

Data File : VV008755.D
Acq On : 28 Nov 2018 23:08
Operator : SY/MD
Sample : J6096-09MS
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4158MS

Quant Time: Nov 29 03:29:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 03:24:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	151299	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	142312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59843	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44030	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.59	69	33676	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.14	63	86021	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	3.96	46	128883	54.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.10%
24) Chloroform-d	4.41	84	104742	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.09	65	52723	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	220996	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.12	67	67100	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	194403	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	20720	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.14	63	84680	48.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39819	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	67526	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

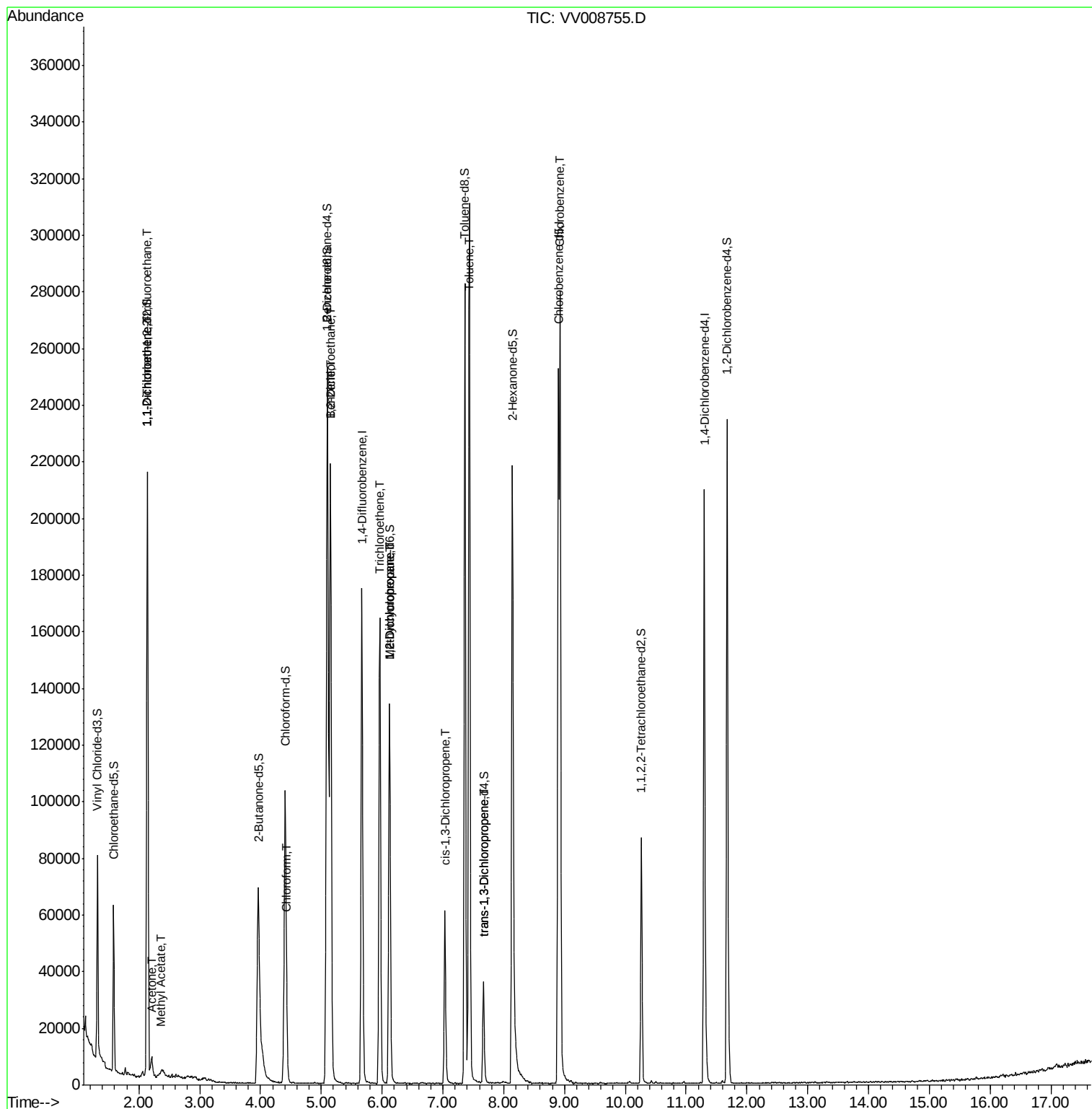
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	791	0.094 ug/L #	18
12) 1,1-Dichloroethene	2.14	96	39720	5.258 ug/L	98
13) Acetone	2.21	43	8935	7.667 ug/L	85
15) Methyl Acetate	2.35	43	494	0.161 ug/L #	52
25) Chloroform	4.44	83	5743	0.295 ug/L	94
27) 1,2-Dichloroethane	5.15	62	2033	0.184 ug/L #	77
33) Benzene	5.15	78	220416	5.138 ug/L	100
34) Trichloroethene	5.96	95	57393	4.857 ug/L	100
35) Methylcyclohexane	6.12	83	15586	0.828 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7240	0.675 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1679	0.118 ug/L	94
42) Toluene	7.43	91	231156	5.210 ug/L	97
44) trans-1,3-Dichloropropene	7.66	75	958	0.086 ug/L #	81
51) Chlorobenzene	8.93	112	147613	4.587 ug/L	98

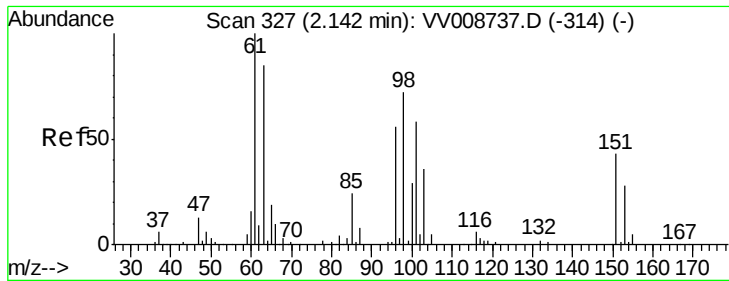
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.094 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008755.D

Acq: 28 Nov 2018 23:08

Instrument :

MSVOA_V

ClientSampleId :

A4158MS

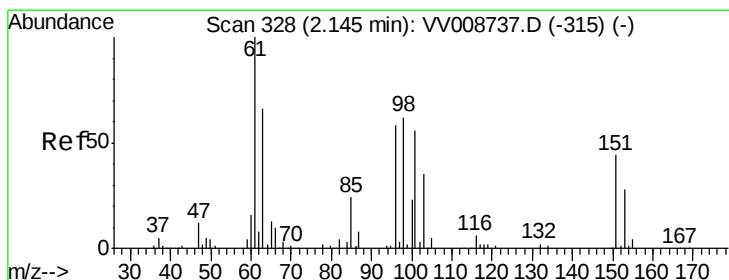
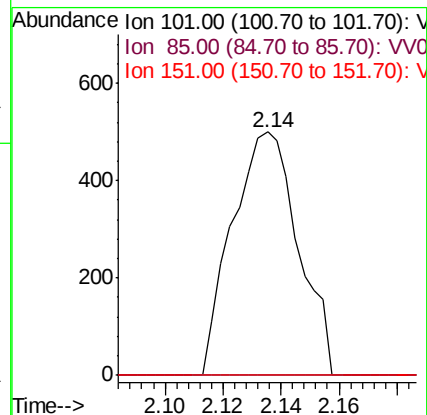
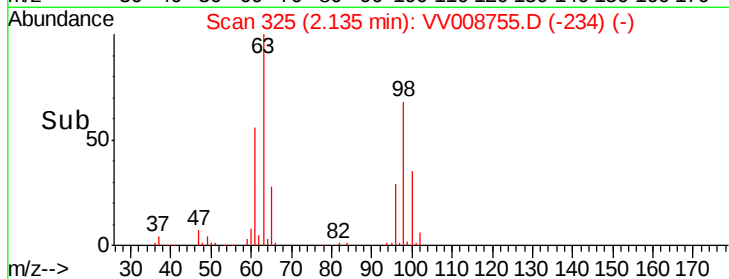
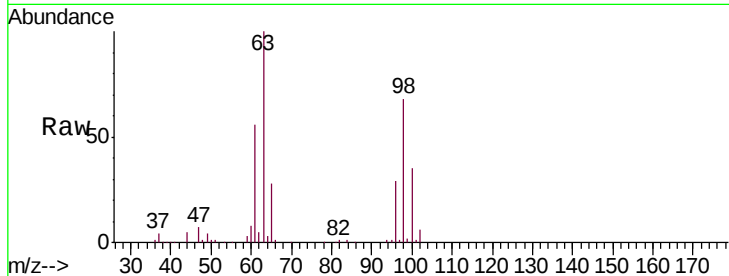
Tgt Ion: 101 Resp: 791

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 62.6 94.0#



#12

1,1-Dichloroethene

Concen: 5.258 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008755.D

Acq: 28 Nov 2018 23:08

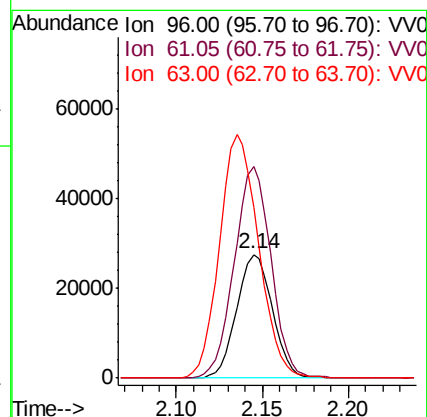
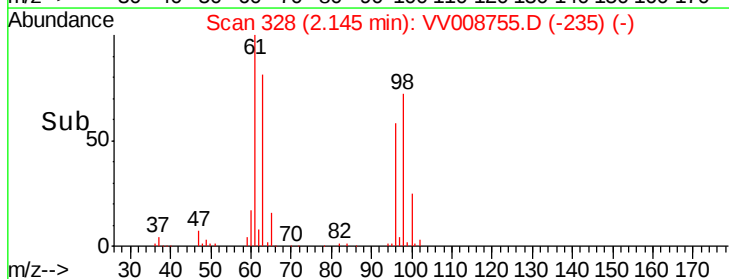
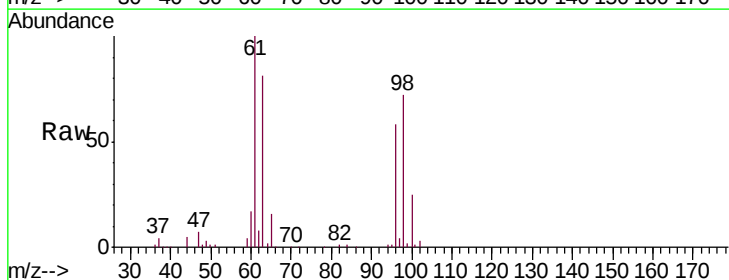
Tgt Ion: 96 Resp: 39720

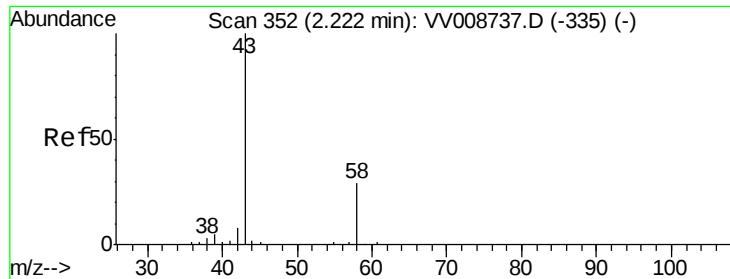
Ion Ratio Lower Upper

96 100

61 171.3 118.0 219.2

63 138.6 95.3 177.1





#13

Acetone

Concen: 7.667 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV008755.D

Acq: 28 Nov 2018 23:08

Instrument :

MSVOA_V

ClientSampleId :

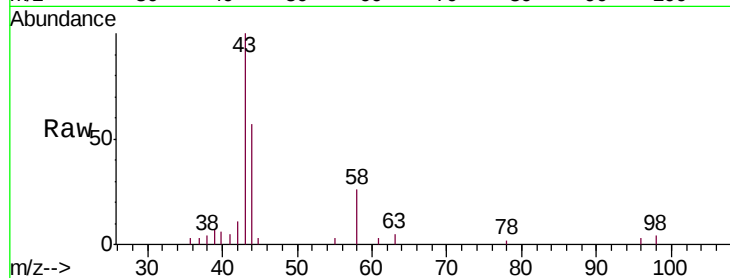
A4158MS

Tgt Ion: 43 Resp: 8935

Ion Ratio Lower Upper

43 100

58 23.2 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VV008737.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV008737.D (-335) (-)

2.21

4000

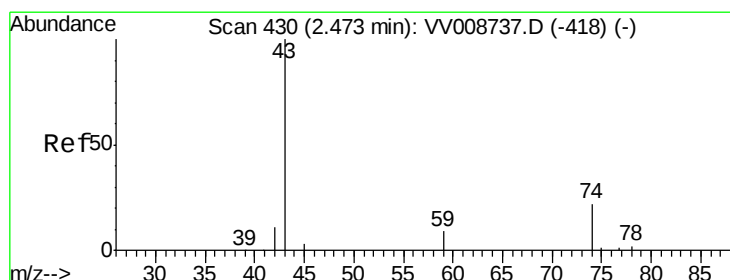
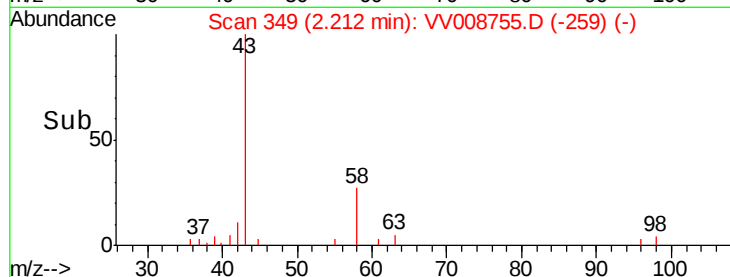
3000

2000

1000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 0.161 ug/L

RT: 2.35 min Scan# 393

Delta R.T. -0.12 min

Lab File: VV008755.D

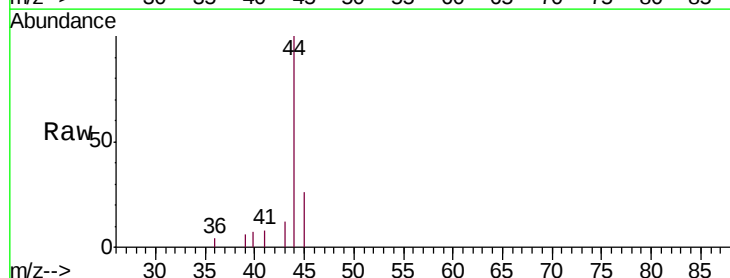
Acq: 28 Nov 2018 23:08

Tgt Ion: 43 Resp: 494

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



Abundance Ion 43.05 (42.75 to 43.75): VV008737.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VV008737.D (-418) (-)

2.35

500

400

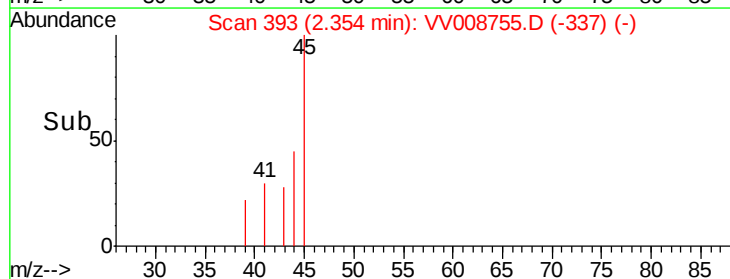
300

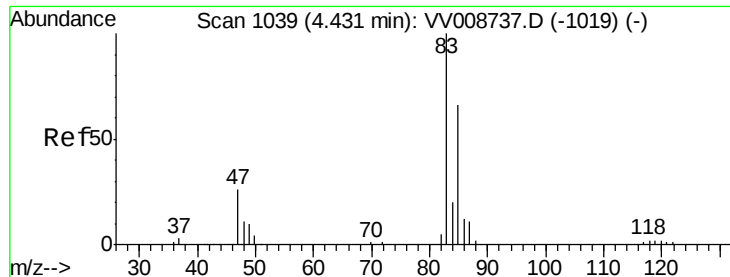
200

100

0

Time--> 2.30 2.32 2.34 2.36

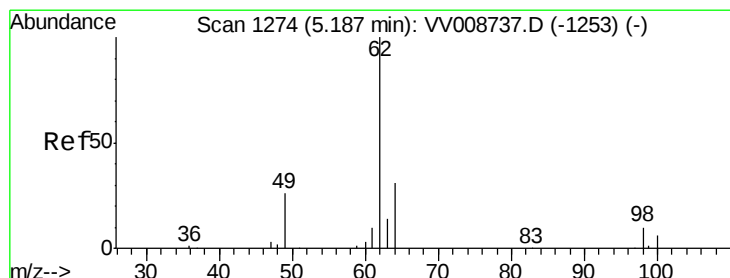
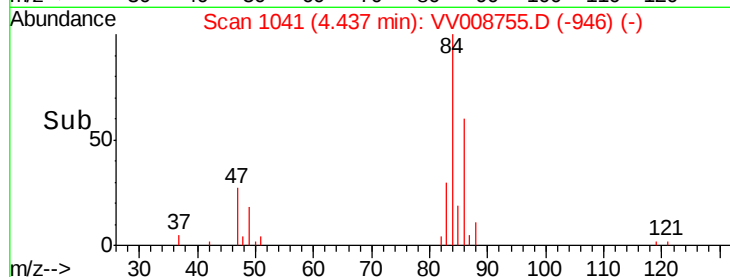
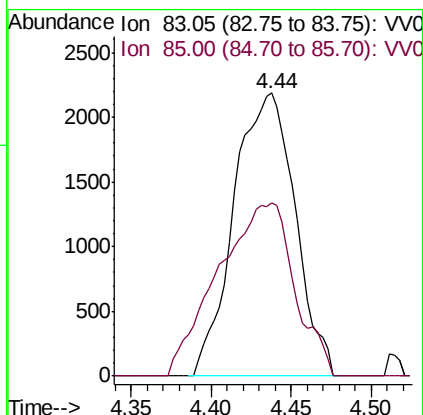
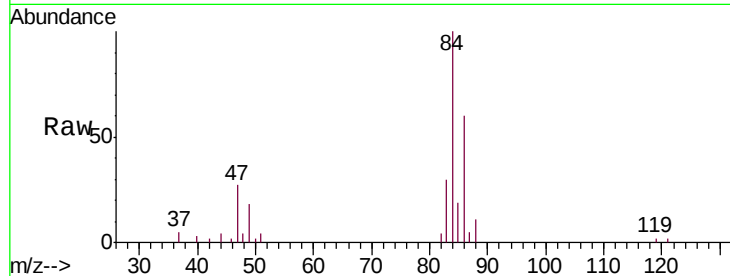




#25
Chloroform
Concen: 0.295 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

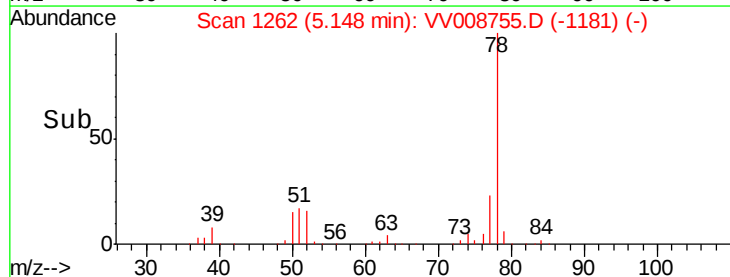
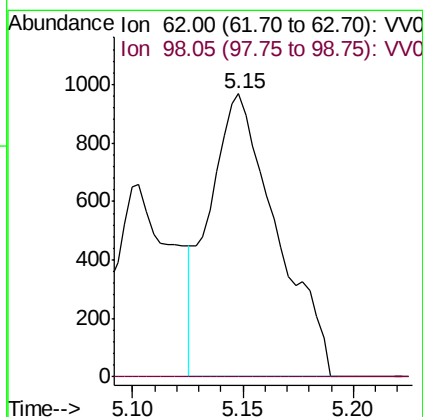
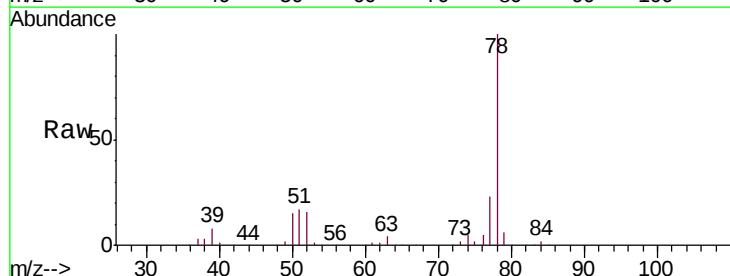
Instrument :
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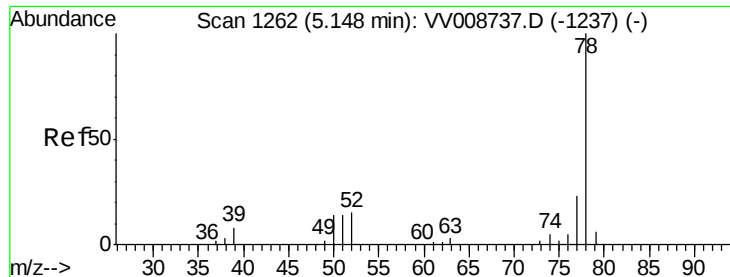
Tgt Ion: 83 Resp: 5743
Ion Ratio Lower Upper
83 100
85 61.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.184 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.04 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

Tgt Ion: 62 Resp: 2033
Ion Ratio Lower Upper
62 100
98 0.0 6.6 9.8#





#33

Benzene

Concen: 5.138 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008755.D

Acq: 28 Nov 2018 23:08

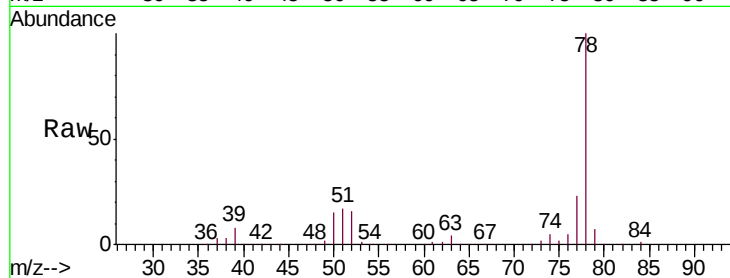
Instrument :

MSVOA_V

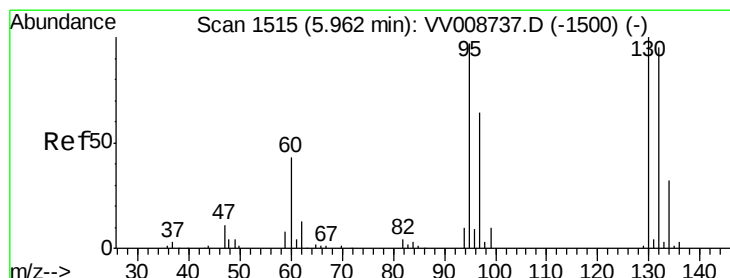
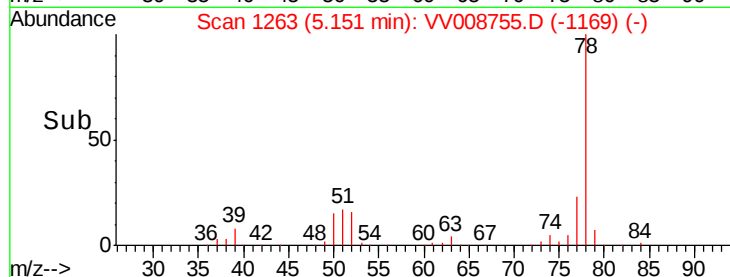
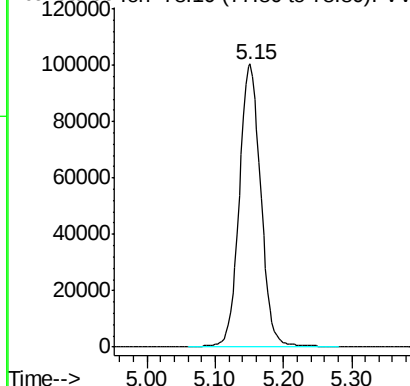
ClientSampleId :

A4158MS

Tgt Ion: 78 Resp: 220416



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.857 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008755.D

Acq: 28 Nov 2018 23:08

Tgt Ion: 95 Resp: 57393

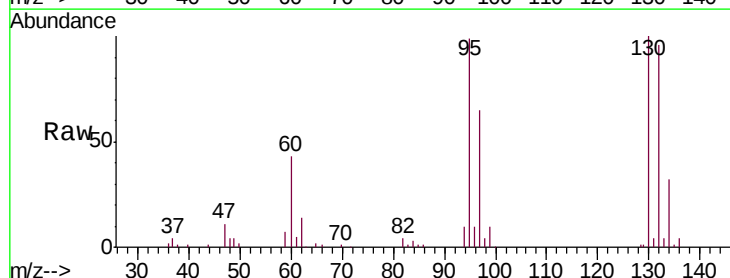
Ion Ratio Lower Upper

95 100

97 65.3 45.1 83.9

132 97.1 68.0 126.4

130 100.9 70.4 130.8

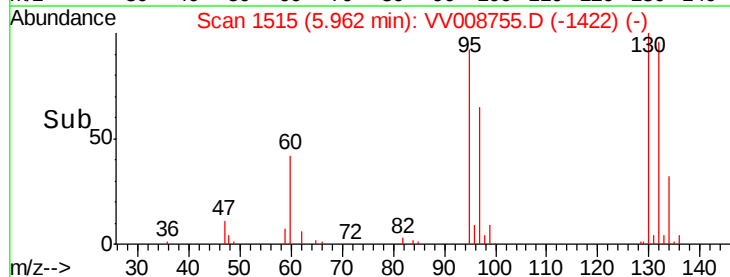
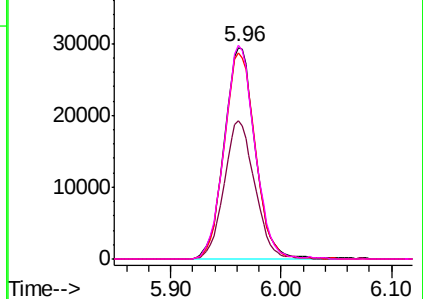


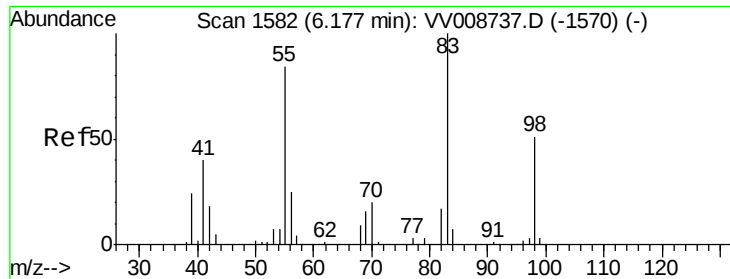
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

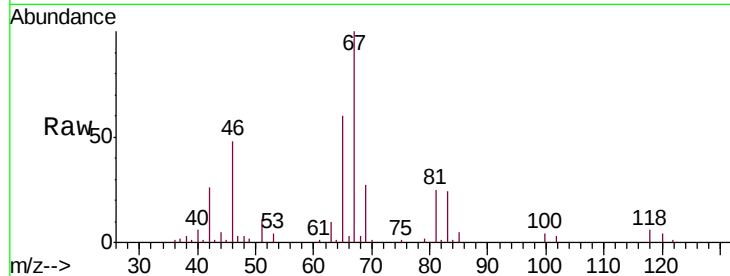




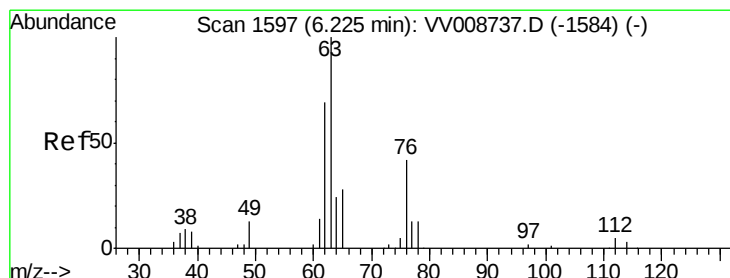
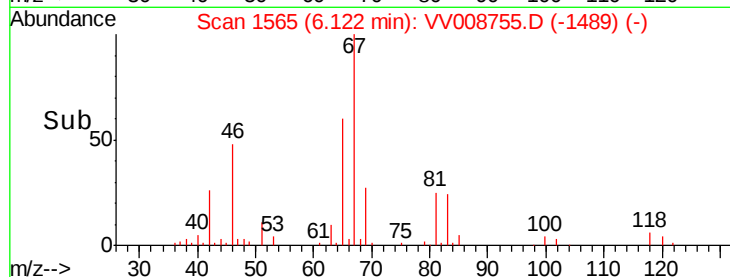
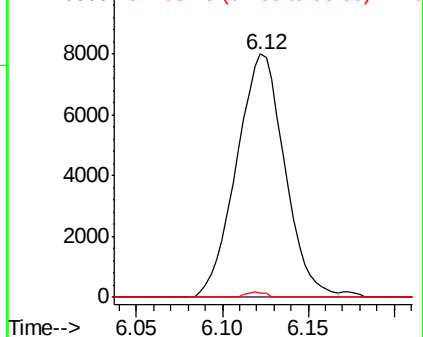
#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

Instrument :
MSVOA_V
ClientSampleId :
A4158MS

Tgt Ion: 83 Resp: 15586
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.9 37.1 55.7#

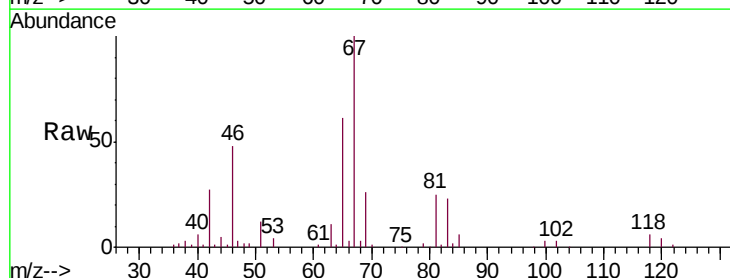


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

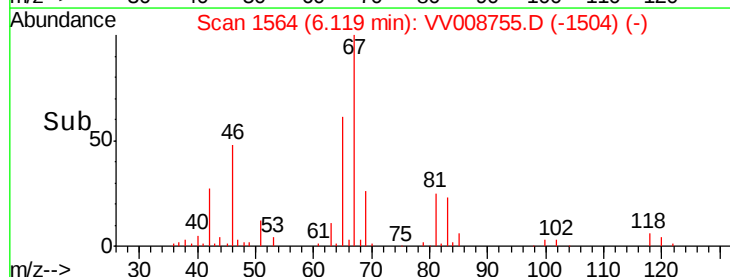
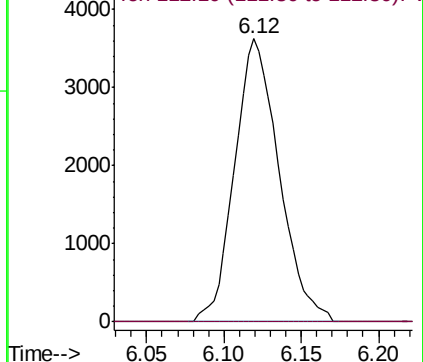


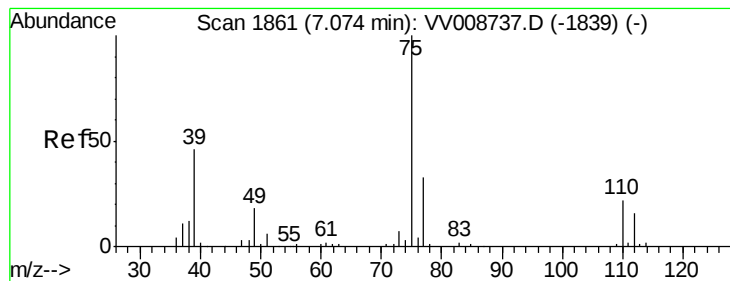
#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

Tgt Ion: 63 Resp: 7240
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



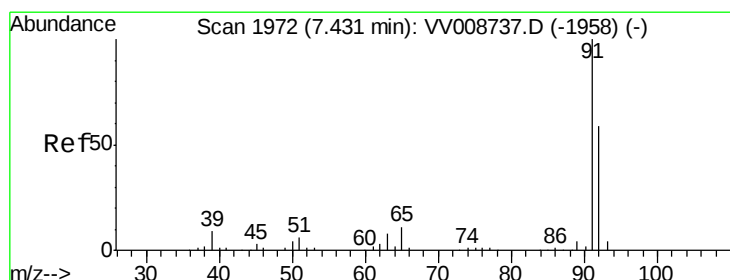
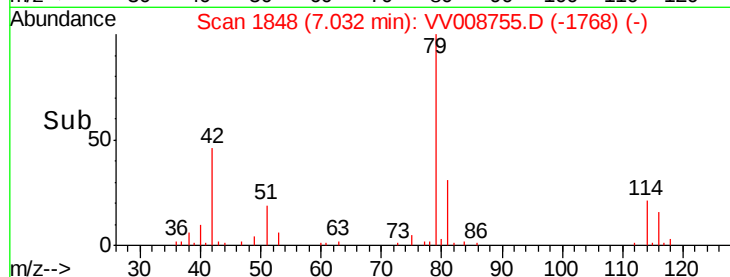
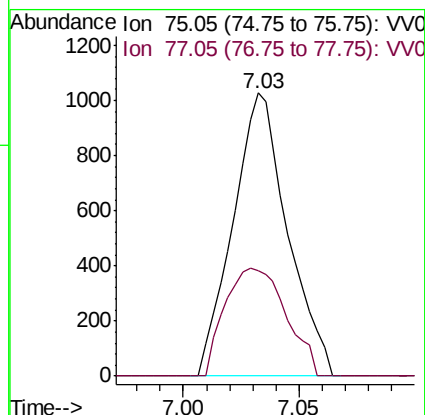
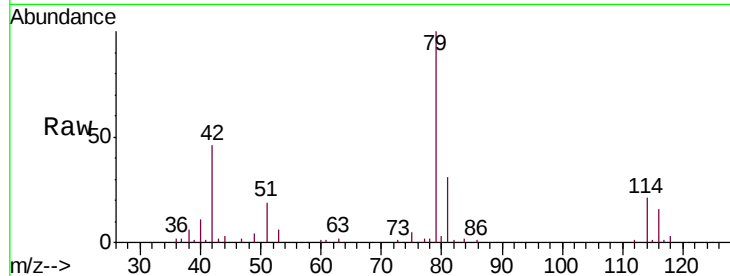


#39

cis-1,3-Dichloropropene
Concen: 0.118 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

Instrument :
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ClientSampleId :
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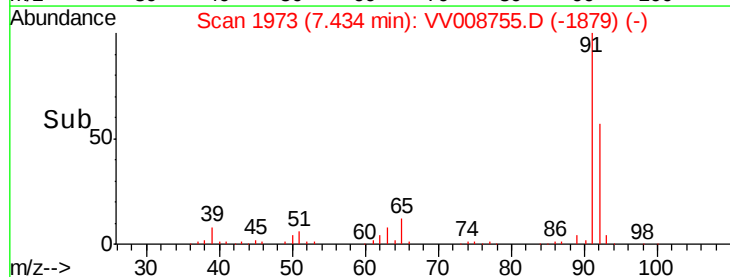
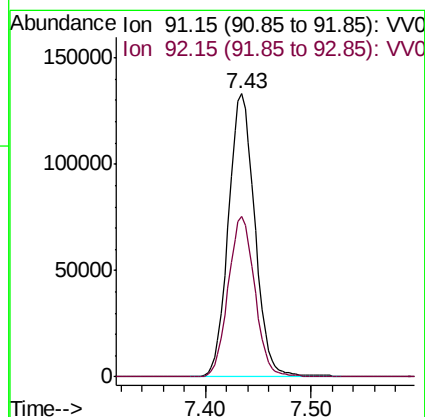
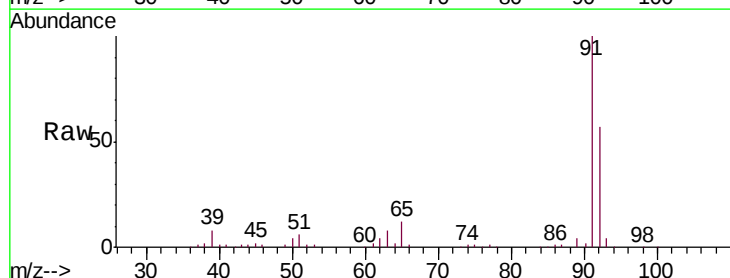
Tgt Ion: 75 Resp: 1679
Ion Ratio Lower Upper
75 100
77 37.4 23.8 44.2

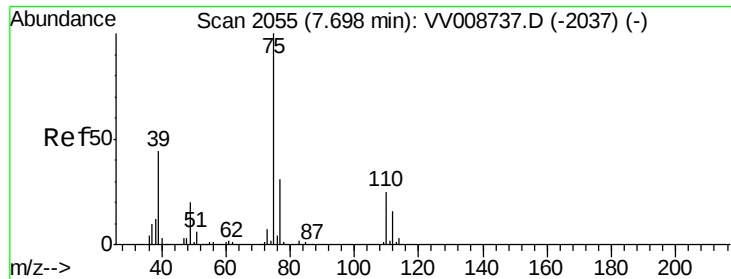


#42

Toluene
Concen: 5.210 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008755.D
Acq: 28 Nov 2018 23:08

Tgt Ion: 91 Resp: 231156
Ion Ratio Lower Upper
91 100
92 56.5 40.9 75.9





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.04 min

Lab File: VV008755.D

Acq: 28 Nov 2018 23:08

Instrument :

MSVOA_V

ClientSampleId :

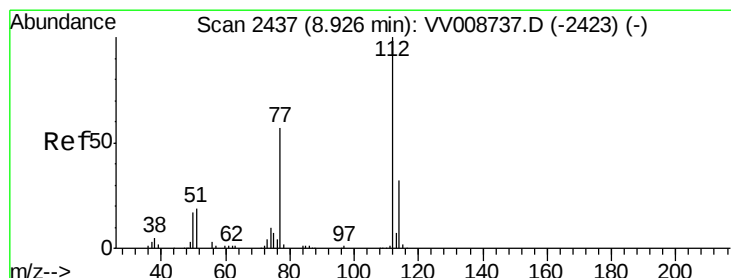
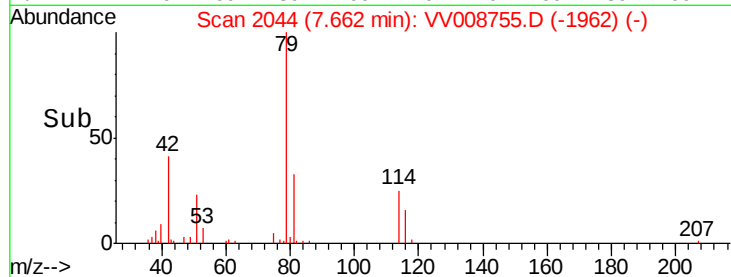
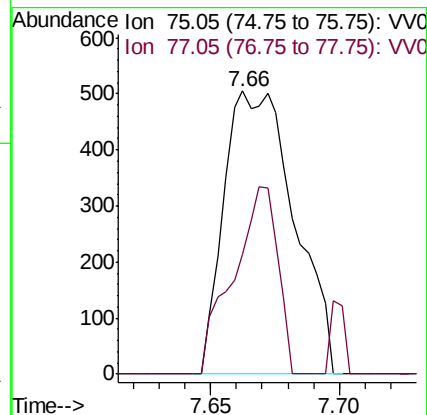
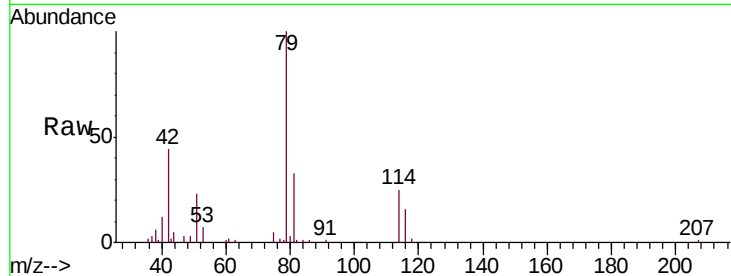
A4158MS

Tgt Ion: 75 Resp: 958

Ion Ratio Lower Upper

75 100

77 42.4 22.3 41.5#



#51

Chlorobenzene

Concen: 4.587 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV008755.D

Acq: 28 Nov 2018 23:08

Tgt Ion: 112 Resp: 147613

Ion Ratio Lower Upper

112 100

114 32.8 21.4 39.8

77 57.6 45.8 68.8

