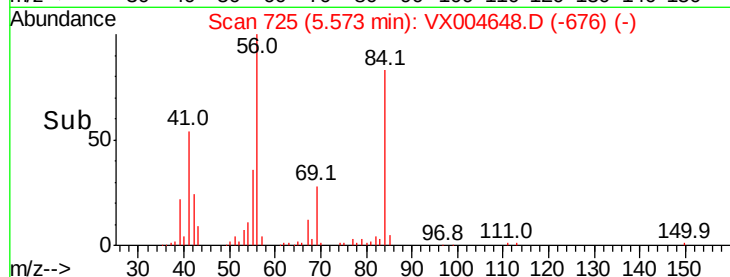
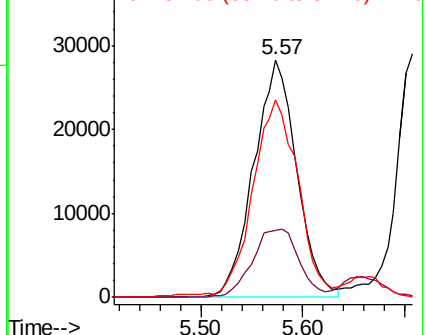
56 100

69 28.4 25.4 38.2

84 81.8 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: 18.988 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

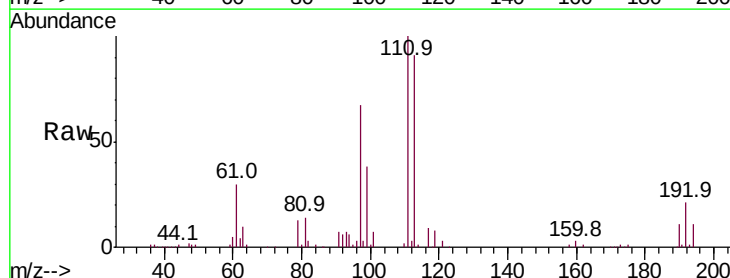
Tgt Ion: 97 Resp: 78596

Ion Ratio Lower Upper

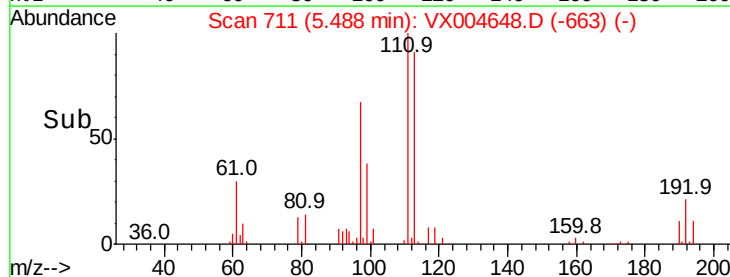
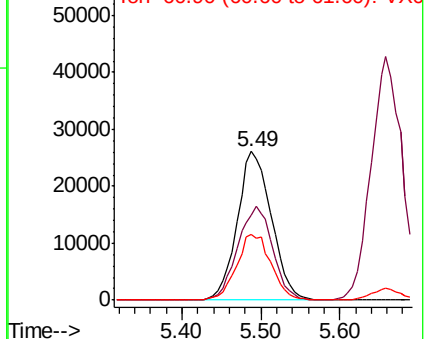
97 100

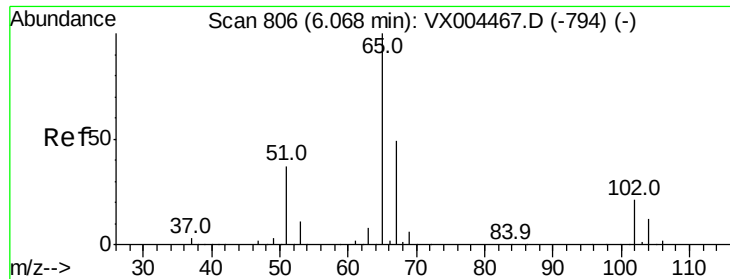
99 64.4 52.0 78.0

61 44.7 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: 46.472 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

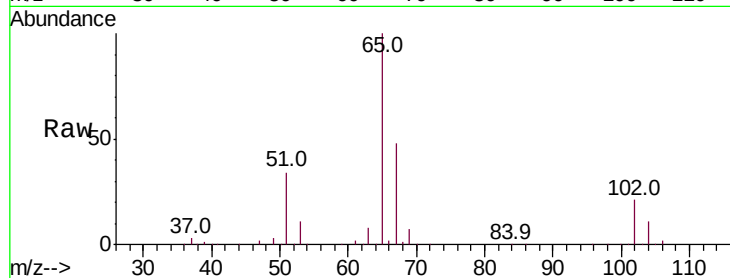
ClientSampleId :

Tot Ion: 65 Resp: 144402

Ion Ratio Lower Upper

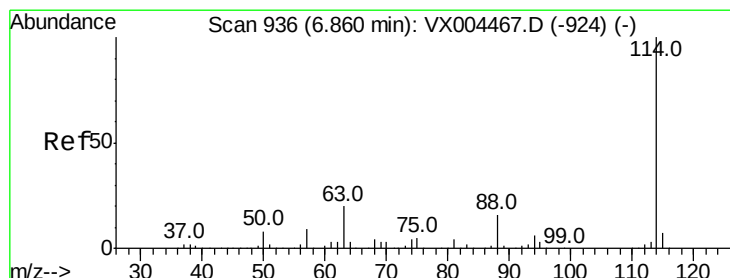
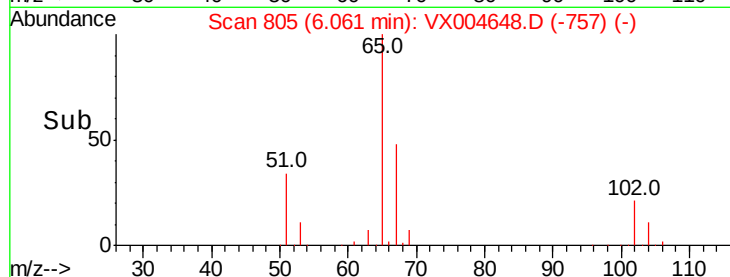
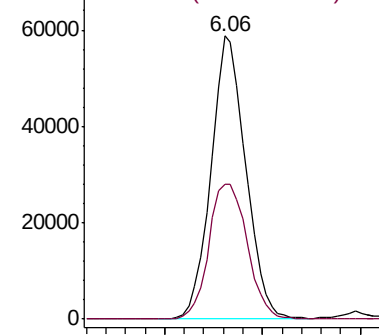
65 100

67 53.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

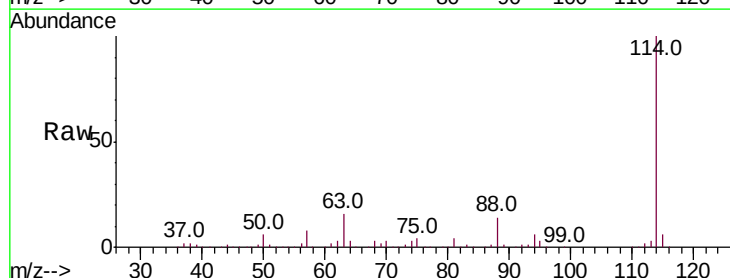
Tgt Ion: 114 Resp: 314613

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.0

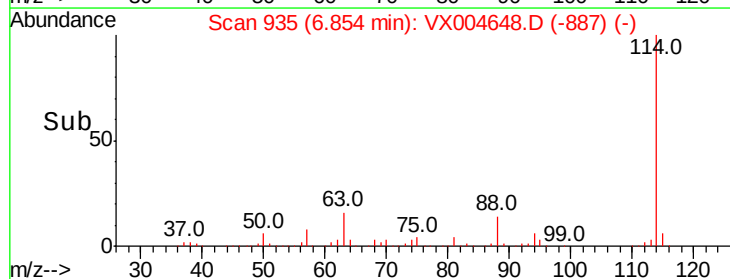
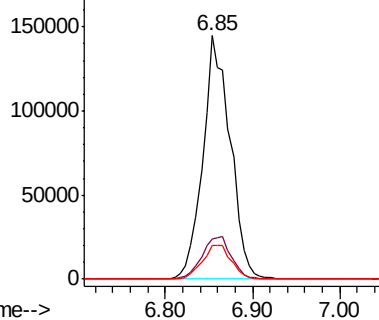
88 13.7 0.0 30.4

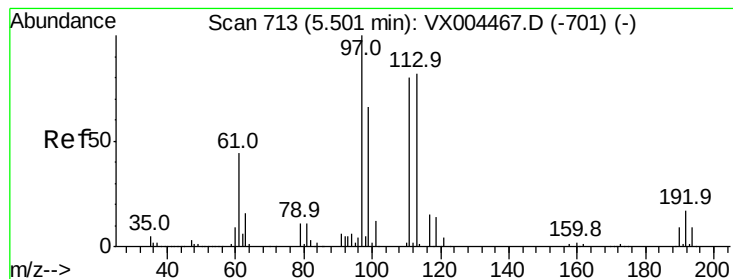


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.769 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

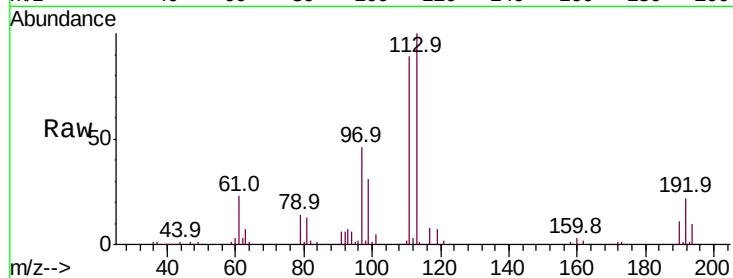
Tot Ion:113 Resp: 128889

Ion Ratio Lower Upper

113 100

111 100.7 82.4 123.6

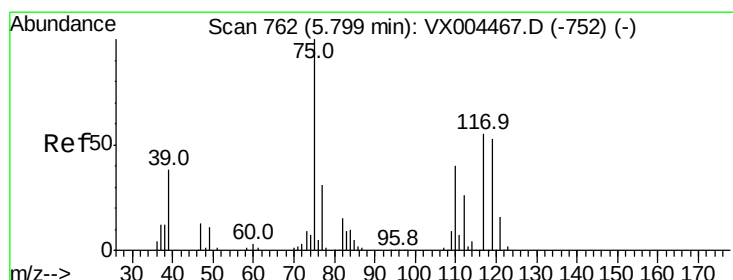
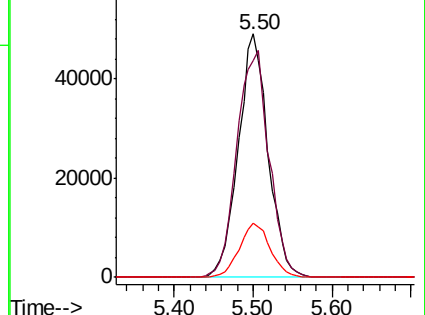
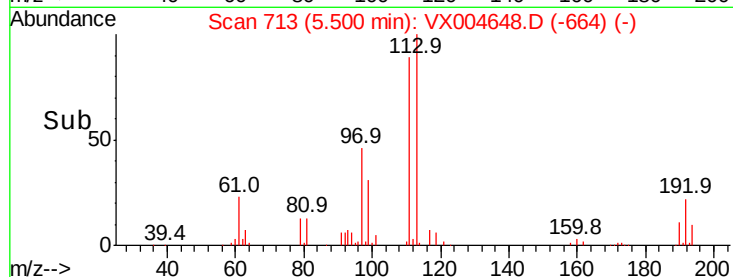
192 23.1 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.919 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

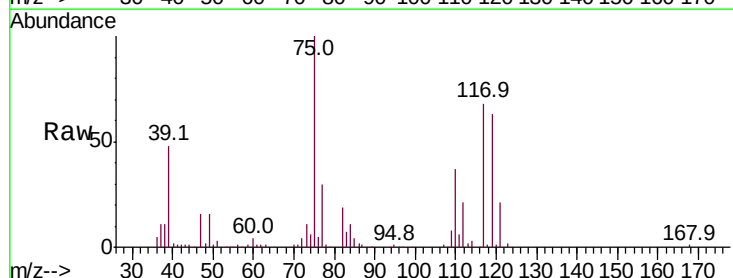
Tgt Ion: 75 Resp: 72264

Ion Ratio Lower Upper

75 100

110 37.6 18.0 54.0

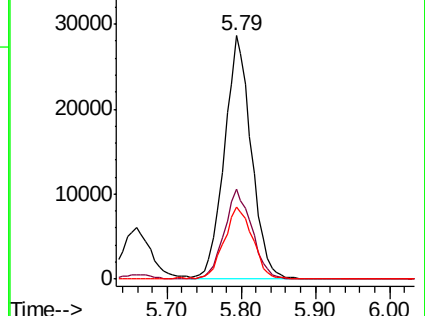
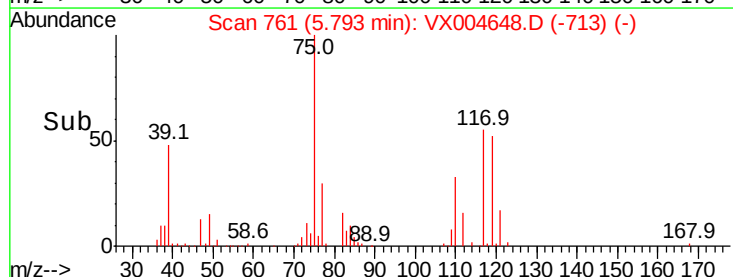
77 31.3 24.6 36.8

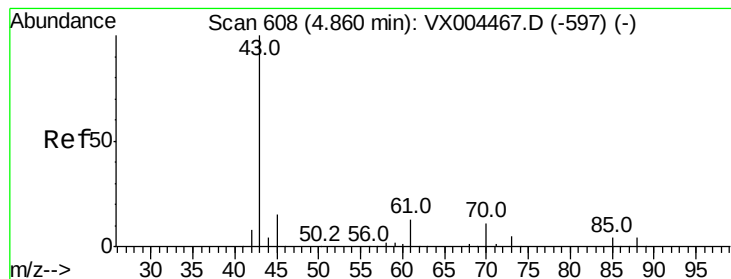


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.297 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

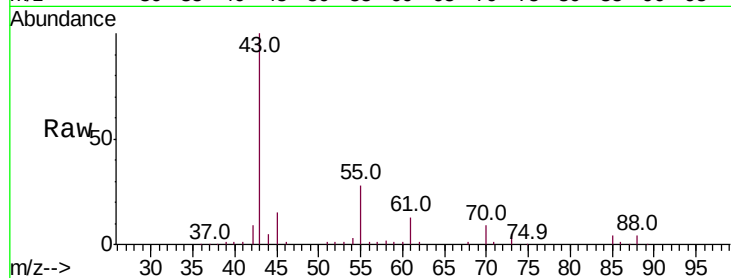
Tot Ion: 43 Resp: 75140

Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

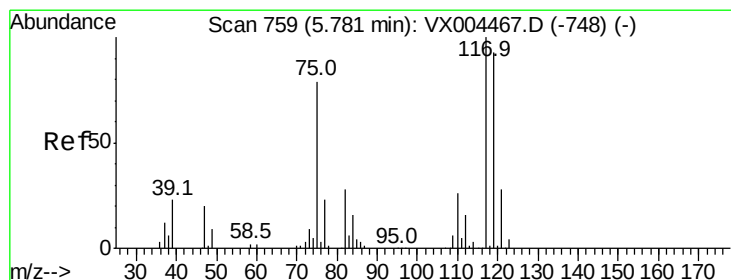
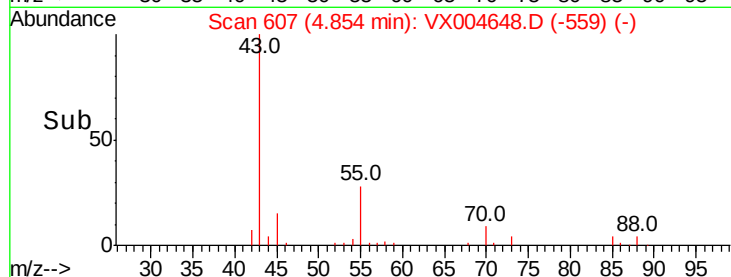
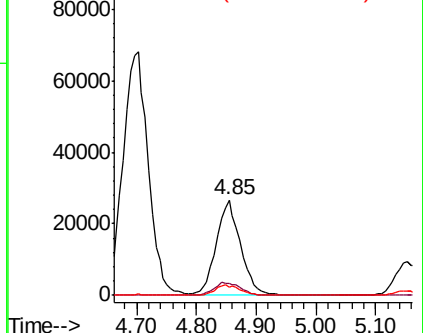
70 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.215 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

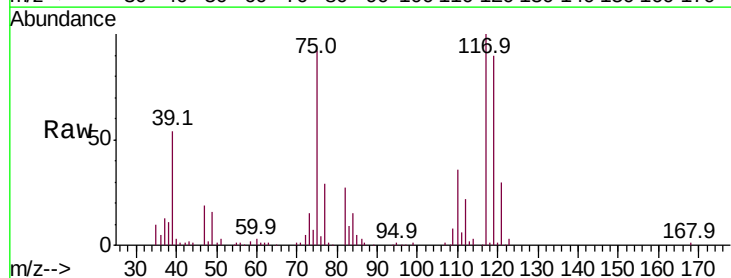
Tgt Ion: 117 Resp: 71685

Ion Ratio Lower Upper

117 100

119 89.5 78.8 118.2

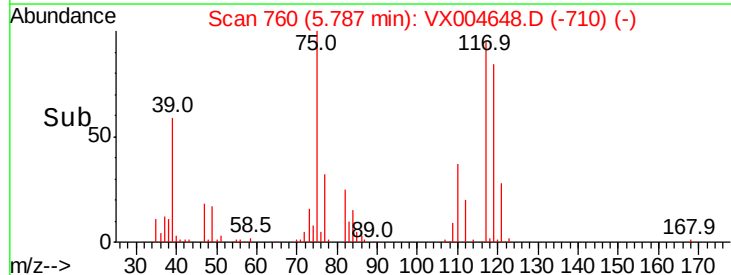
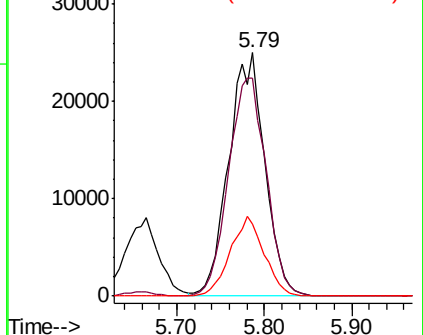
121 29.7 24.9 37.3

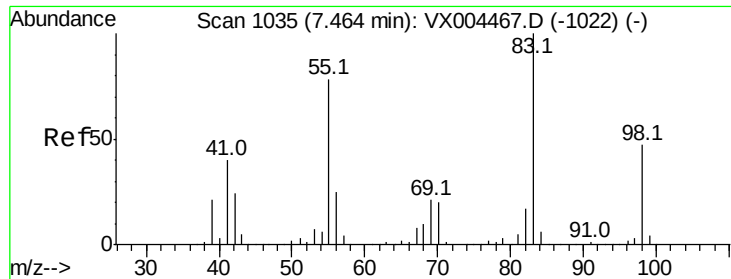


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

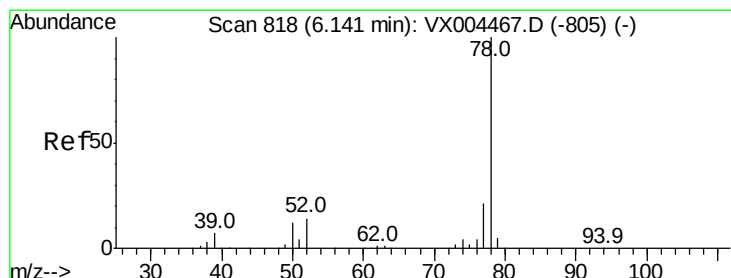
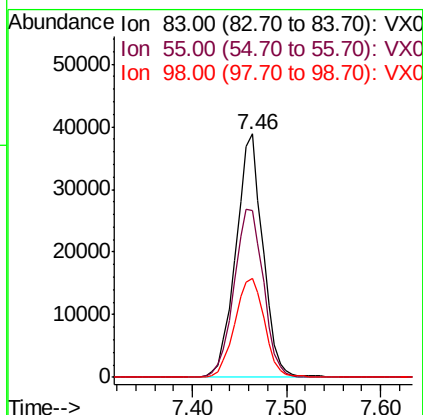
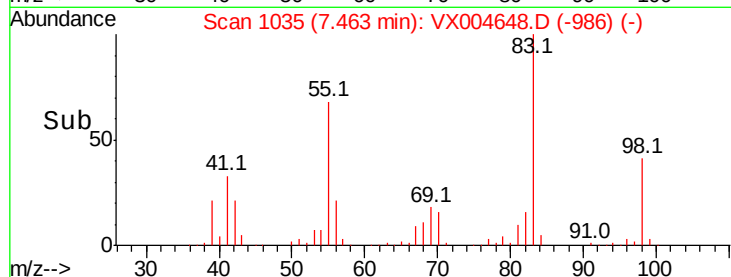
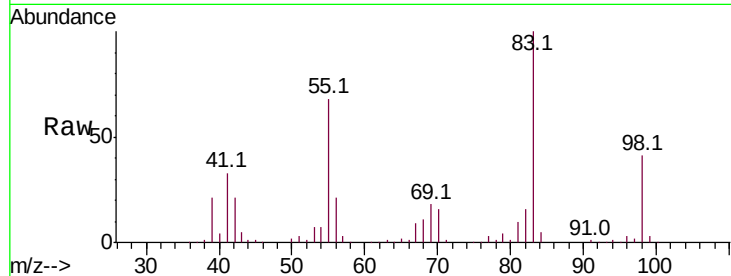




#39
Methylvlcyclohexane
Concen: 19.458 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

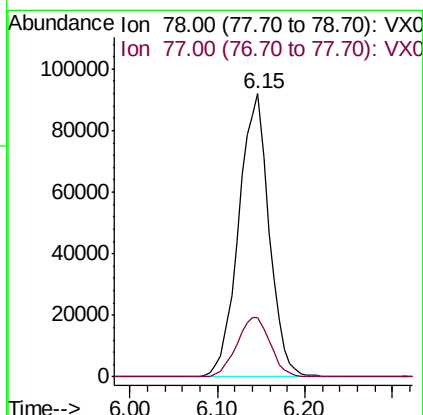
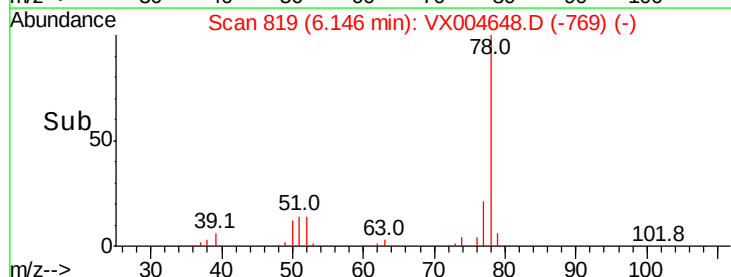
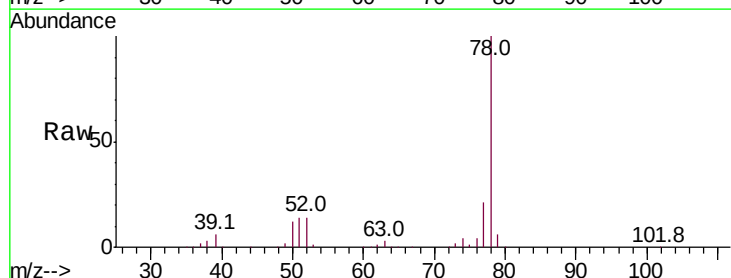
Instrument :
MSVOA_X
ClientSampled :

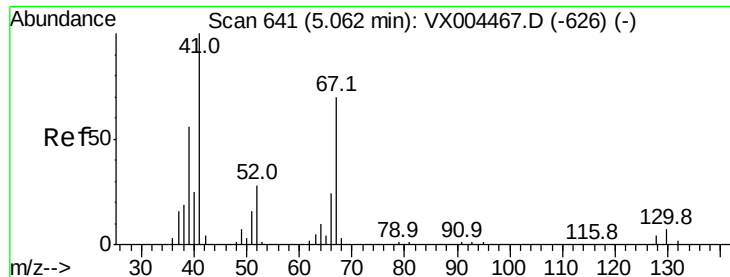
Tot Ion: 83 Resp: 77558
Ion Ratio Lower Upper
83 100
55 68.3 61.0 91.4
98 40.8 39.6 59.4



#40
Benzene
Concen: 19.603 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Tgt Ion: 78 Resp: 222159
Ion Ratio Lower Upper
78 100
77 21.0 19.0 28.4

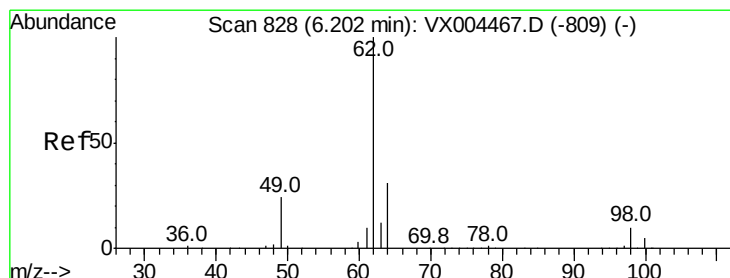
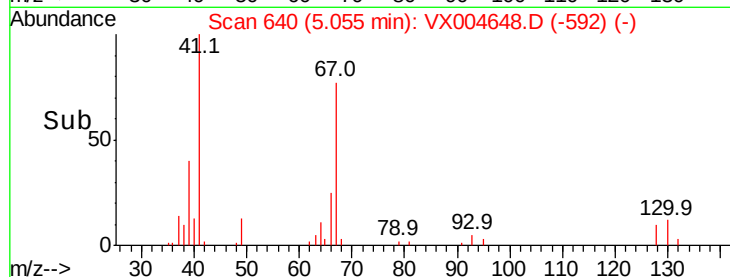
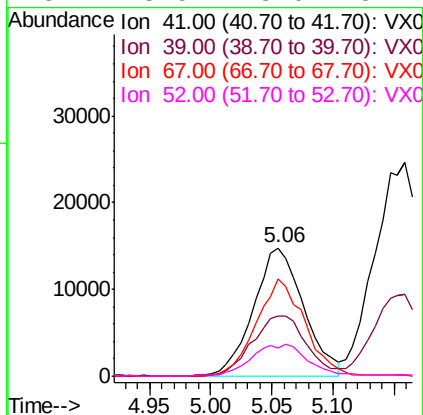
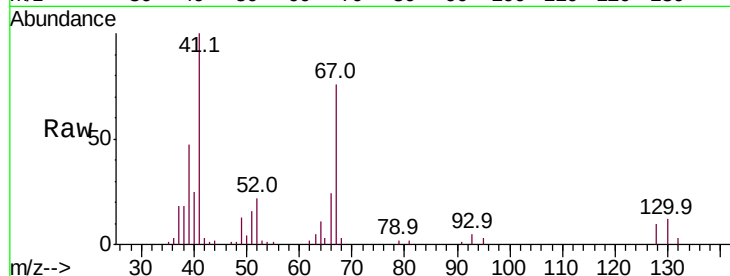




#41
Methacrylonitrile
Concen: 17.725 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

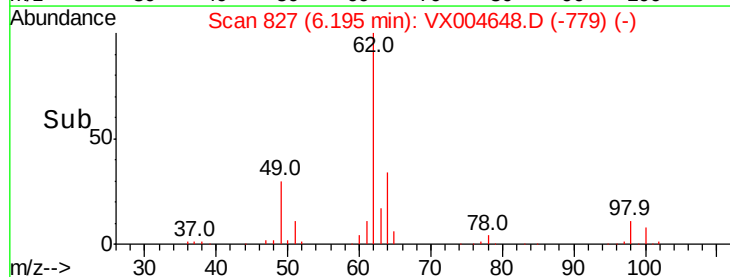
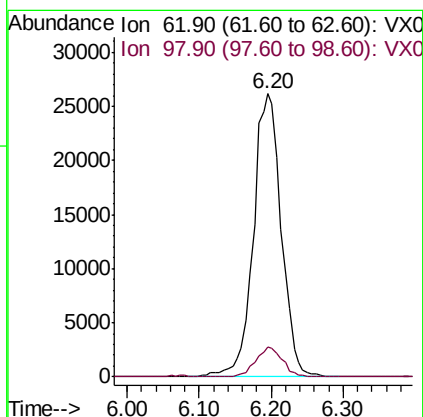
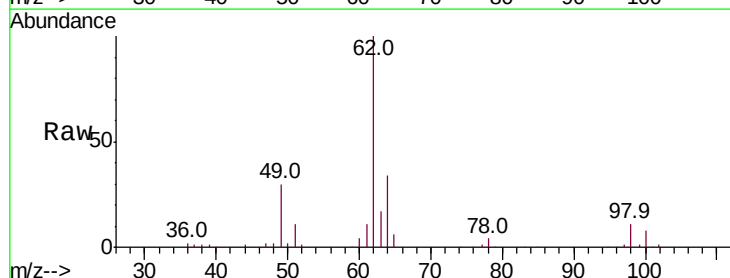
Instrument :
MSVOA_X
ClientSampleId :

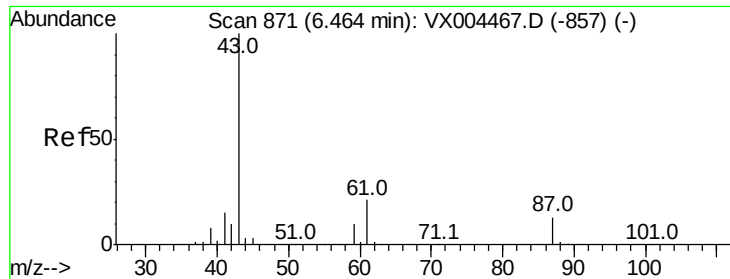
Tot Ion:	41	Resp:	42426
Ion	Ratio	Lower	Upper
41	100		
39	51.6	42.4	63.6
67	73.4	59.2	88.8
52	28.5	23.0	34.4



#42
1,2-Dichloroethane
Concen: 18.675 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Tgt Ion:	62	Resp:	70193
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 17.127 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

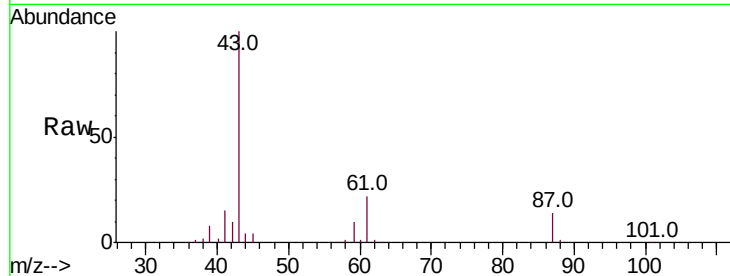
Tot Ion: 43 Resp: 98819

Ion Ratio Lower Upper

43 100

61 20.7 17.0 25.4

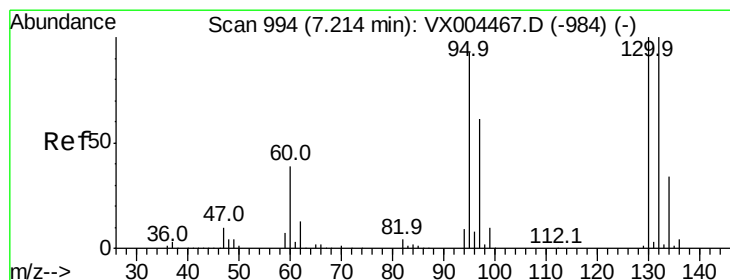
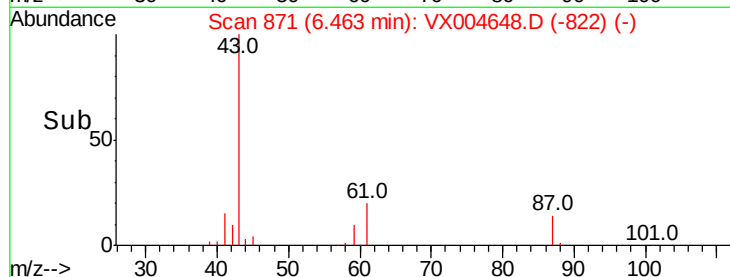
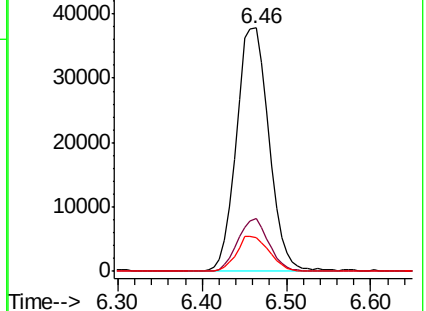
87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.936 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004648.D

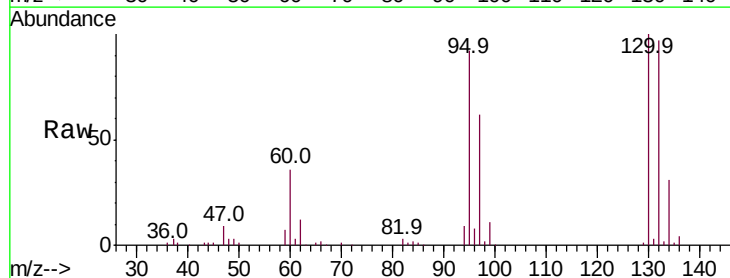
Acq: 18 Sep 2018 10:56

Tgt Ion: 130 Resp: 58697

Ion Ratio Lower Upper

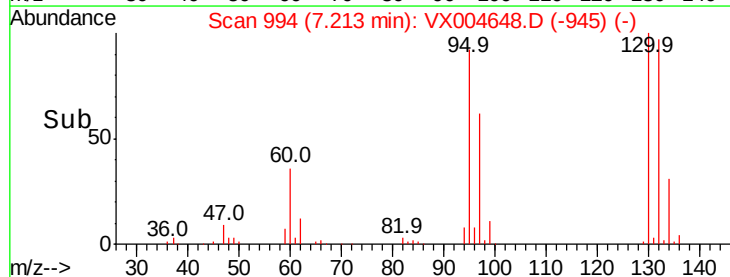
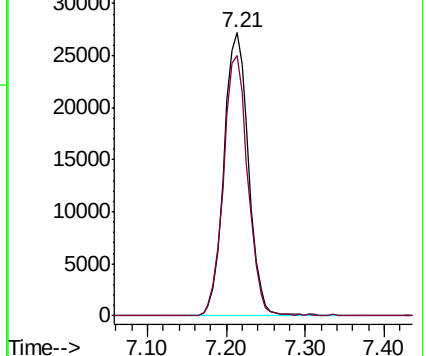
130 100

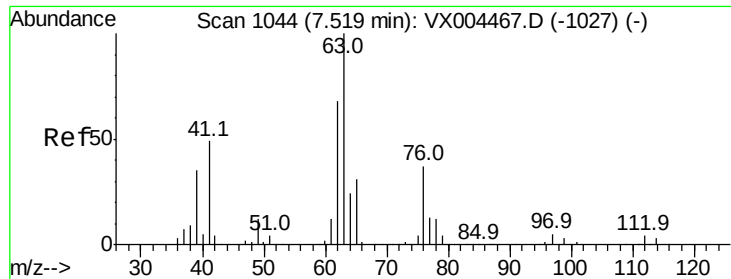
95 92.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

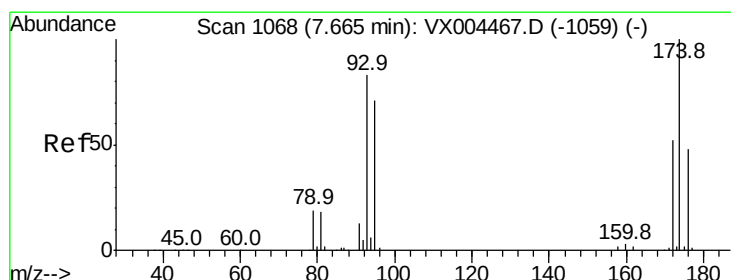
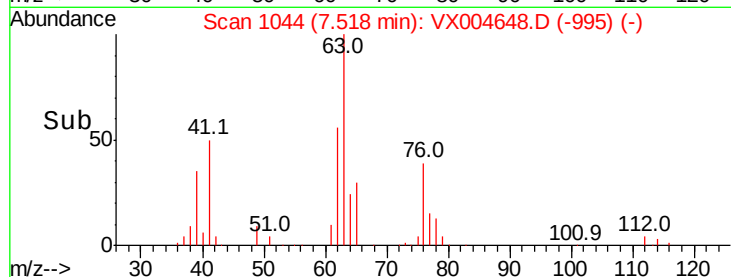
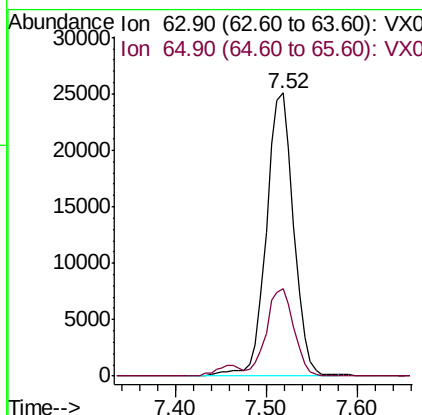
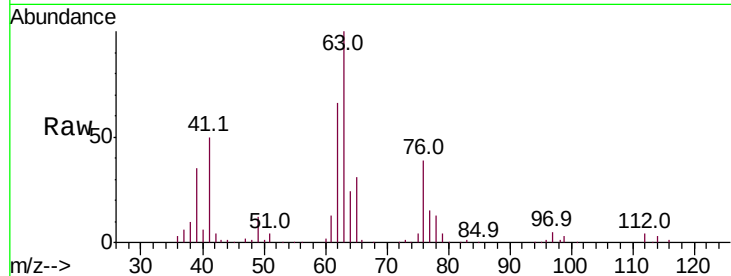




#45
 1,2-Dichloropropane
 Concen: 19.126 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

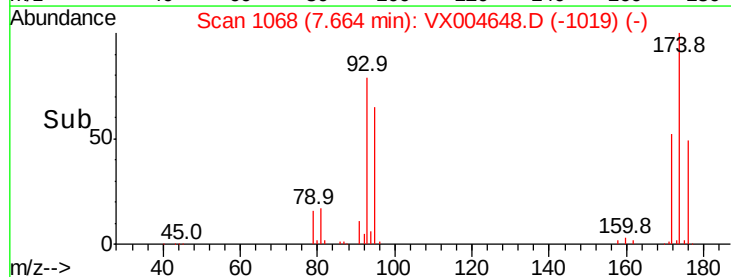
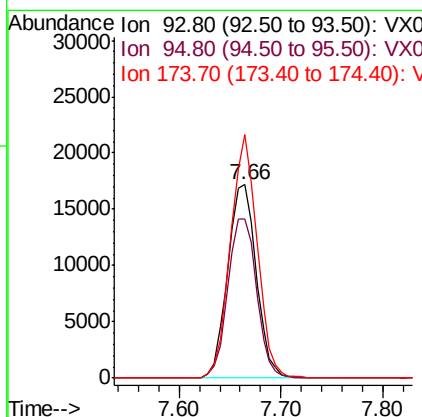
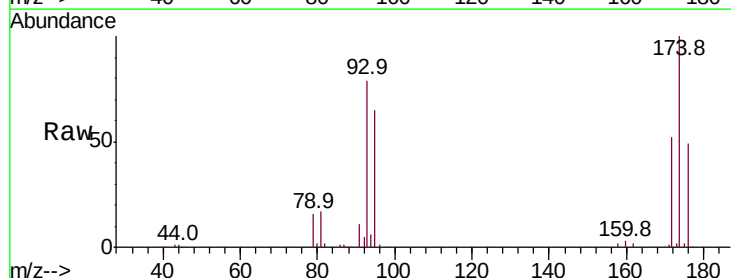
Instrument :
 MSVOA_X
 ClientSampleId :

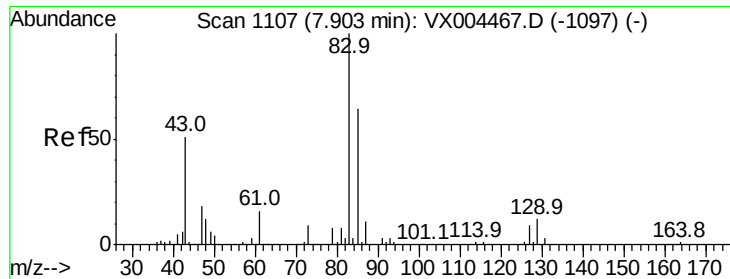
Tot Ion: 63 Resp: 52157
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 19.362 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion: 93 Resp: 33356
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.5 98.3
 174 117.2 94.2 141.4





#47

Bromodichloromethane

Concen: 18.756 ug/l

RT: 7.90 min Scan# 1106

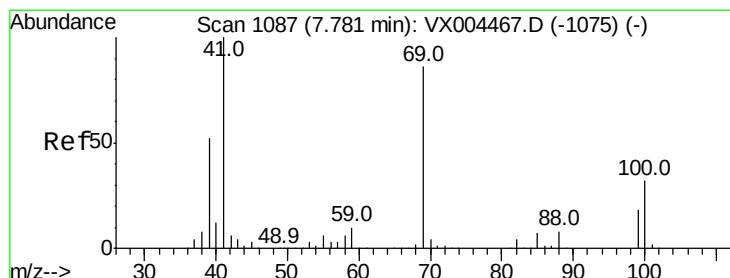
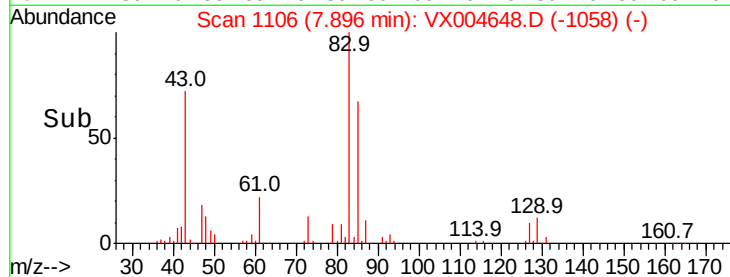
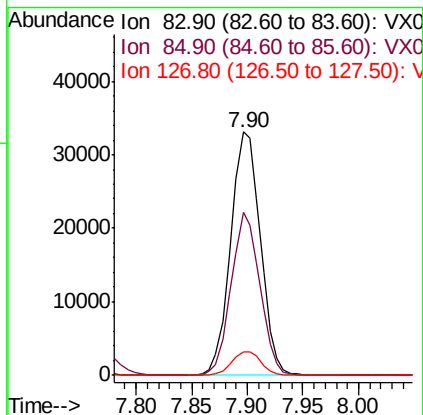
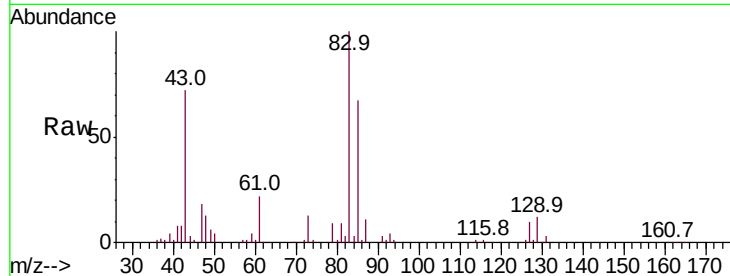
Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	83	Resp:	61107
Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.9	76.3
127	9.5	7.3	10.9



#48

Methyl methacrylate

Concen: 17.874 ug/l

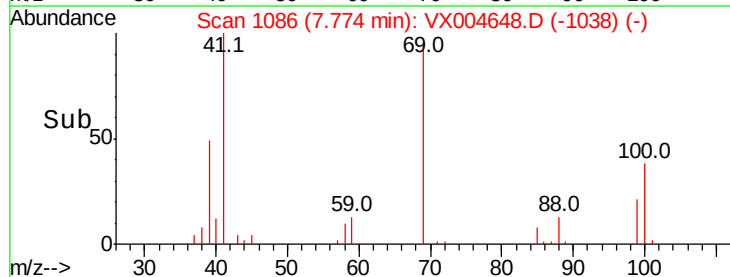
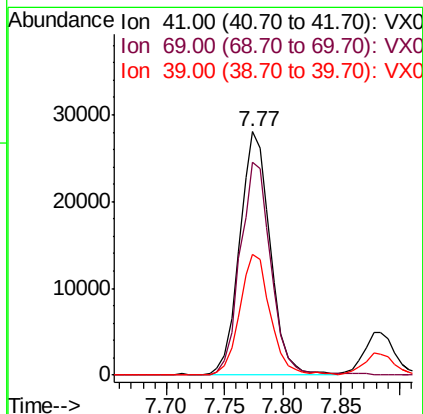
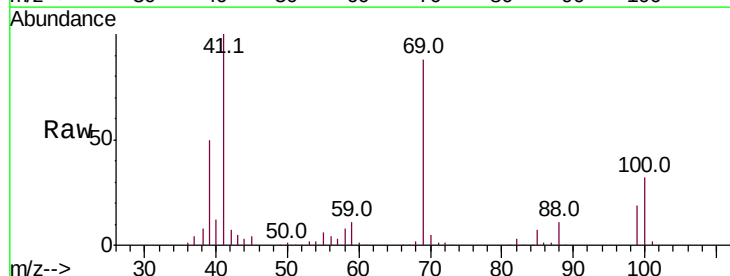
RT: 7.77 min Scan# 1086

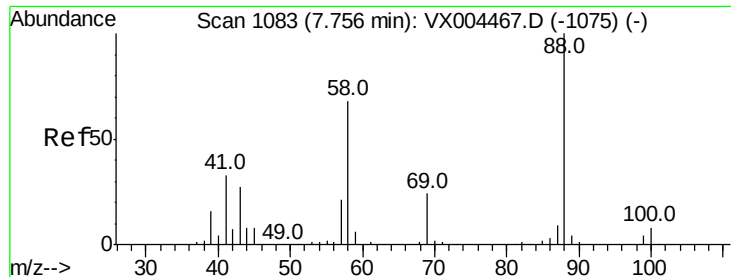
Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Tgt Ion:	41	Resp:	51038
Ion	Ratio	Lower	Upper
41	100		
69	88.9	70.2	105.4
39	50.2	42.7	64.1

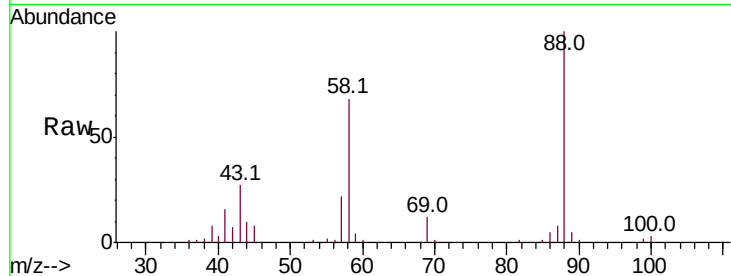




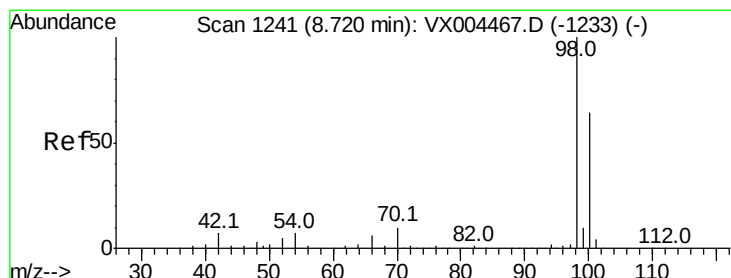
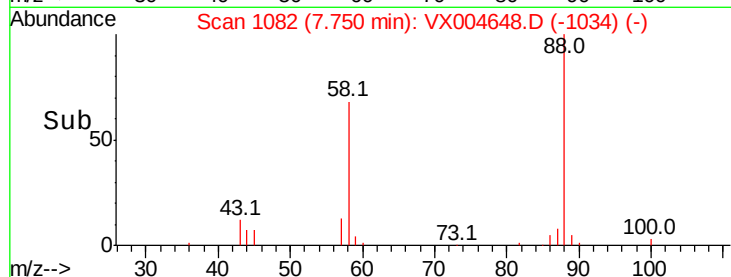
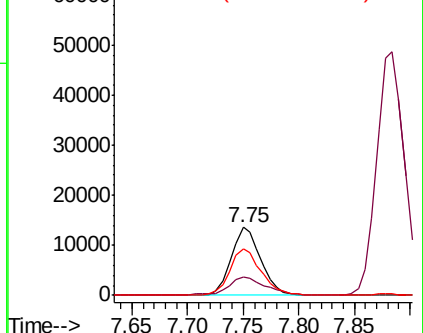
#49
1,4-Dioxane
Concen: 368.798 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 24925
Ion Ratio Lower Upper
88 100
43 32.7 24.7 37.1
58 72.8 55.3 82.9

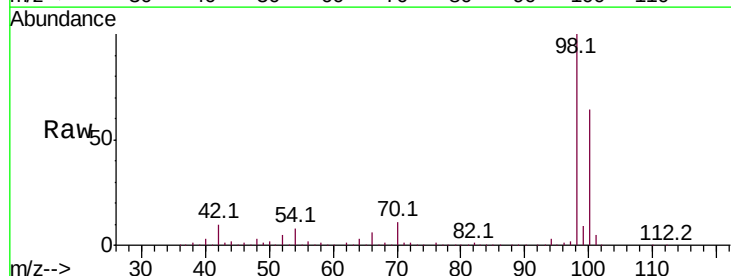


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

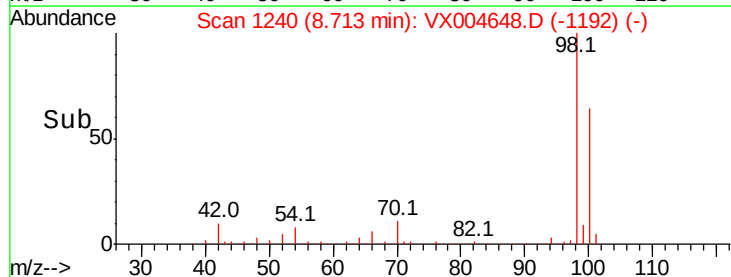
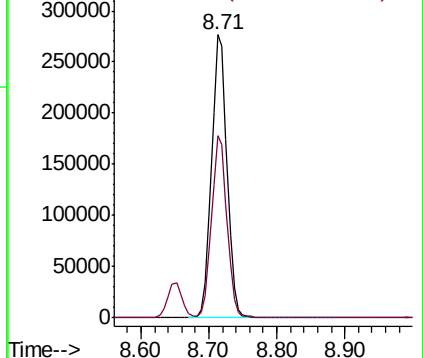


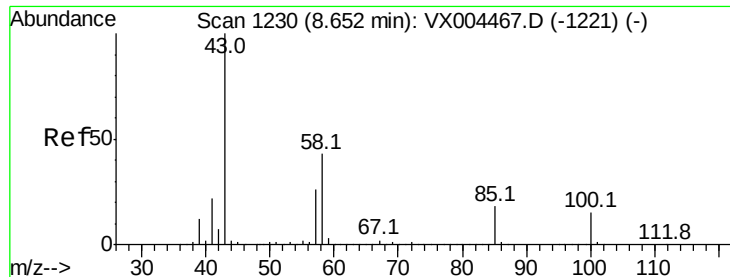
#50
Toluene-d8
Concen: 45.128 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Tgt Ion: 98 Resp: 435702
Ion Ratio Lower Upper
98 100
100 64.0 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: 82.742 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

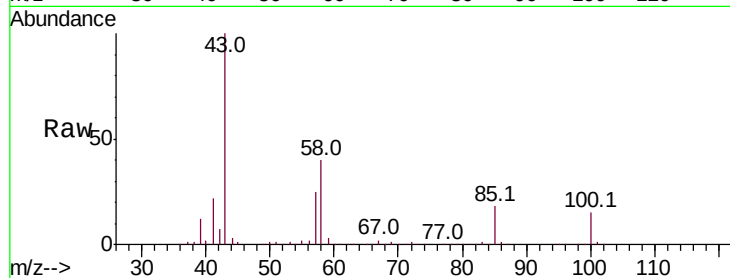
ClientSampled :

Tot Ion: 43 Resp: 336913

Ion Ratio Lower Upper

43 100

58 39.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

200000

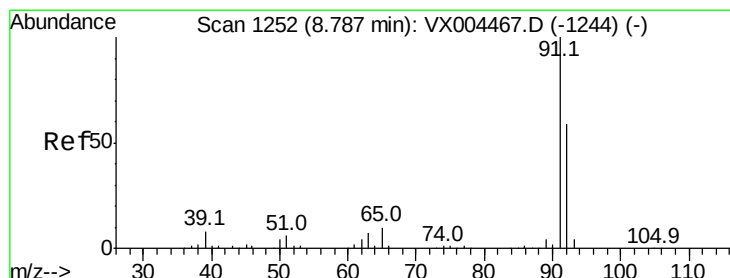
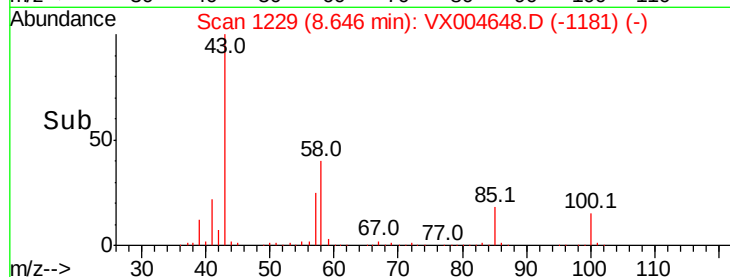
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.738 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004648.D

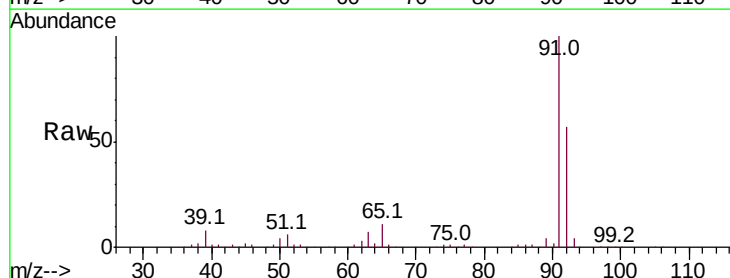
Acq: 18 Sep 2018 10:56

Tgt Ion: 92 Resp: 125112

Ion Ratio Lower Upper

92 100

91 173.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

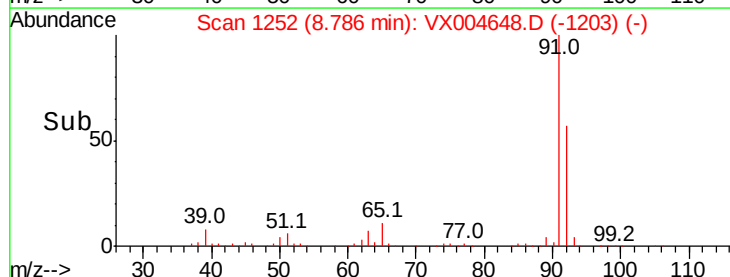
150000

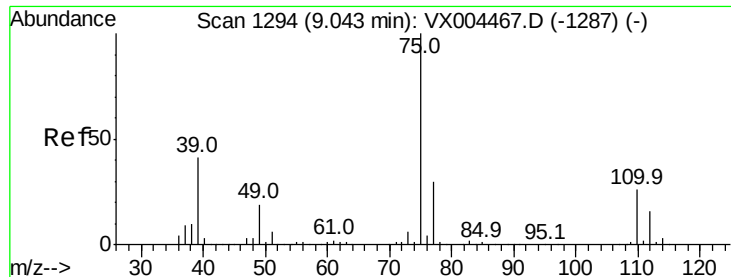
100000

50000

0

Time-->

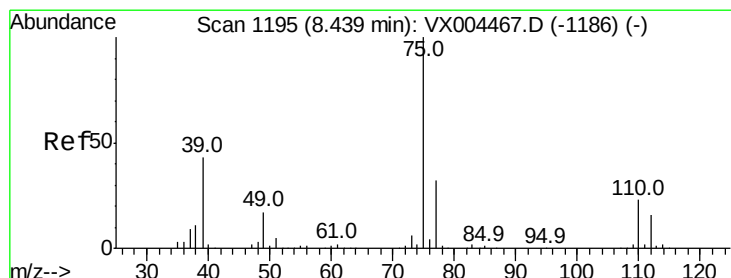
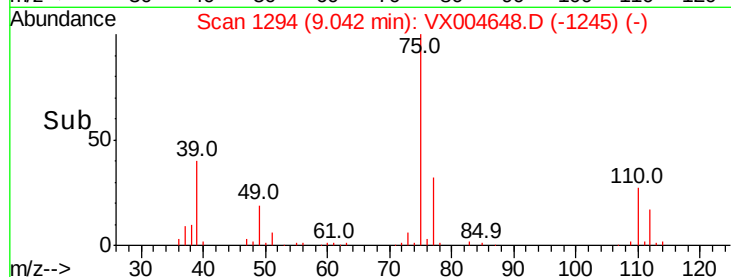
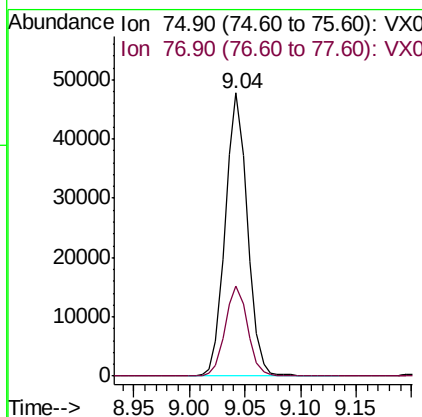
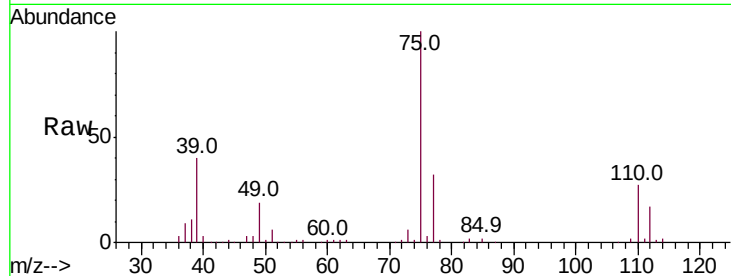




#53
 t-1,3-Dichloropropene
 Concen: 17.317 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

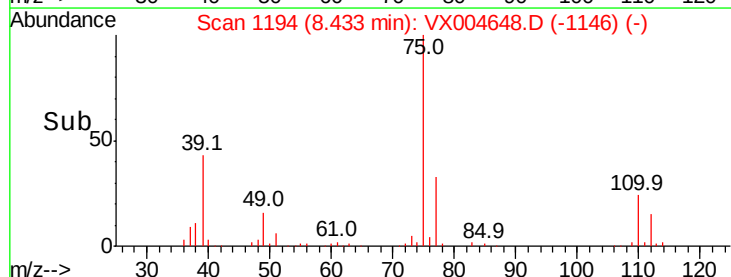
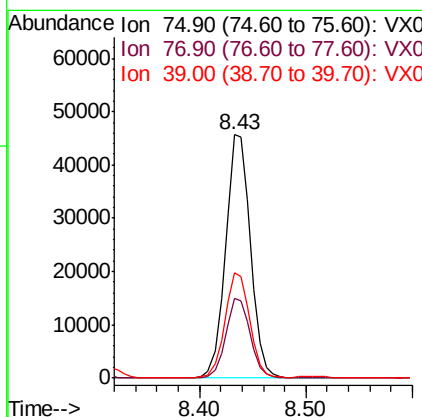
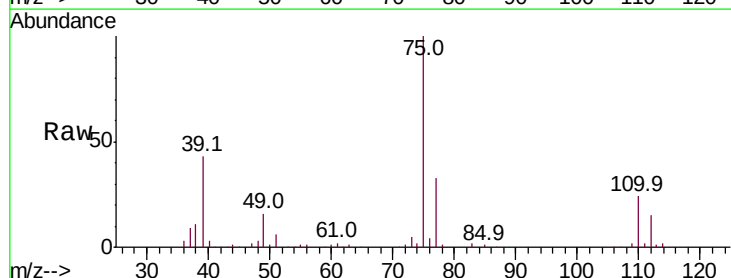
Instrument :
 MSVOA_X
 ClientSampled :

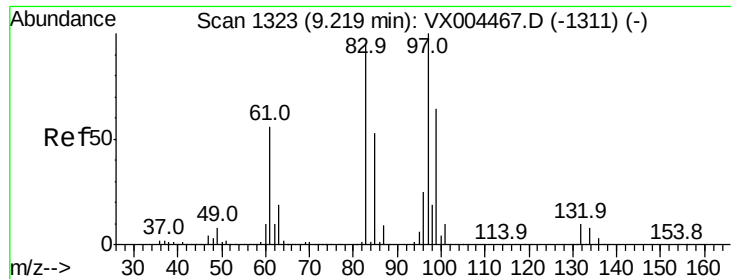
Tot Ion: 75 Resp: 65905
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.229 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion: 75 Resp: 74600
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.2 39.2
 39 43.0 36.4 54.6

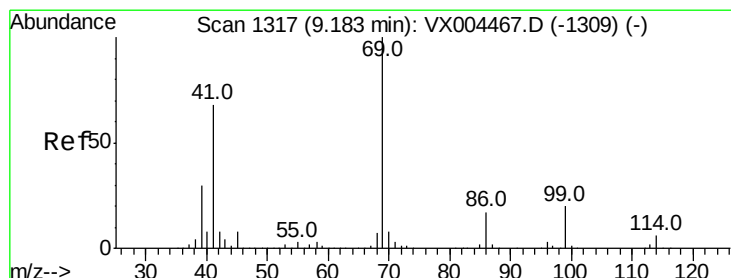
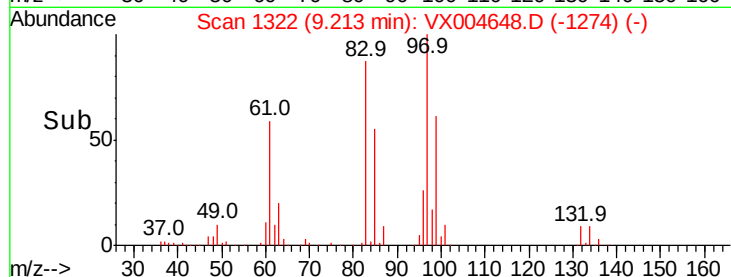
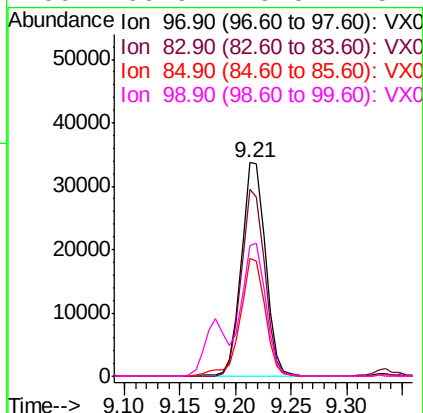
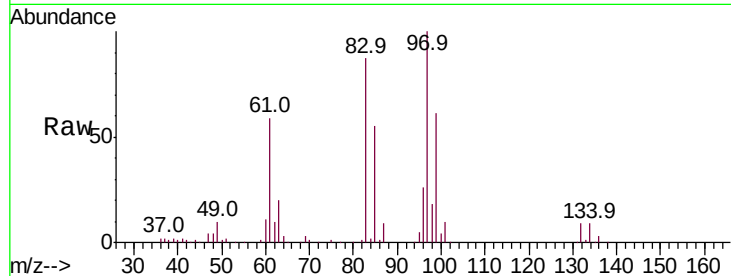




#55
 1,1,2-Trichloroethane
 Concen: 17.744 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

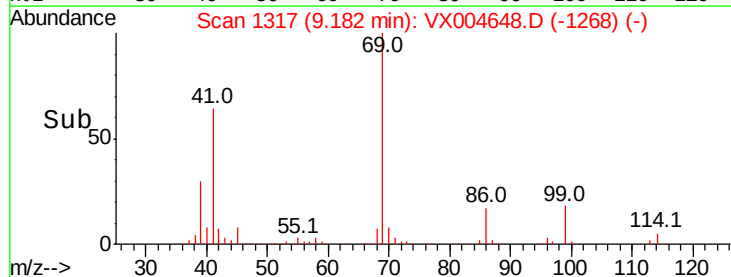
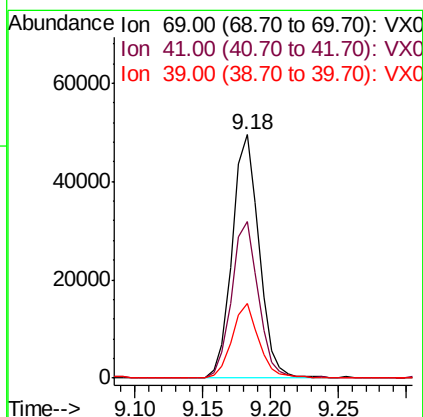
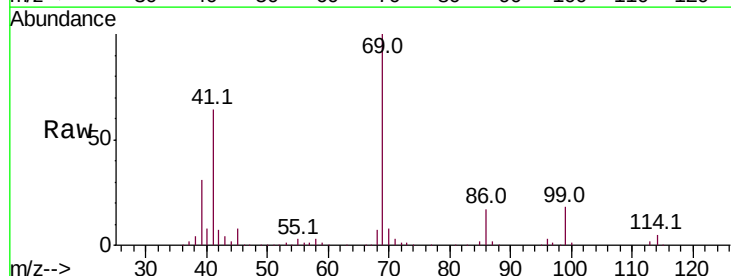
Instrument :
 MSVOA_X
 ClientSampleId :

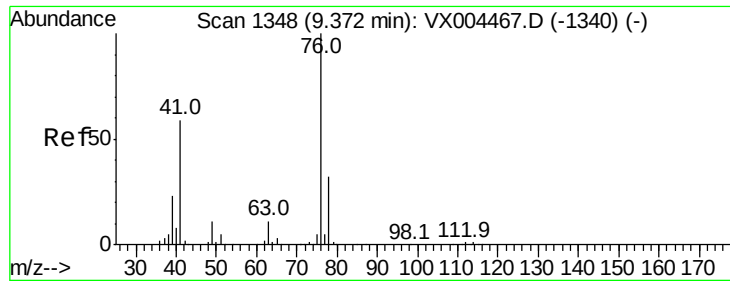
Tot Ion:	97	Resp:	51013
Ion	Ratio	Lower	Upper
97	100		
83	87.3	66.4	99.6
85	55.4	43.3	64.9
99	60.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 16.773 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion:	69	Resp:	68220
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.0	76.4
39	30.7	26.1	39.1





#57

1,3-Dichloropropane

Concen: 17.700 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

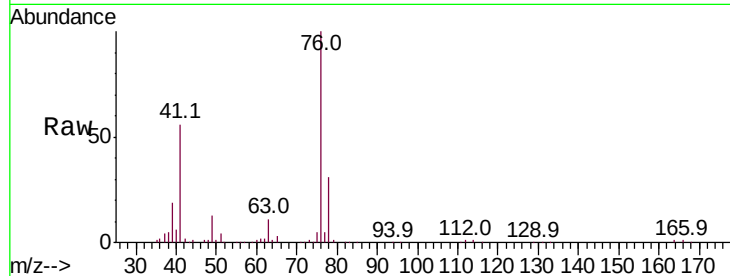
ClientSampleId :

Tot Ion: 76 Resp: 82680

Ion Ratio Lower Upper

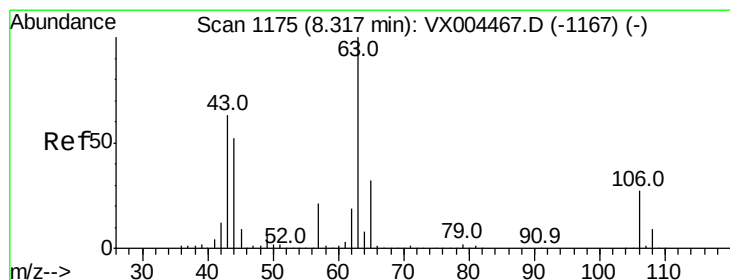
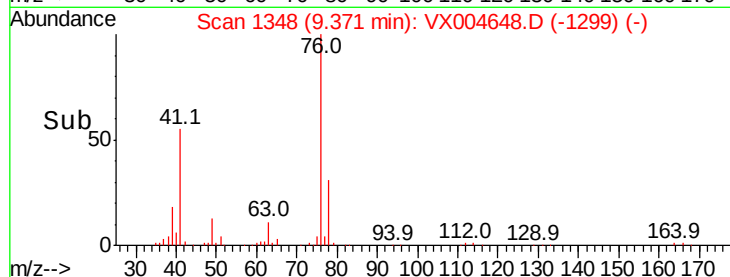
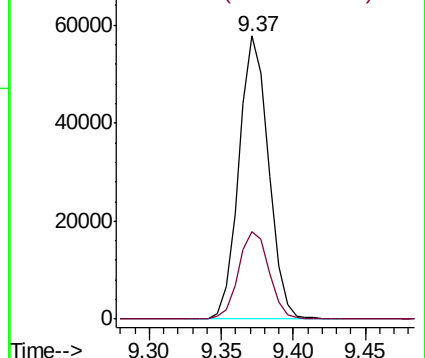
76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.276 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004648.D

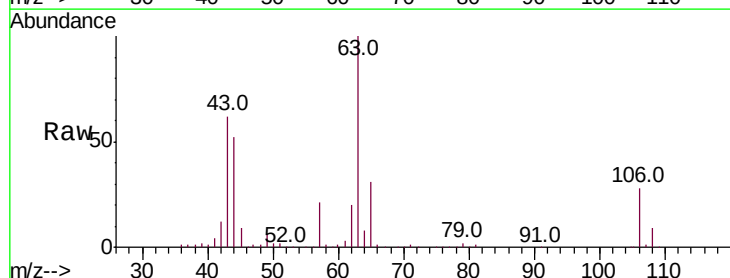
Acq: 18 Sep 2018 10:56

Tgt Ion: 63 Resp: 179288

Ion Ratio Lower Upper

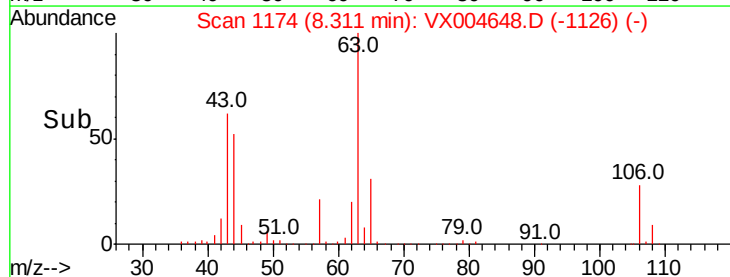
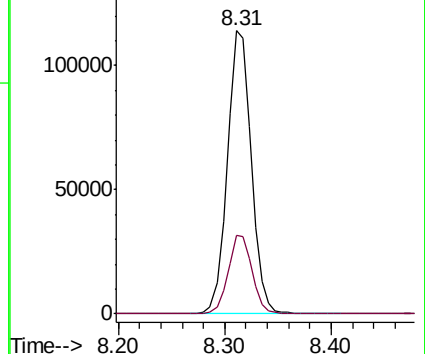
63 100

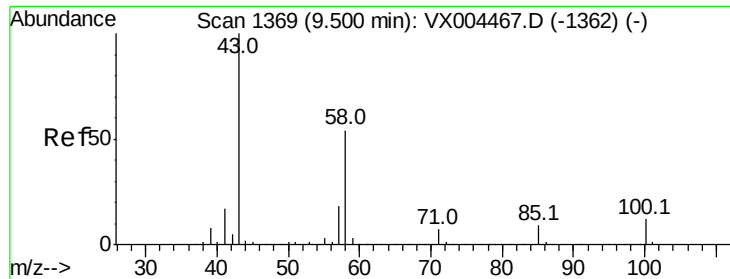
106 27.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

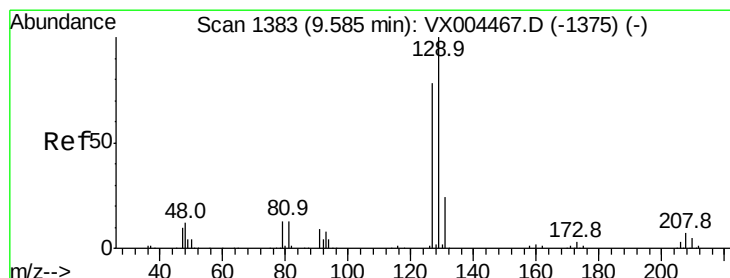
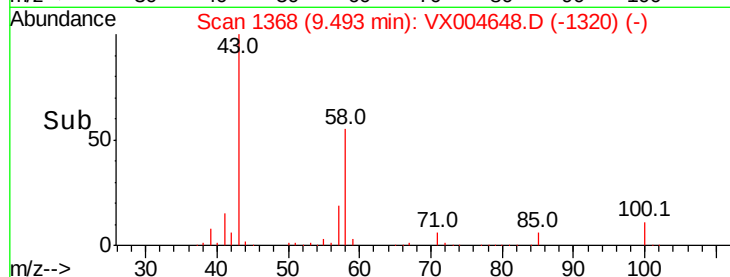
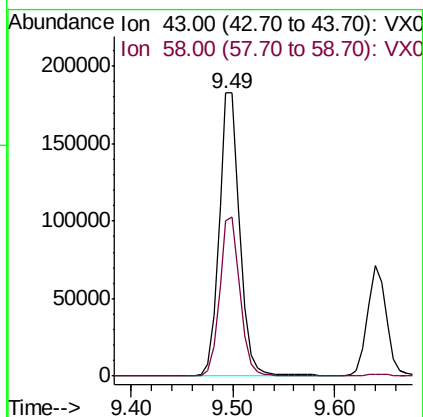
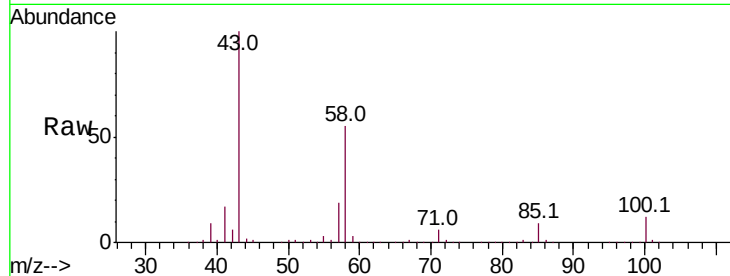




#59
2-Hexanone
Concen: 82.683 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

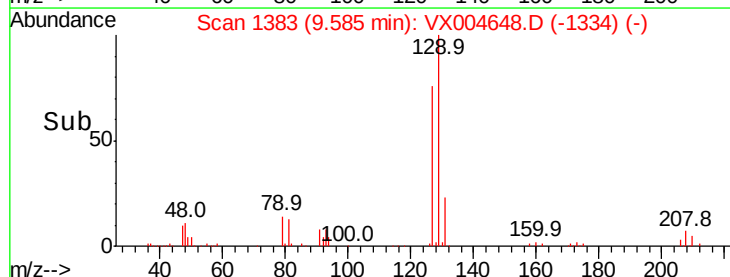
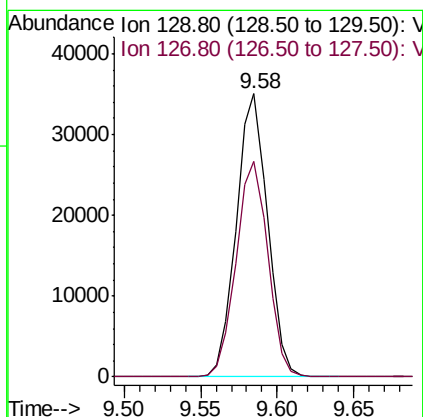
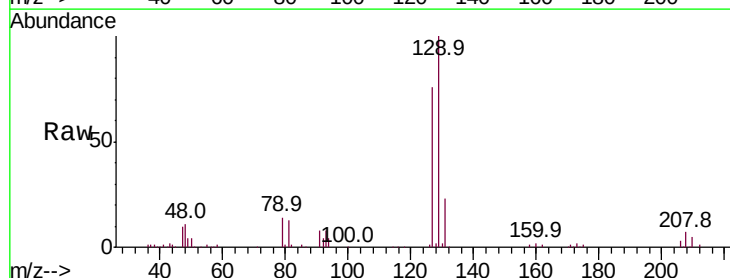
Instrument :
MSVOA_X
ClientSampleId :

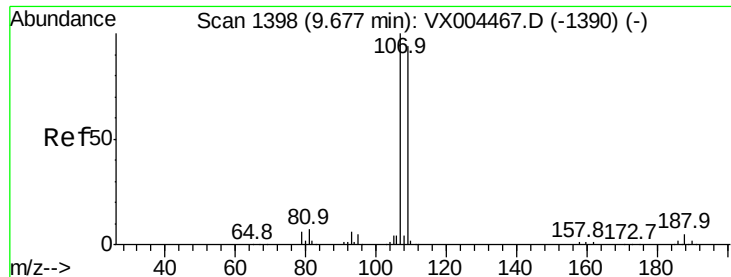
Tot Ion: 43 Resp: 258238
Ion Ratio Lower Upper
43 100
58 55.6 29.0 87.0



#60
Dibromochloromethane
Concen: 18.338 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Tgt Ion: 129 Resp: 49633
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

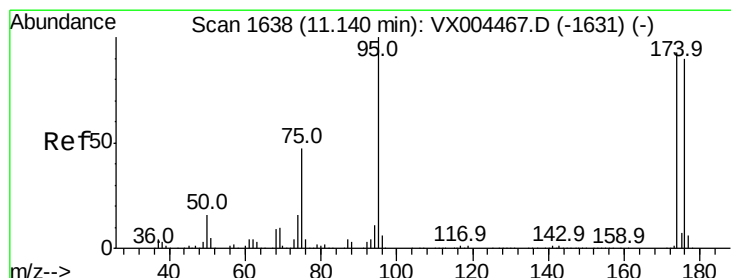
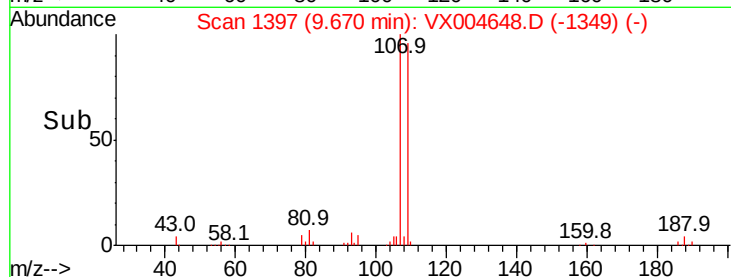
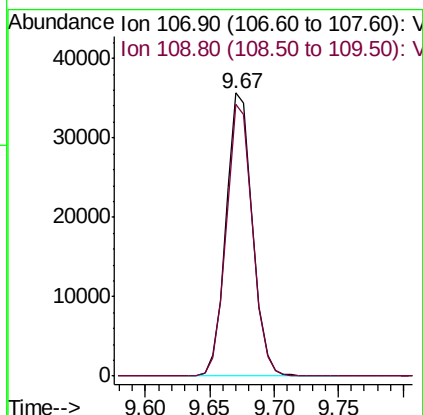
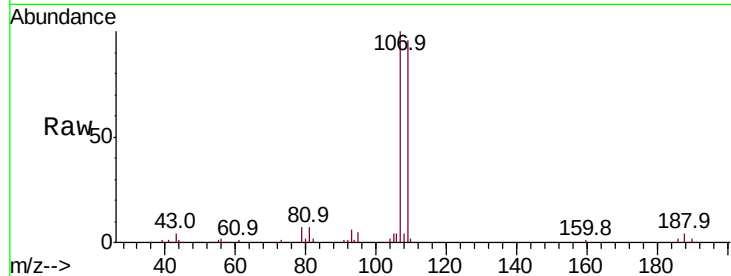




#61
 1,2-Dibromoethane
 Concen: 18.695 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

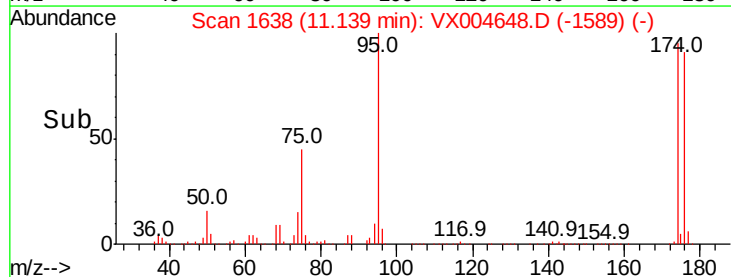
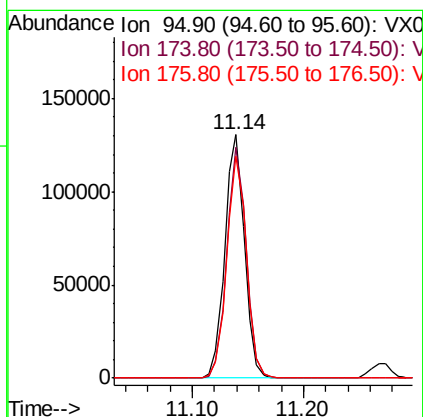
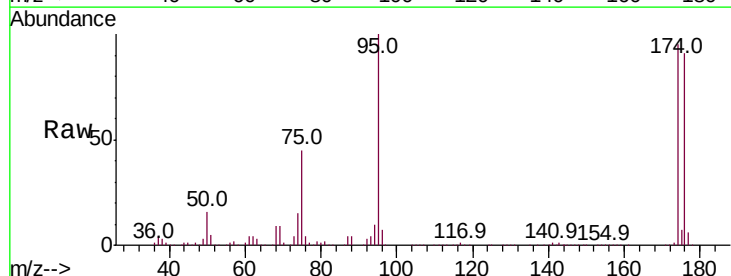
Instrument :
 MSVOA_X
 ClientSampleId :

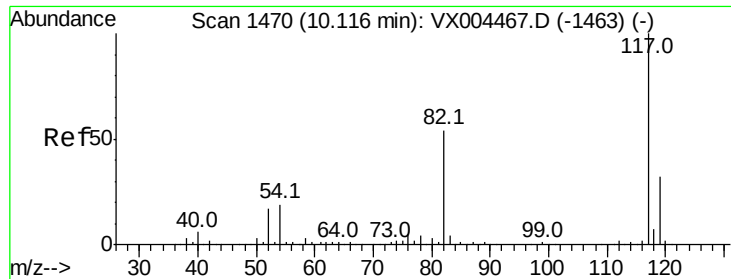
Tot Ion:107 Resp: 51343
 Ion Ratio Lower Upper
 107 100
 109 96.1 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 46.052 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion: 95 Resp: 158711
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 185.2
 176 91.5 0.0 178.6

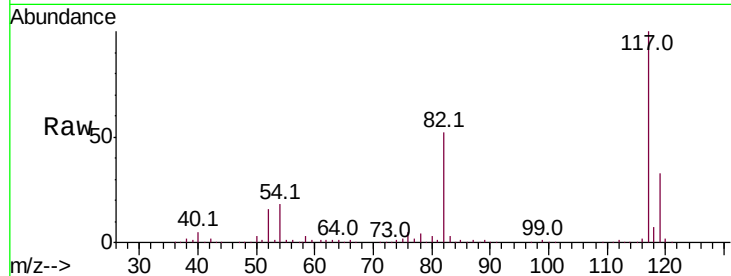




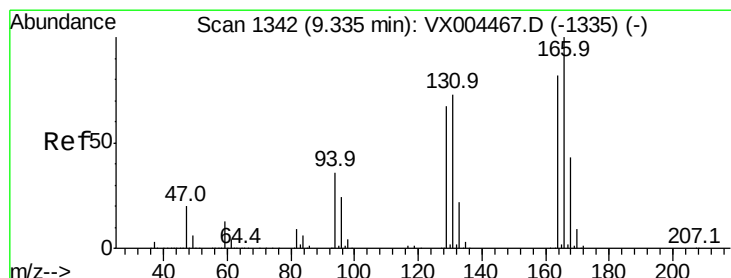
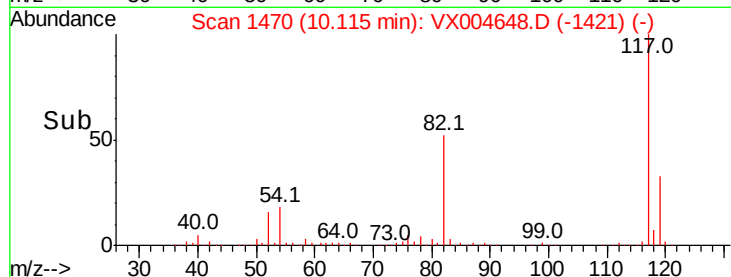
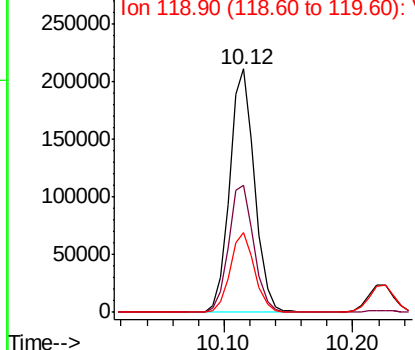
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 284975
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.6
119 32.8 29.3 43.9

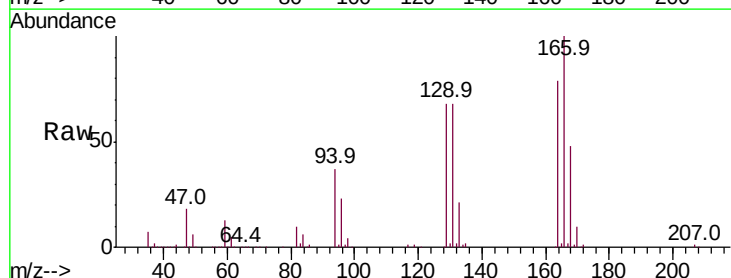


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

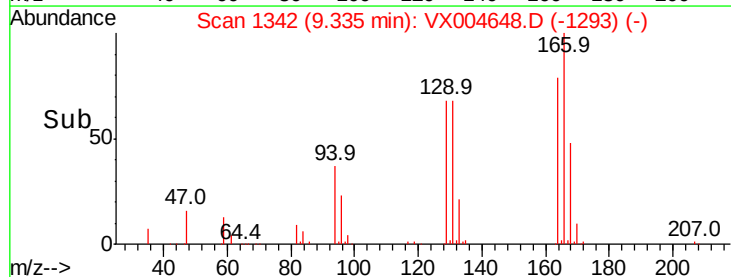
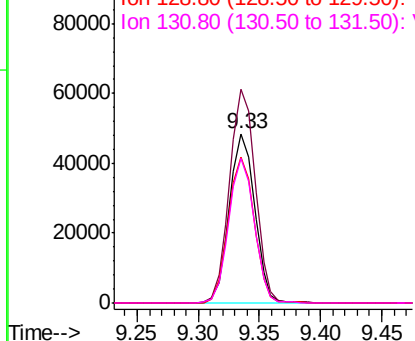


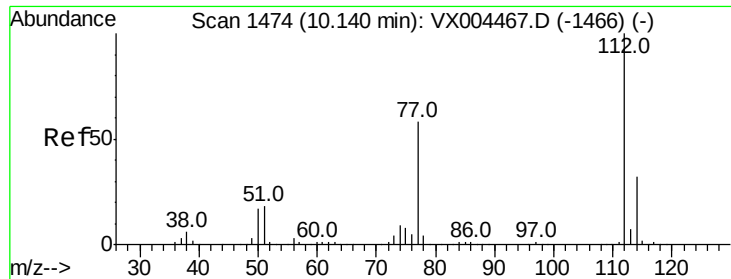
#64
Tetrachloroethene
Concen: 19.611 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Tgt Ion:164 Resp: 69776
Ion Ratio Lower Upper
164 100
166 126.2 102.8 154.2
129 86.3 69.4 104.0
131 85.5 67.9 101.9



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

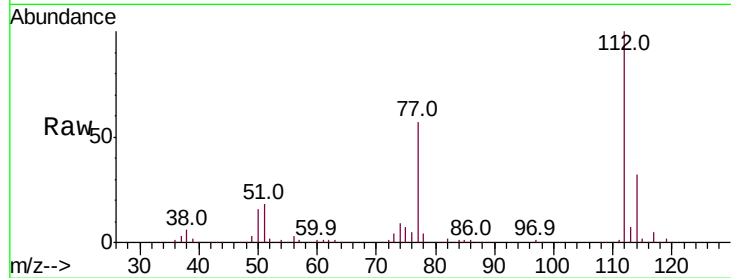




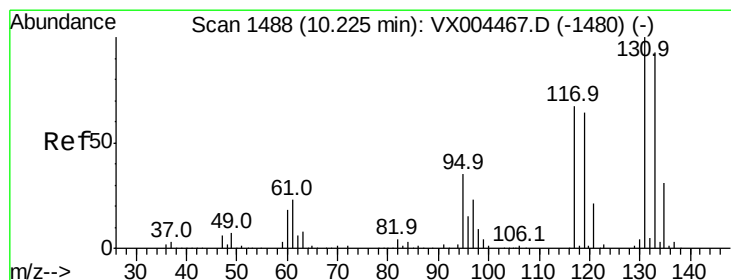
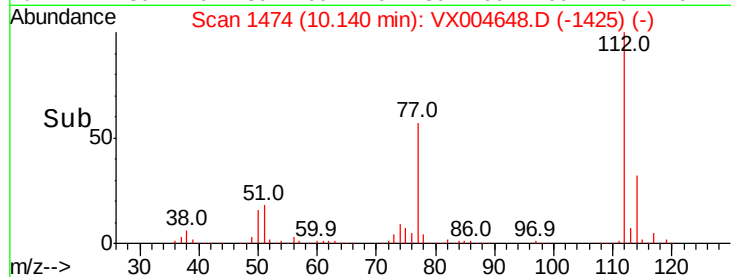
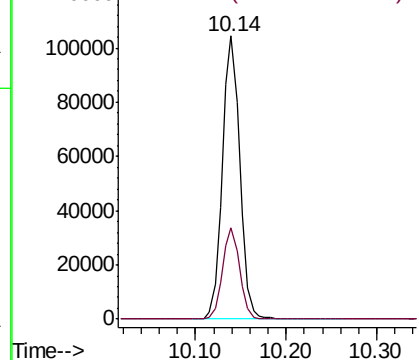
#65
Chlorobenzene
Concen: 19.866 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:112 Resp: 140623
Ion Ratio Lower Upper
112 100
114 32.1 27.8 41.8

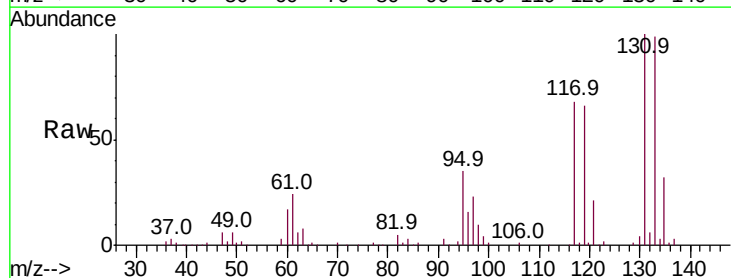


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

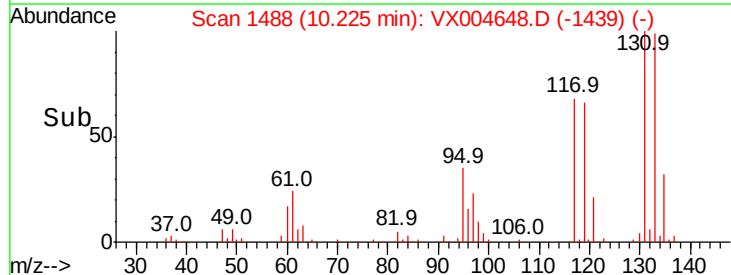
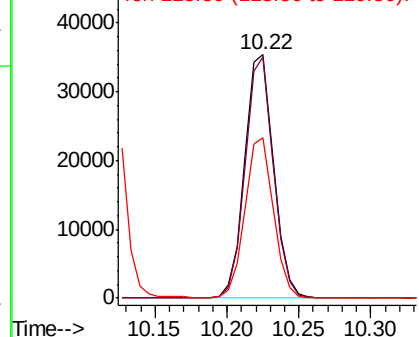


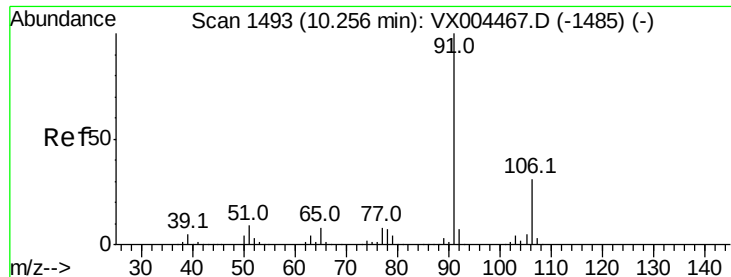
#66
1,1,1,2-Tetrachloroethane
Concen: 20.186 ug/l
RT: 10.22 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Tgt Ion:131 Resp: 49275
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 64.7 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.967 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

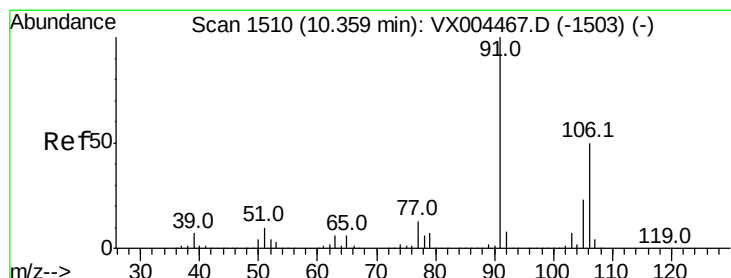
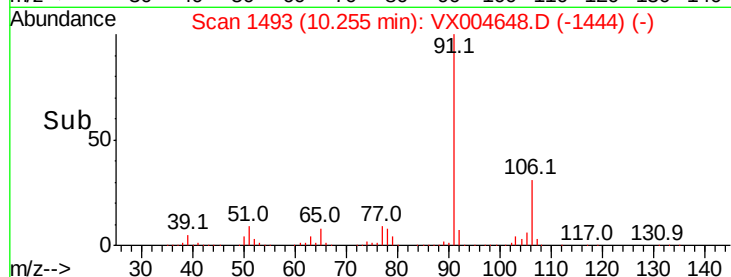
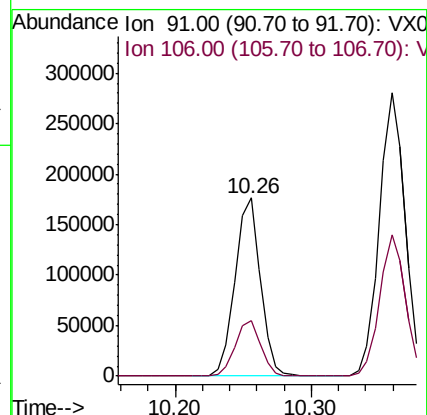
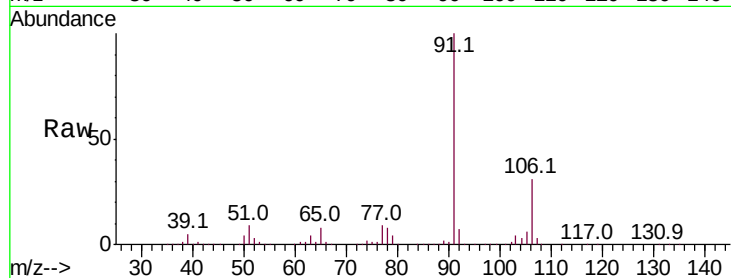
ClientSampleId :

Tot Ion: 91 Resp: 229815

Ion Ratio Lower Upper

91 100

106 31.2 25.9 38.9



#68

m/p-Xylenes

Concen: 41.354 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004648.D

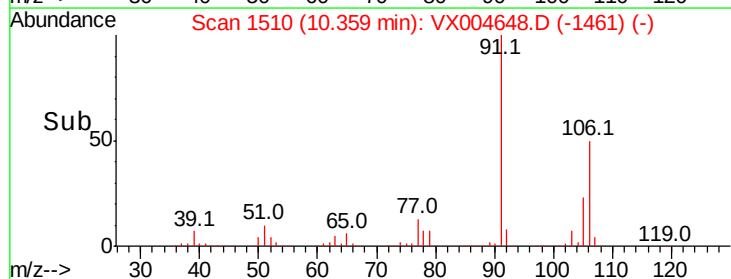
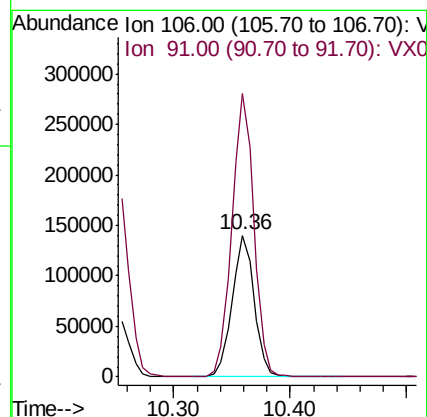
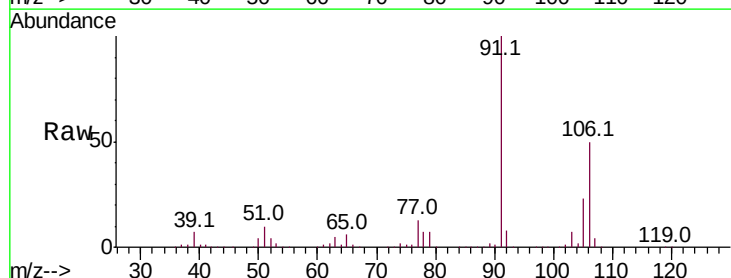
Acq: 18 Sep 2018 10:56

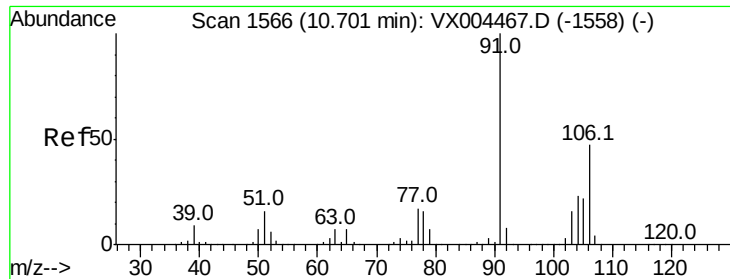
Tgt Ion: 106 Resp: 183349

Ion Ratio Lower Upper

106 100

91 201.1 157.1 235.7

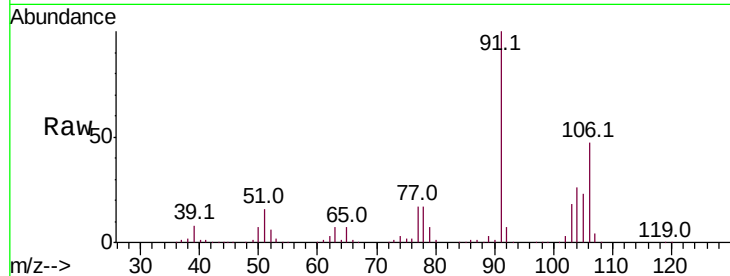




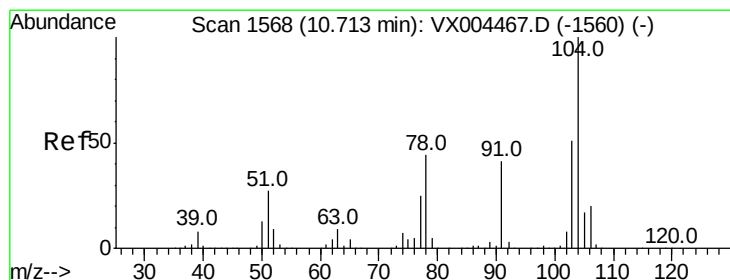
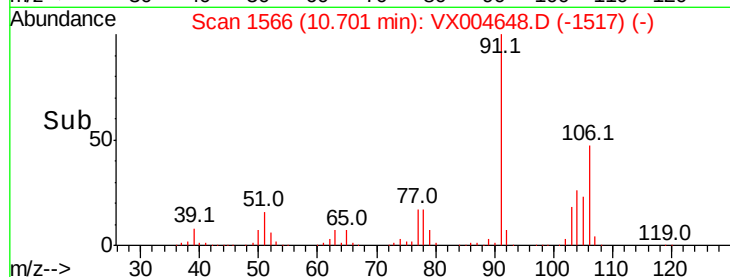
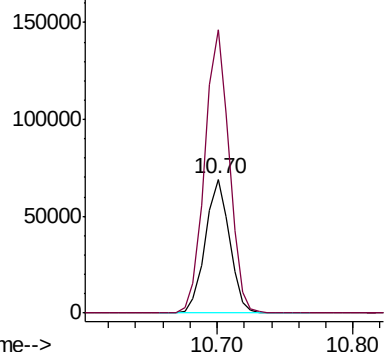
#69
o-Xylene
Concen: 20.170 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 85972
Ion Ratio Lower Upper
106 100
91 213.2 105.1 315.1

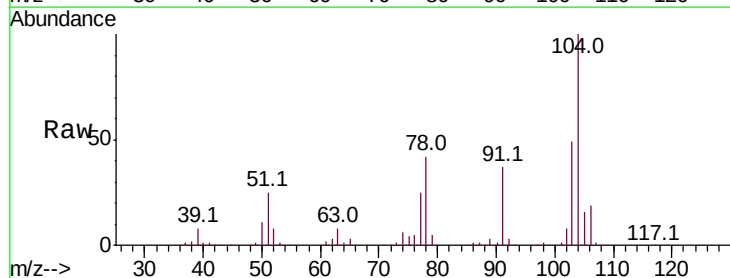


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

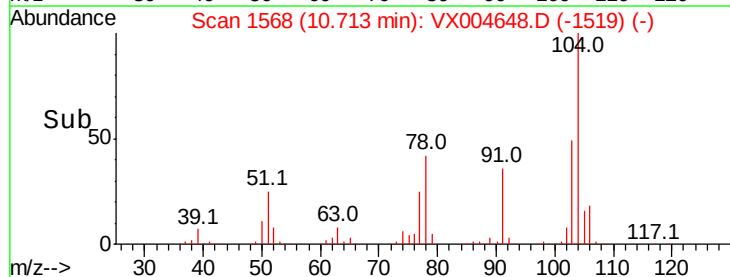
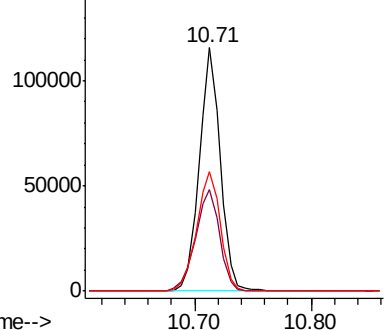


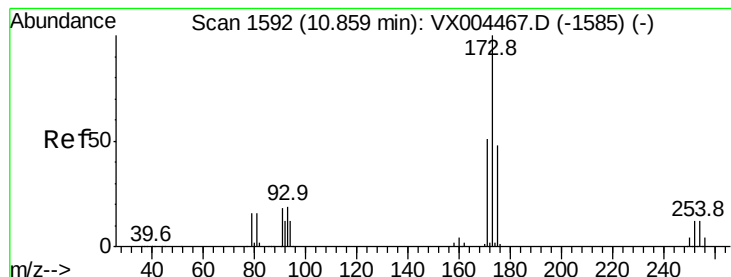
#70
Styrene
Concen: 20.547 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Tgt Ion:104 Resp: 145095
Ion Ratio Lower Upper
104 100
78 47.7 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: 19.589 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampled :

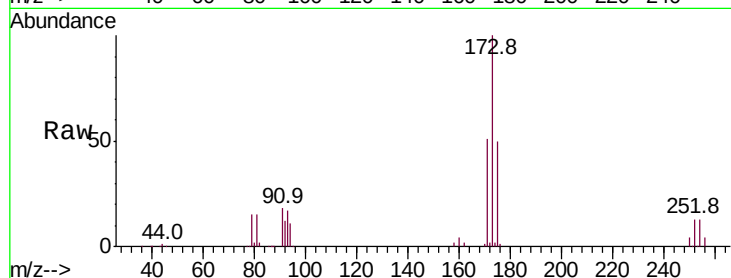
Tot Ion:173 Resp: 39263

Ion Ratio Lower Upper

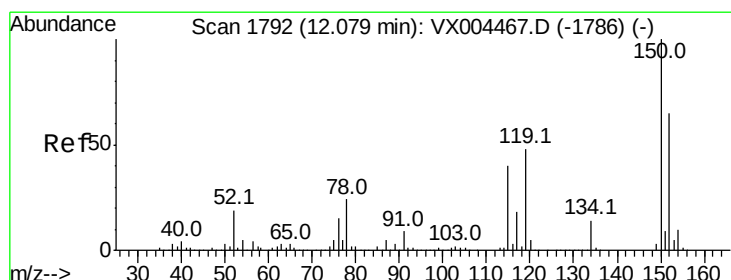
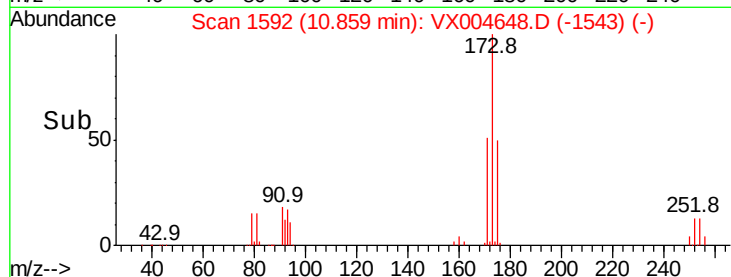
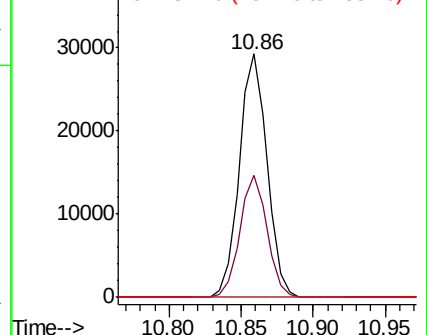
173 100

175 49.2 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: VX004648.D

Acq: 18 Sep 2018 10:56

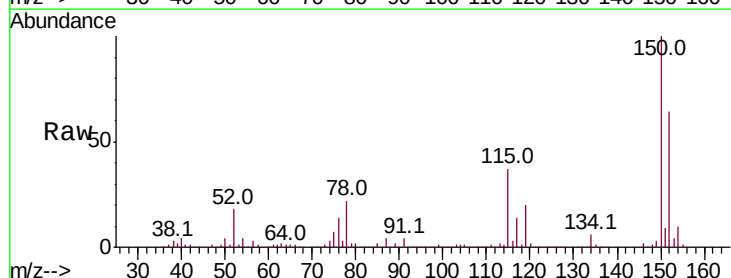
Tgt Ion:152 Resp: 177191

Ion Ratio Lower Upper

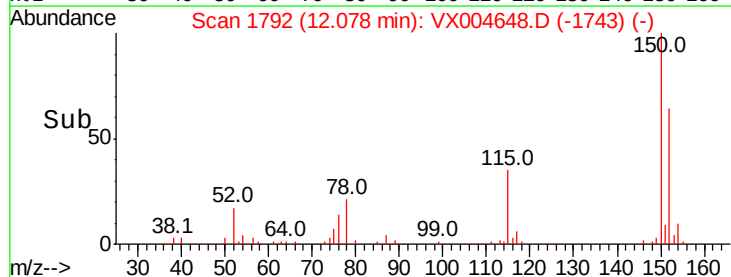
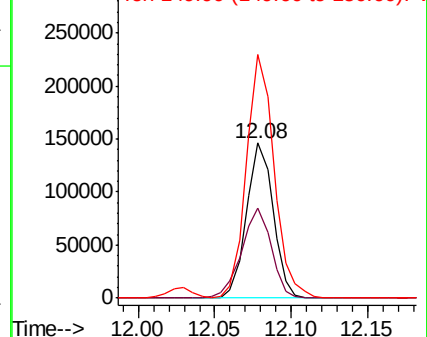
152 100

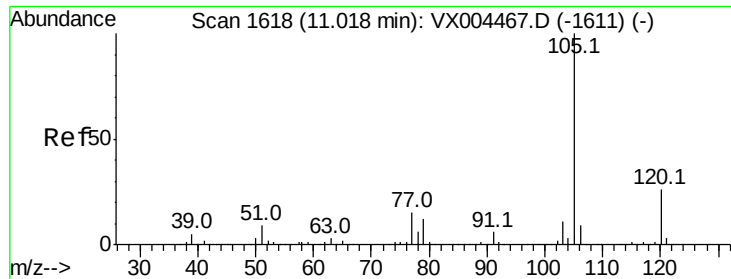
115 64.2 39.0 117.0

150 163.2 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

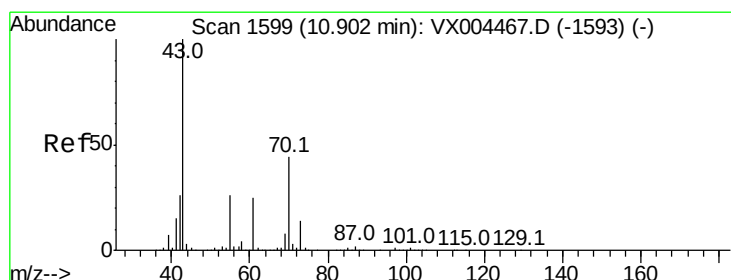
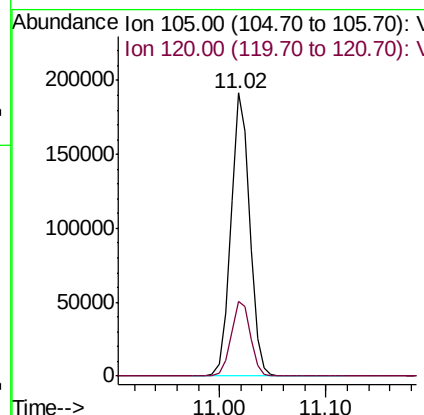
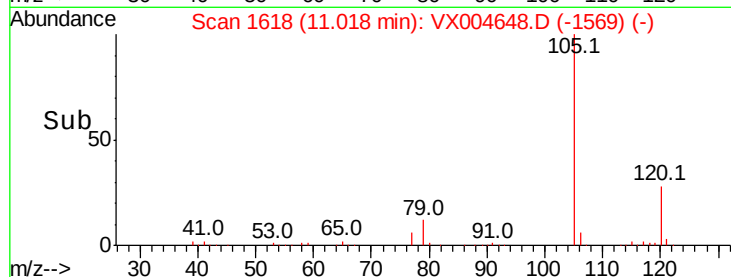
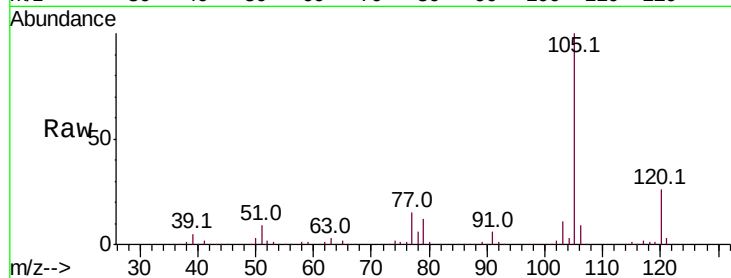




#73
Isopropylbenzene
Concen: 20.299 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

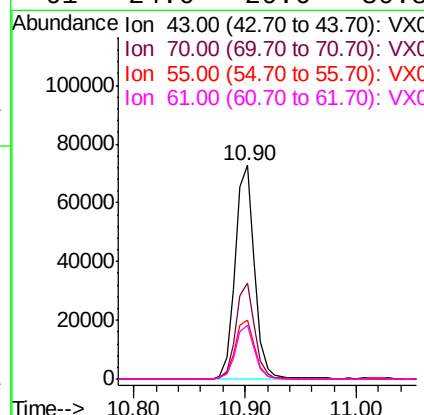
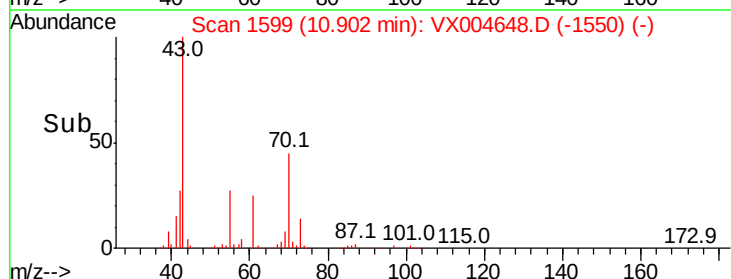
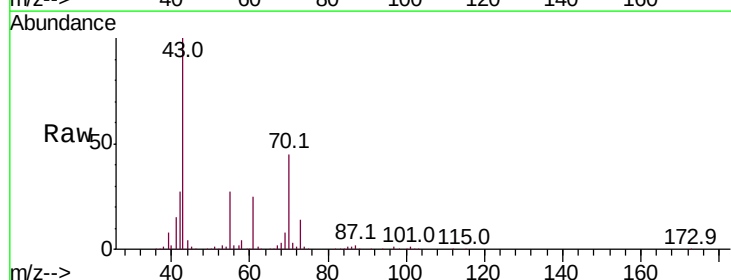
Instrument :
MSVOA_X
ClientSampleId :

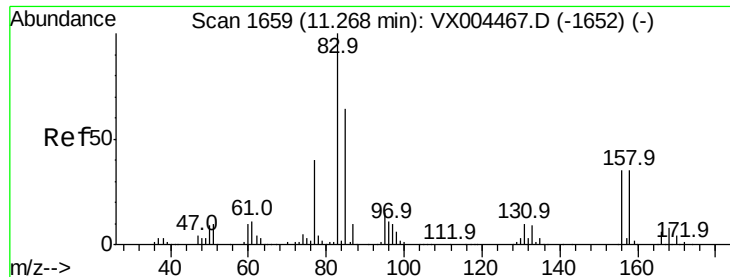
Tot Ion:105 Resp: 236880
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 17.778 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX004648.D
Acq: 18 Sep 2018 10:56

Tgt Ion: 43 Resp: 87321
Ion Ratio Lower Upper
43 100
70 44.0 37.4 56.0
55 27.9 21.8 32.8
61 24.6 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.275 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

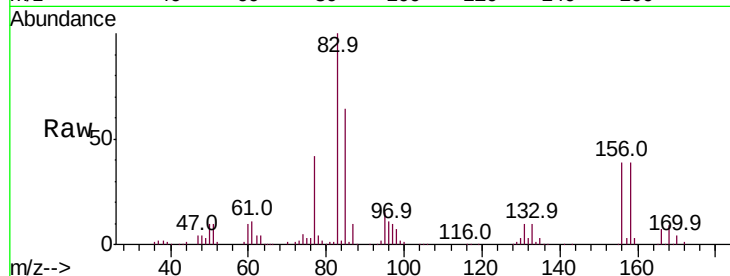
Tot Ion: 83 Resp: 68791

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	64.9	32.3	96.8

83 100

131 10.4 5.2 15.6

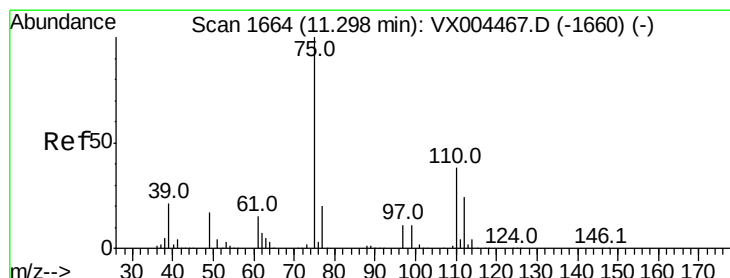
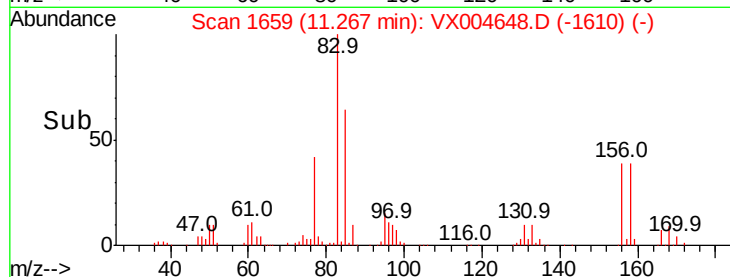
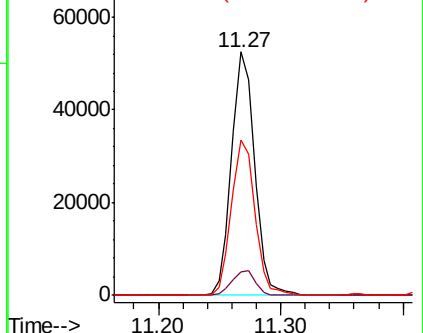
85 64.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.516 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004648.D

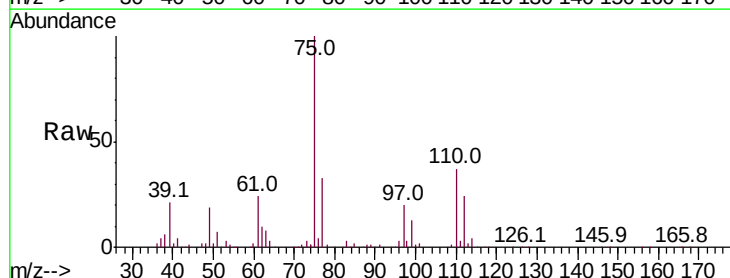
Acq: 18 Sep 2018 10:56

Tgt Ion: 75 Resp: 83831

Ion	Ratio	Lower	Upper
75	100		
77	33.2	20.2	60.6

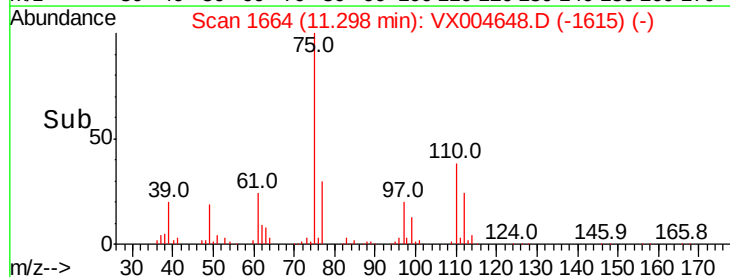
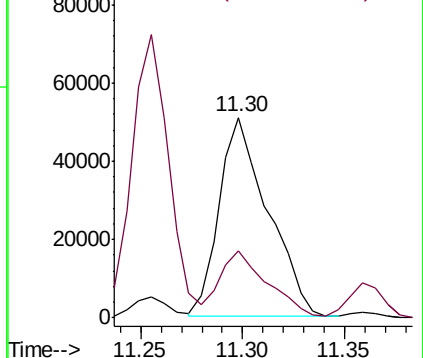
75 100

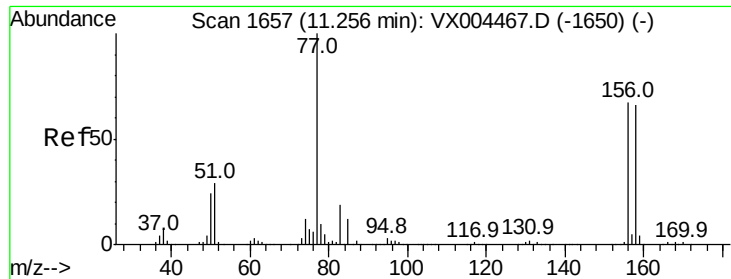
77 33.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.247 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

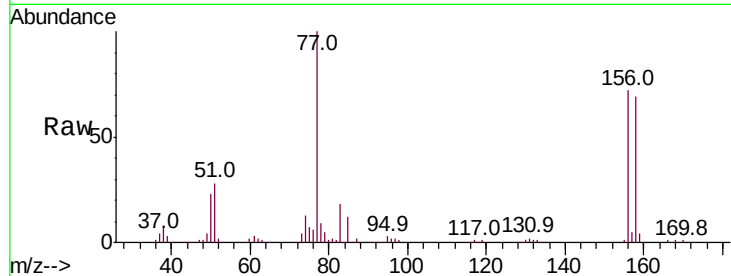
Tot Ion:156 Resp: 65306

Ion Ratio Lower Upper

156 100

77 140.2 71.5 214.3

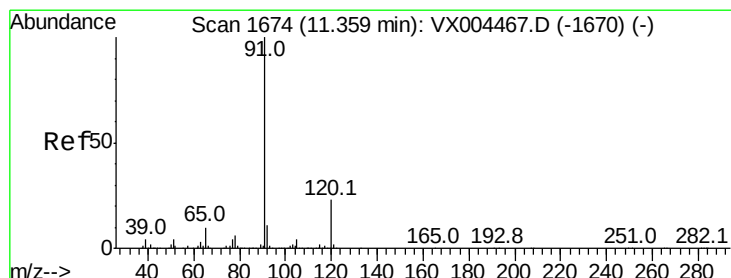
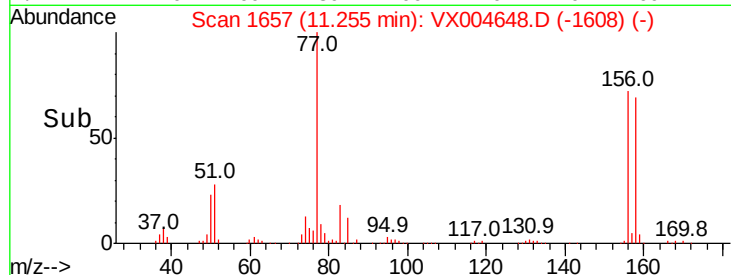
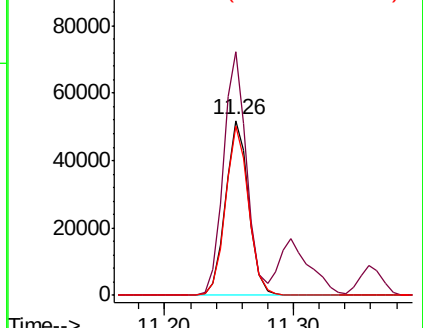
158 96.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.392 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004648.D

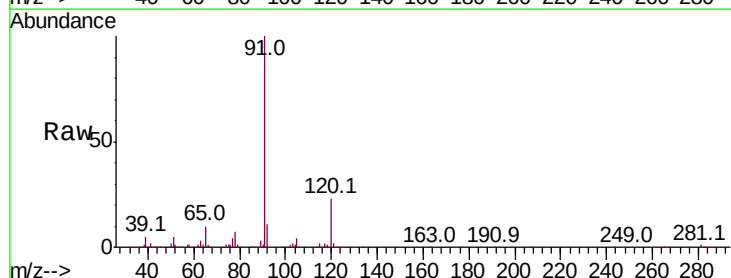
Acq: 18 Sep 2018 10:56

Tgt Ion: 91 Resp: 273615

Ion Ratio Lower Upper

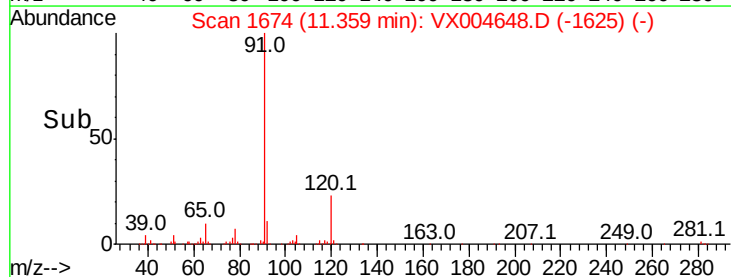
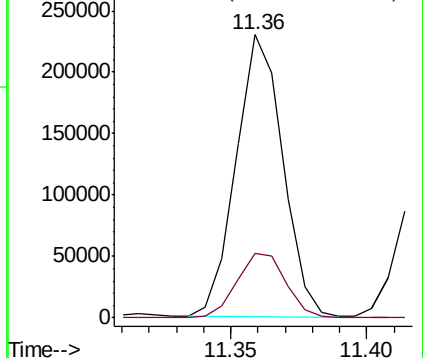
91 100

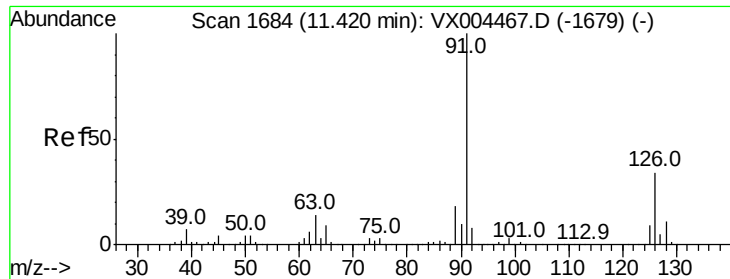
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

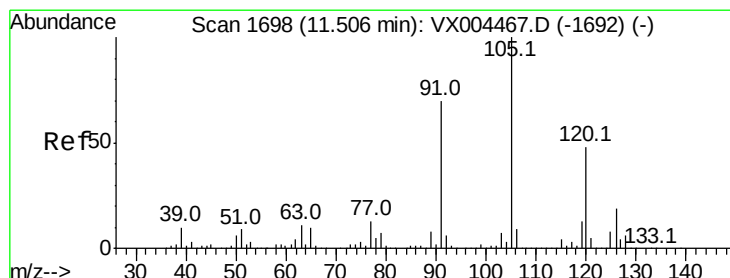
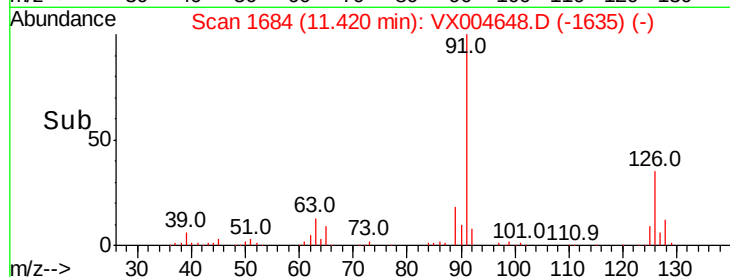
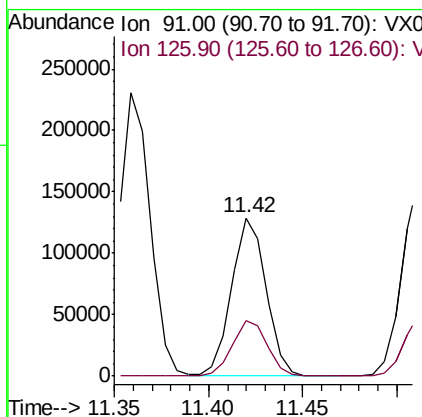
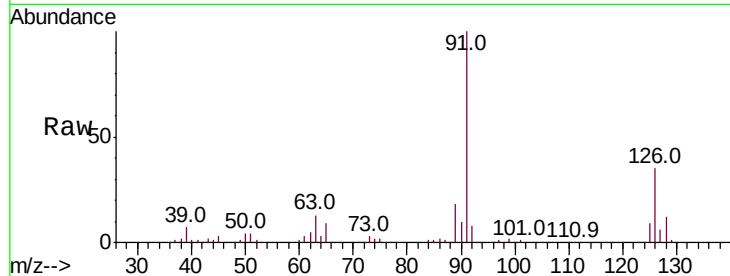




#79
 2-Chlorotoluene
 Concen: 19.944 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

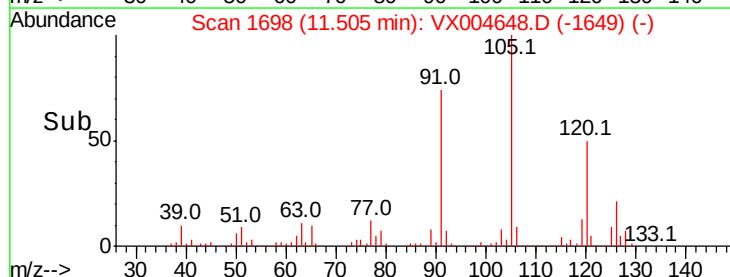
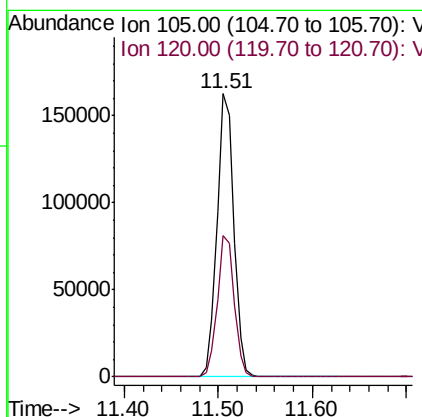
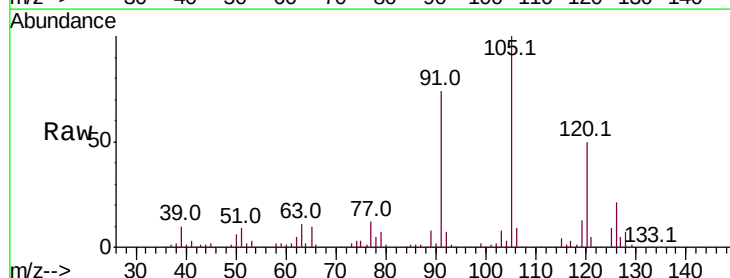
Instrument :
 MSVOA_X
 ClientSampleId :

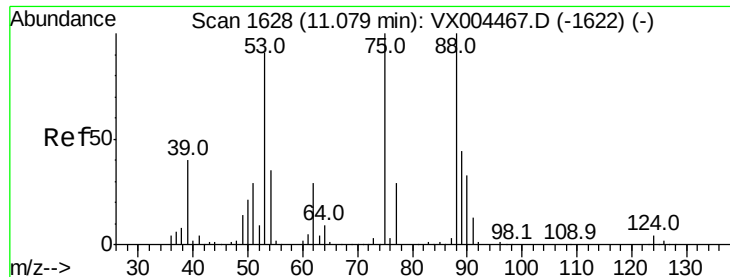
Tot Ion: 91 Resp: 162297
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.642 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion: 105 Resp: 202504
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.706 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

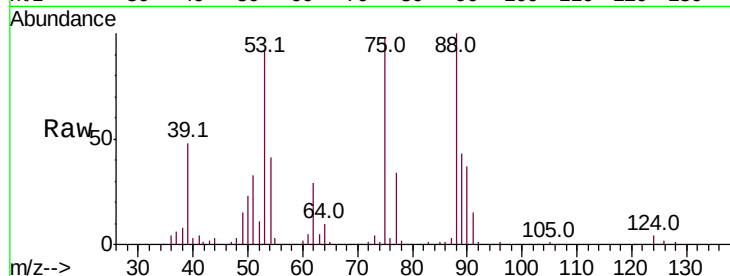
Tot Ion: 75 Resp: 20921

Ion Ratio Lower Upper

75 100

53 97.4 80.1 120.1

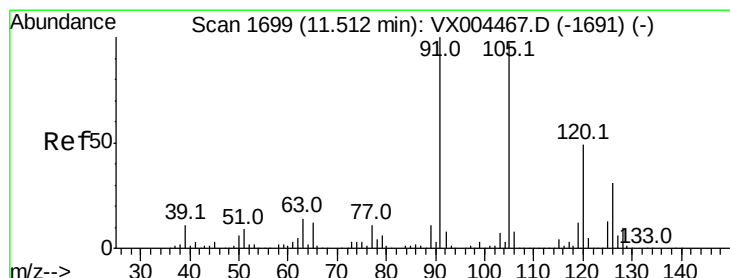
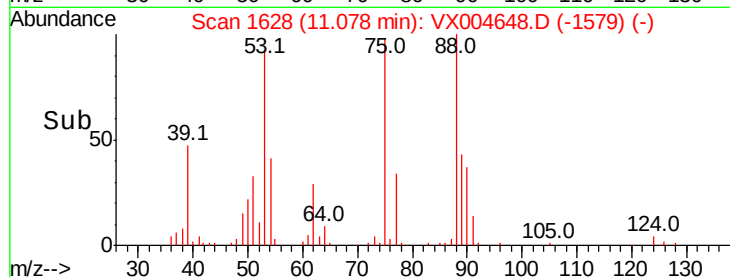
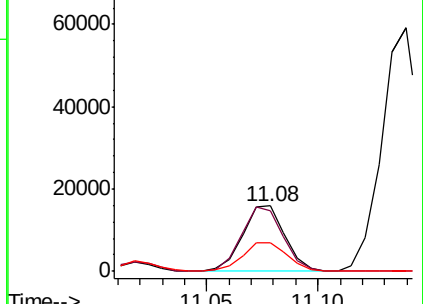
89 46.8 37.2 55.8



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: 20.297 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004648.D

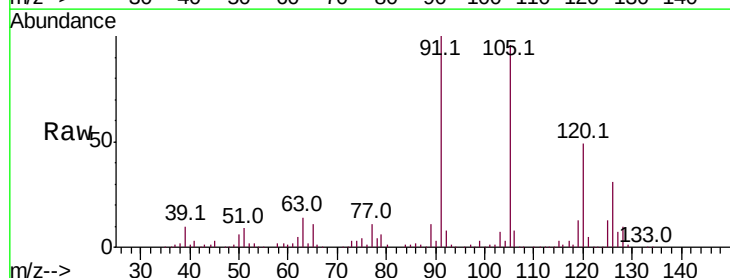
Acq: 18 Sep 2018 10:56

Tgt Ion: 91 Resp: 192780

Ion Ratio Lower Upper

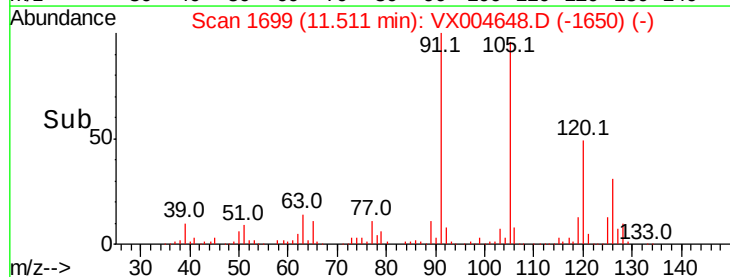
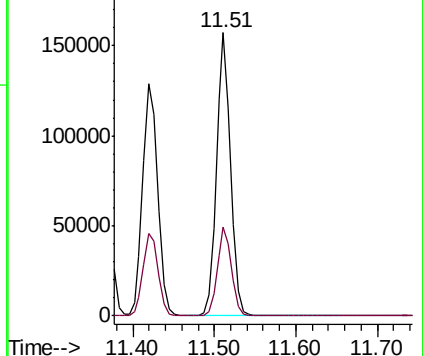
91 100

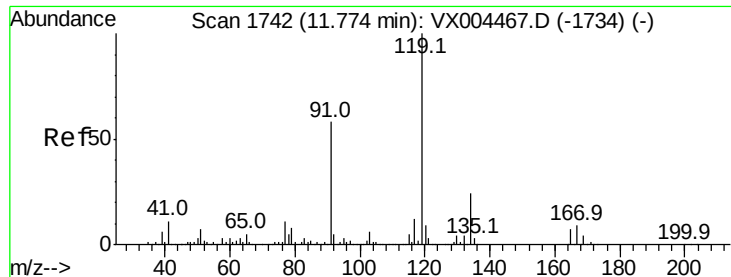
126 31.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

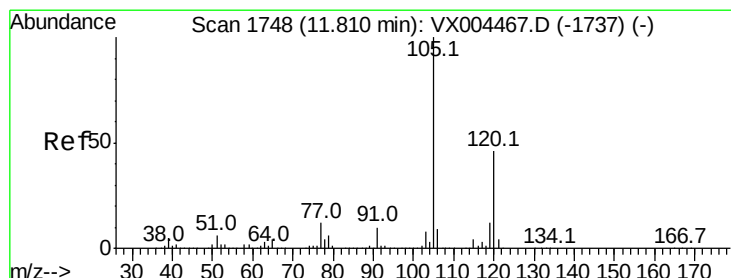
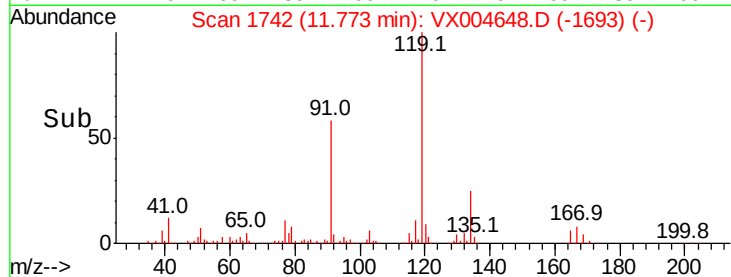
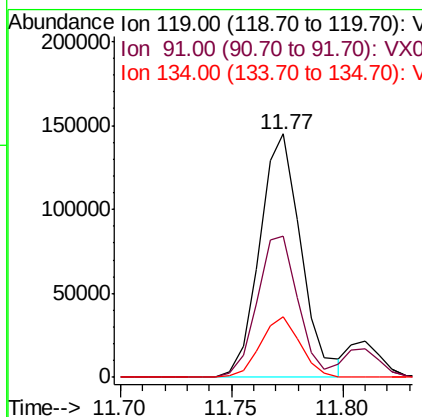
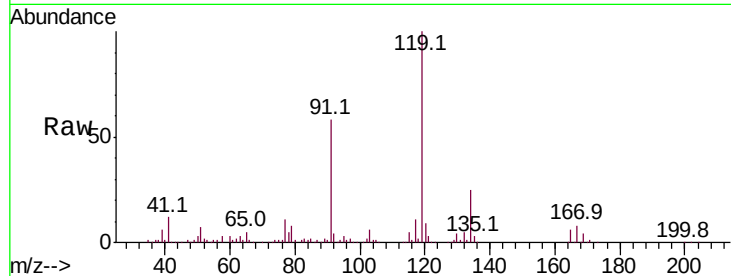




#83
 tert-Butylbenzene
 Concen: 20.029 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

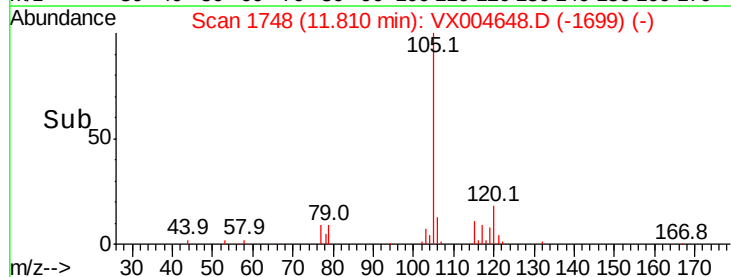
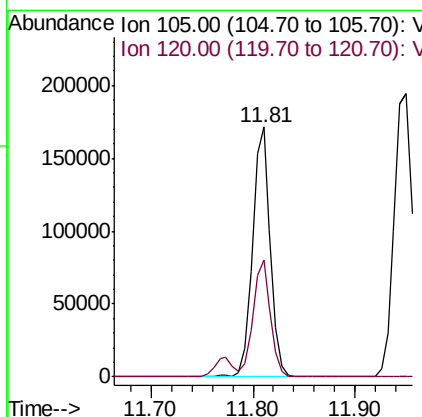
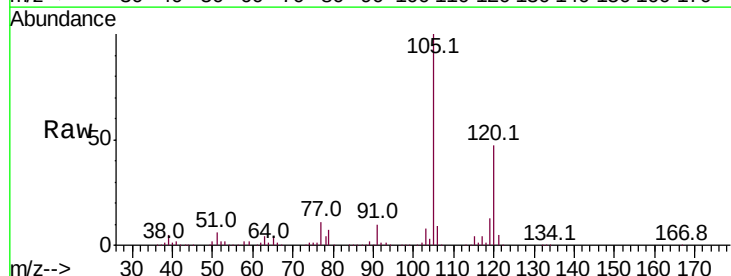
Instrument :
 MSVOA_X
 ClientSampleId :

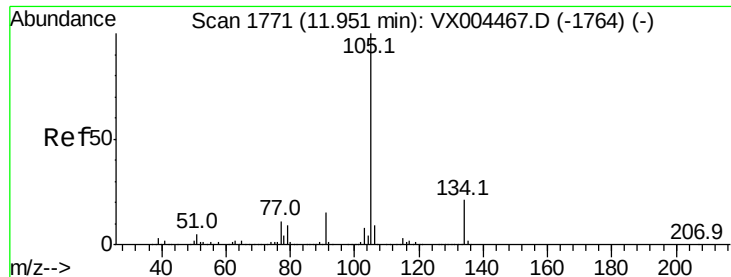
Tot Ion:119 Resp: 187063
 Ion Ratio Lower Upper
 119 100
 91 57.3 27.0 81.0
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.794 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion:105 Resp: 208277
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.628 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

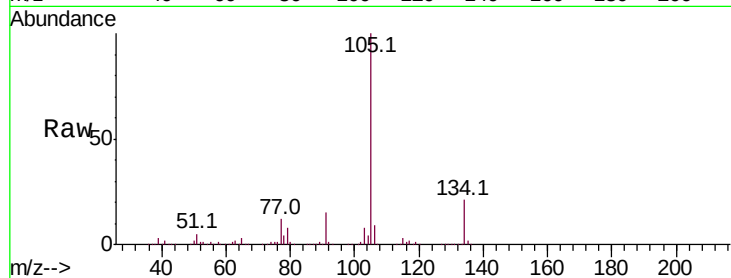
ClientSampleId :

Tot Ion:105 Resp: 245513

Ion Ratio Lower Upper

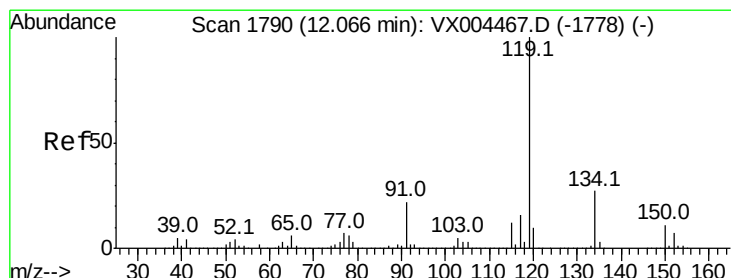
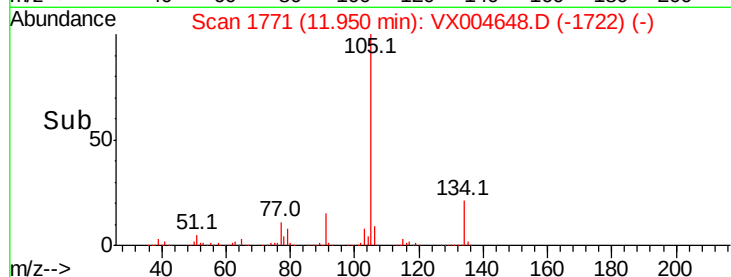
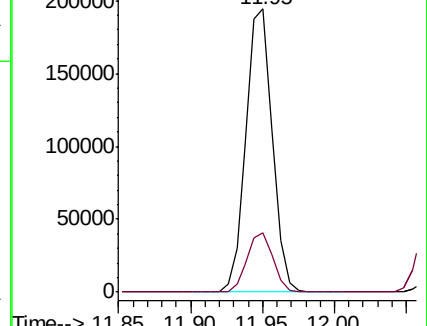
105 100

134 20.7 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.997 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

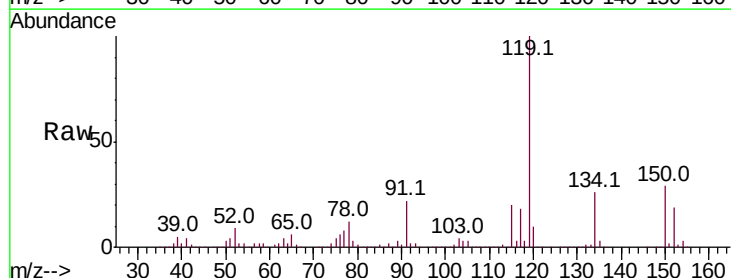
Tgt Ion:119 Resp: 220679

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

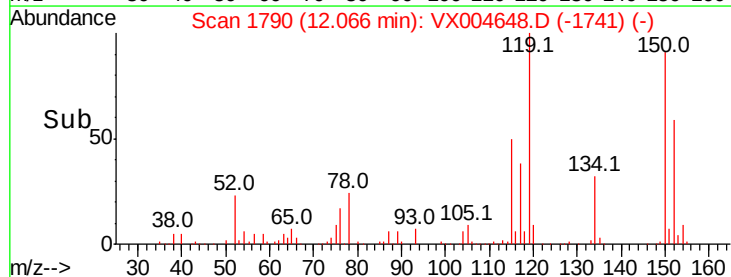
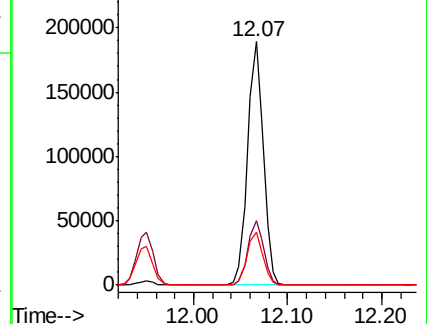
91 22.0 10.9 32.7

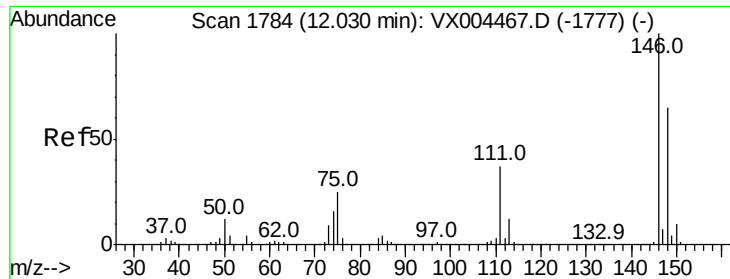


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



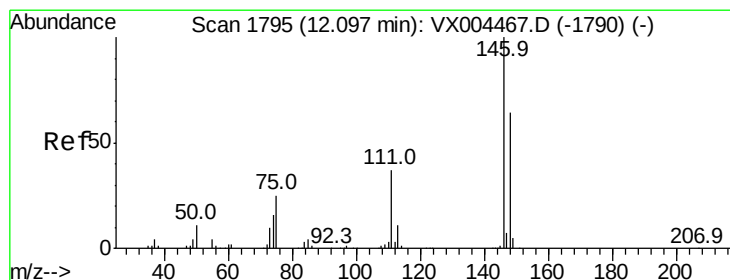
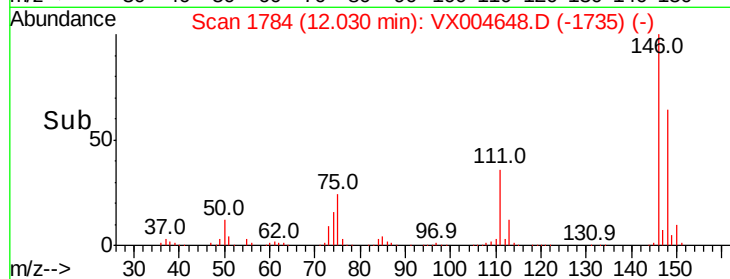
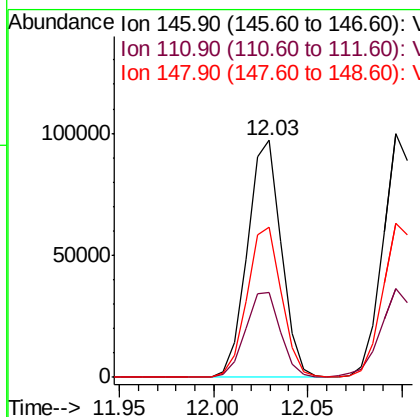
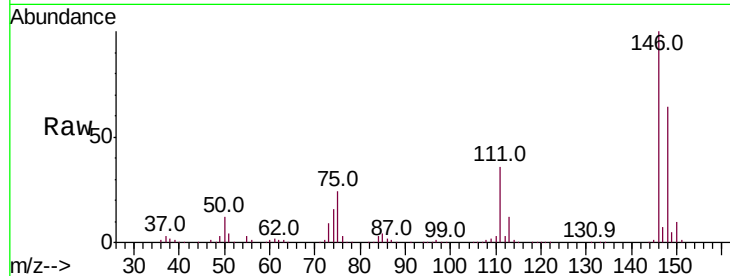


#87
 1,3-Dichlorobenzene
 Concen: 20.124 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 121109

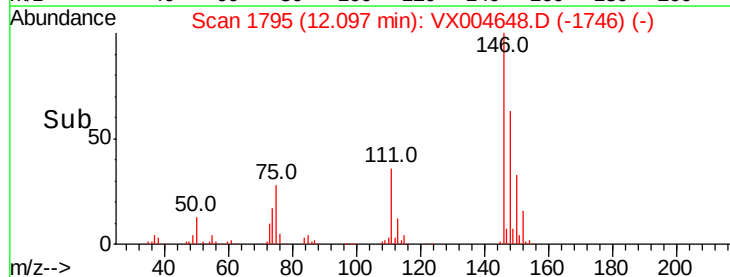
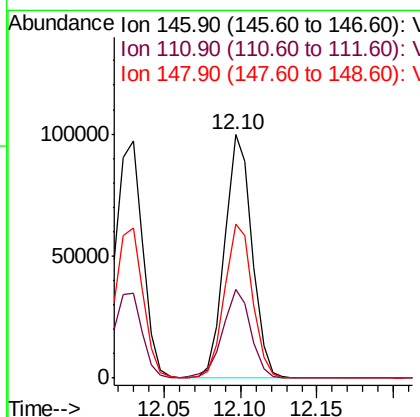
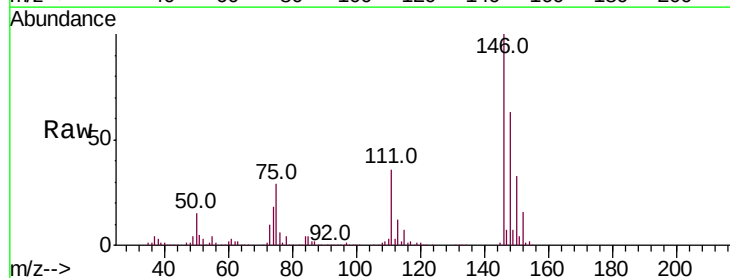
Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.3	32.1	96.5

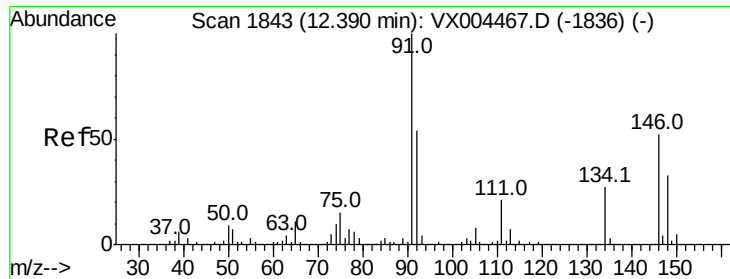


#88
 1,4-Dichlorobenzene
 Concen: 19.774 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion:146 Resp: 122963

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	65.1	32.0	96.0





#89

n-Butylbenzene

Concen: 19.794 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Instrument :

MSVOA_X

ClientSampleId :

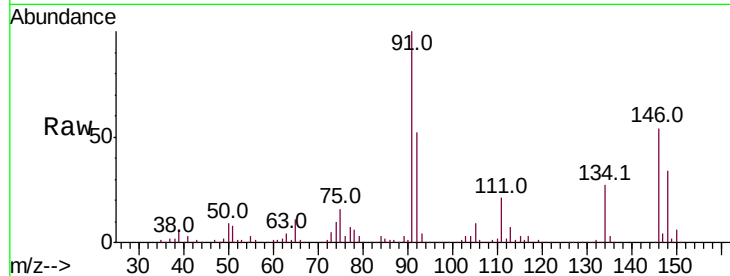
Tot Ion: 91 Resp: 189578

Ion Ratio Lower Upper

91 100

92 51.9 27.3 81.9

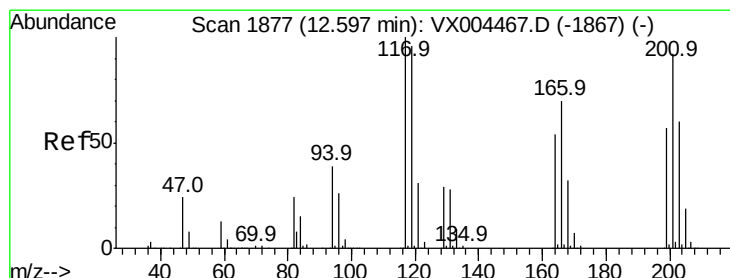
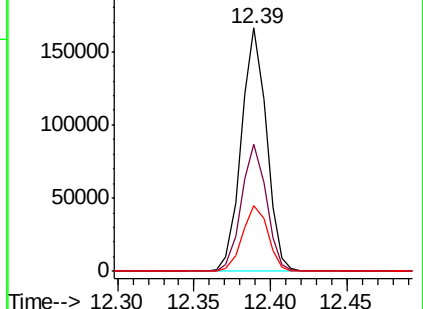
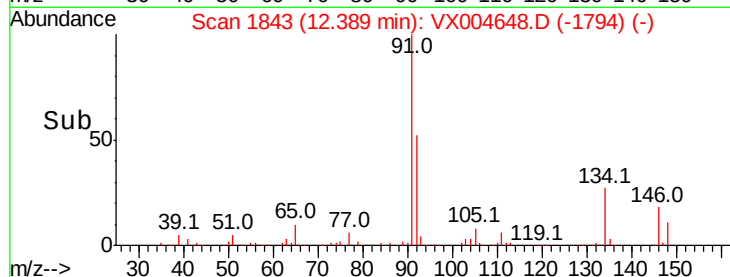
134 27.3 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004467.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004467.D (-1836) (-)



#90

Hexachloroethane

Concen: 19.288 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004648.D

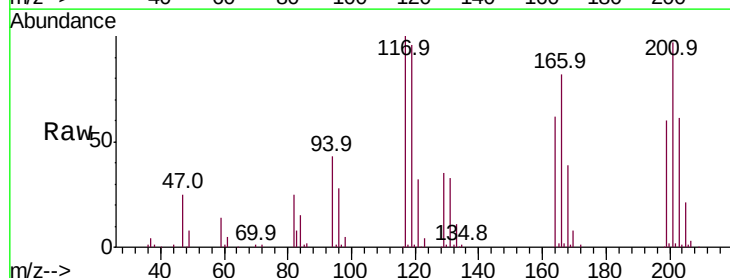
Acq: 18 Sep 2018 10:56

Tgt Ion: 117 Resp: 32453

Ion Ratio Lower Upper

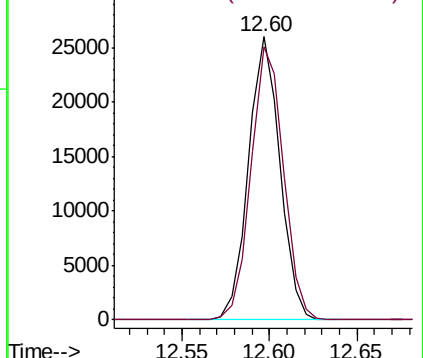
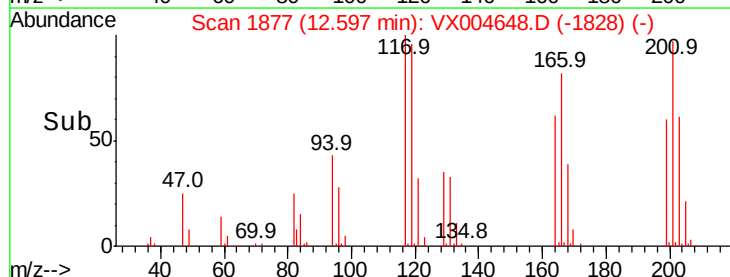
117 100

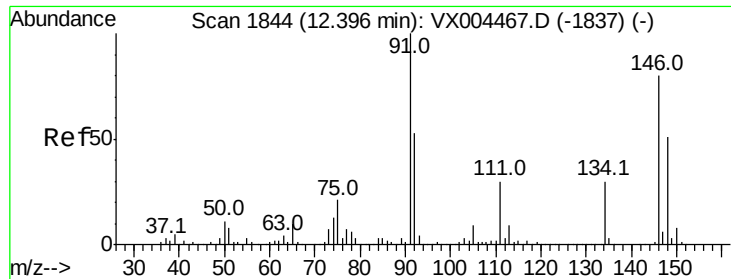
201 99.5 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): VX004467.D (-1867) (-)

Ion 200.70 (200.40 to 201.40): VX004467.D (-1867) (-)

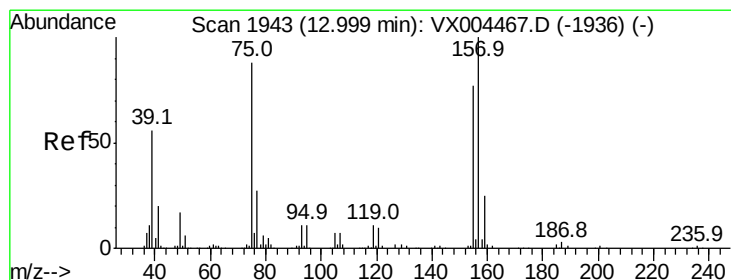
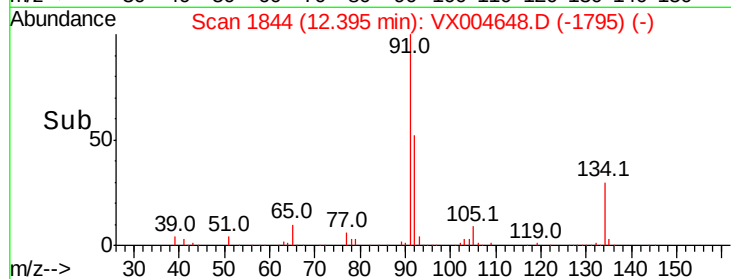
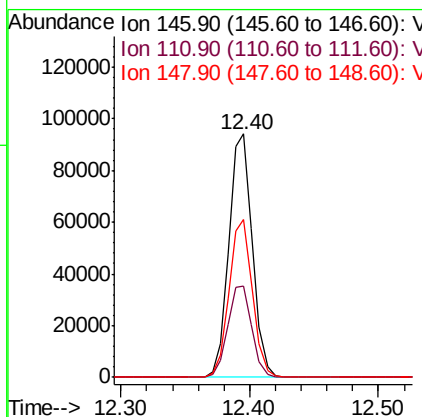
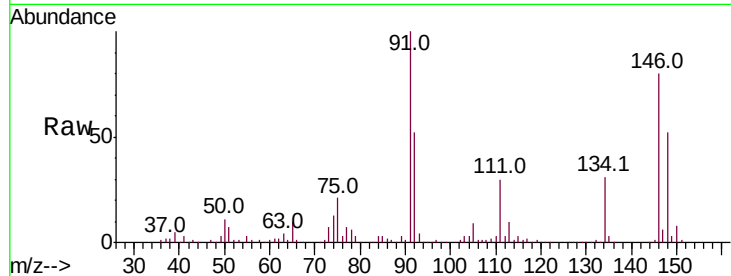




#91
 1,2-Dichlorobenzene
 Concen: 19.788 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

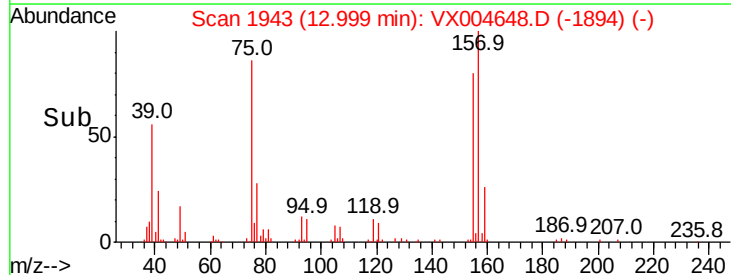
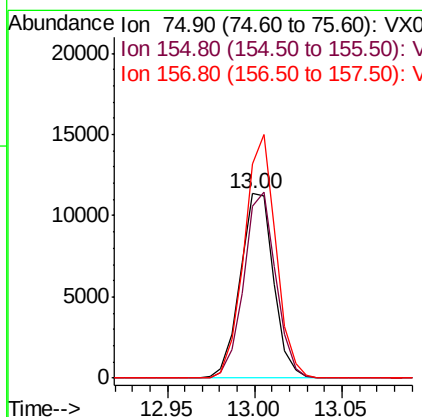
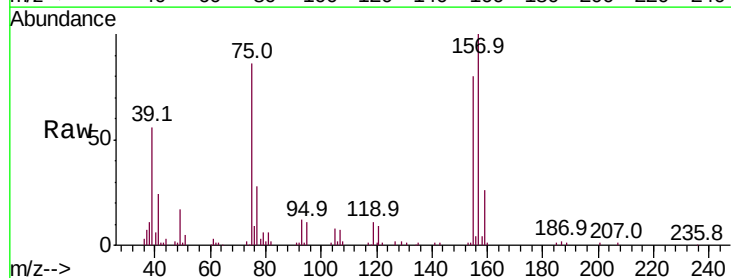
Instrument :
 MSVOA_X
 ClientSampleId :

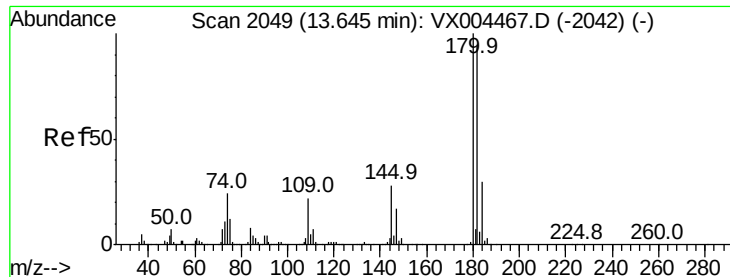
Tot Ion:	146	Resp:	120532
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.1
148	64.5	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.755 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion:	75	Resp:	15074
Ion	Ratio	Lower	Upper
75	100		
155	96.6	48.0	144.2
157	124.1	61.4	184.1

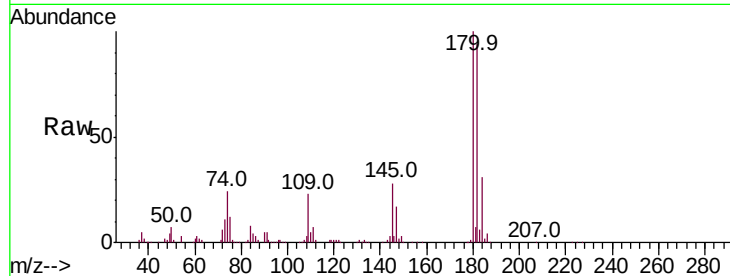




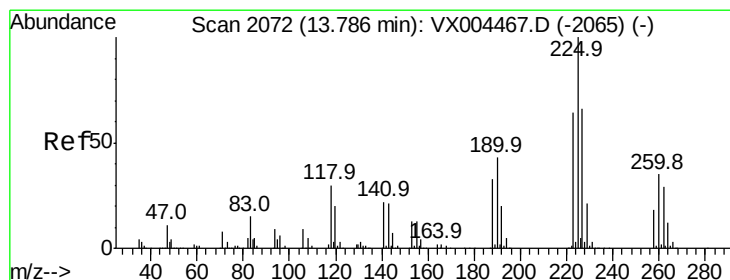
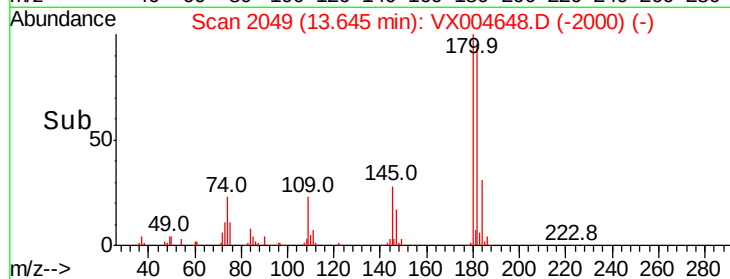
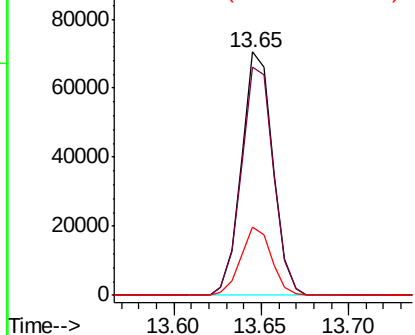
#93
 1,2,4-Trichlorobenzene
 Concen: 20.409 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.0
145	27.6	14.3	42.9

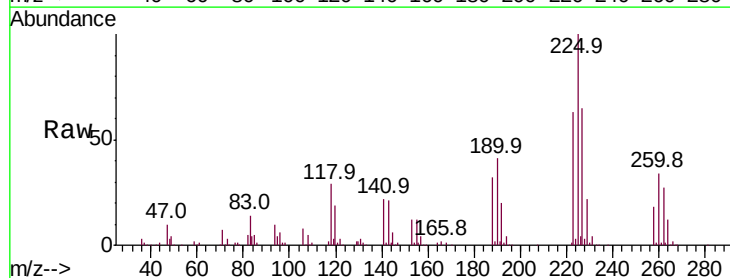


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

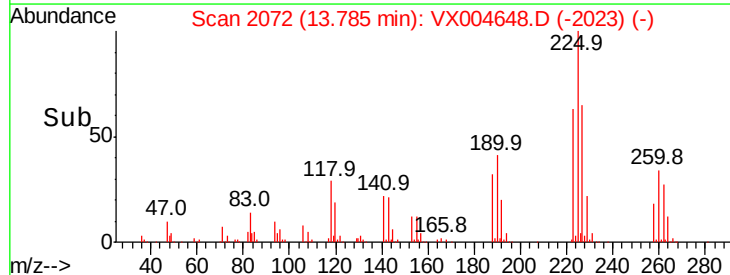
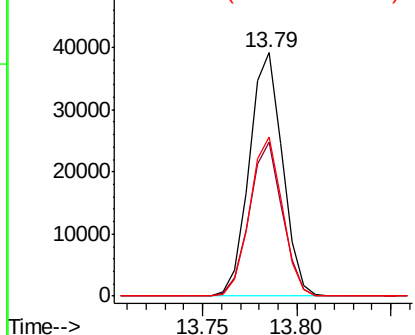


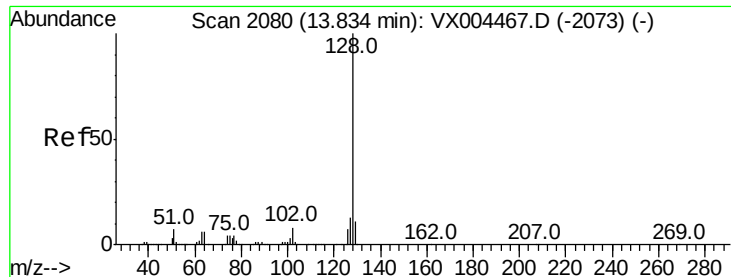
#94
 Hexachlorobutadiene
 Concen: 21.190 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004648.D
 Acq: 18 Sep 2018 10:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.1	90.5
227	64.4	30.8	92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.610 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

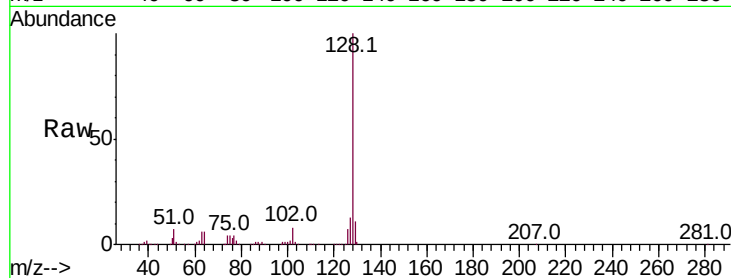
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 237224

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.6	12.8

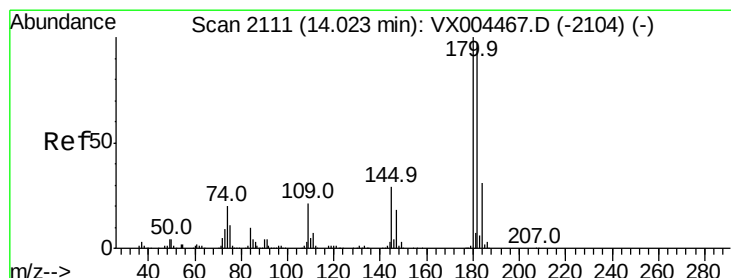
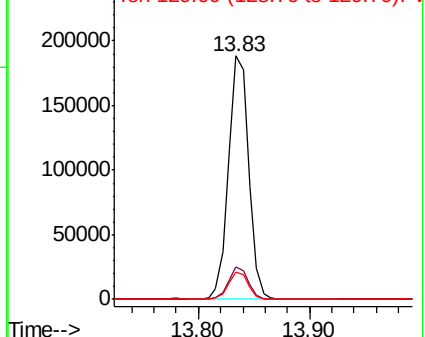
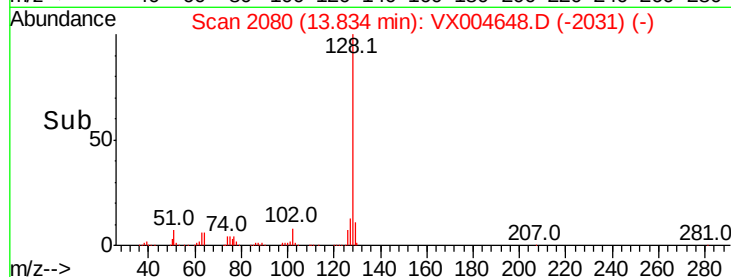


Abundance

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: 20.508 ug/l

RT: 14.02 min Scan# 2111

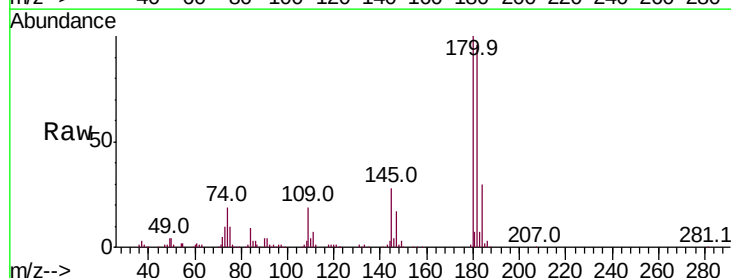
Delta R.T. -0.00 min

Lab File: VX004648.D

Acq: 18 Sep 2018 10:56

Tgt Ion:180 Resp: 90871

Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.5	145.6
145	29.1	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

