

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059849.D
 Acq On : 05 Jul 2024 10:13
 Operator : MD/SY
 Sample : P3122-04DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 03:01:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

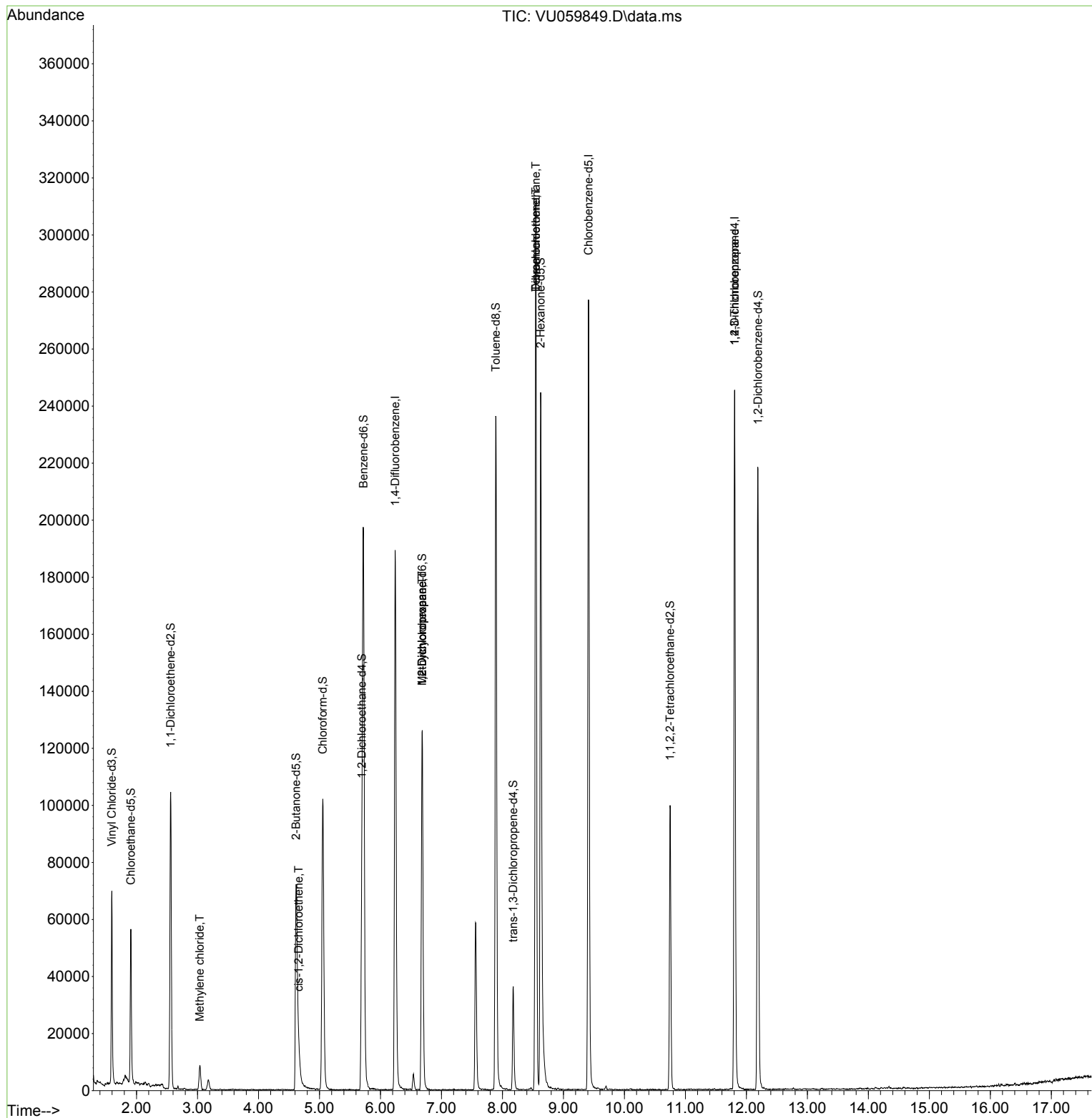
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162085	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72038	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50117	4.447	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.907	69	43380	4.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.560	65	19416	4.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.618	46	105216	45.321	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.640%
24) Chloroform-d	5.055	84	99249	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.695	65	50134	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.721	84	200215	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.685	67	63936	4.529	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.891	98	169431	3.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.177	79	21817	4.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.627	63	86845	47.280	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53420	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	64227	5.009	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	4694	0.345	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	2808	0.213	ug/L	77
35) Methylcyclohexane	6.685	83	14832	0.757	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6679	0.508	ug/L #	90
47) Tetrachloroethene	8.547	164	71688	6.710	ug/L	98
49) Dibromochloromethane	8.547	129	66219	6.166	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	7685	1.154	ug/L #	69

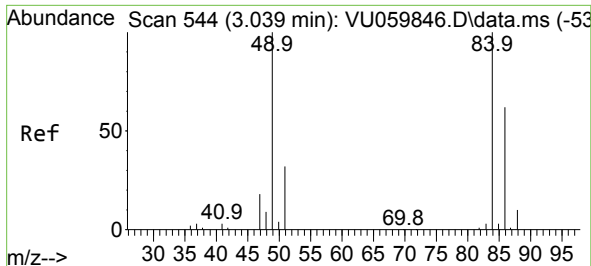
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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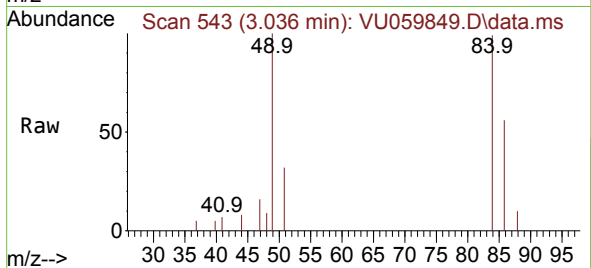
Quant Time: Jul 06 03:01:15 2024
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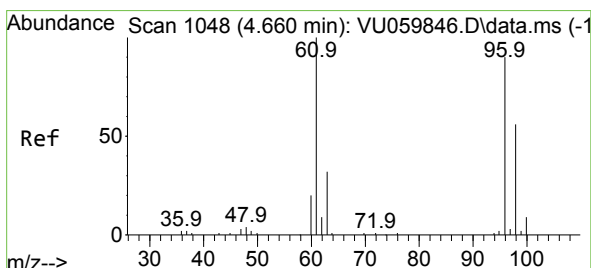
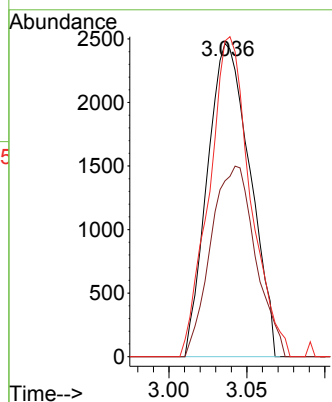
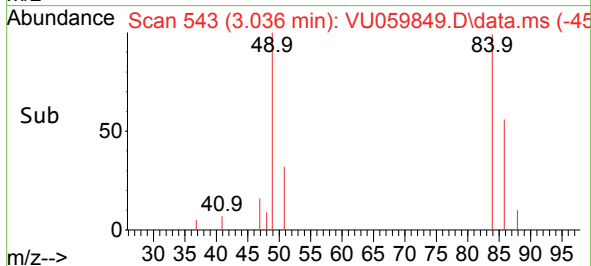


#16
Methylene chloride
Concen: 0.345 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU059849.D
Acq: 05 Jul 2024 10:13

Instrument :
MSVOA_U
ClientSampleId :

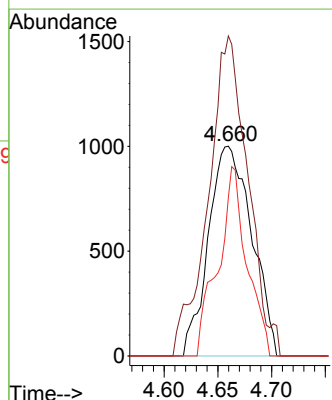
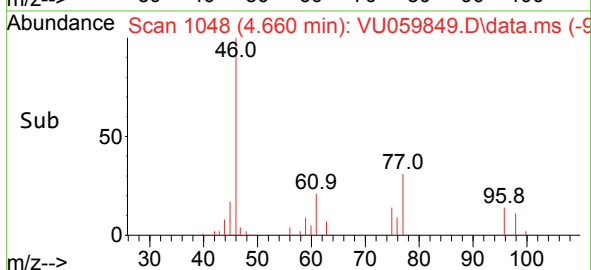
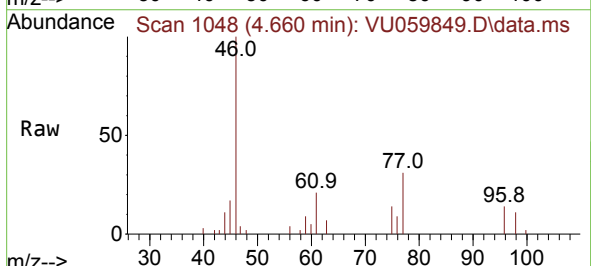


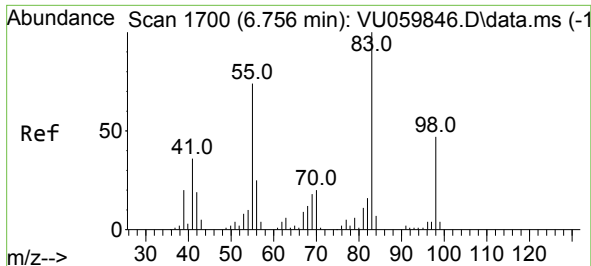
Tgt Ion: 84 Resp: 4694
Ion Ratio Lower Upper
84 100
86 56.2 42.1 78.1
49 100.8 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 0.213 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059849.D
Acq: 05 Jul 2024 10:13

Tgt Ion: 96 Resp: 2808
Ion Ratio Lower Upper
96 100
61 152.5 87.4 162.2
98 75.5 42.3 78.5

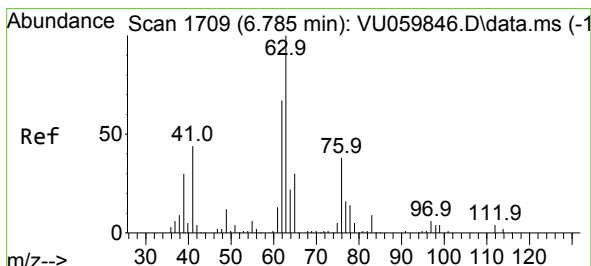
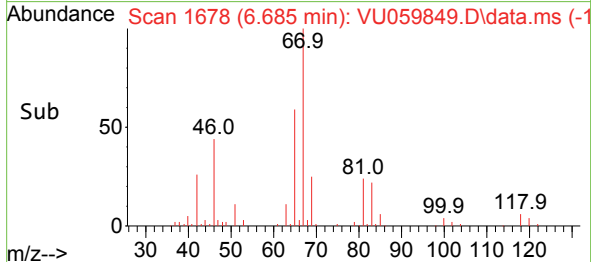
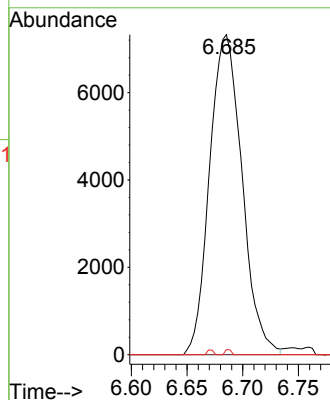
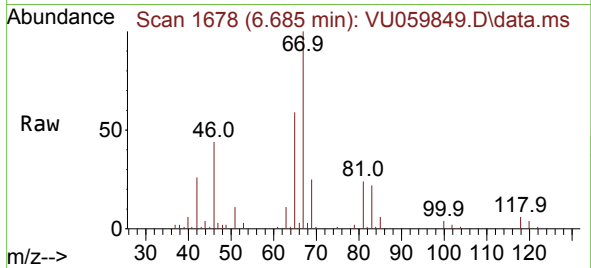




#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU059849.D
Acq: 05 Jul 2024 10:13

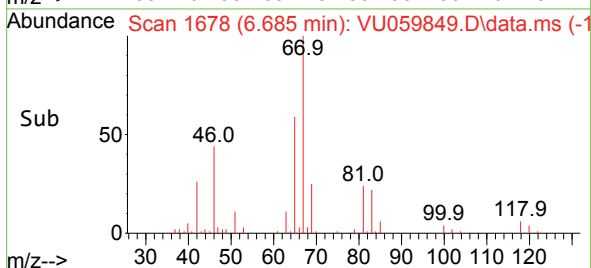
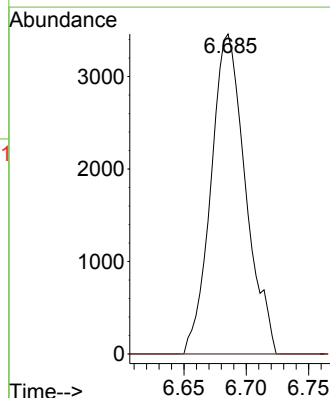
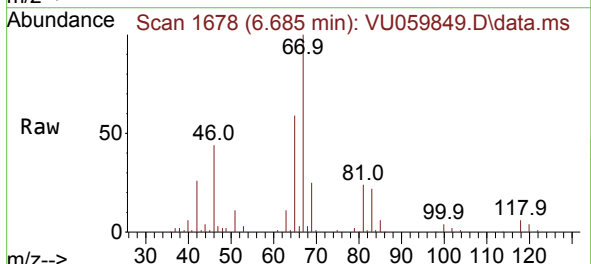
Instrument :
MSVOA_U
ClientSampleId :

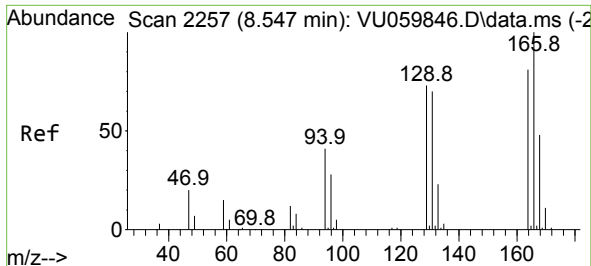
Tgt Ion: 83 Resp: 14832
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.3 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU059849.D
Acq: 05 Jul 2024 10:13

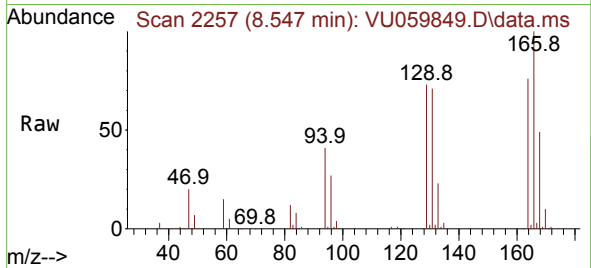
Tgt Ion: 63 Resp: 6679
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



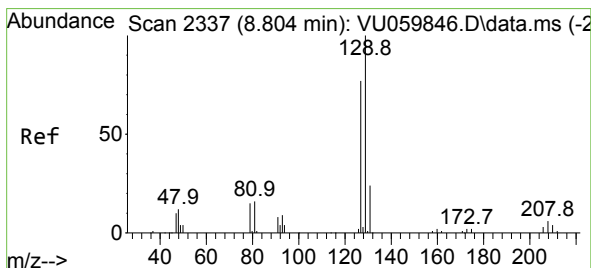
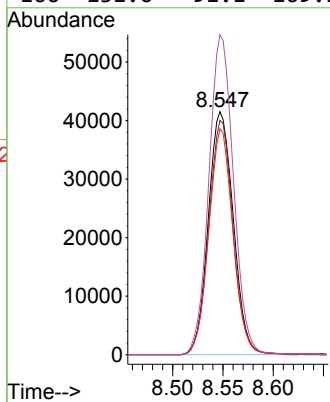
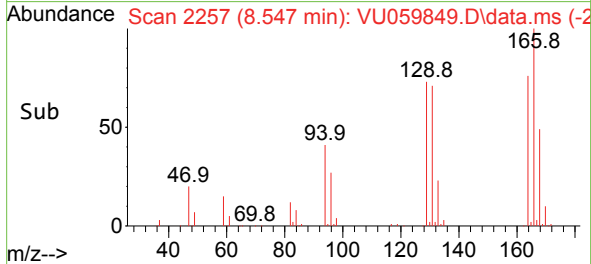


#47
Tetrachloroethene
Concen: 6.710 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059849.D
Acq: 05 Jul 2024 10:13

Instrument :
MSVOA_U
ClientSampleId :

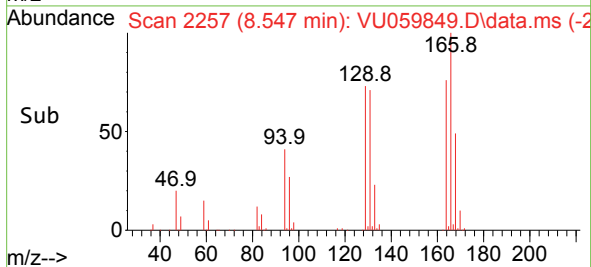
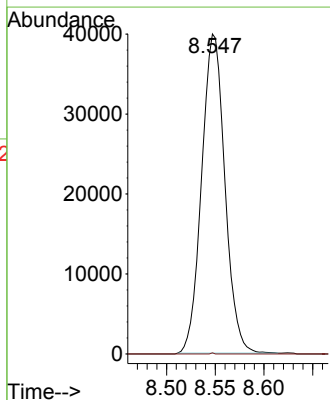
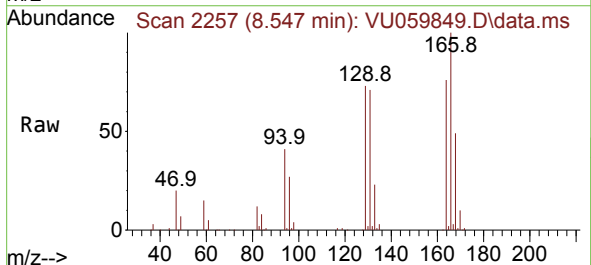


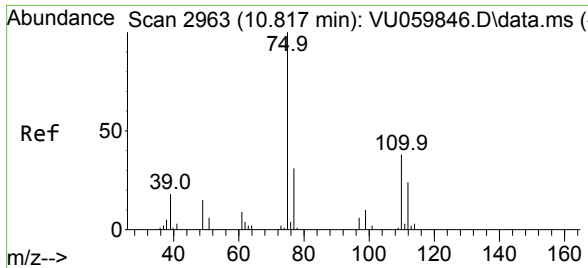
Tgt Ion:164 Resp: 71688
Ion Ratio Lower Upper
164 100
129 96.3 70.8 131.4
131 93.0 64.8 120.3
166 131.6 91.1 169.1



#49
Dibromochloromethane
Concen: 6.166 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU059849.D
Acq: 05 Jul 2024 10:13

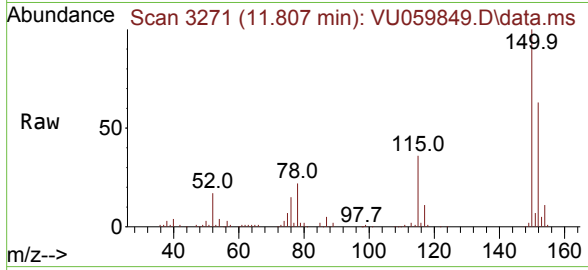
Tgt Ion:129 Resp: 66219
Ion Ratio Lower Upper
129 100
127 0.3 52.5 97.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.154 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU059849.D
 Acq: 05 Jul 2024 10:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7685
 Ion Ratio Lower Upper
 75 100
 110 1.3 27.1 40.7#
 77 30.3 25.4 38.2

