

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
 Data File : VX011535.D
 Acq On : 13 Aug 2019 14:54
 Operator : JC/SP
 Sample : K4279-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668

Quant Time: Aug 14 01:07:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	210874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	145391	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	114131	53.74	ug/l	0.00
Spiked Amount			Recovery	=	107.48%	
35) Dibromofluoromethane	5.49	113	92160	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	
50) Toluene-d8	8.71	98	359996	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.13	95	130434	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	319	Below Cal	#	43
11) Tert butyl alcohol	3.01	59	1401	3.331	ug/l #	72
14) Allyl chloride	2.84	41	8051	3.148	ug/l #	69
15) Acrylonitrile	3.16	53	2880	2.850	ug/l #	37
16) Acetone	2.39	43	9072	8.975	ug/l #	50
18) Methyl Acetate	2.84	43	19262	8.339	ug/l #	49
25) 2-Butanone	4.70	43	655	0.456	ug/l #	46
30) Chloroform	5.28	83	782	0.217	ug/l #	17
31) Cyclohexane	5.57	56	184875	67.601	ug/l	96
36) 1,1-Dichloropropene	5.65	75	14523	5.464	ug/l #	43
38) Carbon Tetrachloride	5.65	117	20155	7.537	ug/l #	15
39) Methylcyclohexane	7.46	83	70536	22.388	ug/l	96
40) Benzene	6.14	78	47237	5.956	ug/l	97
43) Isopropyl Acetate	6.46	43	1325	0.311	ug/l #	59
48) Methyl methacrylate	7.73	41	3052	1.521	ug/l #	56
52) Toluene	8.78	92	1549	0.295	ug/l	88
53) t-1,3-Dichloropropene	9.04	75	40	2.851	ug/l #	53
55) 1,1,2-Trichloroethane	9.16	97	2327	1.079	ug/l #	20
67) Ethyl Benzene	10.25	91	1571738	157.115	ug/l	98
68) m/p-Xylenes	10.36	106	35943	9.289	ug/l	97
69) o-Xylene	10.70	106	4644	1.222	ug/l	97
73) Isopropylbenzene	11.02	105	160592	16.150	ug/l	99
74) N-amyl acetate	10.94	43	1320	0.367	ug/l #	41
76) 1,2,3-Trichloropropane	11.13	75	67394	25.453	ug/l #	35
78) n-propylbenzene	11.36	91	198668	17.966	ug/l	99
79) 2-Chlorotoluene	11.36	91	198668	30.143	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.66	105	526693	63.275	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.13	75	67394	66.340	ug/l #	10
82) 4-Chlorotoluene	11.36	91	198668	25.864	ug/l #	42
83) tert-Butylbenzene	11.80	119	137247	16.811	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.80	105	1099739	132.698	ug/l	99
85) sec-Butylbenzene	11.80	105	1099655	112.111	ug/l #	55
86) p-Isopropyltoluene	12.06	119	5932	0.657	ug/l #	76
89) n-Butylbenzene	12.38	91	8033	1.033	ug/l #	47

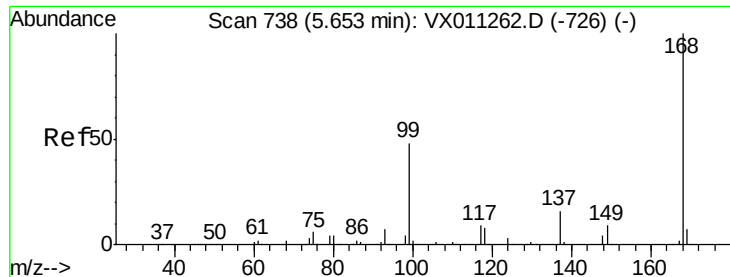
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
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Quant Time: Aug 14 01:07:13 2019
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	3858	2.892	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.02	75	543	0.846	ug/l #	1
95) Naphthalene	13.83	128	539119	56.787	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampled :

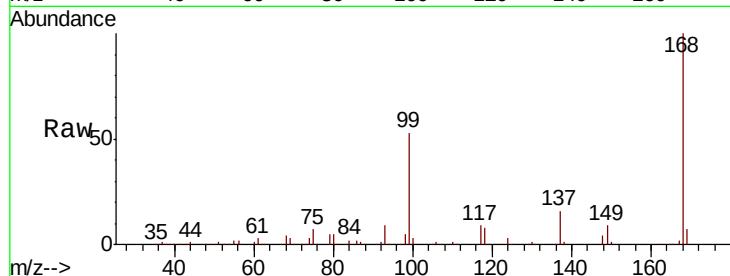
Z3-0668

Tgt Ion:168 Resp: 210874

Ion Ratio Lower Upper

168 100

99 52.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

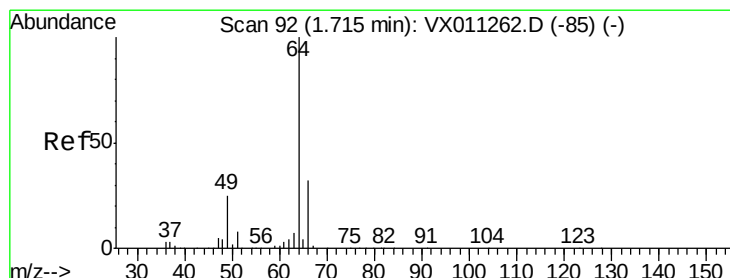
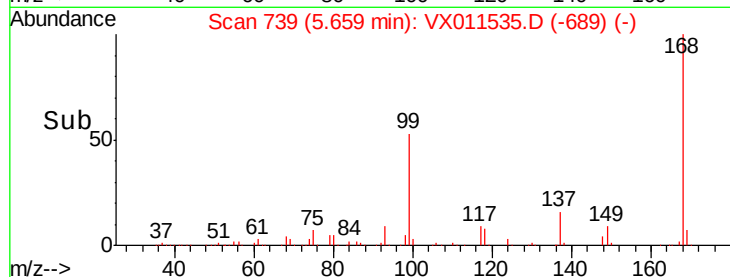
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX011535.D

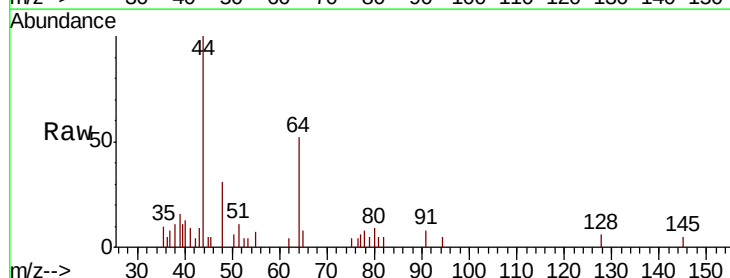
Acq: 13 Aug 2019 14:54

Tgt Ion: 64 Resp: 319

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

600

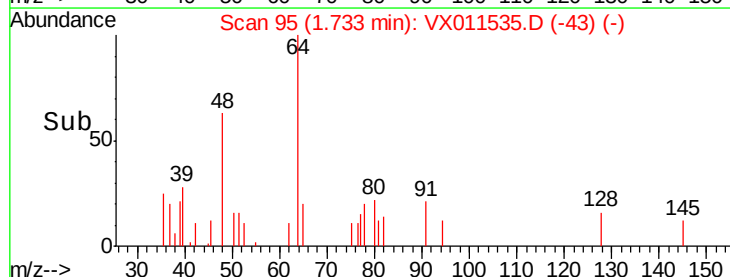
400

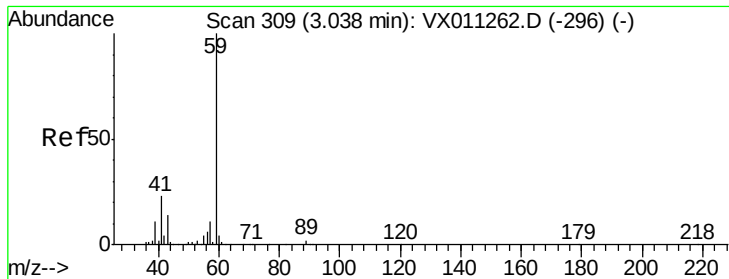
200

0

Time-->

1.72 1.74 1.76

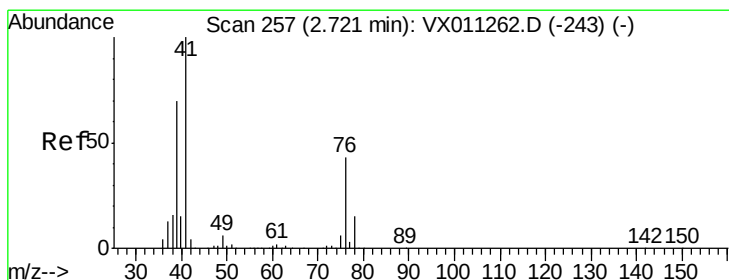
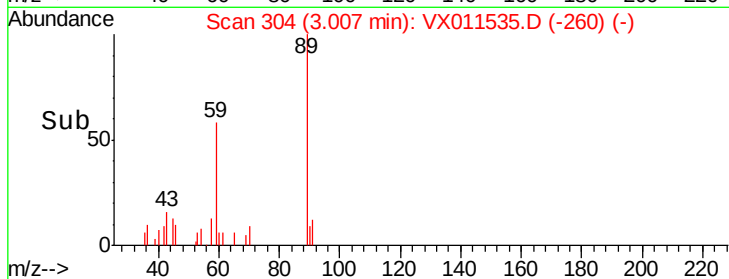
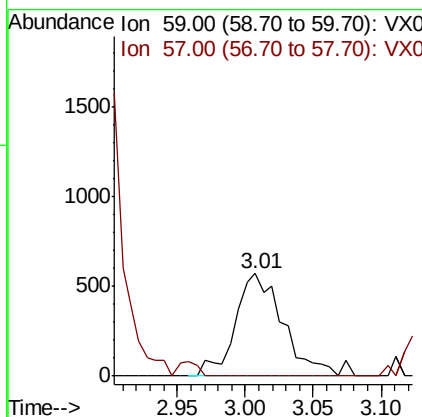
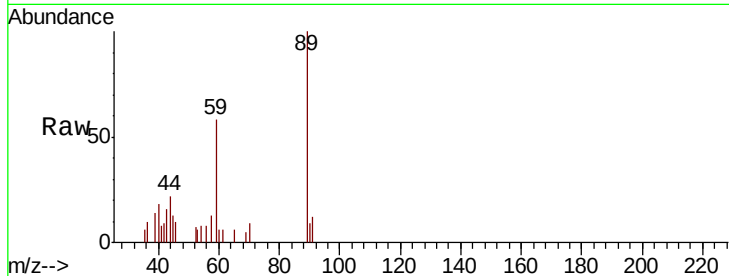




#11
Tert butyl alcohol
Concen: 3.331 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

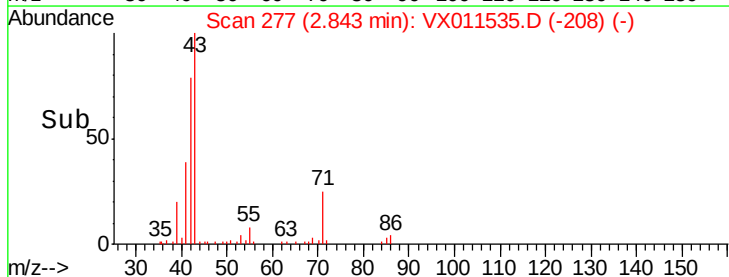
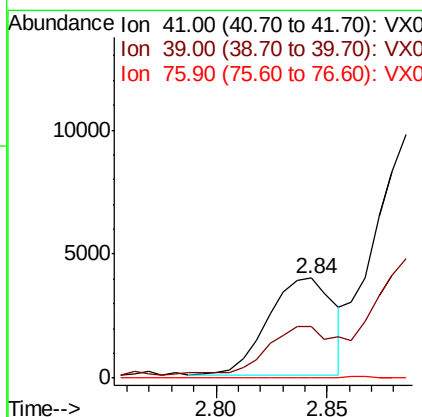
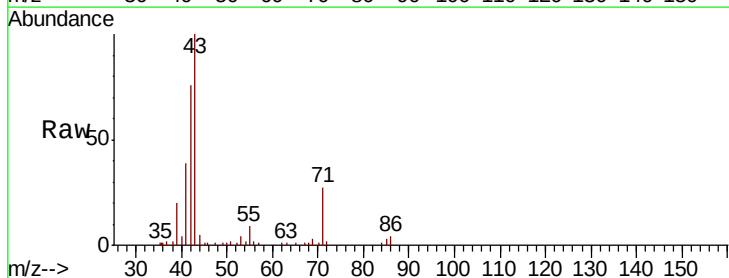
Instrument :
MSVOA_X
ClientSampled :
Z3-0668

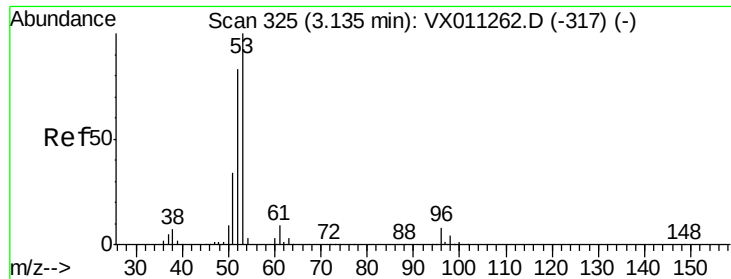
Tgt Ion: 59 Resp: 1401
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 3.148 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 41 Resp: 8051
Ion Ratio Lower Upper
41 100
39 56.8 52.8 79.2
76 0.0 31.1 46.7#





#15

Acrylonitrile

Concen: 2.850 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.02 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampled :

Z3-0668

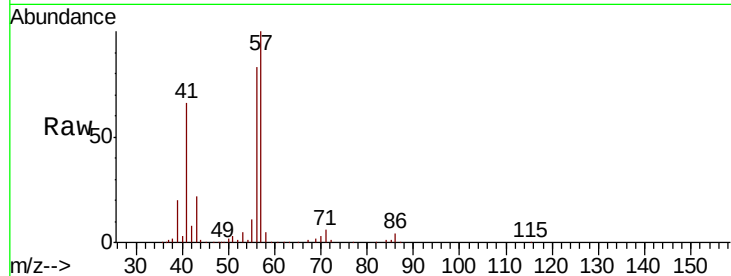
Tgt Ion: 53 Resp: 2880

Ion Ratio Lower Upper

53 100

52 22.5 65.5 98.3#

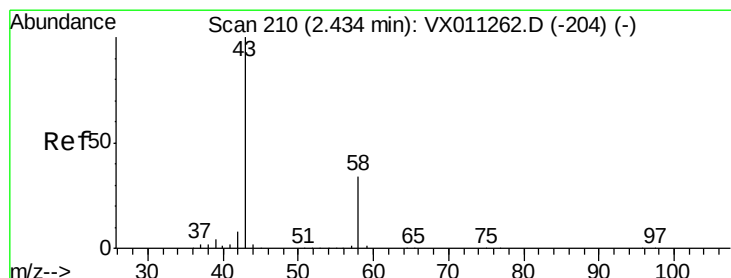
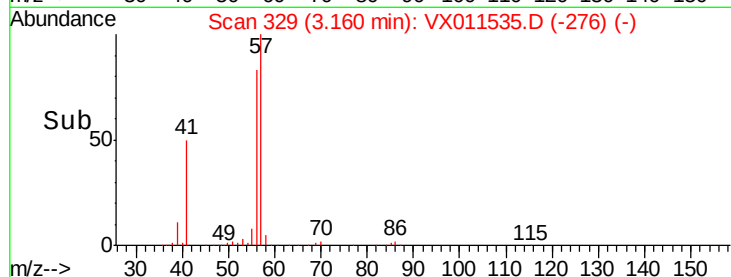
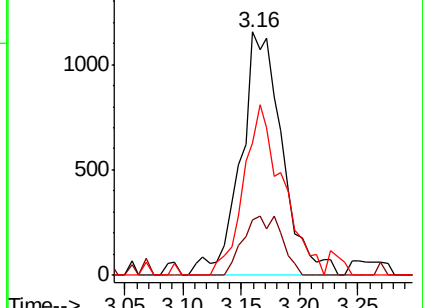
51 65.9 27.9 41.9#



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: 8.975 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.04 min

Lab File: VX011535.D

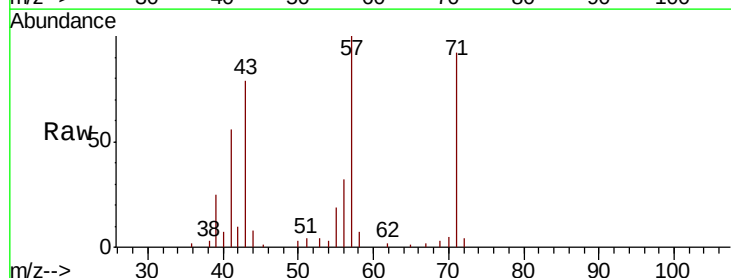
Acq: 13 Aug 2019 14:54

Tgt Ion: 43 Resp: 9072

Ion Ratio Lower Upper

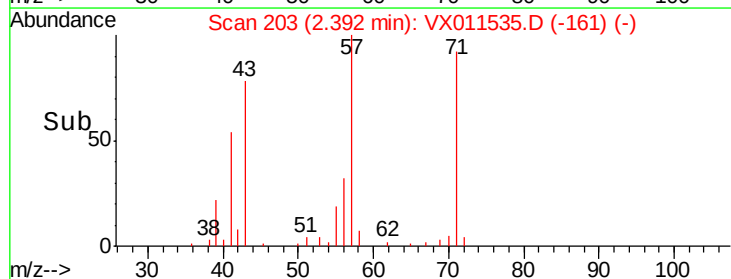
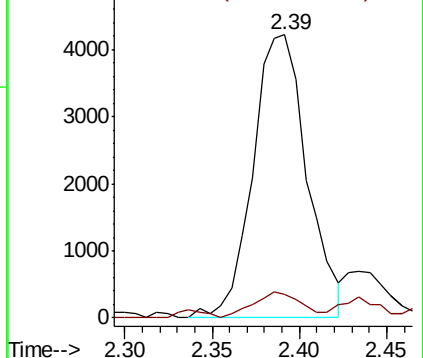
43 100

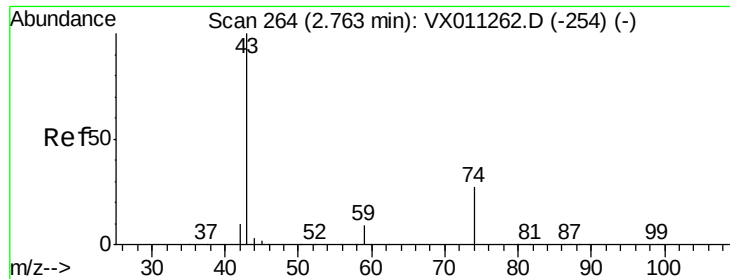
58 5.3 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

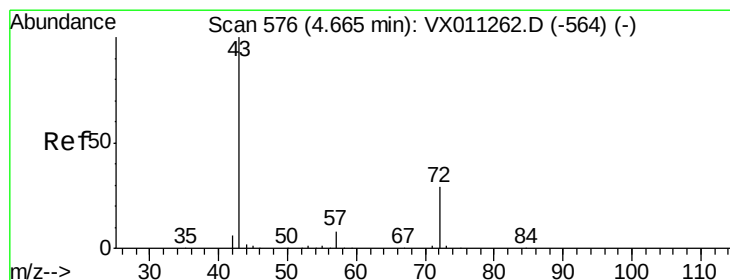
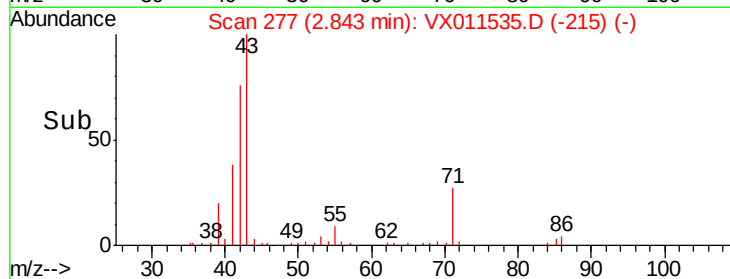
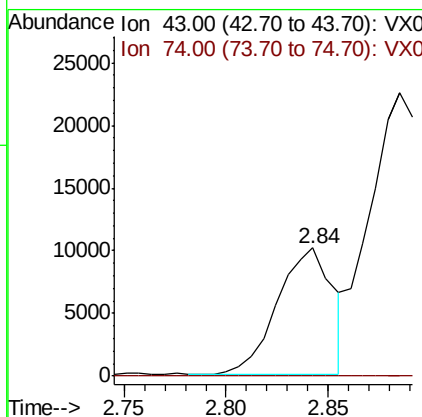
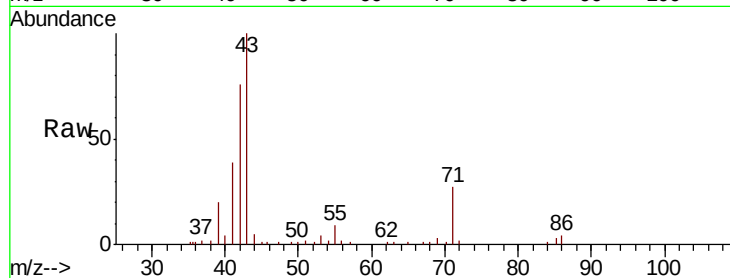




#18
Methyl Acetate
Concen: 8.339 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.08 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

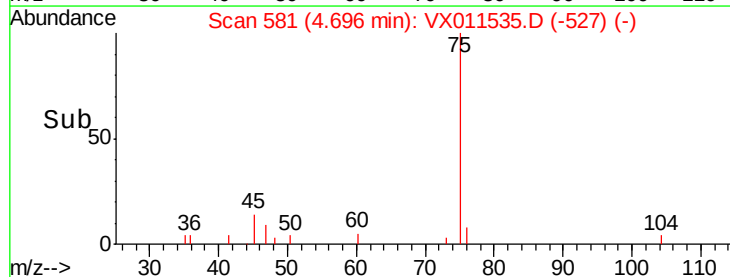
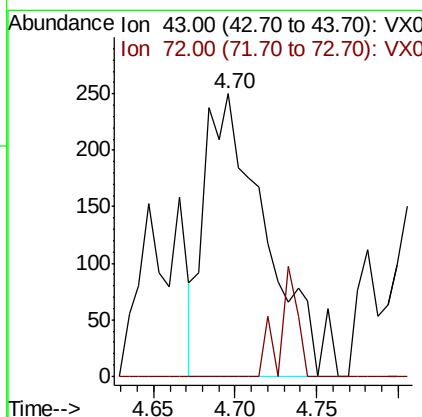
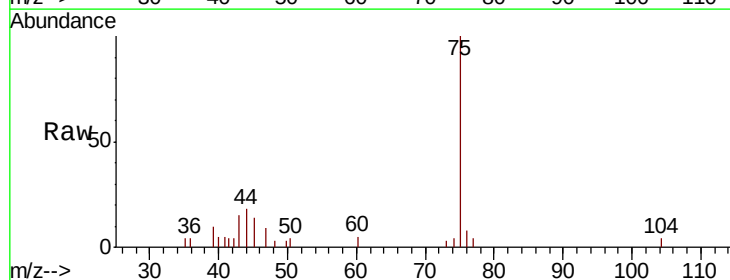
Instrument :
MSVOA_X
ClientSampled :
Z3-0668

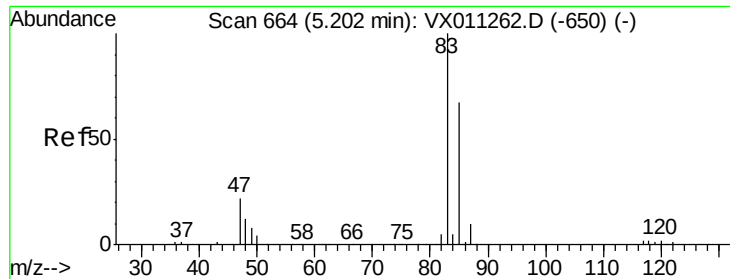
Tgt Ion: 43 Resp: 19262
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#



#25
2-Butanone
Concen: 0.456 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.03 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#

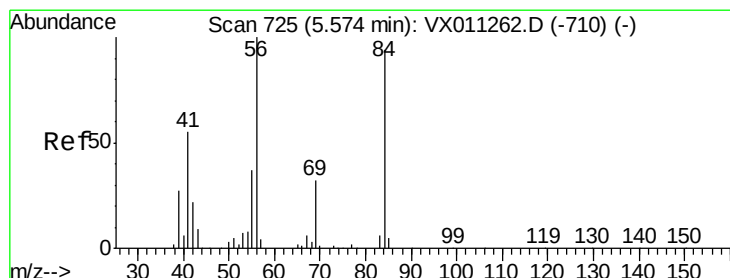
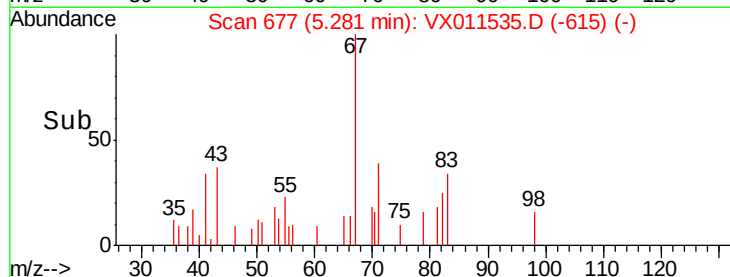
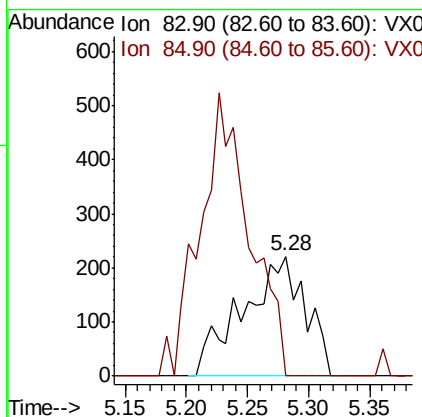
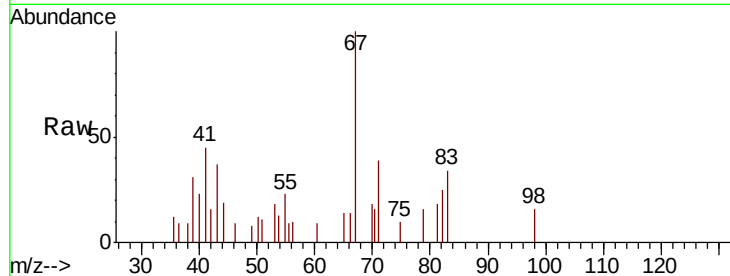




#30
Chloroform
Concen: 0.217 ug/l
RT: 5.28 min Scan# 677
Delta R.T. 0.08 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

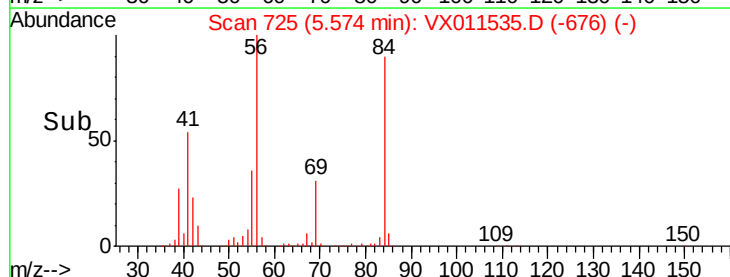
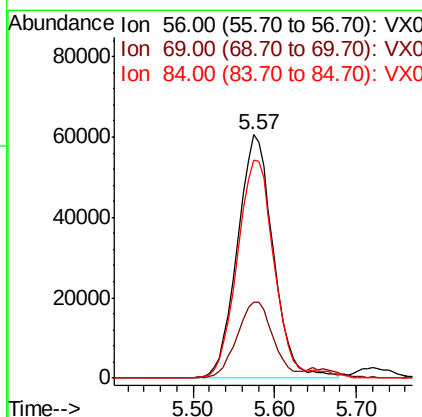
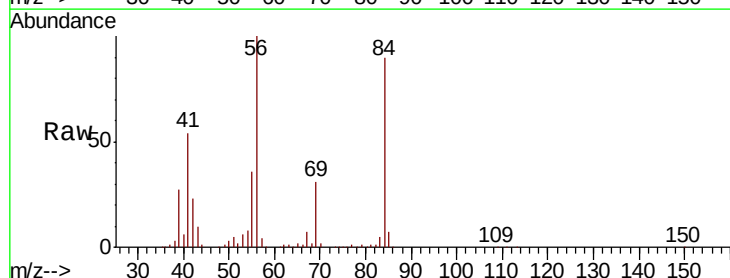
Instrument :
MSVOA_X
ClientSampled :
Z3-0668

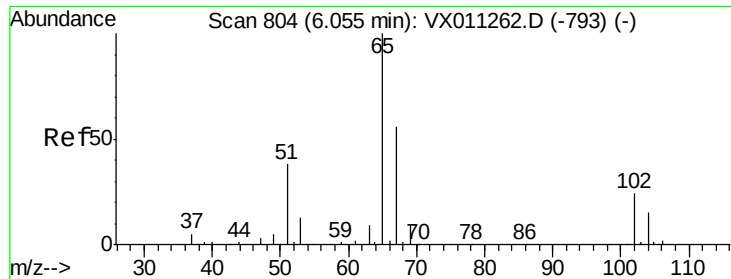
Tgt Ion: 83 Resp: 782
Ion Ratio Lower Upper
83 100
85 0.0 53.4 80.0#



#31
Cyclohexane
Concen: 67.601 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 56 Resp: 184875
Ion Ratio Lower Upper
56 100
69 30.8 25.5 38.3
84 89.7 75.0 112.4

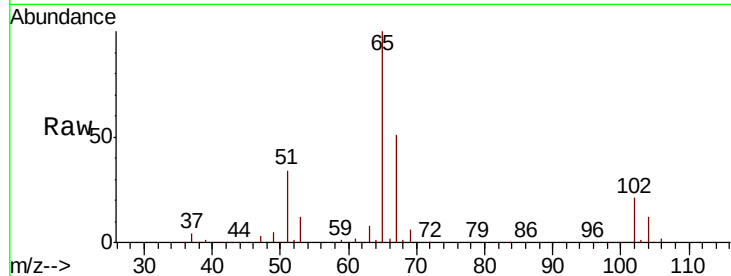




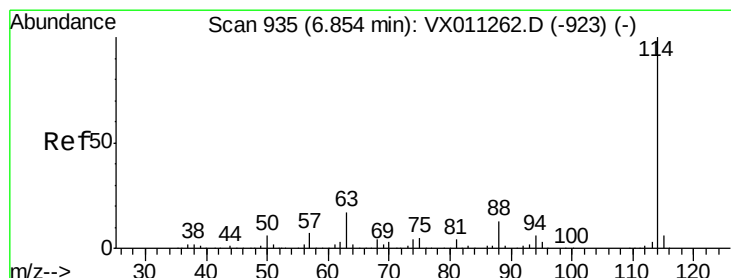
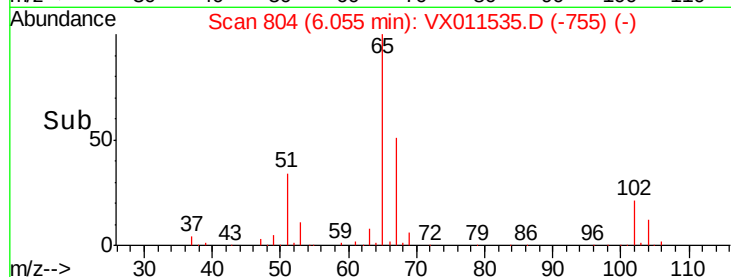
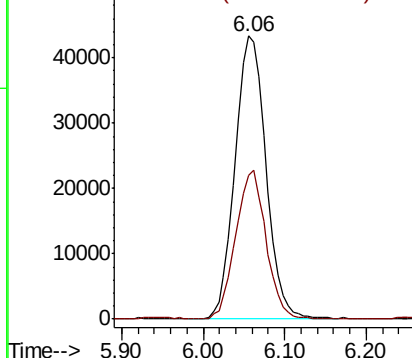
#33
 1,2-Dichloroethane-d4
 Concen: 53.744 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011535.D
 Acq: 13 Aug 2019 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668

Tgt Ion: 65 Resp: 114131
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 110.6

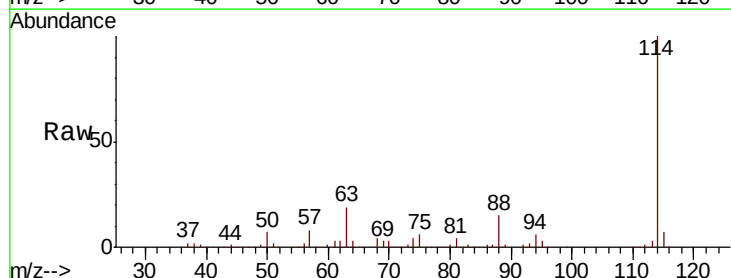


Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

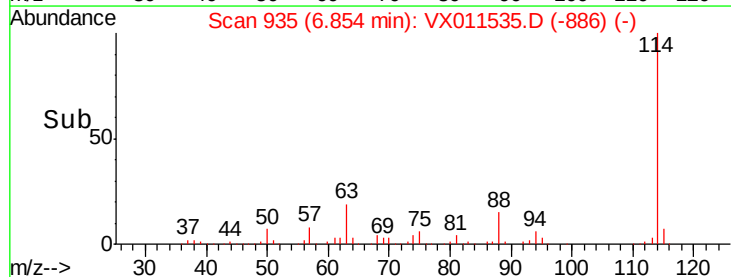
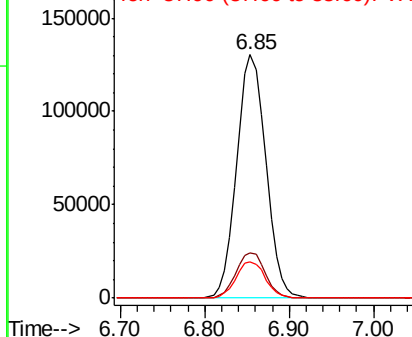


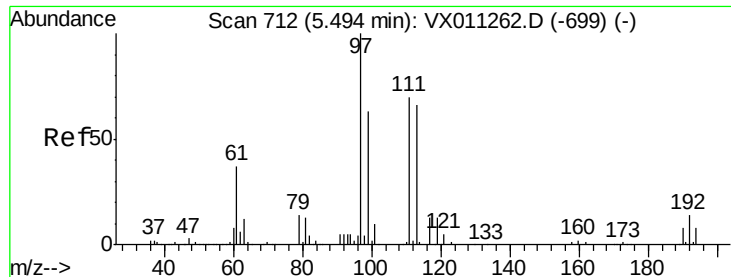
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011535.D
 Acq: 13 Aug 2019 14:54

Tgt Ion: 114 Resp: 304434
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 14.8 0.0 26.4



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.368 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

Z3-0668

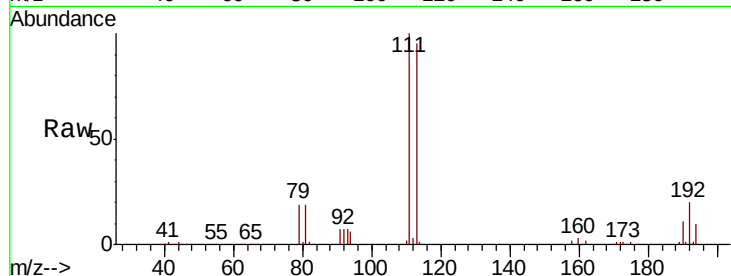
Tgt Ion:113 Resp: 92160

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

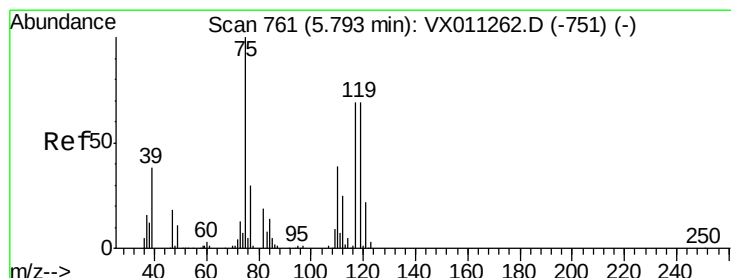
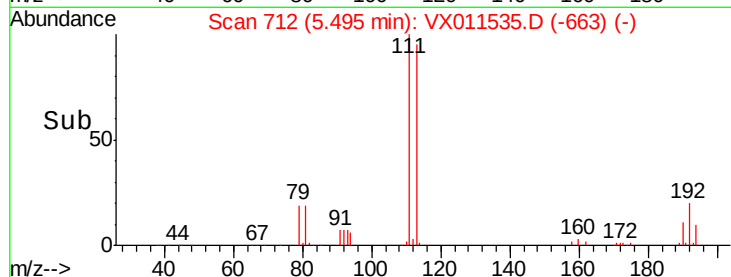
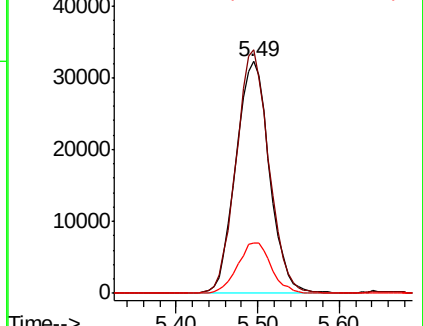
192 21.9 17.8 26.8



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: 5.464 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

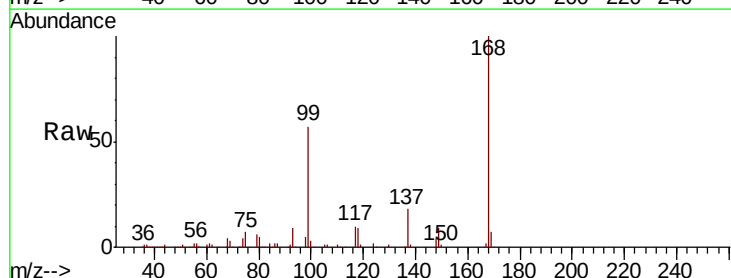
Tgt Ion: 75 Resp: 14523

Ion Ratio Lower Upper

75 100

110 4.8 20.0 59.9#

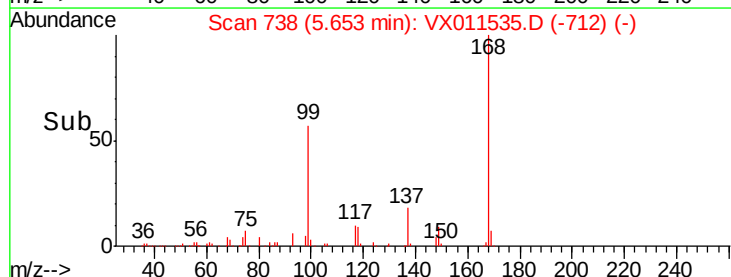
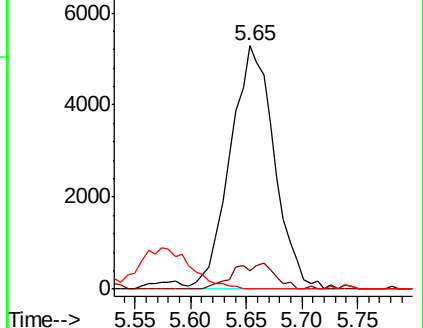
77 0.0 24.8 37.2#

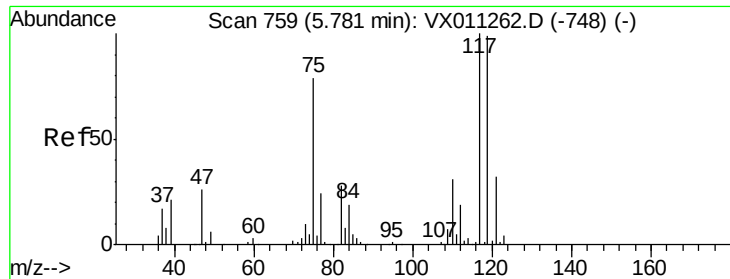


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.537 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

Z3-0668

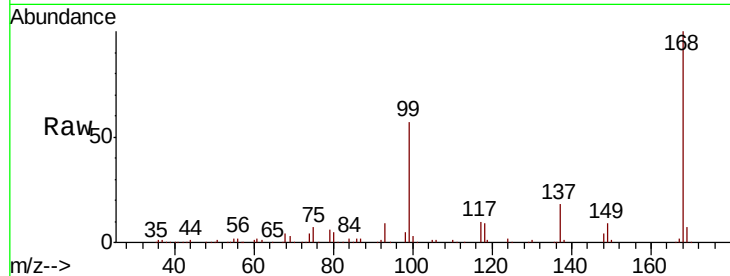
Tgt Ion:117 Resp: 20155

Ion Ratio Lower Upper

117 100

119 5.4 79.0 118.4#

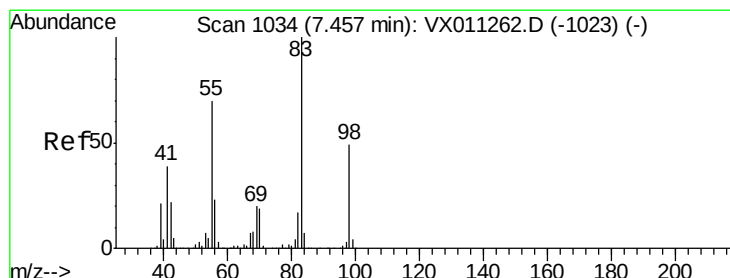
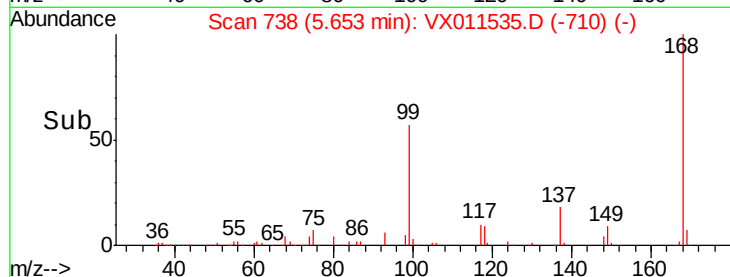
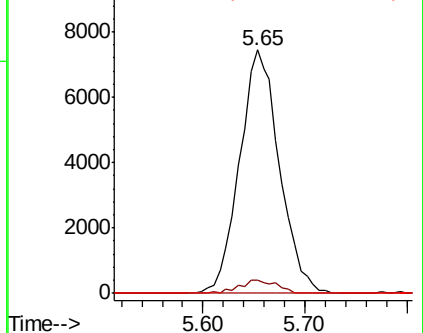
121 0.0 25.9 38.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 22.388 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

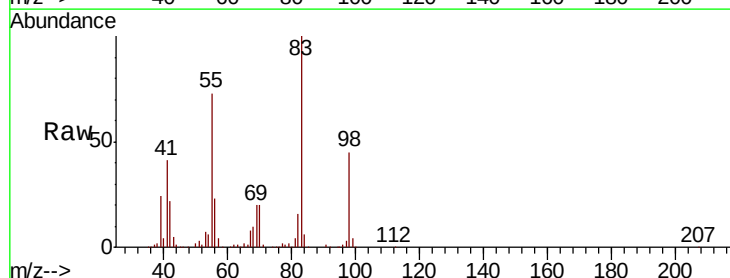
Tgt Ion: 83 Resp: 70536

Ion Ratio Lower Upper

83 100

55 72.7 56.1 84.1

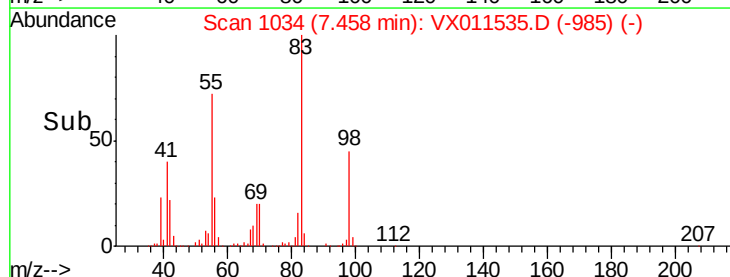
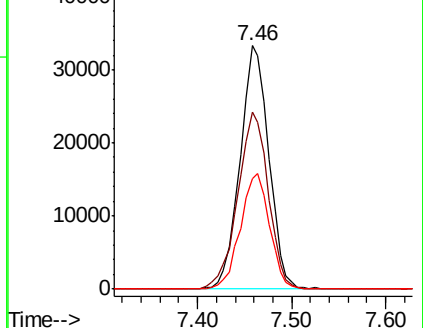
98 45.2 39.0 58.4

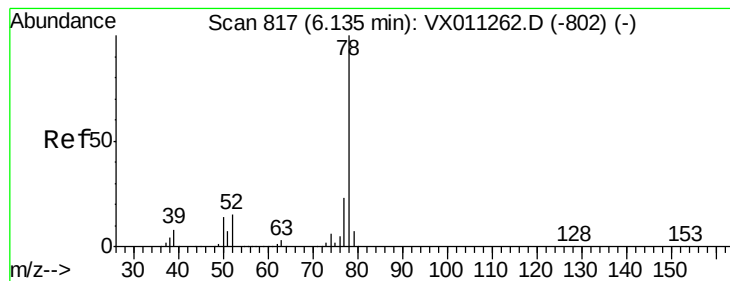


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 5.956 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

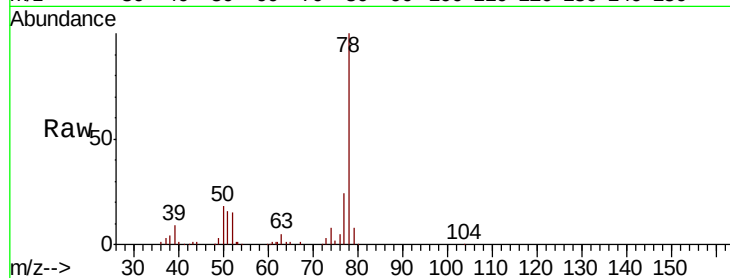
Z3-0668

Tgt Ion: 78 Resp: 47237

Ion Ratio Lower Upper

78 100

77 24.0 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

20000

15000

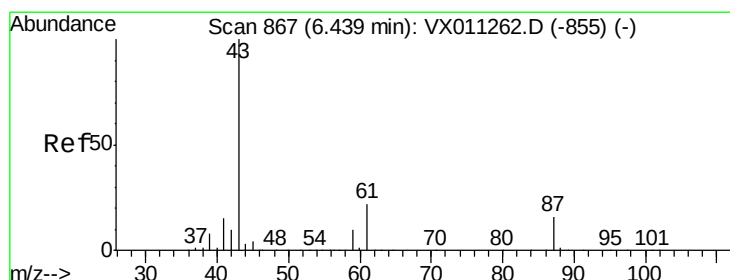
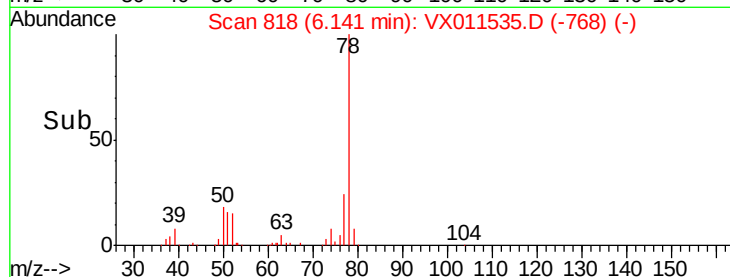
10000

5000

0

Time-->

6.00 6.10 6.20 6.30



#43

Isopropyl Acetate

Concen: 0.311 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.02 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

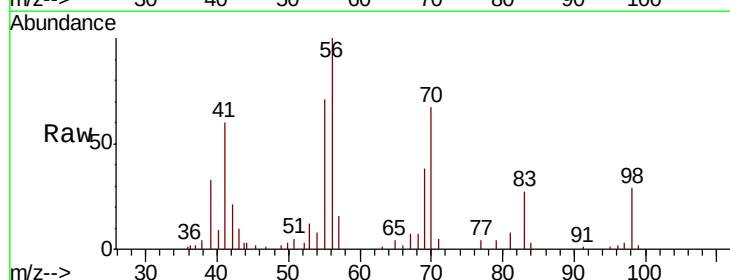
Tgt Ion: 43 Resp: 1325

Ion Ratio Lower Upper

43 100

61 0.0 16.5 24.7#

87 0.0 12.1 18.1#



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

6.46

500

400

300

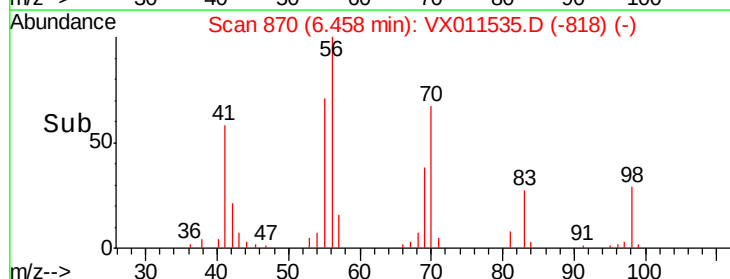
200

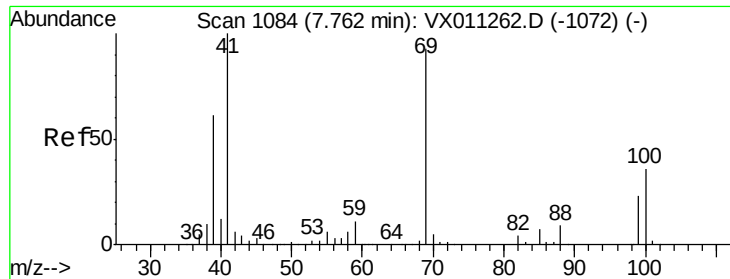
100

0

Time-->

6.40 6.45 6.50 6.55

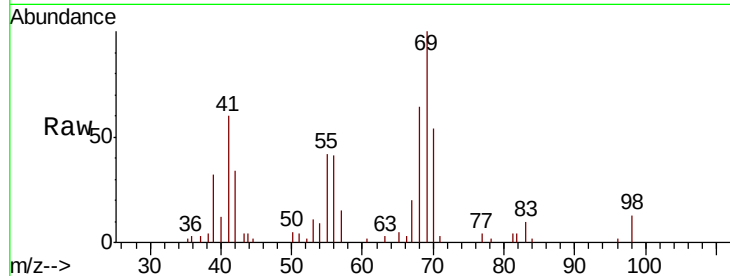




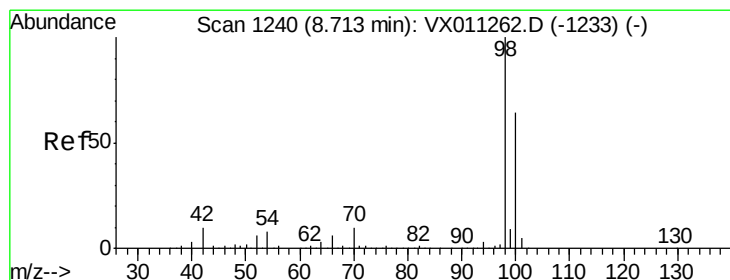
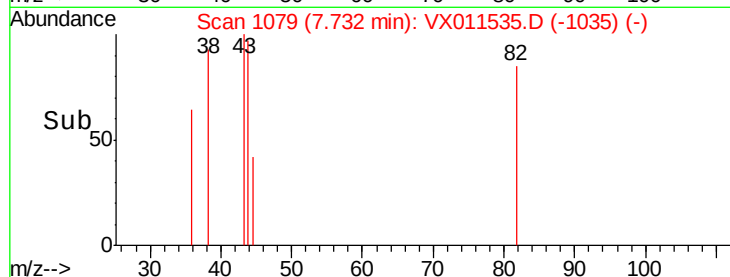
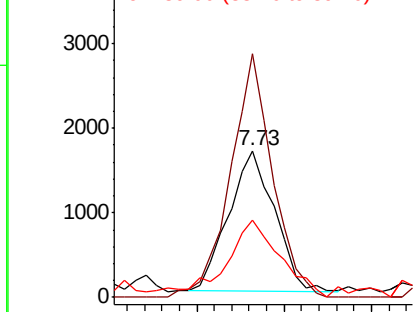
#48
Methyl methacrylate
Concen: 1.521 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.03 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Tgt Ion: 41 Resp: 3052
Ion Ratio Lower Upper
41 100
69 157.5 74.5 111.7#
39 66.6 48.6 72.8

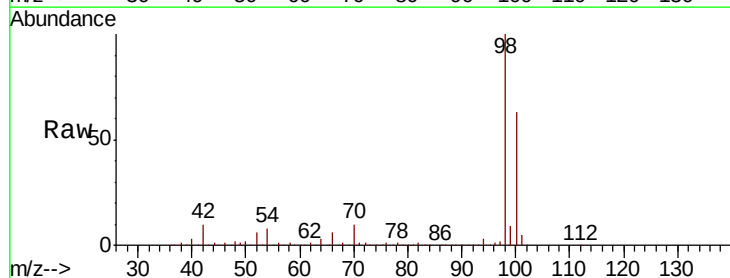


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

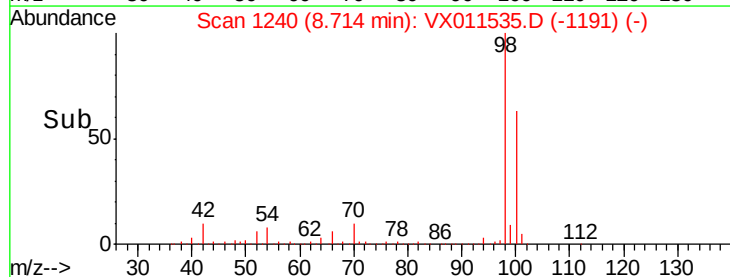
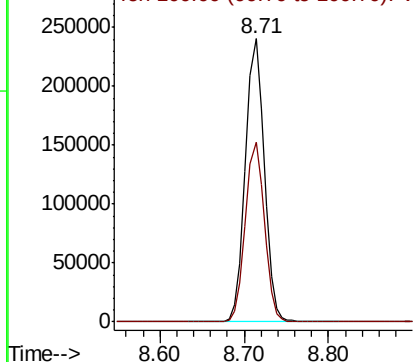


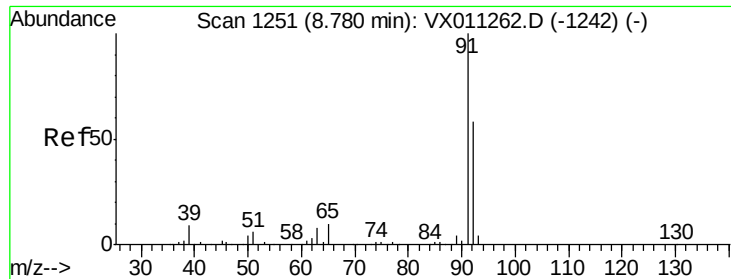
#50
Toluene-d8
Concen: 47.983 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 98 Resp: 359996
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



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





#52

Toluene

Concen: 0.295 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

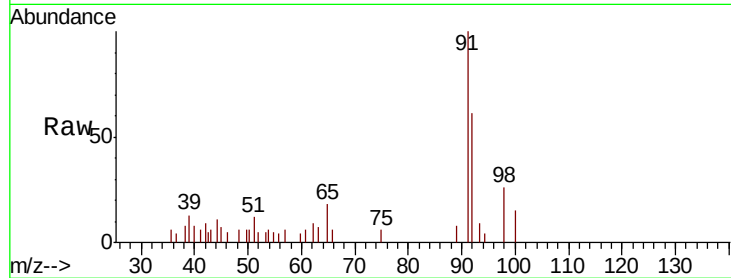
Z3-0668

Tgt Ion: 92 Resp: 1549

Ion Ratio Lower Upper

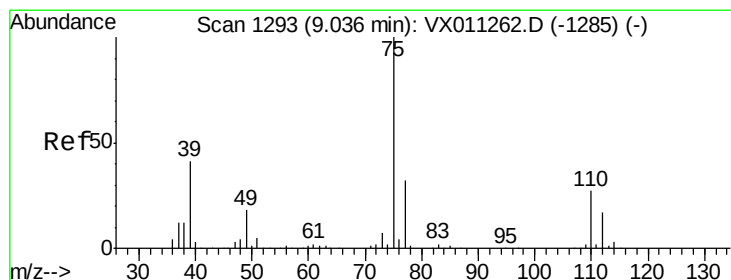
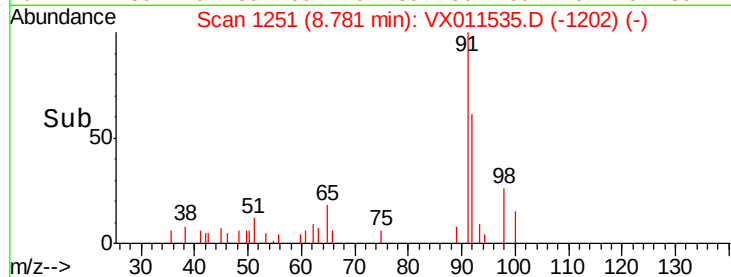
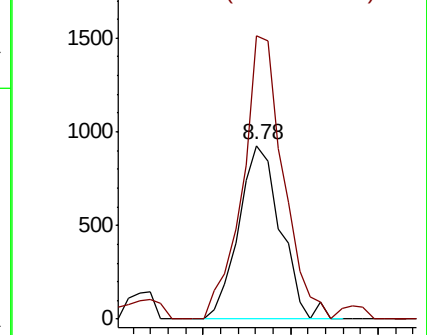
92 100

91 158.0 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.851 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011535.D

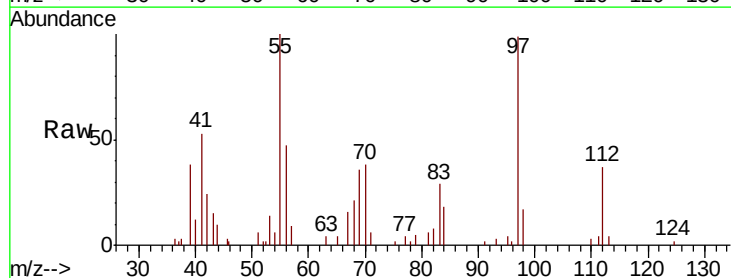
Acq: 13 Aug 2019 14:54

Tgt Ion: 75 Resp: 40

Ion Ratio Lower Upper

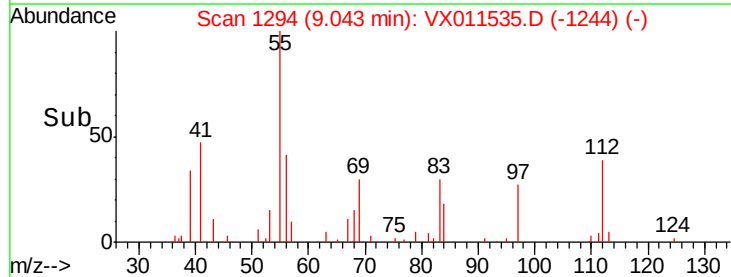
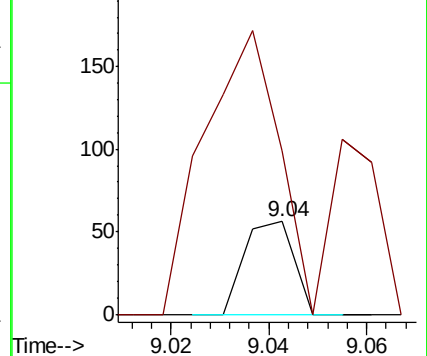
75 100

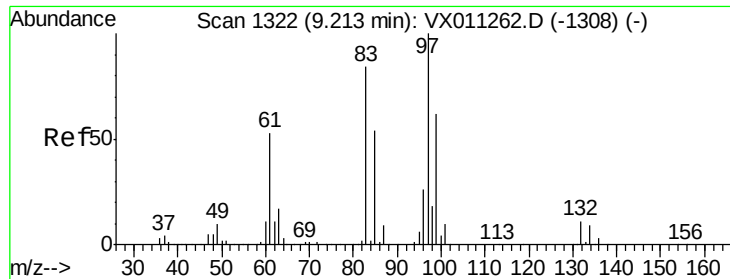
77 5.4 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

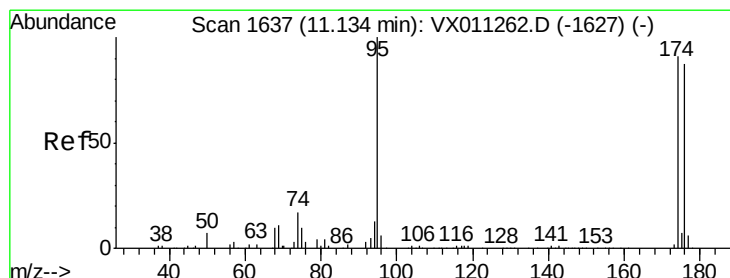
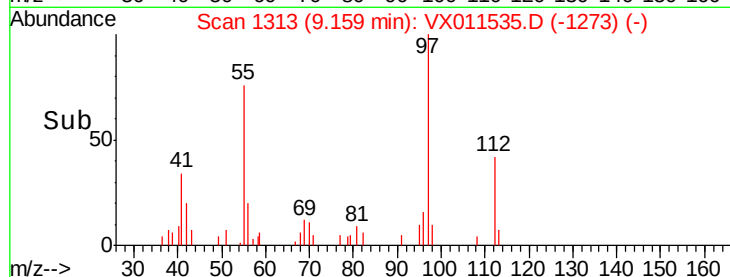
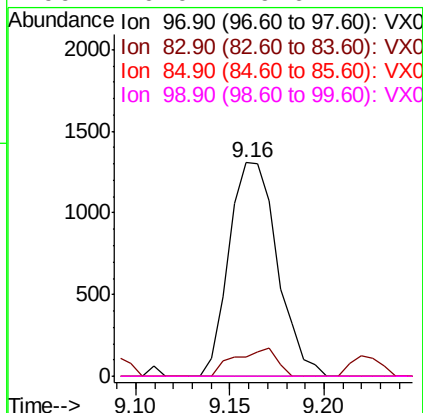
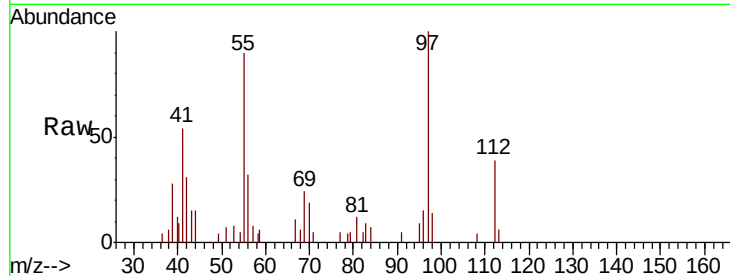




#55
 1,1,2-Trichloroethane
 Concen: 1.079 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: VX011535.D
 Acq: 13 Aug 2019 14:54

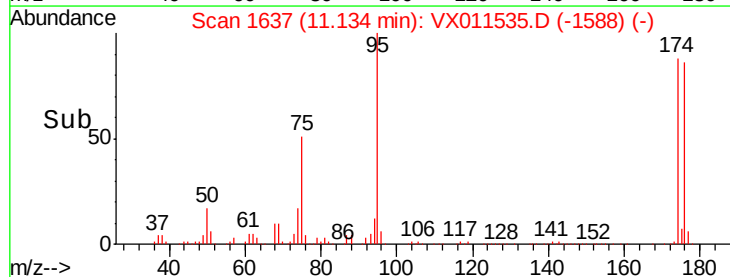
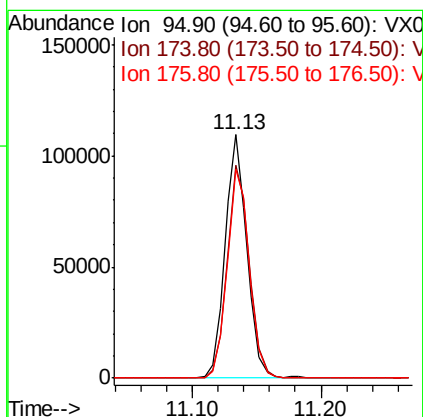
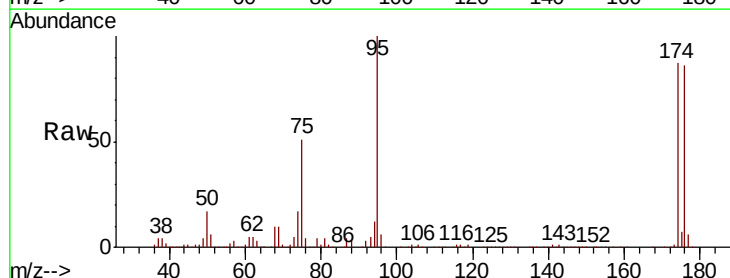
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0668

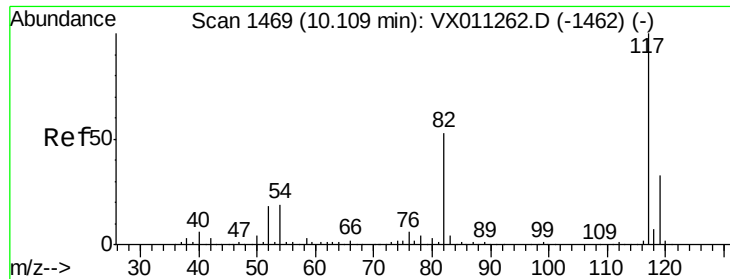
Tgt Ion: 97 Resp: 2327
 Ion Ratio Lower Upper
 97 100
 83 9.3 67.6 101.4#
 85 0.0 43.4 65.0#
 99 0.0 49.6 74.4#



#62
 4-Bromofluorobenzene
 Concen: 48.695 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011535.D
 Acq: 13 Aug 2019 14:54

Tgt Ion: 95 Resp: 130434
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 191.2
 176 87.2 0.0 184.8

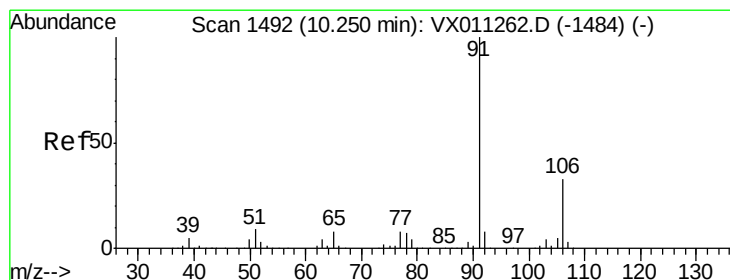
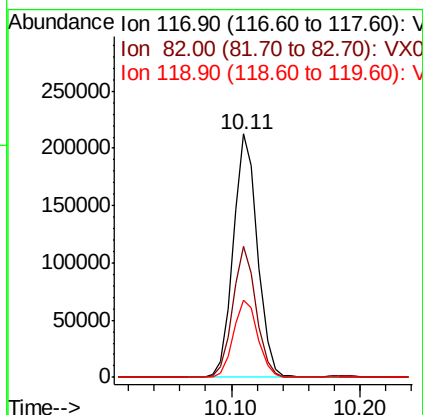
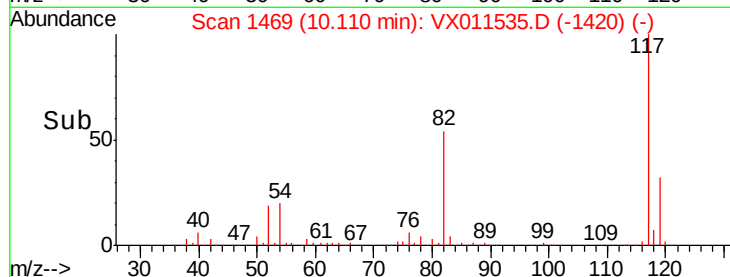
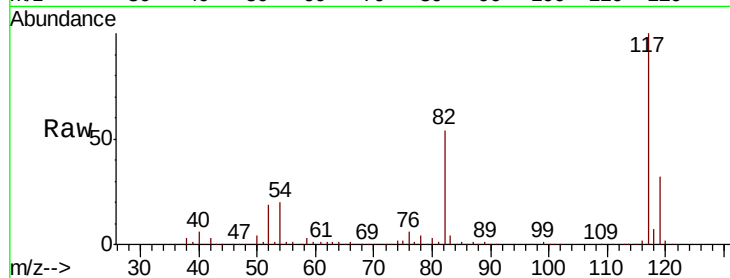




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

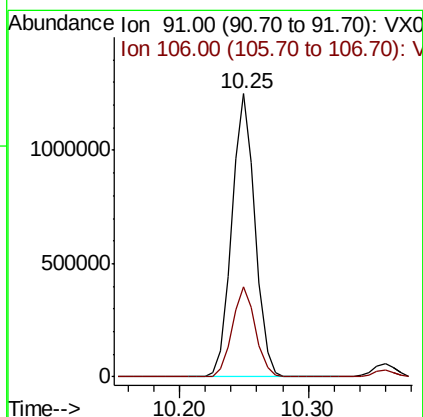
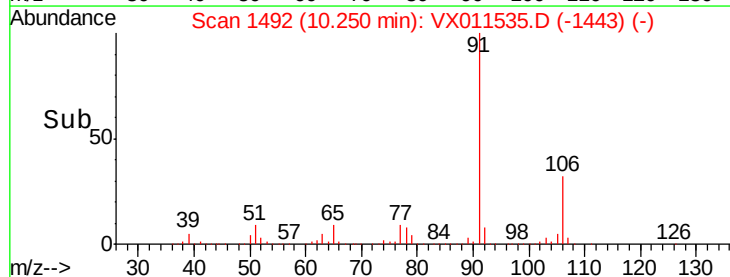
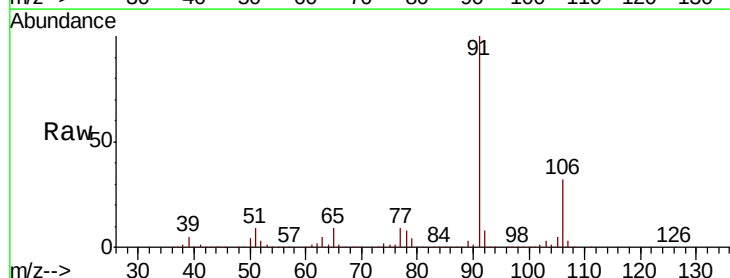
Instrument :
MSVOA_X
ClientSampled :
Z3-0668

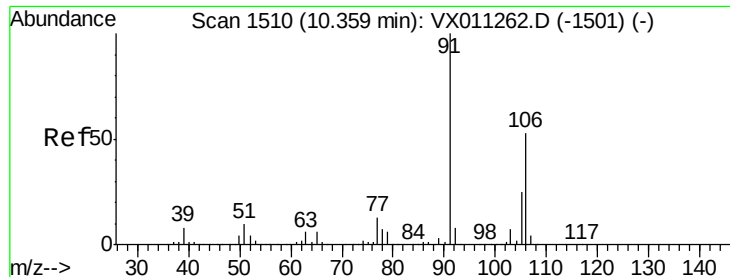
Tgt Ion: 117 Resp: 278588
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 31.9 26.6 39.8



#67
Ethyl Benzene
Concen: 157.115 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 91 Resp: 1571738
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.4

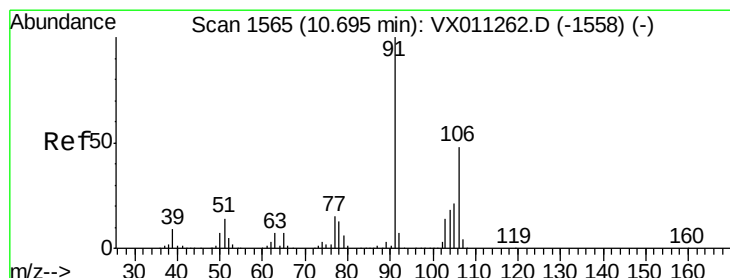
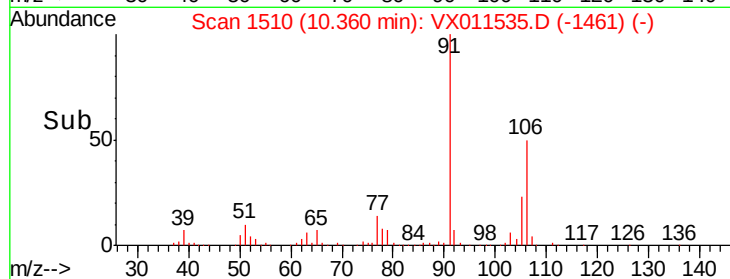
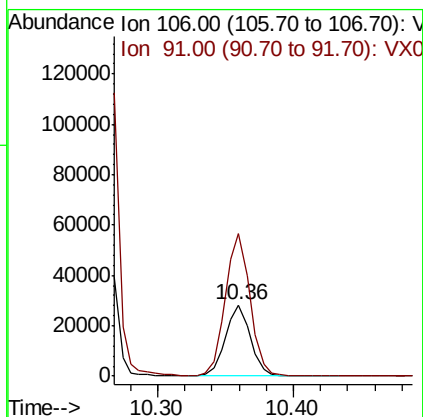
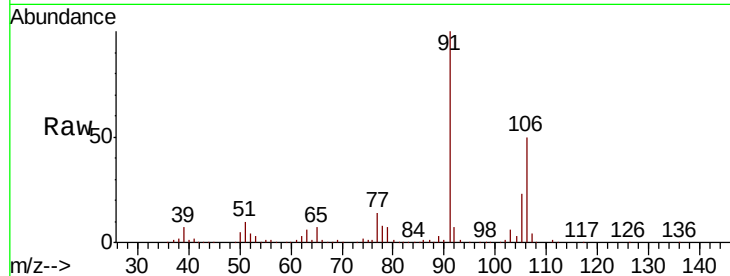




#68
m/p-Xylenes
Concen: 9.289 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

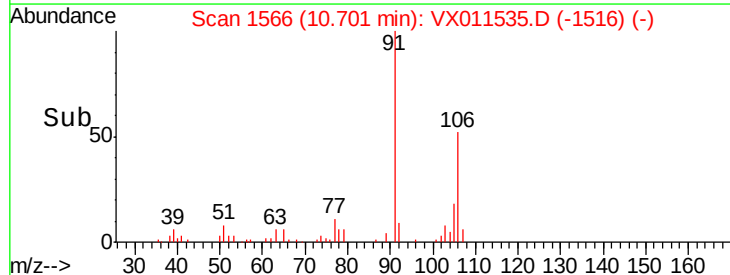
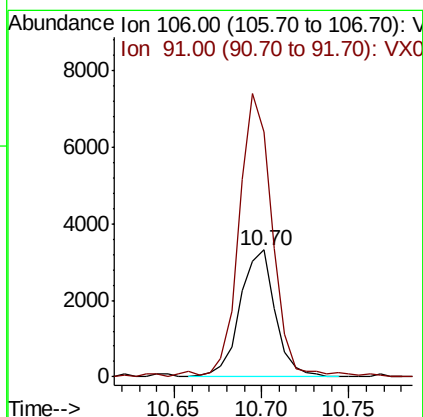
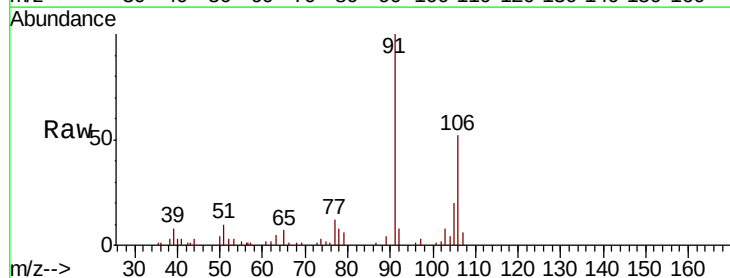
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

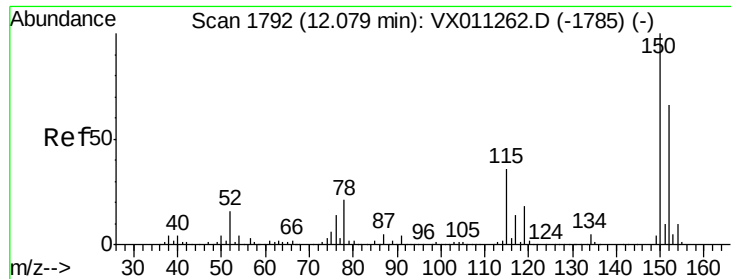
Tgt Ion:106 Resp: 35943
Ion Ratio Lower Upper
106 100
91 199.3 155.9 233.9



#69
o-Xylene
Concen: 1.222 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:106 Resp: 4644
Ion Ratio Lower Upper
106 100
91 212.9 103.8 311.3



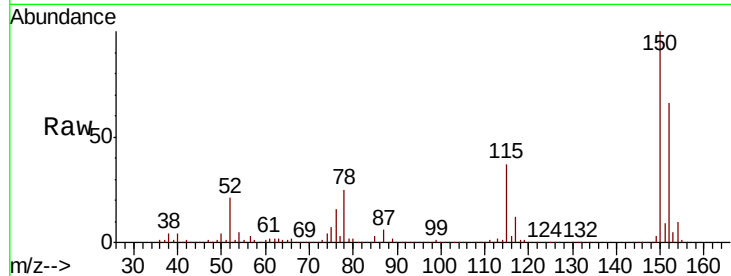


#72

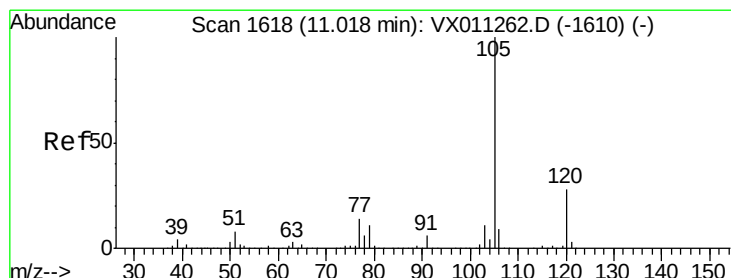
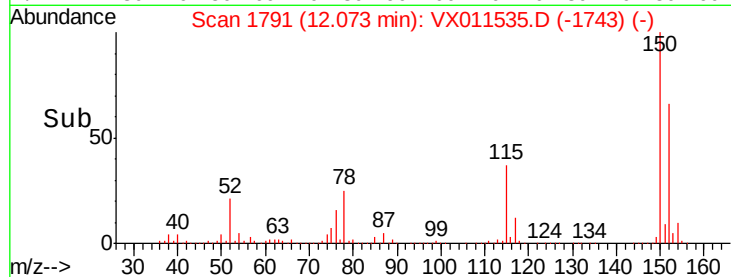
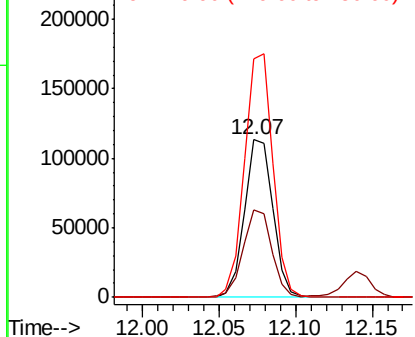
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Tgt Ion:152 Resp: 145391
Ion Ratio Lower Upper
152 100
115 55.9 40.0 119.9
150 154.7 0.0 350.4



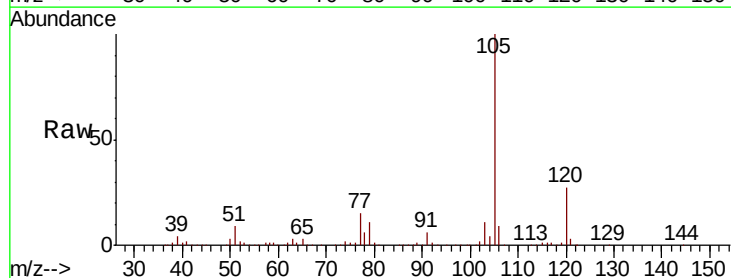
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



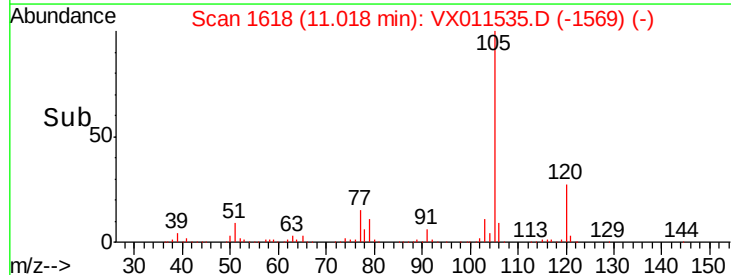
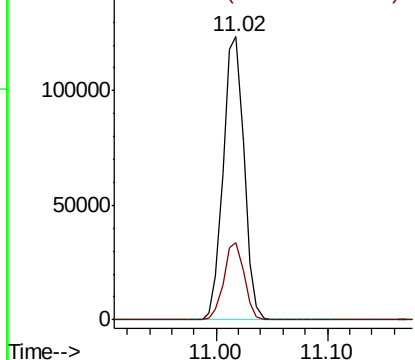
#73

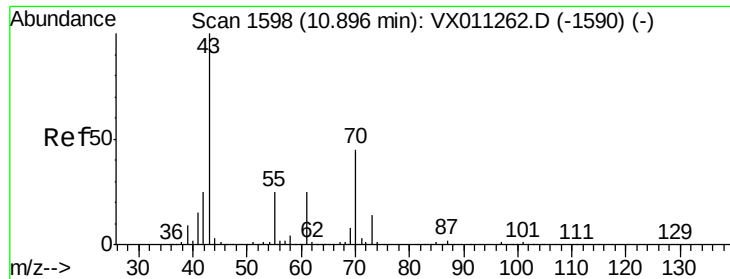
Isopropylbenzene
Concen: 16.150 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion:105 Resp: 160592
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.1



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





#74

N-amyI acetate

Concen: 0.367 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

Z3-0668

Tgt Ion: 43 Resp: 1320

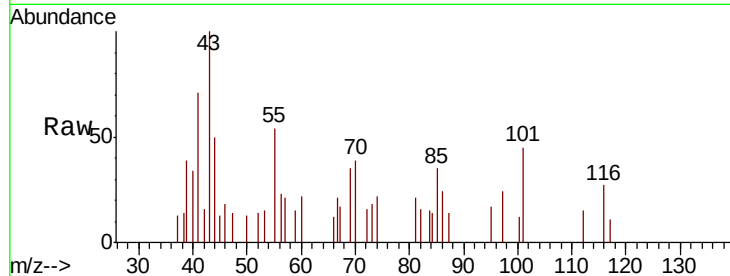
Ion Ratio Lower Upper

43 100

70 0.0 35.9 53.9#

55 0.0 19.8 29.6#

61 0.0 19.7 29.5#

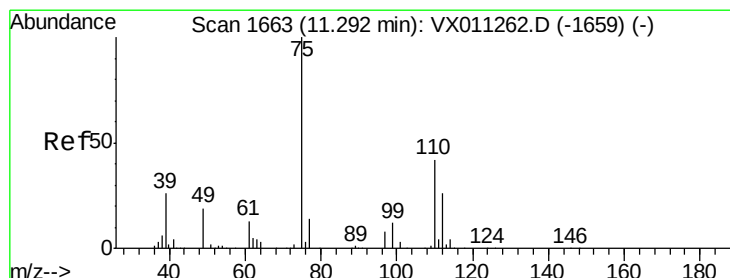
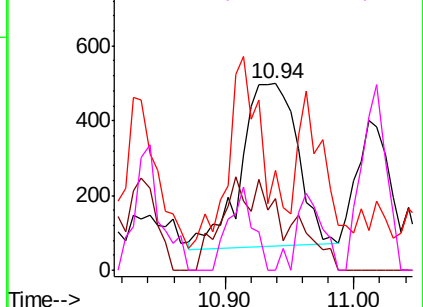
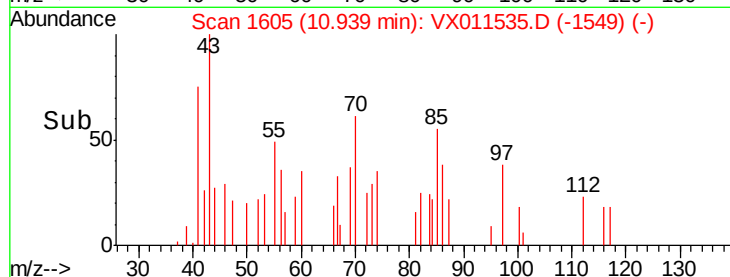


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 25.453 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011535.D

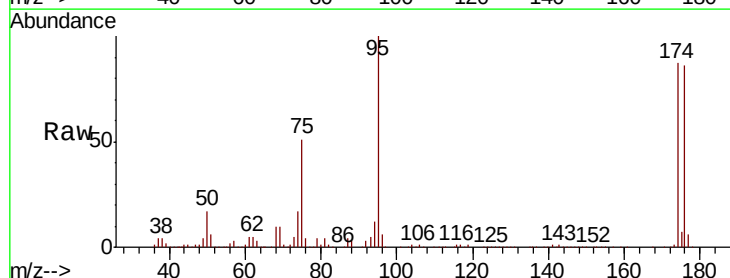
Acq: 13 Aug 2019 14:54

Tgt Ion: 75 Resp: 67394

Ion Ratio Lower Upper

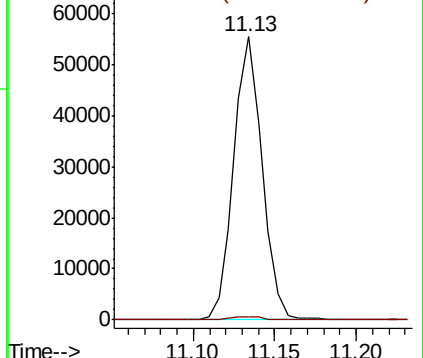
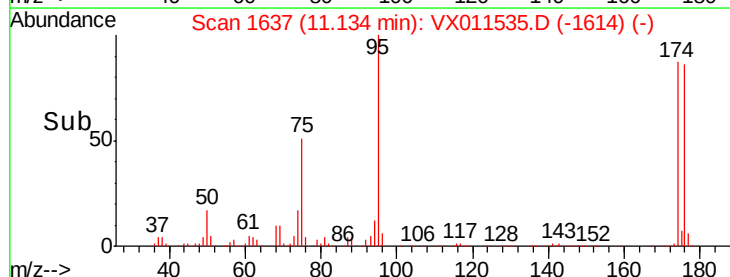
75 100

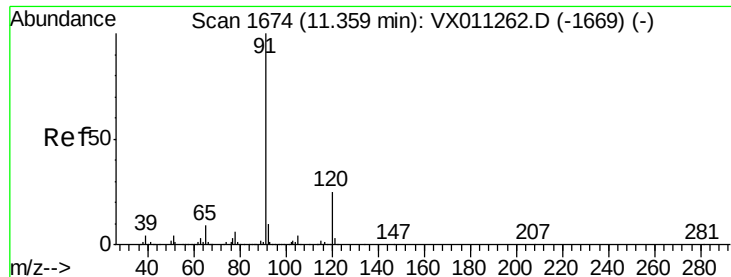
77 1.2 21.1 63.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

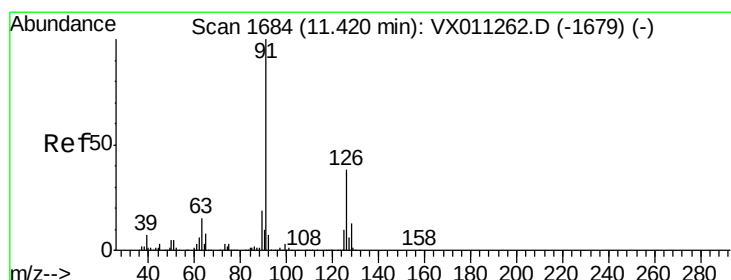
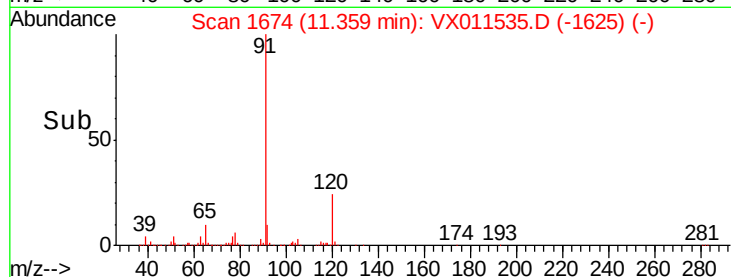
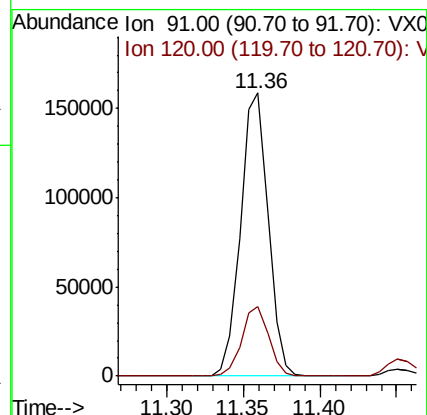
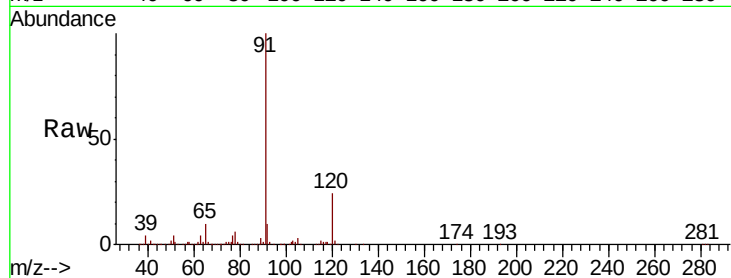




#78
n-propylbenzene
Concen: 17.966 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

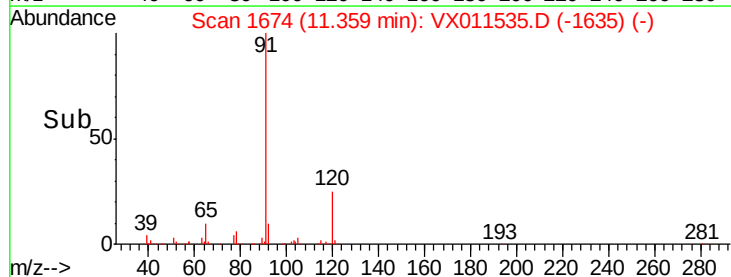
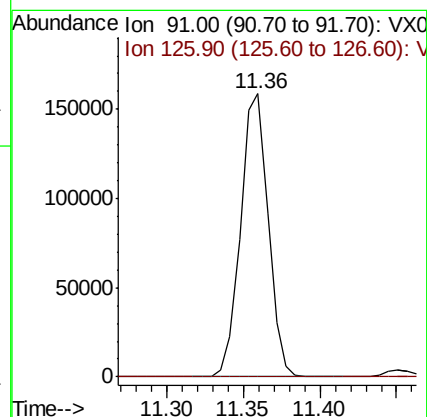
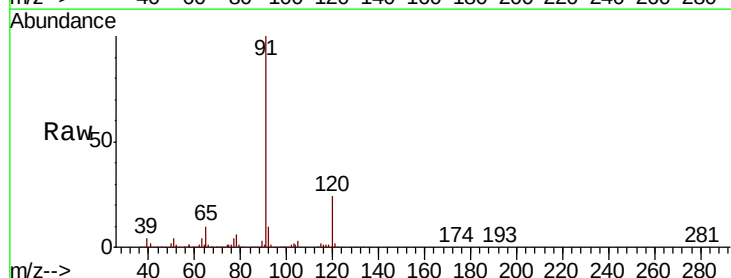
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

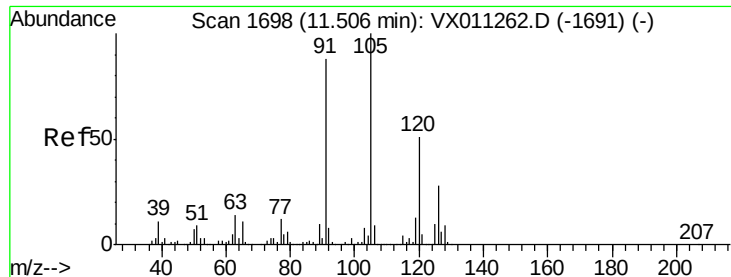
Tgt Ion: 91 Resp: 198668
Ion Ratio Lower Upper
91 100
120 24.1 12.4 37.0



#79
2-Chlorotoluene
Concen: 30.143 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 91 Resp: 198668
Ion Ratio Lower Upper
91 100
126 0.0 18.5 55.5#





#80

1,3,5-Trimethylbenzene

Concen: 63.275 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

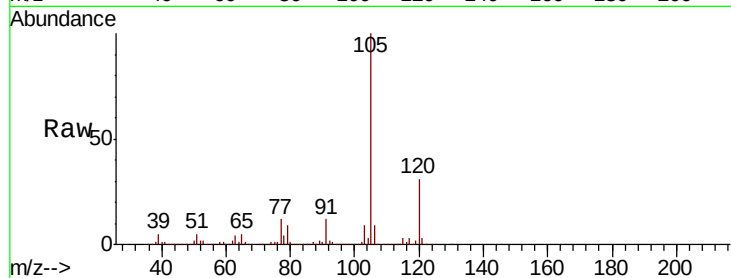
Z3-0668

Tgt Ion:105 Resp: 526693

Ion Ratio Lower Upper

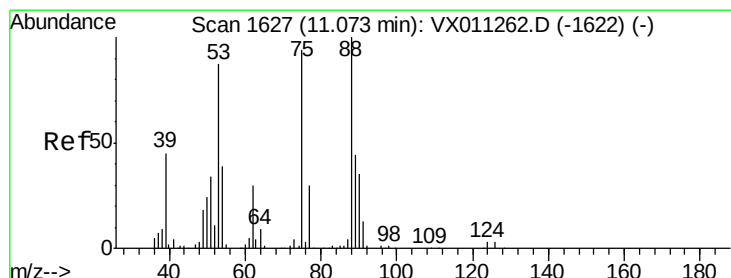
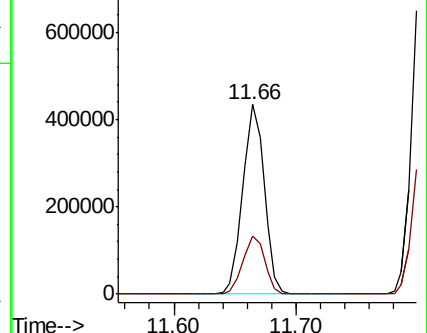
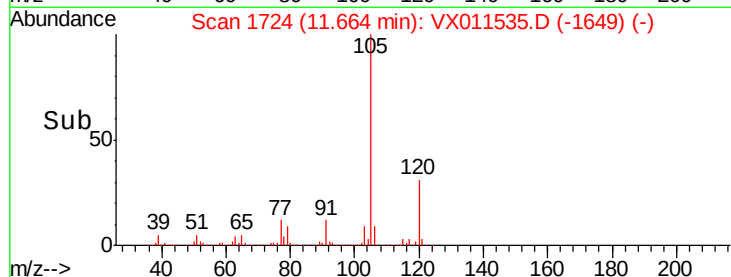
105 100

120 31.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 66.340 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

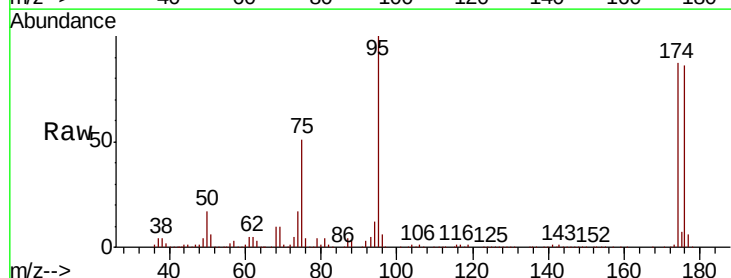
Tgt Ion: 75 Resp: 67394

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.4#

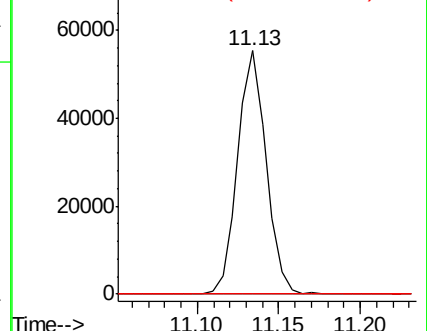
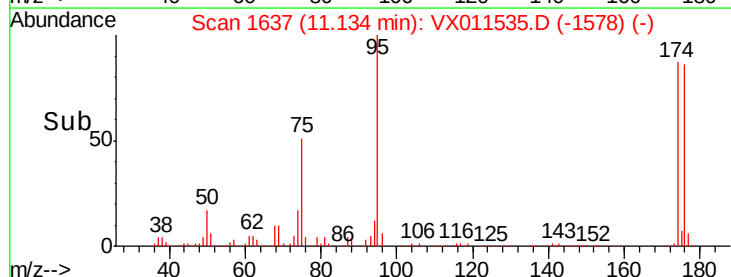
89 0.0 37.9 56.9#

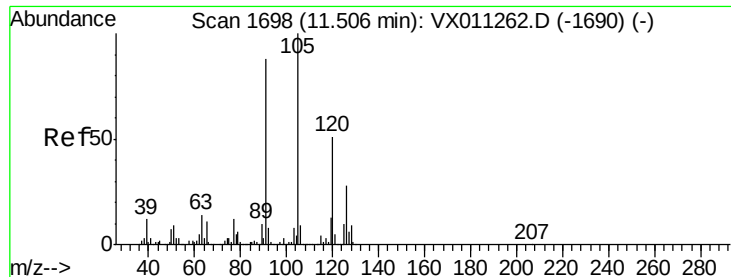


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 25.864 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

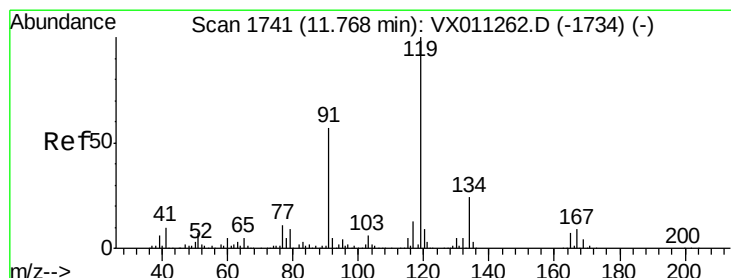
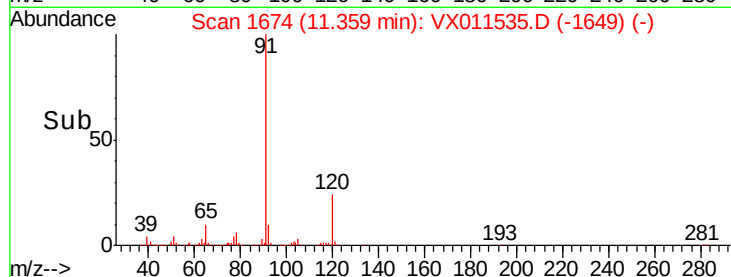
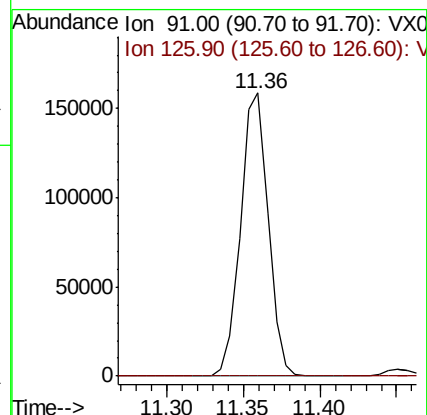
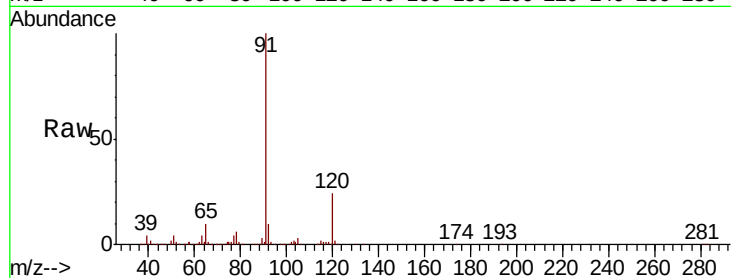
Z3-0668

Tgt Ion: 91 Resp: 198668

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.2#



#83

tert-Butylbenzene

Concen: 16.811 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

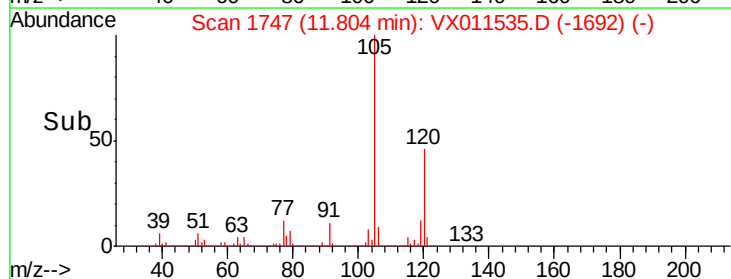
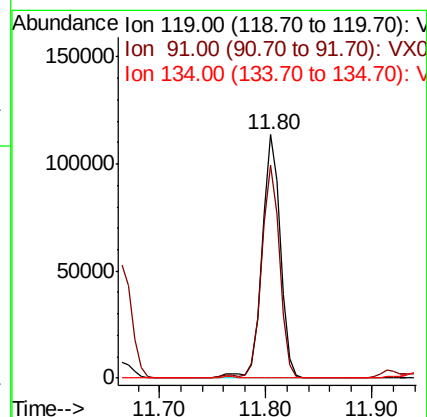
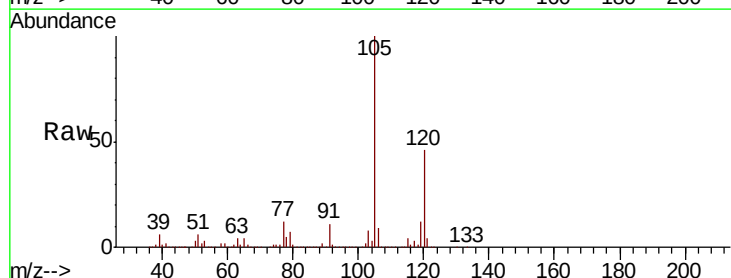
Tgt Ion: 119 Resp: 137247

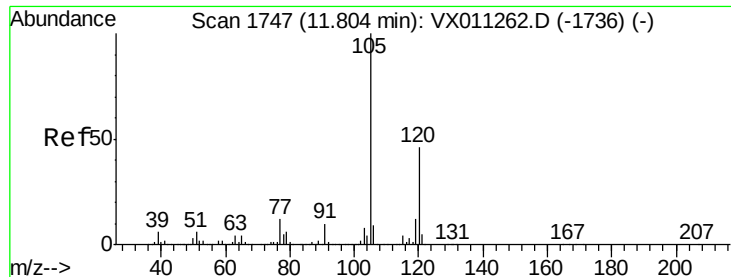
Ion Ratio Lower Upper

119 100

91 86.9 28.0 84.0#

134 0.0 11.9 35.5#





#84

1,2,4-Trimethylbenzene

Concen: 132.698 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampled :

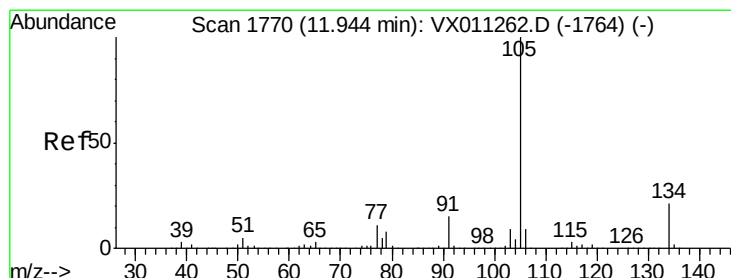
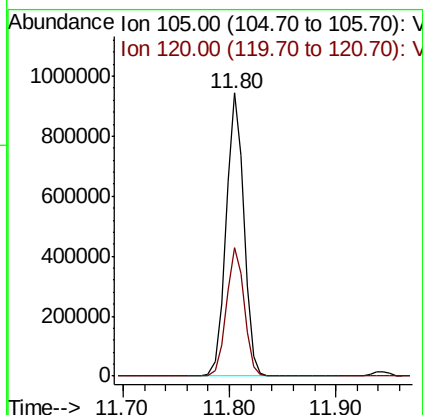
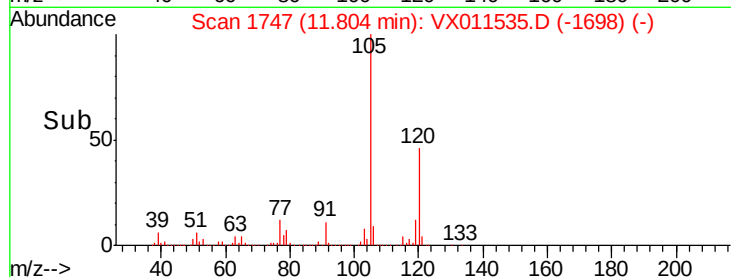
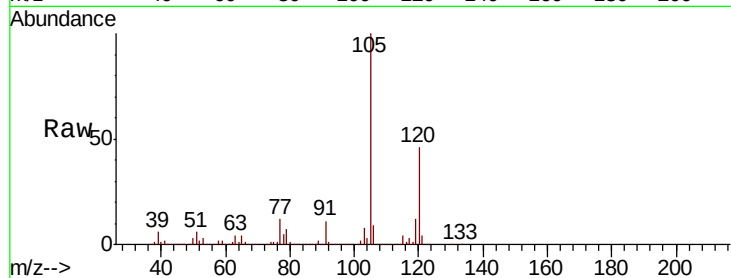
Z3-0668

Tgt Ion:105 Resp: 1099739

Ion Ratio Lower Upper

105 100

120 45.5 23.0 69.0



#85

sec-Butylbenzene

Concen: 112.111 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011535.D

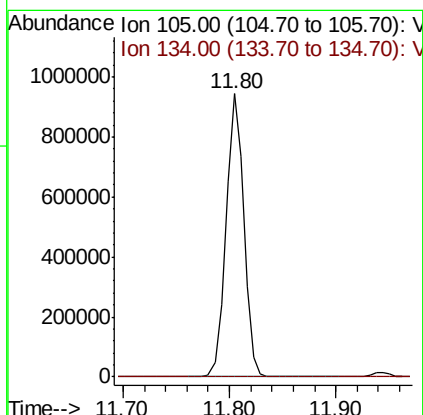
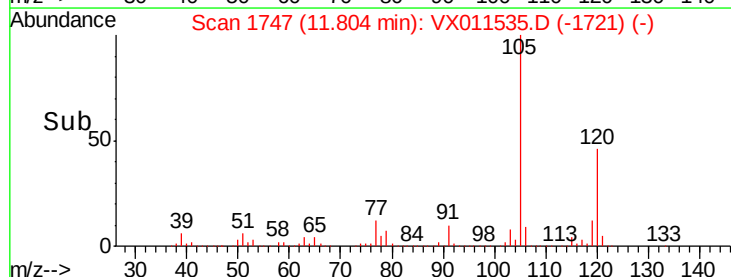
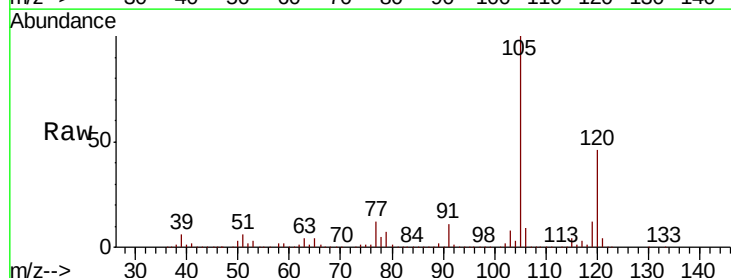
Acq: 13 Aug 2019 14:54

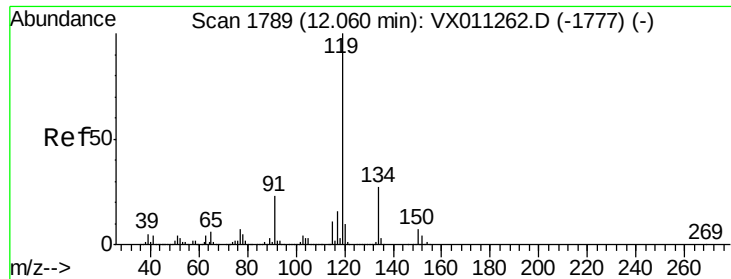
Tgt Ion:105 Resp: 1099655

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.4#

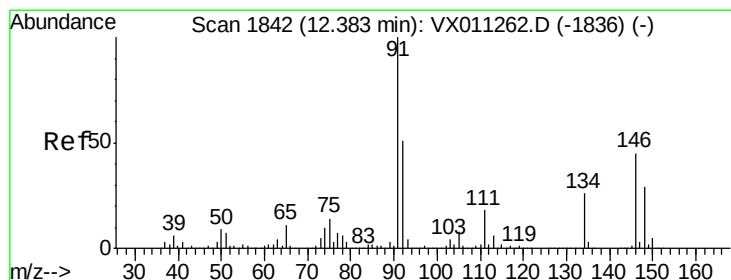
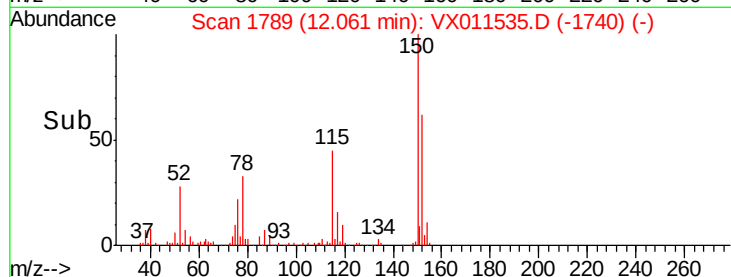
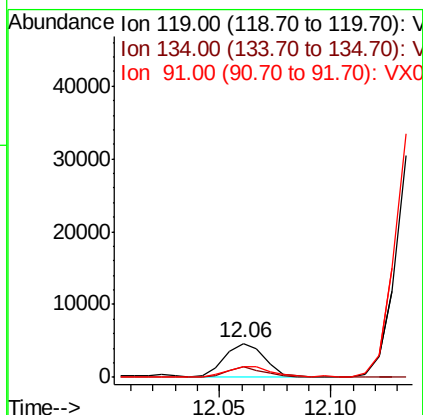
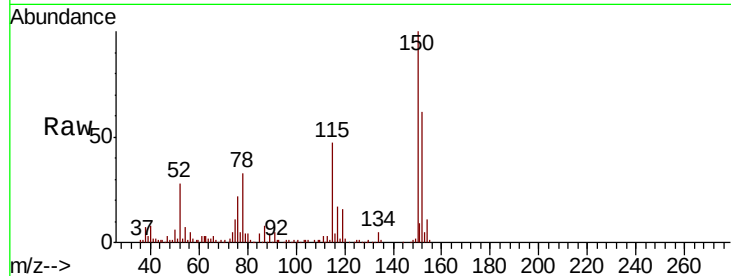




#86
p-Isopropyltoluene
Concen: 0.657 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

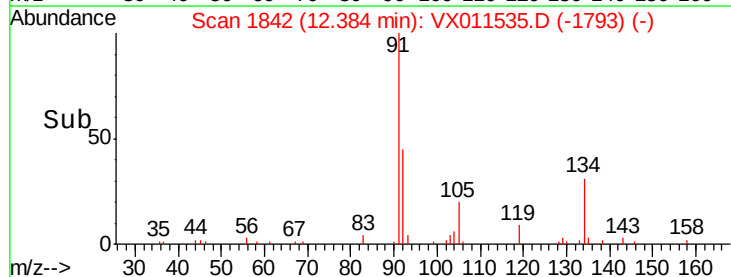
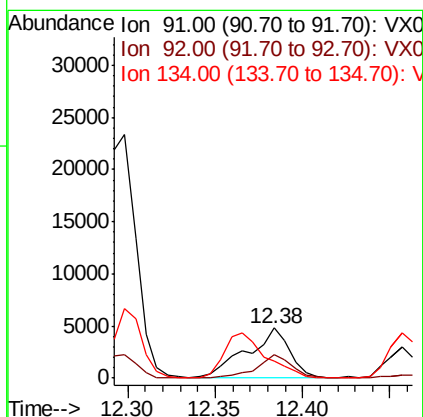
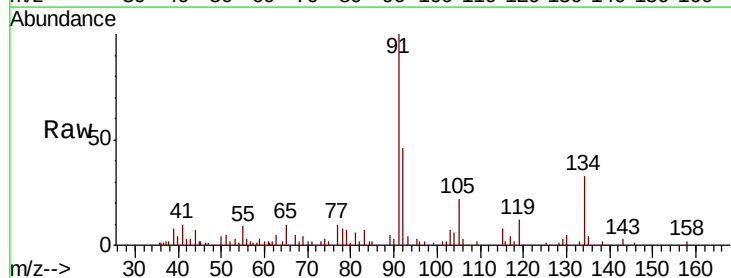
Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

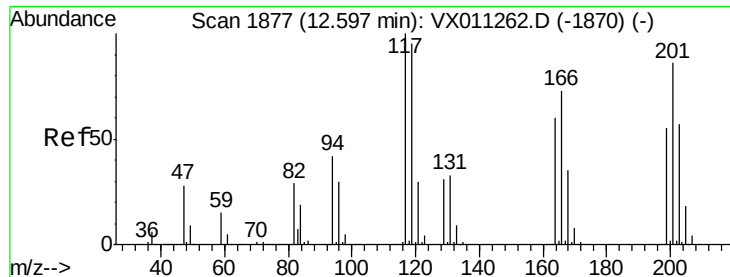
Tgt Ion: 119 Resp: 5932
Ion Ratio Lower Upper
119 100
134 29.5 13.7 41.0
91 0.0 11.4 34.2#



#89
n-Butylbenzene
Concen: 1.033 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Tgt Ion: 91 Resp: 8033
Ion Ratio Lower Upper
91 100
92 38.7 25.8 77.3
134 89.4 13.7 41.0#





#90

Hexachloroethane

Concen: 2.892 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

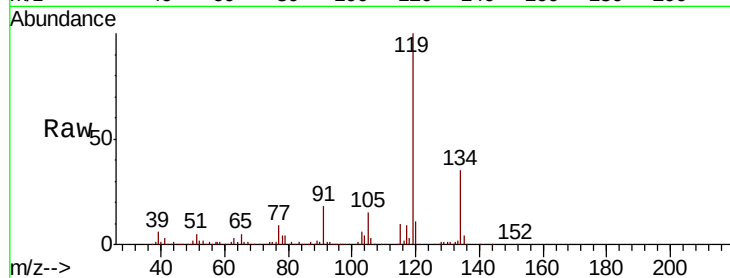
Z3-0668

Tgt Ion: 117 Resp: 3858

Ion Ratio Lower Upper

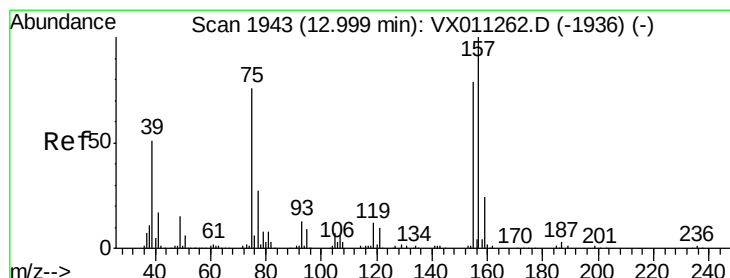
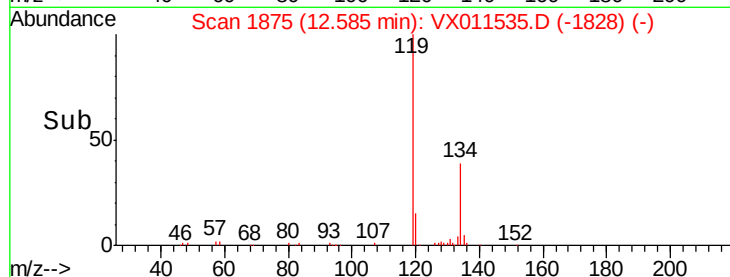
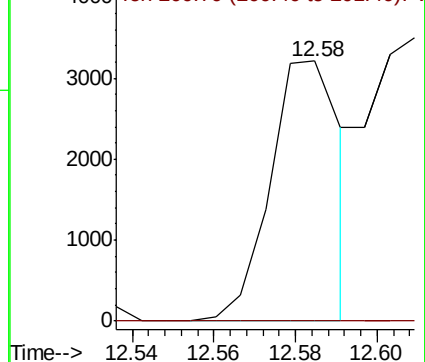
117 100

201 0.0 41.8 125.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.846 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011535.D

Acq: 13 Aug 2019 14:54

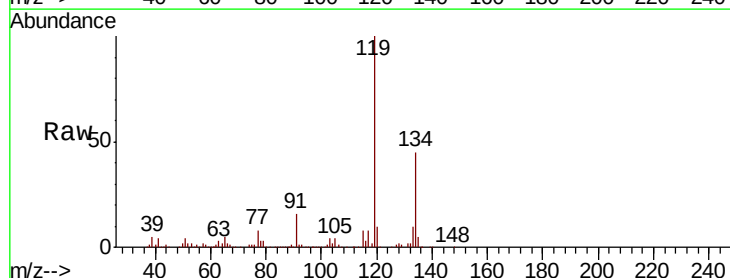
Tgt Ion: 75 Resp: 543

Ion Ratio Lower Upper

75 100

155 0.0 51.9 155.8#

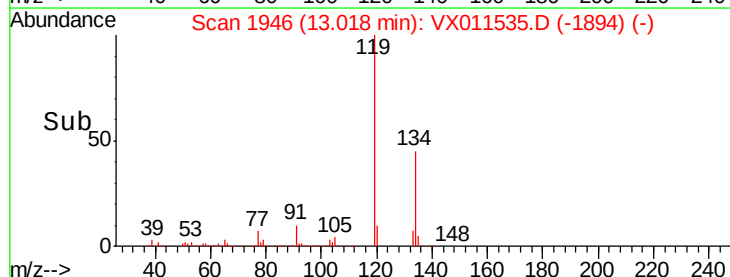
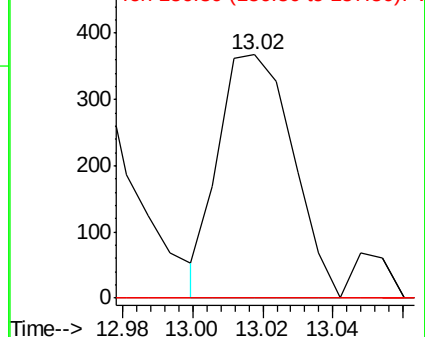
157 0.0 64.3 192.7#

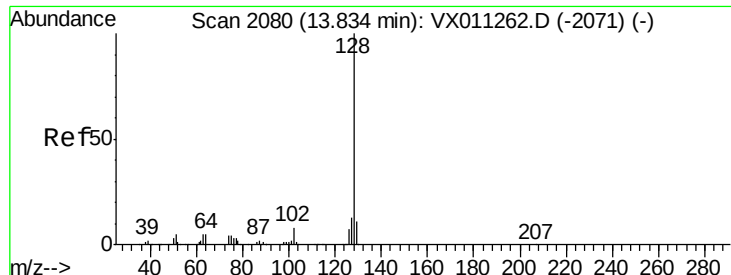


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 56.787 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011535.D
Acq: 13 Aug 2019 14:54

Instrument :
MSVOA_X
ClientSampleId :
Z3-0668

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

