

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058272.D
 Acq On : 29 Mar 2024 16:15
 Operator : MD/SY
 Sample : P1902-10DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 29 23:43:41 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

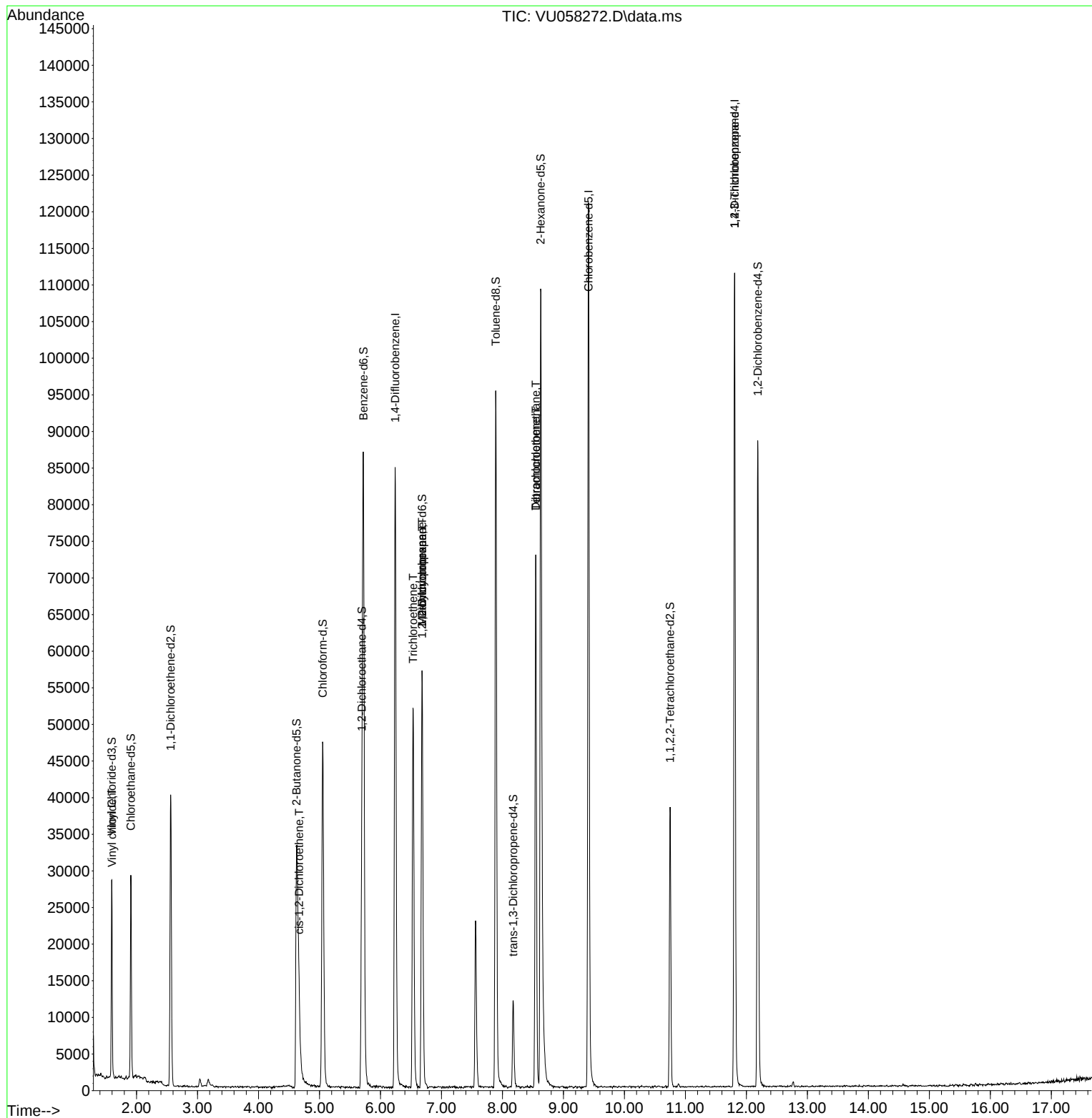
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

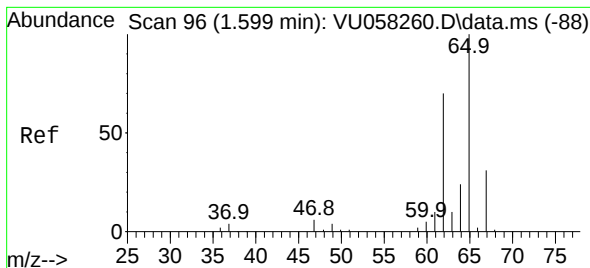
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67540	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17952	3.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.907	69	18753	3.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.560	65	7609	3.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	4.624	46	55220	52.593	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.180%
24) Chloroform-d	5.052	84	44054	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.695	65	22490	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.721	84	83077	3.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.682	67	27497	4.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.891	98	65406	3.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	8.177	79	7944	3.835	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.627	63	39772	47.407	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20072	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	23547	4.254	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	786	0.196	ug/L #	49
22) cis-1,2-Dichloroethene	4.666	96	3945	0.871	ug/L	97
34) Trichloroethene	6.534	95	18174	3.932	ug/L	97
35) Methylcyclohexane	6.682	83	6226	0.966	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2928	0.591	ug/L #	90
47) Tetrachloroethene	8.547	164	15115	4.883	ug/L	97
49) Dibromochloromethane	8.547	129	14605	4.276	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3722	1.495	ug/L #	66

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

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#5

Vinyl chloride

Concen: 0.196 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058272.D

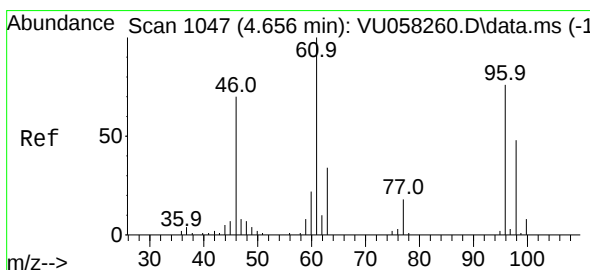
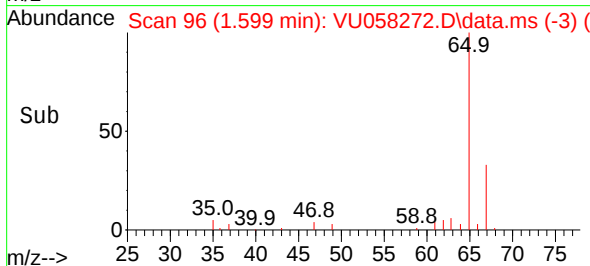
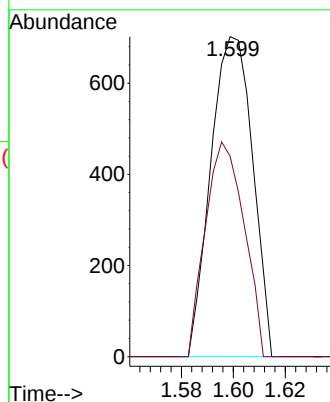
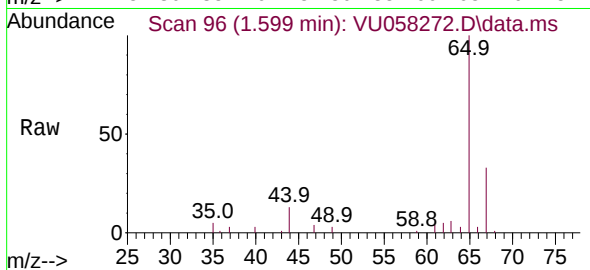
Acq: 29 Mar 2024 16:15

Tgt Ion: 62 Resp: 786

Ion Ratio Lower Upper

62 100

64 62.7 23.4 43.6#



#22

cis-1,2-Dichloroethene

Concen: 0.871 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU058272.D

Acq: 29 Mar 2024 16:15

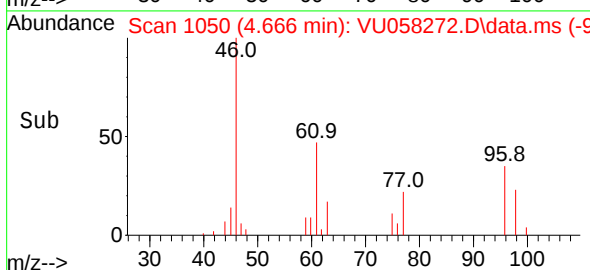
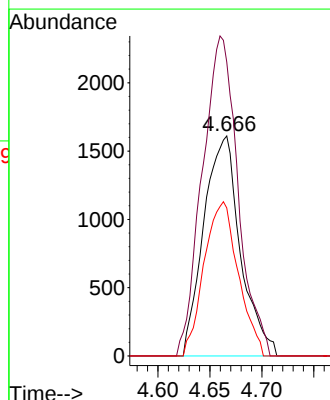
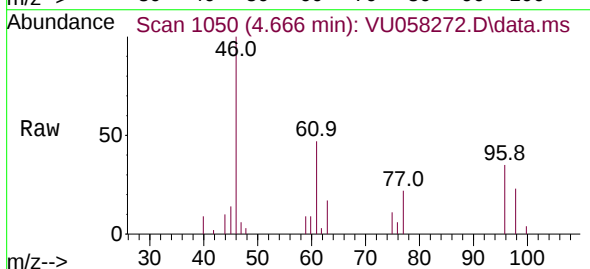
Tgt Ion: 96 Resp: 3945

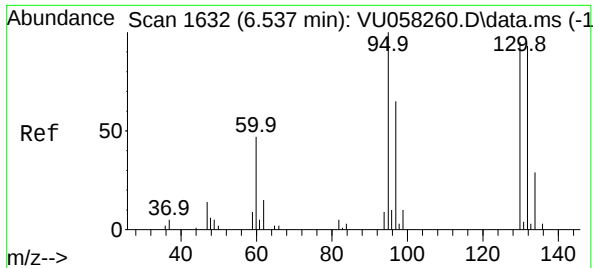
Ion Ratio Lower Upper

96 100

61 133.6 92.8 172.4

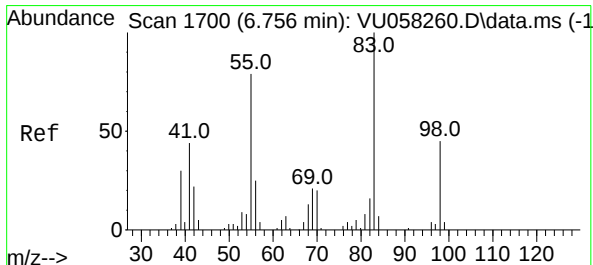
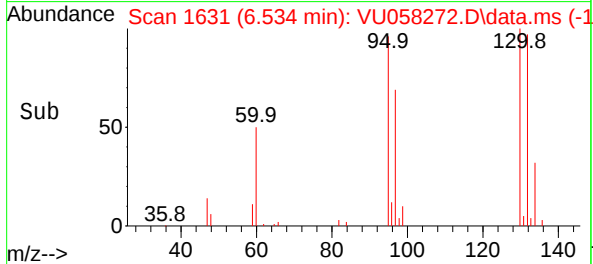
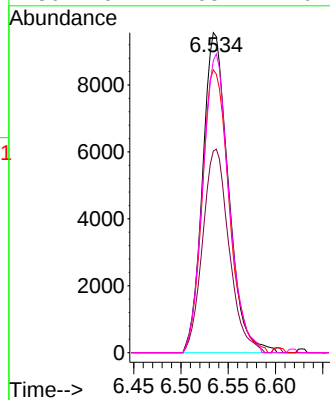
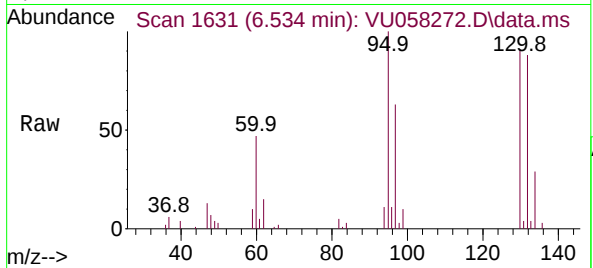
98 67.3 43.2 80.2





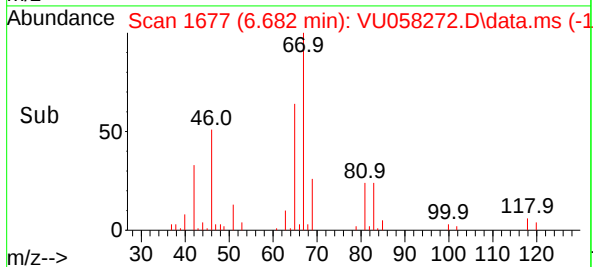
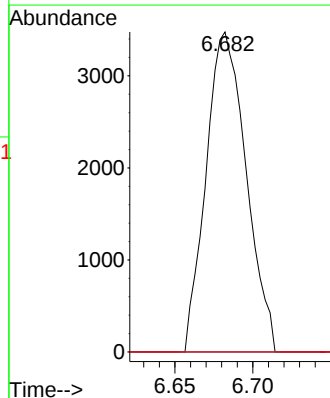
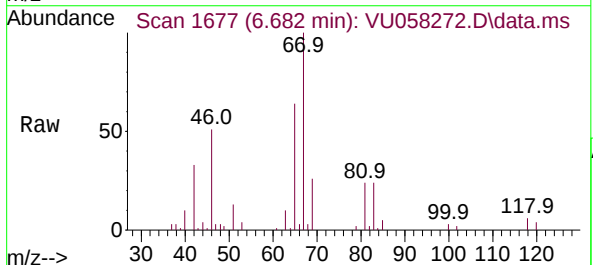
#34
Trichloroethene
Concen: 3.932 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058272.D
Acq: 29 Mar 2024 16:15

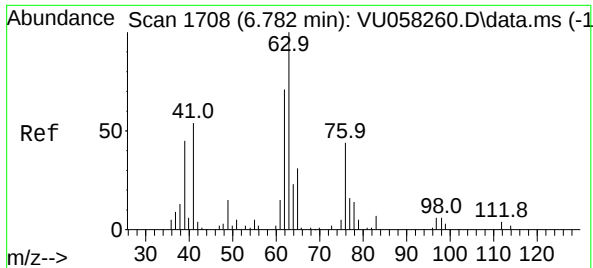
Tgt Ion	95	Resp:	18174
Ion	Ratio	Lower	Upper
95	100		
97	63.0	47.7	88.7
132	88.4	63.6	118.2
130	91.4	65.1	120.9



#35
Methylcyclohexane
Concen: 0.966 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058272.D
Acq: 29 Mar 2024 16:15

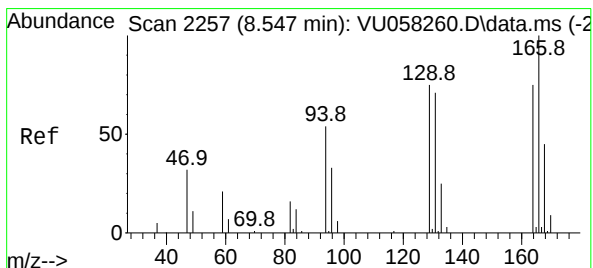
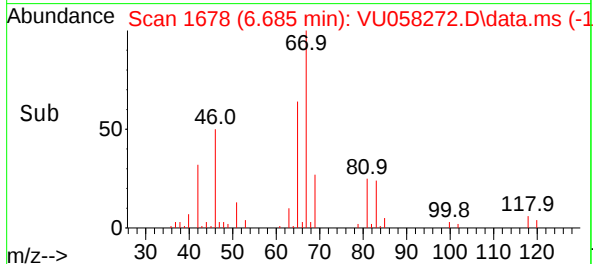
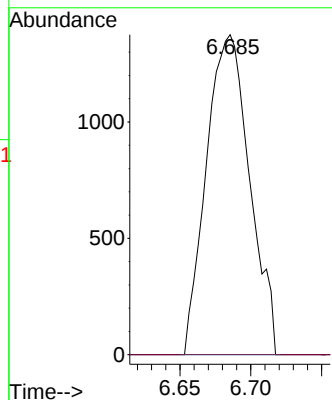
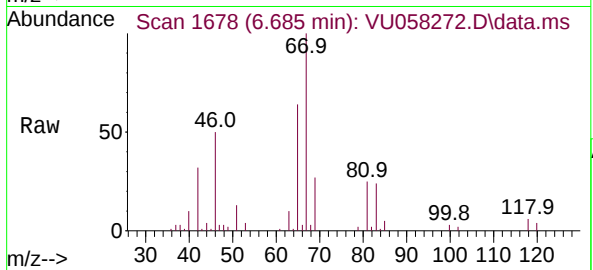
Tgt Ion	83	Resp:	6226
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.0	37.3	55.9#





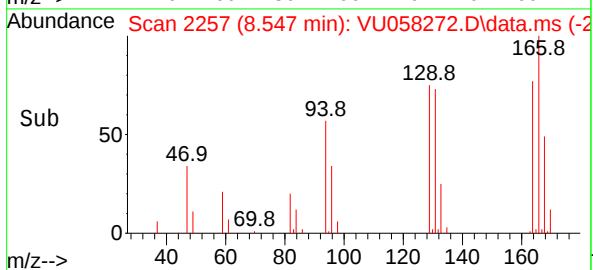
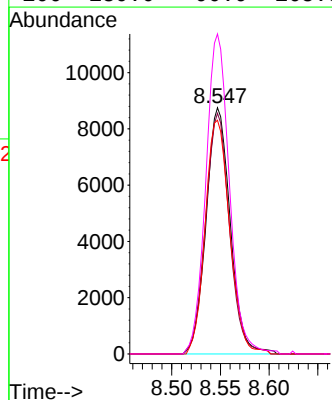
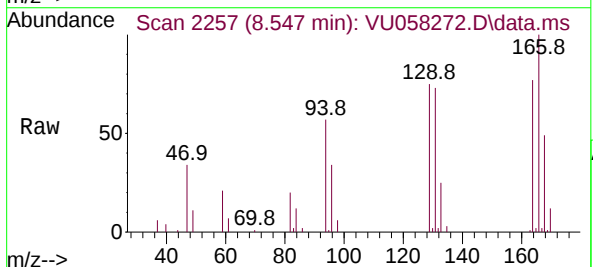
#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU058272.D
Acq: 29 Mar 2024 16:15

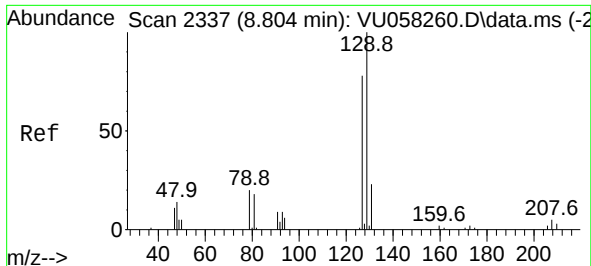
Tgt Ion: 63 Resp: 2928
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 4.883 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058272.D
Acq: 29 Mar 2024 16:15

Tgt Ion: 164 Resp: 15115
Ion Ratio Lower Upper
164 100
129 97.8 71.3 132.3
131 94.9 70.8 131.4
166 130.0 90.9 168.9





#49

Dibromochloromethane

Concen: 4.276 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058272.D

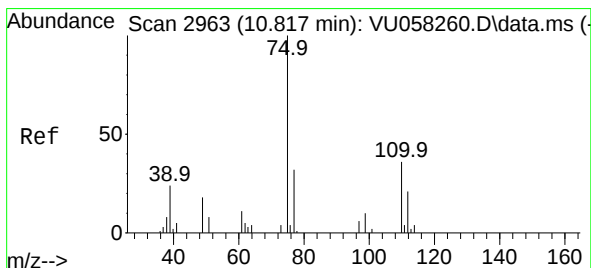
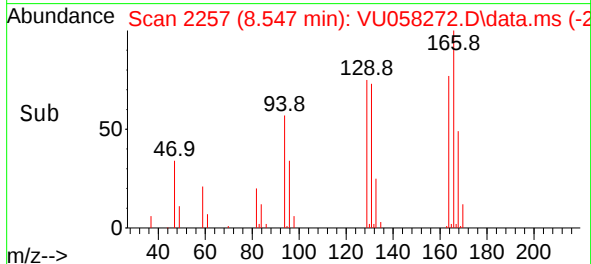
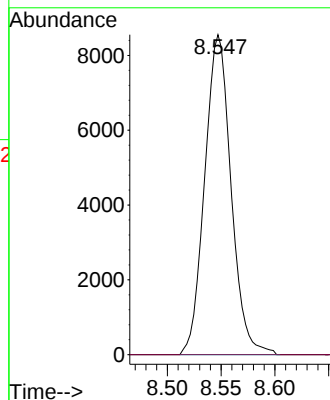
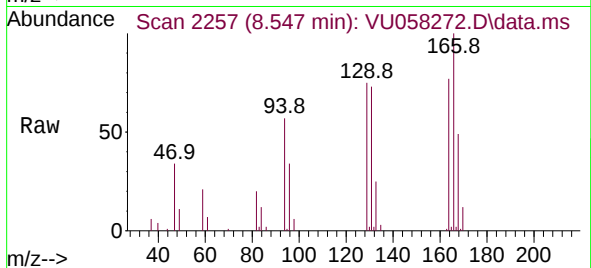
Acq: 29 Mar 2024 16:15

Tgt Ion:129 Resp: 14605

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.495 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058272.D

Acq: 29 Mar 2024 16:15

Tgt Ion: 75 Resp: 3722

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 33.5 25.1 37.7

