

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058332.D
 Acq On : 02 Apr 2024 12:20
 Operator : MD/SY
 Sample : P1912-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:02:20 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

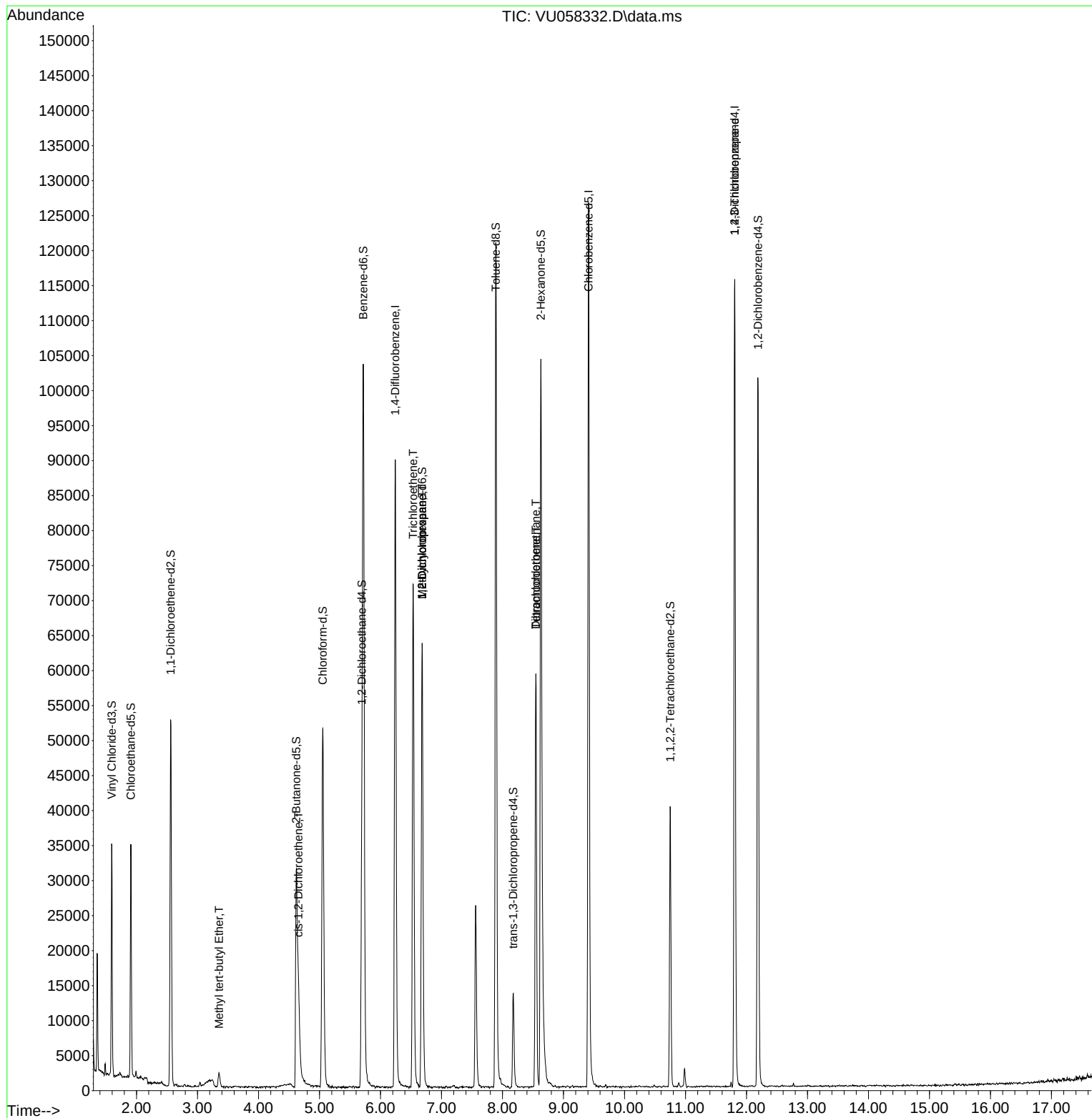
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72636	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70465	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30657	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23205	3.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.907	69	22484	4.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	10181	3.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.621	46	51071	46.833	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.660%
24) Chloroform-d	5.052	84	49062	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	23818	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.718	84	97666	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.682	67	30926	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	82402	4.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	8745	4.046	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.627	63	38612	44.114	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19913	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	26674	4.672	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.354	73	2365	0.242	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	3707	0.788	ug/L	95
34) Trichloroethene	6.534	95	25552	5.299	ug/L	94
35) Methylcyclohexane	6.682	83	6831	1.016	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3253	0.629	ug/L #	90
47) Tetrachloroethene	8.547	164	12506	3.872	ug/L	96
49) Dibromochloromethane	8.547	129	13010	3.651	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4131	1.609	ug/L #	67

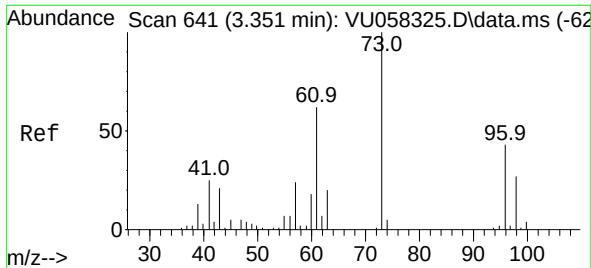
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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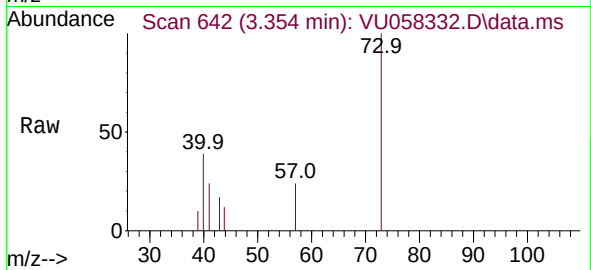
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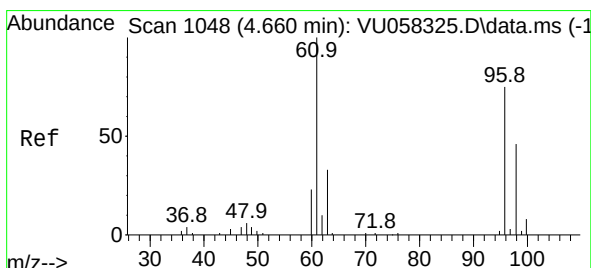
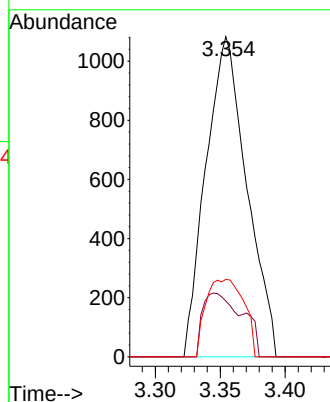
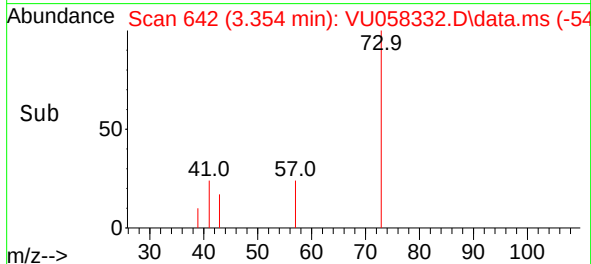


#17
Methyl tert-butyl Ether
Concen: 0.242 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058332.D
Acq: 02 Apr 2024 12:20

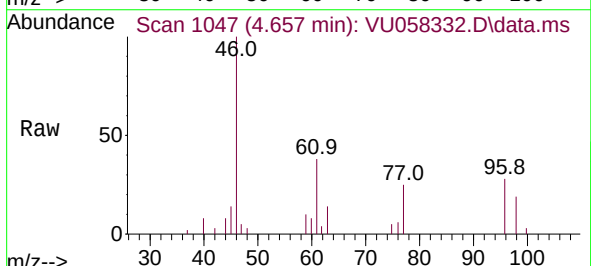
Instrument :
MSVOA_U
ClientSampleId :



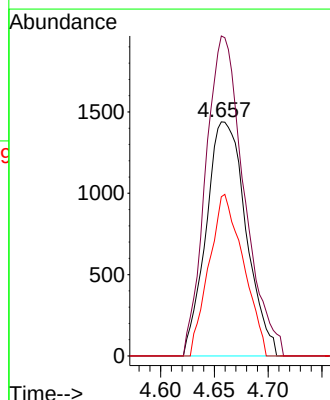
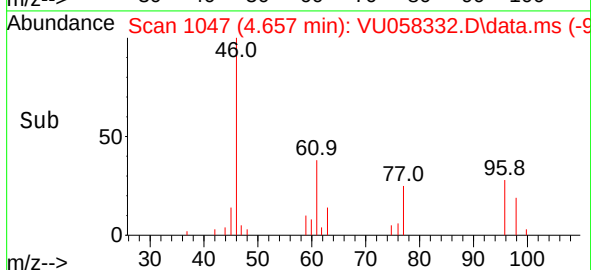
Tgt Ion: 73 Resp: 2365
Ion Ratio Lower Upper
73 100
43 19.4 15.5 23.3
57 22.5 18.0 27.0

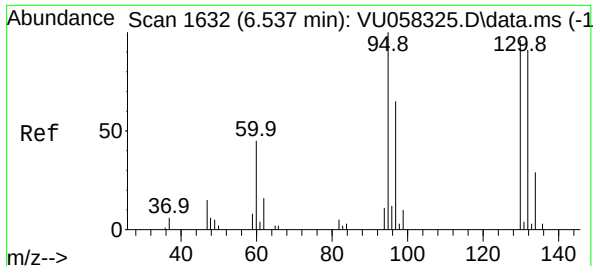


#22
cis-1,2-Dichloroethene
Concen: 0.788 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU058332.D
Acq: 02 Apr 2024 12:20



Tgt Ion: 96 Resp: 3707
Ion Ratio Lower Upper
96 100
61 136.7 92.8 172.4
98 68.0 43.2 80.2

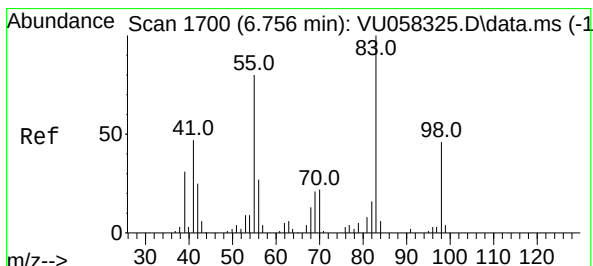
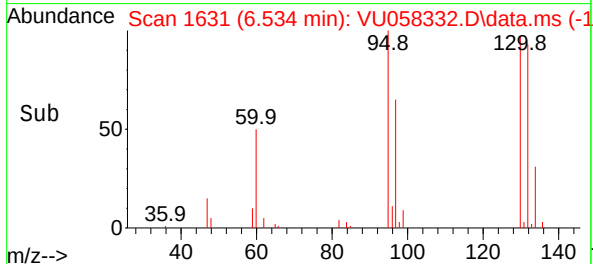
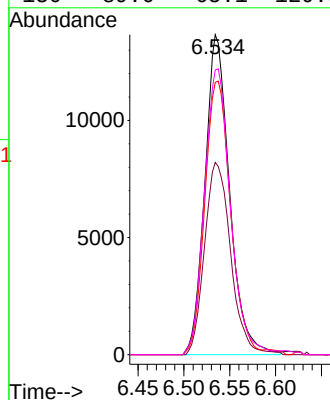
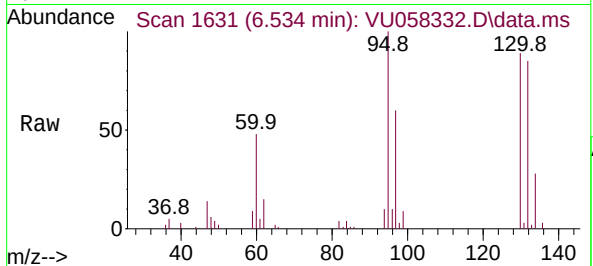




#34
Trichloroethene
Concen: 5.299 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU058332.D
Acq: 02 Apr 2024 12:20

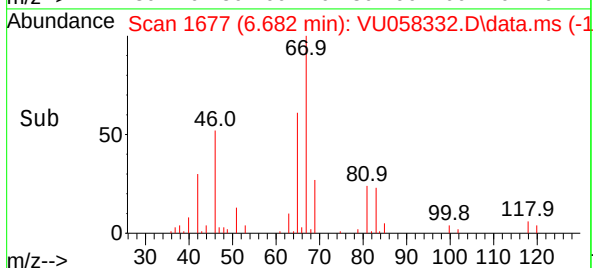
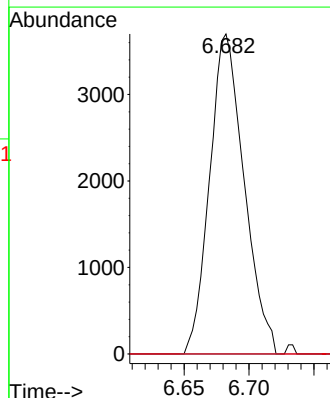
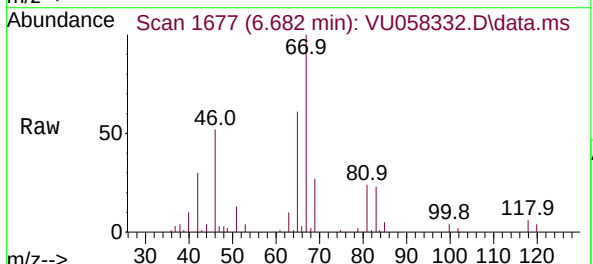
Instrument :
MSVOA_U
ClientSampleId :

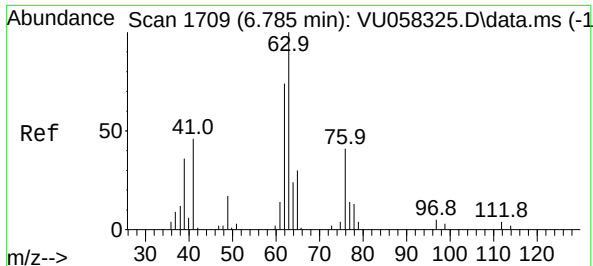
Tgt Ion: 95 Resp: 25552
Ion Ratio Lower Upper
95 100
97 60.1 47.7 88.7
132 85.1 63.6 118.2
130 89.0 65.1 120.9



#35
Methylcyclohexane
Concen: 1.016 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058332.D
Acq: 02 Apr 2024 12:20

Tgt Ion: 83 Resp: 6831
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 37.3 55.9#

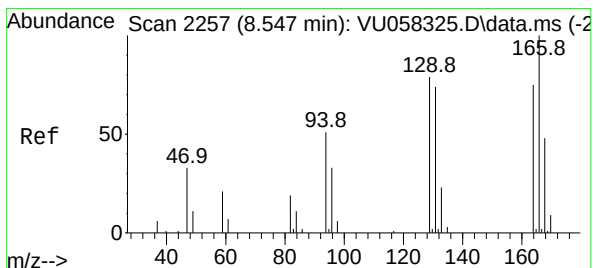
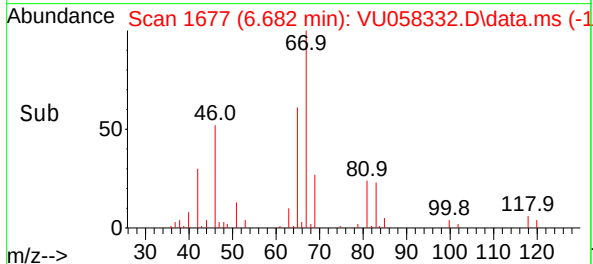
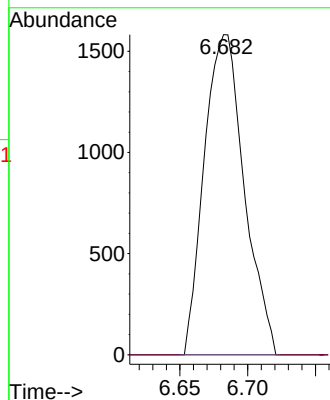
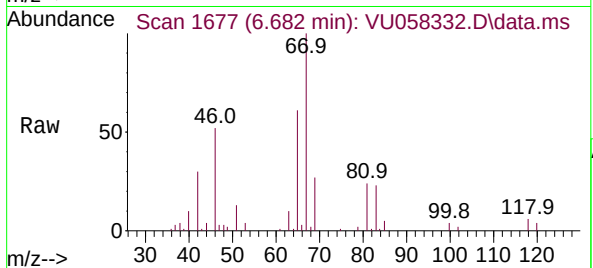




#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058332.D
Acq: 02 Apr 2024 12:20

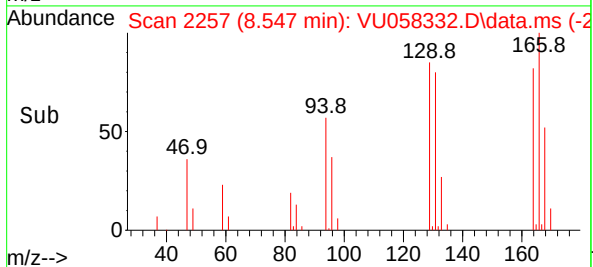
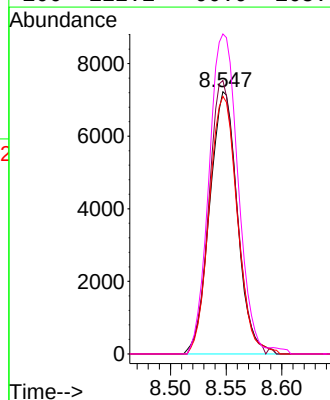
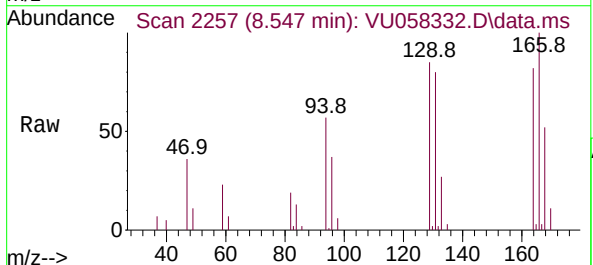
Instrument :
MSVOA_U
ClientSampleId :

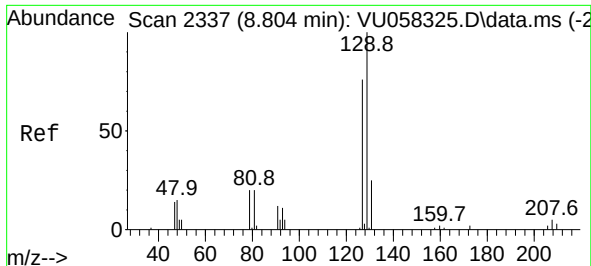
Tgt Ion: 63 Resp: 3253
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 3.872 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058332.D
Acq: 02 Apr 2024 12:20

Tgt Ion:164 Resp: 12506
Ion Ratio Lower Upper
164 100
129 104.3 71.3 132.3
131 98.2 70.8 131.4
166 122.1 90.9 168.9





#49

Dibromochloromethane

Concen: 3.651 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058332.D

Acq: 02 Apr 2024 12:20

Instrument :

MSVOA_U

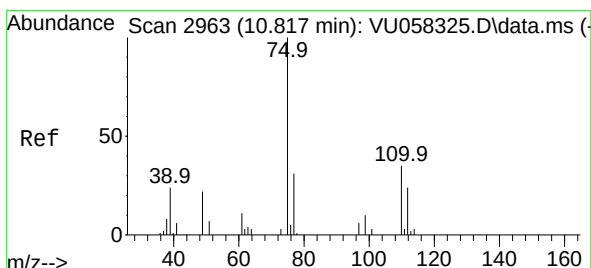
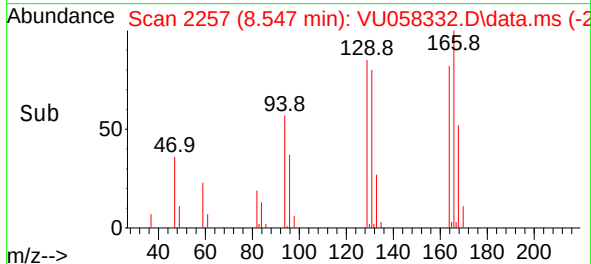
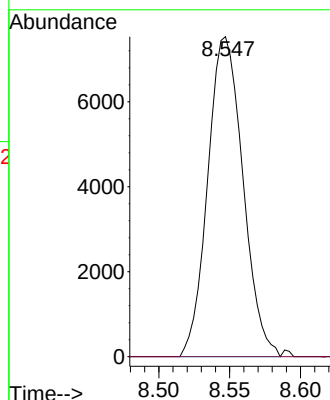
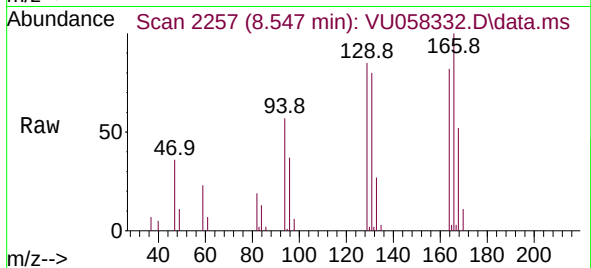
ClientSampleId :

Tgt Ion:129 Resp: 13010

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.609 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058332.D

Acq: 02 Apr 2024 12:20

Tgt Ion: 75 Resp: 4131

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.2 25.1 37.7

