

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058268.D
 Acq On : 29 Mar 2024 14:42
 Operator : MD/SY
 Sample : P1902-16DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 29 23:42:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 23:40:26 2024
 Response via : Initial Calibration

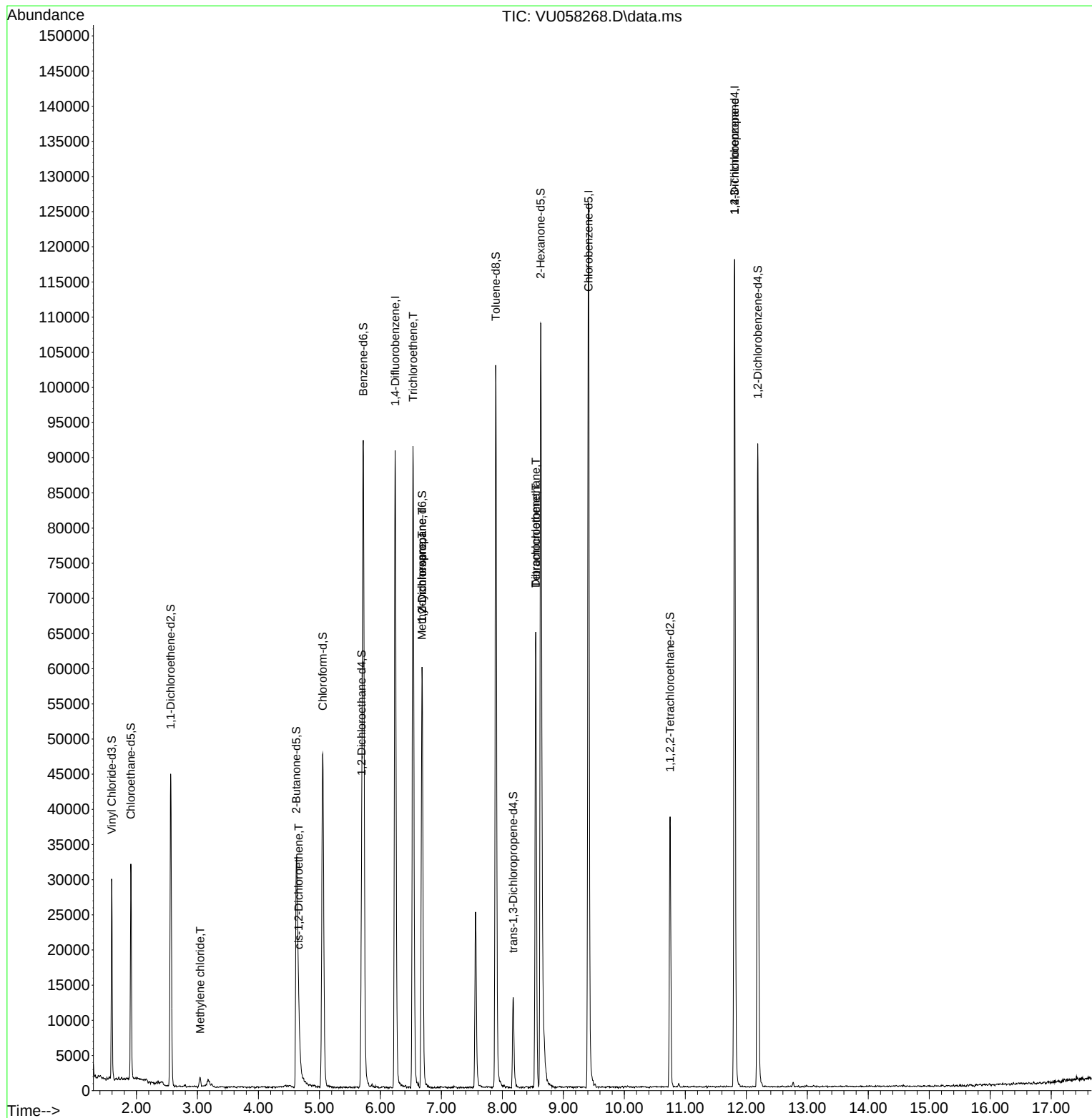
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

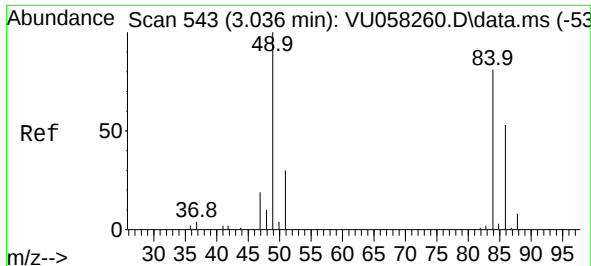
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73621	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71047	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19784	3.180	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	63.600%		
7) Chloroethane-d5	1.907	69	20978	4.131	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	82.600%		
11) 1,1-Dichloroethene-d2	2.560	65	8649	3.348	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	67.000%		
20) 2-Butanone-d5	4.621	46	55165	49.911	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	99.820%		
24) Chloroform-d	5.052	84	46106	4.145	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	83.000%		
26) 1,2-Dichloroethane-d4	5.692	65	23395	4.499	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	90.000%		
32) Benzene-d6	5.718	84	87316	3.784	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	75.600%		
36) 1,2-Dichloropropane-d6	6.682	67	29141	4.285	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	85.600%		
41) Toluene-d8	7.891	98	69591	3.404	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	68.000%#		
43) trans-1,3-Dichloroprop...	8.177	79	8058	3.698	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	74.000%		
46) 2-Hexanone-d5	8.627	63	40871	46.312	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	92.620%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20088	4.534	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	24752	4.258	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	85.200%		
Target Compounds						Qvalue
16) Methylene chloride	3.046	84	782	0.150	ug/L #	63
22) cis-1,2-Dichloroethene	4.660	96	1841	0.386	ug/L	83
34) Trichloroethene	6.534	95	31893	6.560	ug/L	98
35) Methylcyclohexane	6.679	83	6569	0.969	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2991	0.574	ug/L #	90
47) Tetrachloroethene	8.547	164	13290	4.081	ug/L	99
49) Dibromochloromethane	8.547	129	13314	3.706	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4132	1.581	ug/L #	68

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

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#16

Methylene chloride

Concen: 0.150 ug/L

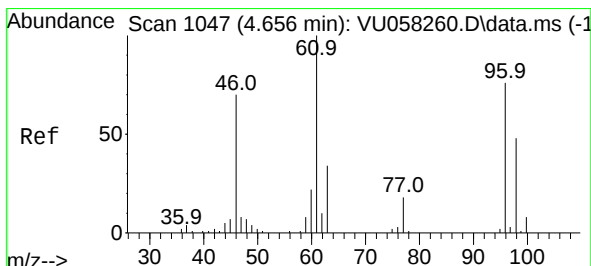
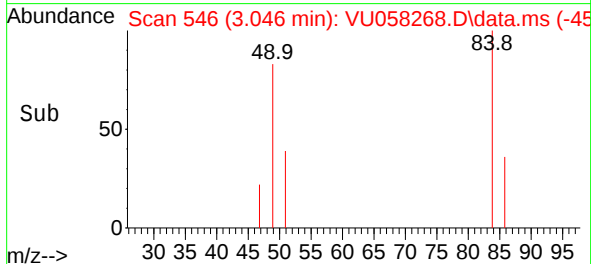
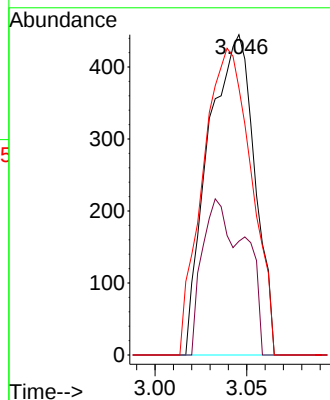
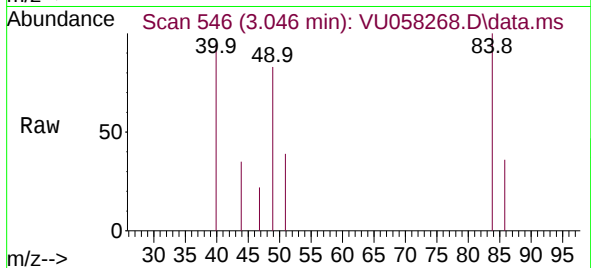
RT: 3.046 min Scan# 546

Delta R.T. 0.010 min

Lab File: VU058268.D

Acq: 29 Mar 2024 14:42

Tgt Ion: 84	Resp:	782
Ion Ratio	Lower	Upper
84	100	
86	35.5	45.6 84.6#
49	83.4	88.3 163.9#



#22

cis-1,2-Dichloroethene

Concen: 0.386 ug/L

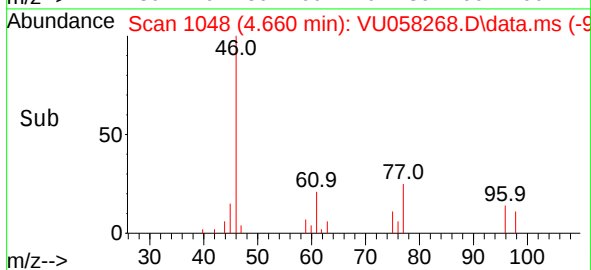
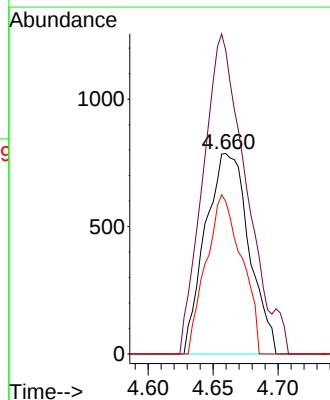
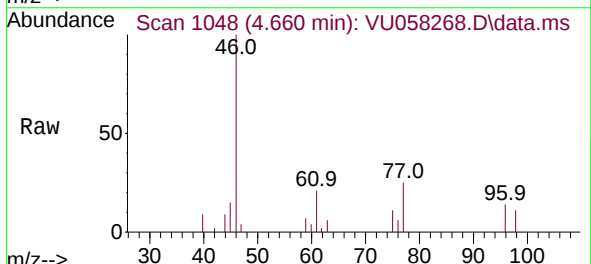
RT: 4.660 min Scan# 1048

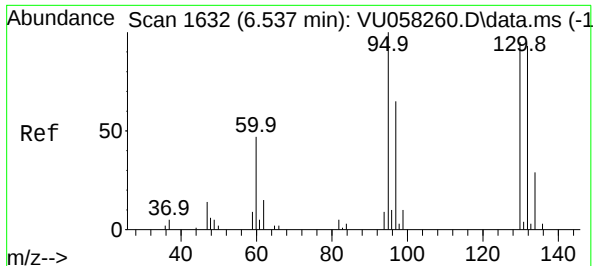
Delta R.T. 0.003 min

Lab File: VU058268.D

Acq: 29 Mar 2024 14:42

Tgt Ion: 96	Resp:	1841
Ion Ratio	Lower	Upper
96	100	
61	151.2	92.8 172.4
98	76.0	43.2 80.2





#34

Trichloroethene

Concen: 6.560 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU058268.D

Acq: 29 Mar 2024 14:42

Tgt Ion: 95 Resp: 31893

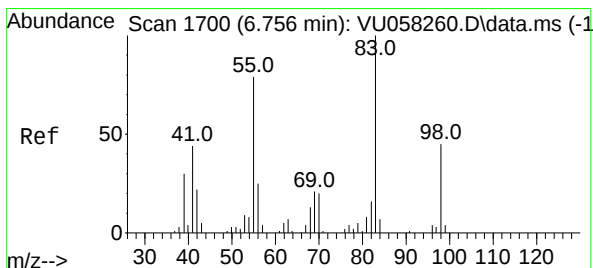
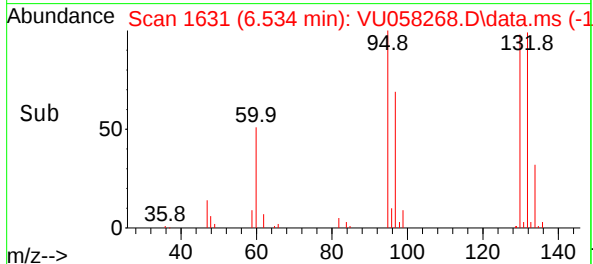
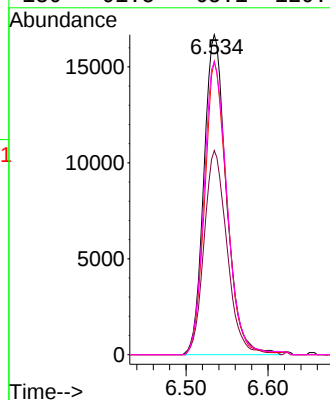
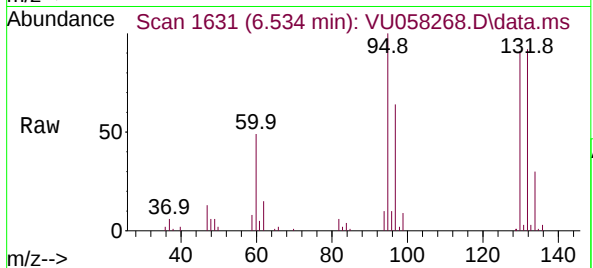
Ion Ratio Lower Upper

95 100

97 63.8 47.7 88.7

132 91.7 63.6 118.2

130 91.5 65.1 120.9



#35

Methylcyclohexane

Concen: 0.969 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.077 min

Lab File: VU058268.D

Acq: 29 Mar 2024 14:42

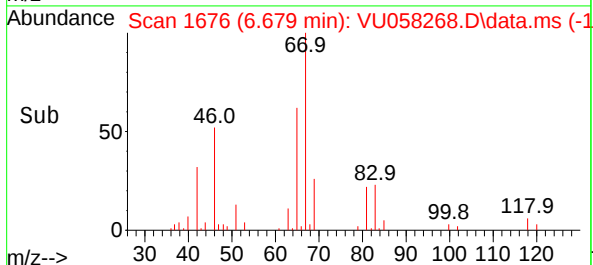
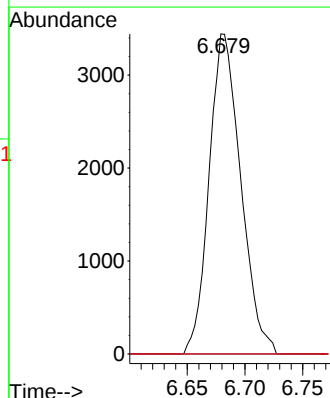
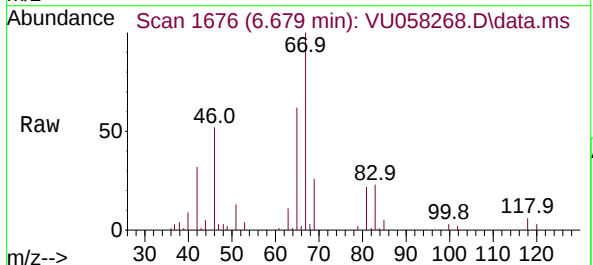
Tgt Ion: 83 Resp: 6569

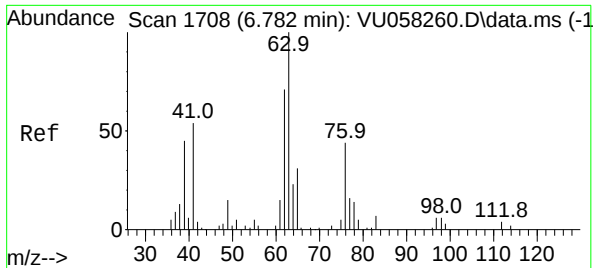
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

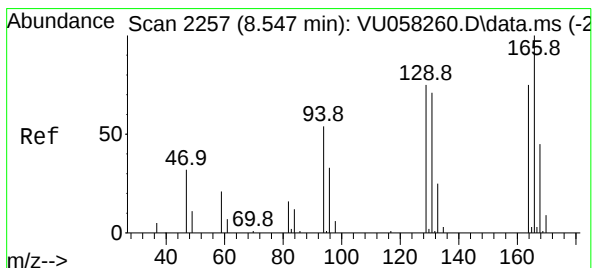
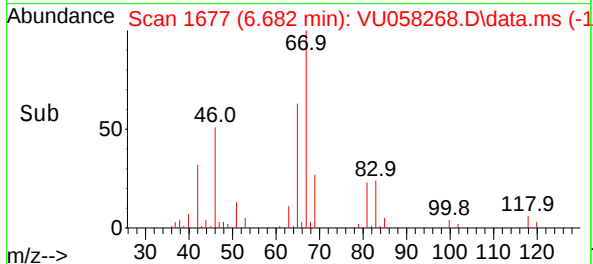
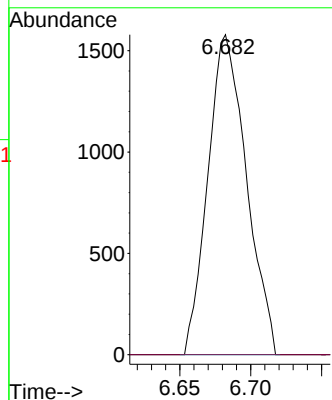
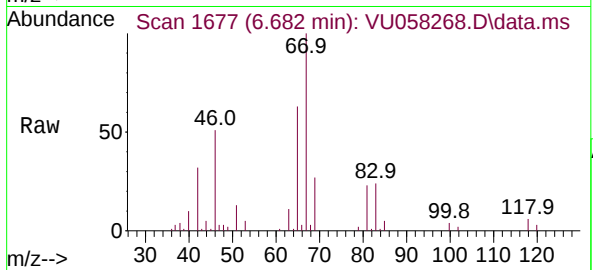
98 0.0 37.3 55.9#





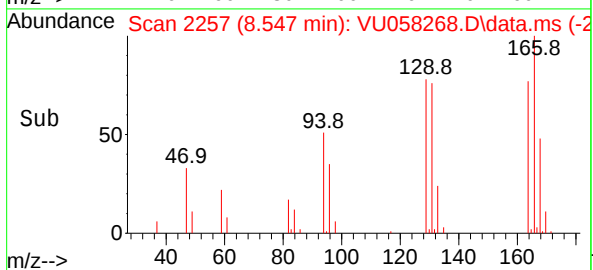
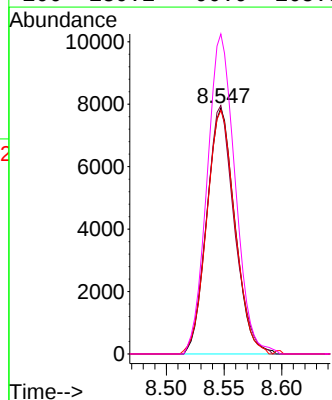
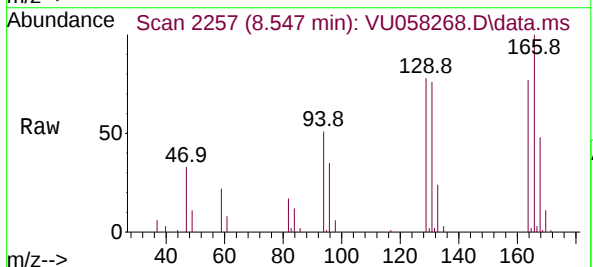
#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.099 min
Lab File: VU058268.D
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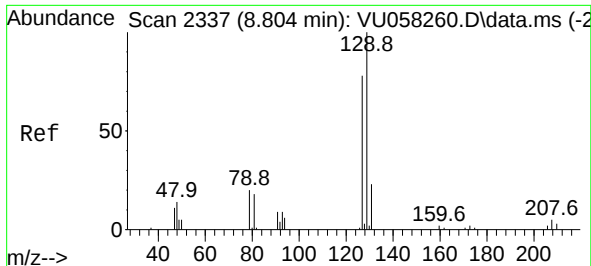
Tgt Ion: 63 Resp: 2991
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 4.081 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058268.D
Acq: 29 Mar 2024 14:42

Tgt Ion:164 Resp: 13290
Ion Ratio Lower Upper
164 100
129 101.0 71.3 132.3
131 99.0 70.8 131.4
166 130.1 90.9 168.9





#49

Dibromochloromethane

Concen: 3.706 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058268.D

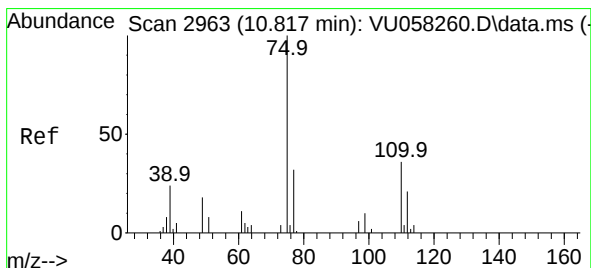
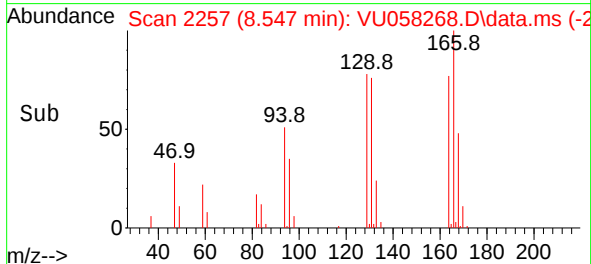
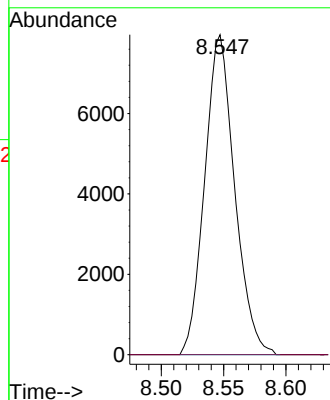
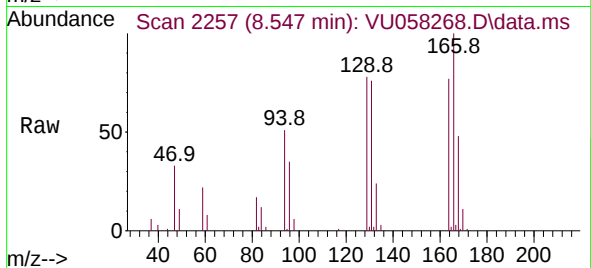
Acq: 29 Mar 2024 14:42

Tgt Ion:129 Resp: 13314

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.581 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058268.D

Acq: 29 Mar 2024 14:42

Tgt Ion: 75 Resp: 4132

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 31.8 25.1 37.7

