

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058336.D
 Acq On : 02 Apr 2024 13:53
 Operator : MD/SY
 Sample : P1929-03DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:03:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

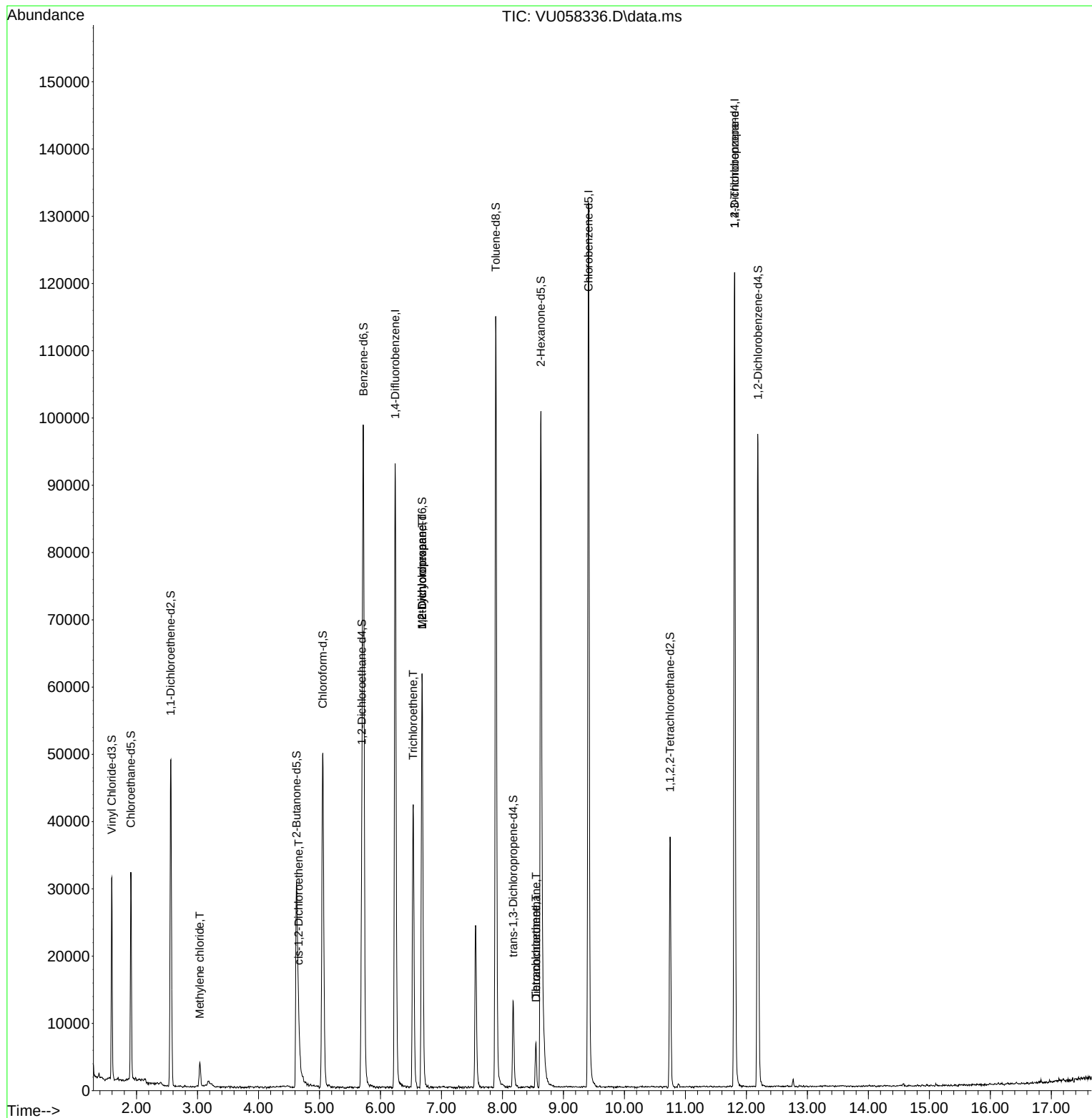
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21227	3.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.907	69	21201	4.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.560	65	9519	3.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.624	46	49313	43.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.940%
24) Chloroform-d	5.055	84	47433	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.695	65	22676	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.721	84	94335	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.682	67	30178	4.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.891	98	79618	3.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	8457	3.702	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.630	63	36262	39.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.400%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19534	4.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	25451	4.309	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	1684	0.314	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	1407	0.288	ug/L	89
34) Trichloroethene	6.537	95	15004	2.944	ug/L	99
35) Methylcyclohexane	6.682	83	6668	0.938	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3117	0.570	ug/L #	90
47) Tetrachloroethene	8.550	164	1701	0.498	ug/L	80
49) Dibromochloromethane	8.553	129	1461	0.388	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4703	1.771	ug/L #	68

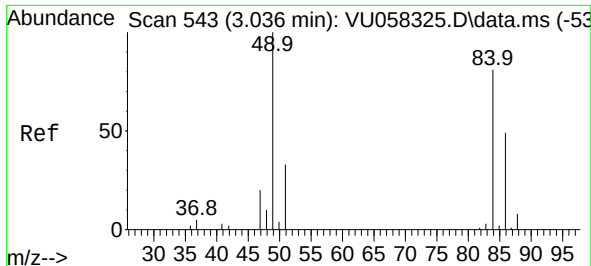
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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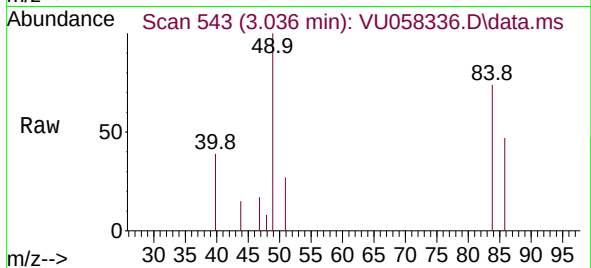
Quant Time: Apr 03 02:03:16 2024
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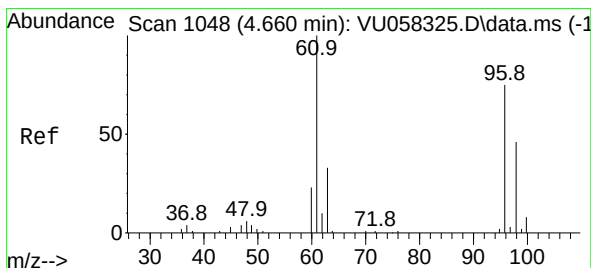
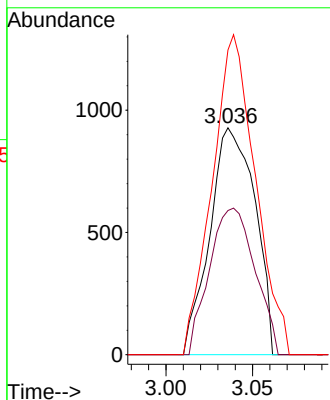
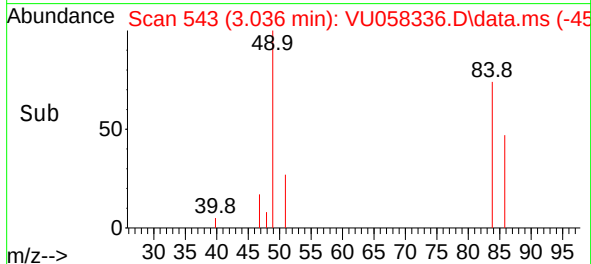


#16
Methylene chloride
Concen: 0.314 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU058336.D
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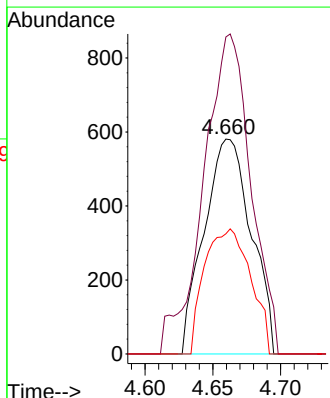
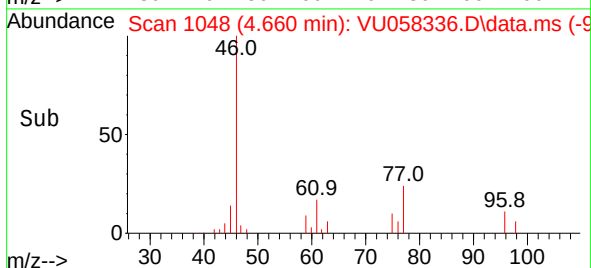
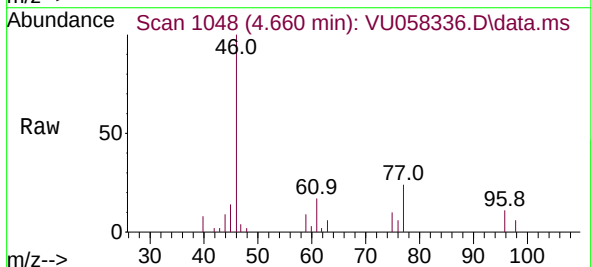


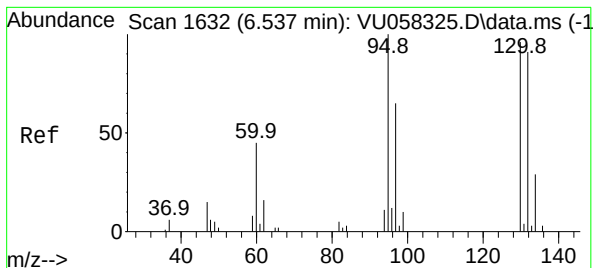
Tgt Ion: 84 Resp: 1684
Ion Ratio Lower Upper
84 100
86 63.6 45.6 84.6
49 134.3 88.3 163.9



#22
cis-1,2-Dichloroethene
Concen: 0.288 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU058336.D
Acq: 02 Apr 2024 13:53

Tgt Ion: 96 Resp: 1407
Ion Ratio Lower Upper
96 100
61 147.5 92.8 172.4
98 55.9 43.2 80.2





#34

Trichloroethene

Concen: 2.944 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

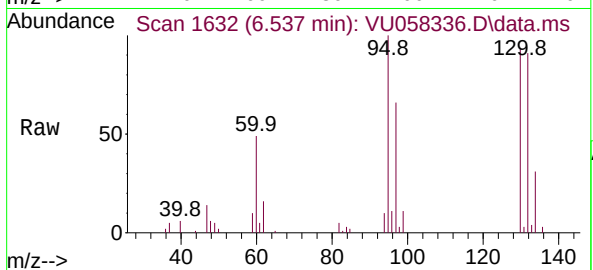
Lab File: VU058336.D

Acq: 02 Apr 2024 13:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 15004

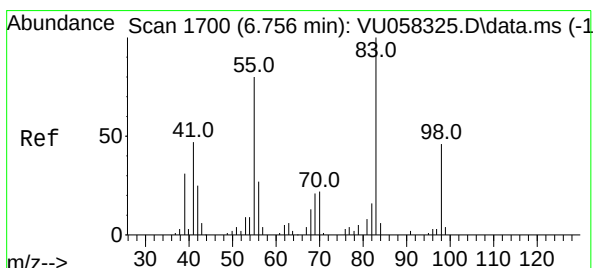
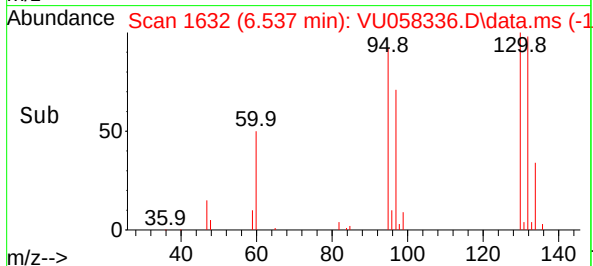
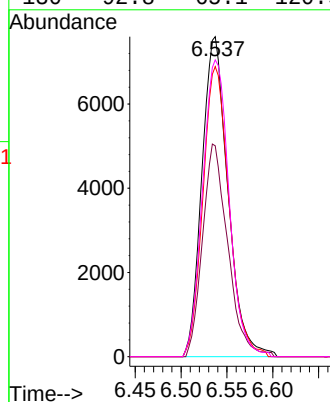
Ion Ratio Lower Upper

95 100

97 65.9 47.7 88.7

132 90.6 63.6 118.2

130 92.8 65.1 120.9



#35

Methylcyclohexane

Concen: 0.938 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058336.D

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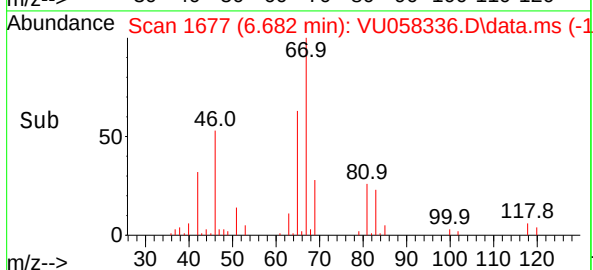
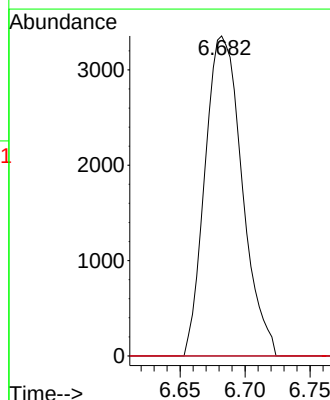
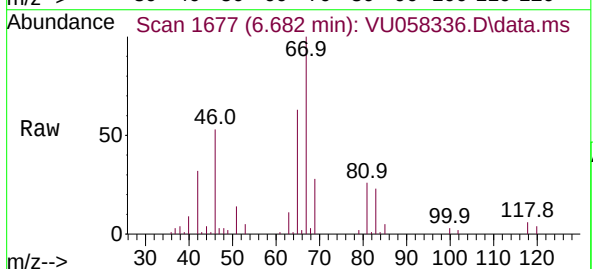
Tgt Ion: 83 Resp: 6668

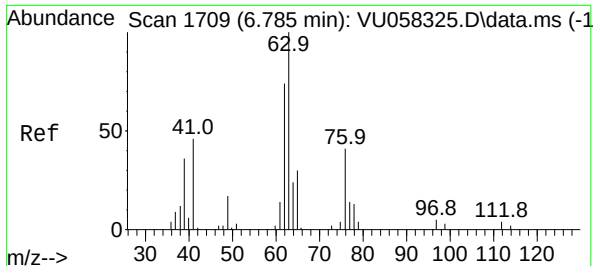
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#

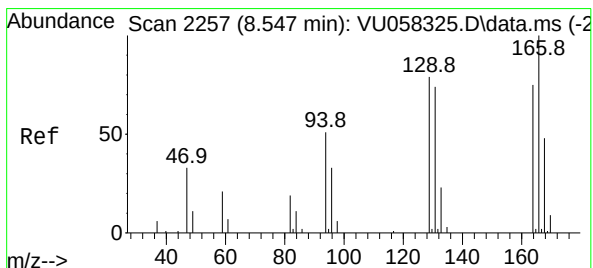
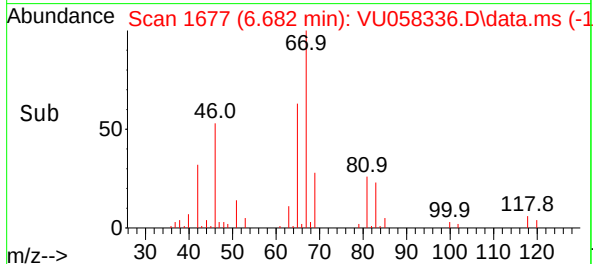
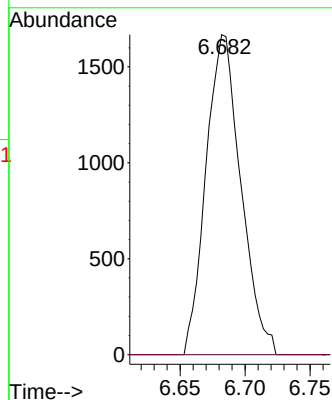
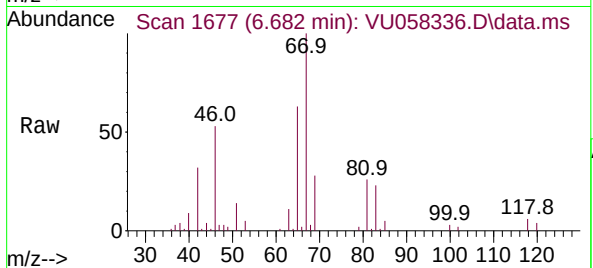




#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058336.D
Acq: 02 Apr 2024 13:53

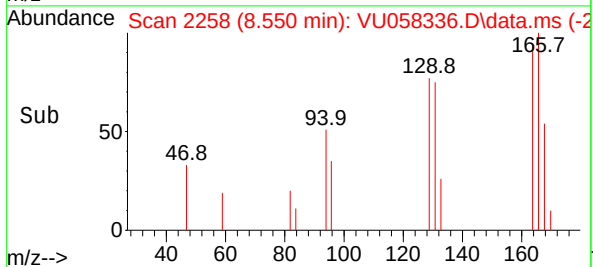
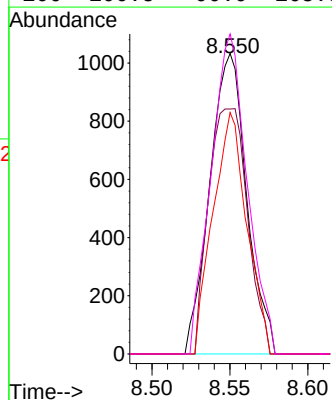
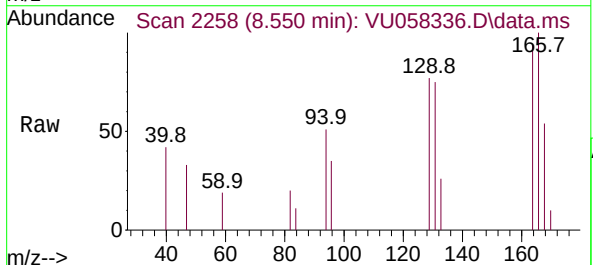
Instrument :
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ClientSampleId :

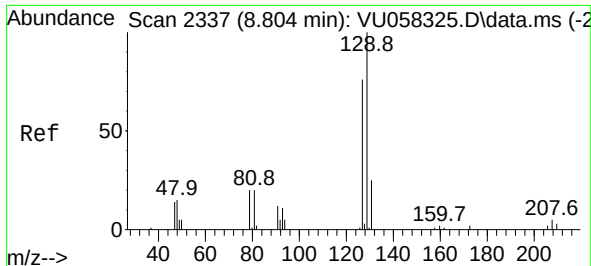
Tgt Ion: 63 Resp: 3117
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 0.498 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058336.D
Acq: 02 Apr 2024 13:53

Tgt Ion:164 Resp: 1701
Ion Ratio Lower Upper
164 100
129 81.5 71.3 132.3
131 80.3 70.8 131.4
166 106.5 90.9 168.9





#49

Dibromochloromethane

Concen: 0.388 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU058336.D

Acq: 02 Apr 2024 13:53

Instrument :

MSVOA_U

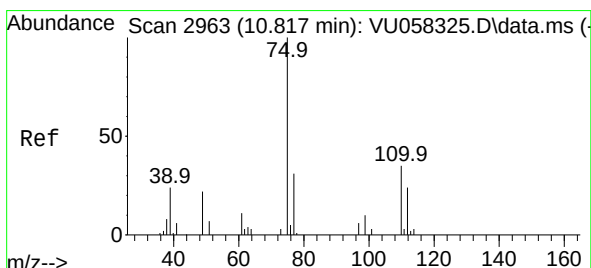
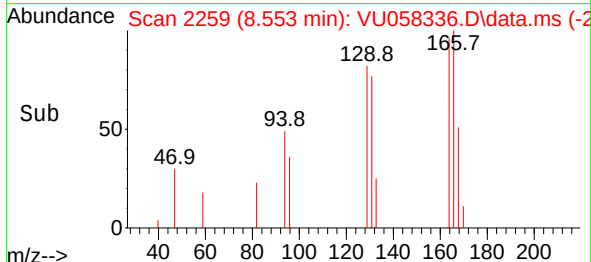
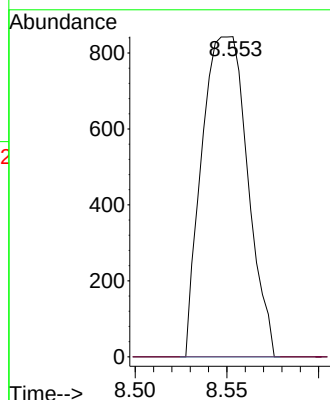
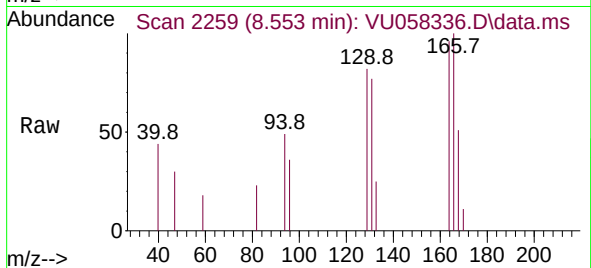
ClientSampleId :

Tgt Ion:129 Resp: 1461

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.771 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058336.D

Acq: 02 Apr 2024 13:53

Tgt Ion: 75 Resp: 4703

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 31.4 25.1 37.7

