

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058271.D
 Acq On : 29 Mar 2024 15:51
 Operator : MD/SY
 Sample : P1902-09DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 29 23:43:28 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

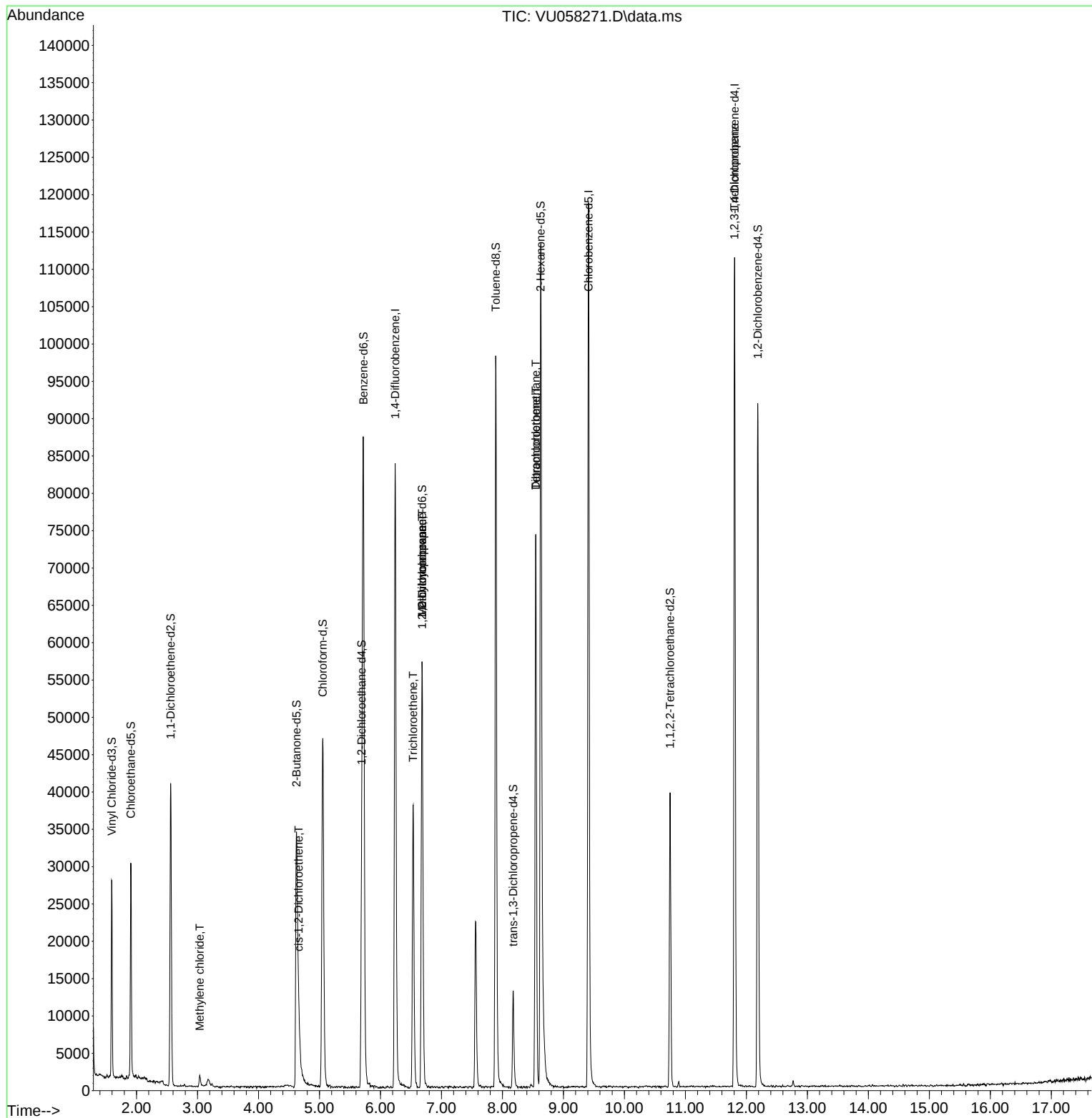
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

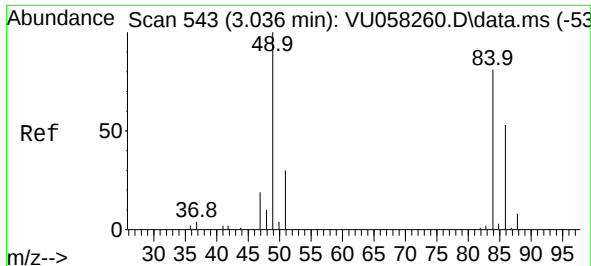
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67762	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29197	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18481	3.227	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.907	69	19348	4.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.560	65	8092	3.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.624	46	55941	54.989	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.980%
24) Chloroform-d	5.052	84	43865	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.692	65	22449	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	83091	3.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.682	67	27149	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.891	98	65981	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.177	79	7921	3.917	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.627	63	40326	49.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20320	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	24397	4.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	699	0.145	ug/L #	65
22) cis-1,2-Dichloroethene	4.660	96	1376	0.314	ug/L	99
34) Trichloroethene	6.534	95	12746	2.825	ug/L	98
35) Methylcyclohexane	6.682	83	5962	0.948	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3088	0.638	ug/L #	90
47) Tetrachloroethene	8.547	164	15693	5.193	ug/L	96
49) Dibromochloromethane	8.547	129	15352	4.605	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	4029	1.648	ug/L #	67

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

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#16

Methylene chloride

Concen: 0.145 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

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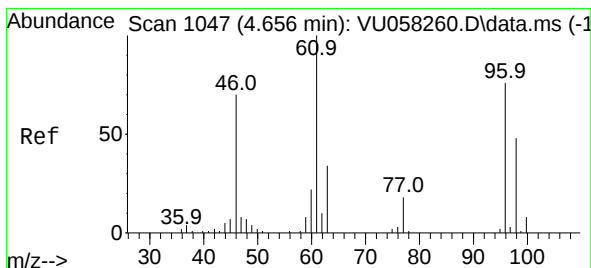
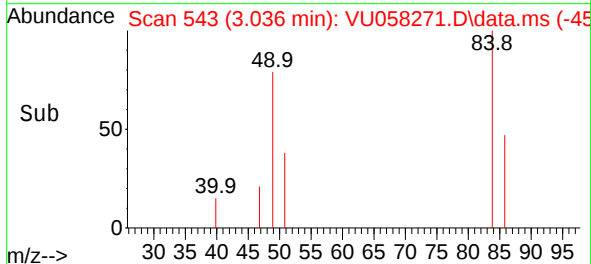
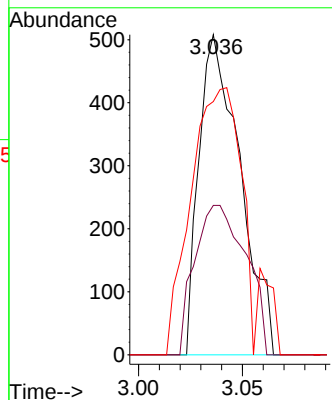
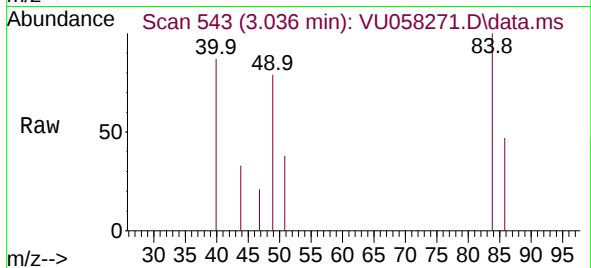
Tgt Ion: 84 Resp: 699

Ion Ratio Lower Upper

84 100

86 46.7 45.6 84.6

49 79.1 88.3 163.9#



#22

cis-1,2-Dichloroethene

Concen: 0.314 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU058271.D

Acq: 29 Mar 2024 15:51

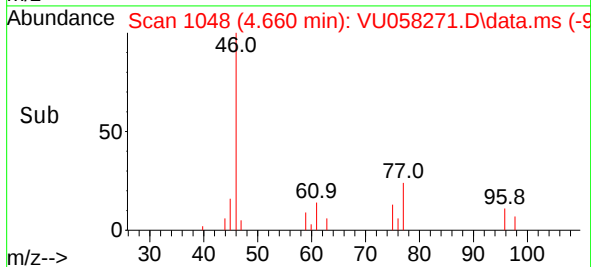
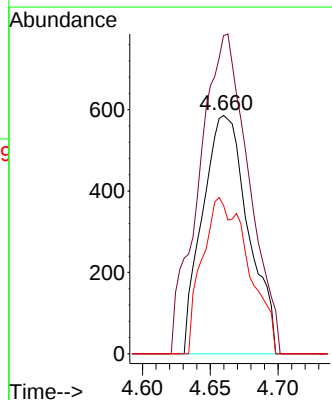
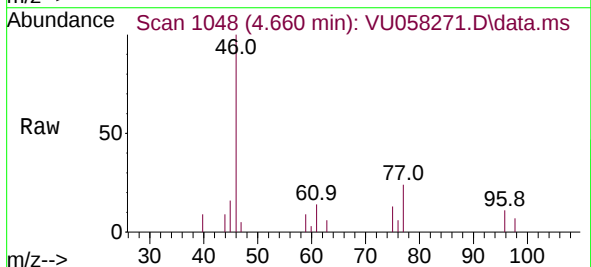
Tgt Ion: 96 Resp: 1376

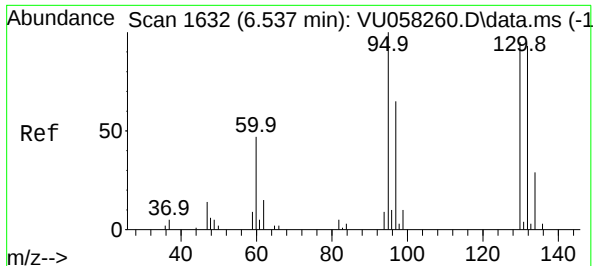
Ion Ratio Lower Upper

96 100

61 133.4 92.8 172.4

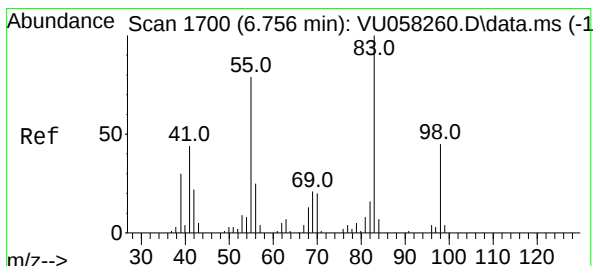
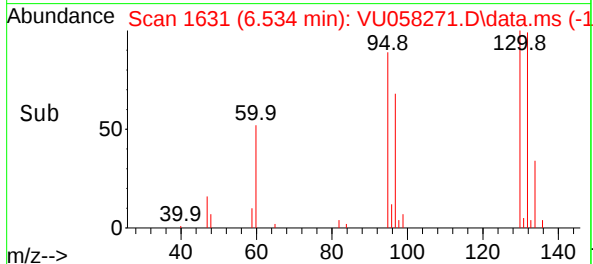
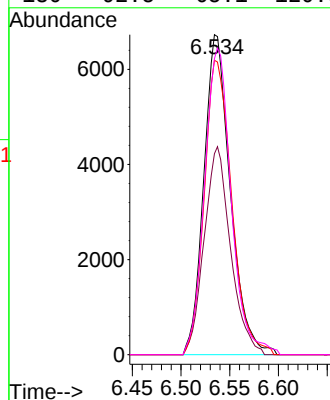
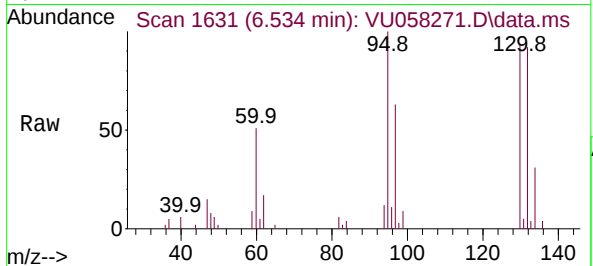
98 62.3 43.2 80.2





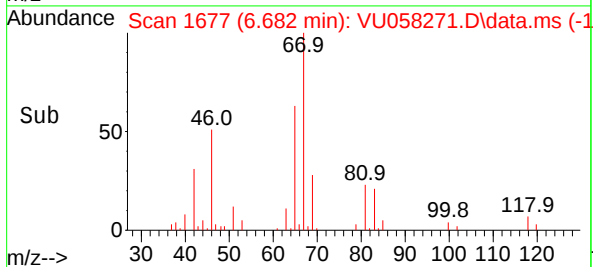
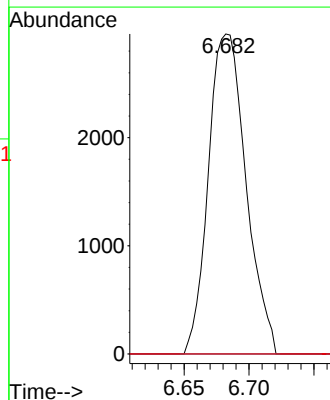
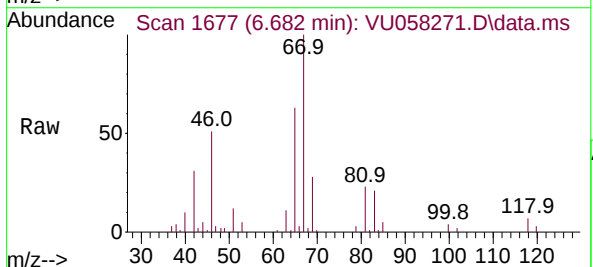
#34
Trichloroethene
Concen: 2.825 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058271.D
Acq: 29 Mar 2024 15:51

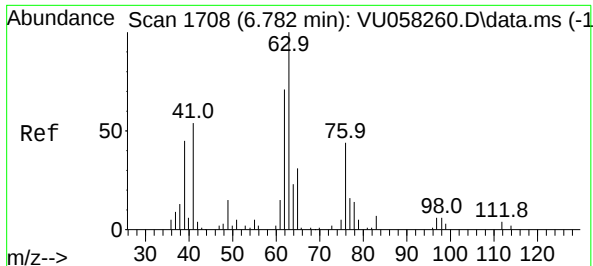
Tgt Ion	95	Resp:	12746
Ion	Ratio	Lower	Upper
95	100		
97	62.8	47.7	88.7
132	92.0	63.6	118.2
130	92.5	65.1	120.9



#35
Methylcyclohexane
Concen: 0.948 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058271.D
Acq: 29 Mar 2024 15:51

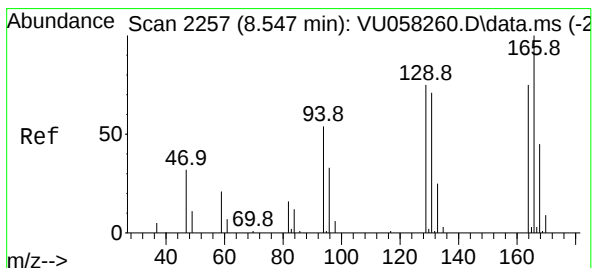
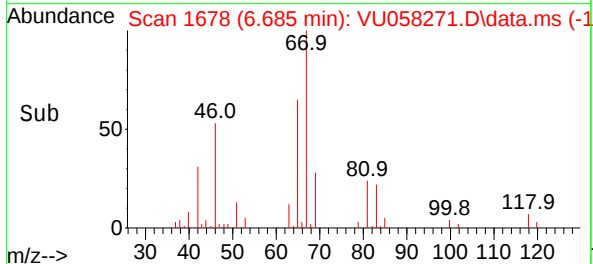
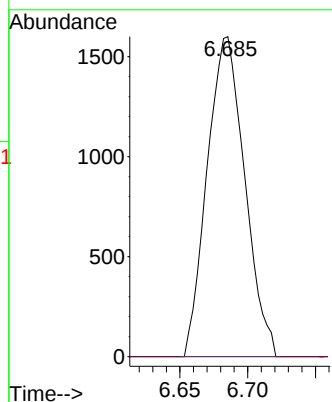
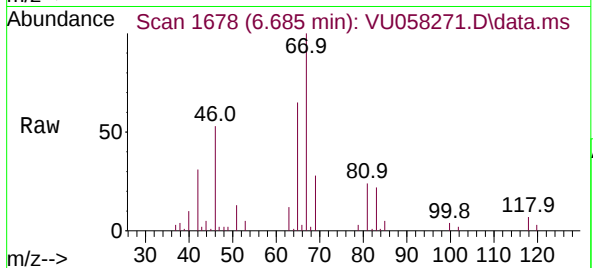
Tgt Ion	83	Resp:	5962
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.0	37.3	55.9#





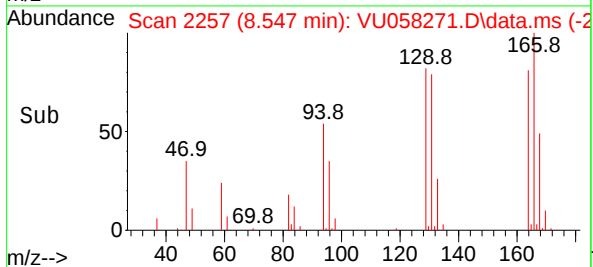
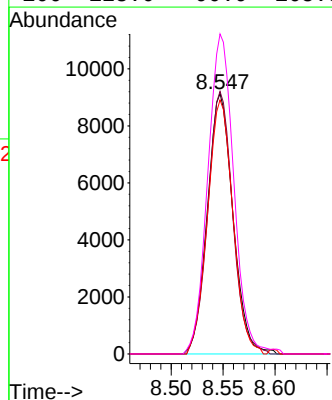
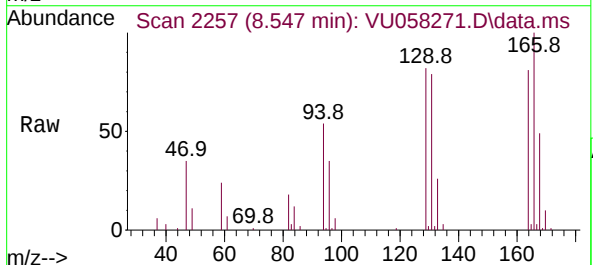
#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU058271.D
Acq: 29 Mar 2024 15:51

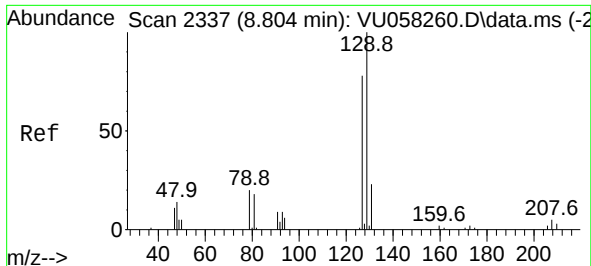
Tgt Ion: 63 Resp: 3088
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 5.193 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058271.D
Acq: 29 Mar 2024 15:51

Tgt Ion: 164 Resp: 15693
Ion Ratio Lower Upper
164 100
129 100.9 71.3 132.3
131 97.6 70.8 131.4
166 123.0 90.9 168.9





#49

Dibromochloromethane

Concen: 4.605 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058271.D

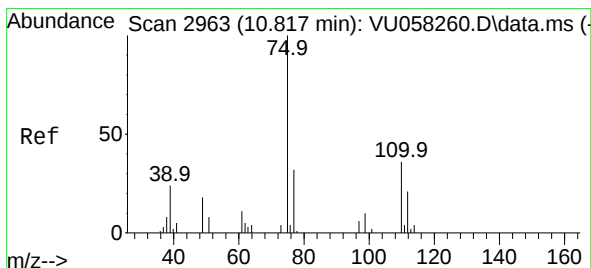
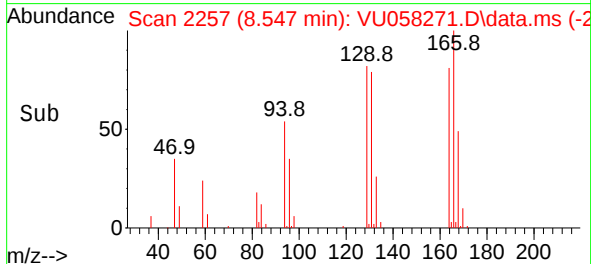
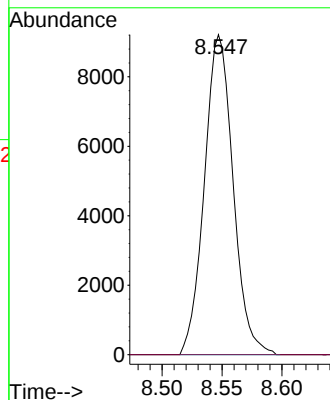
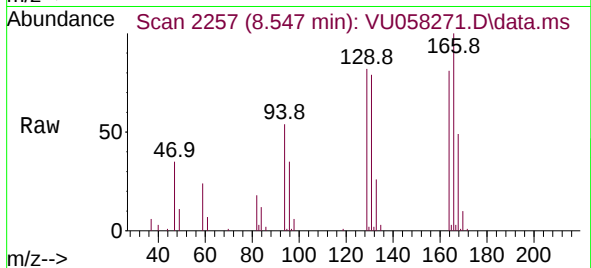
Acq: 29 Mar 2024 15:51

Tgt Ion:129 Resp: 15352

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.648 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058271.D

Acq: 29 Mar 2024 15:51

Tgt Ion: 75 Resp: 4029

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.4 25.1 37.7

