

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004467.D
 Acq On : 11 Sep 2018 13:54
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 12 01:44:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 01:43:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205845	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	177900	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
35) Dibromofluoromethane	5.50	113	166245	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
50) Toluene-d8	8.72	98	547972	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.14	95	191961	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	141255	51.937	ug/l	96
3) Chloromethane	1.32	50	176773	47.228	ug/l	99
4) Vinyl Chloride	1.40	62	192829	50.195	ug/l	97
5) Bromomethane	1.64	94	80001	43.639	ug/l	100
6) Chloroethane	1.71	64	120189	48.380	ug/l	99
7) Trichlorofluoromethane	1.92	101	242937	47.702	ug/l	94
8) Diethyl Ether	2.18	74	113029	49.506	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153521	47.519	ug/l	100
10) Methyl Iodide	2.51	142	192766	54.252	ug/l	97
11) Tert butyl alcohol	3.08	59	213635	239.273	ug/l	100
12) 1,1-Dichloroethene	2.37	96	146654	48.366	ug/l	94
13) Acrolein	2.29	56	77422	219.670	ug/l	96
14) Allyl chloride	2.73	41	305726	49.043	ug/l	95
15) Acrylonitrile	3.15	53	504674	234.722	ug/l	93
16) Acetone	2.45	43	405648	222.116	ug/l	94
17) Carbon Disulfide	2.57	76	442082	50.440	ug/l	99
18) Methyl Acetate	2.78	43	238089	46.467	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	506590	47.615	ug/l	92
20) Methylene Chloride	2.85	84	171141	45.681	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	159426	47.581	ug/l	96
22) Diisopropyl ether	3.87	45	543611	48.418	ug/l	96
23) Vinyl Acetate	3.82	43	2349037	258.539	ug/l	95
24) 1,1-Dichloroethane	3.69	63	309090	48.761	ug/l	98
25) 2-Butanone	4.70	43	670775	230.779	ug/l	96
26) 2,2-Dichloropropane	4.58	77	208158	47.811	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	181178	48.439	ug/l	98
28) Bromochloromethane	5.02	49	138781	47.864	ug/l	97
29) Tetrahydrofuran	5.17	42	440808	251.483	ug/l	97
30) Chloroform	5.21	83	304223	49.159	ug/l	93
31) Cyclohexane	5.57	56	287117	53.046	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	241377	48.427	ug/l	98
36) 1,1-Dichloropropene	5.80	75	222929	52.508	ug/l	98
37) Ethyl Acetate	4.86	43	253403	52.478	ug/l	99
38) Carbon Tetrachloride	5.78	117	218935	52.796	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	242232	54.674	ug/l	97
40) Benzene	6.14	78	671981	53.345	ug/l	95
41) Methacrylonitrile	5.06	41	137639	51.734	ug/l	100
42) 1,2-Dichloroethane	6.20	62	204729	49.002	ug/l	99
43) Isopropyl Acetate	6.46	43	331082	51.623	ug/l	98
44) Trichloroethene	7.21	130	168528	51.495	ug/l	98
45) 1,2-Dichloropropane	7.52	63	156660	51.683	ug/l	100
46) Dibromomethane	7.66	93	98873	51.633	ug/l	98
47) Bromodichloromethane	7.90	83	189942	52.451	ug/l	99
48) Methyl methacrylate	7.78	41	173512	54.666	ug/l	97
49) 1,4-Dioxane	7.76	88	82308	1095.640	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1116957	246.785	ug/l	98
52) Toluene	8.79	92	395940	53.348	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	240571	56.869	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	233523	54.153	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	168173	52.626	ug/l	93
56) Ethyl methacrylate	9.18	69	257218	56.896	ug/l	96
57) 1,3-Dichloropropane	9.37	76	261950	50.449	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	587997	283.509	ug/l	95
59) 2-Hexanone	9.50	43	871629	251.073	ug/l	97
60) Dibromochloromethane	9.59	129	154133	51.232	ug/l	99
61) 1,2-Dibromoethane	9.68	107	156450	51.249	ug/l	100
64) Tetrachloroethene	9.34	164	221400	52.916	ug/l	95
65) Chlorobenzene	10.14	112	416050	49.982	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	147098	51.244	ug/l	99
67) Ethyl Benzene	10.26	91	714270	52.771	ug/l	98
68) m/p-Xylenes	10.36	106	563005	107.984	ug/l	98
69) o-Xylene	10.70	106	266762	53.220	ug/l	98
70) Styrene	10.71	104	454274	54.704	ug/l	99
71) Bromoform	10.86	173	121841	51.694	ug/l	100
73) Isopropylbenzene	11.02	105	720782	53.168	ug/l	100
74) N-amyl acetate	10.90	43	297690	52.171	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	212488	48.593	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	268734	66.814	ug/l	86
77) Bromobenzene	11.26	156	188817	50.390	ug/l	97
78) n-propylbenzene	11.36	91	833719	53.486	ug/l	100
79) 2-Chlorotoluene	11.42	91	489875	51.818	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	614959	53.960	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	68677	52.858	ug/l	97
82) 4-Chlorotoluene	11.51	91	580689	52.628	ug/l	100
83) tert-Butylbenzene	11.77	119	574743	52.972	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	632966	54.398	ug/l	98
85) sec-Butylbenzene	11.95	105	744480	53.845	ug/l	98
86) p-Isopropyltoluene	12.07	119	663251	54.322	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	353521	50.567	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	357383	49.474	ug/l	99
89) n-Butylbenzene	12.39	91	590484	53.072	ug/l	98
90) Hexachloroethane	12.60	117	99772	51.044	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	355458	50.233	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49896	53.439	ug/l	98

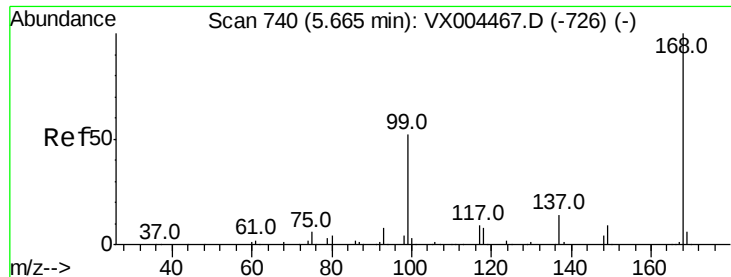
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263289	52.548	ug/l	99
94) Hexachlorobutadiene	13.79	225	129879	49.625	ug/l	97
95) Naphthalene	13.83	128	781779	55.631	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	266030	51.681	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

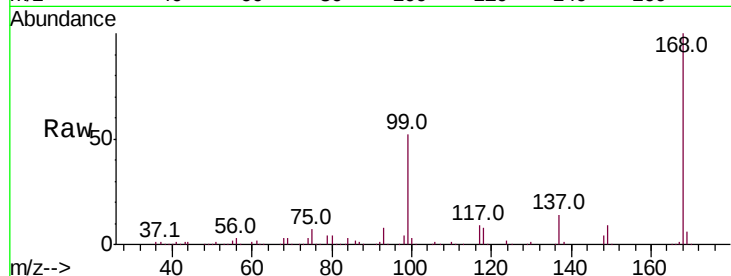
VSTDICCC050

Tot Ion:168 Resp: 290196

Ion Ratio Lower Upper

168 100

99 51.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

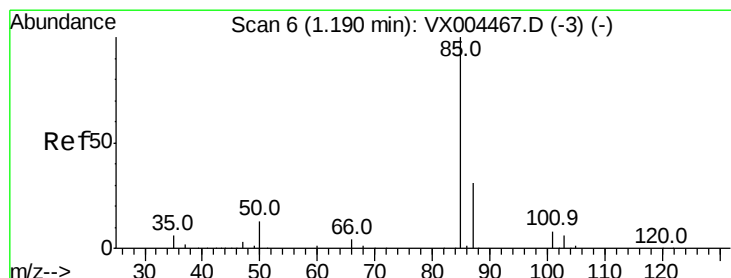
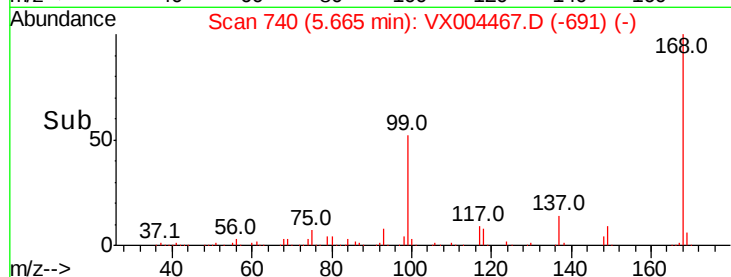
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.937 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX004467.D

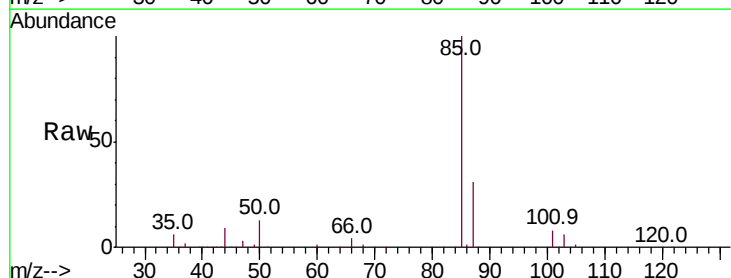
Acq: 11 Sep 2018 13:54

Tgt Ion: 85 Resp: 141255

Ion Ratio Lower Upper

85 100

87 31.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

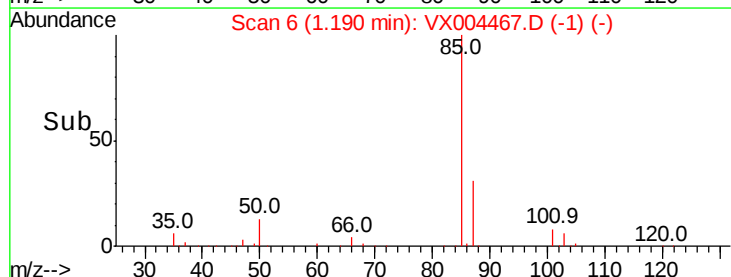
150000

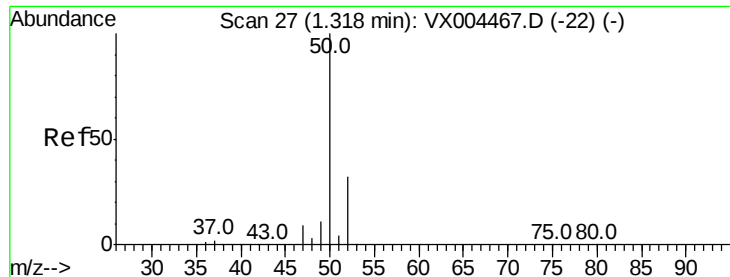
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 47.228 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

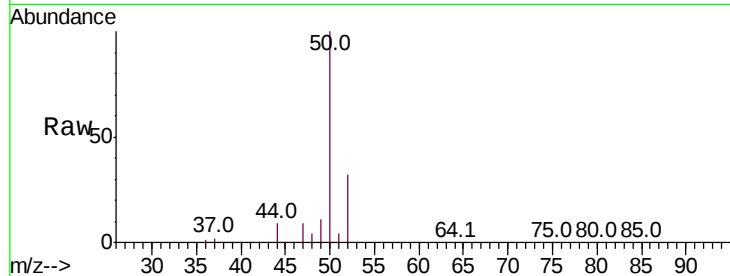
VSTDICCC050

Tot Ion: 50 Resp: 176773

Ion Ratio Lower Upper

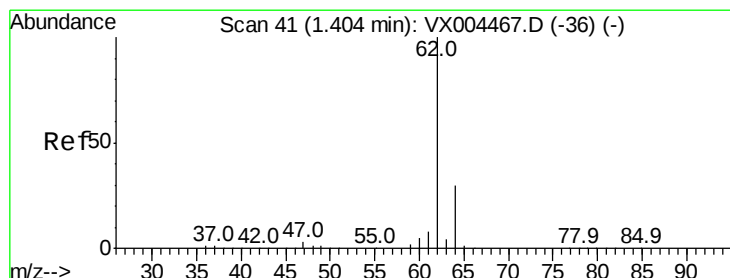
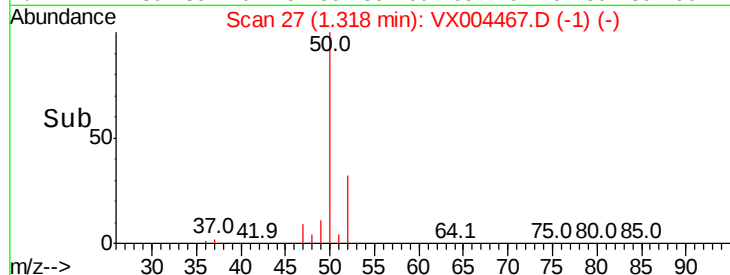
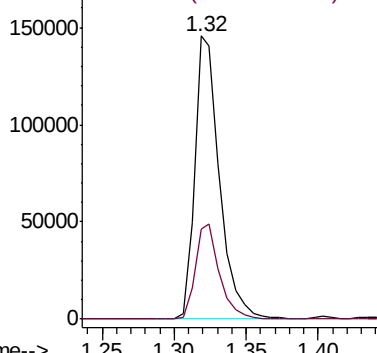
50 100

52 32.0 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: 50.195 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004467.D

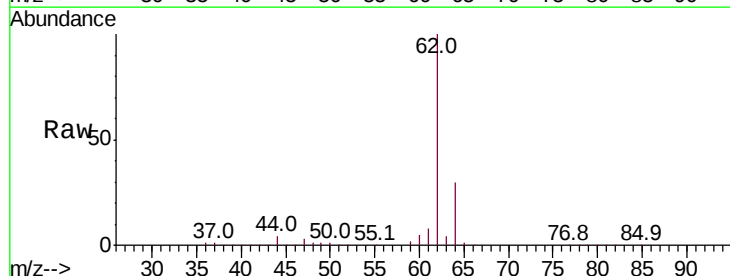
Acq: 11 Sep 2018 13:54

Tgt Ion: 62 Resp: 192829

Ion Ratio Lower Upper

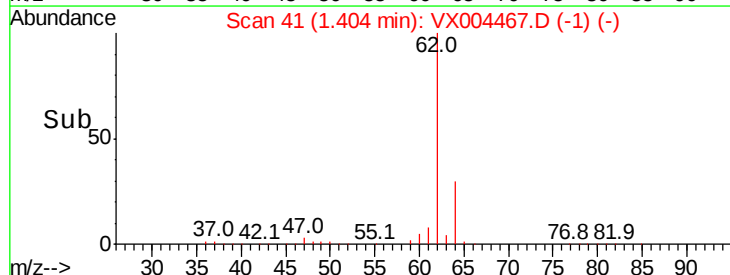
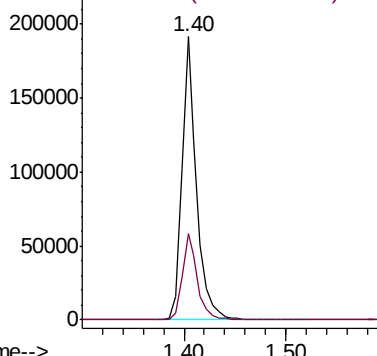
62 100

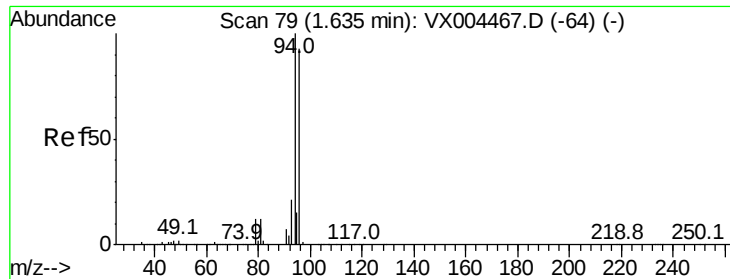
64 30.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.639 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

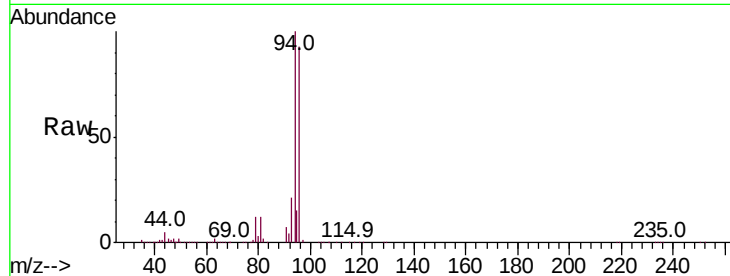
VSTDICCC050

Tot Ion: 94 Resp: 80001

Ion Ratio Lower Upper

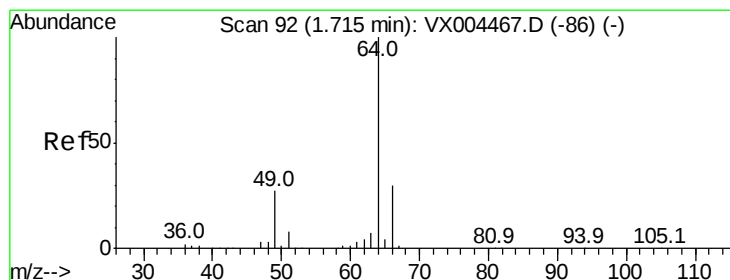
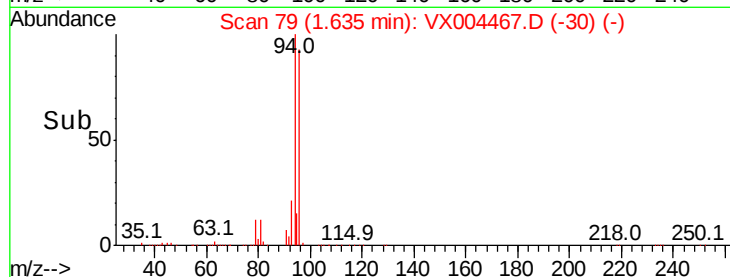
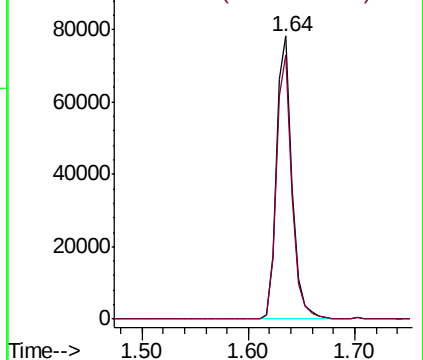
94 100

96 93.4 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: 48.380 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004467.D

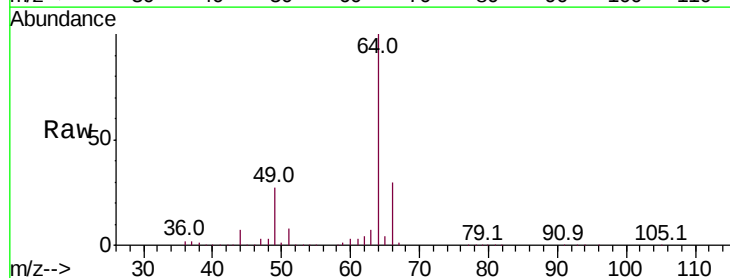
Acq: 11 Sep 2018 13:54

Tgt Ion: 64 Resp: 120189

Ion Ratio Lower Upper

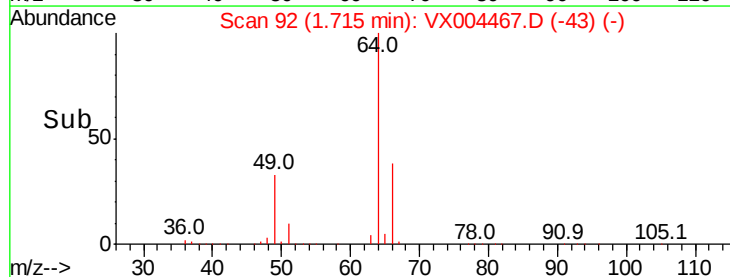
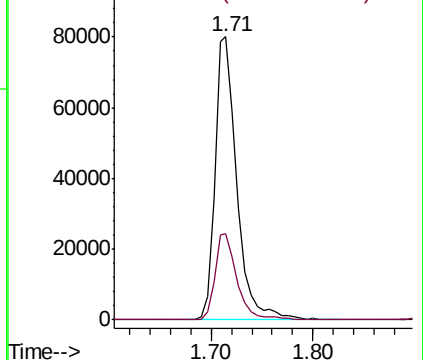
64 100

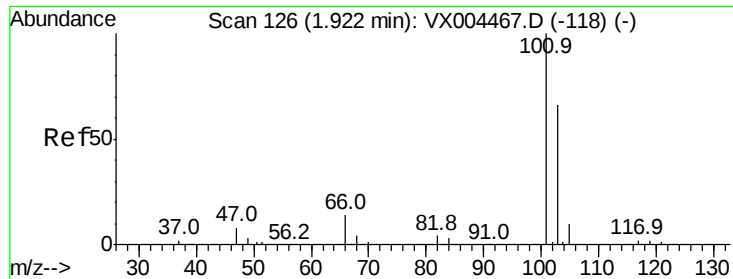
66 30.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



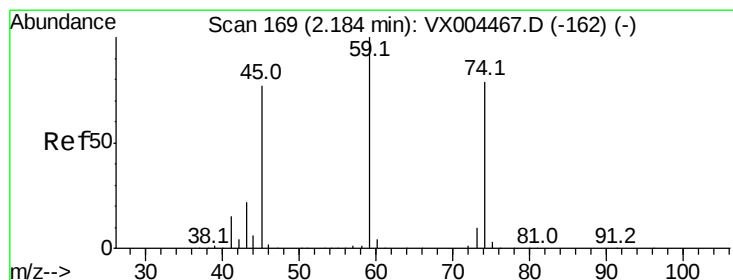
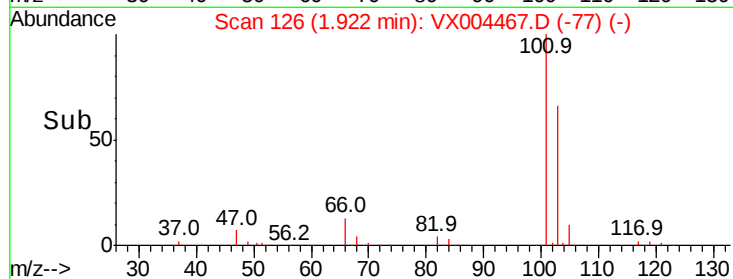
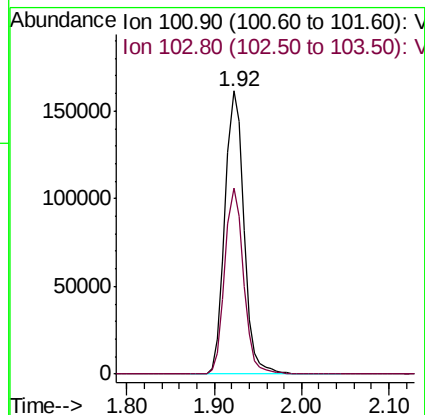
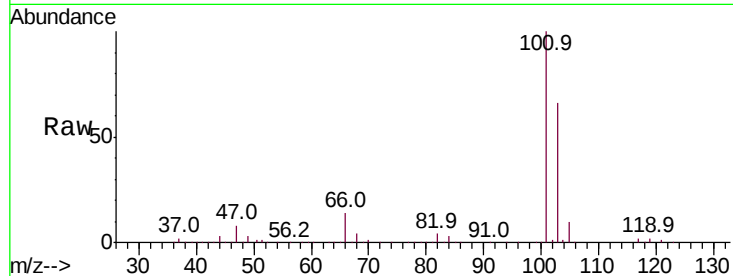


#7

Trichlorofluoromethane
 Concen: 47.702 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

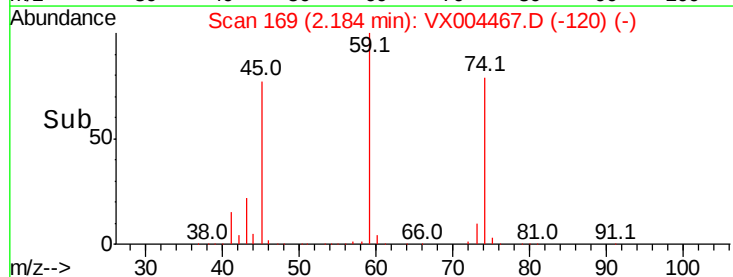
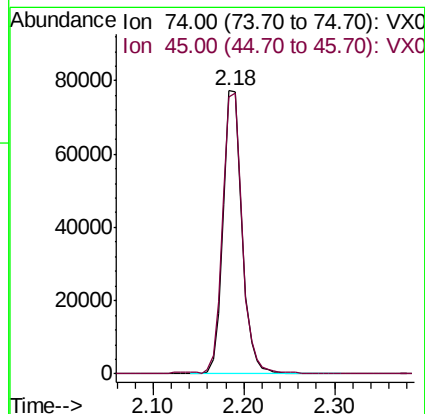
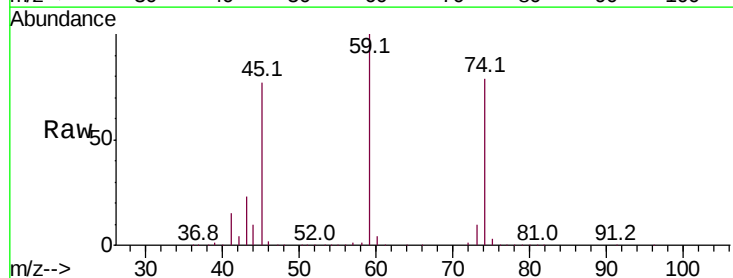
Tot Ion:101 Resp: 242937
 Ion Ratio Lower Upper
 101 100
 103 65.8 48.9 73.3

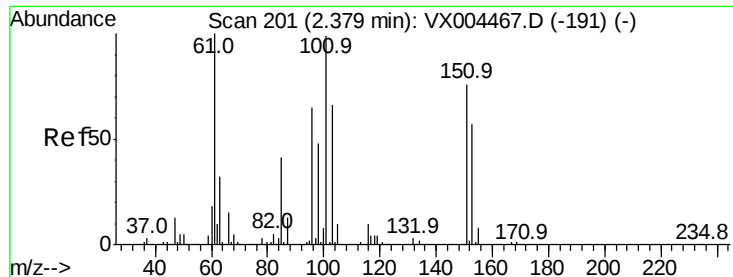


#8

Diethyl Ether
 Concen: 49.506 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion: 74 Resp: 113029
 Ion Ratio Lower Upper
 74 100
 45 101.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.519 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

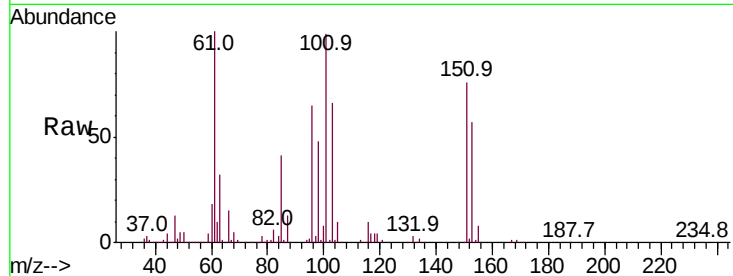
Tot Ion:101 Resp: 153521

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.4

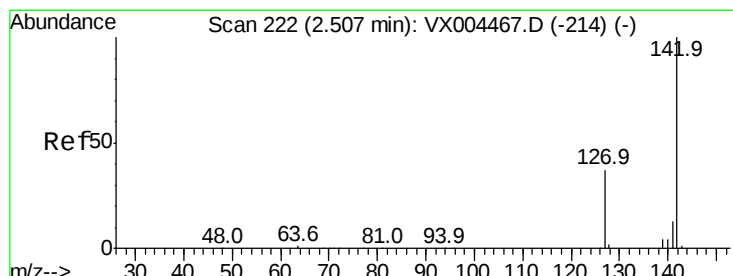
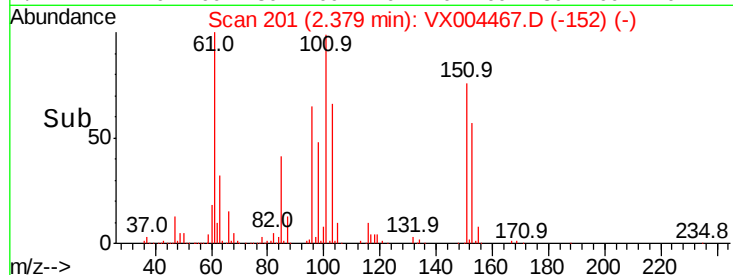
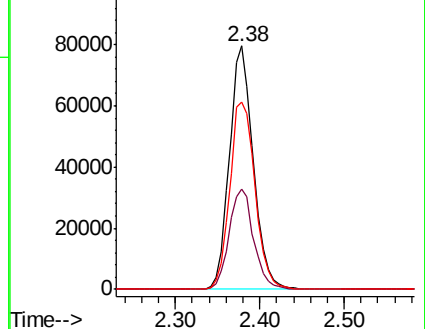
151 81.4 65.0 97.6



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: 54.252 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

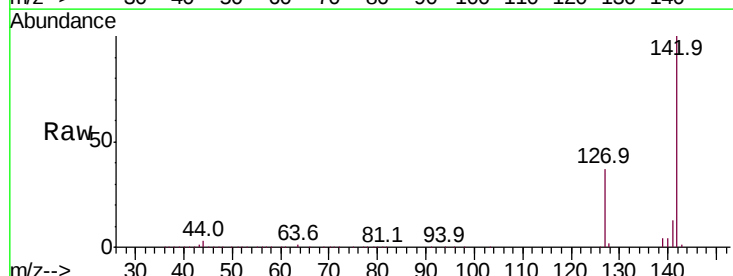
Tgt Ion:142 Resp: 192766

Ion Ratio Lower Upper

142 100

127 40.0 33.8 50.6

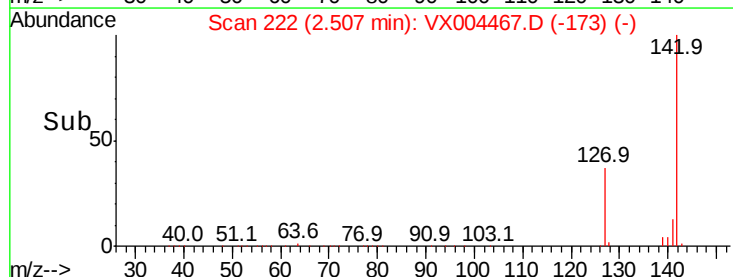
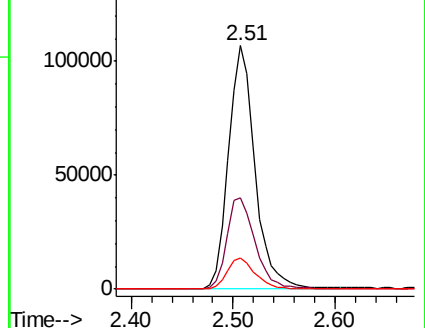
141 13.5 11.4 17.0

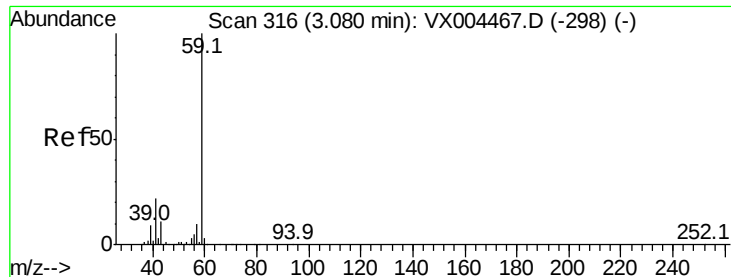


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



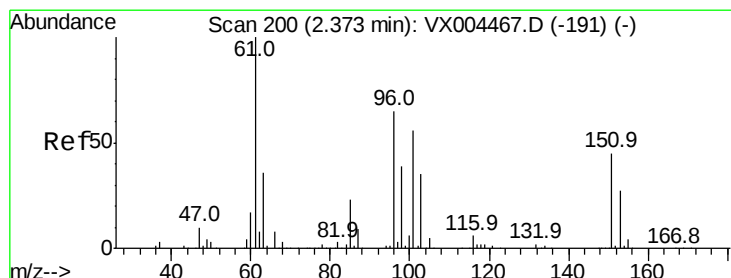
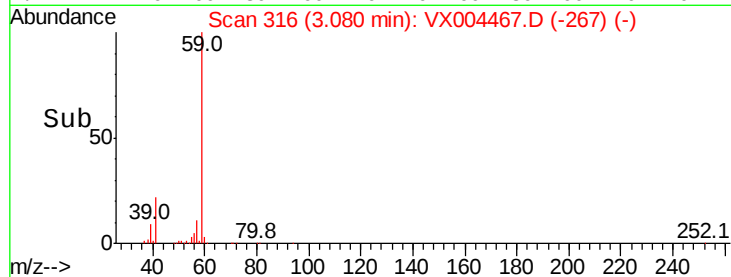
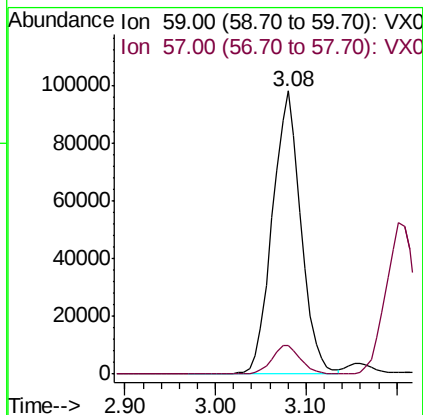
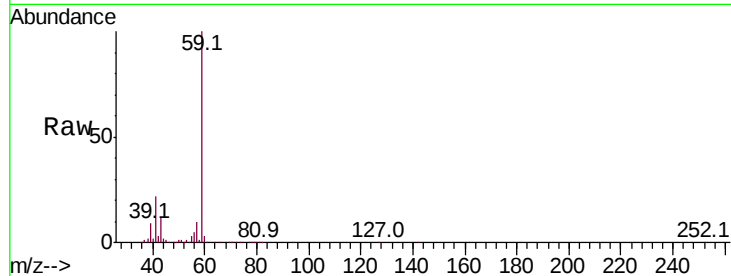


#11

Tert butyl alcohol
 Concen: 239.273 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

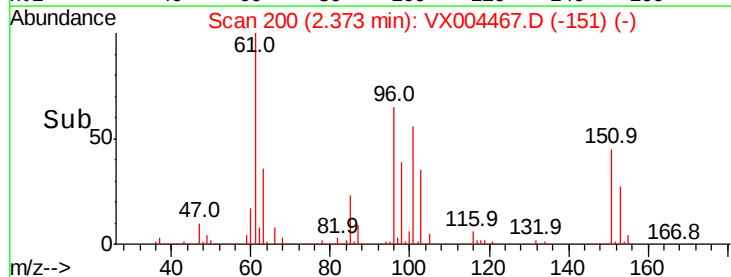
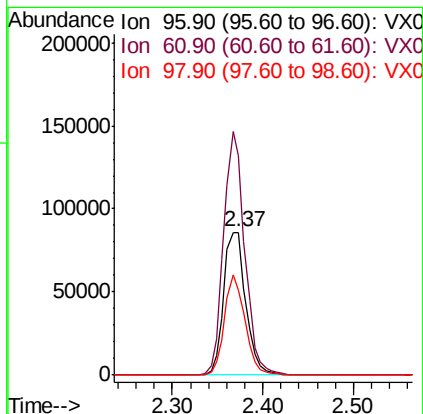
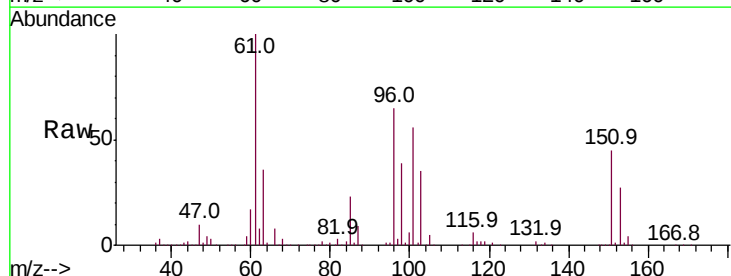
Tot Ion: 59 Resp: 213635
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

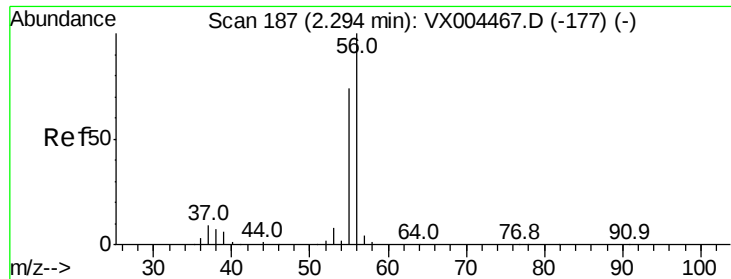


#12

1,1-Dichloroethene
 Concen: 48.366 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion: 96 Resp: 146654
 Ion Ratio Lower Upper
 96 100
 61 153.3 128.8 193.2
 98 59.7 52.2 78.2

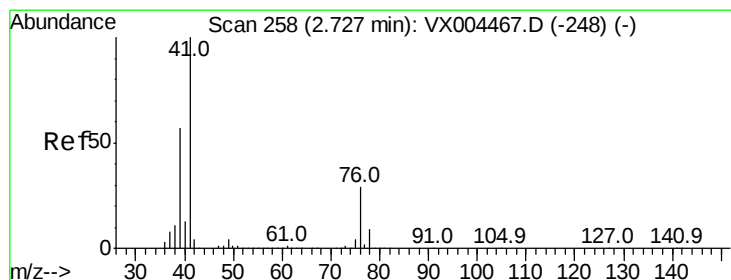
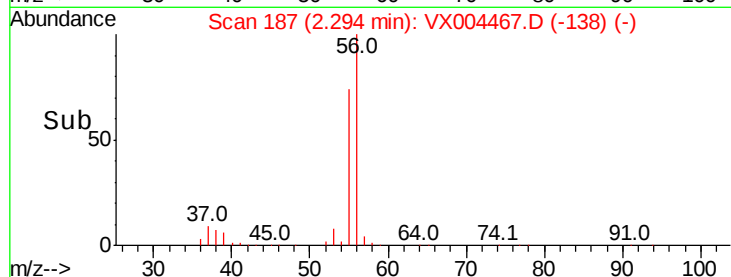
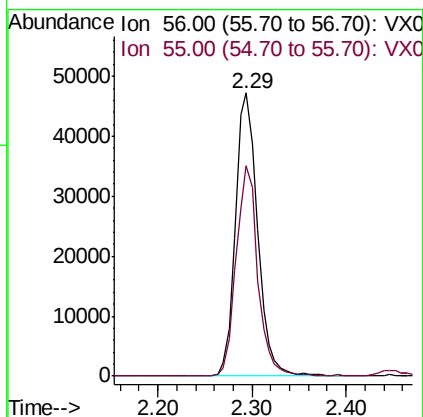
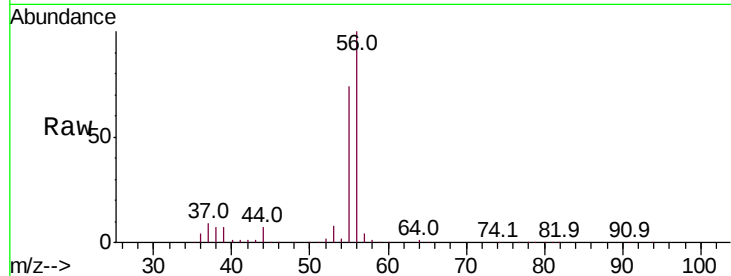




#13
Acrolein
Concen: 219.670 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

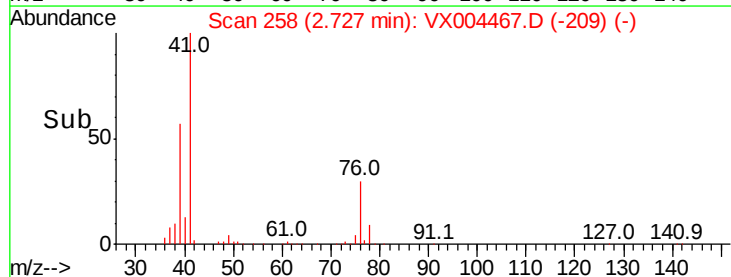
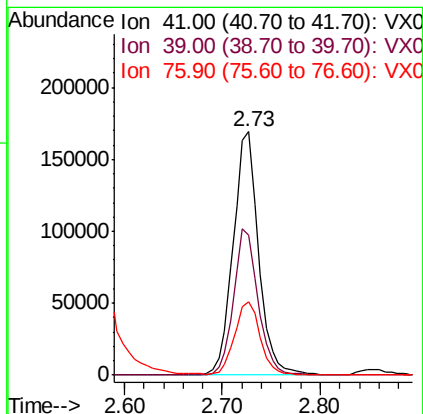
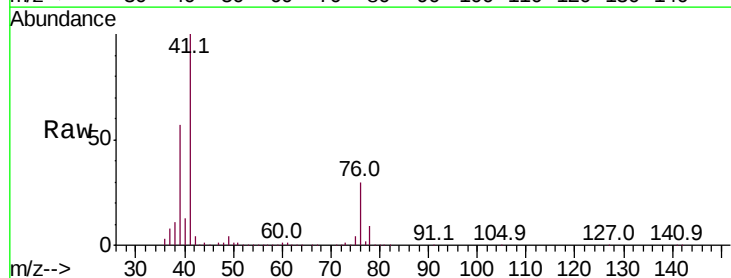
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

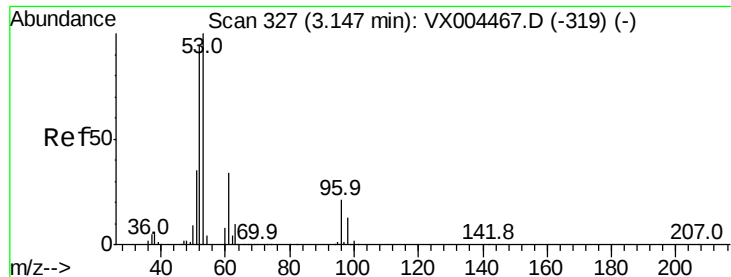
Tot Ion: 56 Resp: 77422
Ion Ratio Lower Upper
56 100
55 72.0 54.7 82.1



#14
Allyl chloride
Concen: 49.043 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 41 Resp: 305726
Ion Ratio Lower Upper
41 100
39 57.8 48.9 73.3
76 30.4 26.7 40.1





#15

Acrylonitrile

Concen: 234.722 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

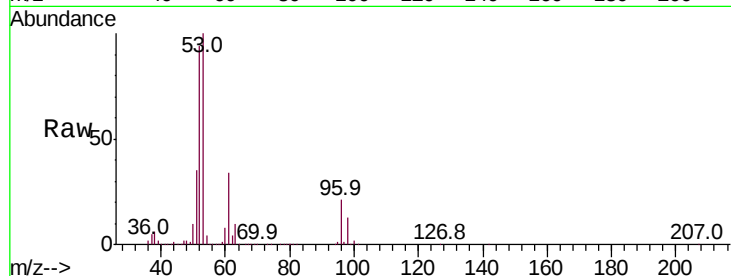
Tot Ion: 53 Resp: 504674

Ion Ratio Lower Upper

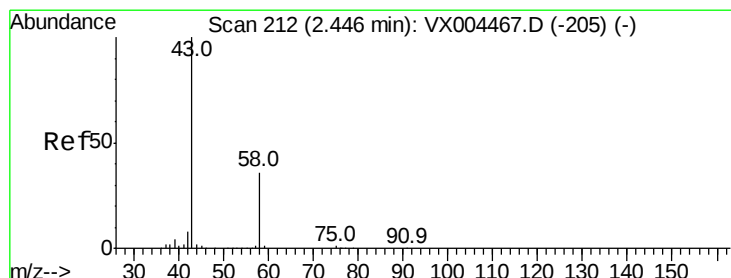
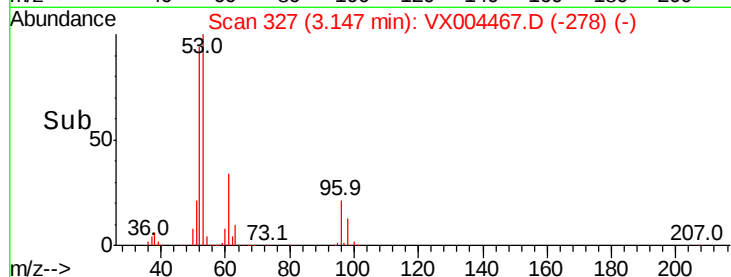
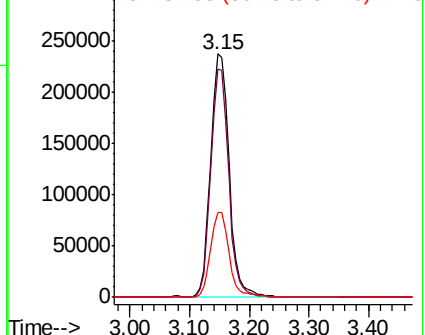
53 100

52 90.6 65.2 97.8

51 35.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 222.116 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004467.D

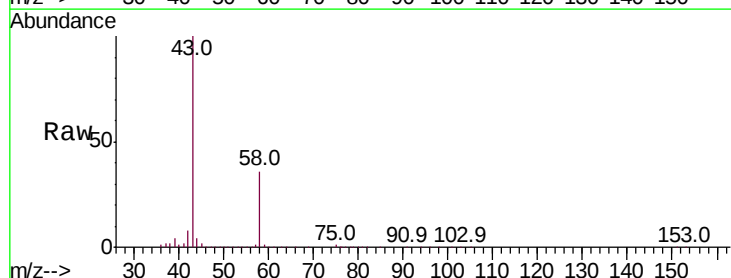
Acq: 11 Sep 2018 13:54

Tgt Ion: 43 Resp: 405648

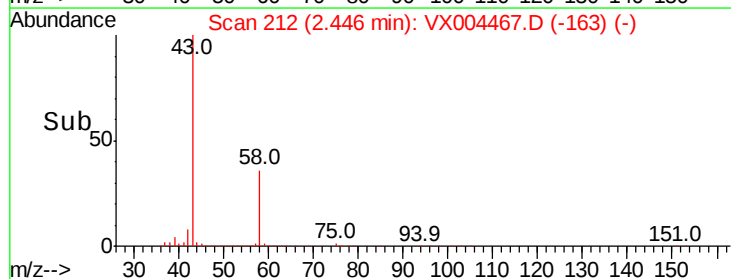
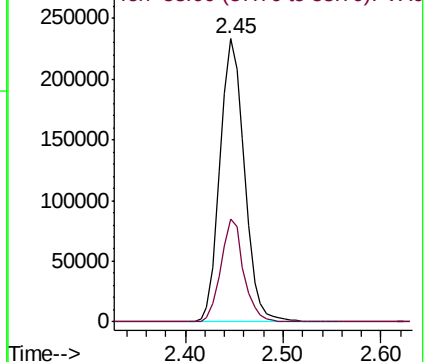
Ion Ratio Lower Upper

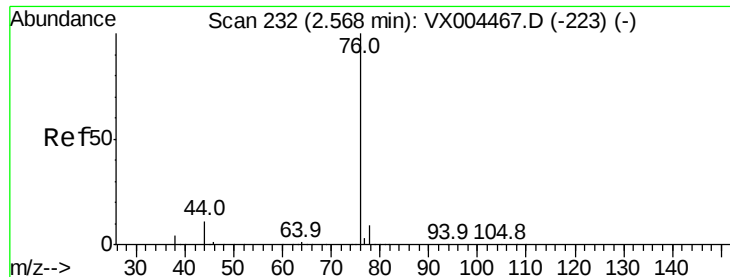
43 100

58 36.2 26.2 39.4



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

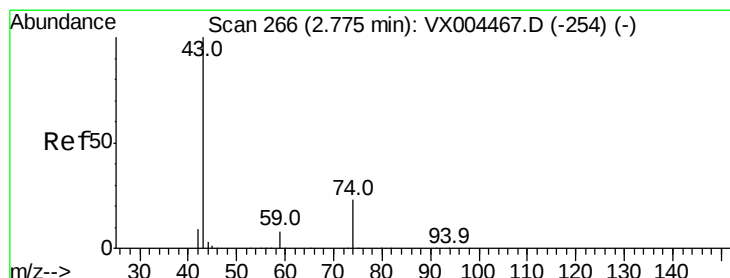
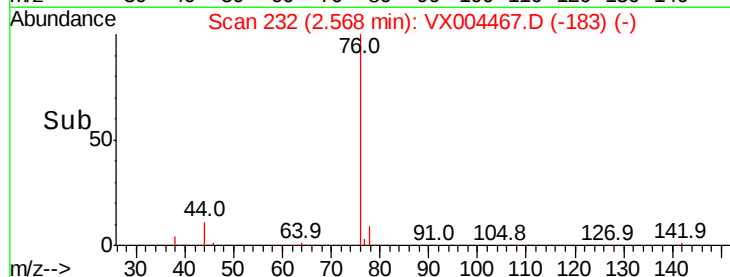
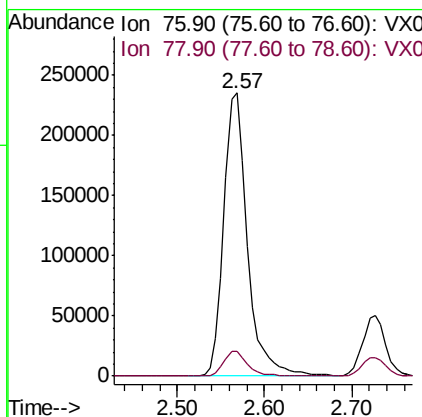
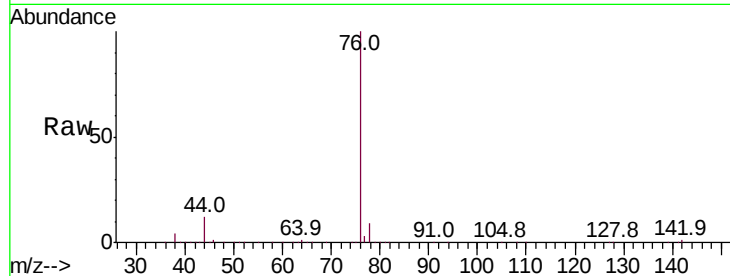




#17
Carbon Disulfide
Concen: 50.440 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

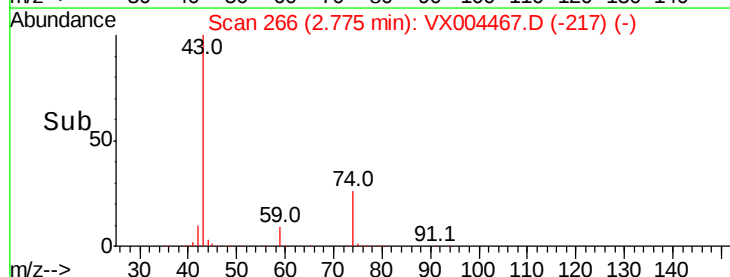
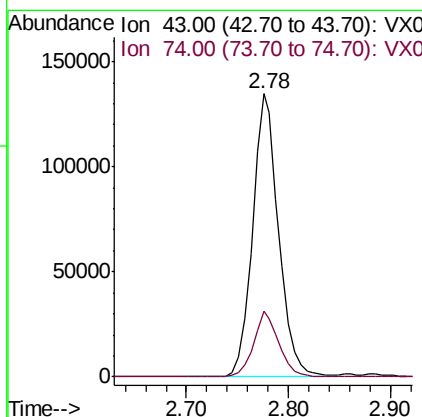
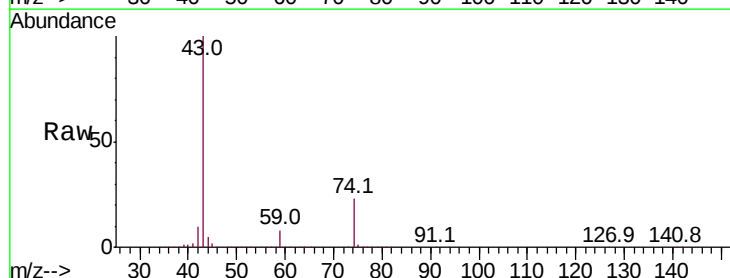
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

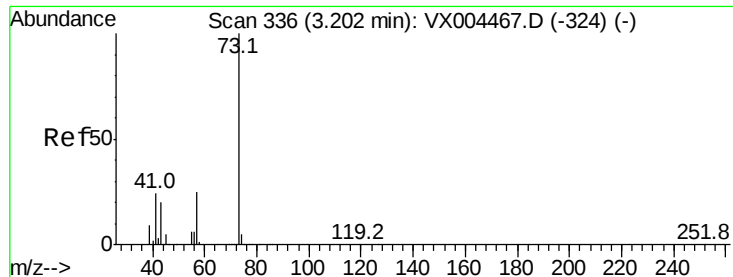
Tot Ion: 76 Resp: 442082
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 46.467 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 43 Resp: 238089
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.2



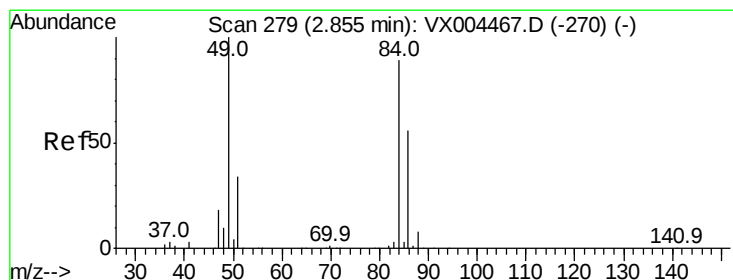
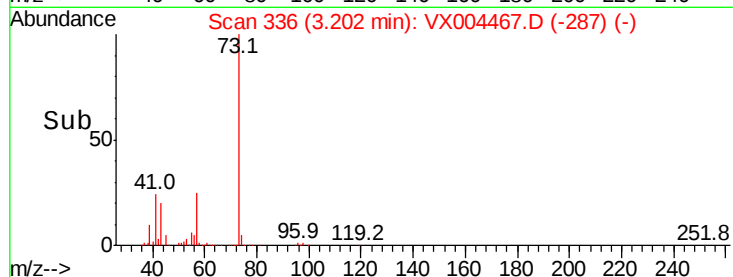
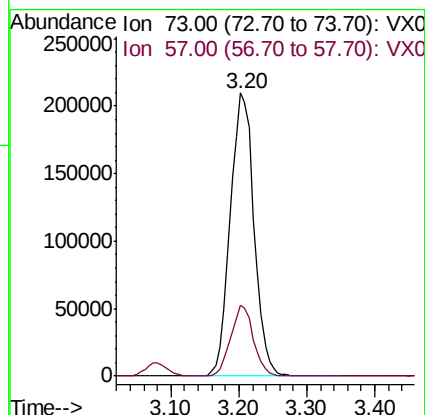
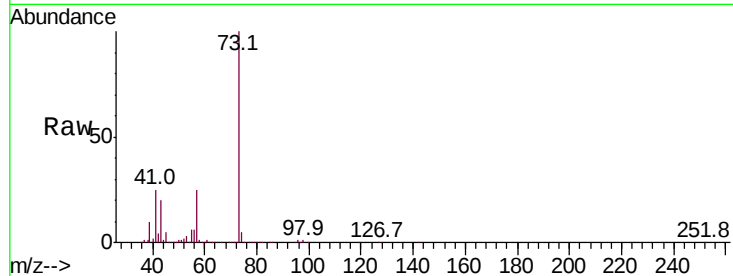


#19

Methyl tert-butyl Ether
 Concen: 47.615 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

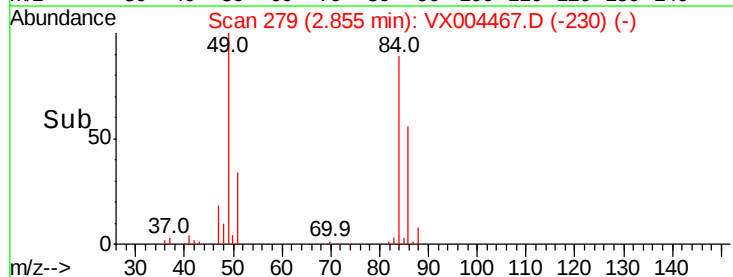
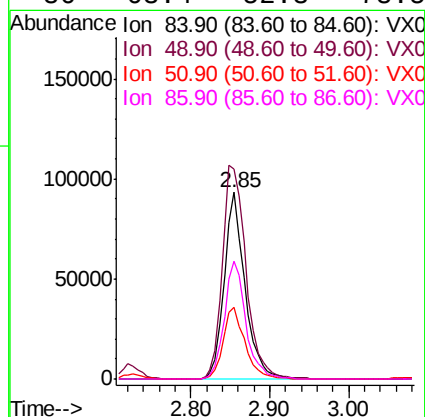
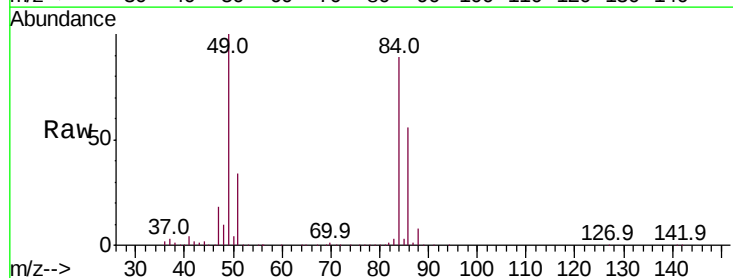
Tot Ion: 73 Resp: 506590
 Ion Ratio Lower Upper
 73 100
 57 25.0 17.1 25.7

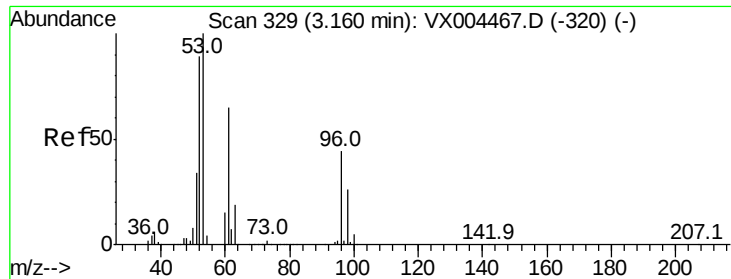


#20

Methylene Chloride
 Concen: 45.681 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion: 84 Resp: 171141
 Ion Ratio Lower Upper
 84 100
 49 112.3 101.2 151.8
 51 38.5 29.5 44.3
 86 63.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.581 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

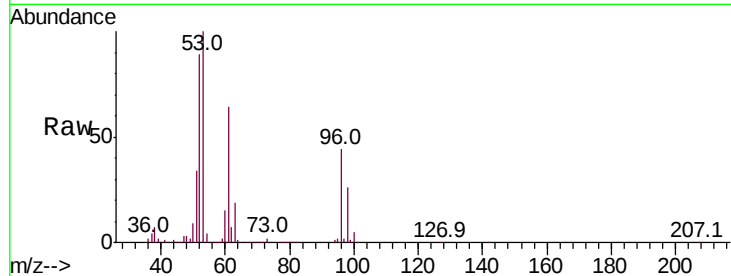
Tot Ion: 96 Resp: 159426

Ion Ratio Lower Upper

96 100

61 146.3 113.8 170.6

98 59.3 51.8 77.8

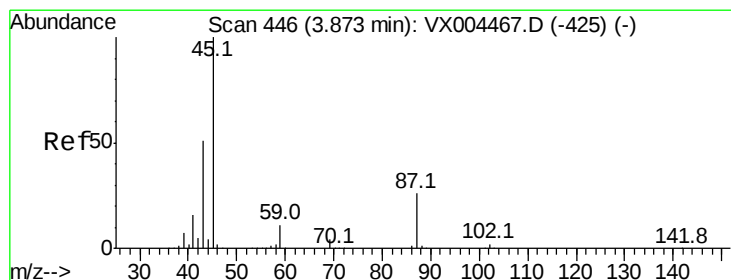
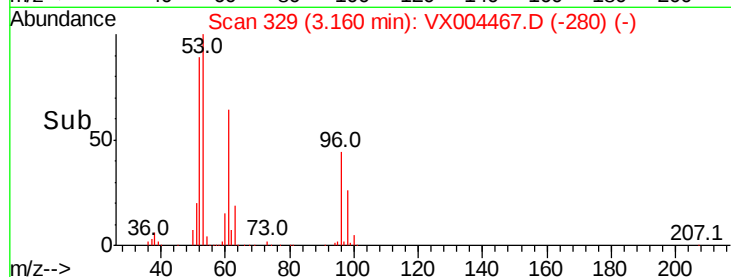
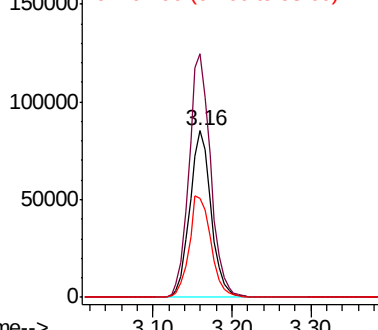


Abundance

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: 48.418 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Tgt Ion: 45 Resp: 543611

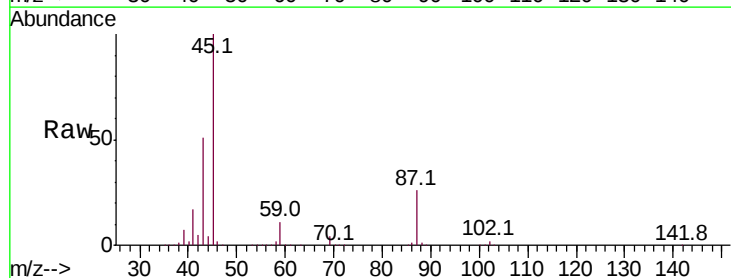
Ion Ratio Lower Upper

45 100

43 50.6 42.8 64.2

87 25.7 22.6 34.0

59 11.0 9.6 14.4



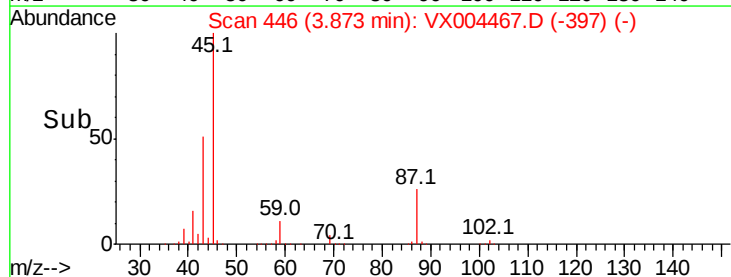
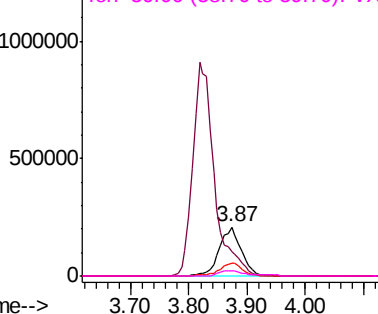
Abundance

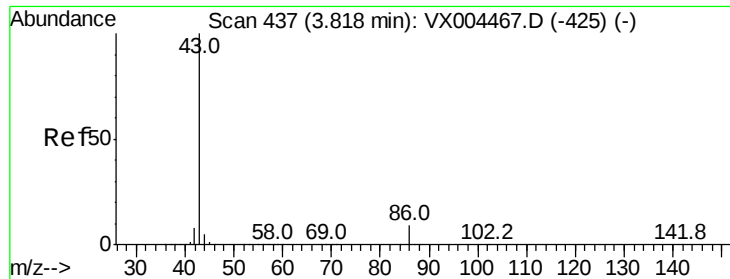
Ion 45.00 (44.70 to 45.70): VX0

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: 258.539 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

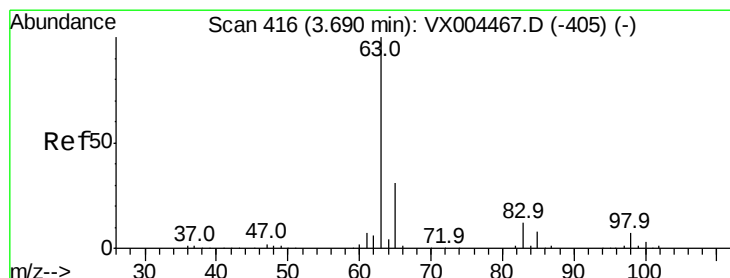
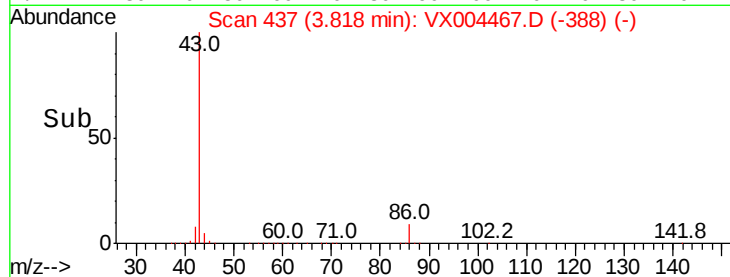
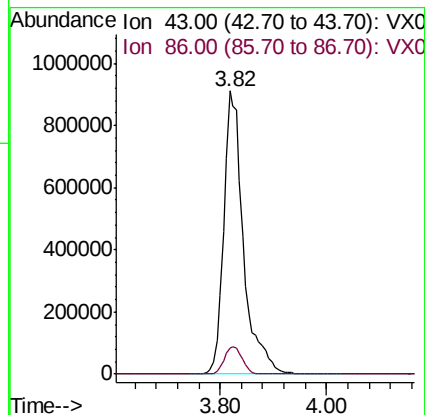
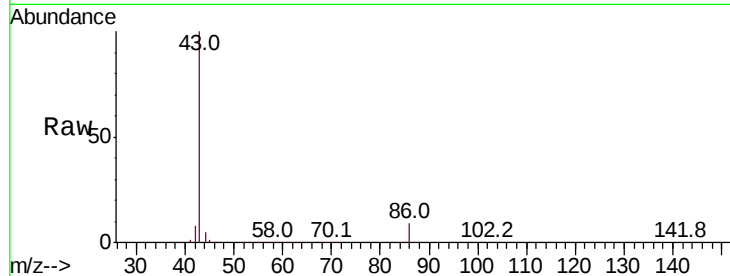
VSTDICCC050

Tot Ion: 43 Resp: 2349037

Ion Ratio Lower Upper

43 100

86 9.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 48.761 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

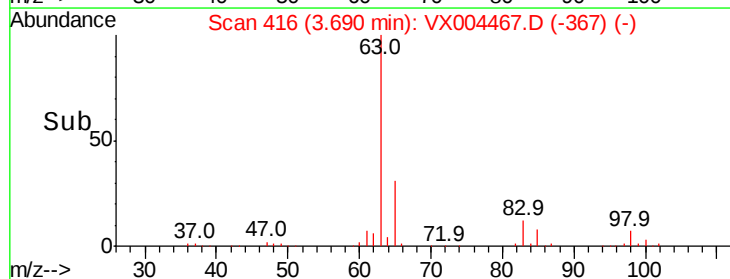
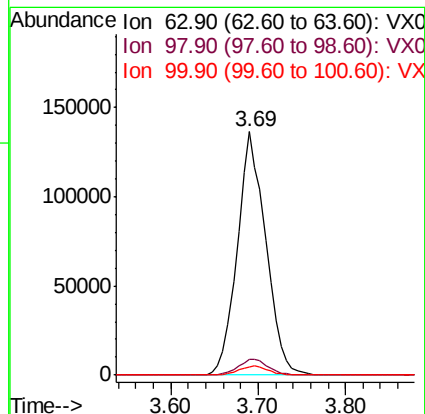
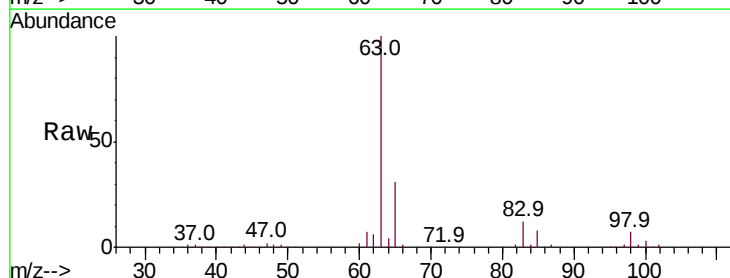
Tgt Ion: 63 Resp: 309090

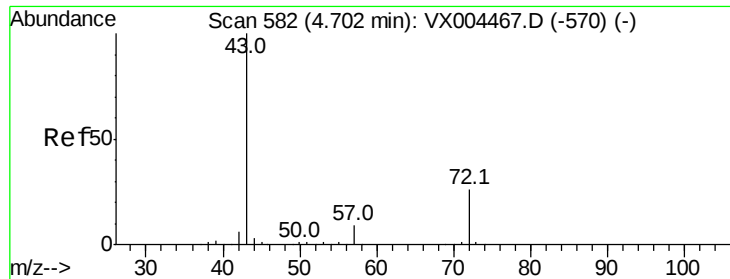
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 3.3 2.4 7.1





#25

2-Butanone

Concen: 230.779 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

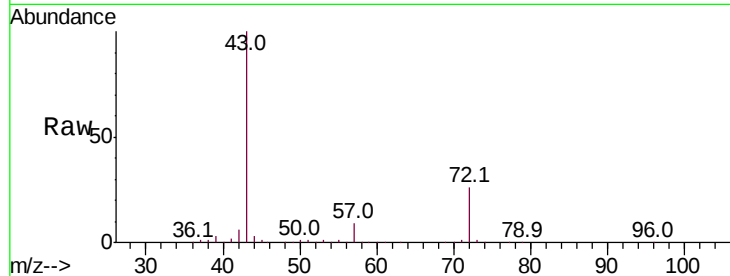
VSTDICCC050

Tot Ion: 43 Resp: 670775

Ion Ratio Lower Upper

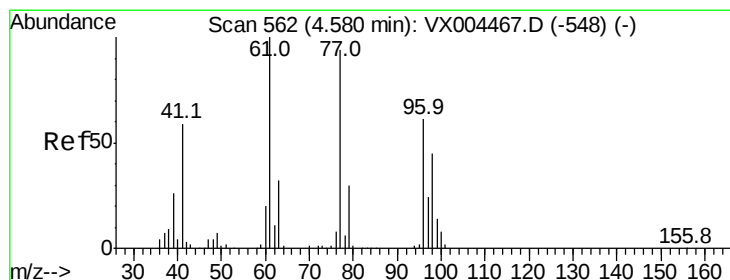
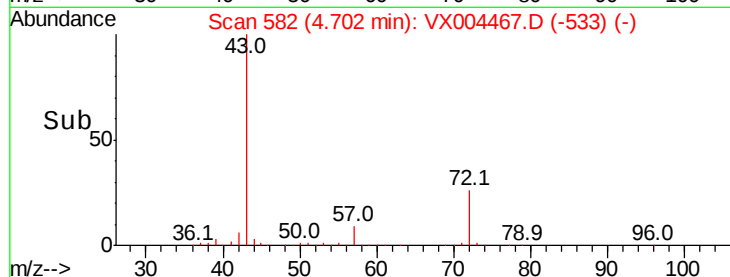
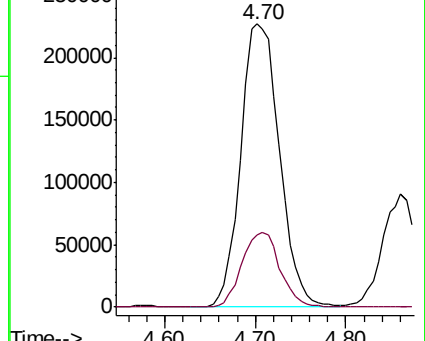
43 100

72 25.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.811 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004467.D

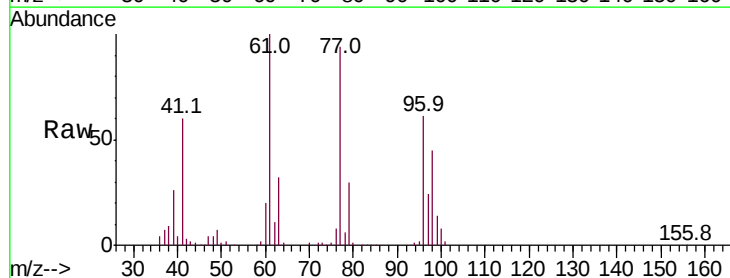
Acq: 11 Sep 2018 13:54

Tgt Ion: 77 Resp: 208158

Ion Ratio Lower Upper

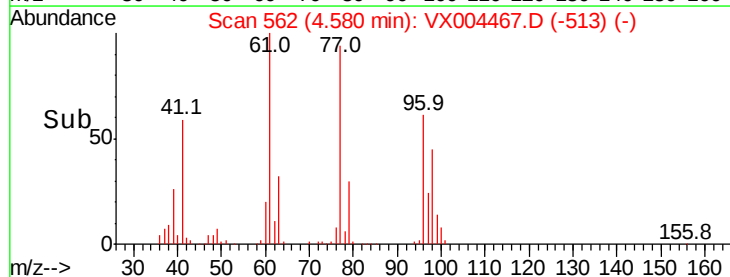
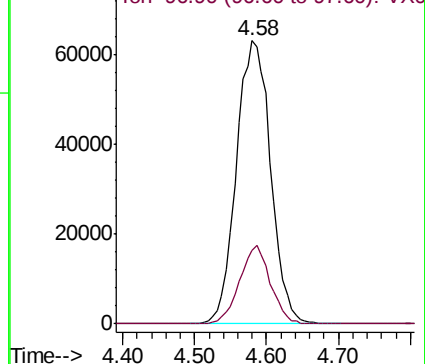
77 100

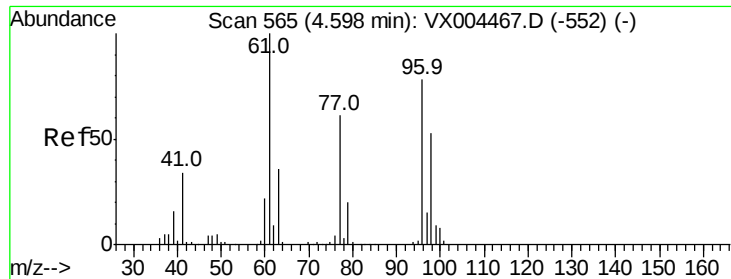
97 25.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



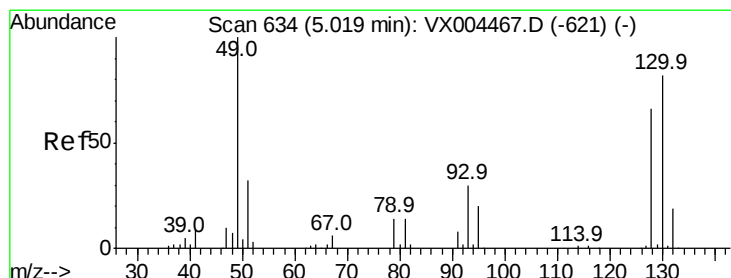
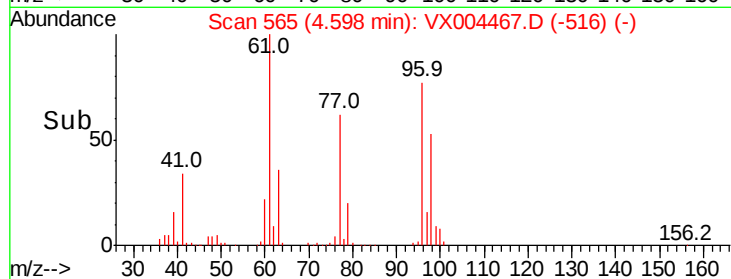
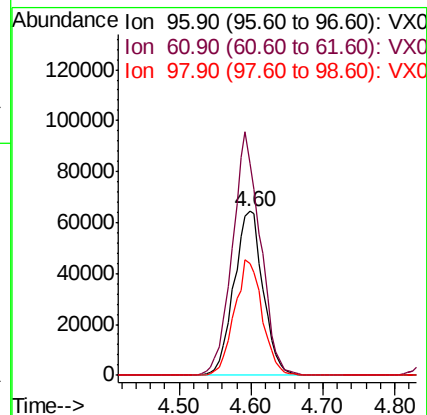
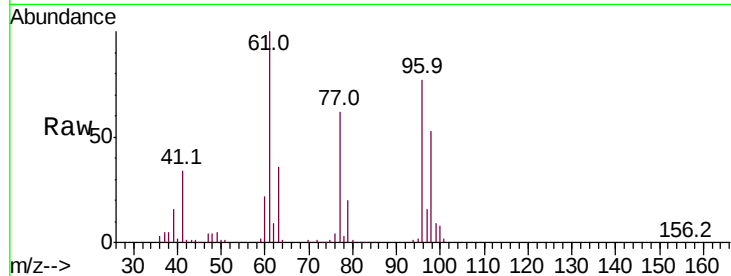


#27

cis-1,2-Dichloroethene
 Concen: 48.439 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

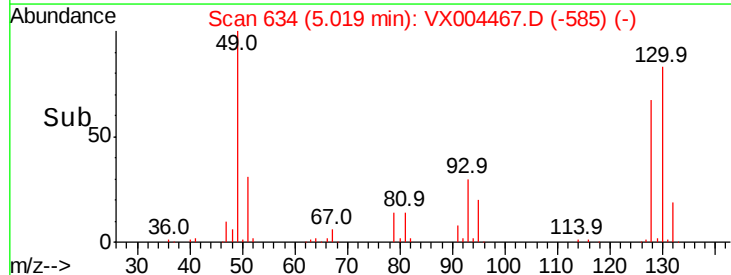
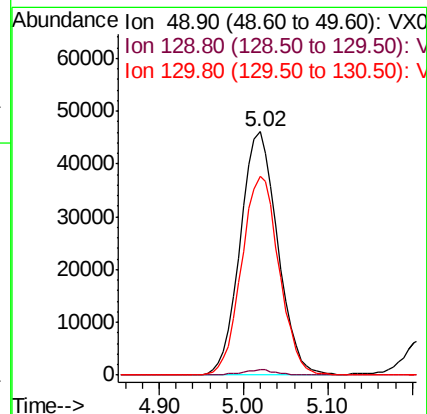
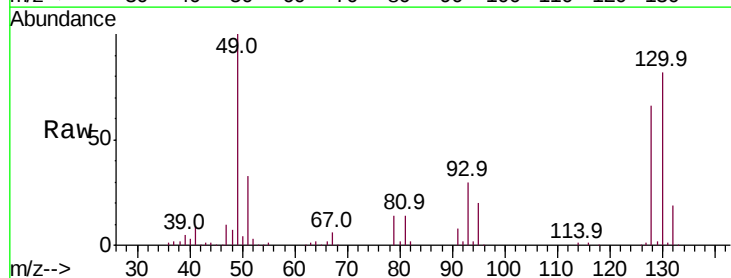
Tot Ion: 96 Resp: 181178
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 282.6
 98 67.0 0.0 130.2

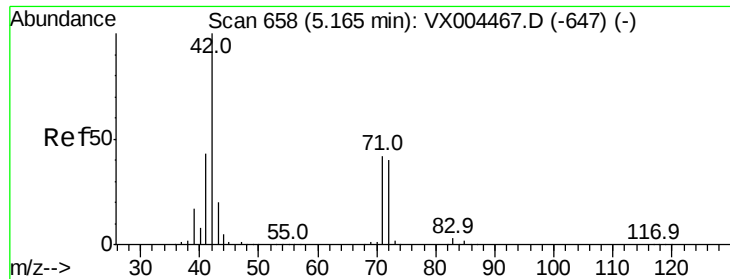


#28

Bromochloromethane
 Concen: 47.864 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion: 49 Resp: 138781
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 81.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 251.483 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

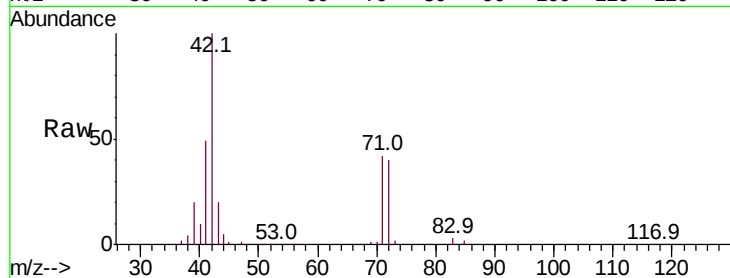
Tot Ion: 42 Resp: 440808

Ion Ratio Lower Upper

42 100

72 44.1 37.4 56.0

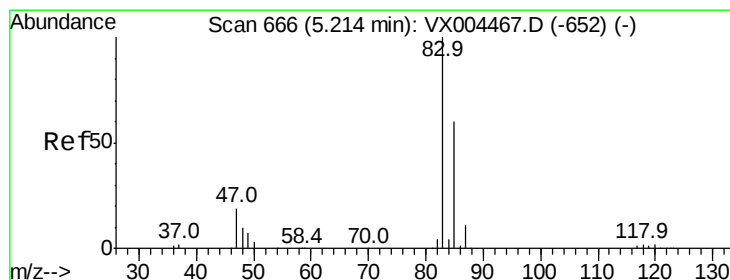
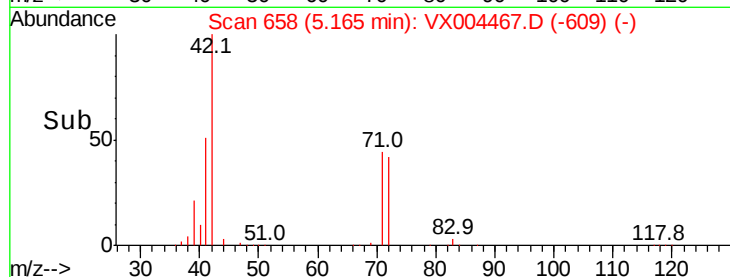
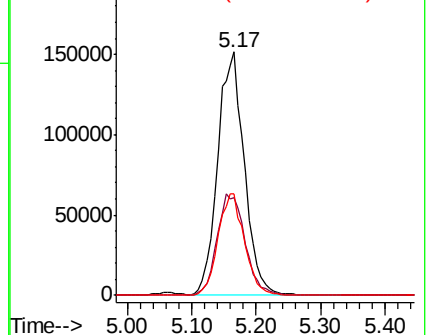
71 41.5 34.5 51.7



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: 49.159 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004467.D

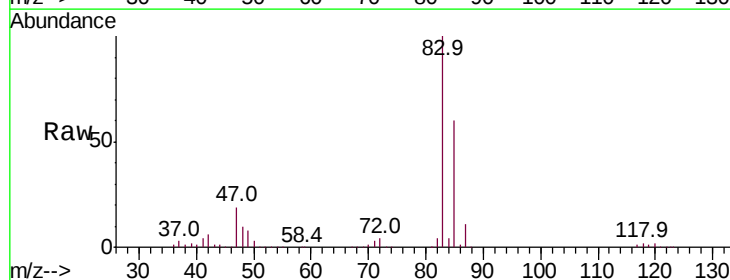
Acq: 11 Sep 2018 13:54

Tgt Ion: 83 Resp: 304223

Ion Ratio Lower Upper

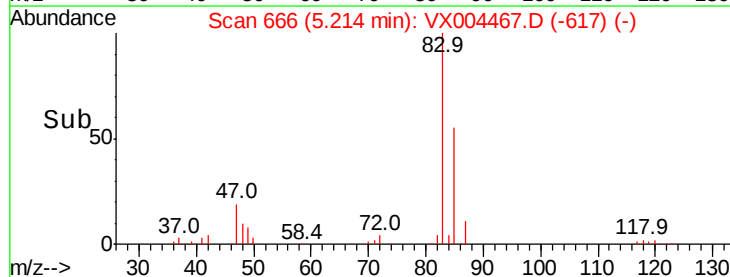
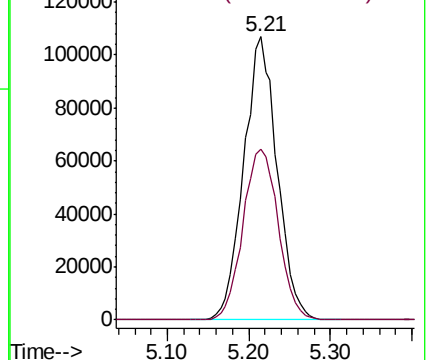
83 100

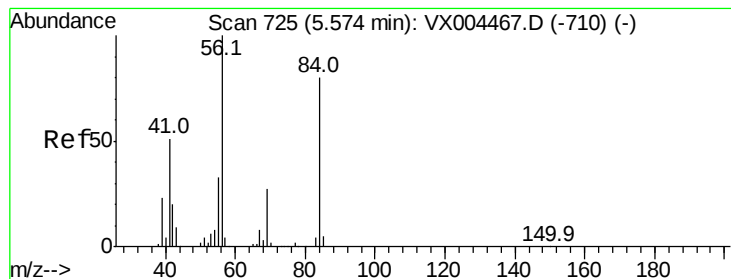
85 60.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.046 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

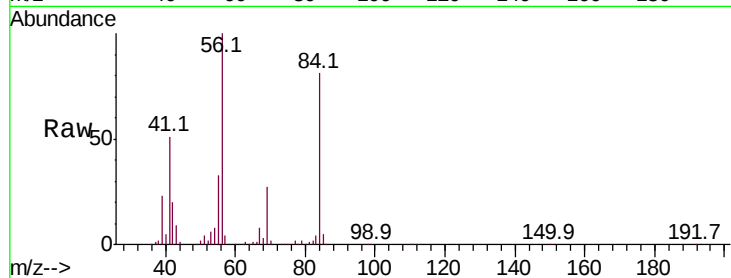
Tot Ion: 56 Resp: 287117

Ion Ratio Lower Upper

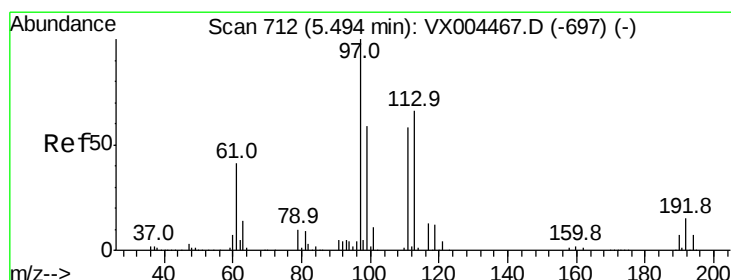
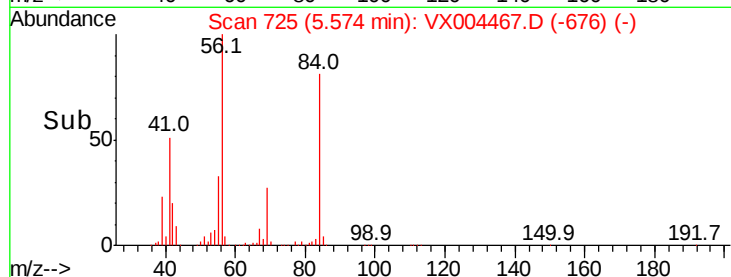
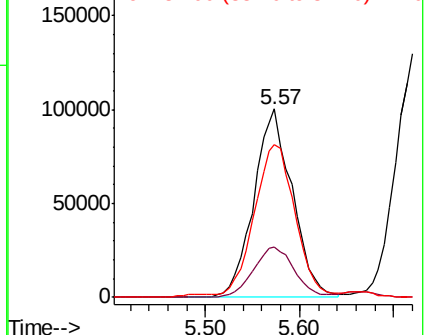
56 100

69 27.1 25.4 38.2

84 80.2 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: 48.427 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

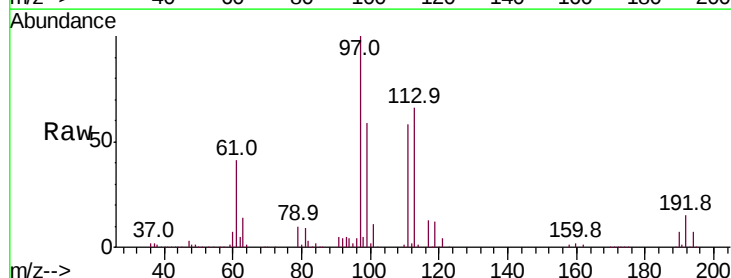
Tgt Ion: 97 Resp: 241377

Ion Ratio Lower Upper

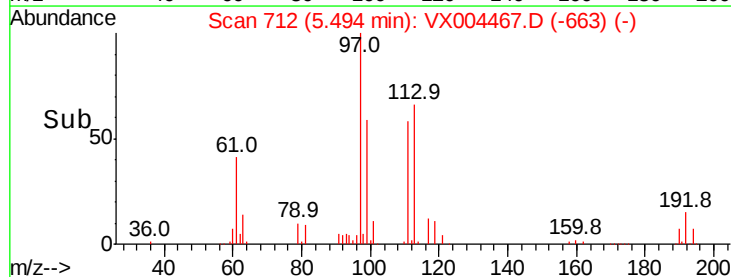
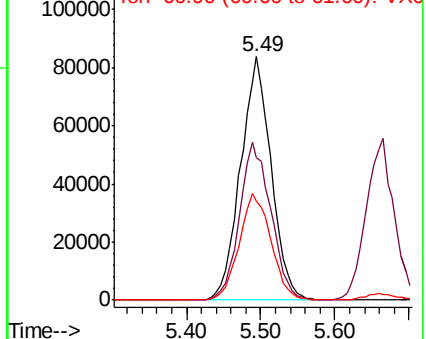
97 100

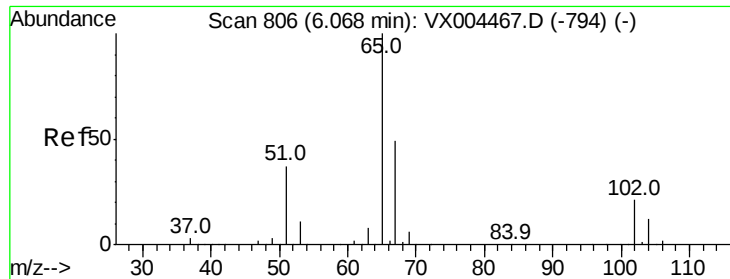
99 66.4 52.0 78.0

61 45.7 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: 47.544 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

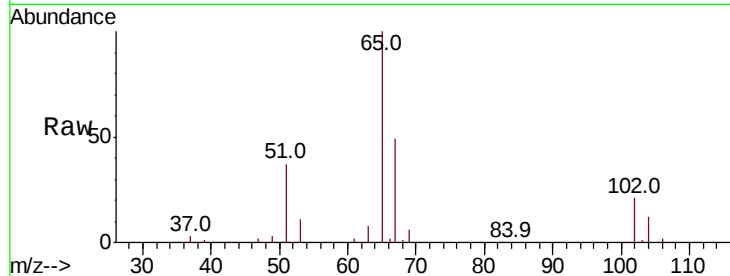
VSTDICCC050

Tot Ion: 65 Resp: 177900

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

40000

20000

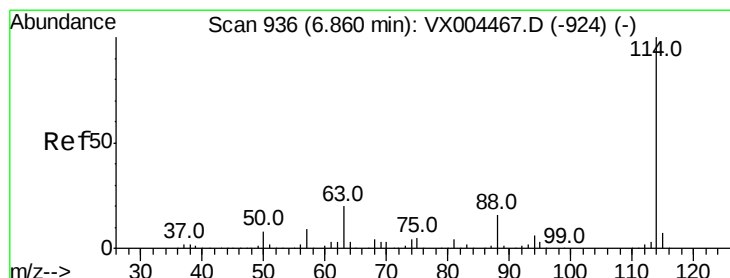
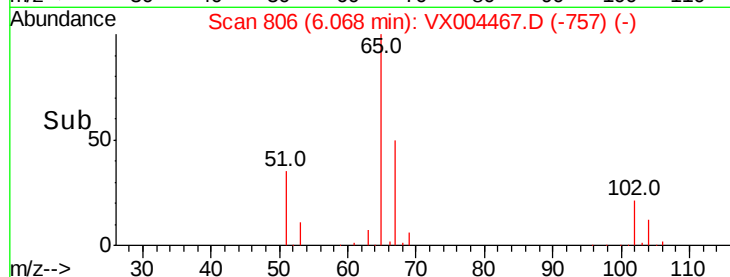
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

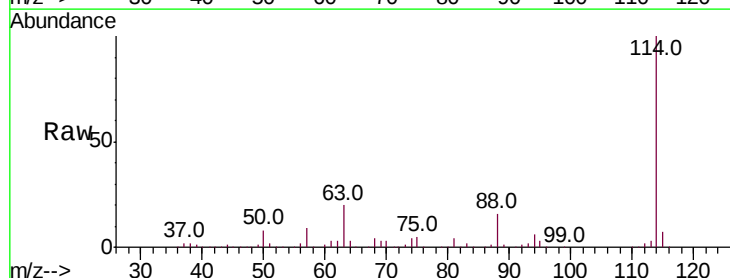
Tgt Ion: 114 Resp: 349707

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

88 15.8 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

200000

150000

100000

50000

0

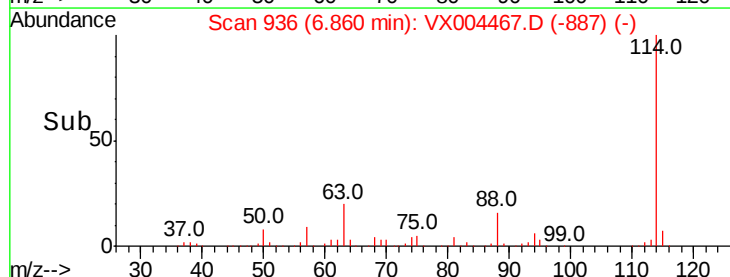
Time-->

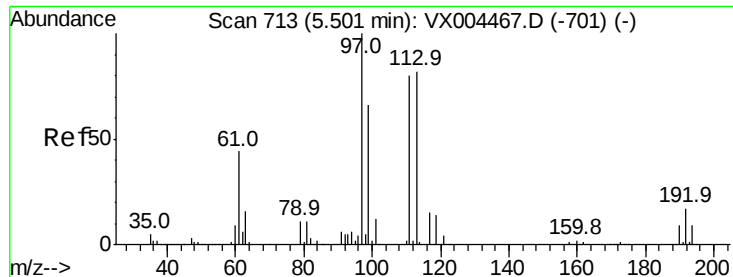
6.70

6.80

6.90

7.00

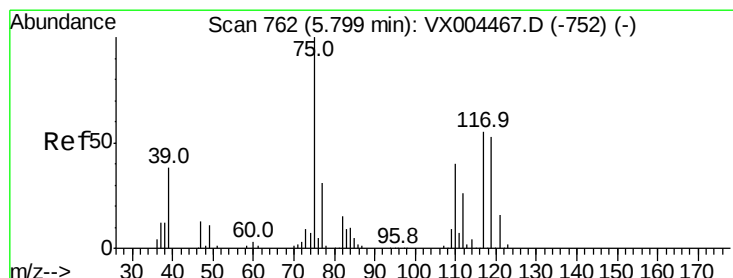
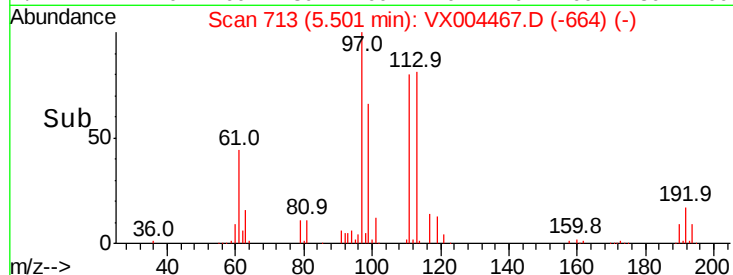
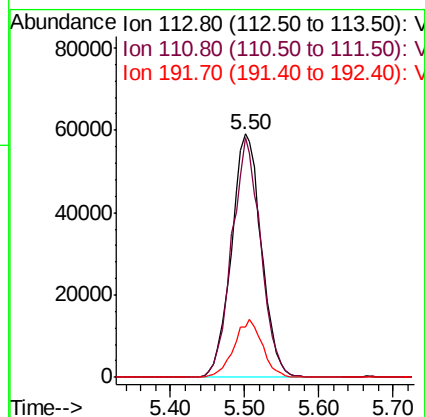
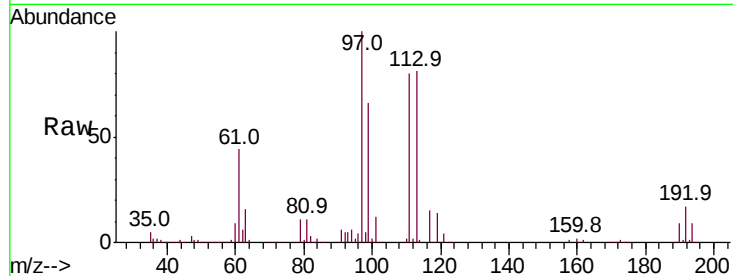




#35
 Dibromofluoromethane
 Concen: 51.949 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

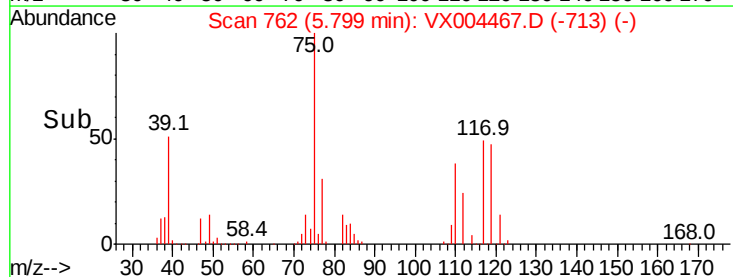
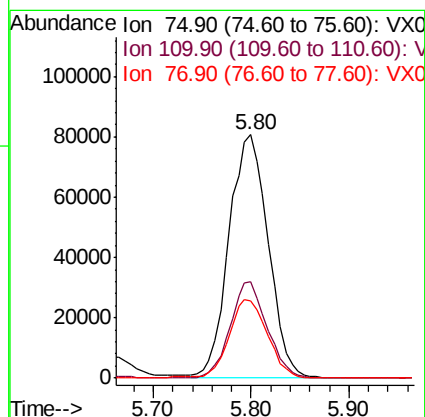
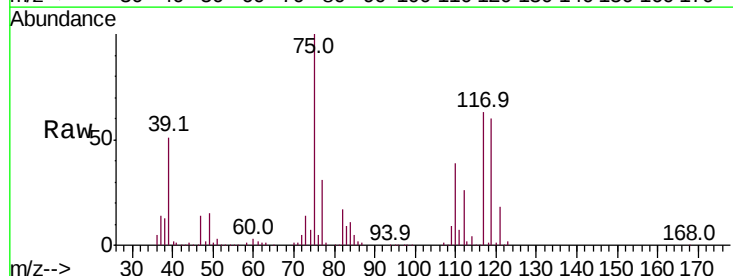
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

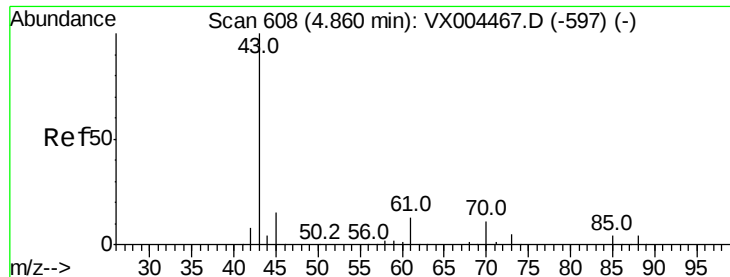
Tot Ion:113 Resp: 166245
 Ion Ratio Lower Upper
 113 100
 111 95.5 82.4 123.6
 192 22.4 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 52.508 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion: 75 Resp: 222929
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.0 54.0
 77 32.2 24.6 36.8





#37

Ethyl Acetate

Concen: 52.478 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

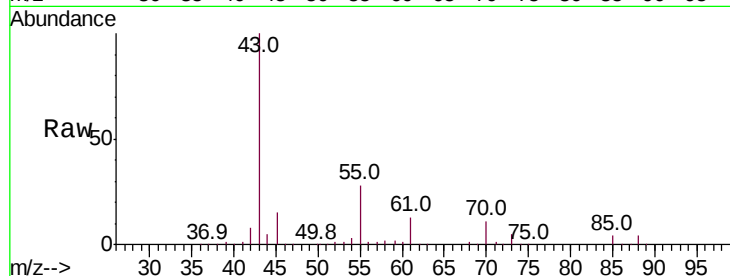
Tot Ion: 43 Resp: 253403

Ion Ratio Lower Upper

43 100

61 14.7 11.5 17.3

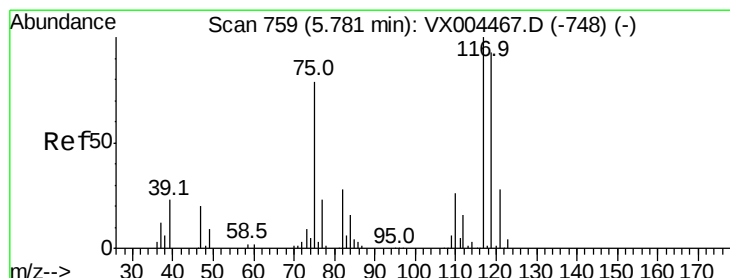
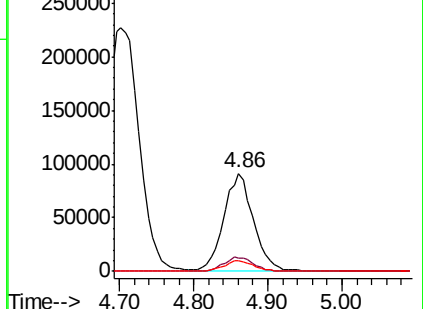
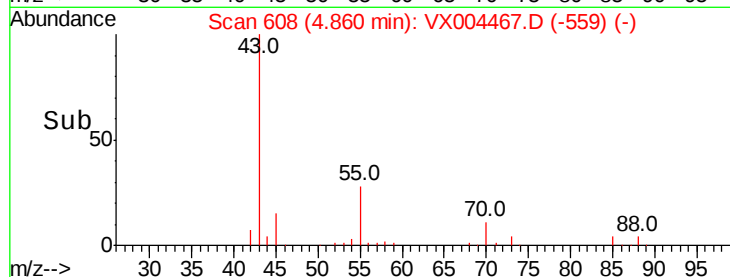
70 10.8 9.0 13.6



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: 52.796 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

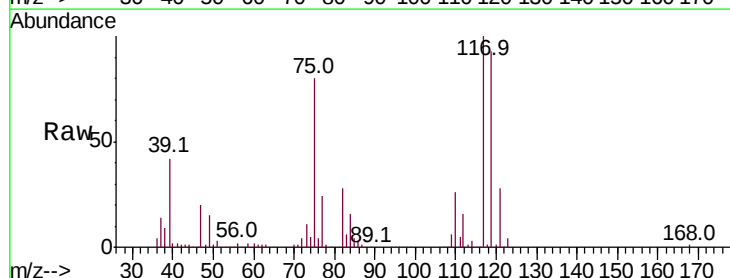
Tgt Ion: 117 Resp: 218935

Ion Ratio Lower Upper

117 100

119 92.7 78.8 118.2

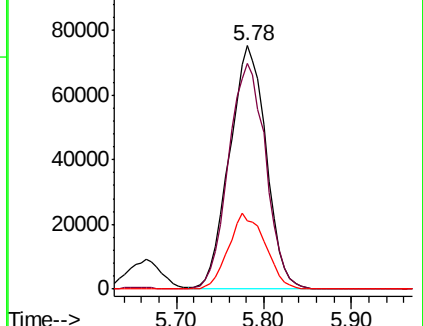
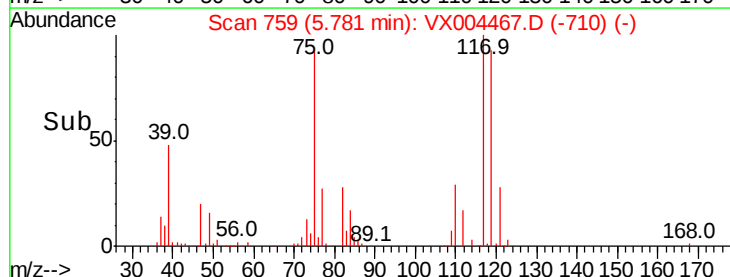
121 28.3 24.9 37.3

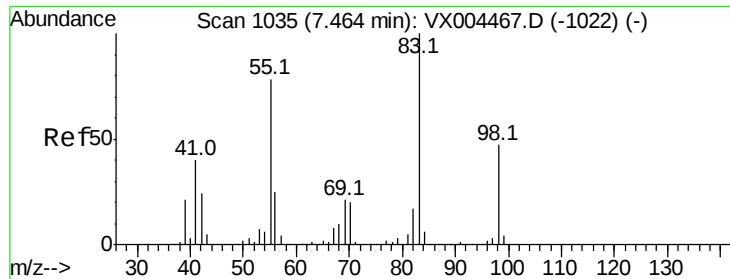


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

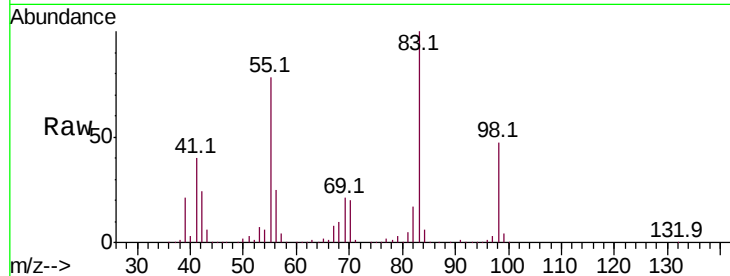




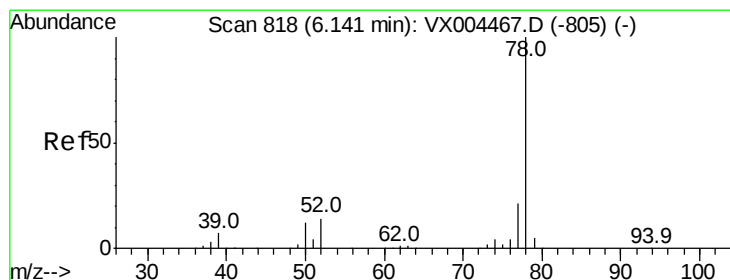
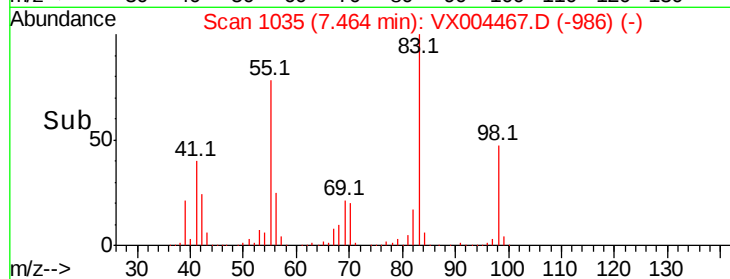
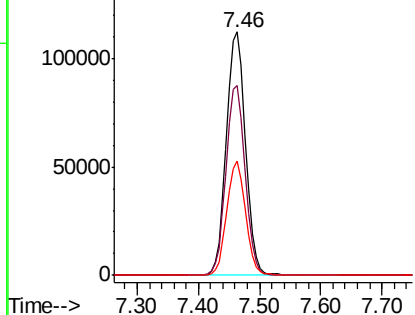
#39
Methvlcvclohexane
Concen: 54.674 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 242232
Ion Ratio Lower Upper
83 100
55 77.8 61.0 91.4
98 46.8 39.6 59.4

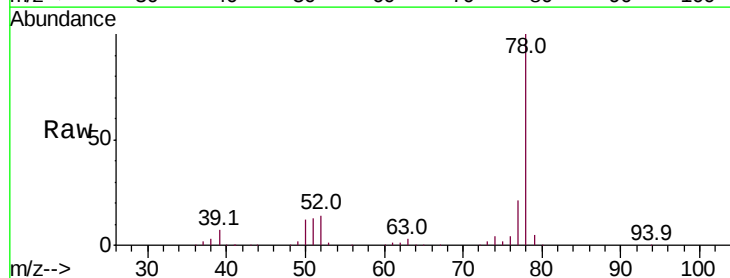


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

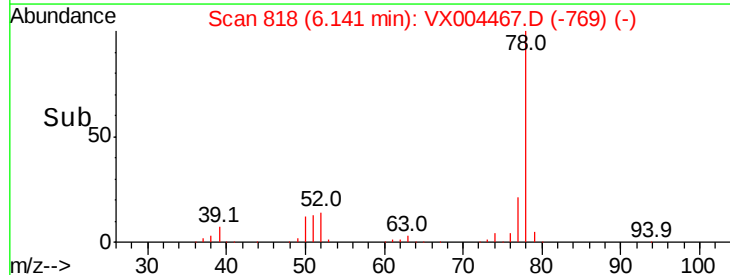
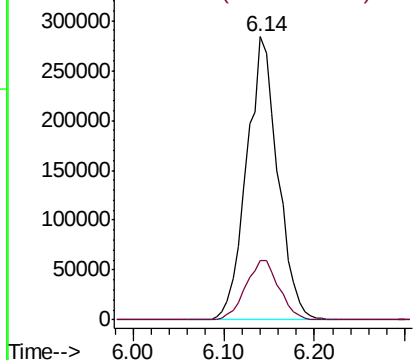


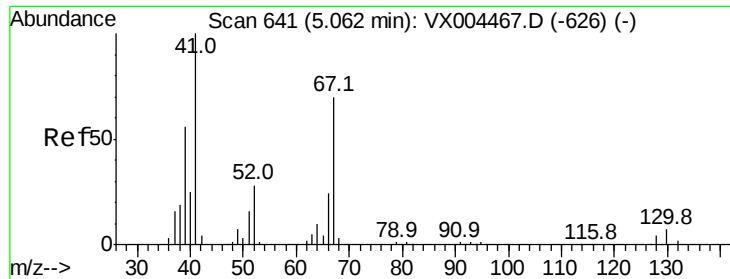
#40
Benzene
Concen: 53.345 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 78 Resp: 671981
Ion Ratio Lower Upper
78 100
77 21.2 19.0 28.4



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





#41

Methacrylonitrile

Concen: 51.734 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 137639

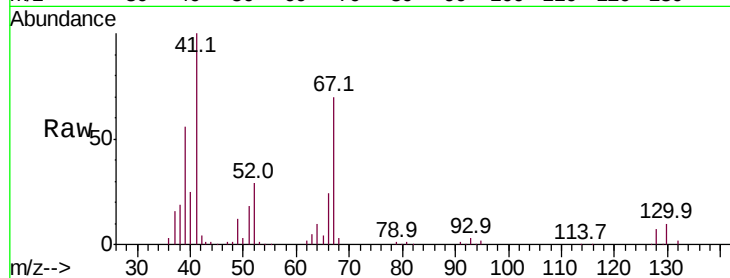
Ion Ratio Lower Upper

41 100

39 53.4 42.4 63.6

67 73.8 59.2 88.8

52 29.0 23.0 34.4

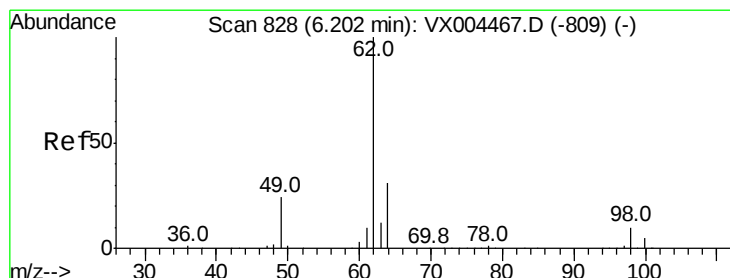
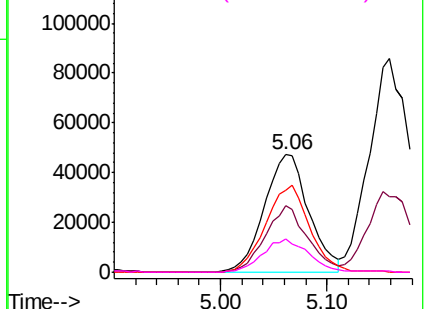
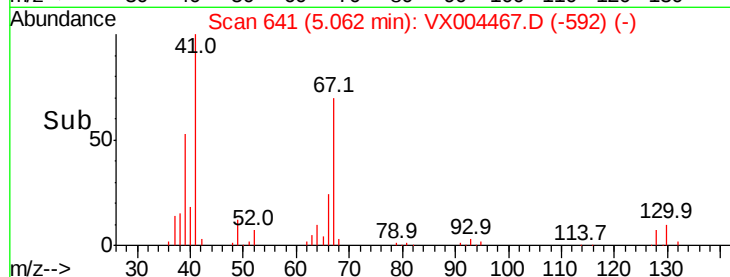


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.002 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.00 min

Lab File: VX004467.D

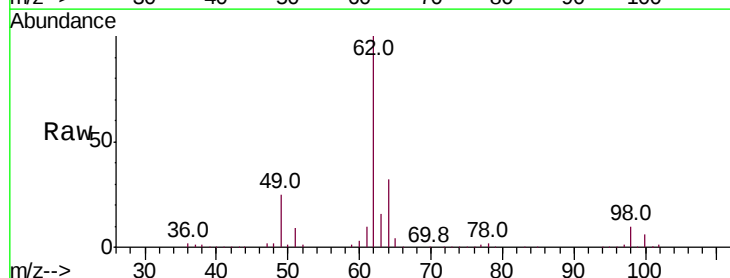
Acq: 11 Sep 2018 13:54

Tgt Ion: 62 Resp: 204729

Ion Ratio Lower Upper

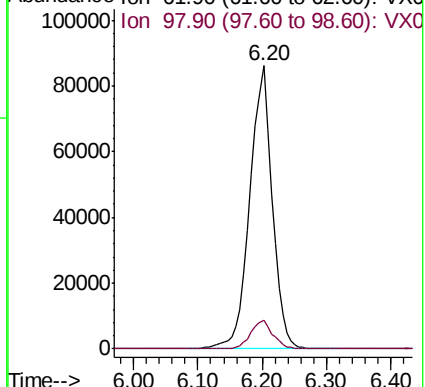
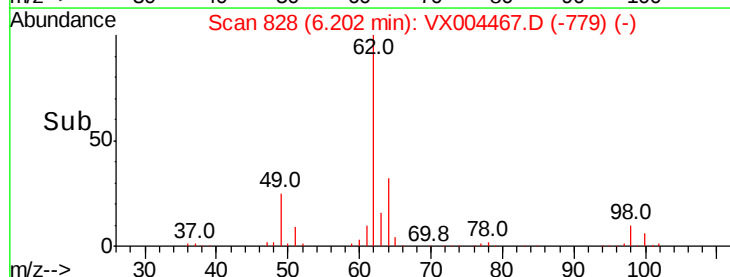
62 100

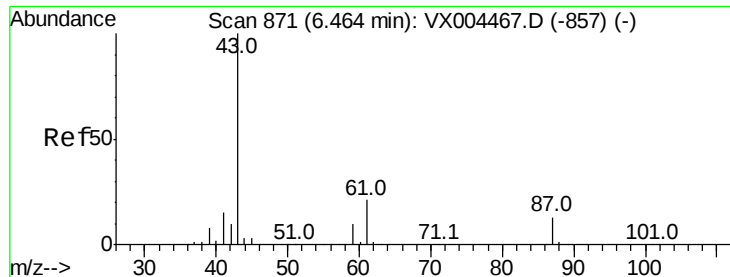
98 9.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.623 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

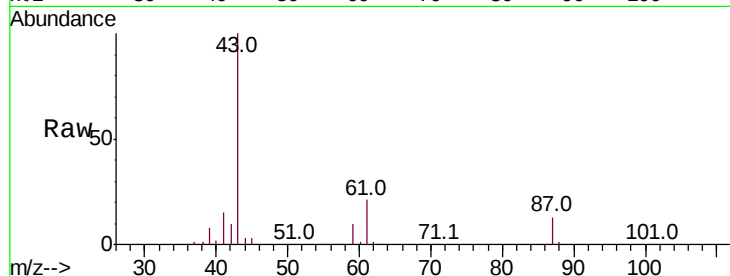
Tot Ion: 43 Resp: 331082

Ion Ratio Lower Upper

43 100

61 20.6 17.0 25.4

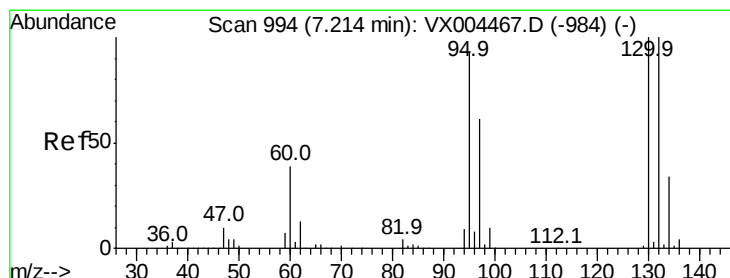
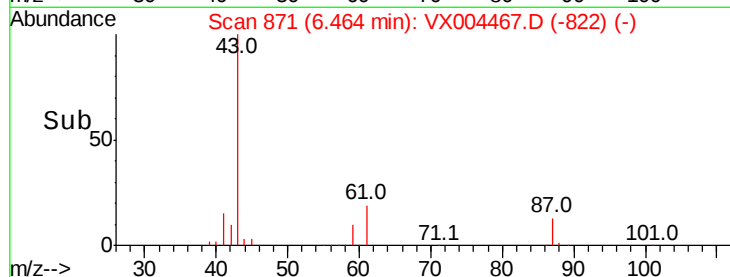
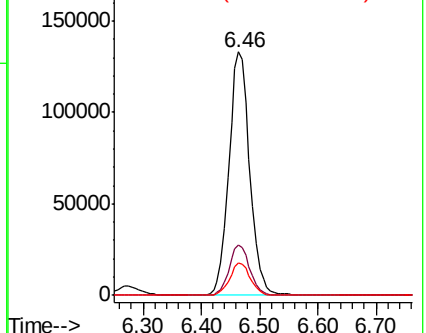
87 13.2 11.4 17.2



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: 51.495 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004467.D

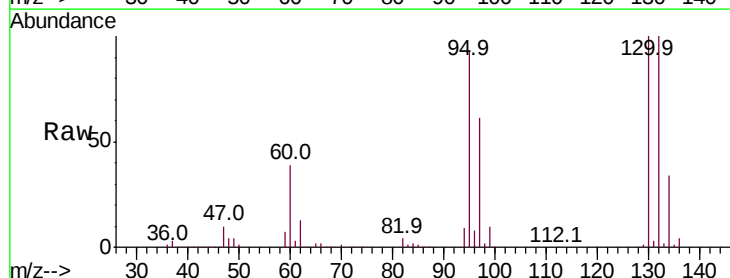
Acq: 11 Sep 2018 13:54

Tgt Ion:130 Resp: 168528

Ion Ratio Lower Upper

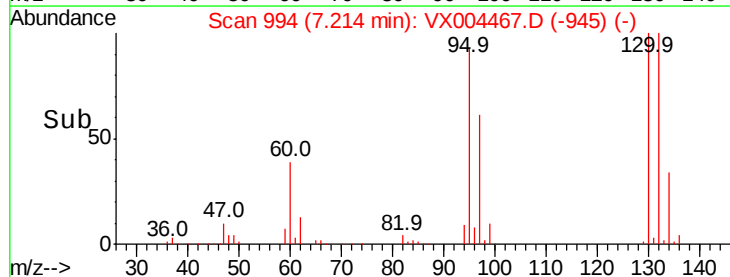
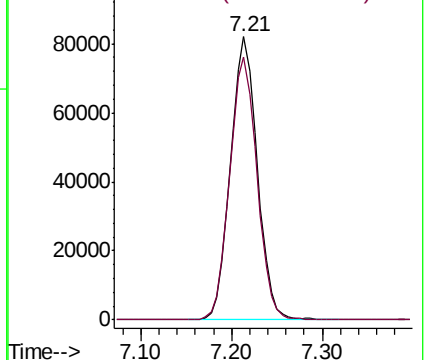
130 100

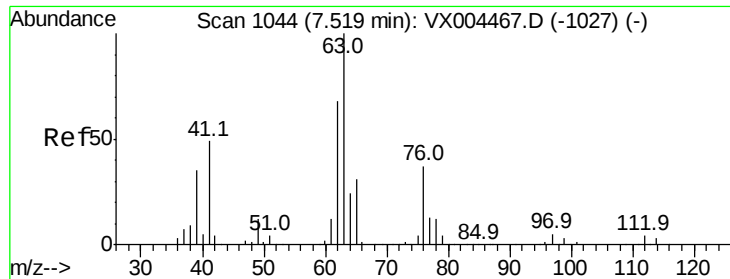
95 93.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.683 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

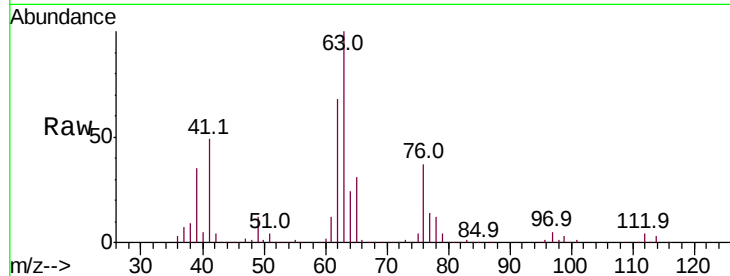
VSTDICCC050

Tot Ion: 63 Resp: 156660

Ion Ratio Lower Upper

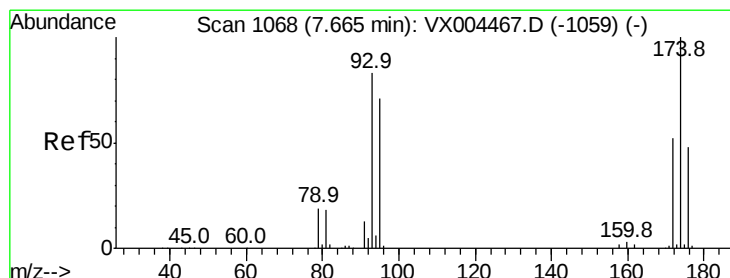
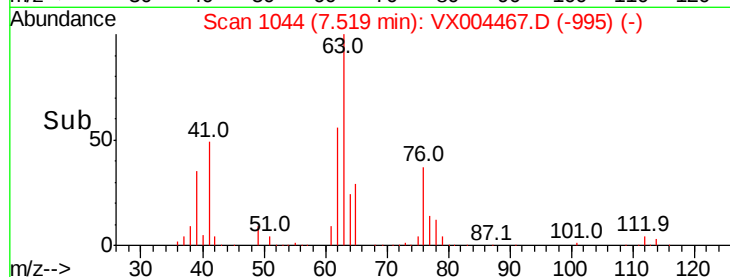
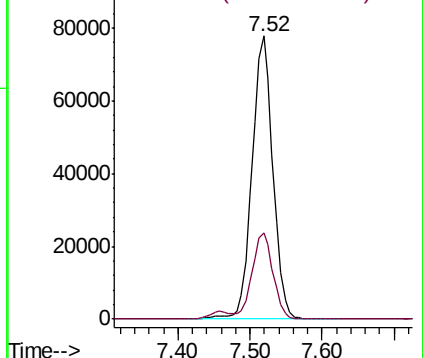
63 100

65 30.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.633 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

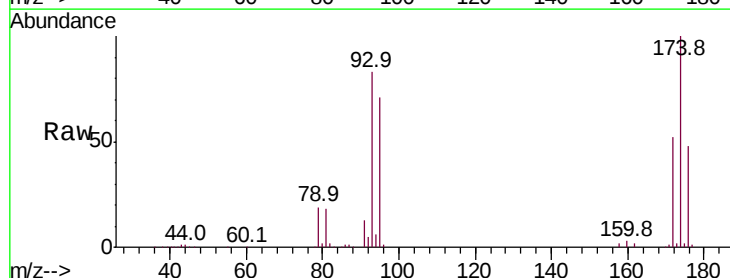
Tgt Ion: 93 Resp: 98873

Ion Ratio Lower Upper

93 100

95 84.1 65.5 98.3

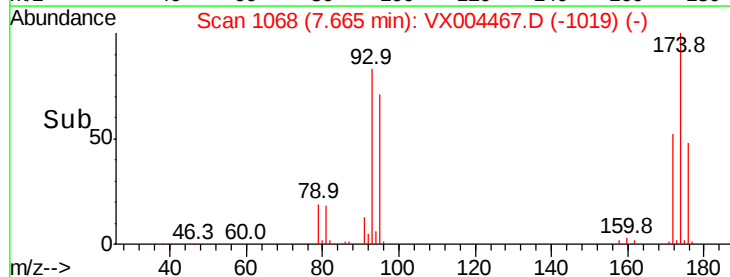
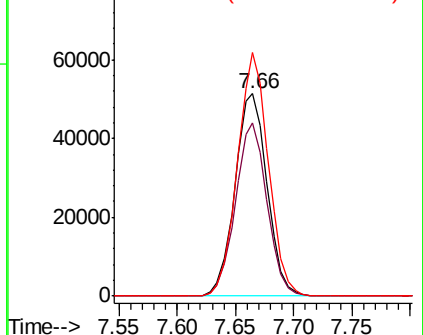
174 115.7 94.2 141.4

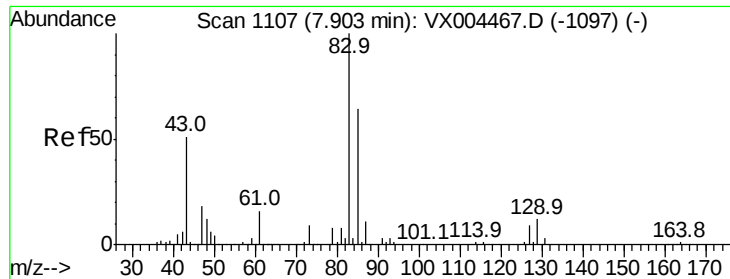


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.451 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

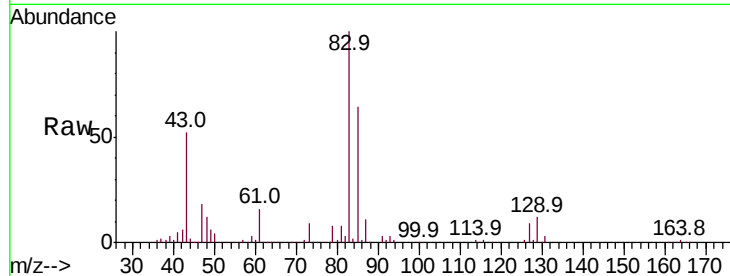
Tot Ion: 83 Resp: 189942

Ion Ratio Lower Upper

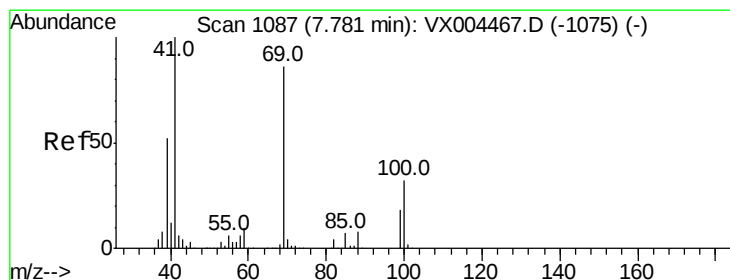
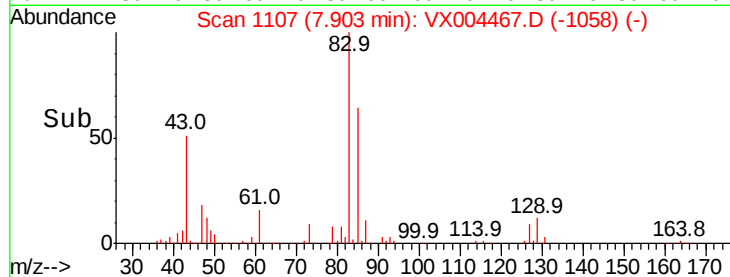
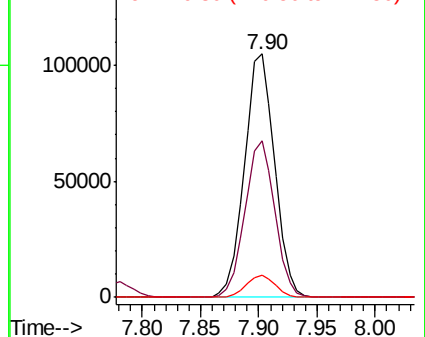
83 100

85 64.4 50.9 76.3

127 8.9 7.3 10.9



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



#48

Methyl methacrylate

Concen: 54.666 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

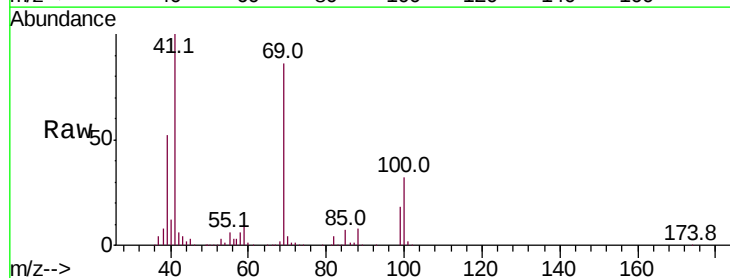
Tgt Ion: 41 Resp: 173512

Ion Ratio Lower Upper

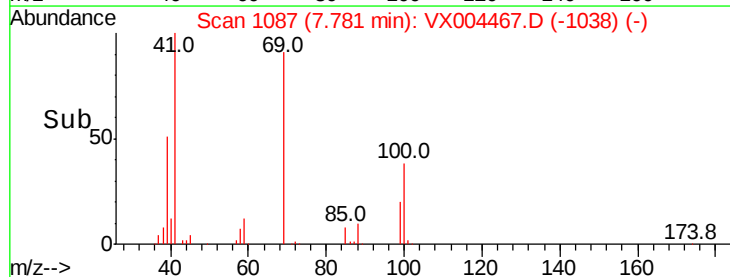
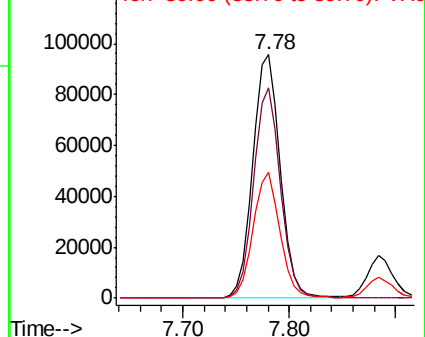
41 100

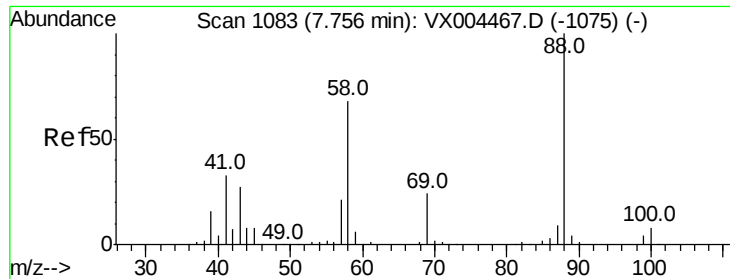
69 85.0 70.2 105.4

39 50.4 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



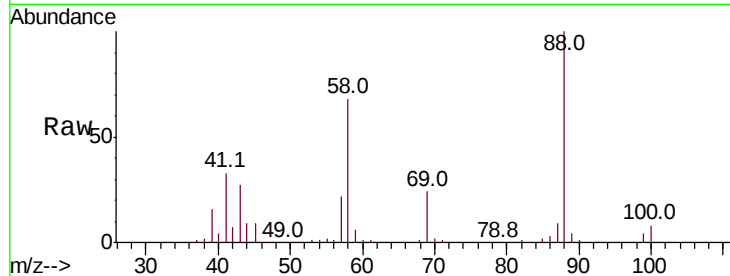


#49
 1,4-Dioxane
 Concen: 1095.640 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

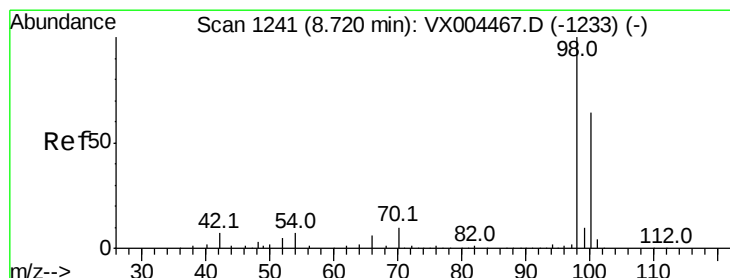
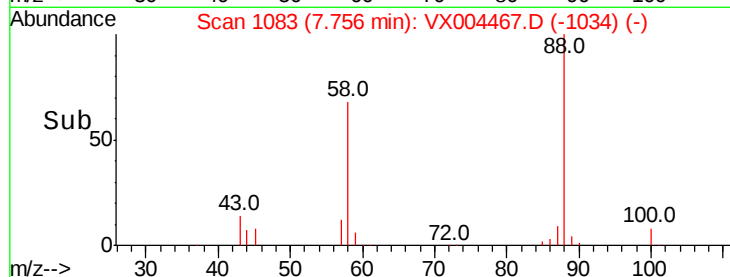
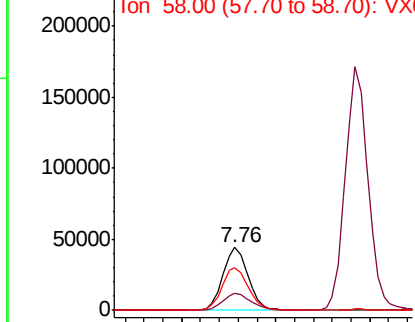
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 88 Resp: 82308

Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.7	37.1
58	71.2	55.3	82.9



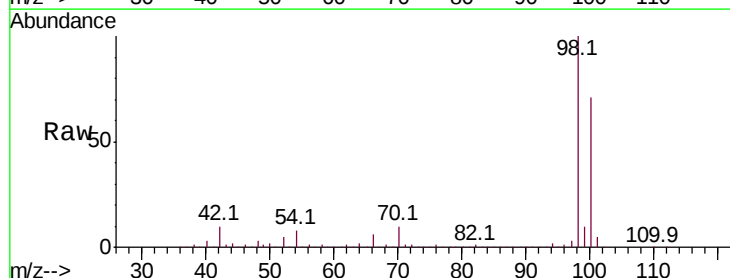
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



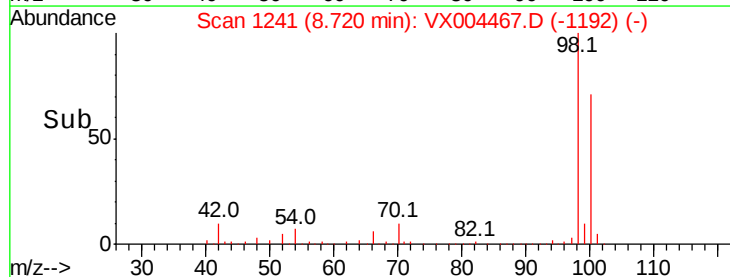
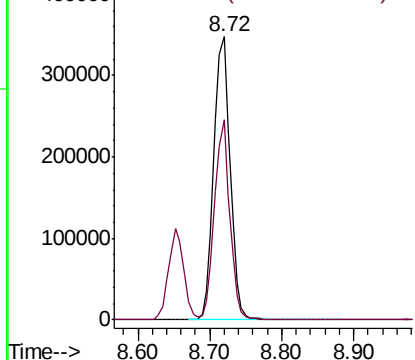
#50
 Toluene-d8
 Concen: 51.061 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

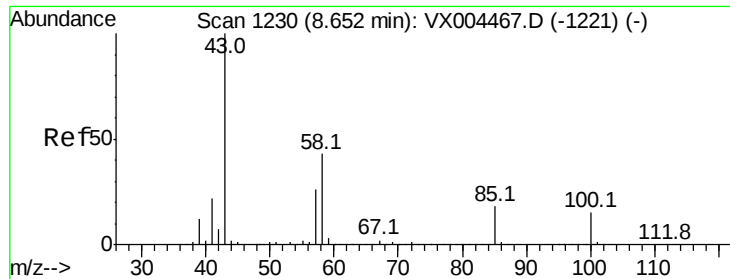
Tgt Ion: 98 Resp: 547972

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3



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

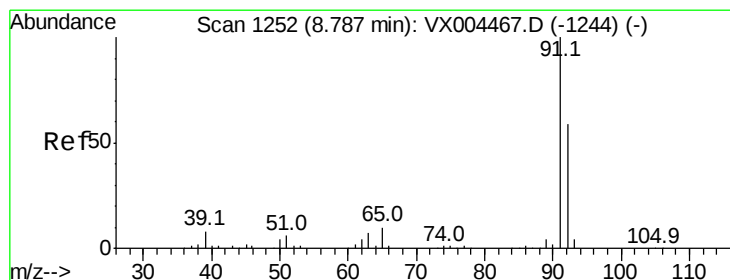
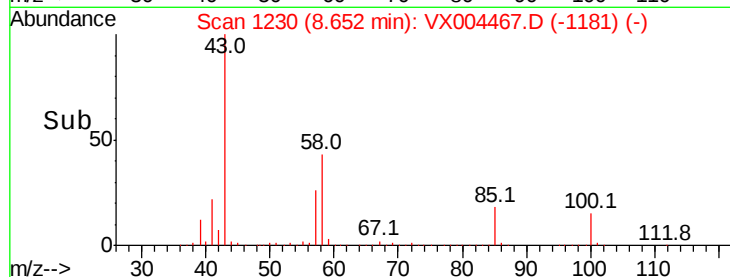
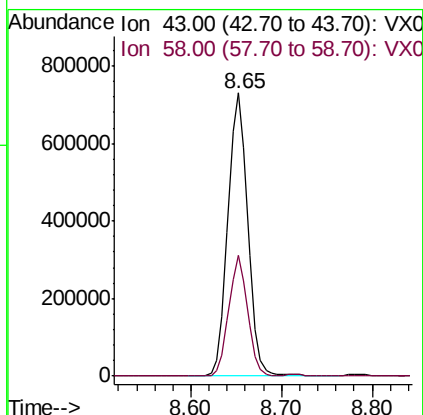
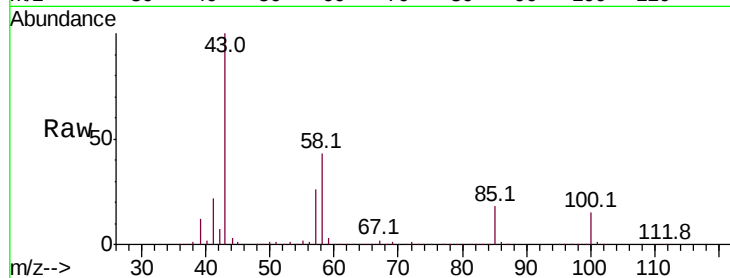




#51
4-Methyl-2-Pentanone
Concen: 246.785 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

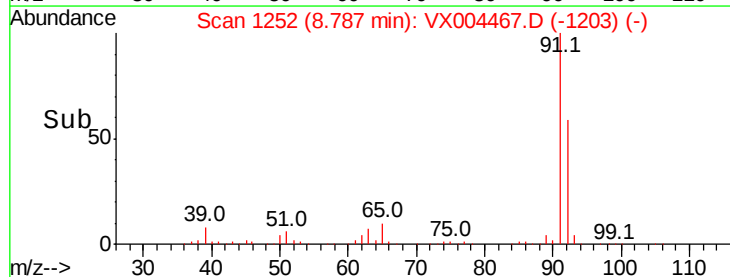
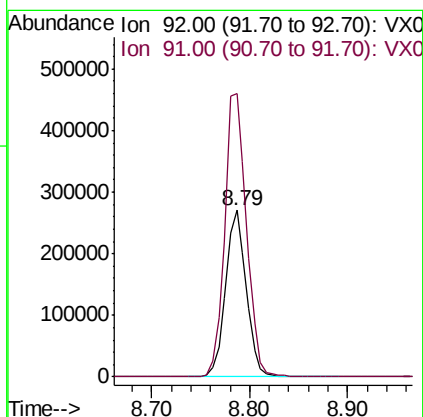
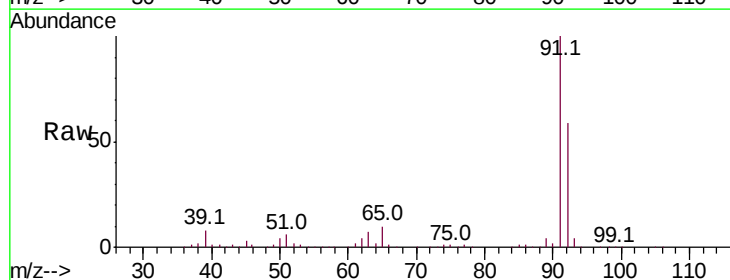
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

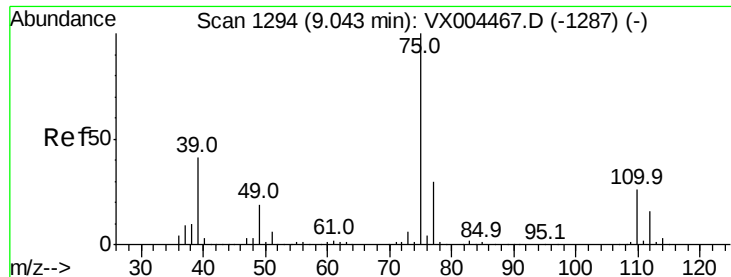
Tot Ion: 43 Resp: 1116957
Ion Ratio Lower Upper
43 100
58 40.3 33.1 49.7



#52
Toluene
Concen: 53.348 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 92 Resp: 395940
Ion Ratio Lower Upper
92 100
91 179.1 136.4 204.6

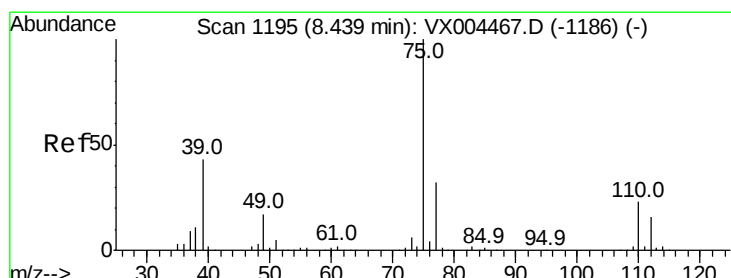
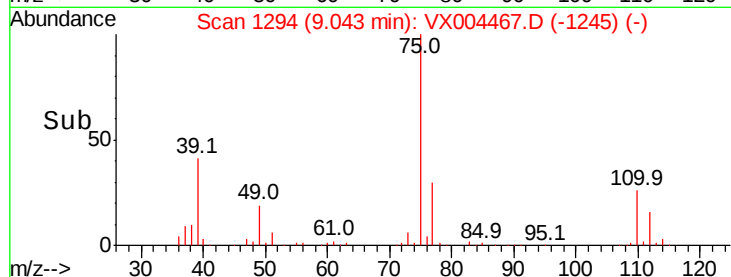
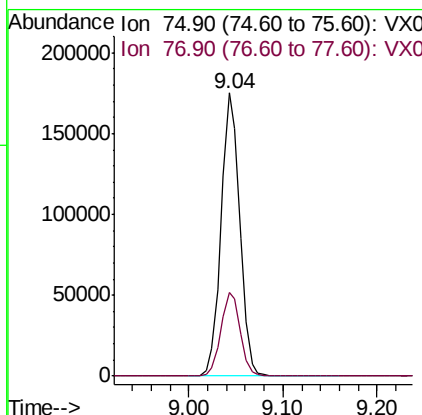
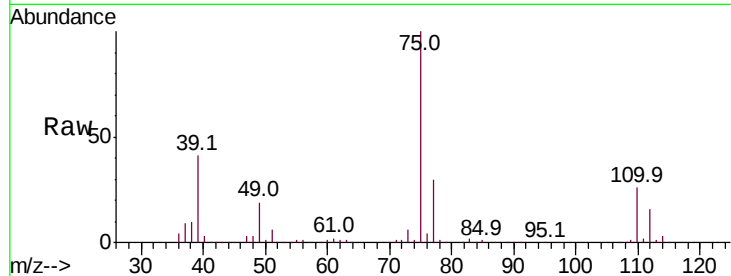




#53
 t-1,3-Dichloropropene
 Concen: 56.869 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

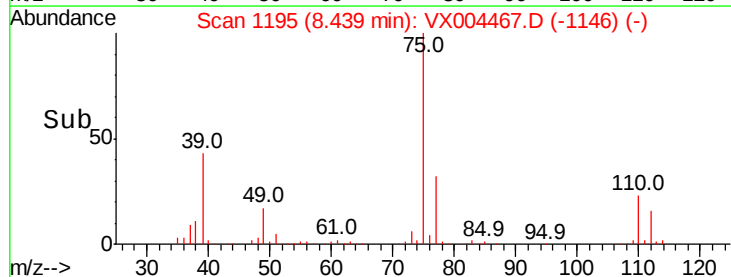
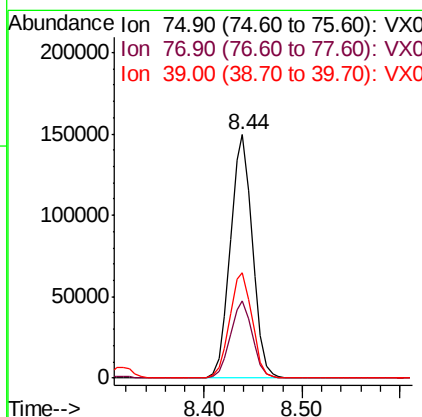
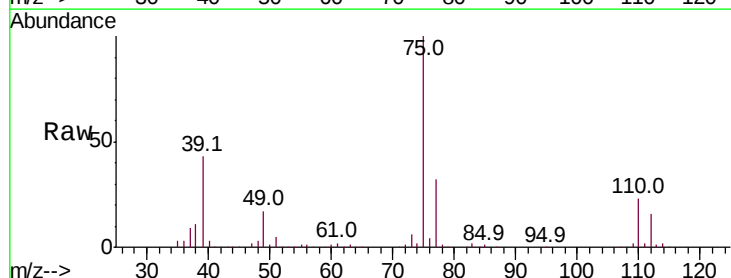
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

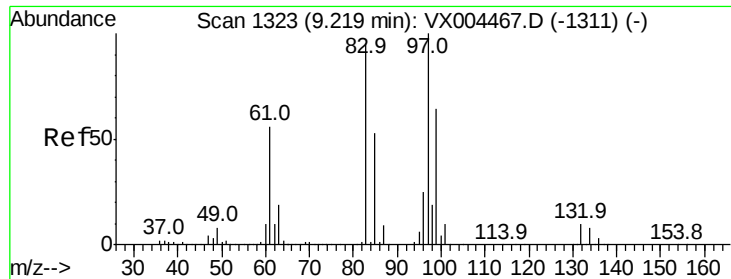
Tot Ion: 75 Resp: 240571
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.153 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion: 75 Resp: 233523
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.2
 39 43.1 36.4 54.6

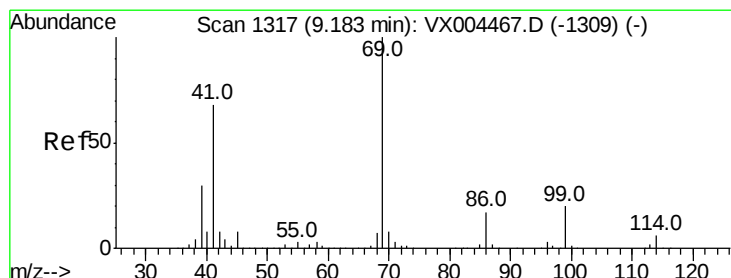
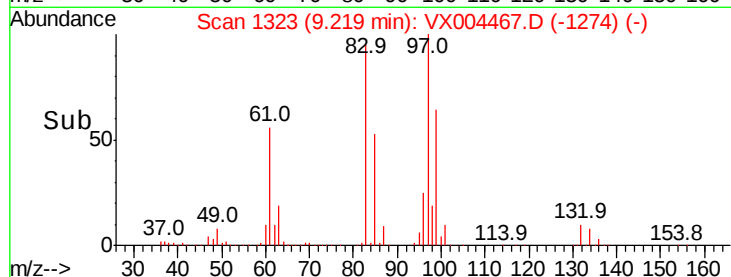
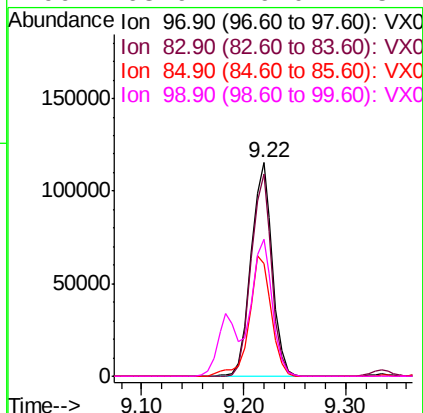
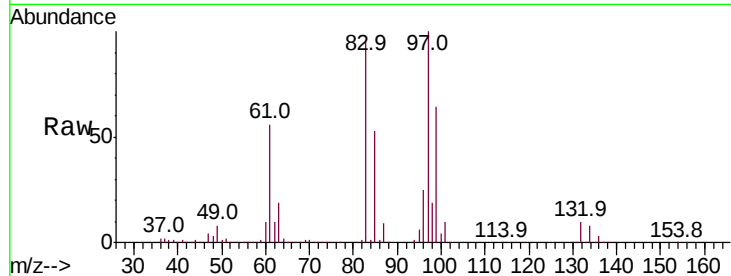




#55
 1,1,2-Trichloroethane
 Concen: 52.626 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

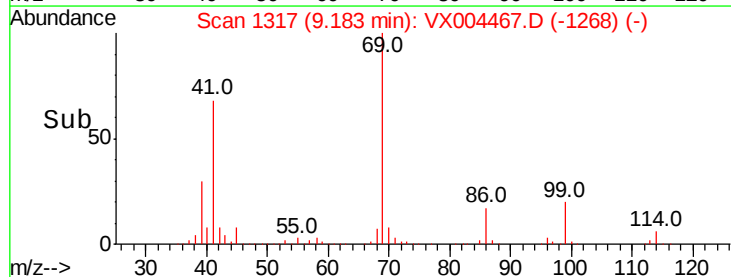
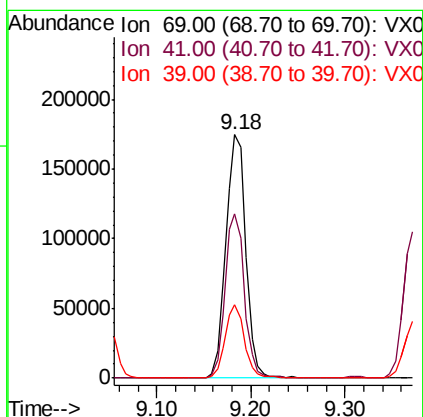
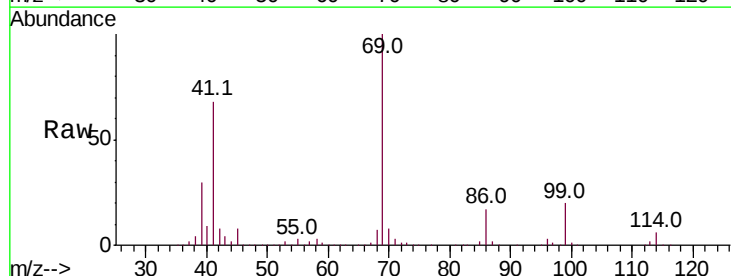
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

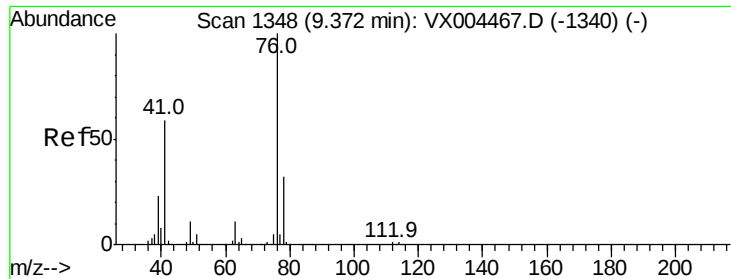
Tot Ion:	97	Resp:	168173
Ion	Ratio	Lower	Upper
97	100		
83	94.5	66.4	99.6
85	52.6	43.3	64.9
99	63.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 56.896 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion:	69	Resp:	257218
Ion	Ratio	Lower	Upper
69	100		
41	65.3	51.0	76.4
39	29.0	26.1	39.1





#57

1,3-Dichloropropane

Concen: 50.449 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

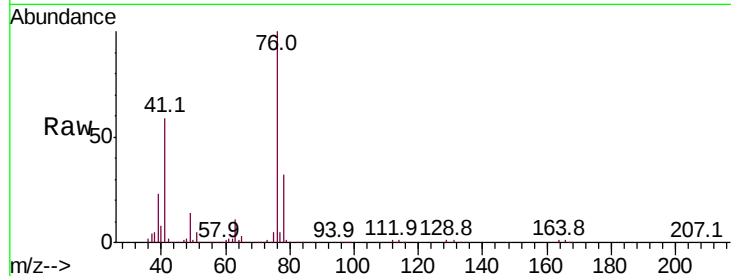
VSTDICCC050

Tot Ion: 76 Resp: 261950

Ion Ratio Lower Upper

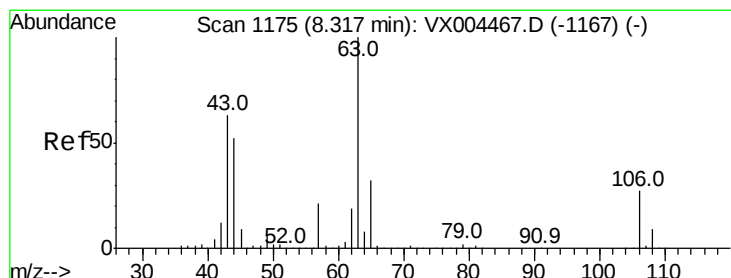
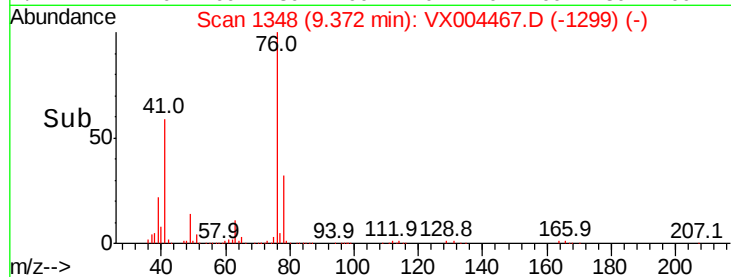
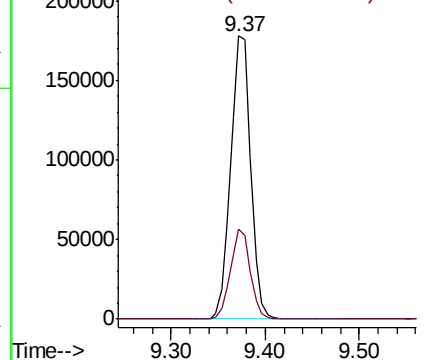
76 100

78 31.3 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: 283.509 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004467.D

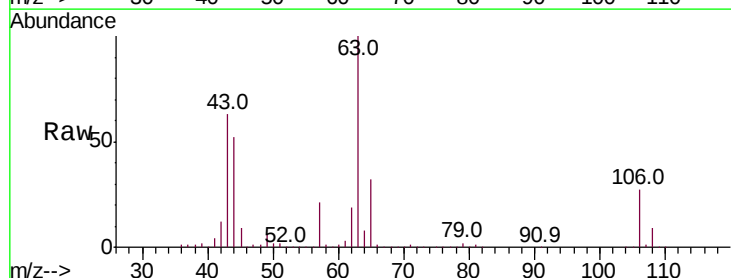
Acq: 11 Sep 2018 13:54

Tgt Ion: 63 Resp: 587997

Ion Ratio Lower Upper

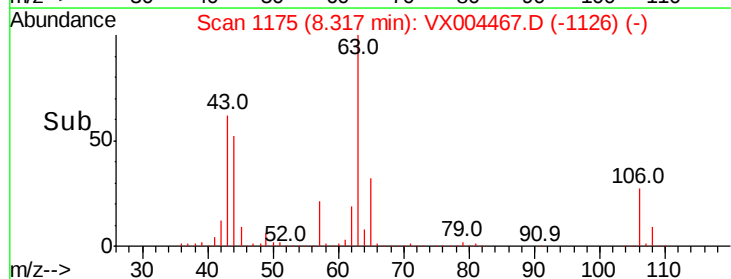
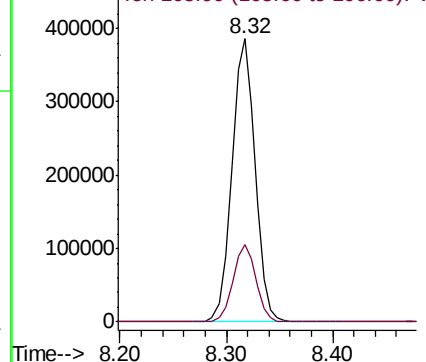
63 100

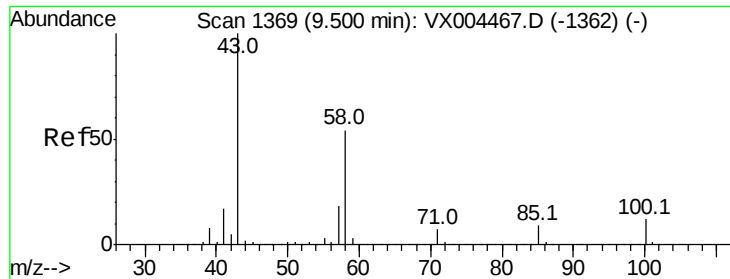
106 27.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

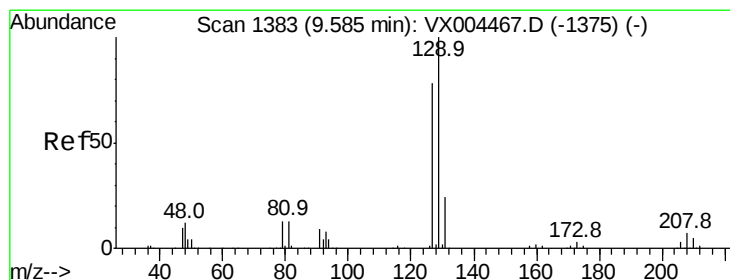
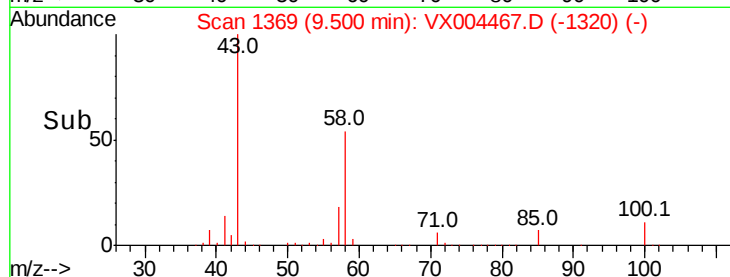
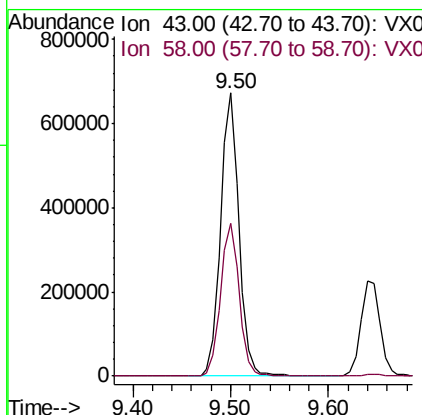
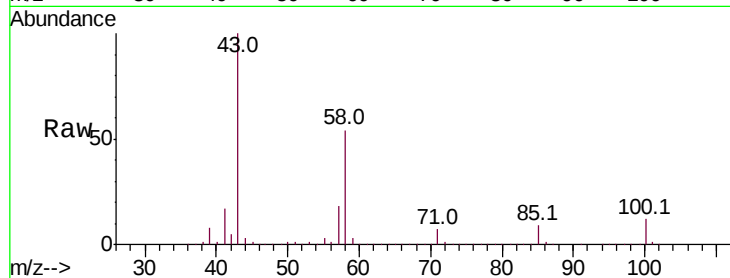




#59
2-Hexanone
Concen: 251.073 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

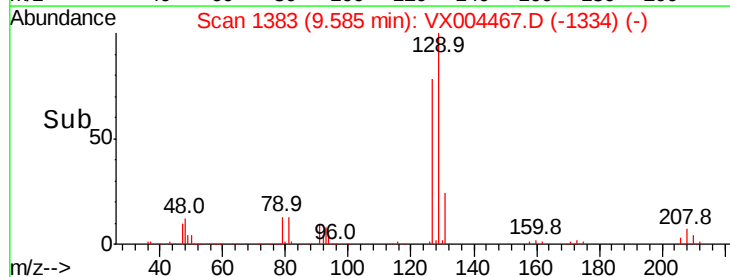
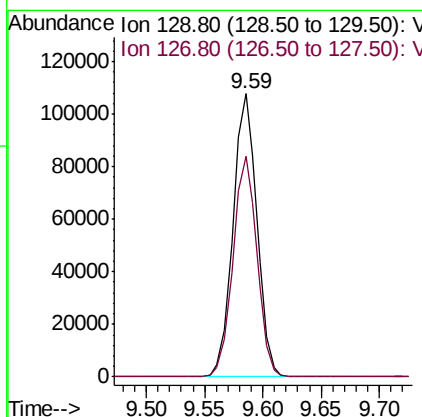
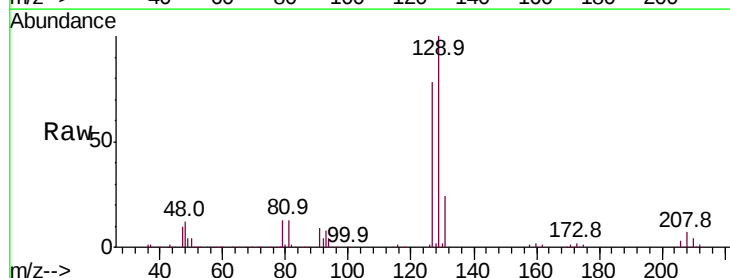
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

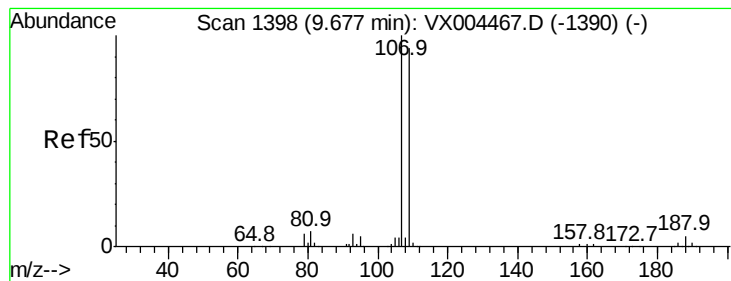
Tot Ion: 43 Resp: 871629
Ion Ratio Lower Upper
43 100
58 55.4 29.0 87.0



#60
Dibromochloromethane
Concen: 51.232 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 129 Resp: 154133
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.249 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

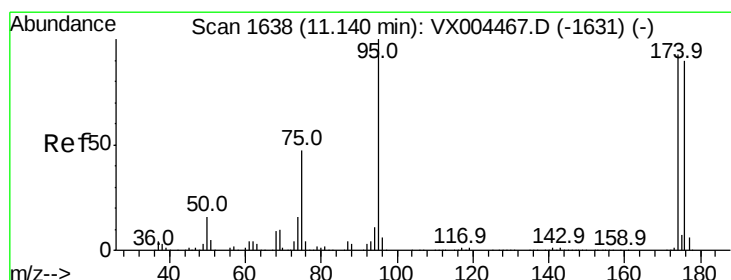
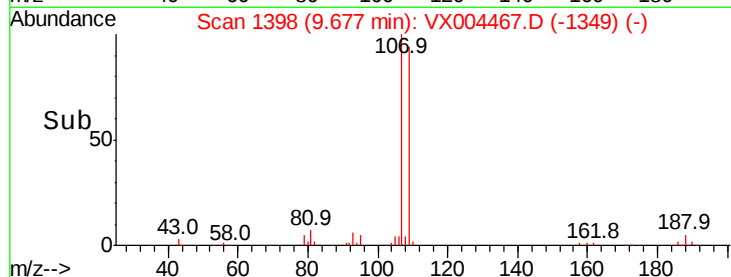
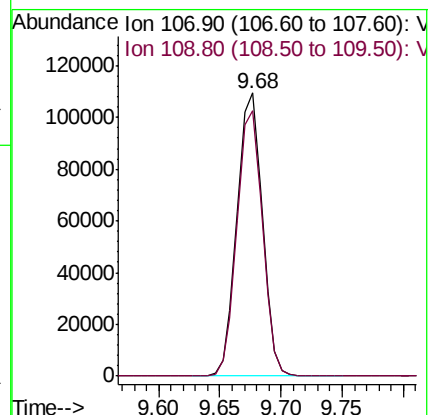
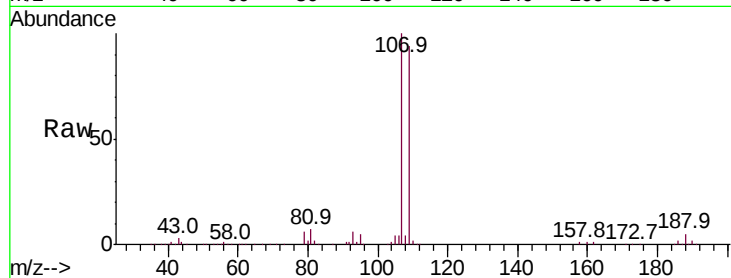
VSTDICCC050

Tot Ion: 107 Resp: 156450

Ion Ratio Lower Upper

107 100

109 94.7 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 50.110 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

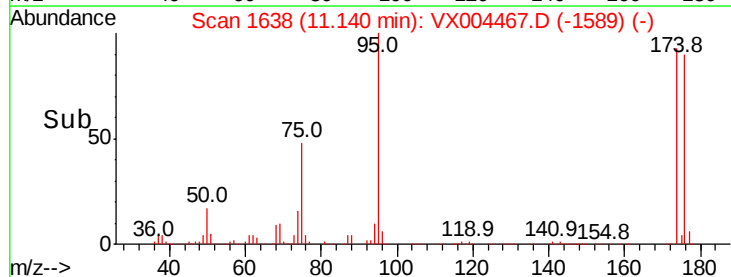
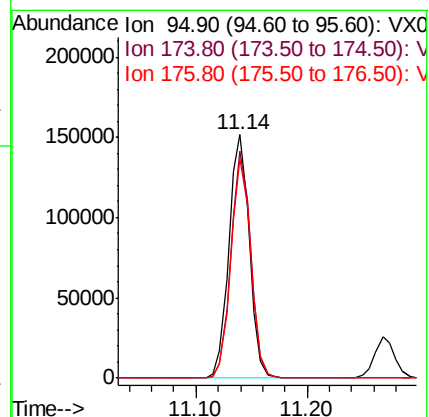
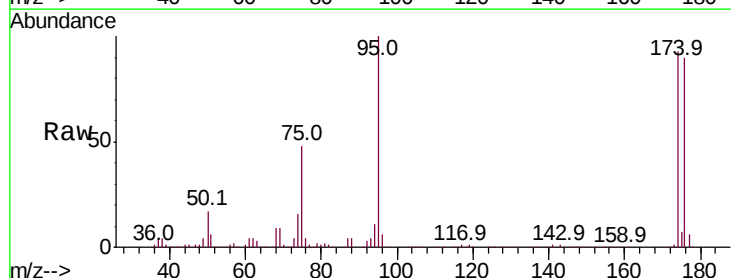
Tgt Ion: 95 Resp: 191961

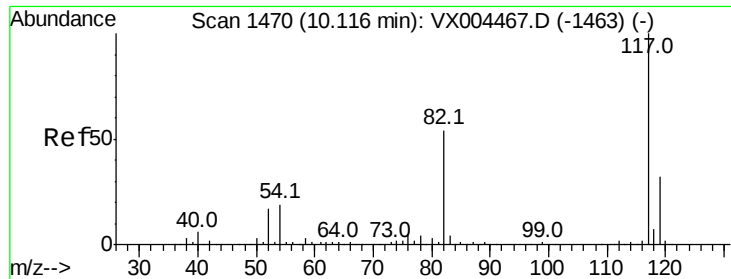
Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

176 88.1 0.0 178.6

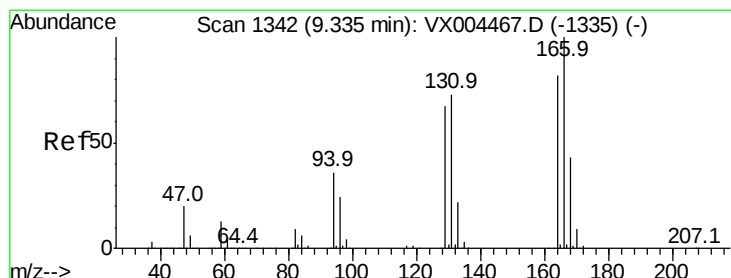
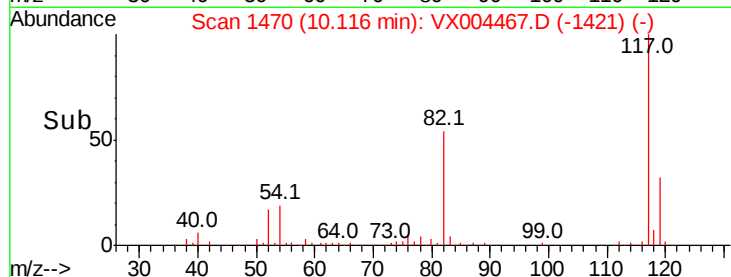
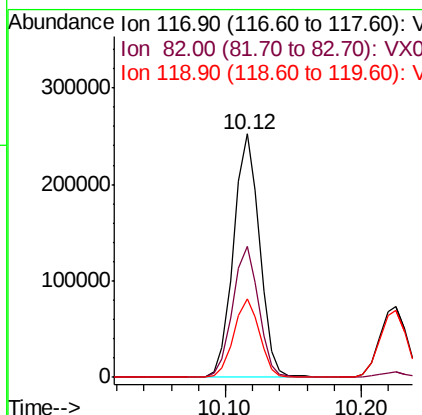
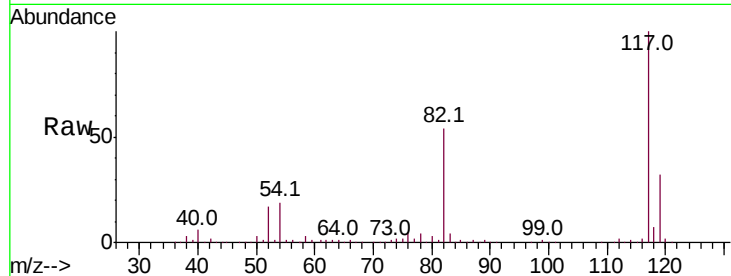




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

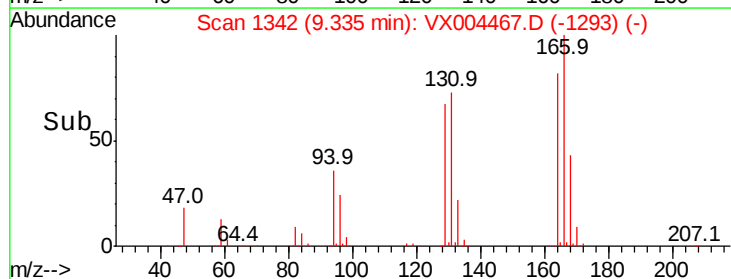
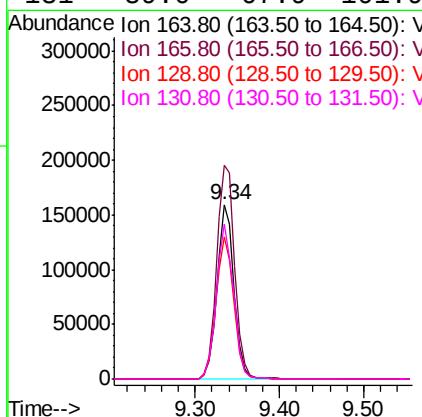
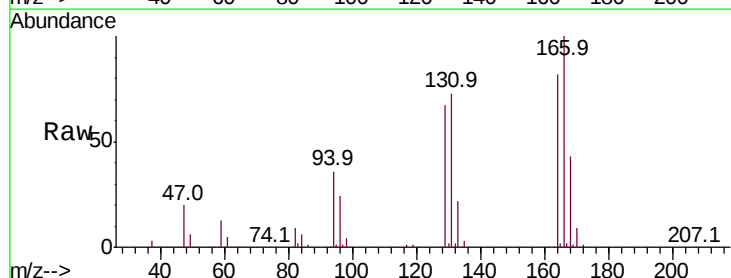
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

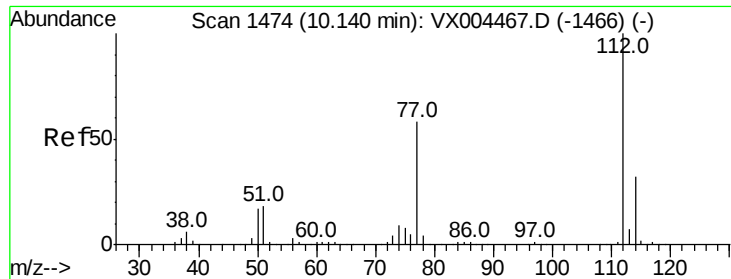
Tot Ion:117 Resp: 335116
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 32.5 29.3 43.9



#64
Tetrachloroethene
Concen: 52.916 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion:164 Resp: 221400
Ion Ratio Lower Upper
164 100
166 122.6 102.8 154.2
129 81.9 69.4 104.0
131 89.0 67.9 101.9

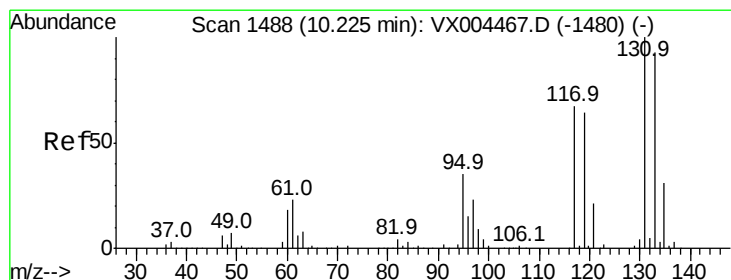
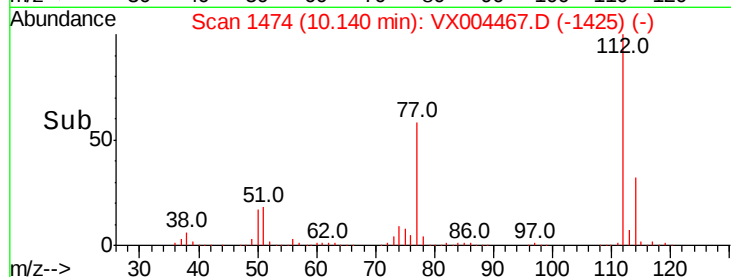
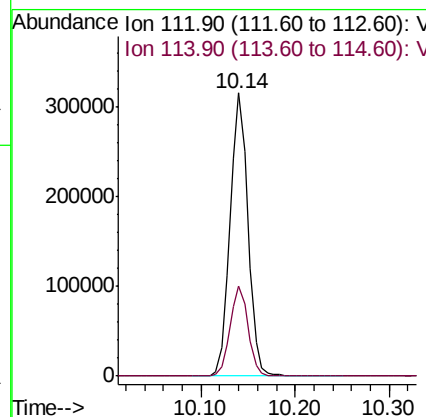
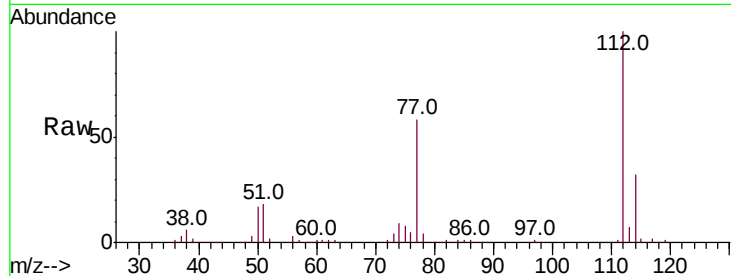




#65
Chlorobenzene
Concen: 49.982 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

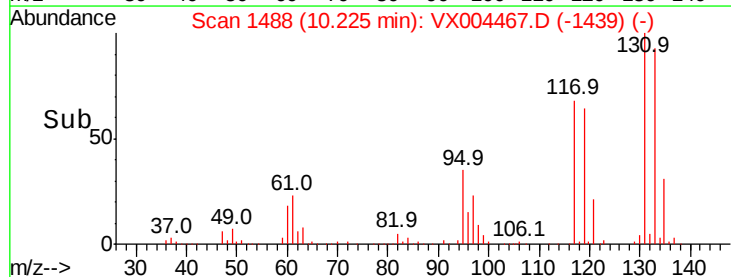
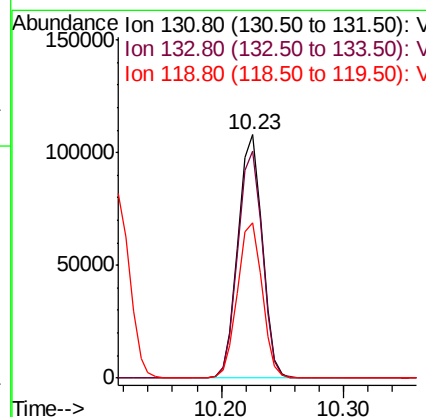
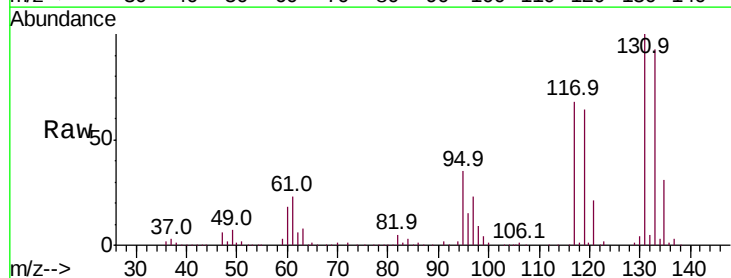
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

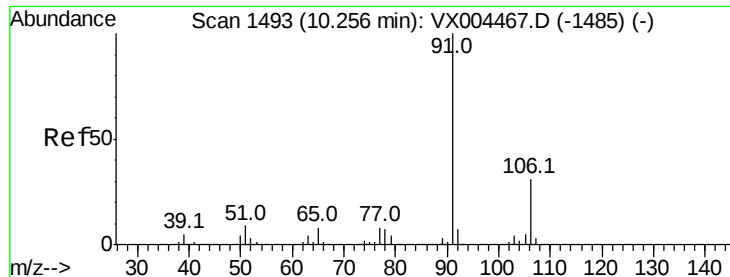
Tot Ion:112 Resp: 416050
Ion Ratio Lower Upper
112 100
114 31.8 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.244 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion:131 Resp: 147098
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.4
119 65.4 32.9 98.6

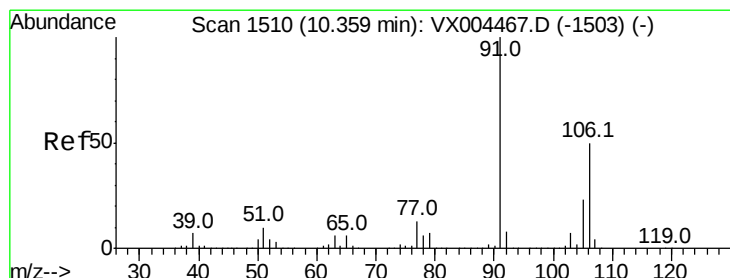
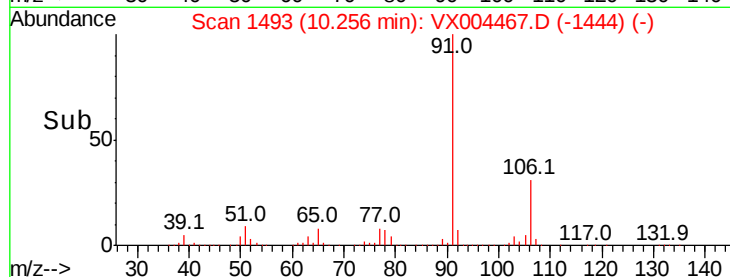
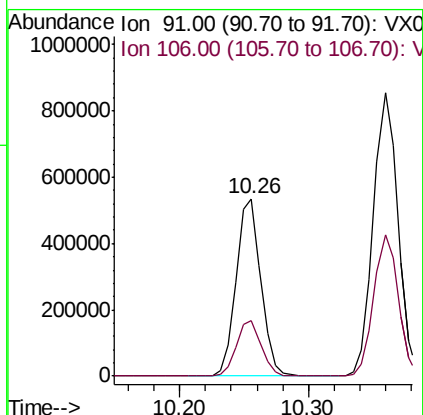
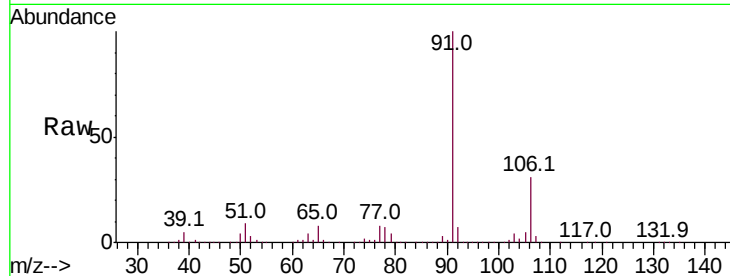




#67
Ethyl Benzene
Concen: 52.771 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

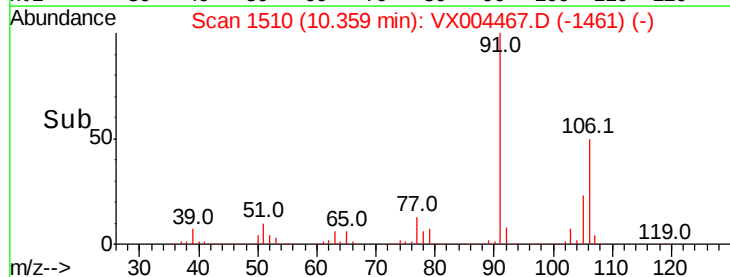
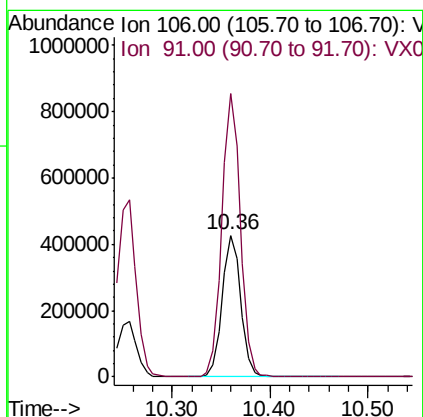
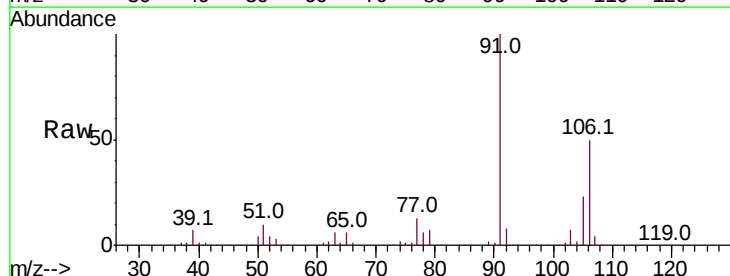
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

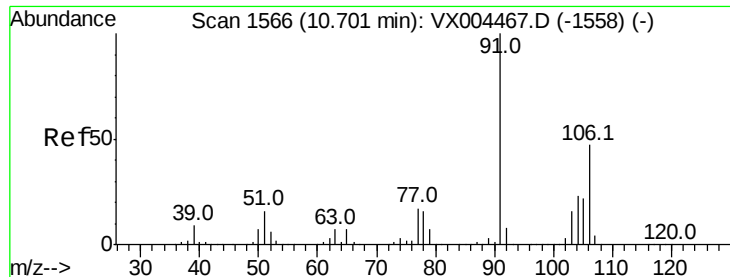
Tot Ion: 91 Resp: 714270
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9



#68
m/p-Xylenes
Concen: 107.984 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 106 Resp: 563005
Ion Ratio Lower Upper
106 100
91 200.0 157.1 235.7

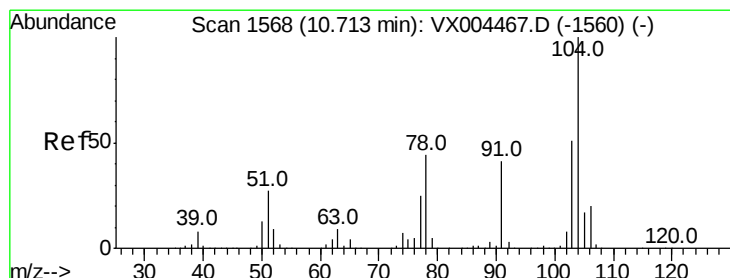
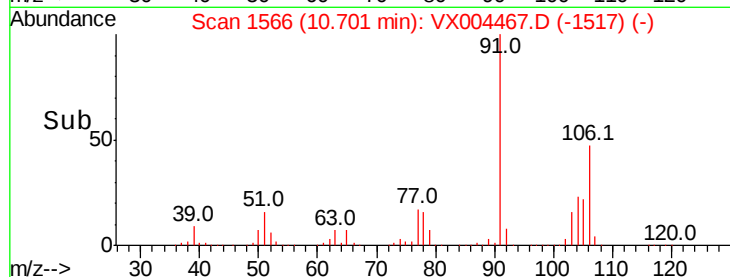
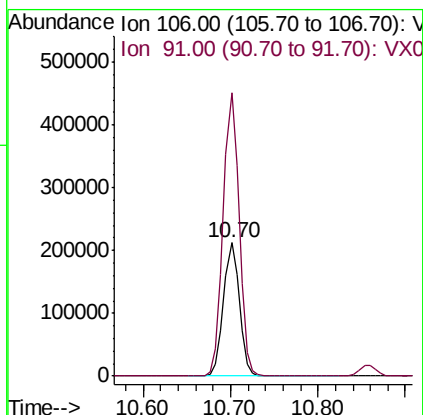
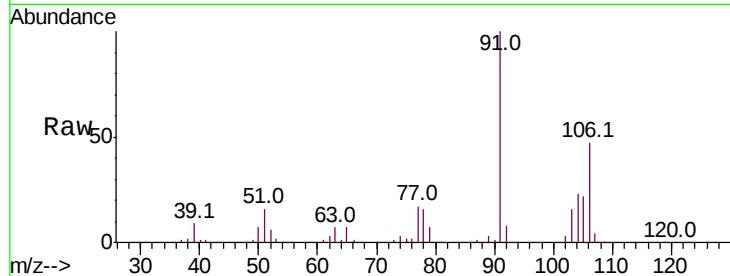




#69
o-Xylene
Concen: 53.220 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

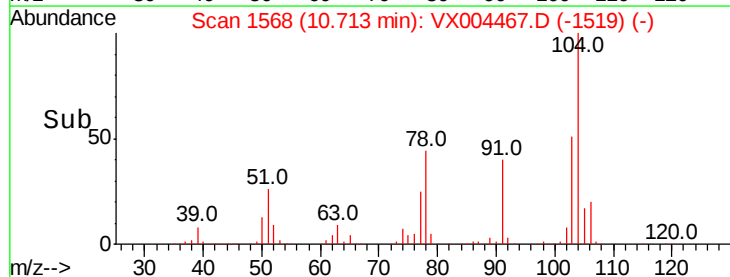
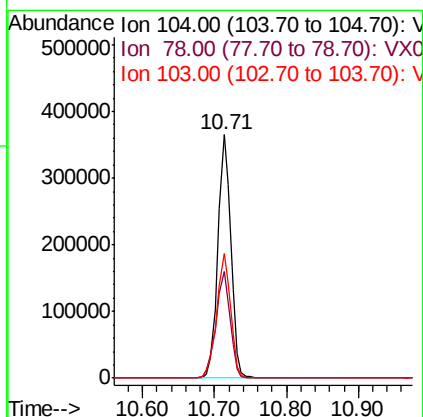
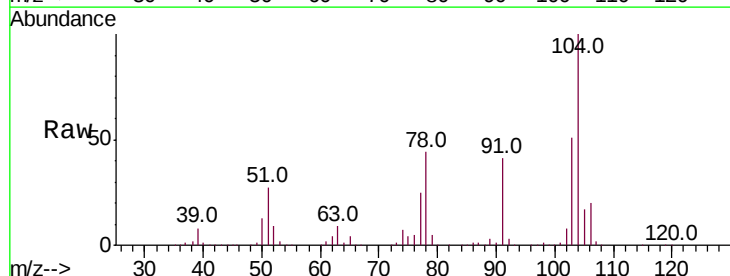
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

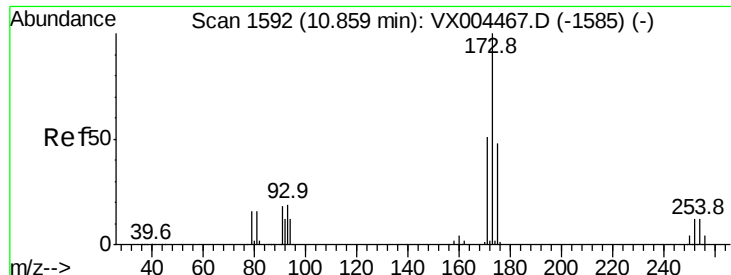
Tot Ion:106 Resp: 266762
Ion Ratio Lower Upper
106 100
91 213.7 105.1 315.1



#70
Styrene
Concen: 54.704 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion:104 Resp: 454274
Ion Ratio Lower Upper
104 100
78 48.2 37.4 56.0
103 55.3 43.8 65.6





#71

Bromoform

Concen: 51.694 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

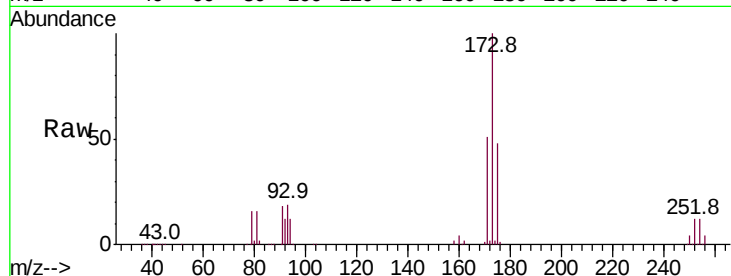
Tot Ion:173 Resp: 121841

Ion Ratio Lower Upper

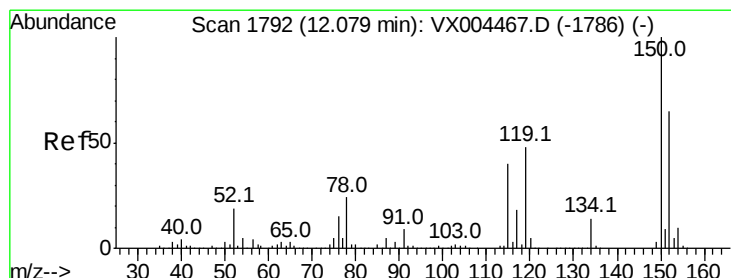
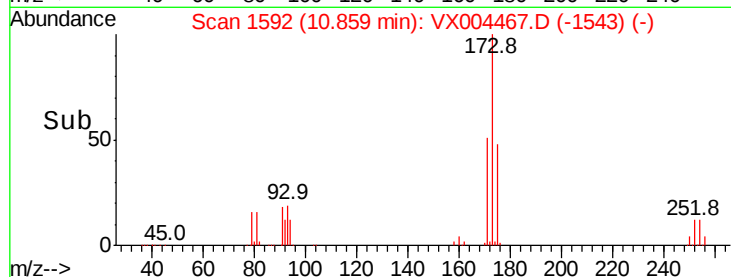
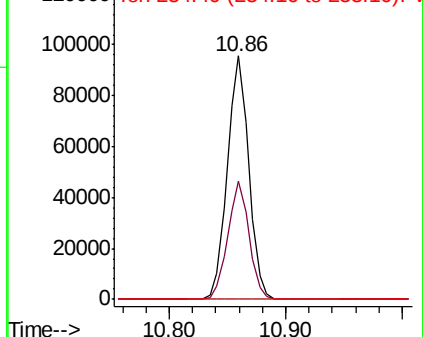
173 100

175 48.0 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

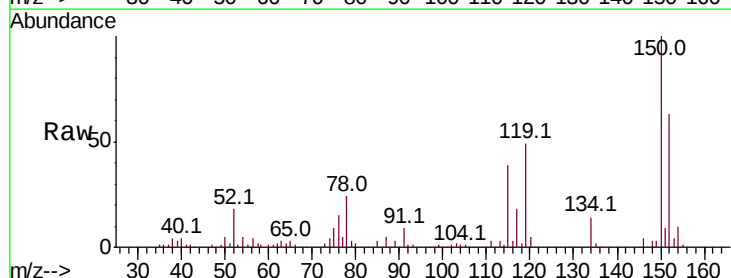
Tgt Ion:152 Resp: 205845

Ion Ratio Lower Upper

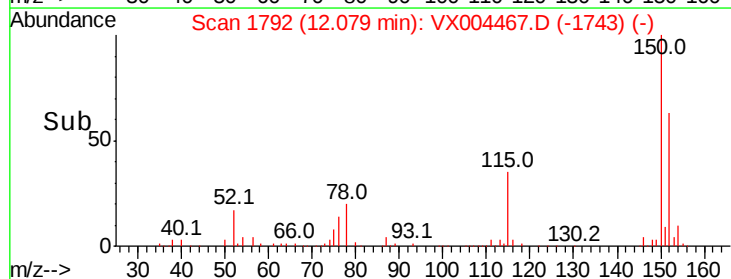
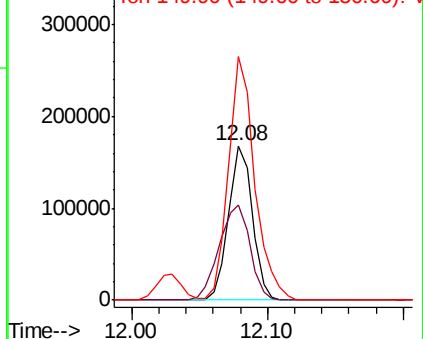
152 100

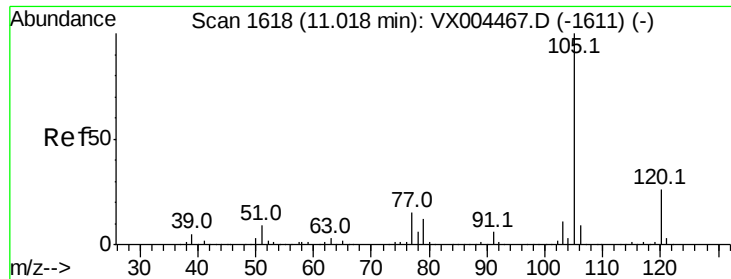
115 78.8 39.0 117.0

150 172.7 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

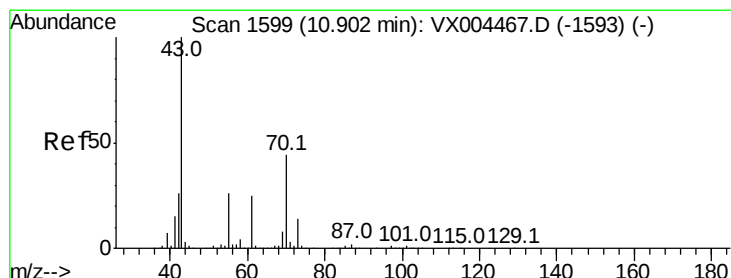
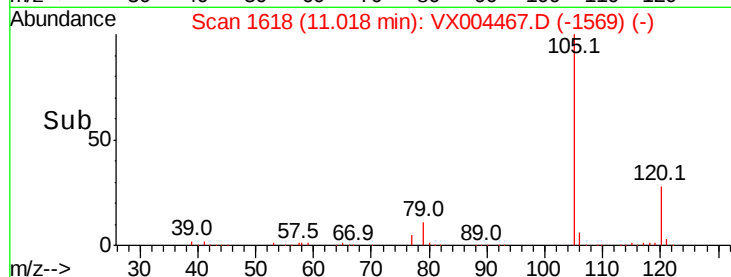
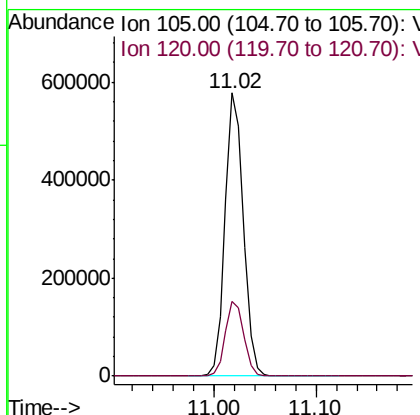
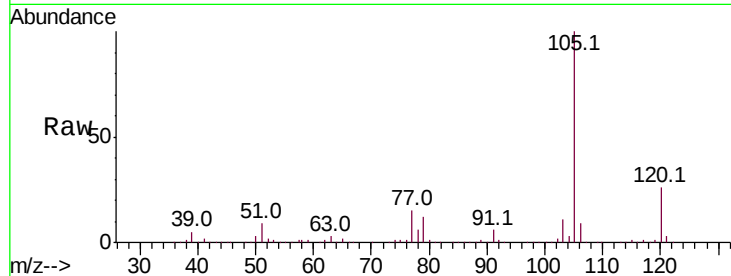




#73
Isopropylbenzene
Concen: 53.168 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

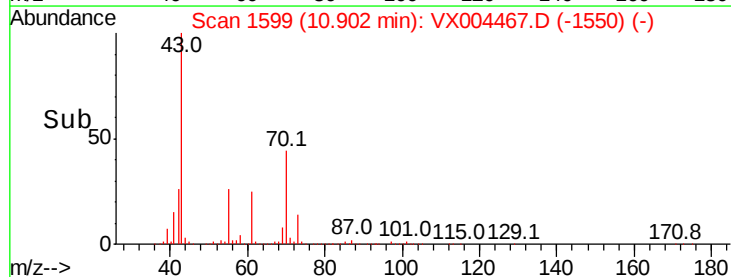
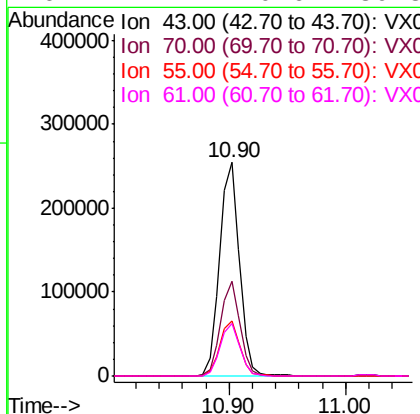
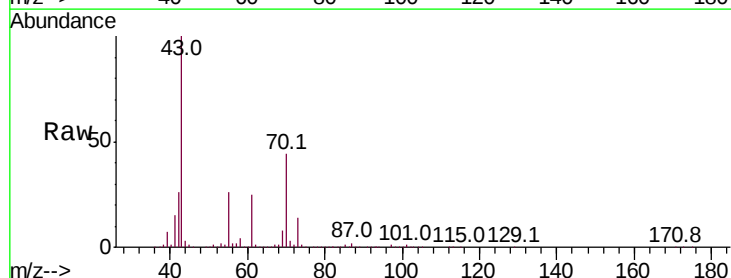
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

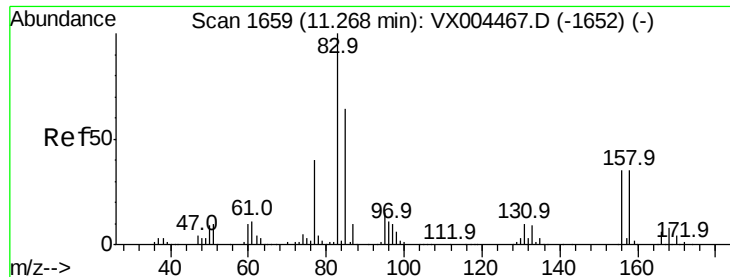
Tot Ion:105 Resp: 720782
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 52.171 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 43 Resp: 297690
Ion Ratio Lower Upper
43 100
70 43.6 37.4 56.0
55 26.5 21.8 32.8
61 24.7 20.6 30.8

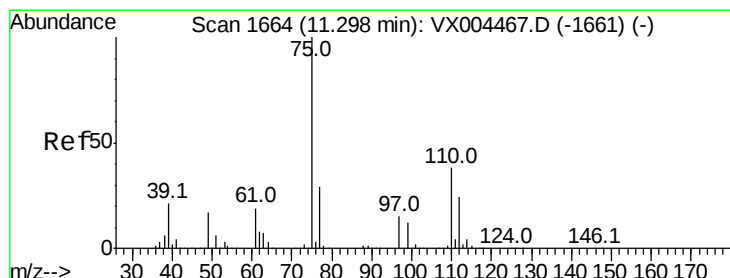
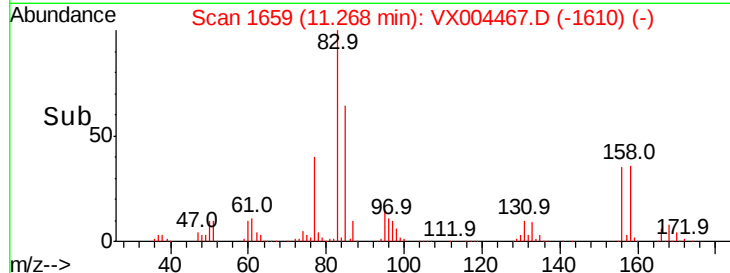
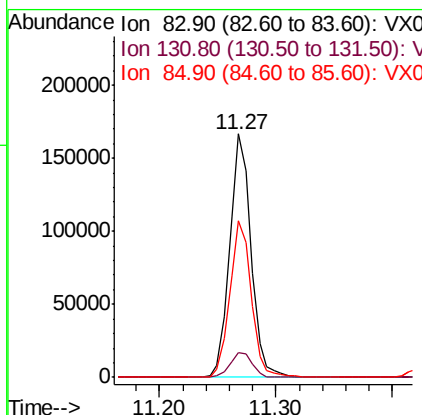
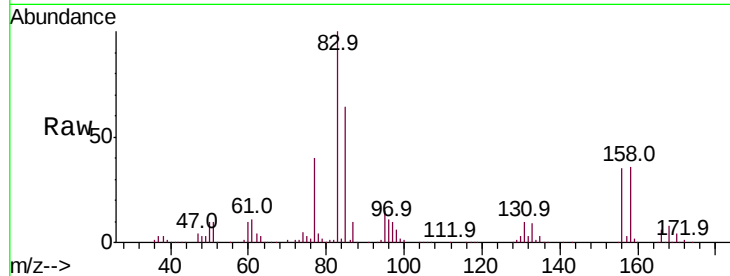




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.593 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

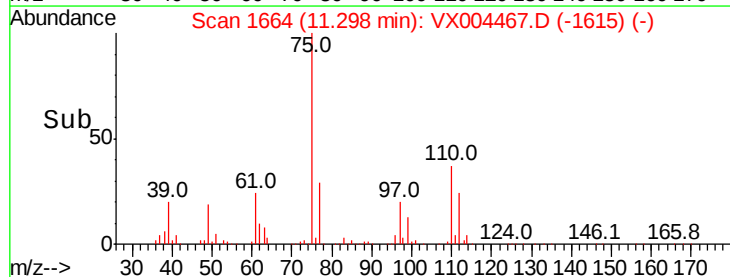
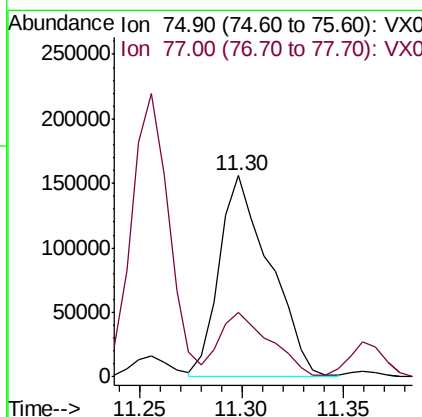
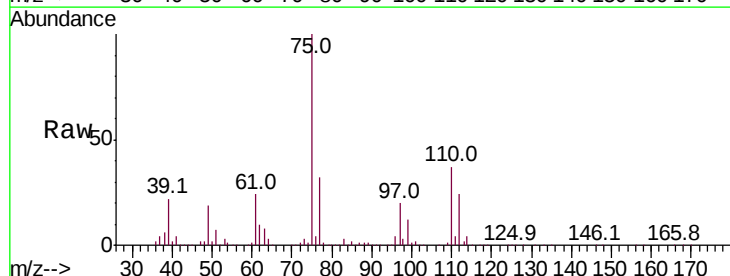
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

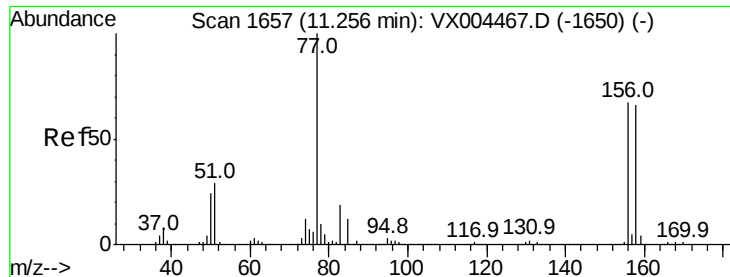
Tot Ion	83	Resp	212488
Ion Ratio	100		
Lower	5.2		
Upper	15.6		
85	65.0	32.3	96.8



#76
 1,2,3-Trichloropropane
 Concen: 66.814 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	75	Resp	268734
Ion Ratio	100		
Lower	20.2		
Upper	60.6		
77	32.0		





#77

Bromobenzene

Concen: 50.390 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

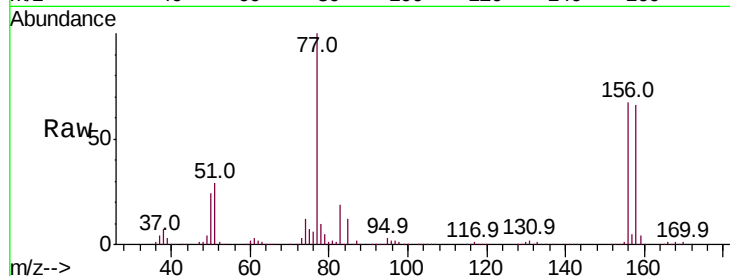
Tot Ion:156 Resp: 188817

Ion Ratio Lower Upper

156 100

77 148.2 71.5 214.3

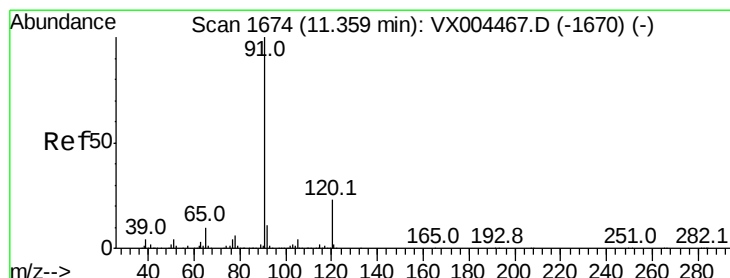
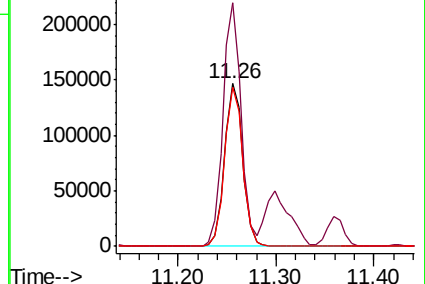
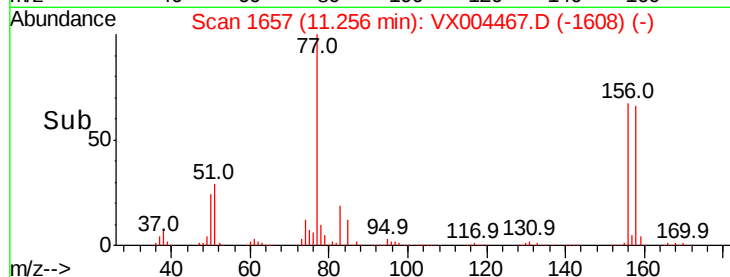
158 97.9 48.9 146.8



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: 53.486 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004467.D

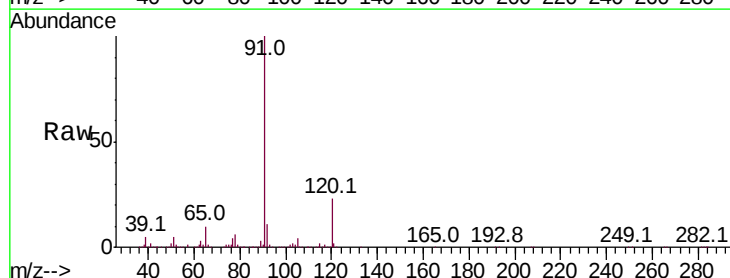
Acq: 11 Sep 2018 13:54

Tgt Ion: 91 Resp: 833719

Ion Ratio Lower Upper

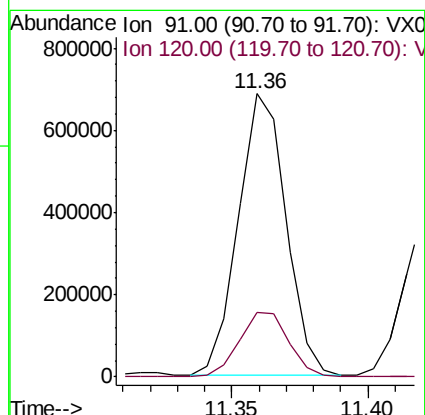
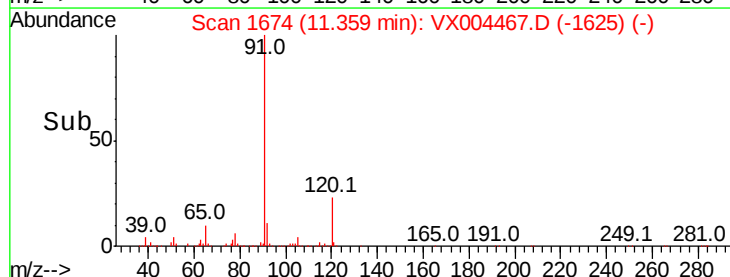
91 100

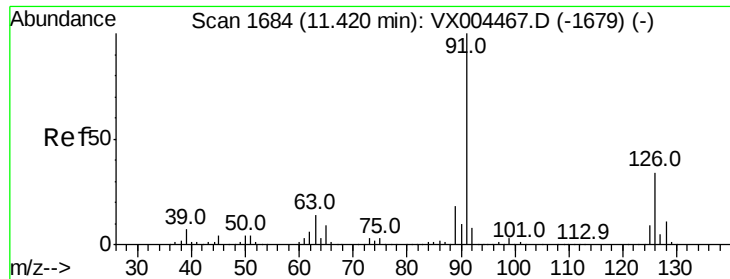
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

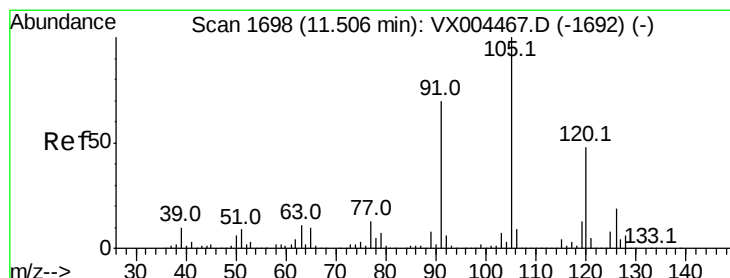
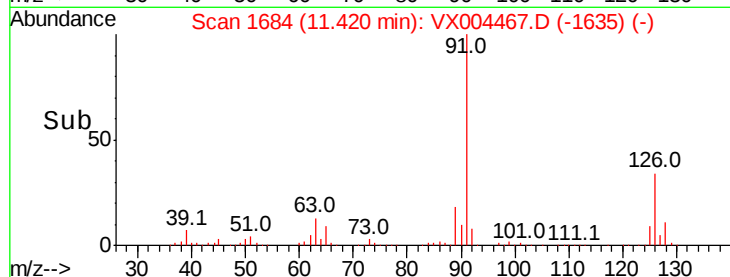
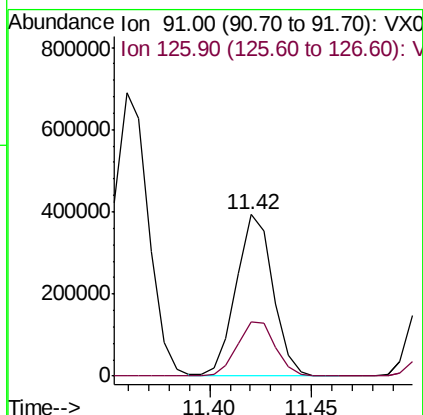
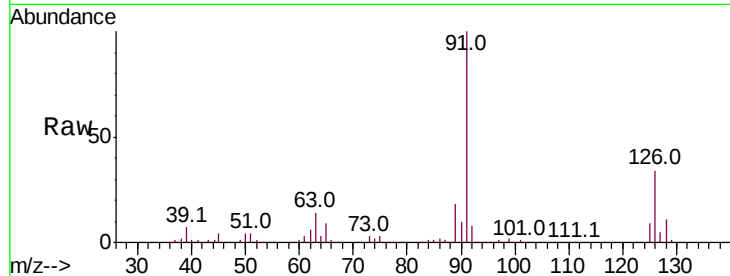




#79
 2-Chlorotoluene
 Concen: 51.818 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

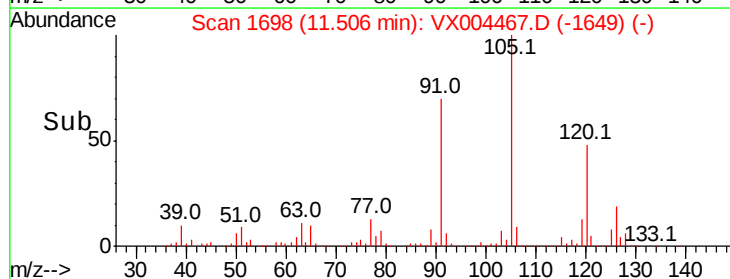
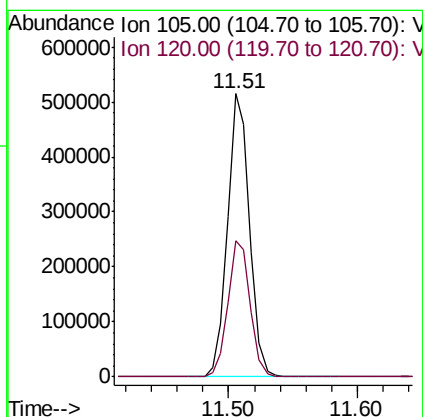
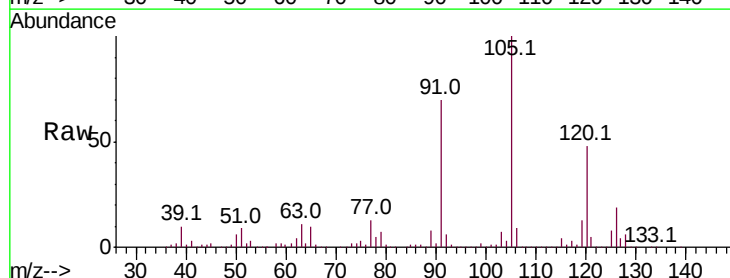
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

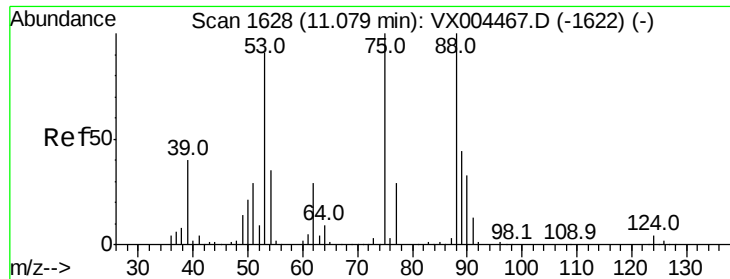
Tot Ion: 91 Resp: 489875
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.960 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion: 105 Resp: 614959
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.858 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

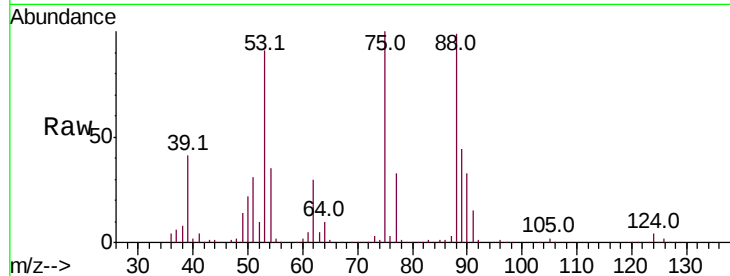
Tot Ion: 75 Resp: 68677

Ion Ratio Lower Upper

75 100

53 96.3 80.1 120.1

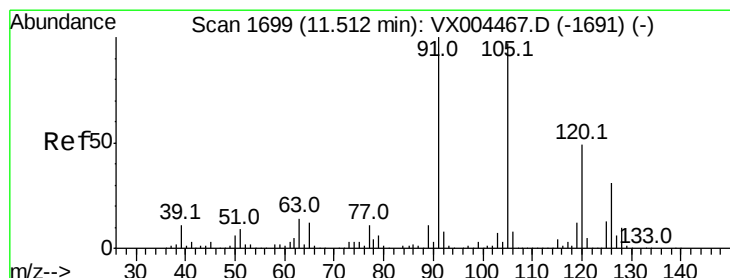
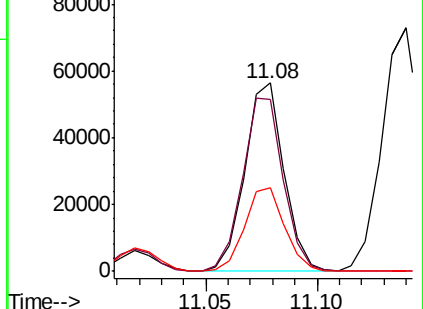
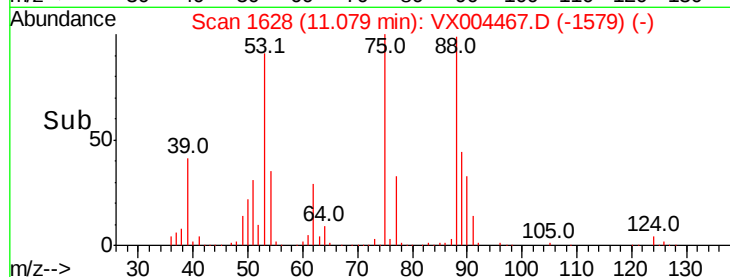
89 45.7 37.2 55.8



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: 52.628 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004467.D

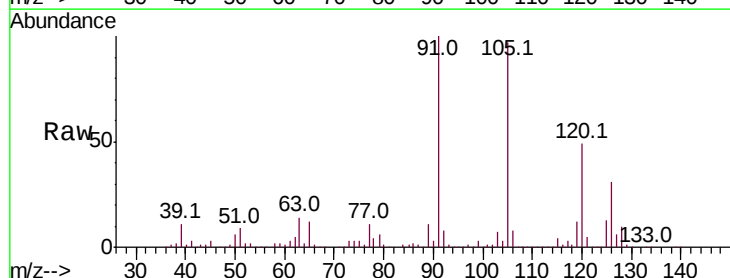
Acq: 11 Sep 2018 13:54

Tgt Ion: 91 Resp: 580689

Ion Ratio Lower Upper

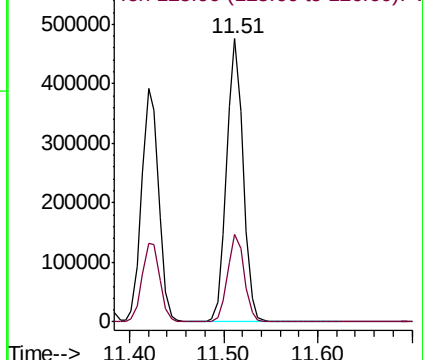
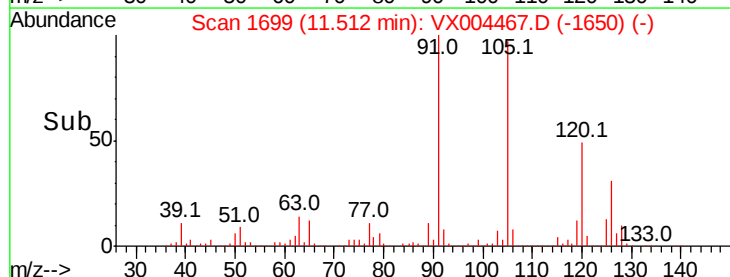
91 100

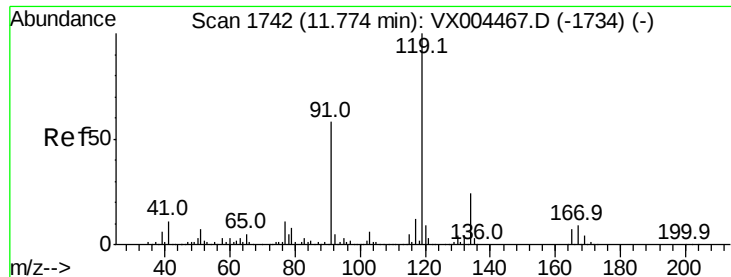
126 31.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.972 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

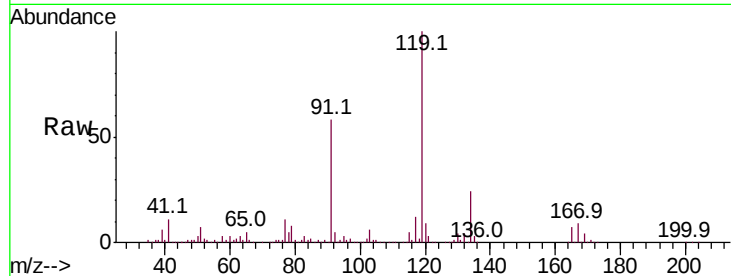
Tot Ion:119 Resp: 574743

Ion Ratio Lower Upper

119 100

91 57.6 27.0 81.0

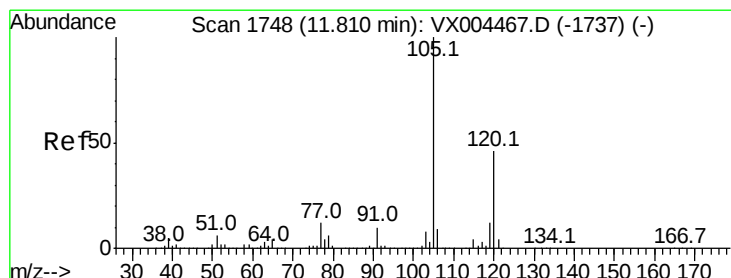
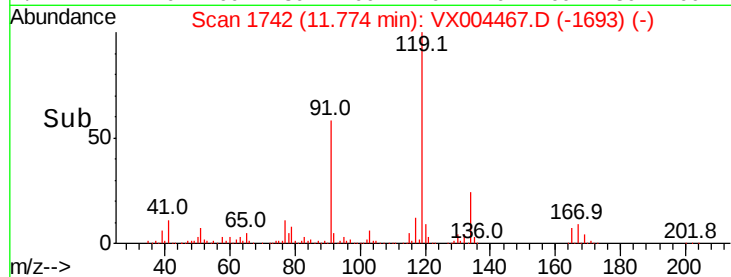
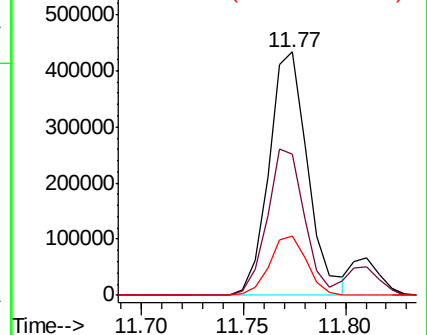
134 23.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.398 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004467.D

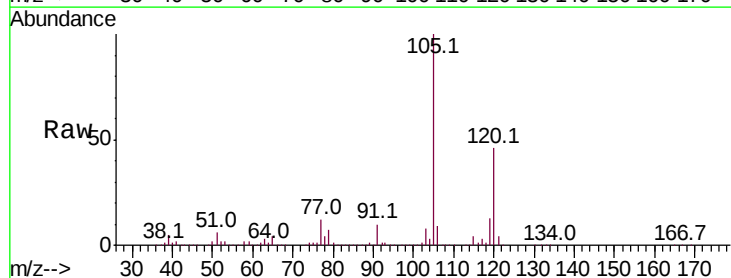
Acq: 11 Sep 2018 13:54

Tgt Ion:105 Resp: 632966

Ion Ratio Lower Upper

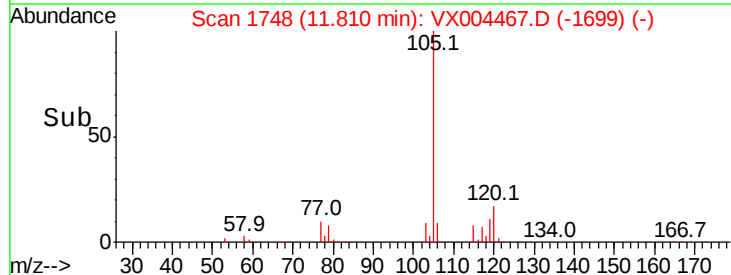
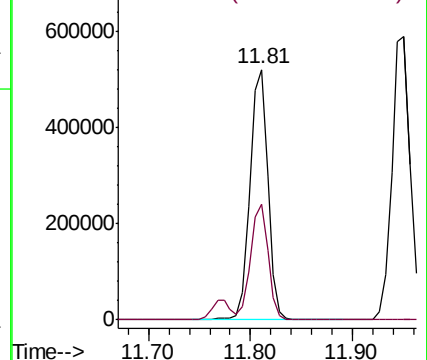
105 100

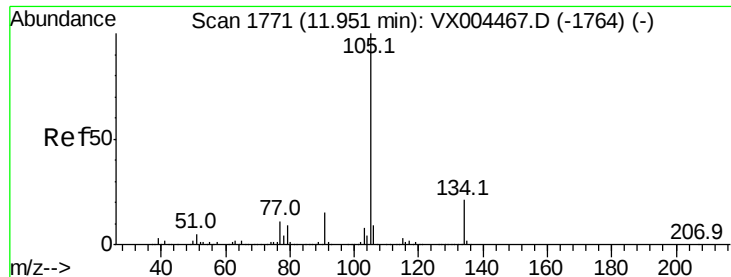
120 45.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.845 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

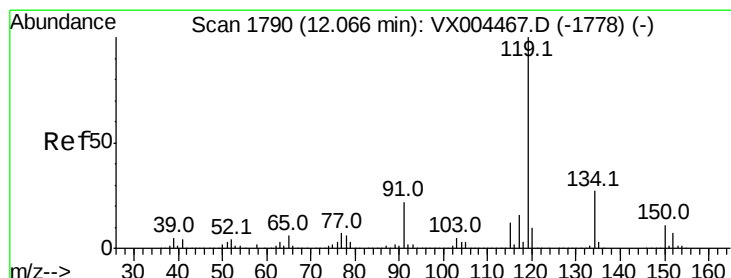
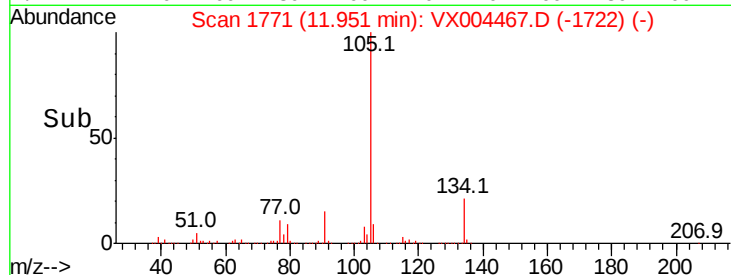
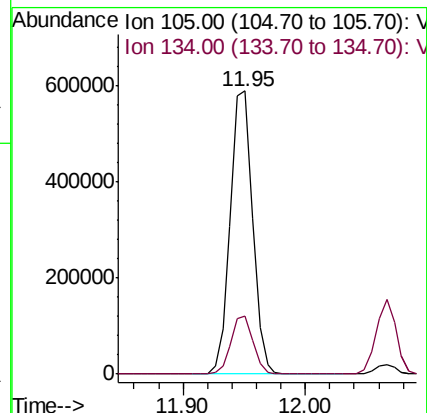
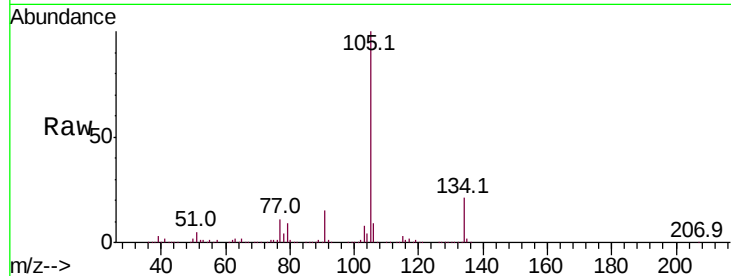
VSTDICCC050

Tot Ion:105 Resp: 744480

Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.5



#86

p-Isopropyltoluene

Concen: 54.322 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

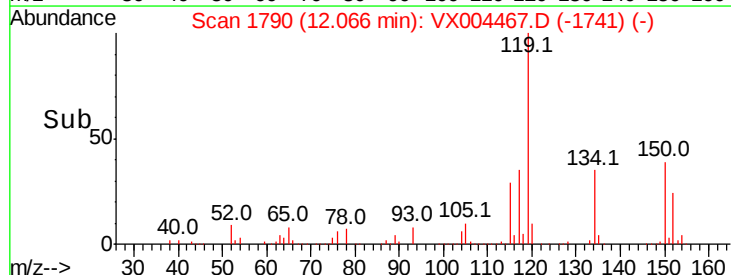
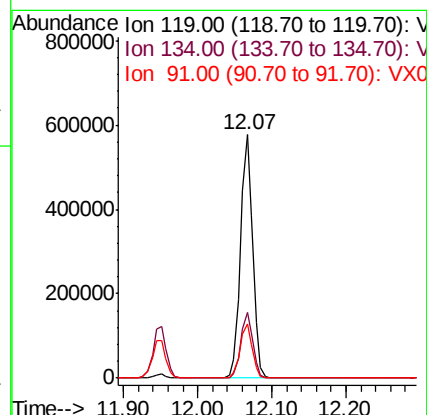
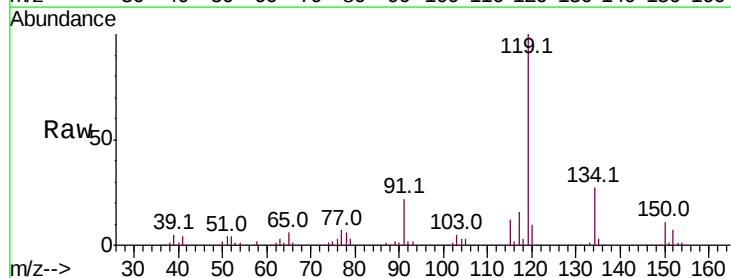
Tgt Ion:119 Resp: 663251

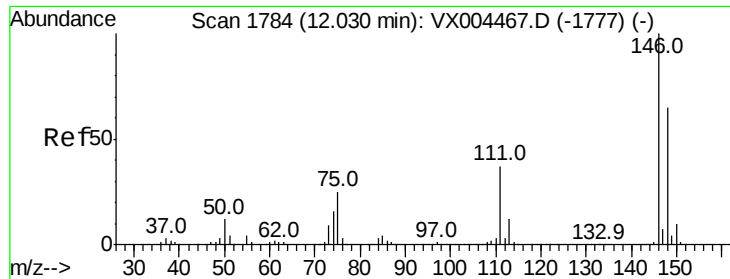
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.3 10.9 32.7

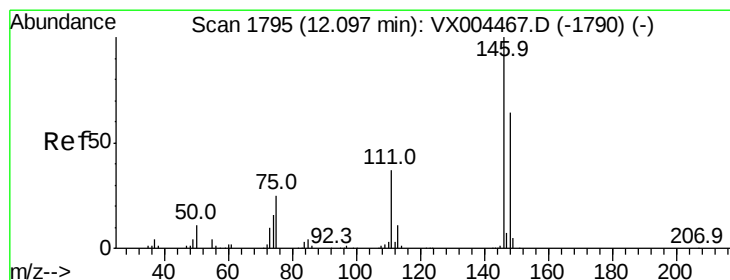
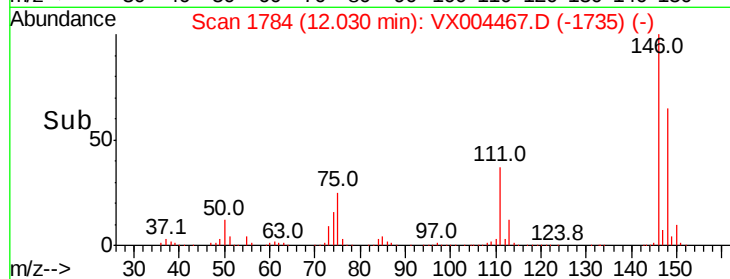
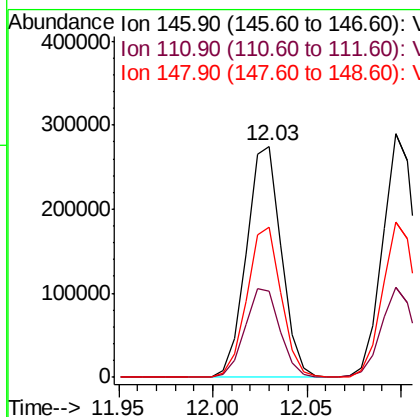
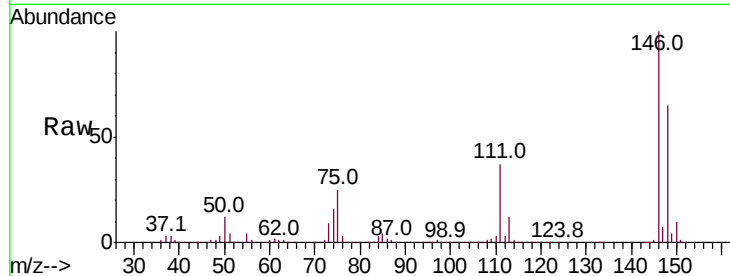




#87
 1,3-Dichlorobenzene
 Concen: 50.567 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

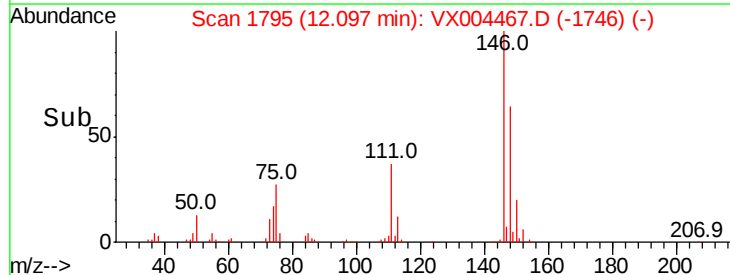
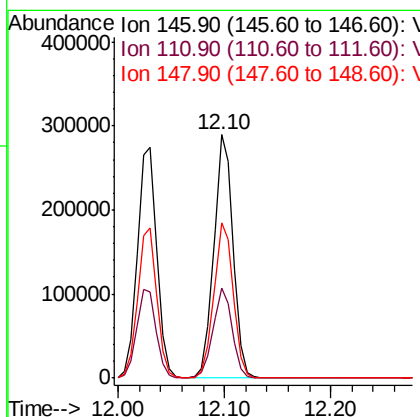
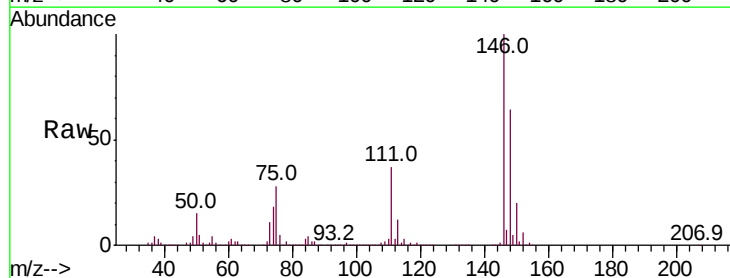
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

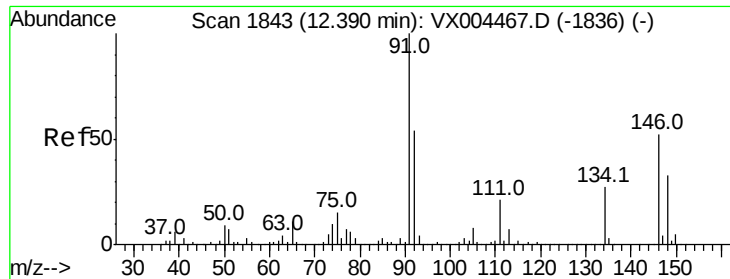
Tot Ion:146 Resp: 353521
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.7 56.1
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.474 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion:146 Resp: 357383
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.1
 148 64.2 32.0 96.0

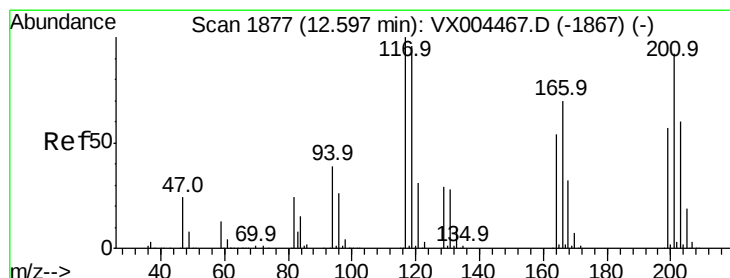
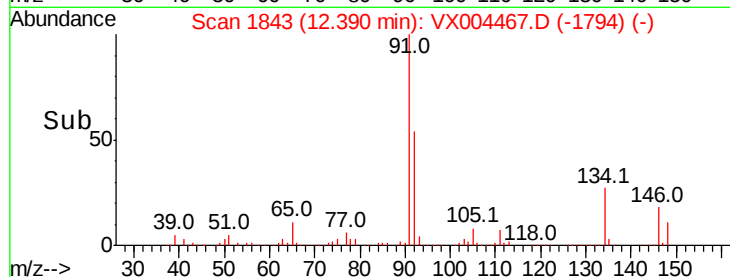
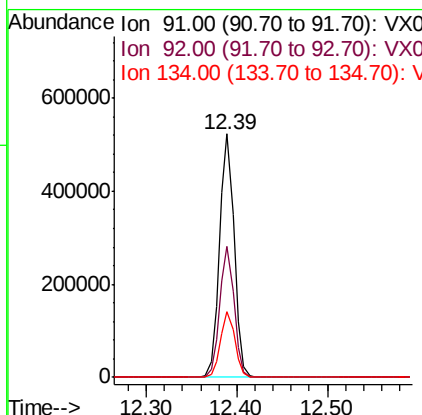
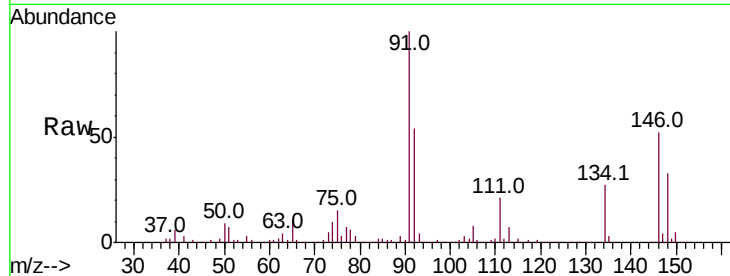




#89
n-Butylbenzene
Concen: 53.072 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

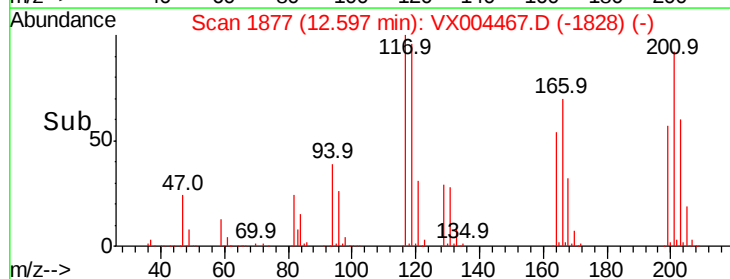
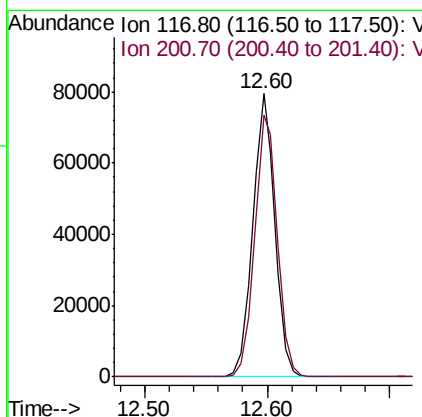
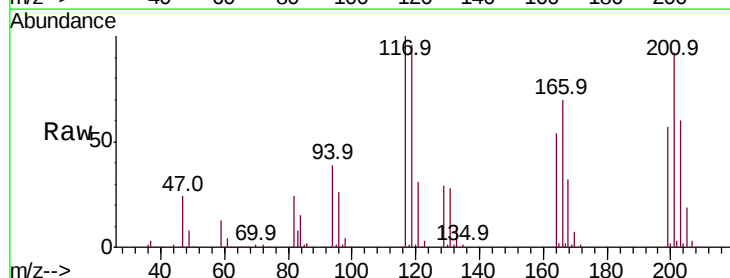
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

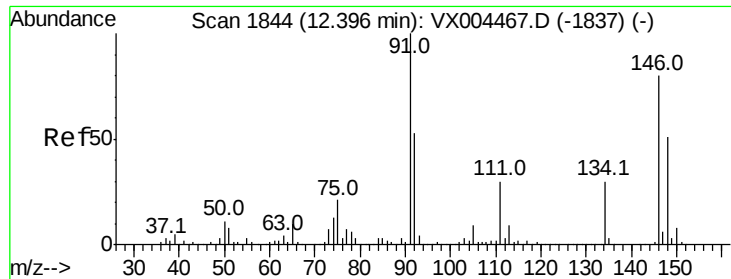
Tot Ion: 91 Resp: 590484
Ion Ratio Lower Upper
91 100
92 52.7 27.3 81.9
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 51.044 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 117 Resp: 99772
Ion Ratio Lower Upper
117 100
201 95.0 46.9 140.6

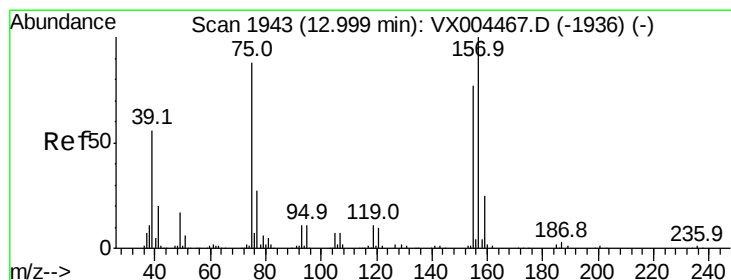
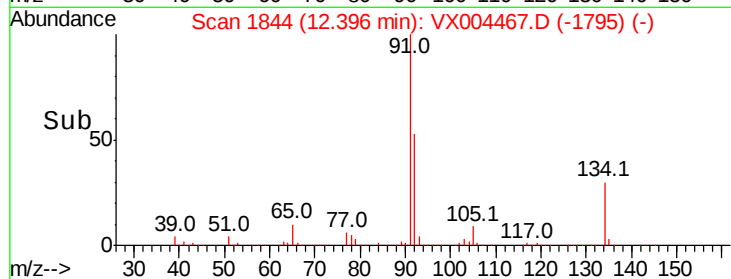
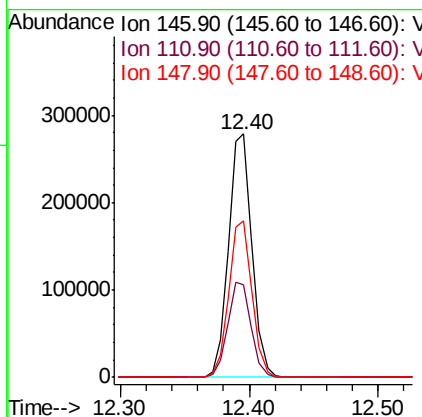
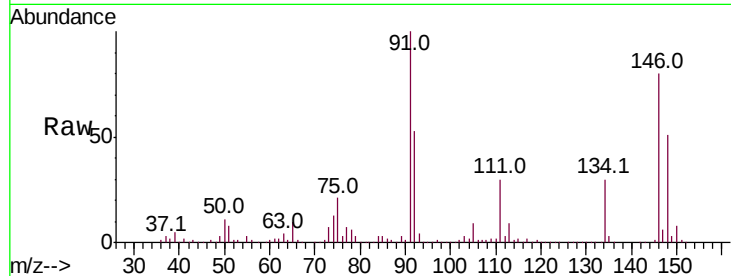




#91
 1,2-Dichlorobenzene
 Concen: 50.233 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

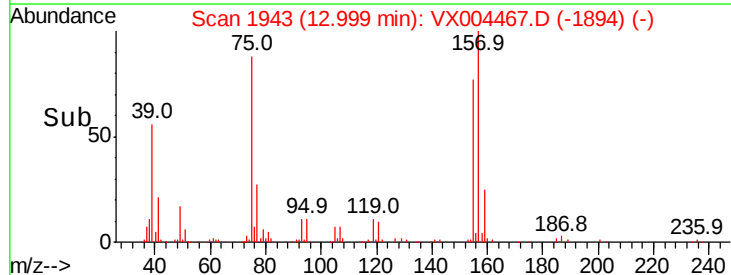
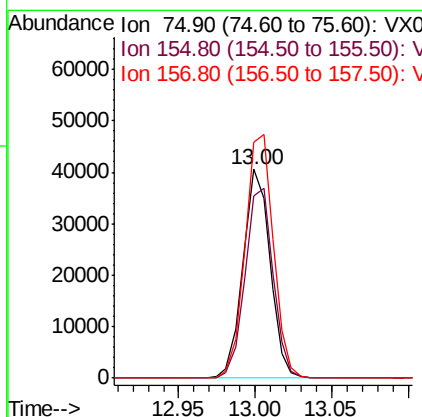
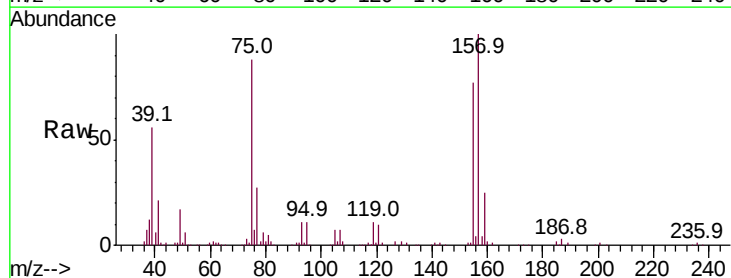
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

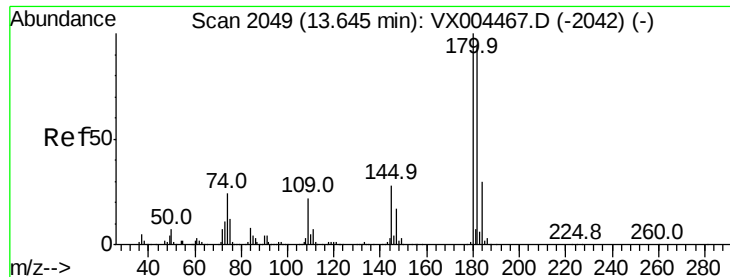
Tot Ion:	146	Resp:	355458
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.1
148	63.9	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.439 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion:	75	Resp:	49896
Ion	Ratio	Lower	Upper
75	100		
155	94.0	48.0	144.2
157	121.6	61.4	184.1

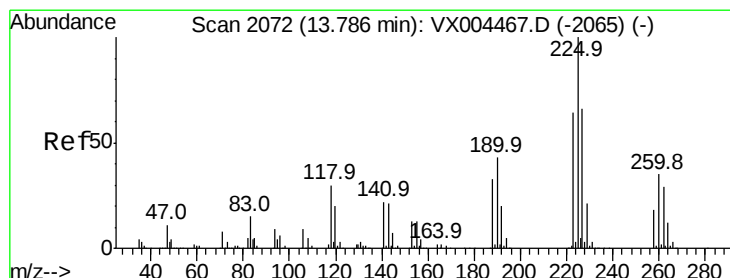
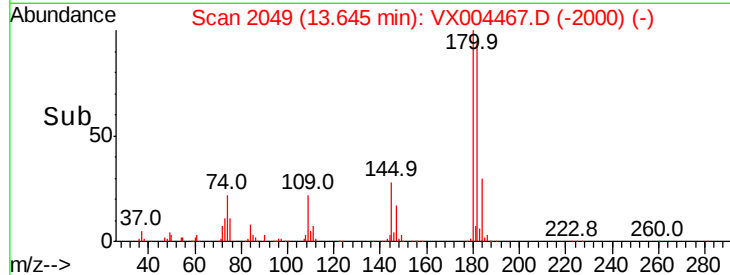
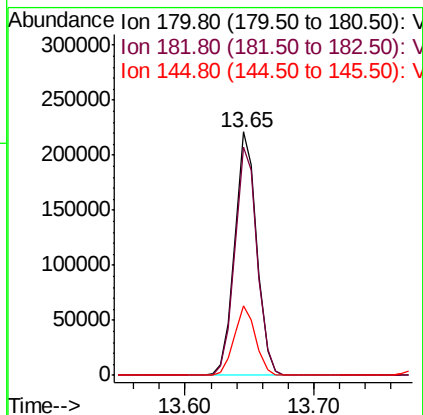
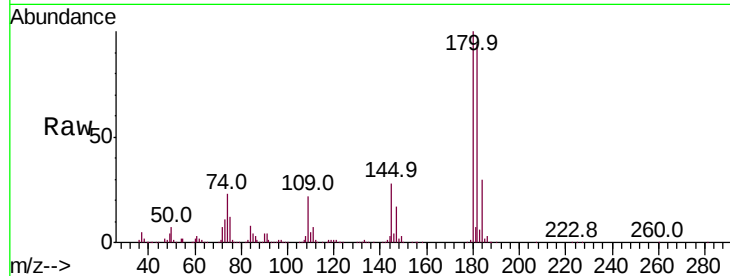




#93
 1,2,4-Trichlorobenzene
 Concen: 52.548 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

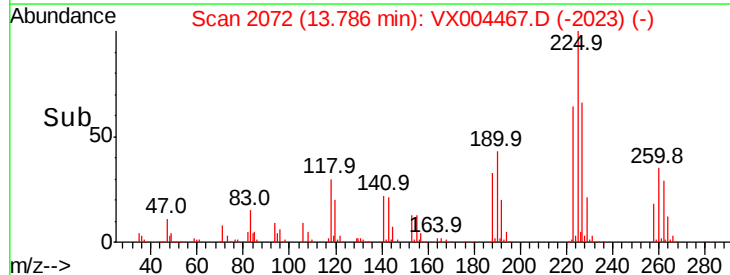
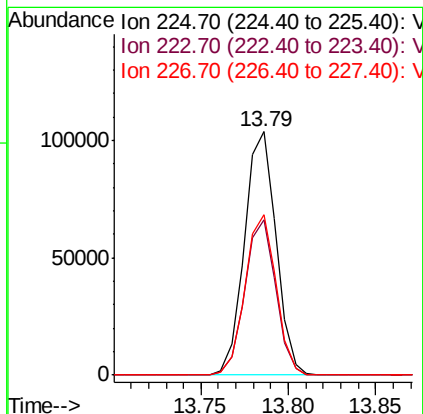
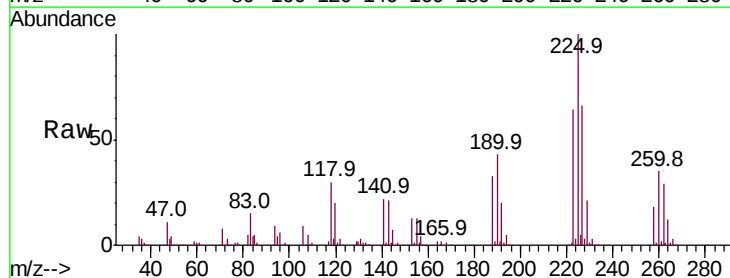
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

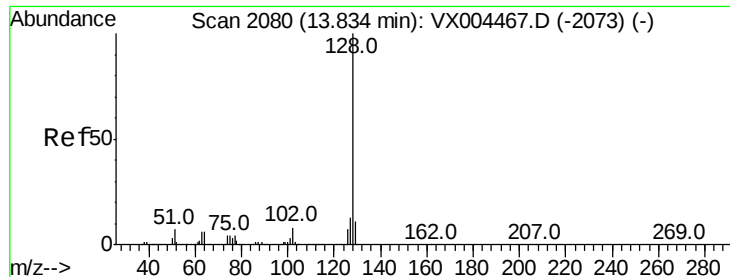
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.4	145.0
145	27.9	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 49.625 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.1	90.5
227	64.6	30.8	92.4

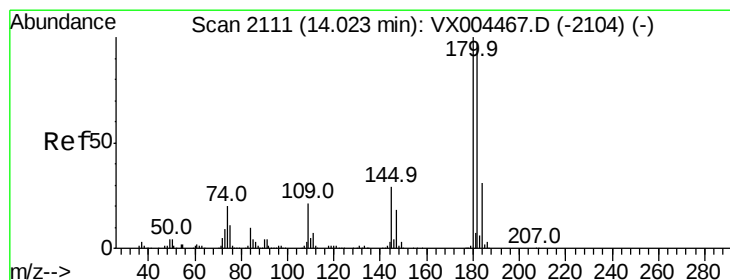
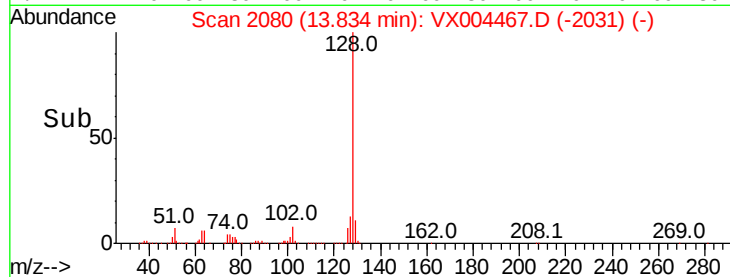
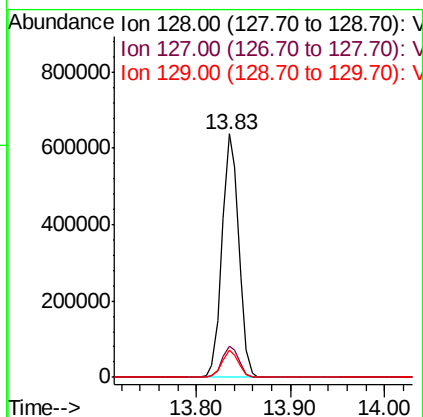
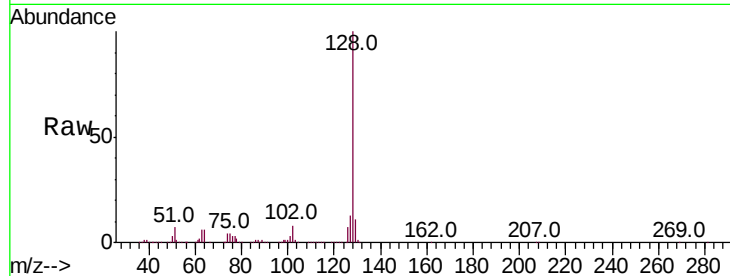




#95
Naphthalene
Concen: 55.631 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 781779
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.681 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion:180 Resp: 266030
Ion Ratio Lower Upper
180 100
182 96.2 48.5 145.6
145 30.2 14.9 44.9

