

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060071.D
 Acq On : 19 Jul 2024 19:29
 Operator : MD/SY
 Sample : P3298-01 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 01:43:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

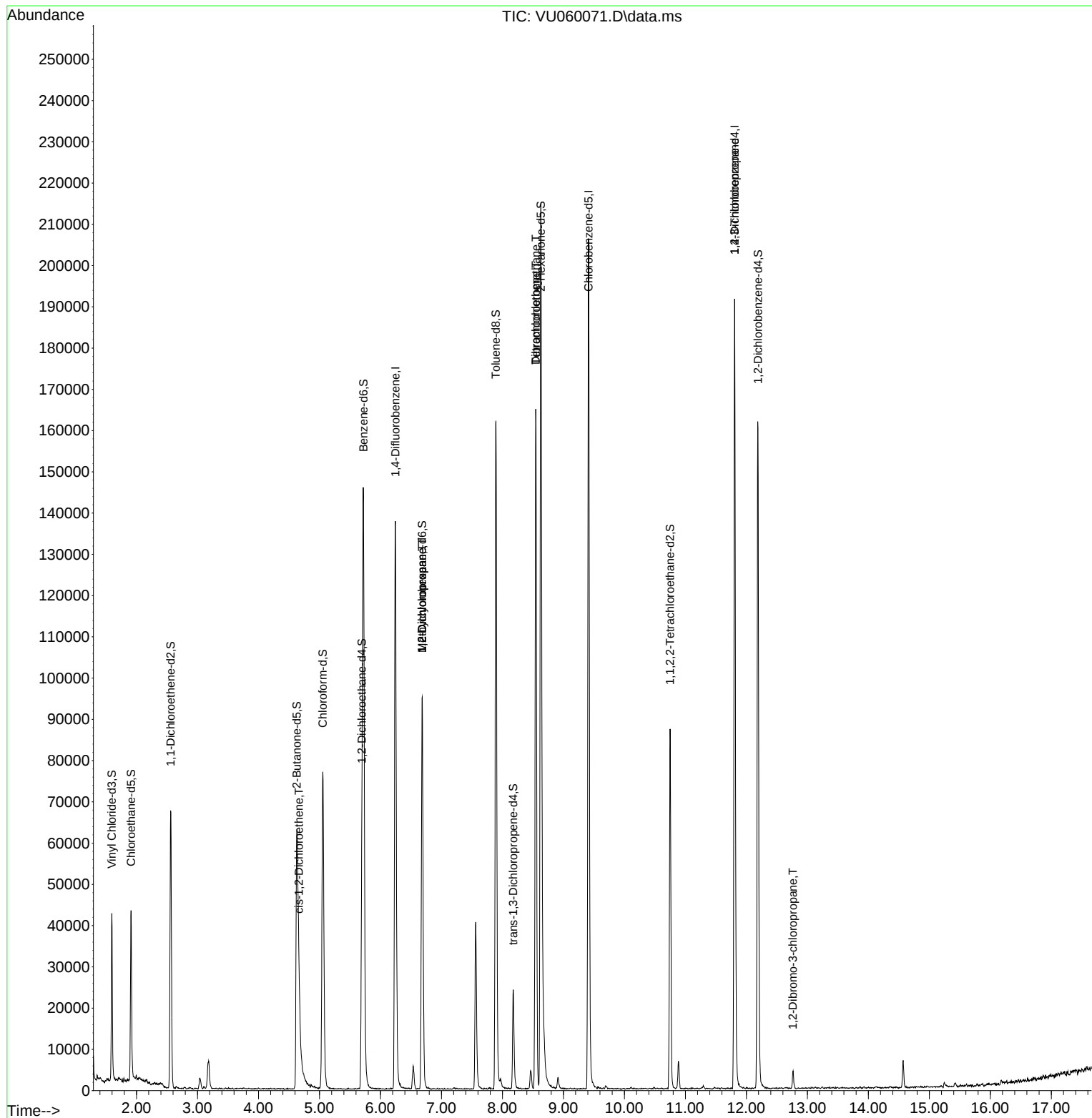
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	124464	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	129665	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57986	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29261	3.379	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.911	69	32646	4.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	12804	3.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.628	46	103648	51.194	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.380%
24) Chloroform-d	5.055	84	76420	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.695	65	38621	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	145776	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.685	67	48186	4.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.891	98	118872	3.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.177	79	15535	4.123	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.631	63	81792	48.913	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45705	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	49884	4.766	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.663	96	3808	0.344	ug/L	95
35) Methylcyclohexane	6.685	83	11766	0.790	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	4768	0.412	ug/L #	88
47) Tetrachloroethene	8.547	164	40462	4.308	ug/L	99
49) Dibromochloromethane	8.547	129	37275	3.811	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	6192	1.013	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.759	75	95	0.080	ug/L #	1

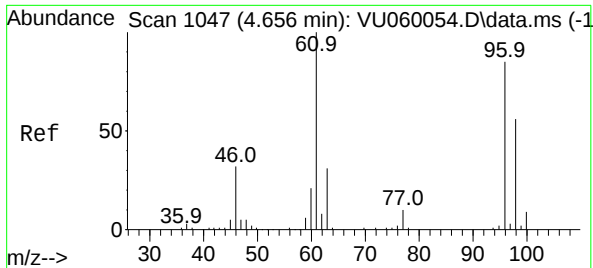
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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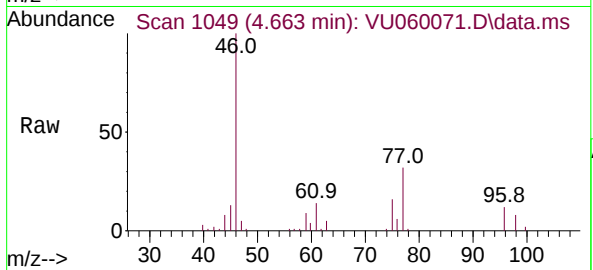
Quant Time: Jul 20 01:43:13 2024
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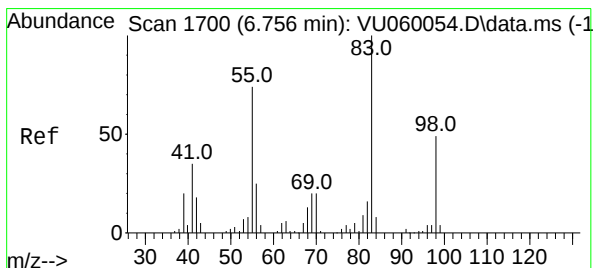
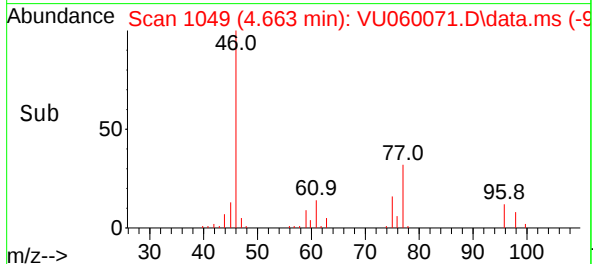
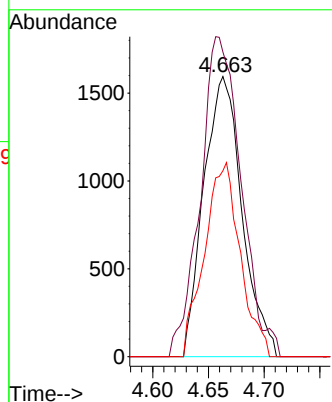


#22
 cis-1,2-Dichloroethene
 Concen: 0.344 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.007 min
 Lab File: VU060071.D
 Acq: 19 Jul 2024 19:29

Instrument :
 MSVOA_U
 ClientSampleId :

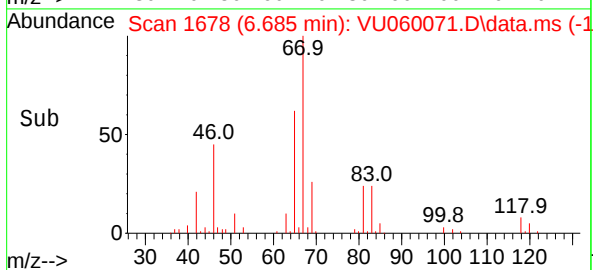
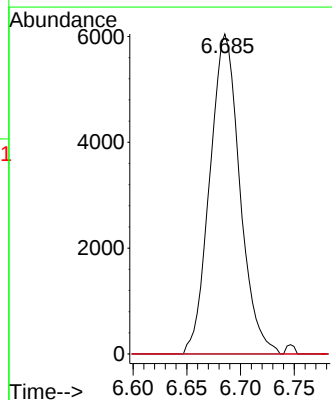
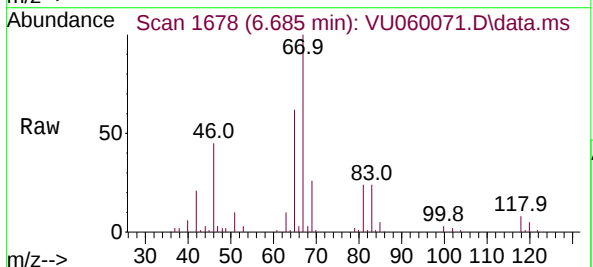


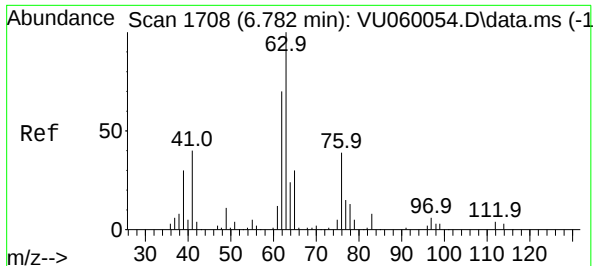
Tgt Ion: 96 Resp: 3808
 Ion Ratio Lower Upper
 96 100
 61 108.8 80.2 148.9
 98 66.4 44.7 83.1



#35
 Methylcyclohexane
 Concen: 0.790 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.071 min
 Lab File: VU060071.D
 Acq: 19 Jul 2024 19:29

Tgt Ion: 83 Resp: 11766
 Ion Ratio Lower Upper
 83 100
 55 0.0 56.7 85.1#
 98 0.5 36.6 55.0#

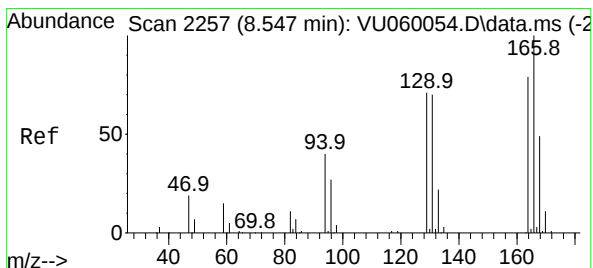
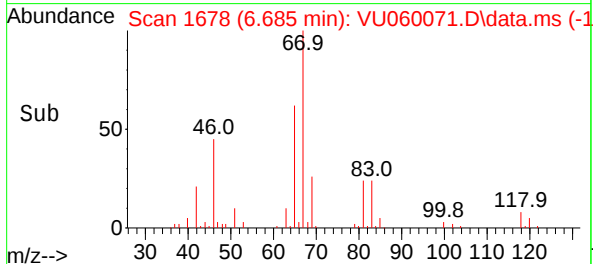
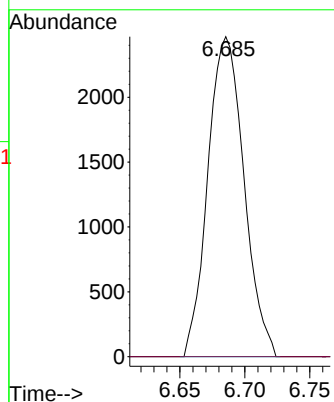
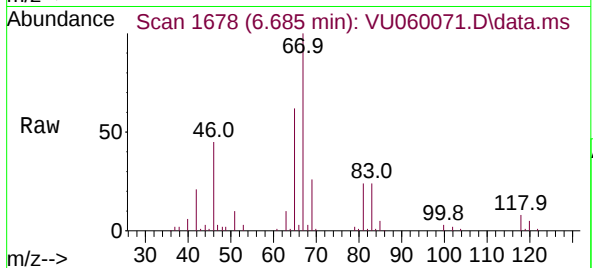




#37
1,2-Dichloropropane
Concen: 0.412 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060071.D
Acq: 19 Jul 2024 19:29

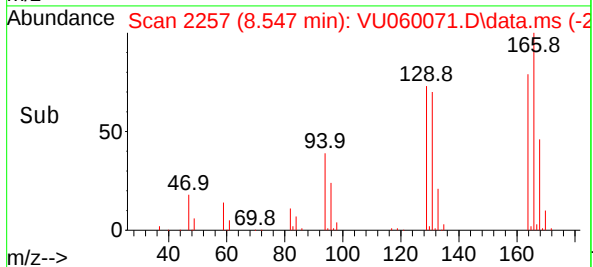
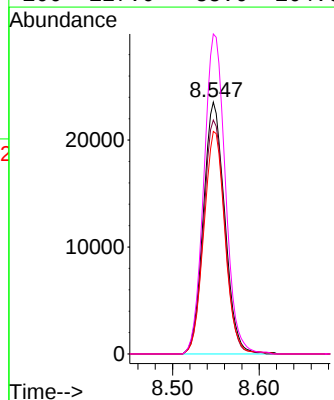
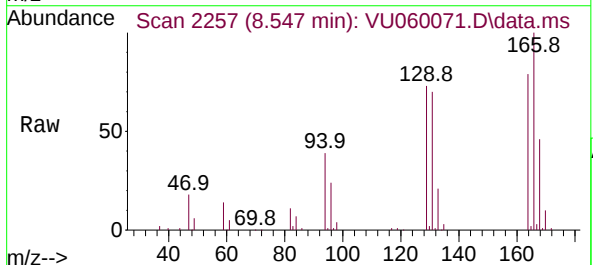
Instrument :
MSVOA_U
ClientSampleId :

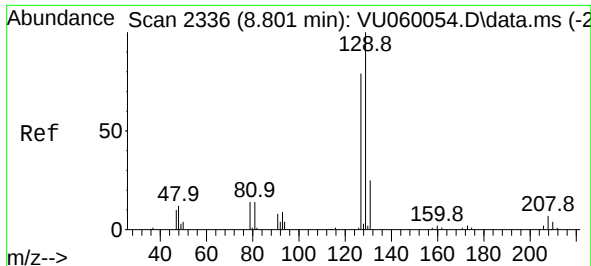
Tgt Ion: 63 Resp: 4768
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 4.308 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060071.D
Acq: 19 Jul 2024 19:29

Tgt Ion:164 Resp: 40462
Ion Ratio Lower Upper
164 100
129 92.9 64.6 120.0
131 88.4 61.2 113.8
166 127.0 88.6 164.6





#49

Dibromochloromethane

Concen: 3.811 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060071.D

Acq: 19 Jul 2024 19:29

Instrument :

MSVOA_U

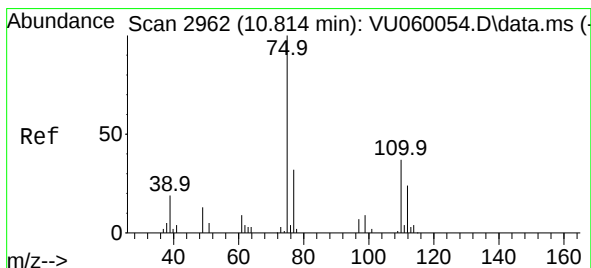
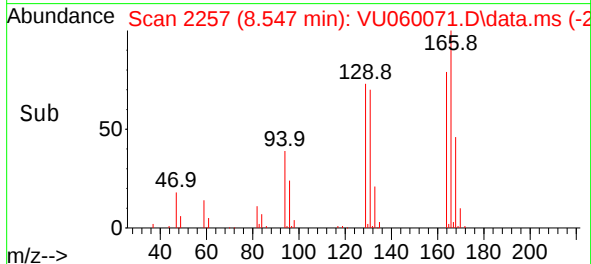
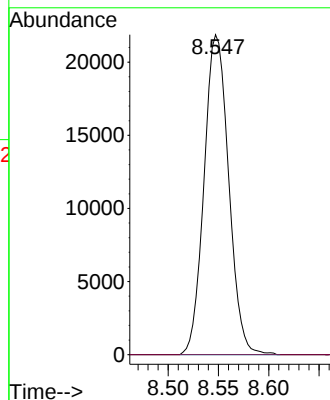
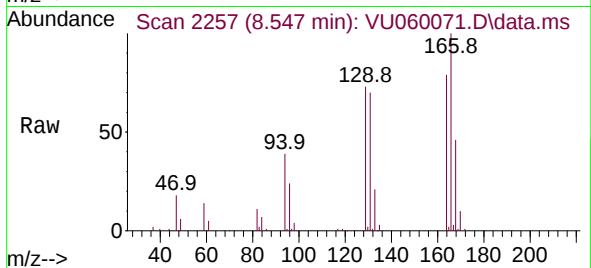
ClientSampleId :

Tgt Ion:129 Resp: 37275

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



#61

1,2,3-Trichloropropane

Concen: 1.013 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU060071.D

Acq: 19 Jul 2024 19:29

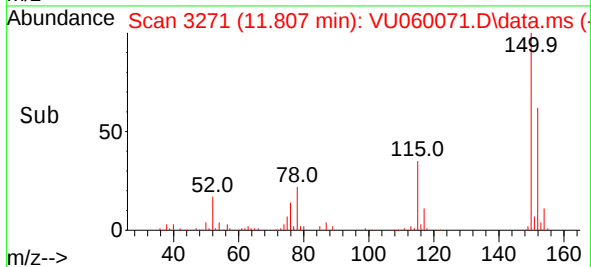
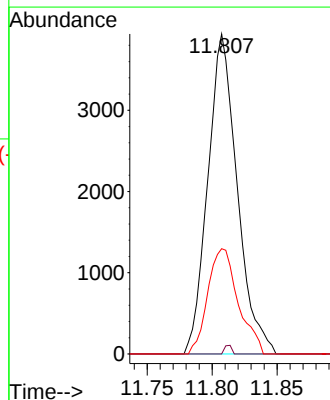
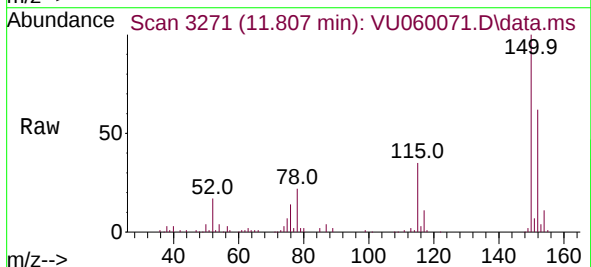
Tgt Ion: 75 Resp: 6192

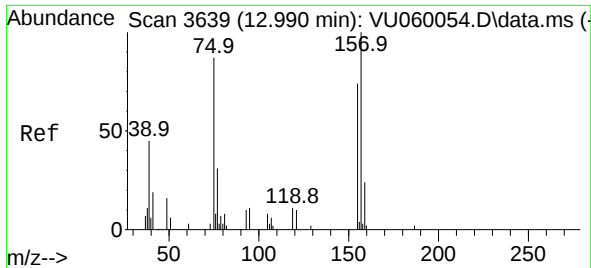
Ion Ratio Lower Upper

75 100

110 0.6 30.8 46.2#

77 34.1 26.2 39.2





#68

1,2-Dibromo-3-chloropropane

Concen: 0.080 ug/L

RT: 12.759 min Scan# 3567

Delta R.T. -0.231 min

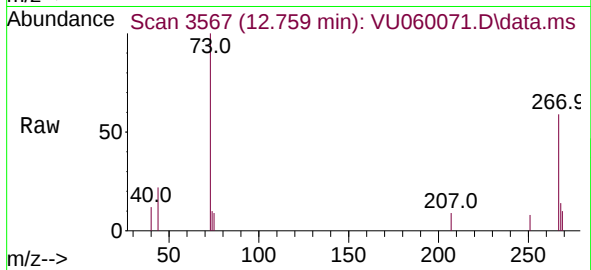
Lab File: VU060071.D

Acq: 19 Jul 2024 19:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 95

Ion Ratio Lower Upper

75 100

155 0.0 70.6 105.8#

157 0.0 99.4 149.2#

