

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011169.D
 Acq On : 30 Jul 2019 01:33
 Operator : JC/SP
 Sample : K4026-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0673

Quant Time: Jul 30 05:13:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131859	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	100098	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
35) Dibromofluoromethane	5.50	113	93744	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	8.71	98	352301	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.13	95	126200	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	25	0.559	ug/l #	43
3) Chloromethane	1.33	50	644	0.385	ug/l	95
4) Vinyl Chloride	1.41	62	41158	24.107	ug/l	99
5) Bromomethane	1.67	94	641	0.666	ug/l #	45
6) Chloroethane	1.94	64	268	0.247	ug/l #	64
11) Tert butyl alcohol	3.04	59	1212	2.688	ug/l #	88
12) 1,1-Dichloroethene	2.38	96	848	0.523	ug/l #	82
13) Acrolein	2.29	56	81	0.311	ug/l #	15
16) Acetone	2.44	43	2094	2.394	ug/l	98
18) Methyl Acetate	2.77	43	516	0.259	ug/l #	56
20) Methylene Chloride	2.85	84	399	0.215	ug/l #	69
21) trans-1,2-Dichloroethene	3.17	96	22193	12.901	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	35520	17.841	ug/l	89
29) Tetrahydrofuran	5.15	42	2232	2.807	ug/l #	87
31) Cyclohexane	5.59	56	2985	1.135	ug/l #	78
36) 1,1-Dichloropropene	5.66	75	12684	5.316	ug/l #	49
38) Carbon Tetrachloride	5.66	117	16897	6.797	ug/l #	18
39) Methylcyclohexane	7.46	83	1754	0.567	ug/l	96
40) Benzene	6.15	78	69624	9.527	ug/l	100
41) Methacrylonitrile	5.06	41	326	0.235	ug/l #	29
44) Trichloroethene	7.21	130	5288	2.444	ug/l	99
49) 1,4-Dioxane	7.87	88	25	0.457	ug/l #	1
52) Toluene	8.79	92	983	0.205	ug/l	88
65) Chlorobenzene	10.14	112	1340188	235.181	ug/l	100
67) Ethyl Benzene	10.25	91	15957	1.645	ug/l	97
73) Isopropylbenzene	11.02	105	5700	0.640	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	63980	26.888	ug/l #	35
78) n-propylbenzene	11.36	91	2399	0.244	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	63980	66.681	ug/l #	11
83) tert-Butylbenzene	11.77	119	1915	0.262	ug/l	96
85) sec-Butylbenzene	11.94	105	3696	0.431	ug/l	95
86) p-Isopropyltoluene	12.23	119	2700	0.341	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	5287	1.240	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	44106	10.083	ug/l	98

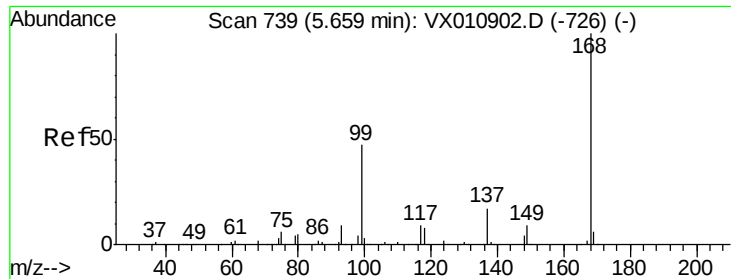
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011169.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.70	117	1826	1.461	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	2363	0.559	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampled :

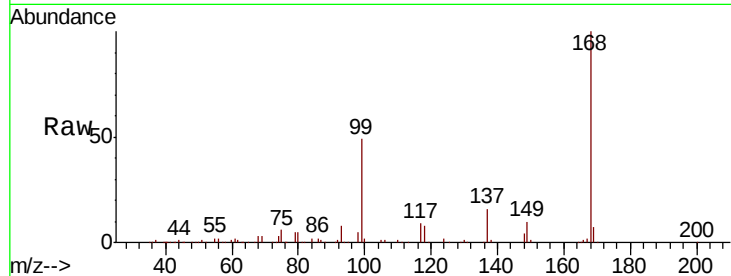
Z3-0673

Tot Ion:168 Resp: 182016

Ion Ratio Lower Upper

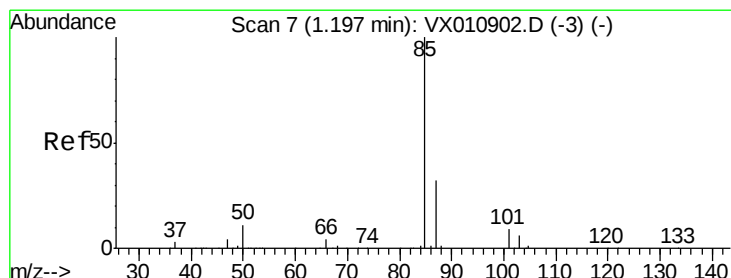
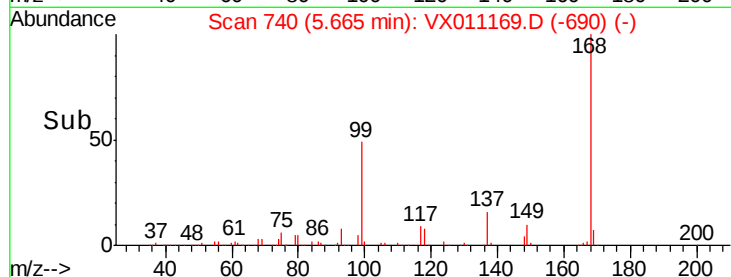
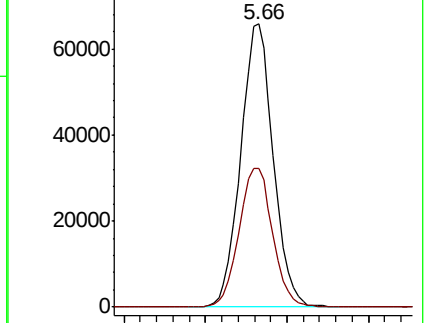
168 100

99 49.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.559 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.02 min

Lab File: VX011169.D

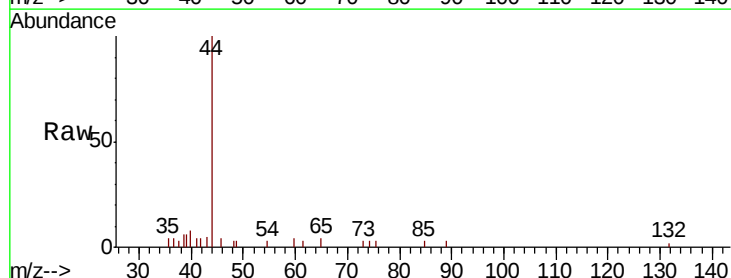
Acq: 30 Jul 2019 01:33

Tgt Ion: 85 Resp: 25

Ion Ratio Lower Upper

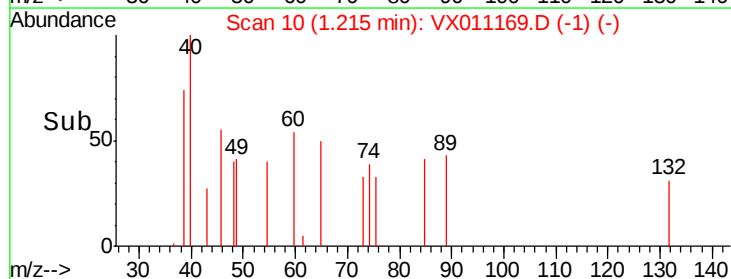
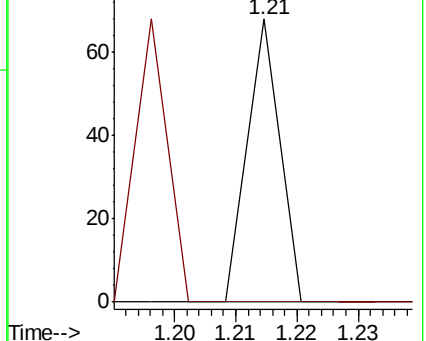
85 100

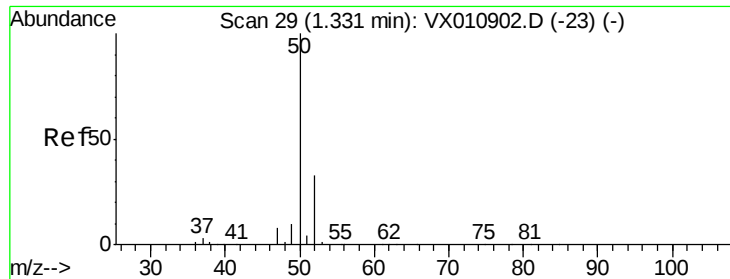
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.385 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

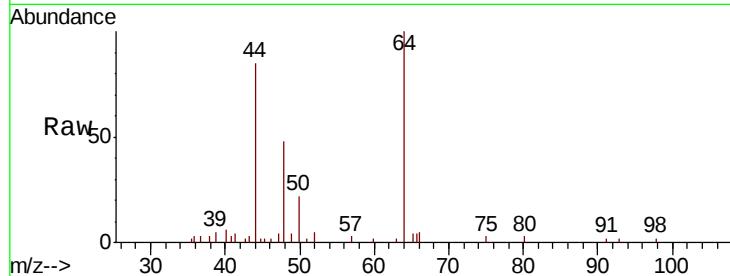
Z3-0673

Tot Ion: 50 Resp: 644

Ion Ratio Lower Upper

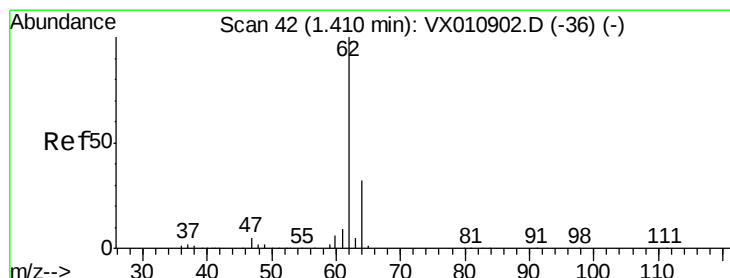
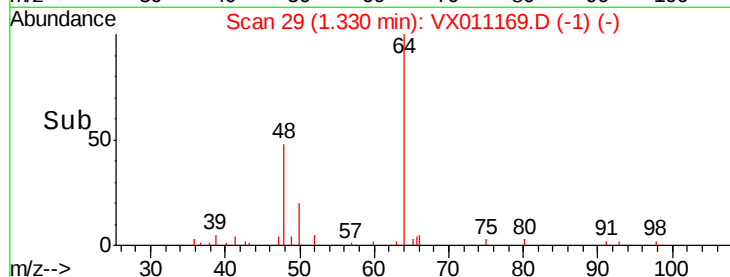
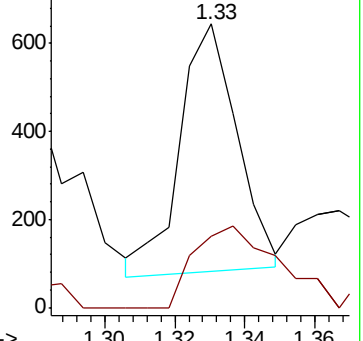
50 100

52 30.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 24.107 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011169.D

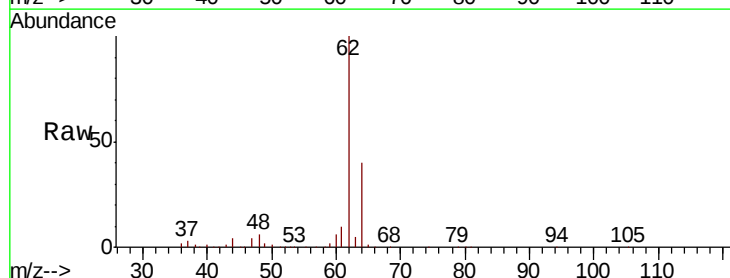
Acq: 30 Jul 2019 01:33

Tgt Ion: 62 Resp: 41158

Ion Ratio Lower Upper

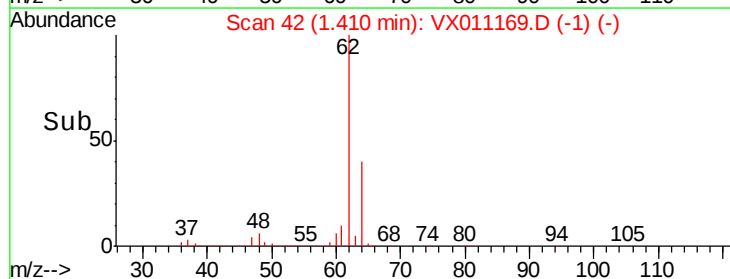
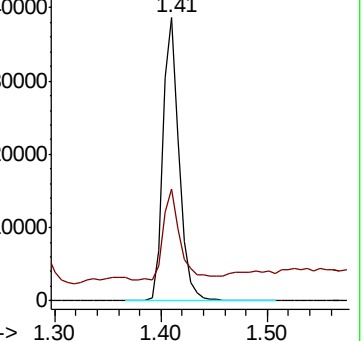
62 100

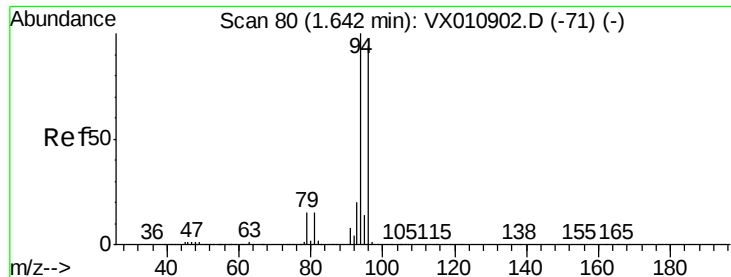
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.666 ug/l

RT: 1.67 min Scan# 84

Delta R.T. 0.02 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampled :

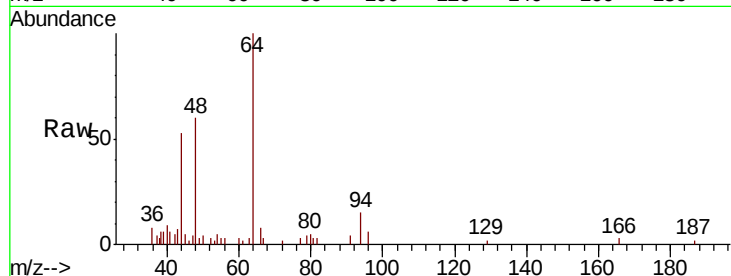
Z3-0673

Tot Ion: 94 Resp: 641

Ion Ratio Lower Upper

94 100

96 40.8 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.67

300

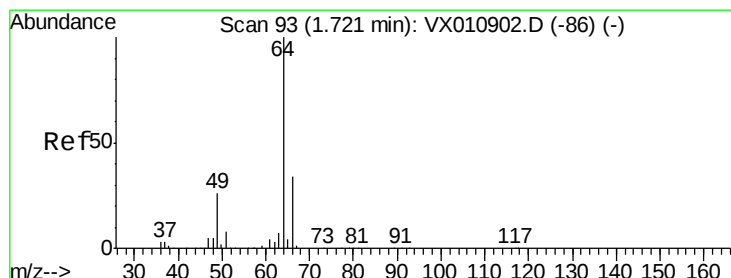
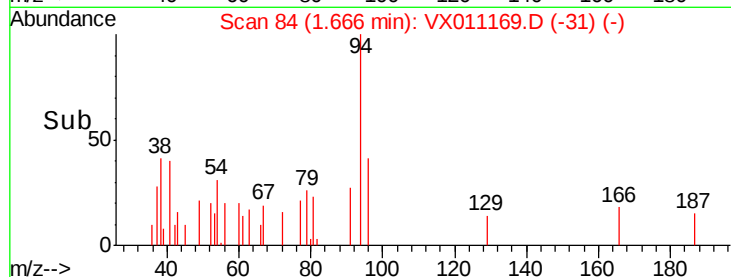
200

100

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 0.247 ug/l

RT: 1.94 min Scan# 129

Delta R.T. 0.22 min

Lab File: VX011169.D

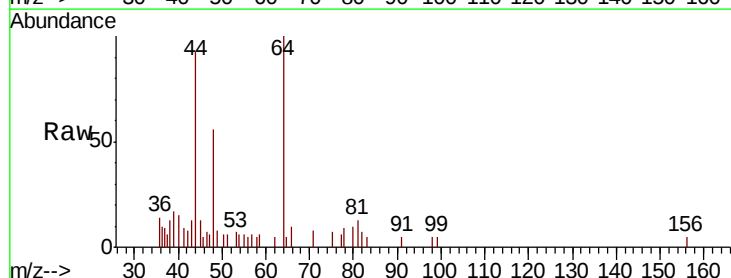
Acq: 30 Jul 2019 01:33

Tgt Ion: 64 Resp: 268

Ion Ratio Lower Upper

64 100

66 13.5 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.94

1500

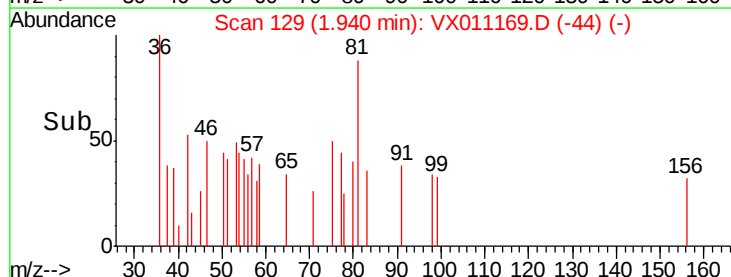
1000

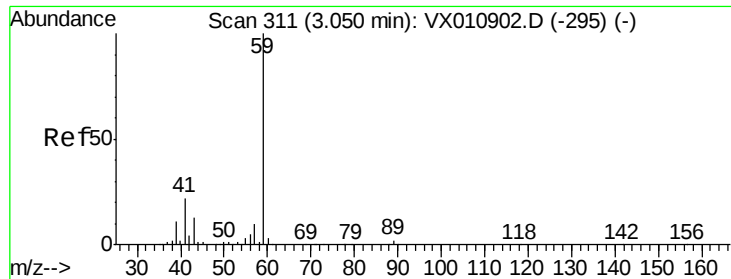
500

0

1.92 1.94 1.96

Time-->



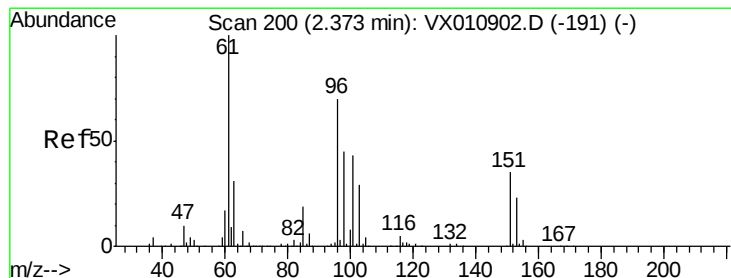
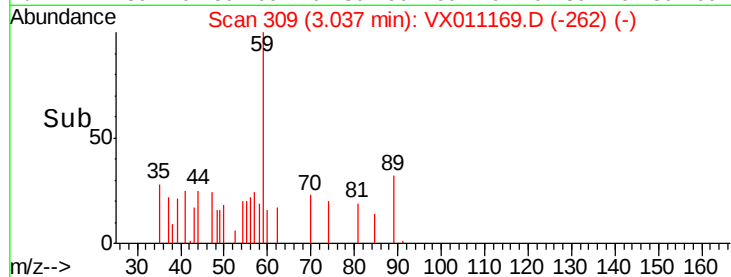
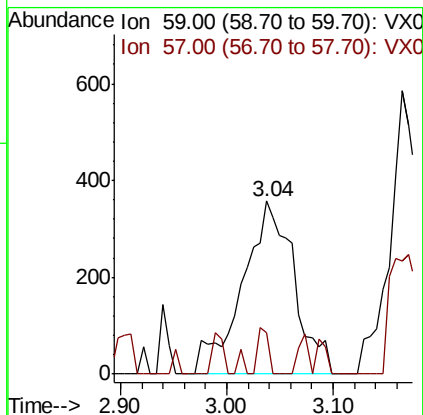
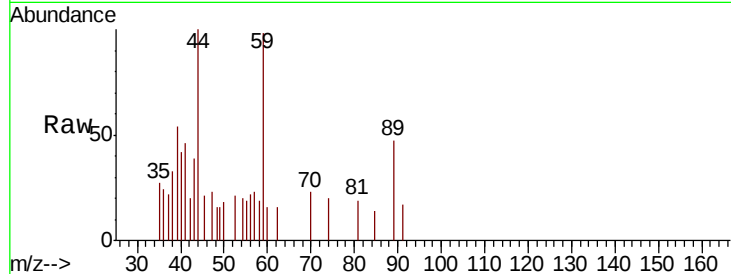


#11

Tert butyl alcohol
 Concen: 2.688 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX011169.D
 Acq: 30 Jul 2019 01:33

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0673

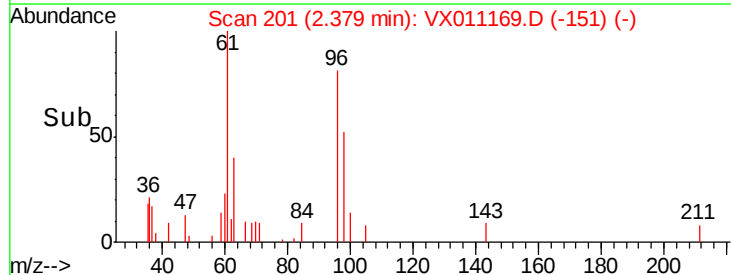
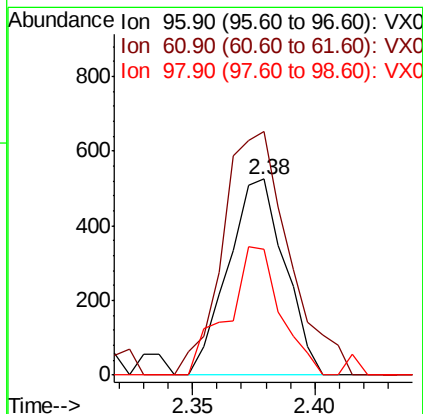
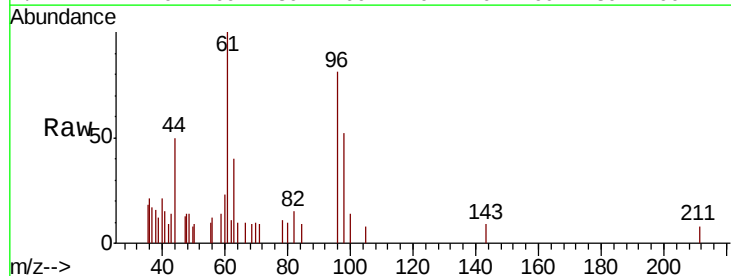
Tot Ion: 59 Resp: 1212
 Ion Ratio Lower Upper
 59 100
 57 5.4 7.9 11.9#

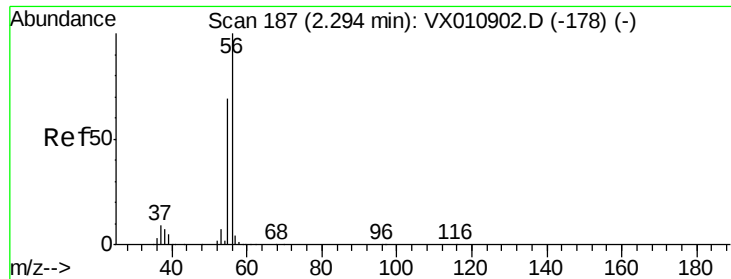


#12

1,1-Dichloroethene
 Concen: 0.523 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX011169.D
 Acq: 30 Jul 2019 01:33

Tgt Ion: 96 Resp: 848
 Ion Ratio Lower Upper
 96 100
 61 112.0 115.0 172.4#
 98 64.2 52.2 78.2





#13

Acrolein

Concen: 0.311 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

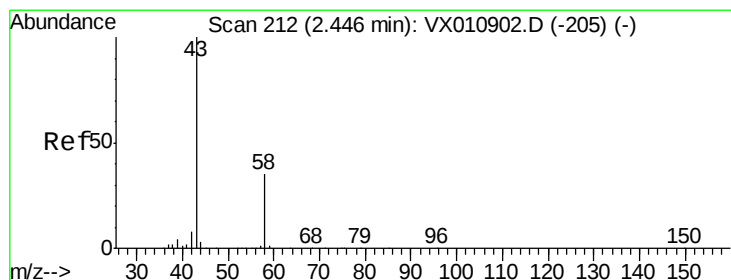
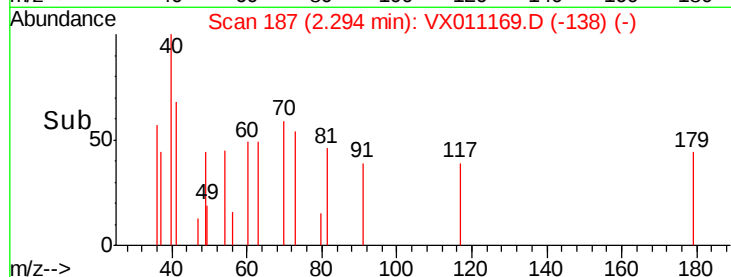
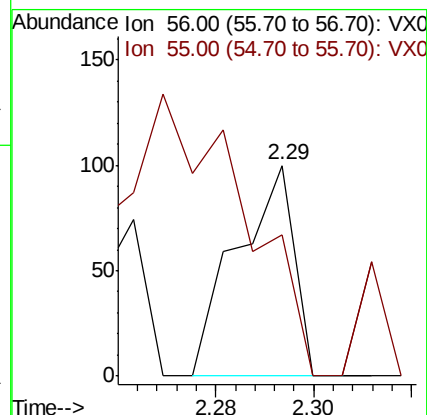
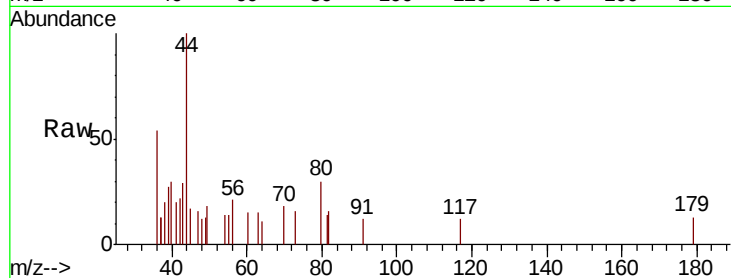
Z3-0673

Tot Ion: 56 Resp: 81

Ion Ratio Lower Upper

56 100

55 0.0 55.9 83.9#



#16

Acetone

Concen: 2.394 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011169.D

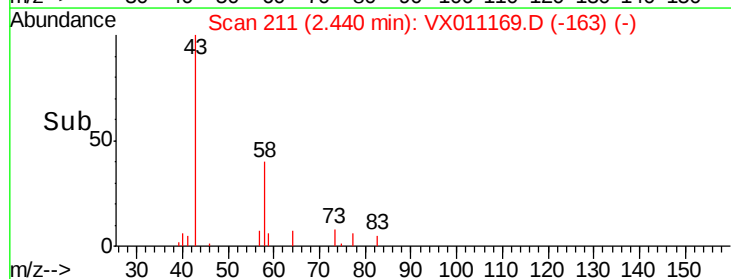
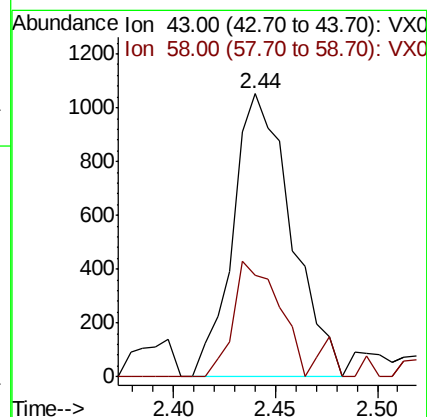
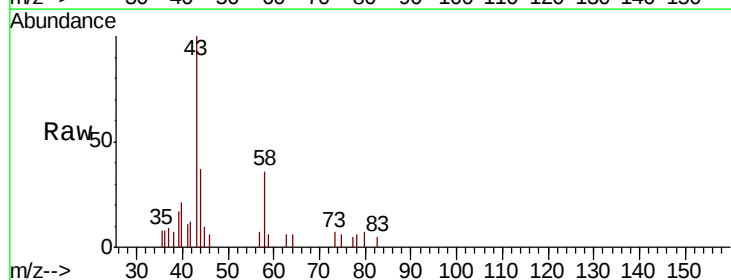
Acq: 30 Jul 2019 01:33

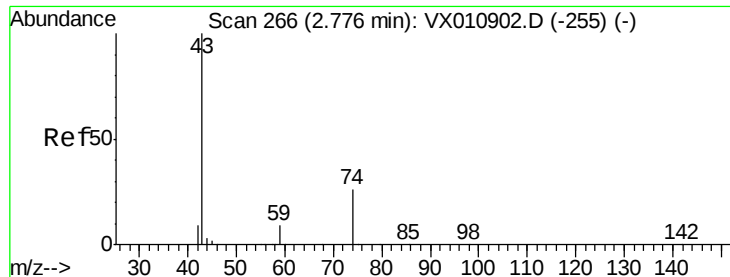
Tgt Ion: 43 Resp: 2094

Ion Ratio Lower Upper

43 100

58 35.9 27.7 41.5

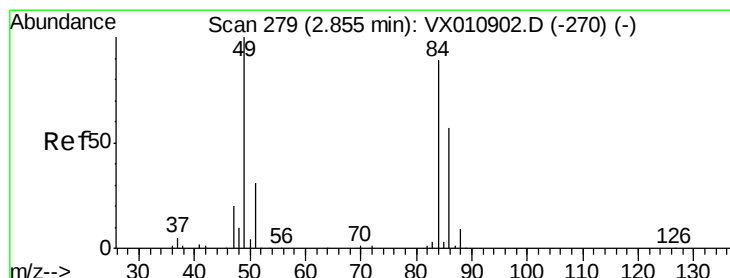
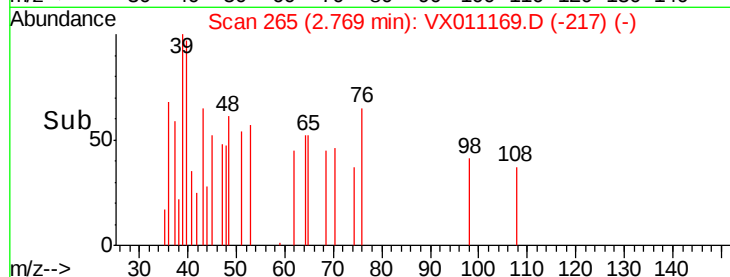
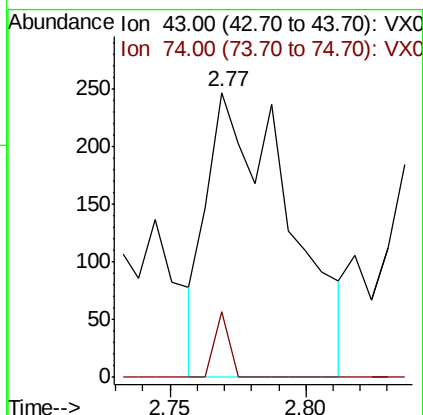
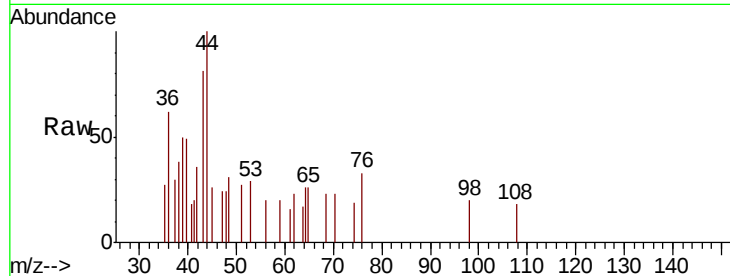




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

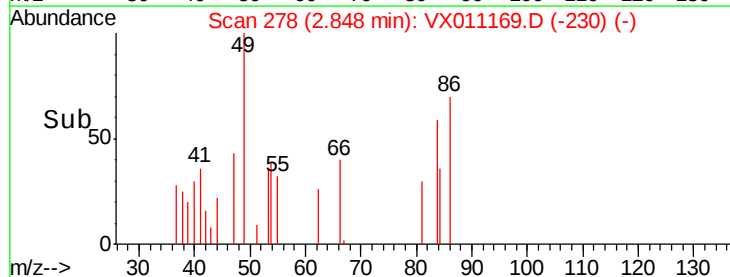
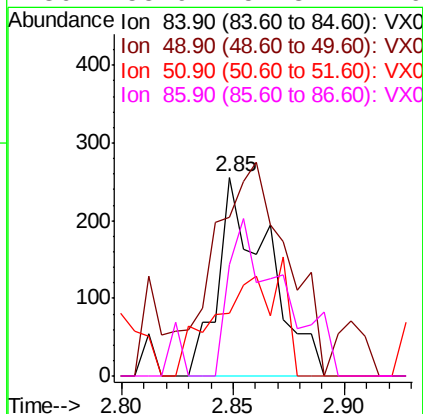
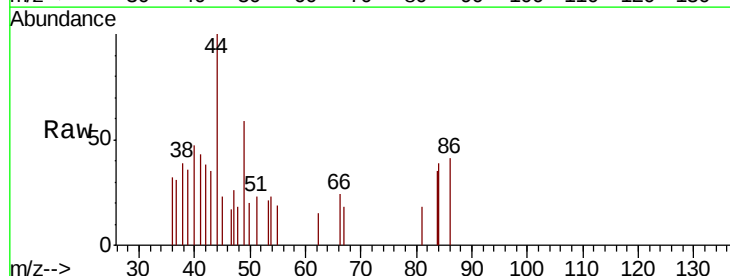
Instrument :
MSVOA_X
ClientSampled :
Z3-0673

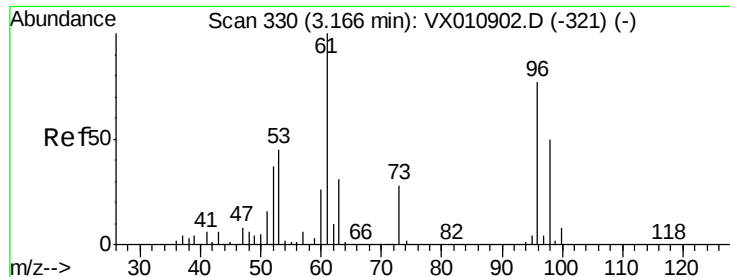
Tot Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
74 4.1 21.5 32.3#



#20
Methylene Chloride
Concen: 0.215 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

Tgt Ion: 84 Resp: 399
Ion Ratio Lower Upper
84 100
49 59.0 89.9 134.9#
51 31.6 27.8 41.6
86 55.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 12.901 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

Z3-0673

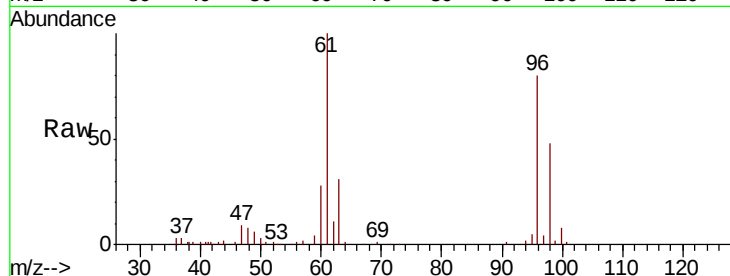
Tot Ion: 96 Resp: 22193

Ion Ratio Lower Upper

96 100

61 124.8 104.2 156.2

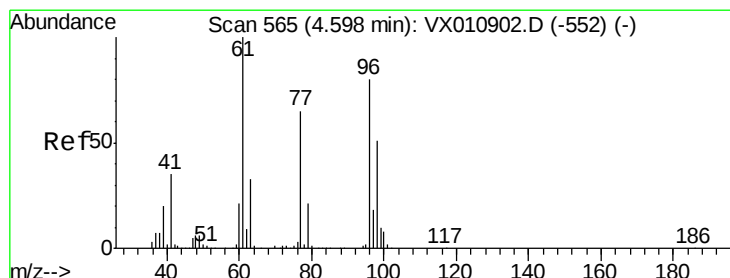
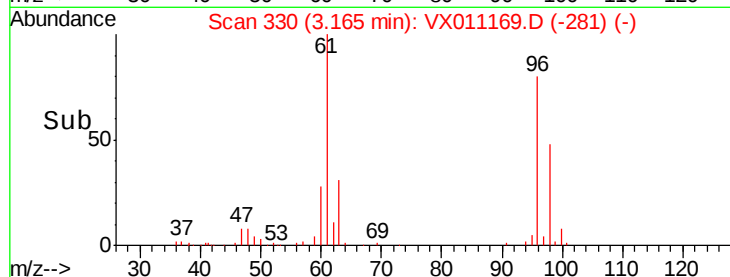
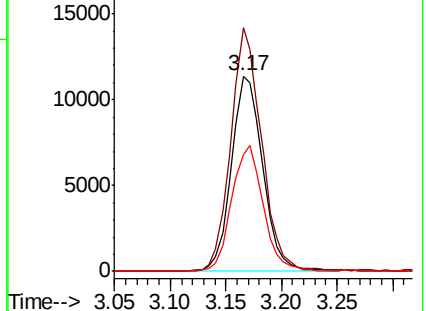
98 60.1 52.2 78.4



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



#27

cis-1,2-Dichloroethene

Concen: 17.841 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

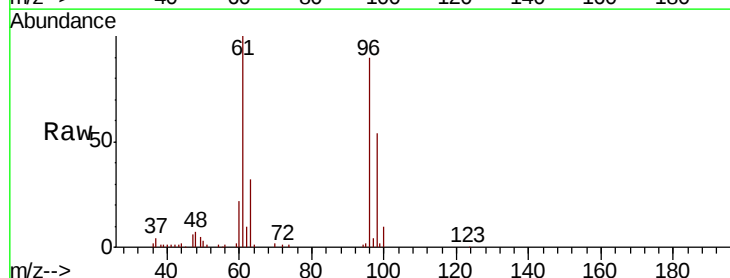
Tgt Ion: 96 Resp: 35520

Ion Ratio Lower Upper

96 100

61 115.2 0.0 269.0

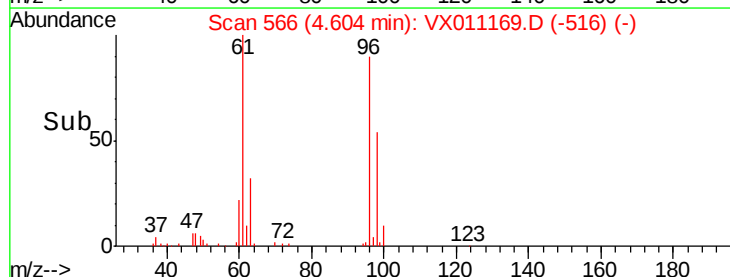
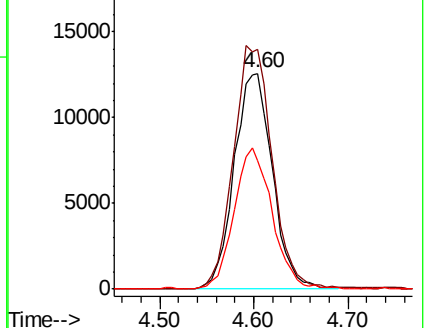
98 65.0 0.0 131.4

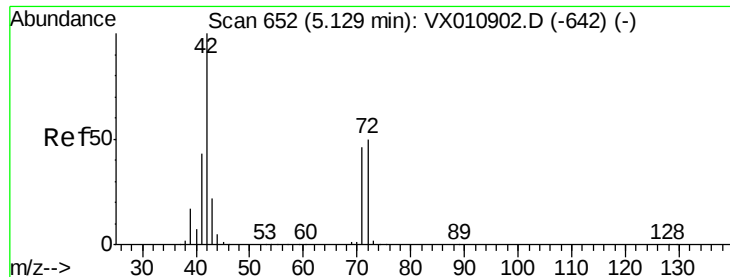


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

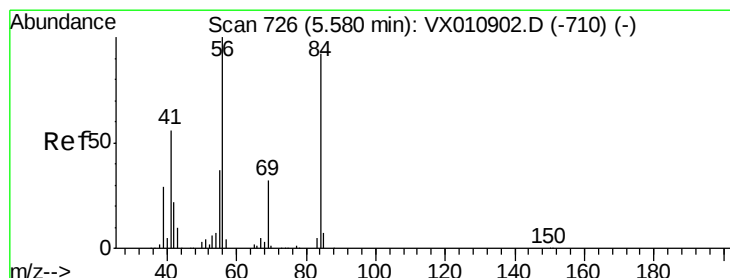
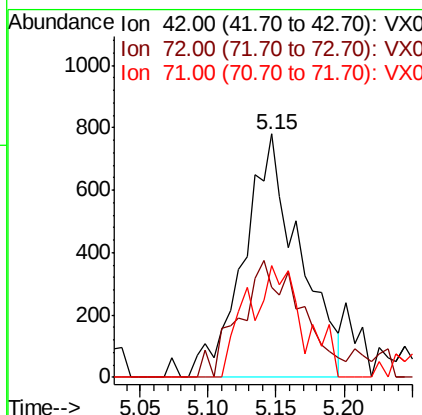
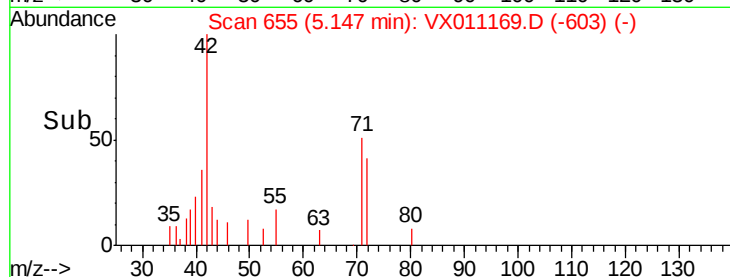
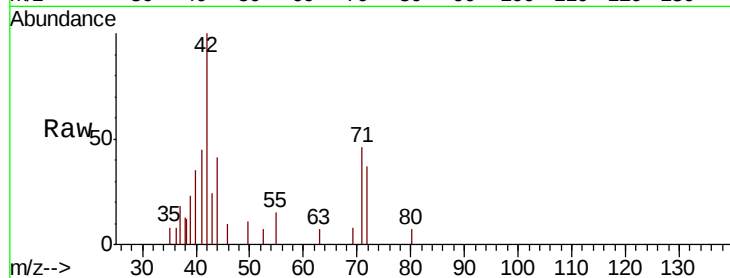




#29
Tetrahydrofuran
Concen: 2.807 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

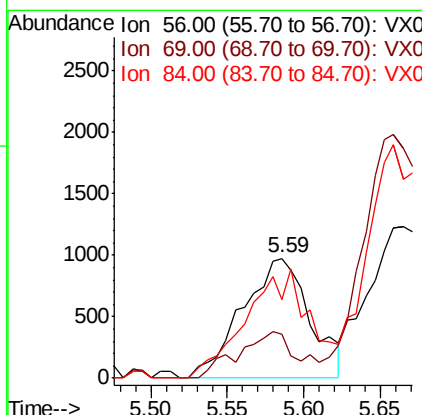
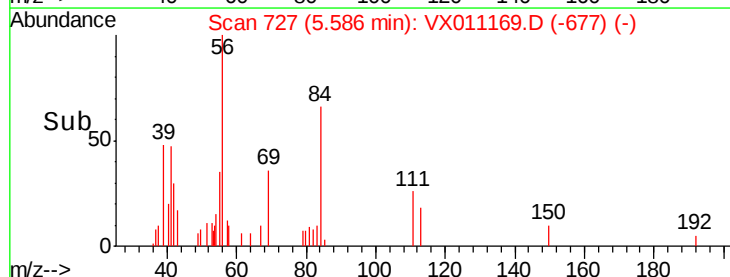
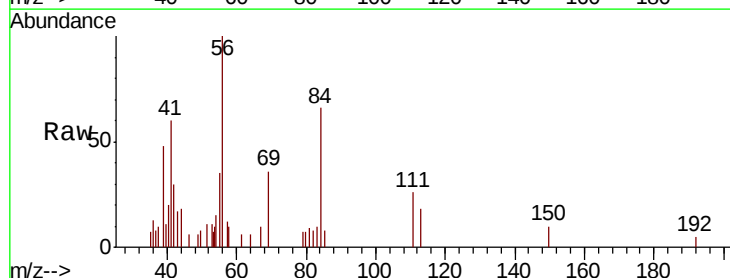
Instrument :
MSVOA_X
ClientSampled :
Z3-0673

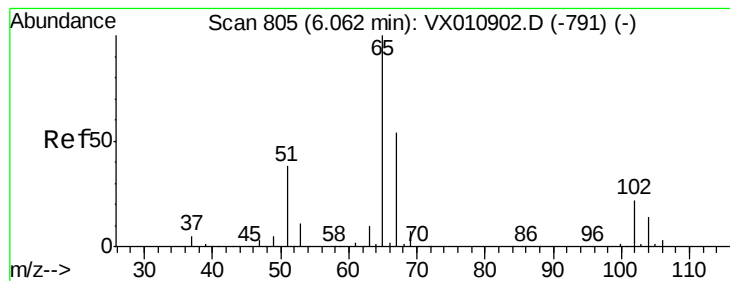
Tot Ion: 42 Resp: 2232
Ion Ratio Lower Upper
42 100
72 53.7 39.8 59.8
71 32.8 37.0 55.4#



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
69 36.2 25.8 38.8
84 65.6 73.8 110.6#





#33

1,2-Dichloroethane-d4

Concen: 51.694 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

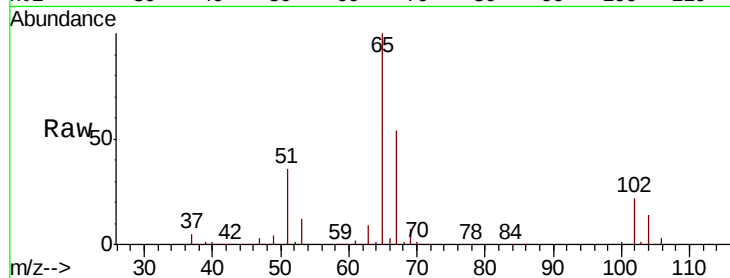
Z3-0673

Tot Ion: 65 Resp: 100098

Ion Ratio Lower Upper

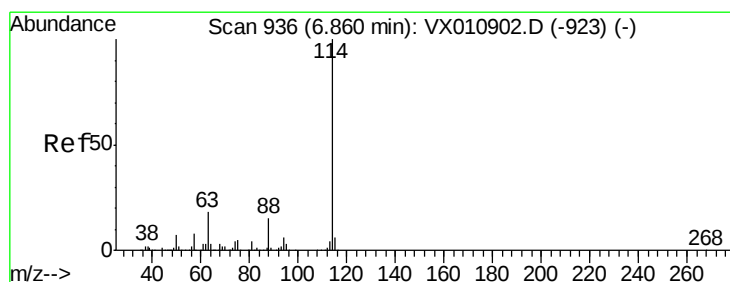
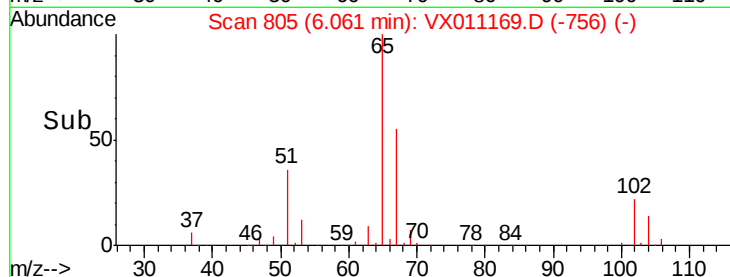
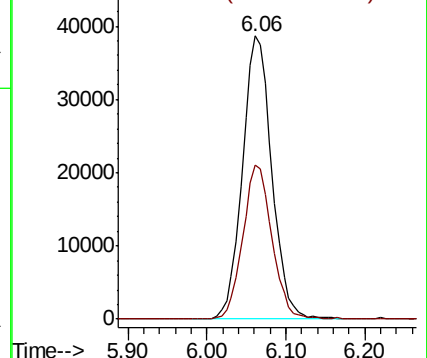
65 100

67 53.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

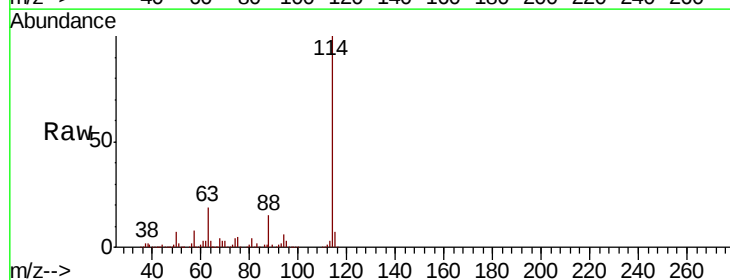
Tgt Ion: 114 Resp: 290451

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

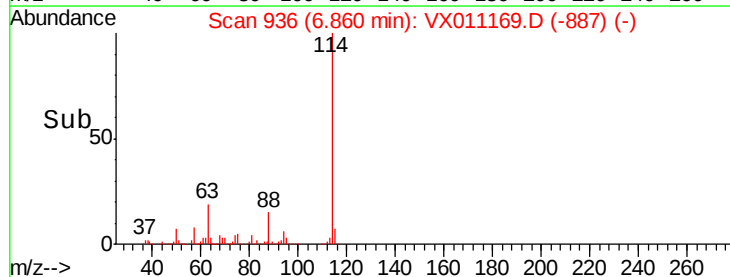
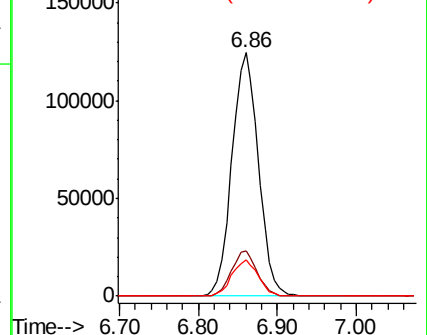
88 14.7 0.0 29.8

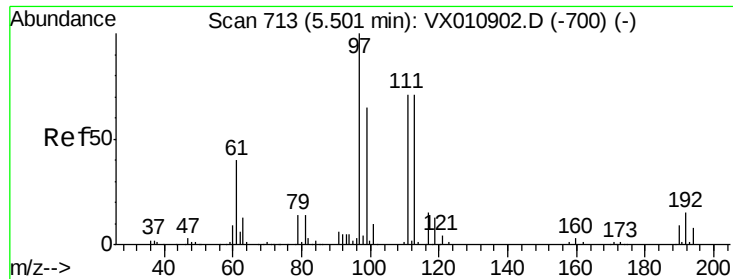


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.850 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

Z3-0673

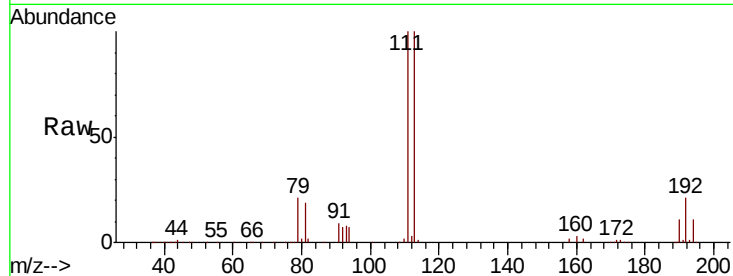
Tot Ion:113 Resp: 93744

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

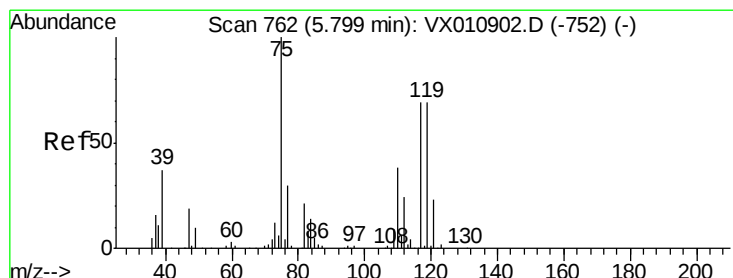
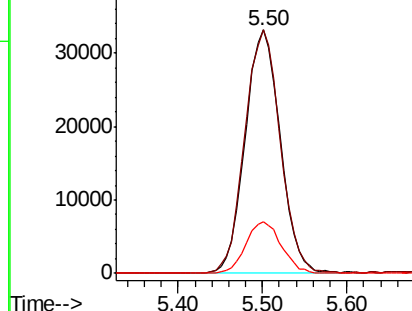
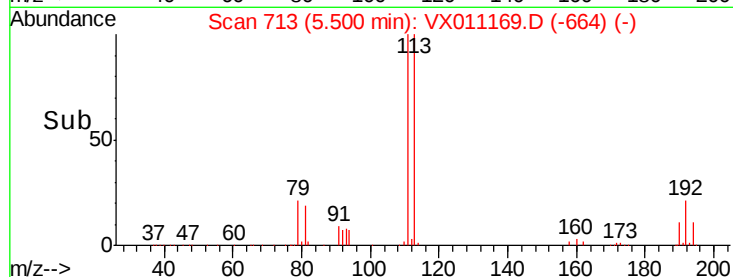
192 21.5 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.316 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

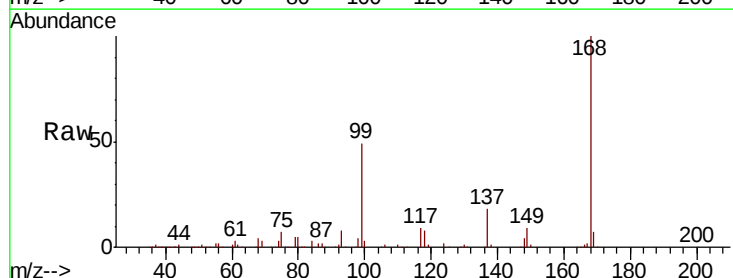
Tgt Ion: 75 Resp: 12684

Ion Ratio Lower Upper

75 100

110 10.3 19.9 59.7#

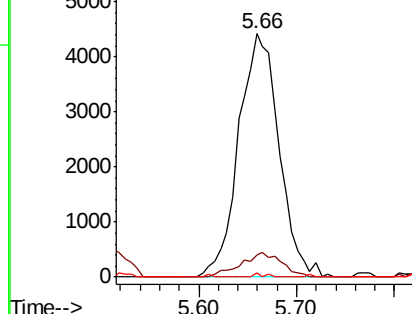
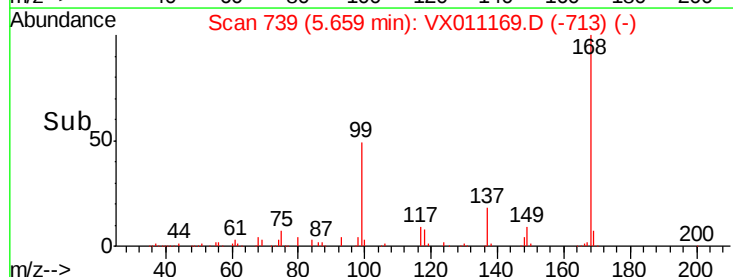
77 0.3 25.0 37.4#

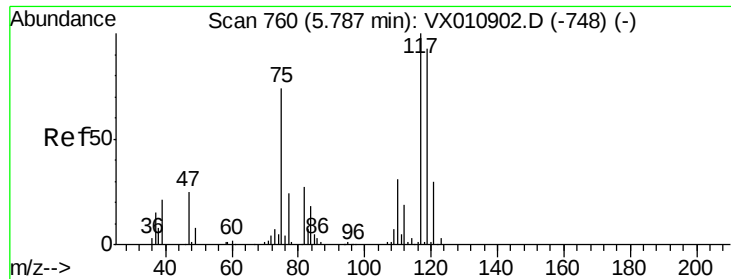


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

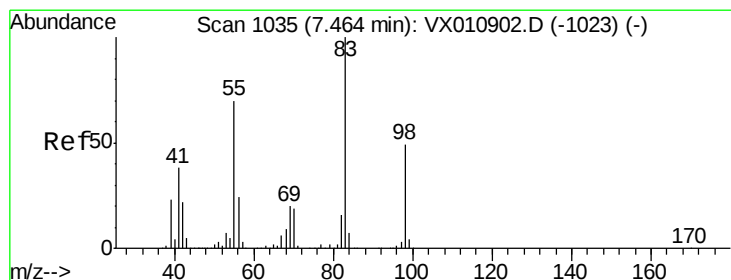
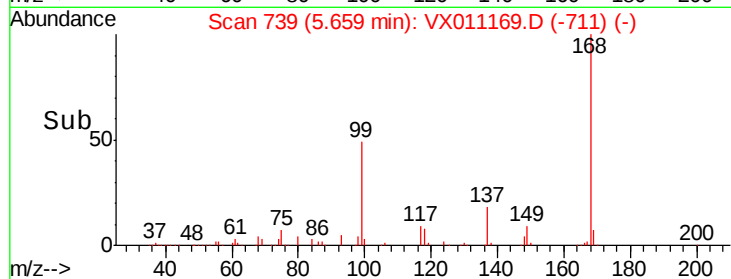
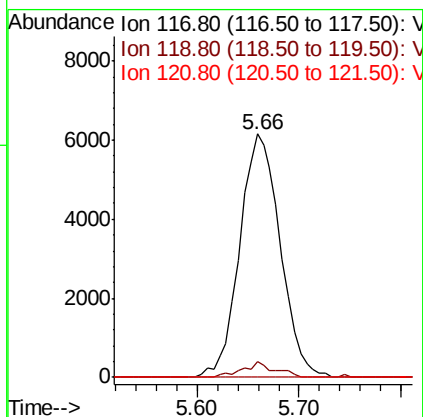
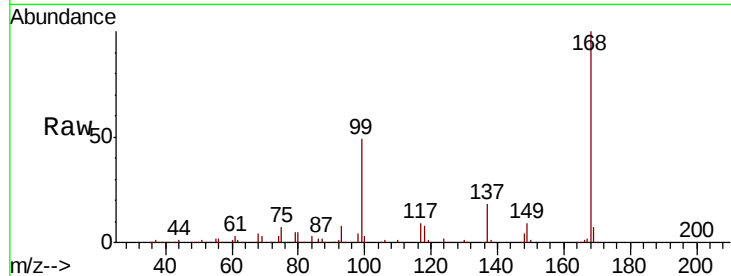




#38
Carbon Tetrachloride
Concen: 6.797 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

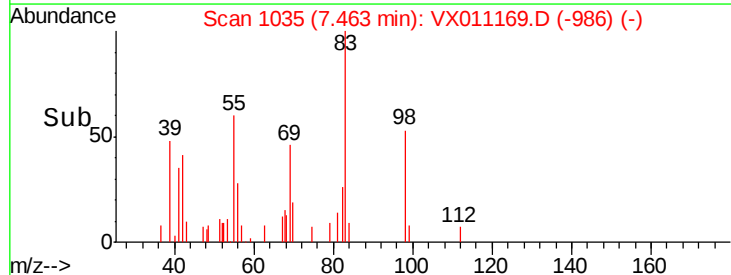
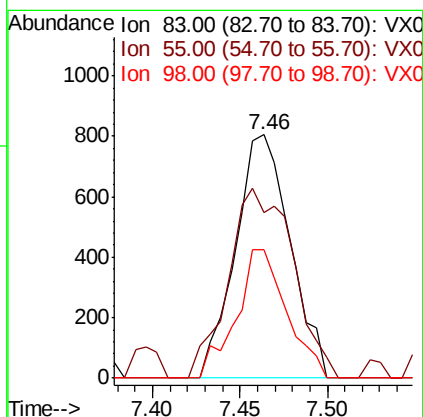
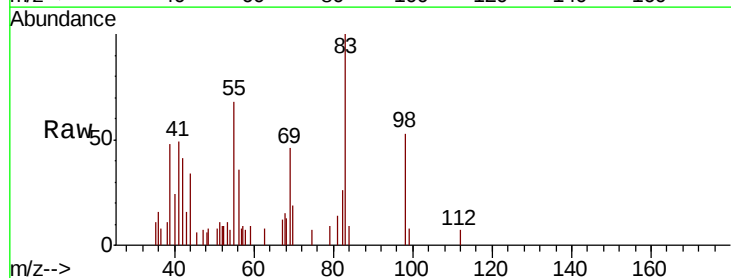
Instrument :
MSVOA_X
ClientSampleId :
Z3-0673

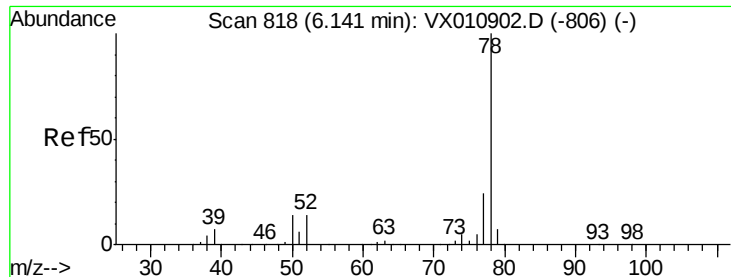
Tot Ion:117 Resp: 16897
Ion Ratio Lower Upper
117 100
119 6.4 74.2 111.2#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.567 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

Tgt Ion: 83 Resp: 1754
Ion Ratio Lower Upper
83 100
55 67.7 56.2 84.4
98 53.0 39.0 58.4





#40

Benzene

Concen: 9.527 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

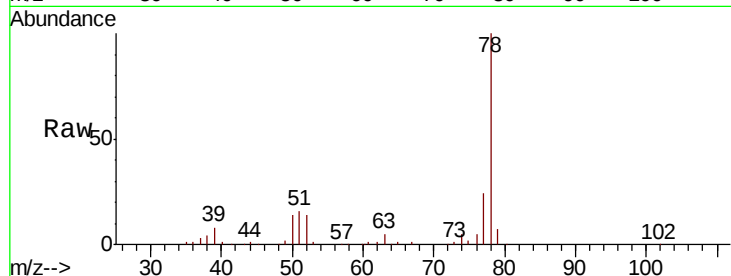
Z3-0673

Tot Ion: 78 Resp: 69624

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

30000

25000

20000

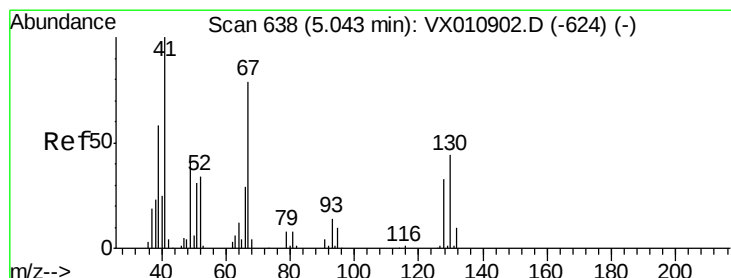
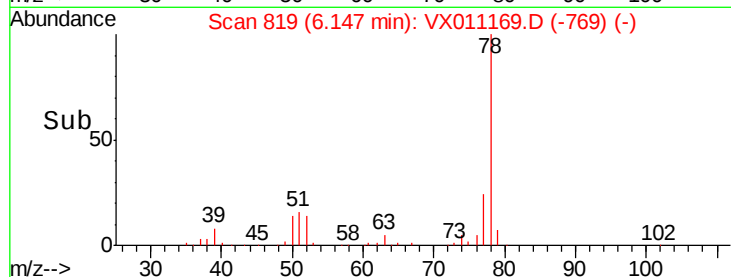
15000

10000

5000

0

Time--> 6.00 6.10 6.20 6.30



#41

Methacrylonitrile

Concen: 0.235 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.02 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Tgt Ion: 41 Resp: 326

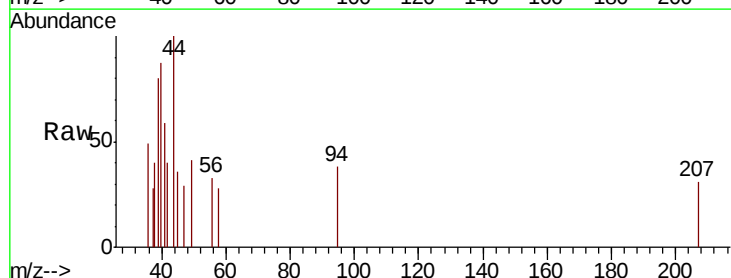
Ion Ratio Lower Upper

41 100

39 103.1 45.4 68.2#

67 0.0 65.9 98.9#

52 14.1 26.2 39.2#



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

400

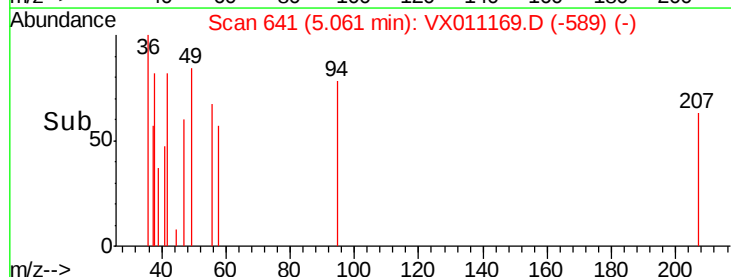
300

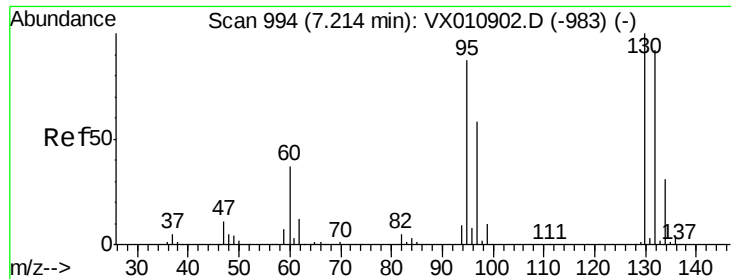
200

100

0

Time--> 5.00 5.02 5.04 5.06 5.08

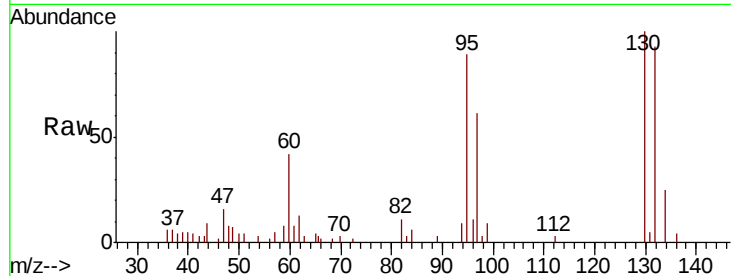




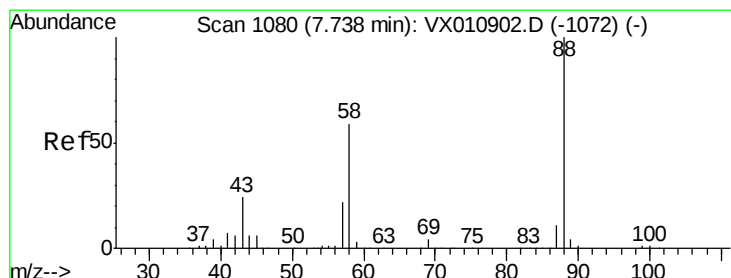
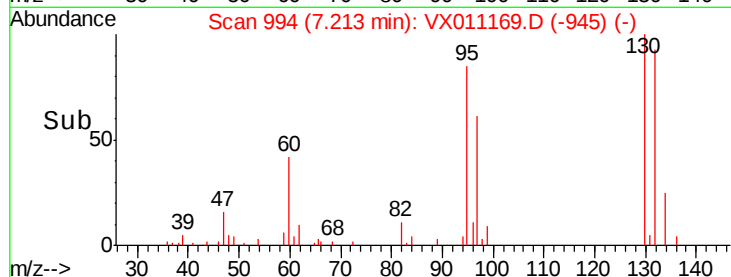
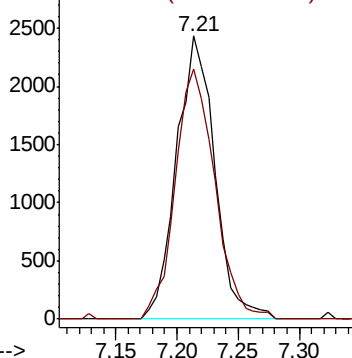
#44
 Trichloroethene
 Concen: 2.444 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011169.D
 Acq: 30 Jul 2019 01:33

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0673

Tot Ion:130 Resp: 5288
 Ion Ratio Lower Upper
 130 100
 95 88.6 0.0 174.8

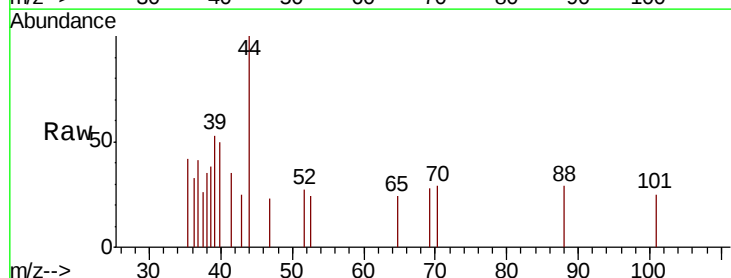


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

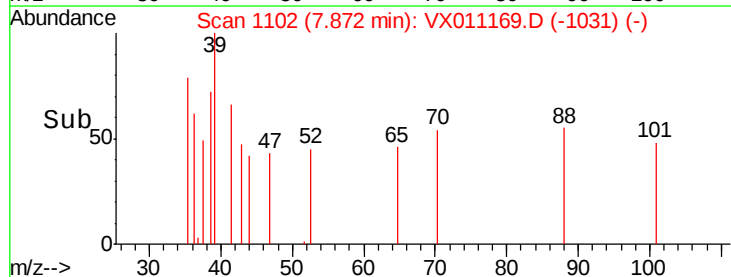
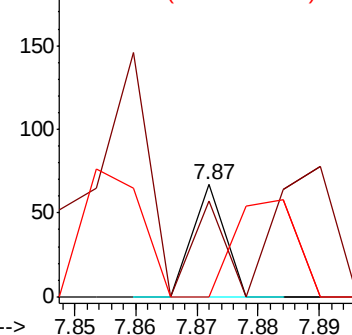


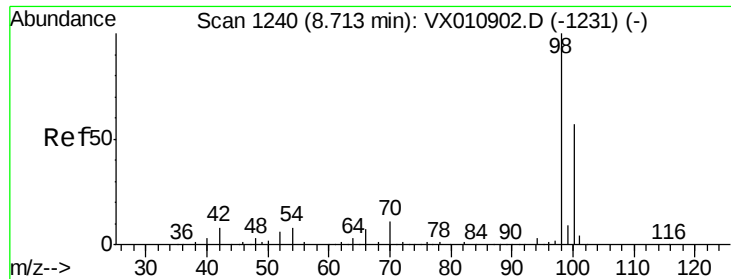
#49
 1,4-Dioxane
 Concen: 0.457 ug/l
 RT: 7.87 min Scan# 1102
 Delta R.T. 0.13 min
 Lab File: VX011169.D
 Acq: 30 Jul 2019 01:33

Tgt Ion: 88 Resp: 25
 Ion Ratio Lower Upper
 88 100
 43 208.0 22.9 34.3#
 58 164.0 49.8 74.8#



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

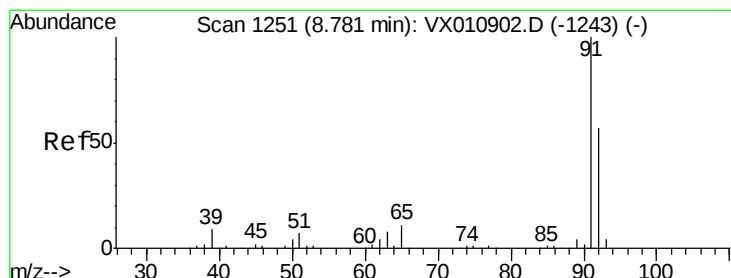
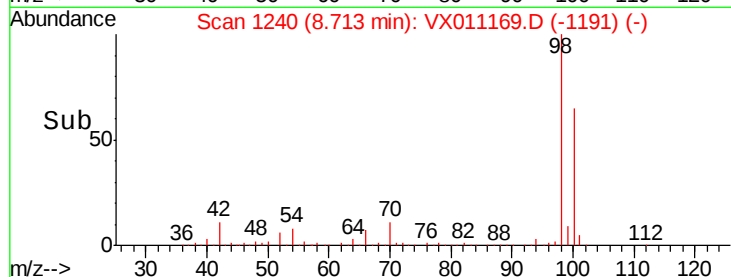
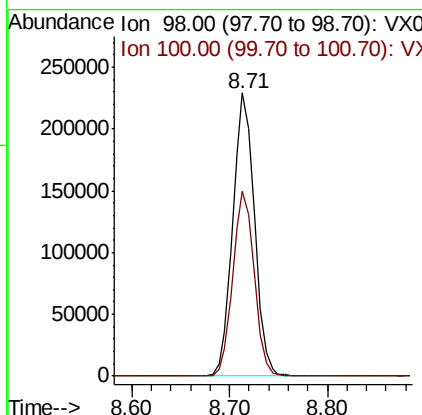
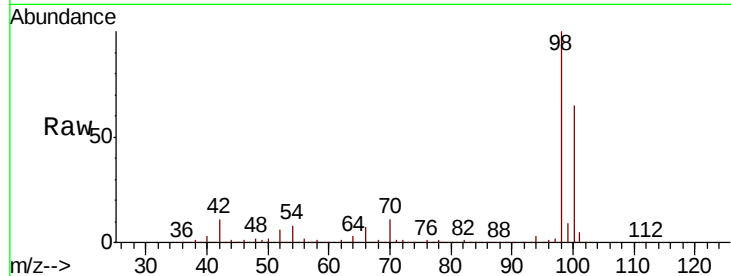




#50
Toluene-d8
Concen: 50.951 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

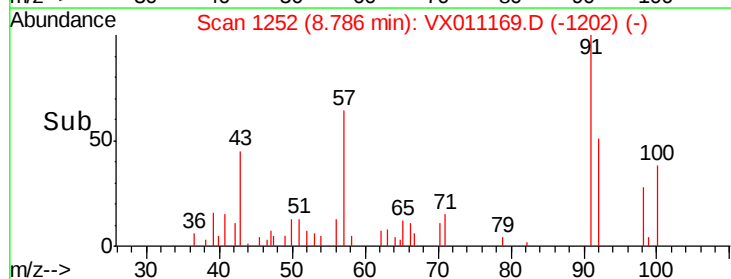
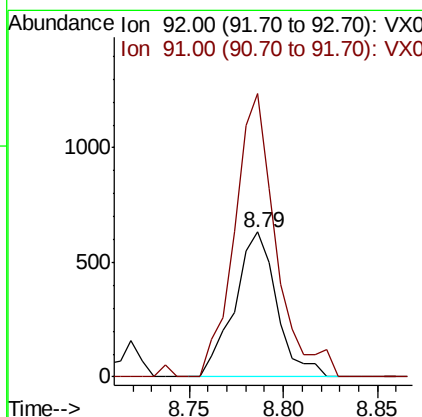
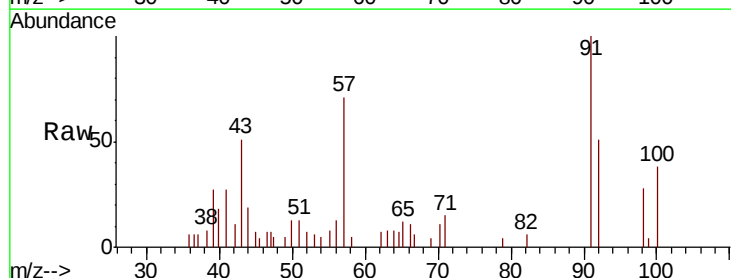
Instrument :
MSVOA_X
ClientSampled :
Z3-0673

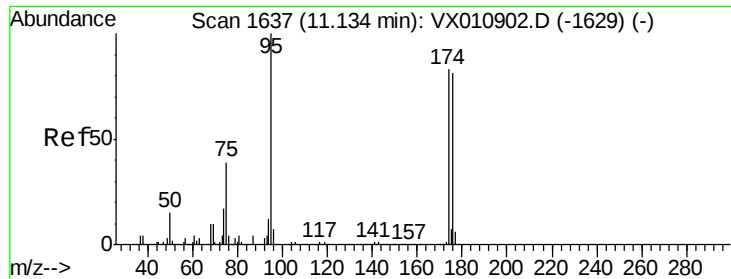
Tot Ion: 98 Resp: 352301
Ion Ratio Lower Upper
98 100
100 64.6 50.6 75.8



#52
Toluene
Concen: 0.205 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

Tgt Ion: 92 Resp: 983
Ion Ratio Lower Upper
92 100
91 190.7 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 49.655 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampled :

Z3-0673

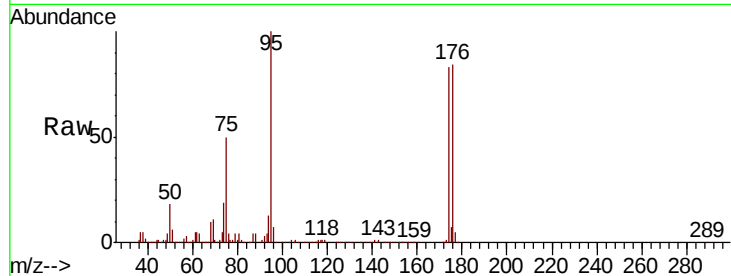
Tot Ion: 95 Resp: 126200

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.6

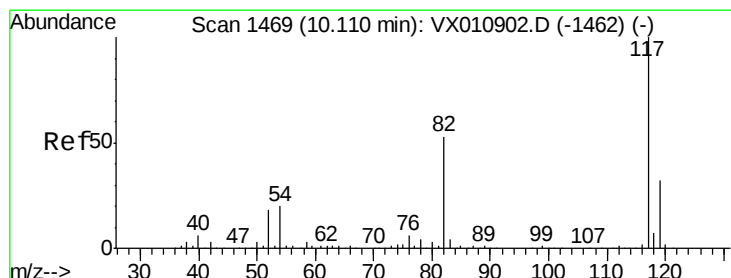
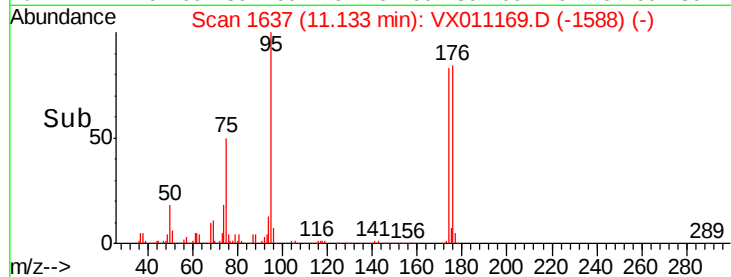
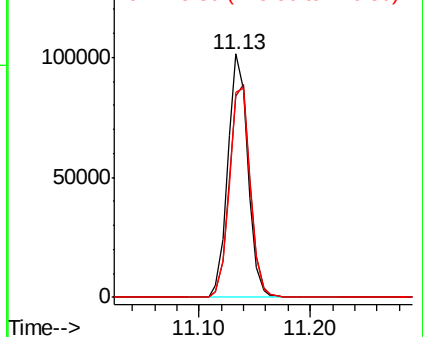
176 88.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

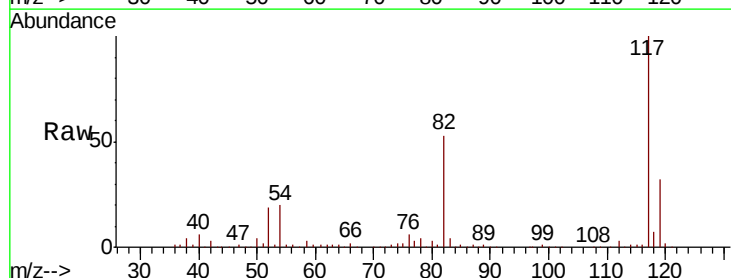
Tgt Ion: 117 Resp: 277448

Ion Ratio Lower Upper

117 100

82 52.8 42.6 63.8

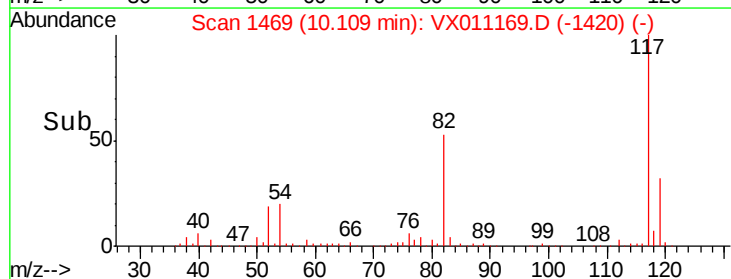
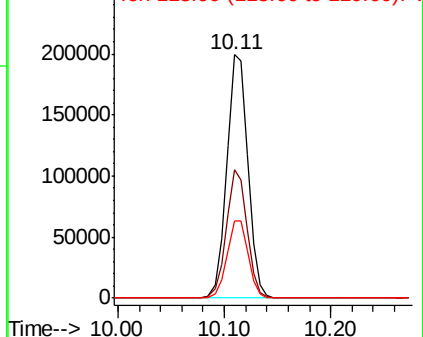
119 31.9 25.9 38.9

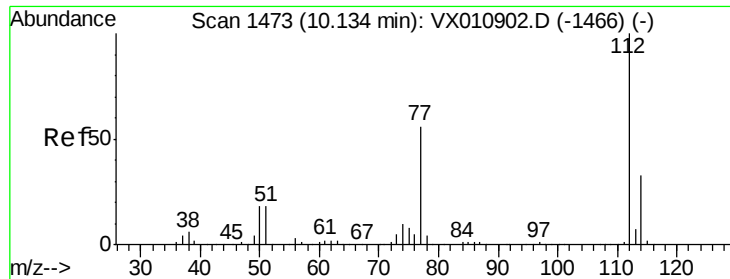


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

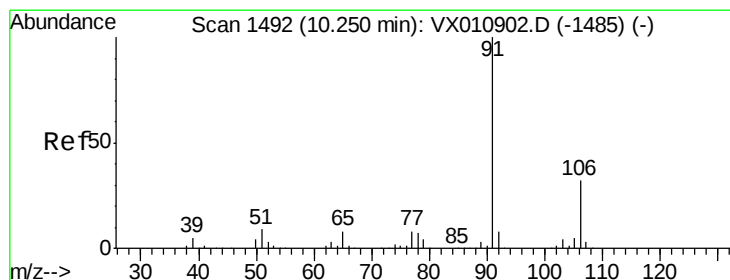
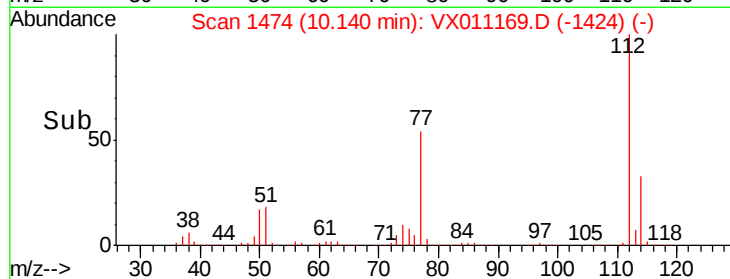
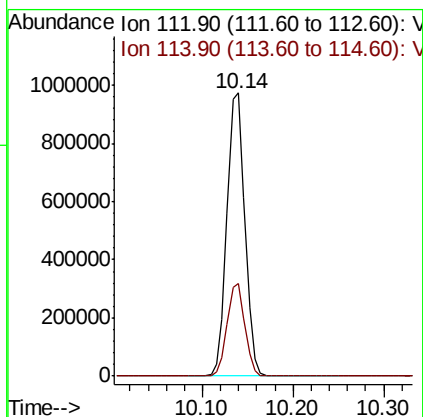
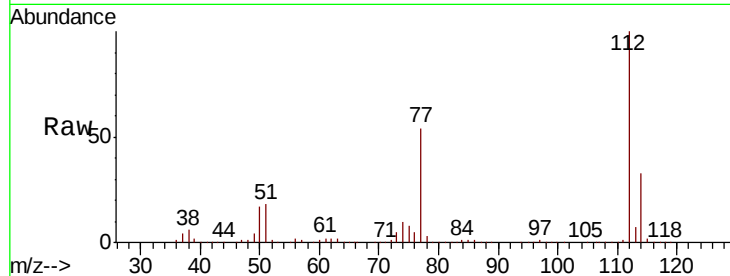




#65
Chlorobenzene
Concen: 235.181 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

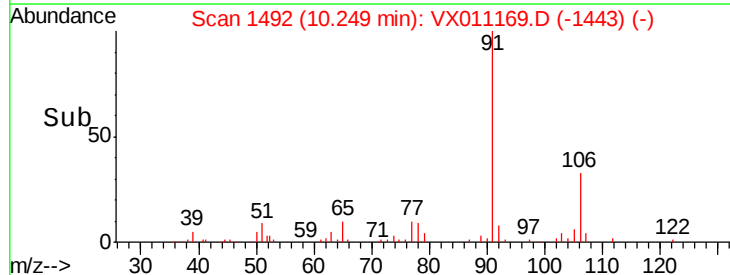
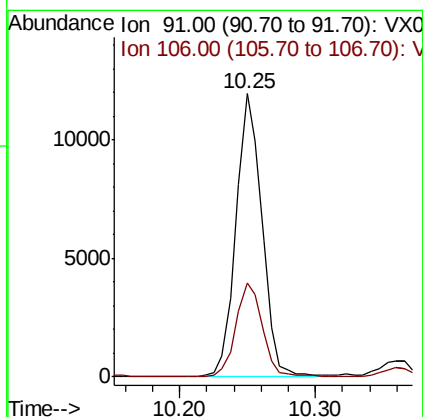
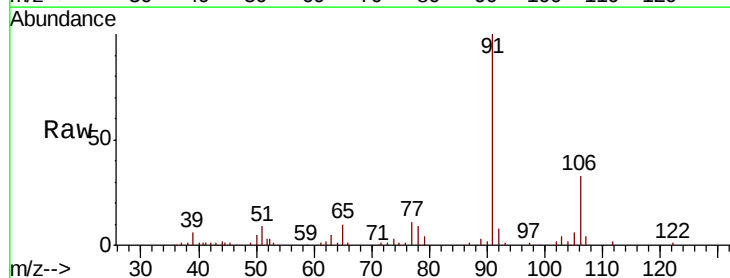
Instrument :
MSVOA_X
ClientSampled :
Z3-0673

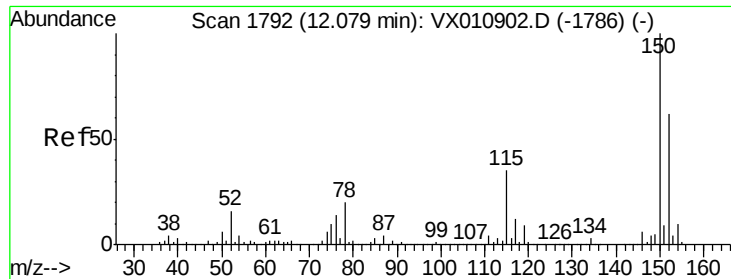
Tot Ion:112 Resp: 1340188
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4



#67
Ethyl Benzene
Concen: 1.645 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011169.D
Acq: 30 Jul 2019 01:33

Tgt Ion: 91 Resp: 15957
Ion Ratio Lower Upper
91 100
106 33.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

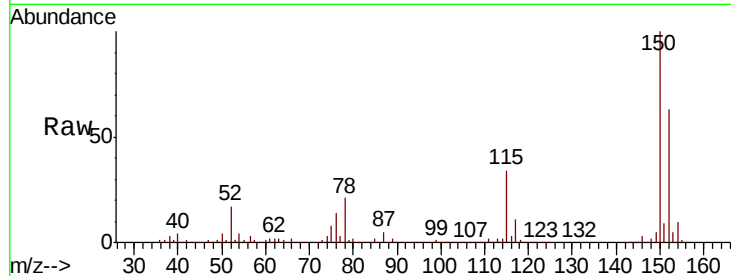
Z3-0673

Tot Ion:152 Resp: 131859

Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.7	119.1
150	162.5	0.0	345.6

115 55.9 39.7 119.1

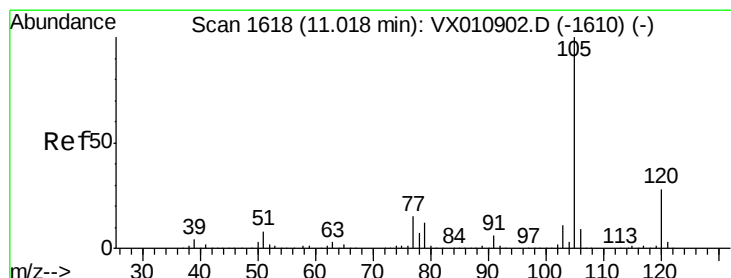
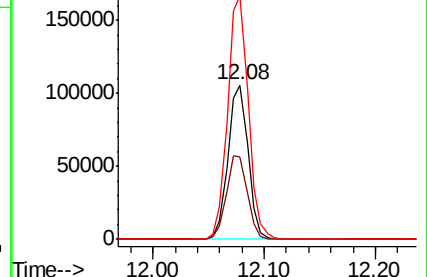
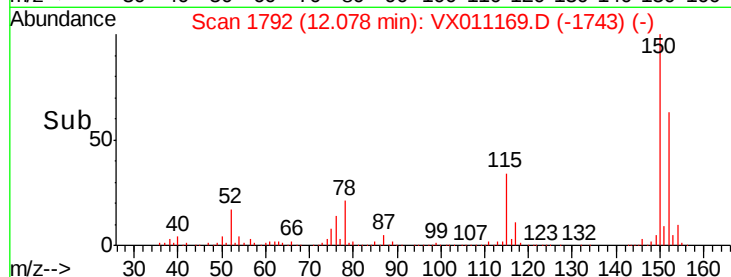
150 162.5 0.0 345.6



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: 0.640 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011169.D

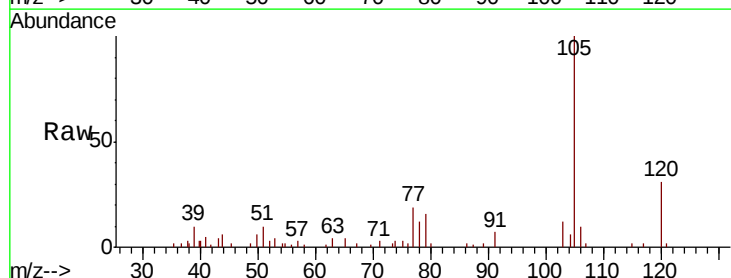
Acq: 30 Jul 2019 01:33

Tgt Ion:105 Resp: 5700

Ion	Ratio	Lower	Upper
105	100		
120	29.2	13.7	41.1

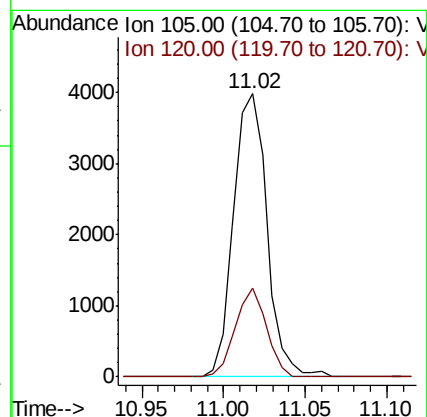
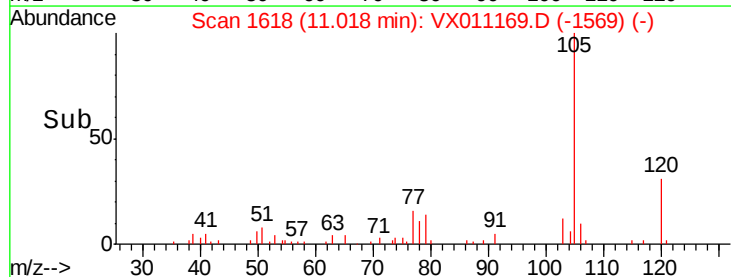
105 100

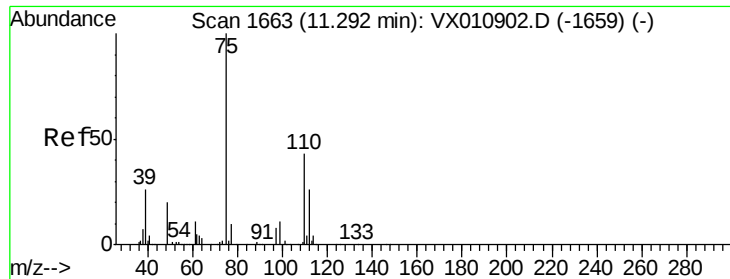
120 29.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

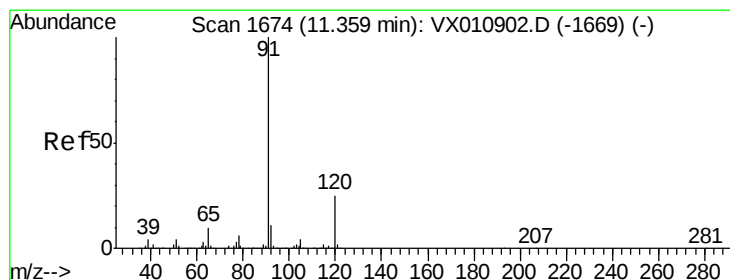
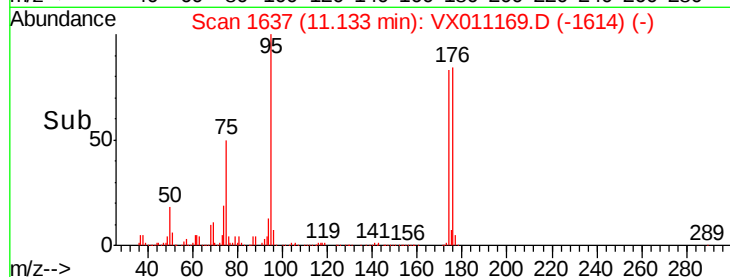
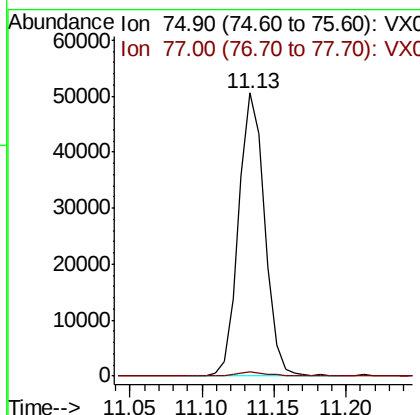
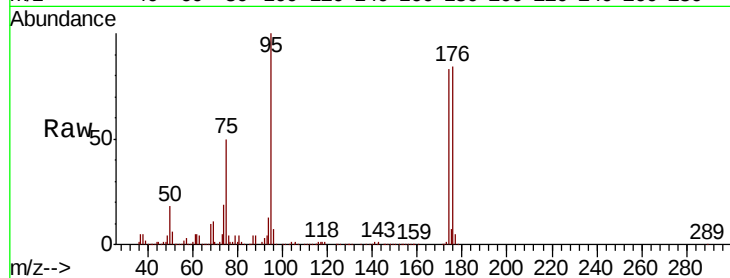




#76
 1,2,3-Trichloropropane
 Concen: 26.888 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011169.D
 Acq: 30 Jul 2019 01:33

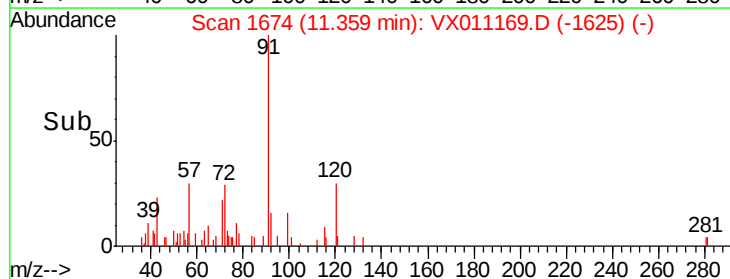
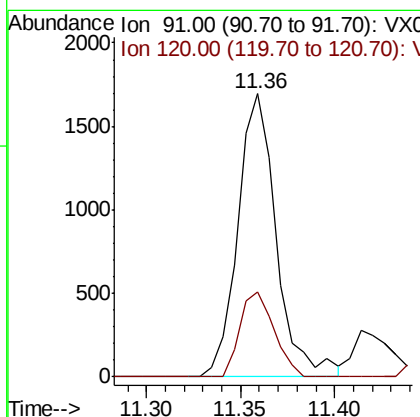
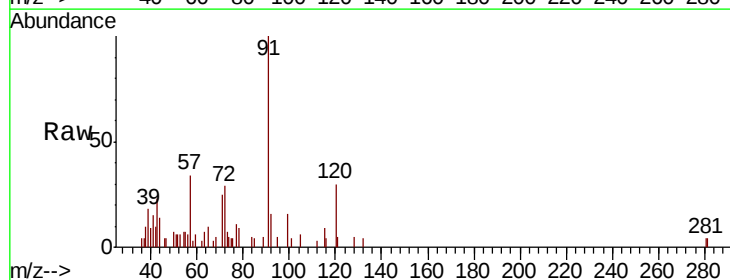
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0673

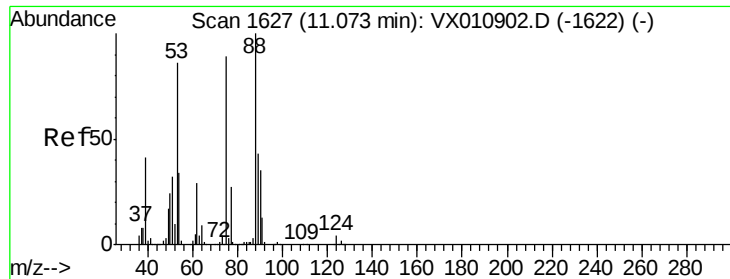
Tot Ion: 75 Resp: 63980
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.3 64.0#



#78
 n-propylbenzene
 Concen: 0.244 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX011169.D
 Acq: 30 Jul 2019 01:33

Tgt Ion: 91 Resp: 2399
 Ion Ratio Lower Upper
 91 100
 120 26.6 12.3 36.8





#81

trans-1,4-Dichloro-2-butene

Concen: 66.681 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

Z3-0673

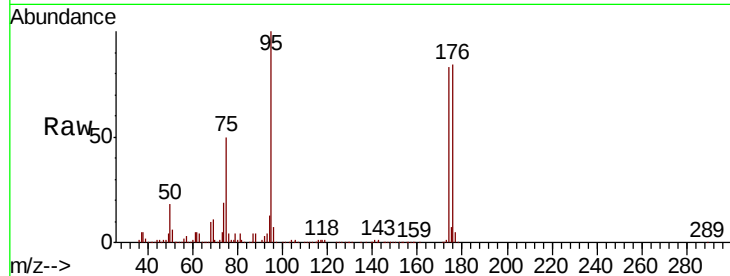
Tot Ion: 75 Resp: 63980

Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

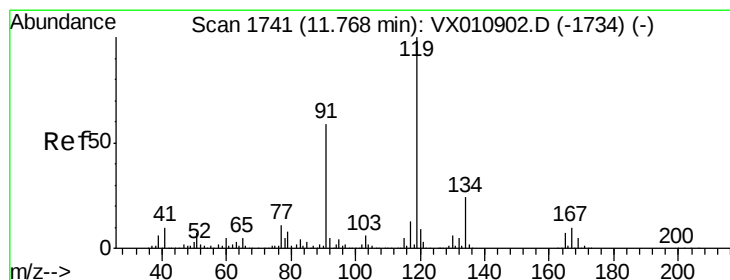
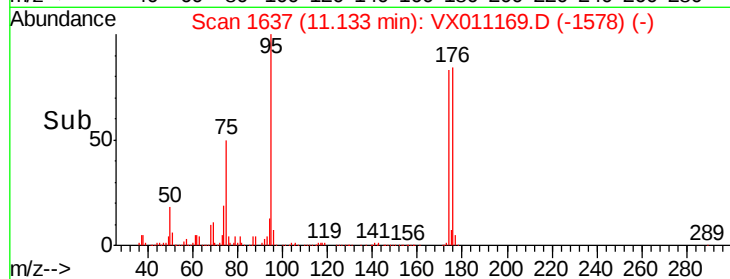
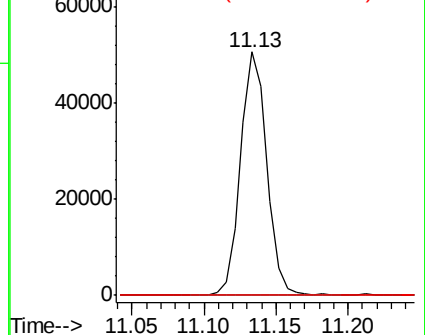
89 0.1 38.5 57.7#



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



#83

tert-Butylbenzene

Concen: 0.262 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

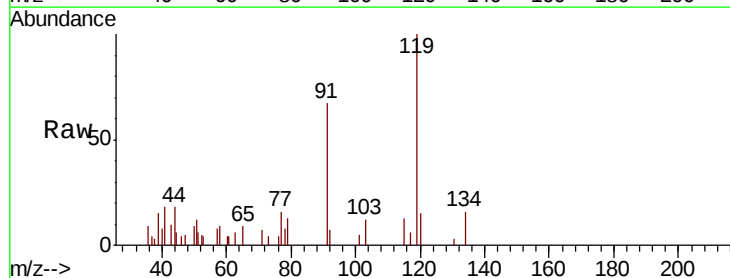
Tgt Ion: 119 Resp: 1915

Ion Ratio Lower Upper

119 100

91 61.1 28.6 85.8

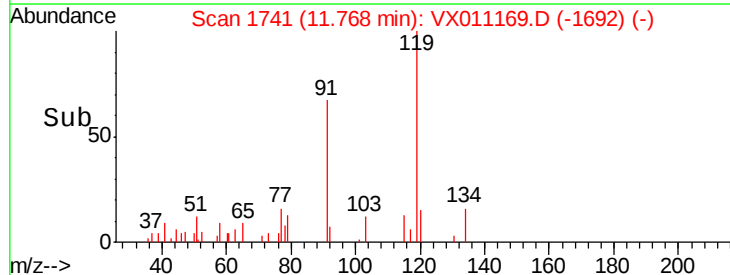
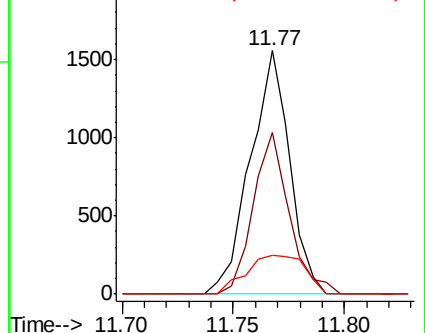
134 23.6 11.6 34.8

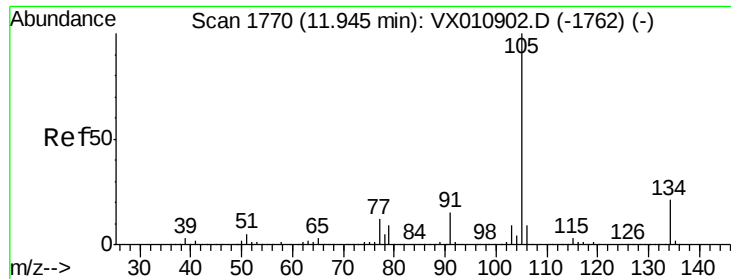


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 0.431 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

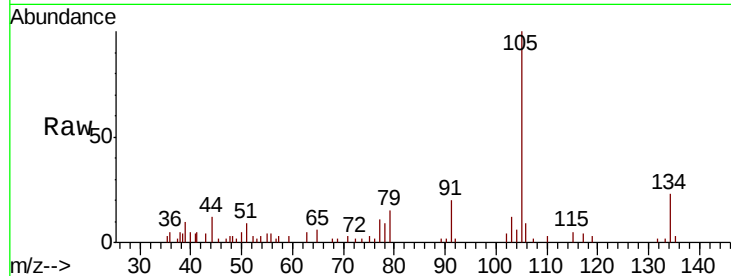
Z3-0673

Tot Ion:105 Resp: 3696

Ion Ratio Lower Upper

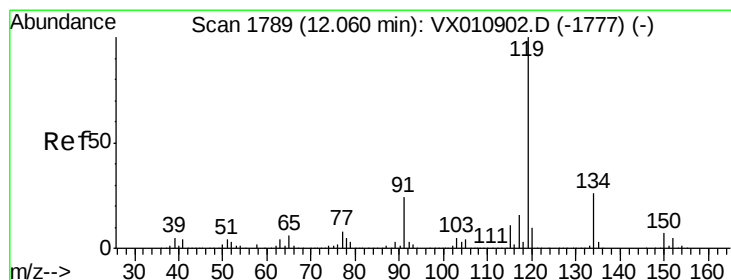
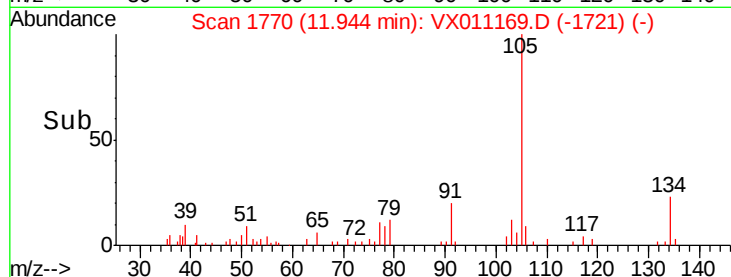
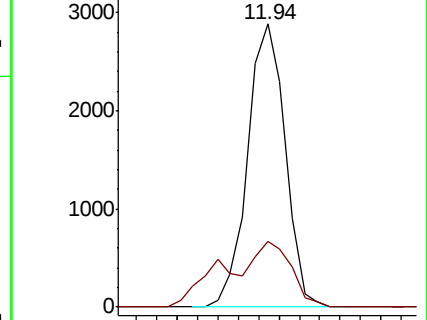
105 100

134 23.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.341 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

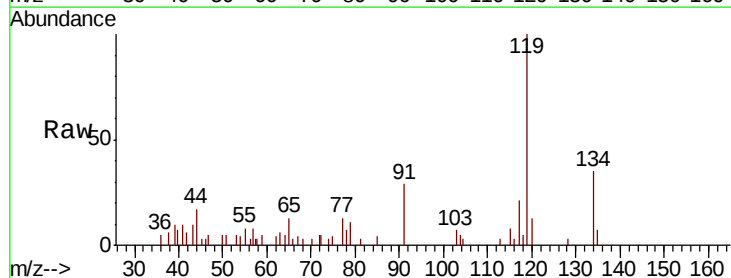
Tgt Ion:119 Resp: 2700

Ion Ratio Lower Upper

119 100

134 27.8 13.4 40.1

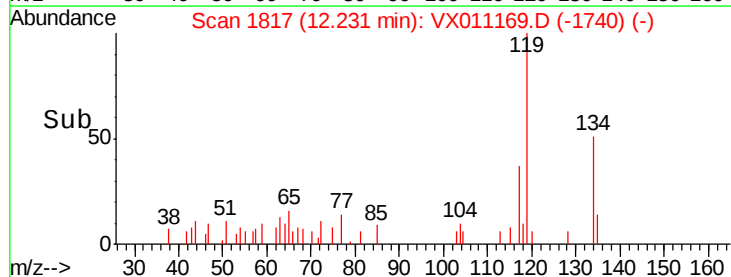
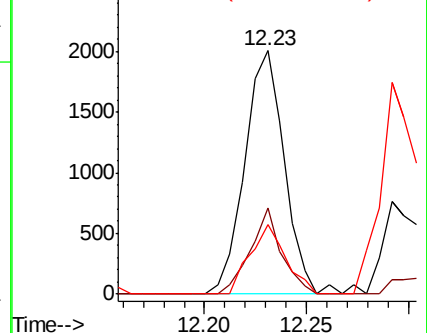
91 25.8 11.8 35.4

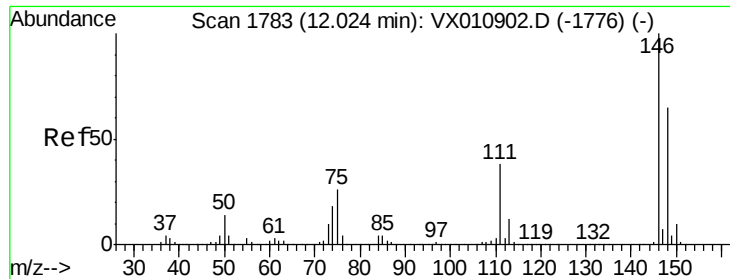


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.240 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

Z3-0673

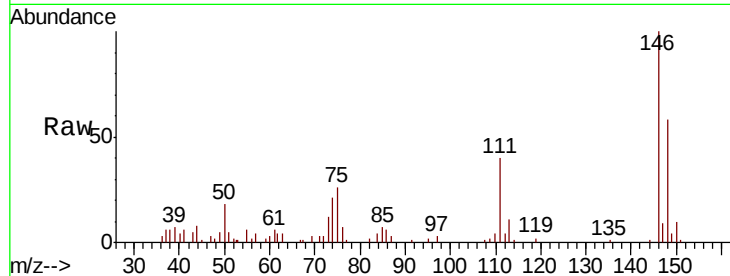
Tot Ion:146 Resp: 5287

Ion Ratio Lower Upper

146 100

111 39.9 18.9 56.9

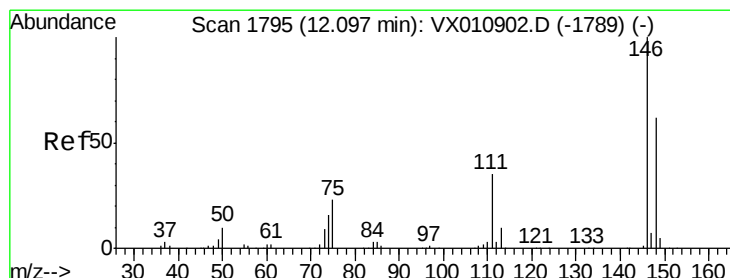
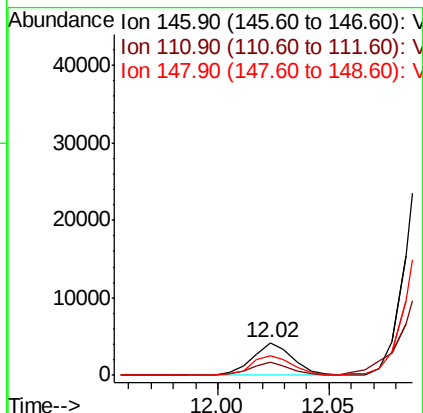
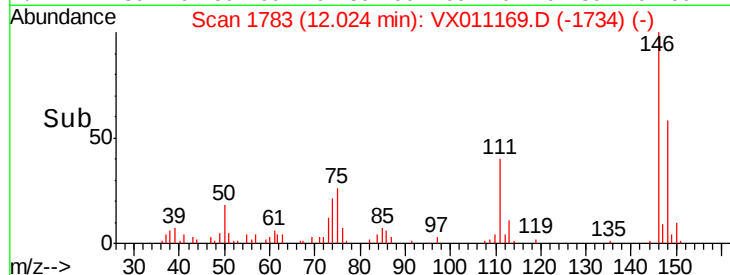
148 61.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 10.083 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

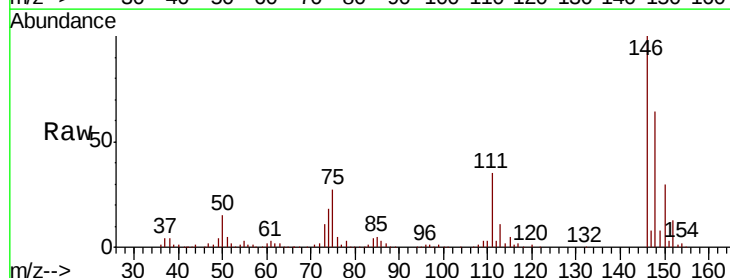
Tgt Ion:146 Resp: 44106

Ion Ratio Lower Upper

146 100

111 39.9 18.6 55.8

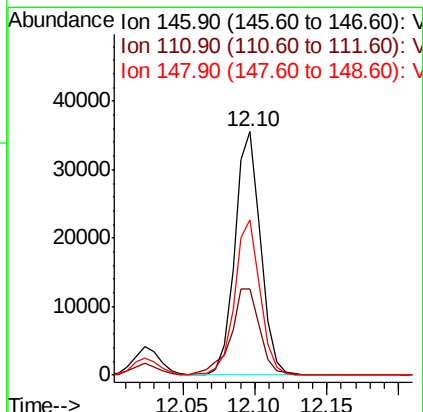
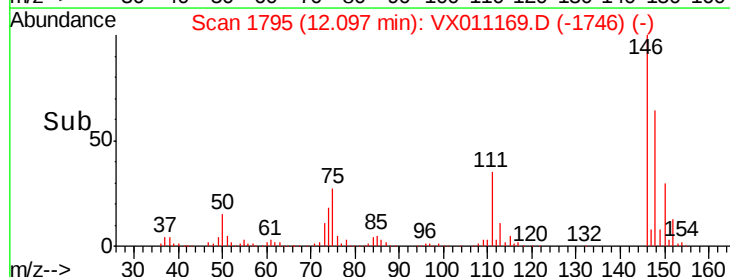
148 63.6 31.6 94.7

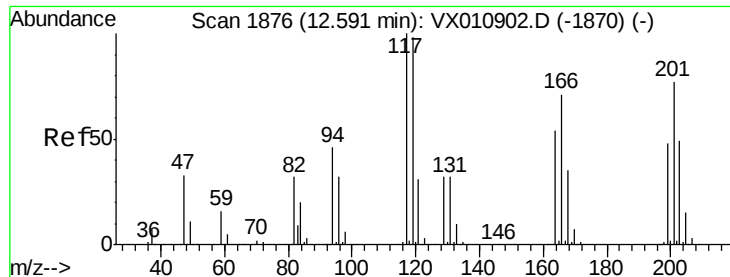


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 1.461 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.11 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

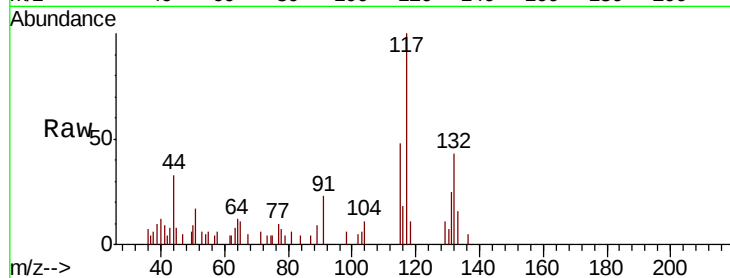
Z3-0673

Tot Ion:117 Resp: 1826

Ion Ratio Lower Upper

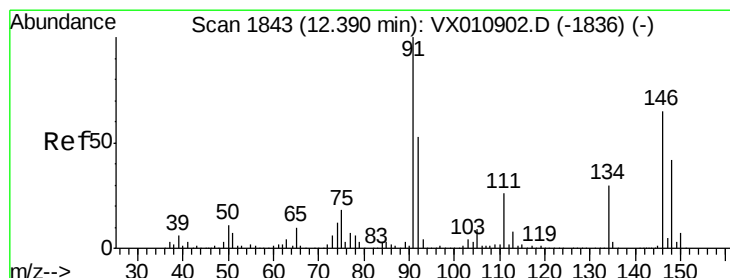
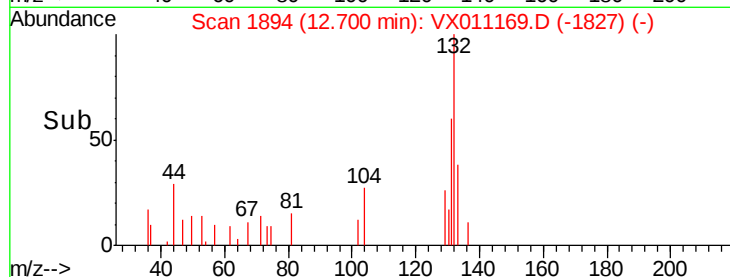
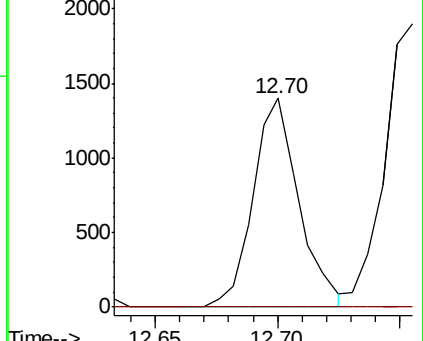
117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.559 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011169.D

Acq: 30 Jul 2019 01:33

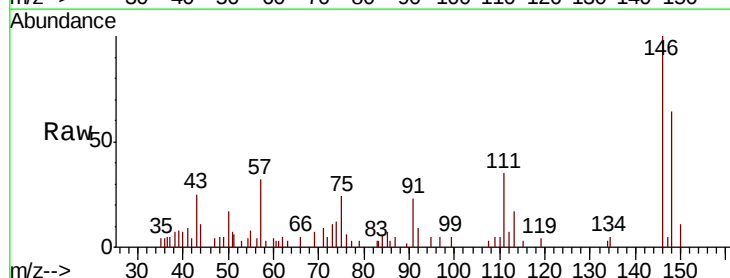
Tgt Ion:146 Resp: 2363

Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.7

148 62.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

