

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060359.D
 Acq On : 08 Aug 2024 16:29
 Operator : MD/SY
 Sample : P3401-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 00:03:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:46:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	114859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	120410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43622	4.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.911	69	39090	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.563	65	17721	4.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.628	46	98755	51.613	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.220%
24) Chloroform-d	5.055	84	85200	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	40403	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	174305	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.682	67	56811	5.044	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	145481	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.174	79	17383	4.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.627	63	75830	46.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43010	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	53222	5.527	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1149	0.149	ug/L #	82
5) Vinyl chloride	1.602	62	97925	10.852	ug/L	98
12) 1,1-Dichloroethene	2.573	96	8375	1.106	ug/L #	1
13) Acetone	2.451	43	227272	173.942	ug/L	38
15) Methyl Acetate	2.840	43	799233	295.226	ug/L #	48
16) Methylene chloride	3.039	84	1671	0.155	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	22463	3.024	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	1626586	181.358	ug/L	97
27) 1,2-Dichloroethane	5.791	62	4651	0.524	ug/L	100
33) Benzene	5.769	78	13500	0.389	ug/L	100
34) Trichloroethene	6.534	95	577502	63.639	ug/L	98
35) Methylcyclohexane	6.682	83	12415	1.048	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5523	0.585	ug/L #	88
42) Toluene	7.968	91	7247	0.198	ug/L	92
61) 1,2,3-Trichloropropane	11.804	75	5846	1.155	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.769	75	62	0.065	ug/L #	1

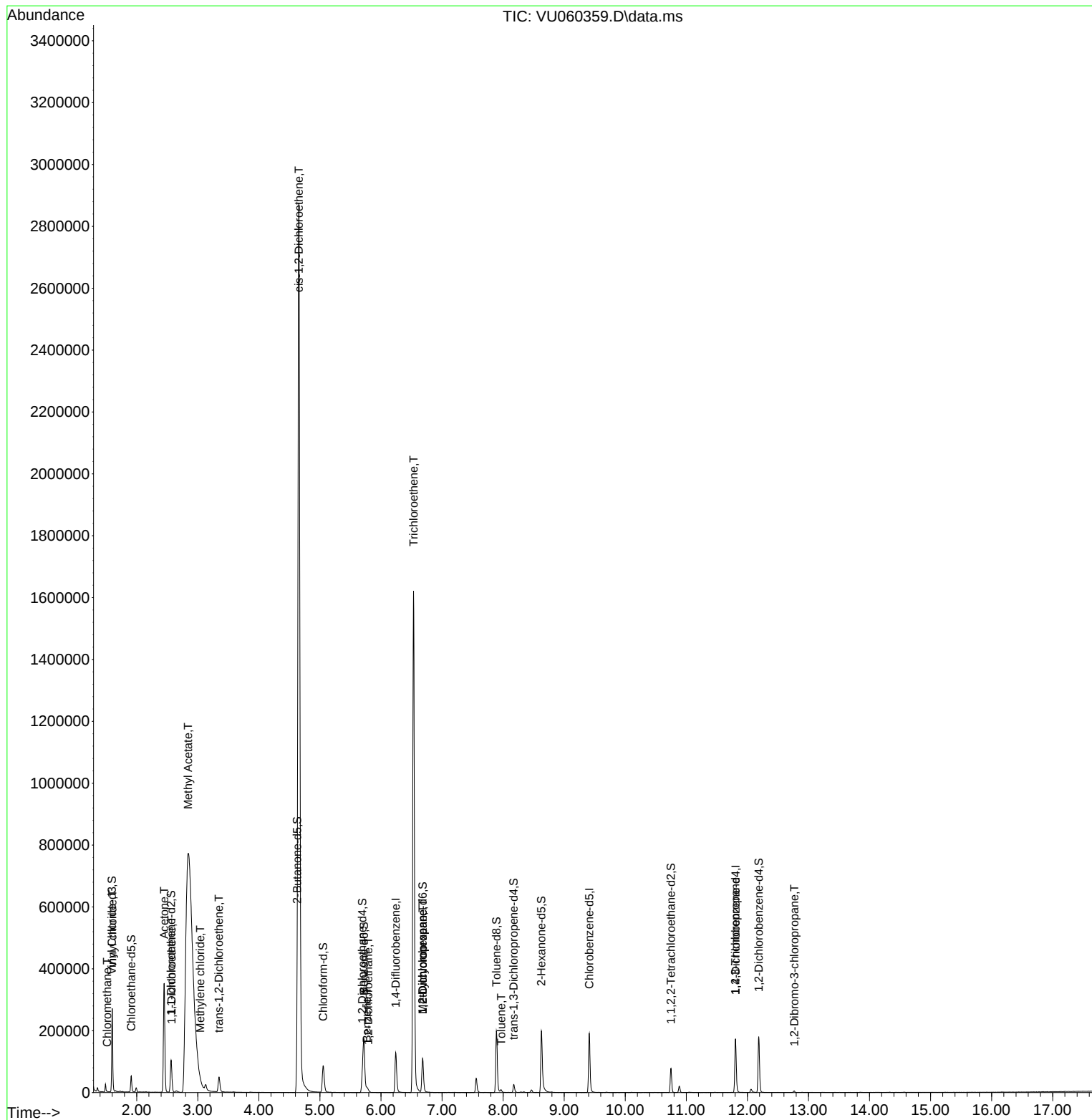
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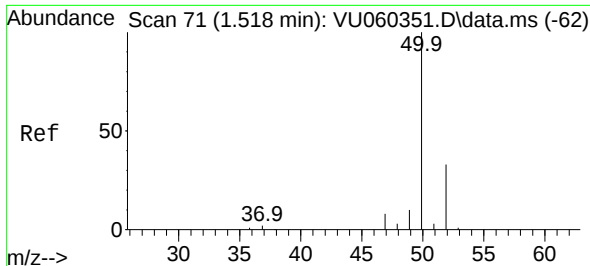
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
Data File : VU060359.D
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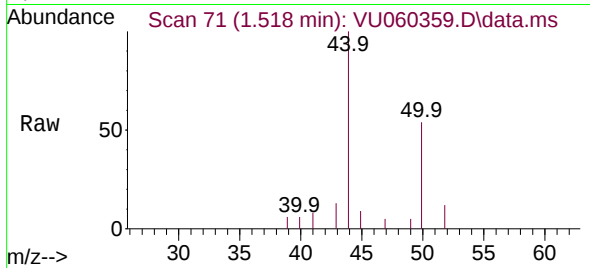
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 08 23:46:27 2024
Response via : Initial Calibration



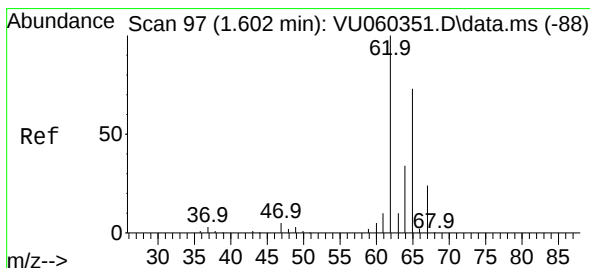
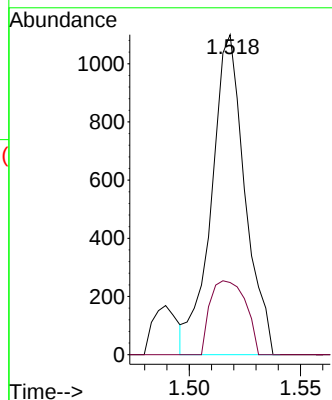
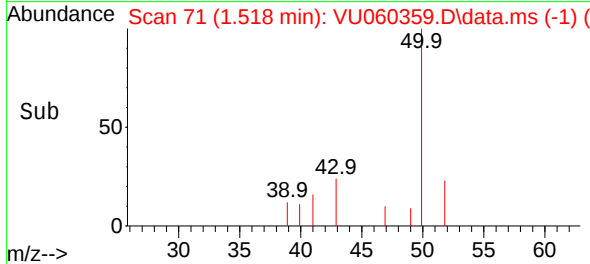


#3
Chloromethane
Concen: 0.149 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

Instrument :
MSVOA_U
ClientSampleId :

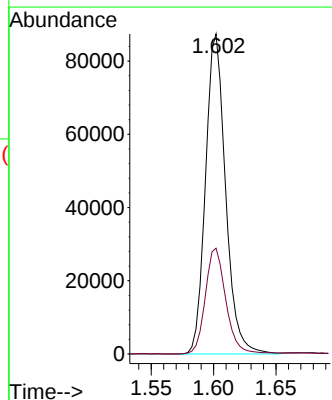
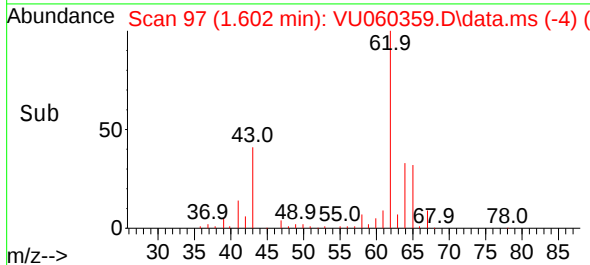
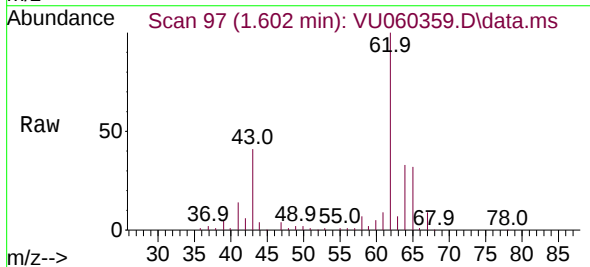


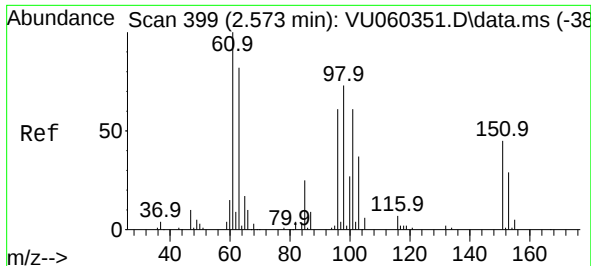
Tgt Ion: 50 Resp: 1149
Ion Ratio Lower Upper
50 100
52 22.5 22.8 42.4#



#5
Vinyl chloride
Concen: 10.852 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

Tgt Ion: 62 Resp: 97925
Ion Ratio Lower Upper
62 100
64 33.0 24.1 44.7





#12

1,1-Dichloroethene

Concen: 1.106 ug/L

RT: 2.573 min Scan# 30

Delta R.T. -0.000 min

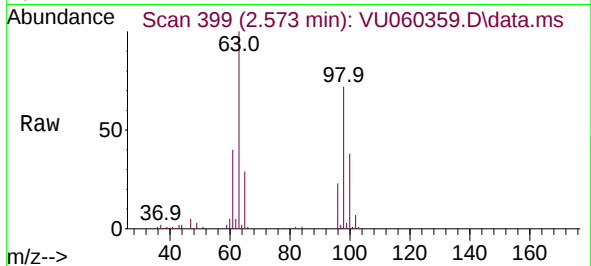
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Acq: 08 Aug 2024 16:29

Instrument :

MSVOA_U

ClientSampleId :



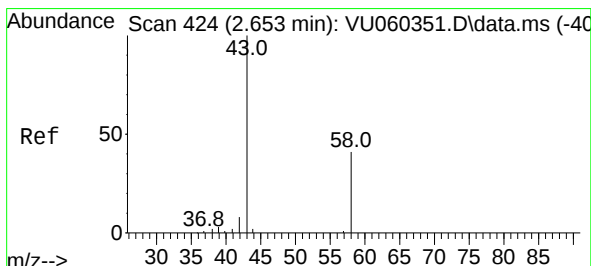
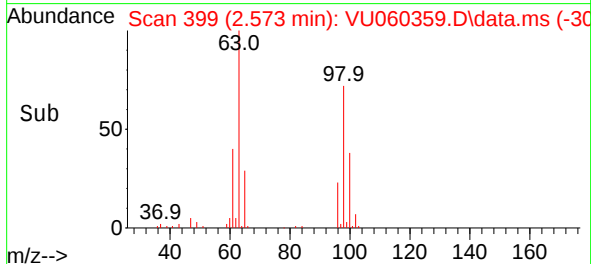
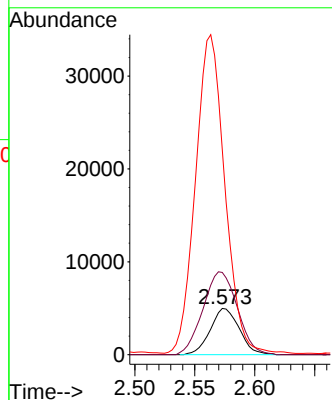
Tgt Ion: 96 Resp: 8375

Ion Ratio Lower Upper

96 100

61 178.1 114.4 212.4

63 443.7 96.0 178.4#



#13

Acetone

Concen: 173.942 ug/L

RT: 2.451 min Scan# 361

Delta R.T. -0.203 min

Lab File: VU060359.D

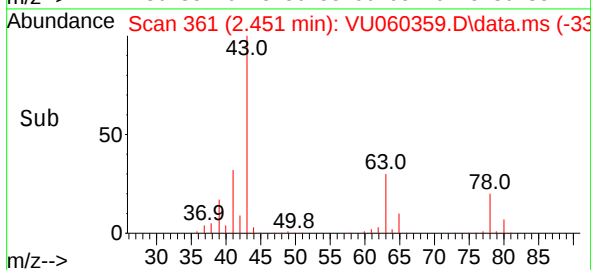
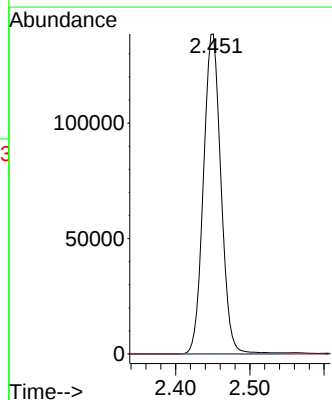
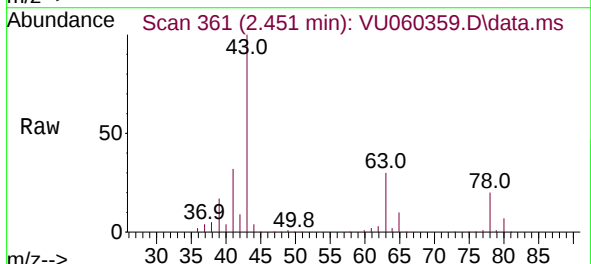
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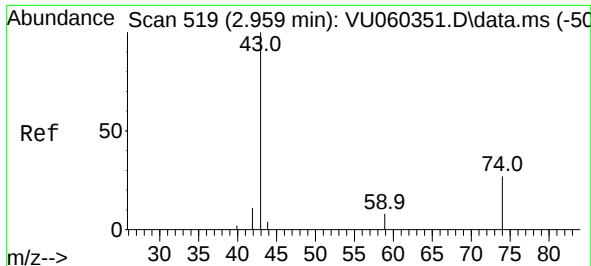
Tgt Ion: 43 Resp: 227272

Ion Ratio Lower Upper

43 100

58 1.6 0.0 78.8





#15

Methyl Acetate

Concen: 295.226 ug/L

RT: 2.840 min Scan# 41

Delta R.T. -0.119 min

Lab File: VU060359.D

Acq: 08 Aug 2024 16:29

Instrument :

MSVOA_U

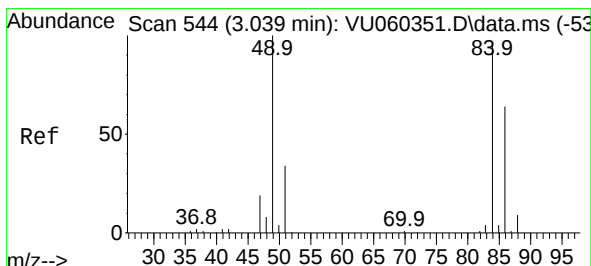
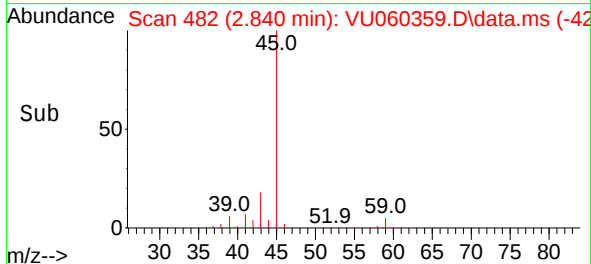
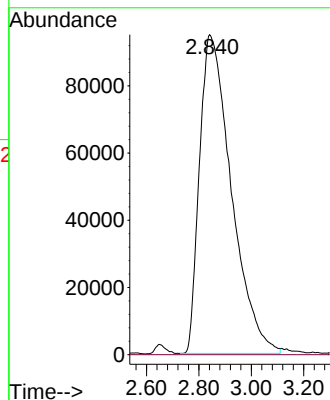
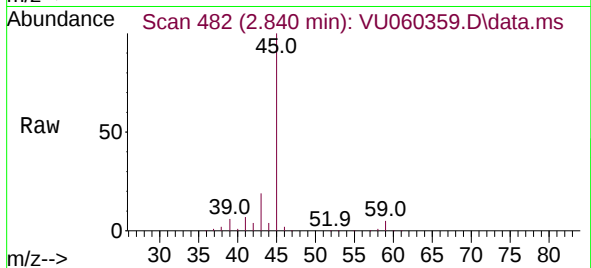
ClientSampleId :

Tgt Ion: 43 Resp: 799233

Ion Ratio Lower Upper

43 100

74 0.0 21.3 31.9#



#16

Methylene chloride

Concen: 0.155 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060359.D

Acq: 08 Aug 2024 16:29

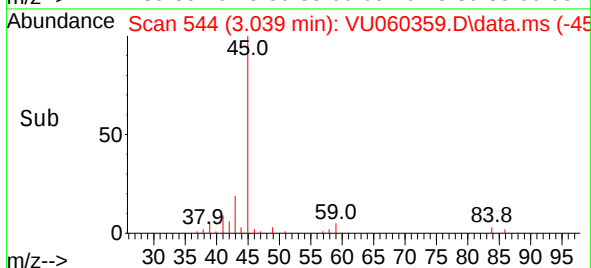
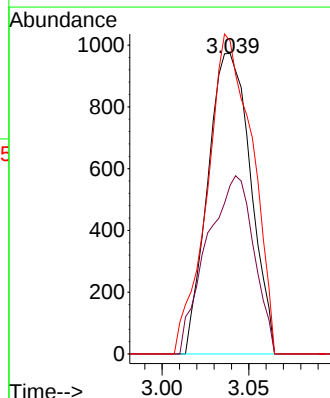
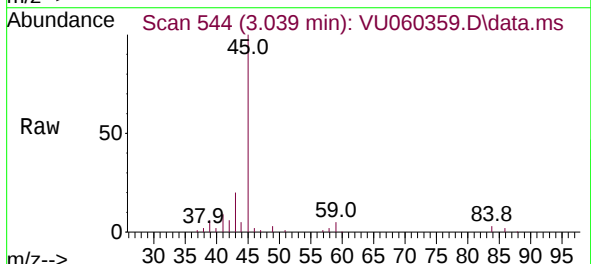
Tgt Ion: 84 Resp: 1671

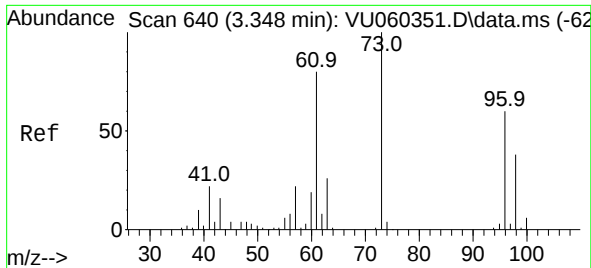
Ion Ratio Lower Upper

84 100

86 56.1 47.1 87.5

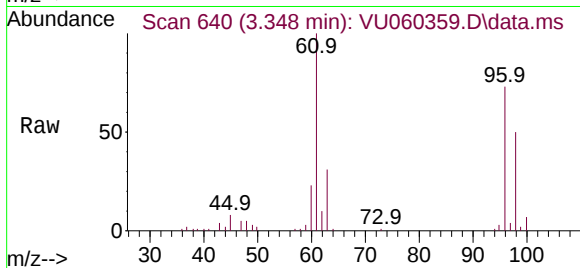
49 104.1 73.9 137.3



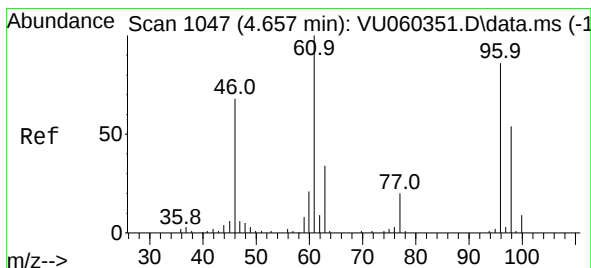
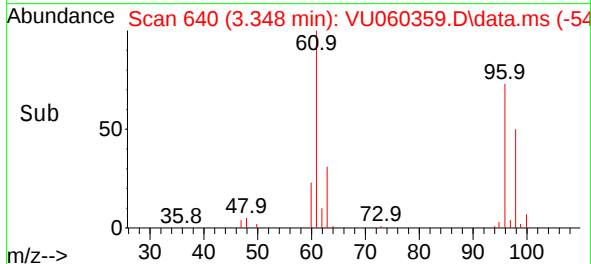
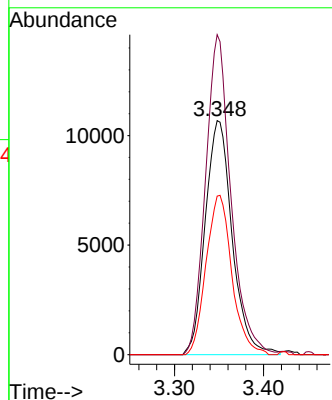


#18
trans-1,2-Dichloroethene
Concen: 3.024 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

Instrument :
MSVOA_U
ClientSampleId :

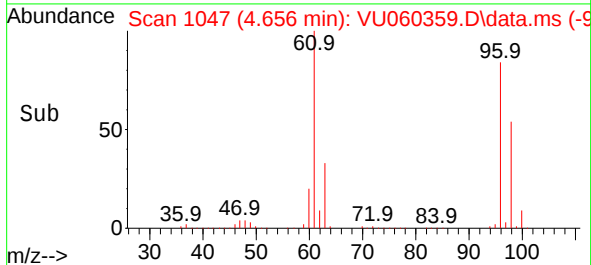
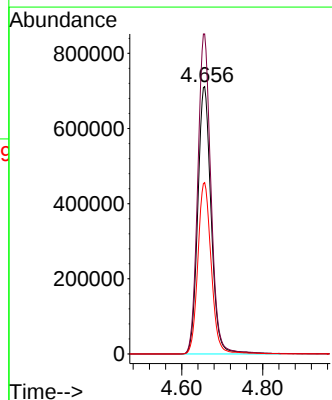
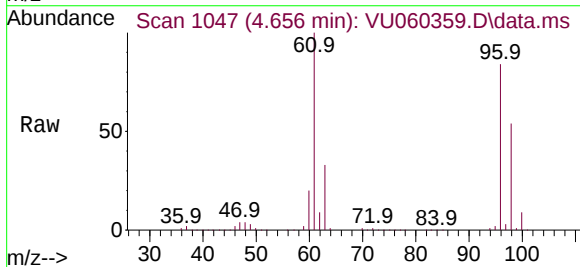


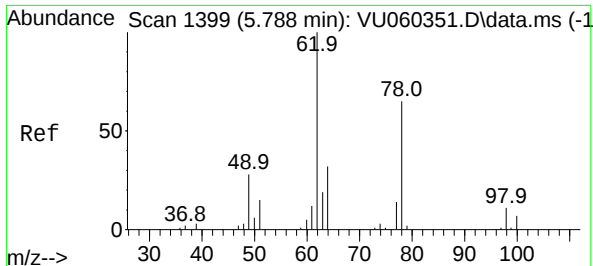
Tgt Ion: 96 Resp: 22463
Ion Ratio Lower Upper
96 100
61 136.7 93.7 174.1
98 67.8 44.7 82.9



#22
cis-1,2-Dichloroethene
Concen: 181.358 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

Tgt Ion: 96 Resp: 1626586
Ion Ratio Lower Upper
96 100
61 119.7 81.5 151.5
98 64.1 43.5 80.7

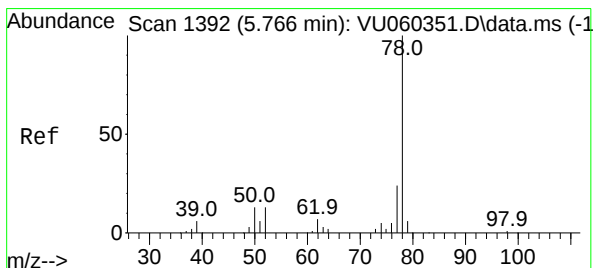
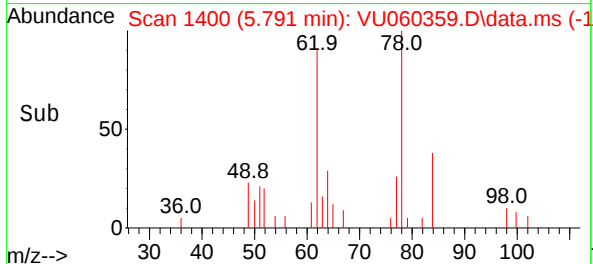
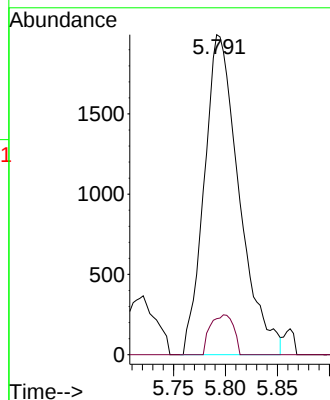
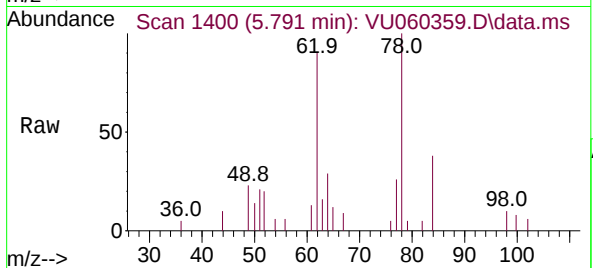




#27
1,2-Dichloroethane
Concen: 0.524 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

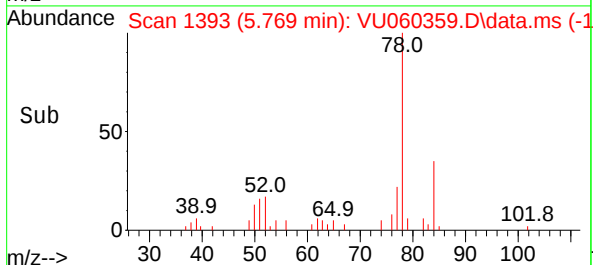
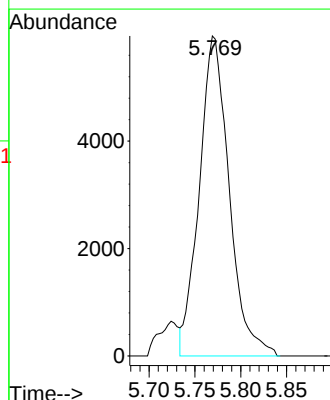
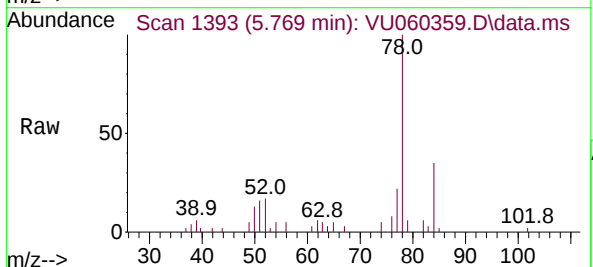
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ClientSampleId :

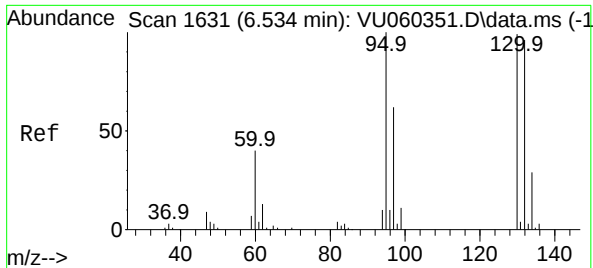
Tgt Ion: 62 Resp: 4651
Ion Ratio Lower Upper
62 100
98 11.2 9.0 13.6



#33
Benzene
Concen: 0.389 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

Tgt Ion: 78 Resp: 13500

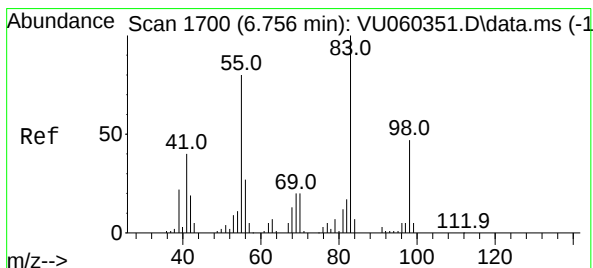
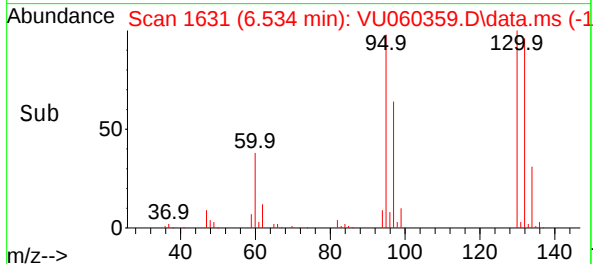
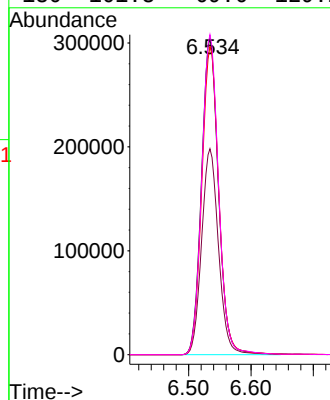
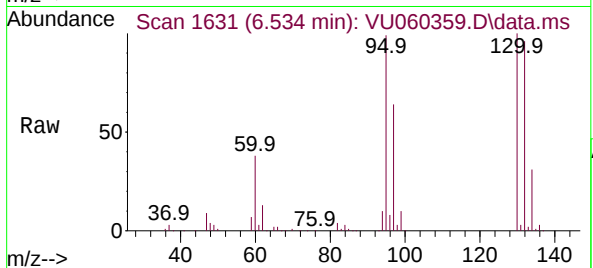




#34
Trichloroethene
Concen: 63.639 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

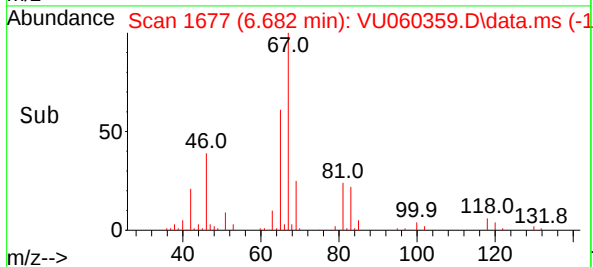
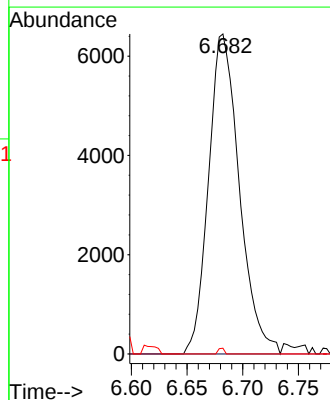
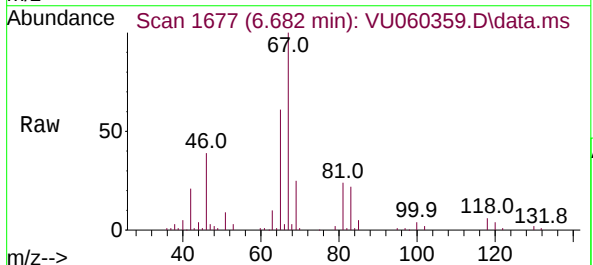
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MSVOA_U
ClientSampleId :

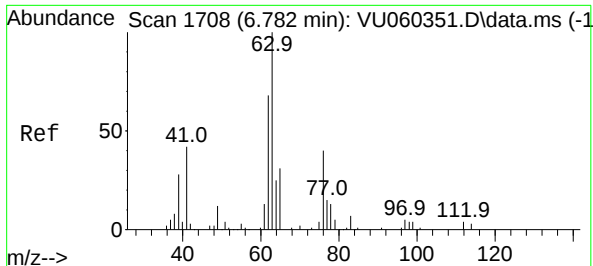
Tgt Ion: 95 Resp: 577502
Ion Ratio Lower Upper
95 100
97 65.2 43.6 81.0
132 97.5 67.1 124.5
130 101.3 69.6 129.2



#35
Methylcyclohexane
Concen: 1.048 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

Tgt Ion: 83 Resp: 12415
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.0 37.3 55.9#

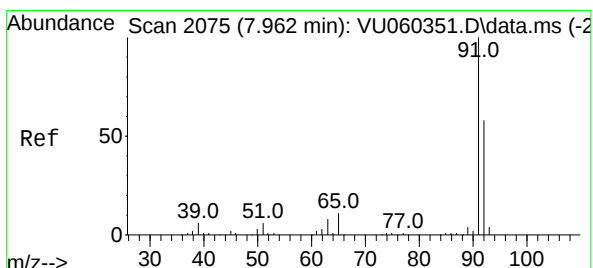
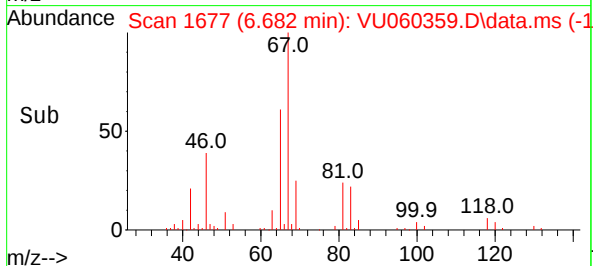
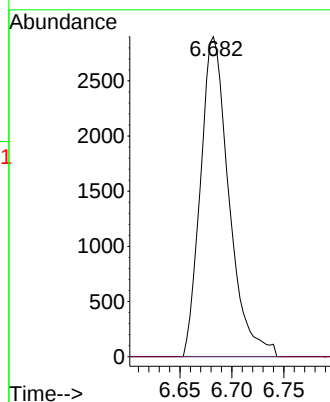
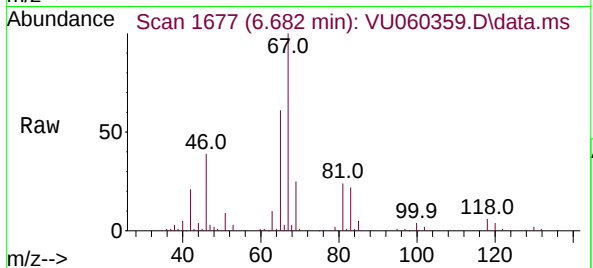




#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

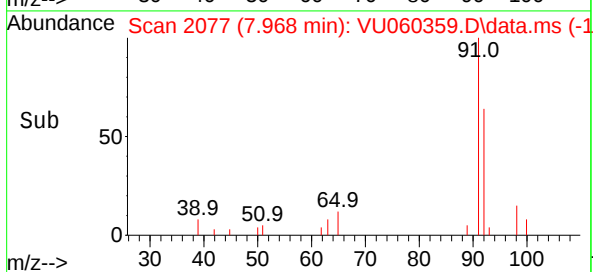
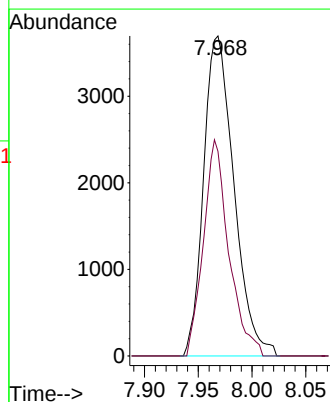
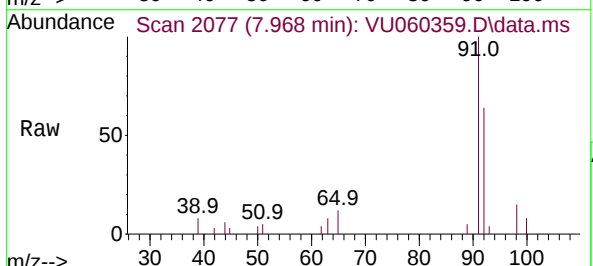
Instrument :
MSVOA_U
ClientSampleId :

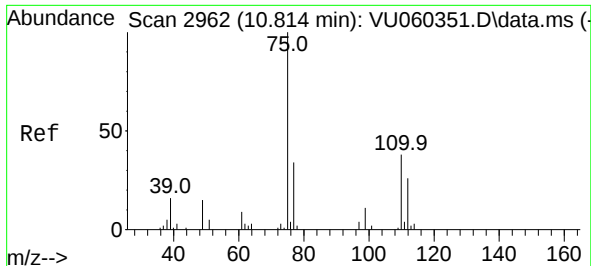
Tgt Ion: 63 Resp: 5523
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 0.198 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU060359.D
Acq: 08 Aug 2024 16:29

Tgt Ion: 91 Resp: 7247
Ion Ratio Lower Upper
91 100
92 64.0 40.6 75.4





#61

1,2,3-Trichloropropane

Concen: 1.155 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU060359.D

Acq: 08 Aug 2024 16:29

Instrument :

MSVOA_U

ClientSampleId :

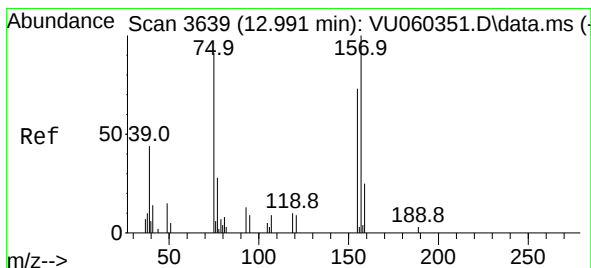
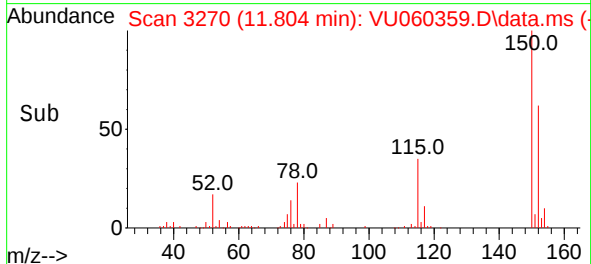
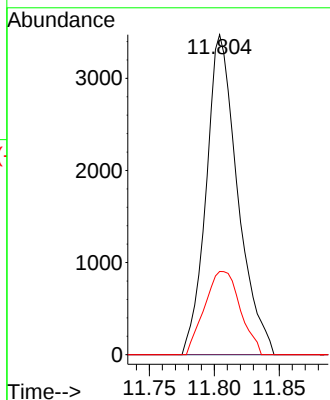
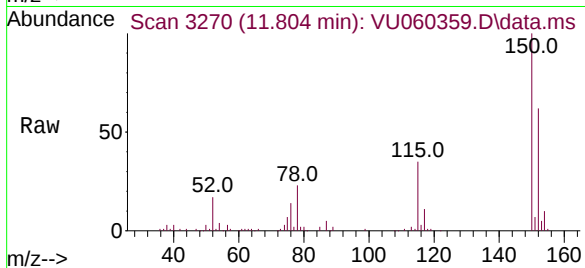
Tgt Ion: 75 Resp: 5846

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 29.5 27.0 40.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.065 ug/L

RT: 12.769 min Scan# 3570

Delta R.T. -0.222 min

Lab File: VU060359.D

Acq: 08 Aug 2024 16:29

Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

155 0.0 64.3 96.5#

157 0.0 88.0 132.0#

