

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058353.D
 Acq On : 03 Apr 2024 11:05
 Operator : MD/SY
 Sample : P1912-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 01:18:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 01:17:39 2024
 Response via : Initial Calibration

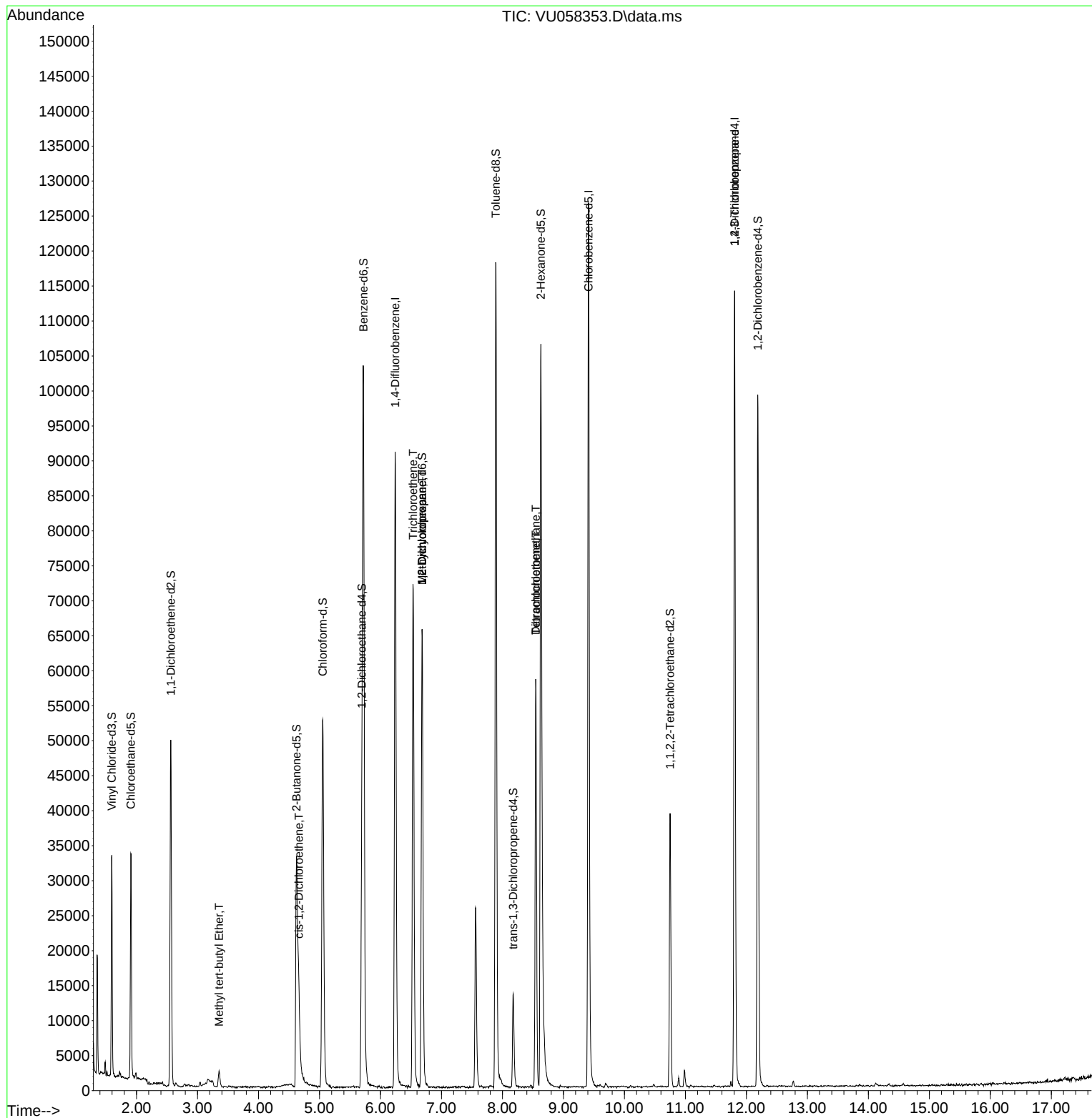
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75590	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21401	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.907	69	22031	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.563	65	10138	3.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.624	46	56290	49.602	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.200%
24) Chloroform-d	5.052	84	49814	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	24514	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.721	84	98104	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	32197	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	81847	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.177	79	9095	4.221	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.630	63	39727	45.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20815	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	26154	4.565	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
17) Methyl tert-butyl Ether	3.354	73	2493	0.245	ug/L #	90
22) cis-1,2-Dichloroethene	4.663	96	3722	0.761	ug/L	96
34) Trichloroethene	6.534	95	25906	5.389	ug/L	97
35) Methylcyclohexane	6.682	83	7404	1.104	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3301	0.640	ug/L #	90
47) Tetrachloroethene	8.547	164	12380	3.845	ug/L	96
49) Dibromochloromethane	8.547	129	12439	3.501	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4222	1.639	ug/L #	67

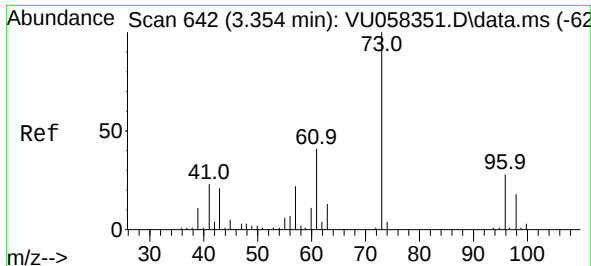
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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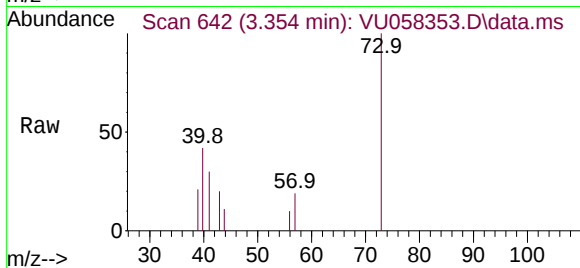
Quant Time: Apr 04 01:18:32 2024
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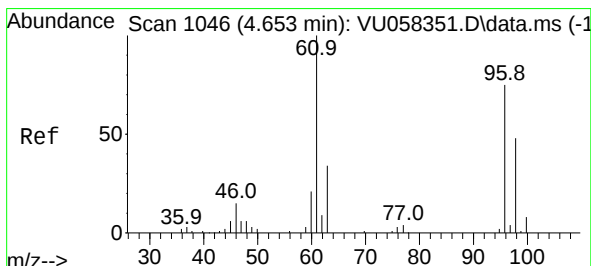
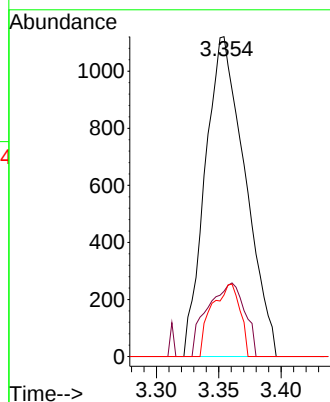
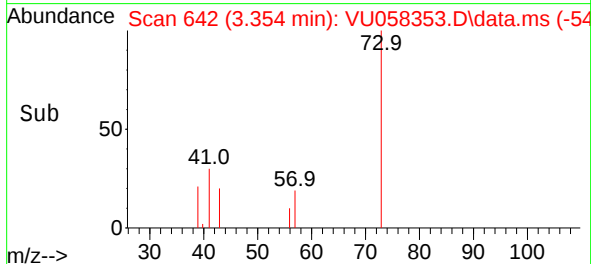


#17
Methyl tert-butyl Ether
Concen: 0.245 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058353.D
Acq: 03 Apr 2024 11:05

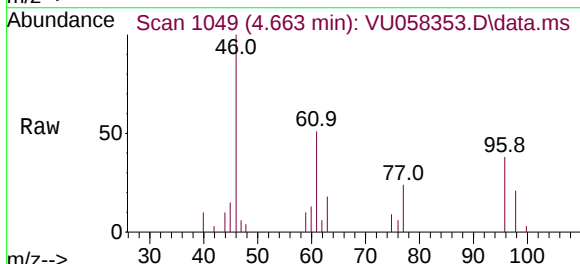
Instrument :
MSVOA_U
ClientSampleId :



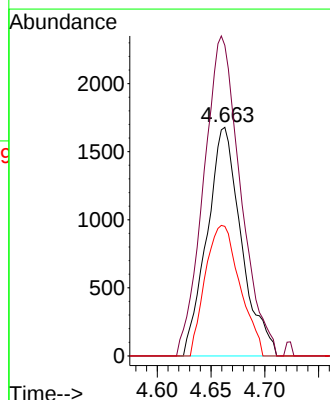
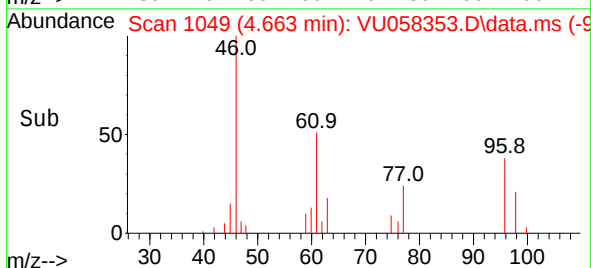
Tgt Ion: 73 Resp: 2493
Ion Ratio Lower Upper
73 100
43 21.6 15.5 23.3
57 16.0 18.0 27.0#

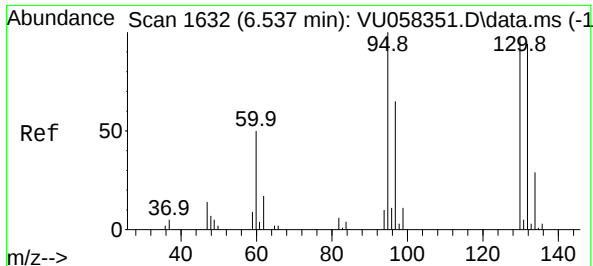


#22
cis-1,2-Dichloroethene
Concen: 0.761 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.010 min
Lab File: VU058353.D
Acq: 03 Apr 2024 11:05



Tgt Ion: 96 Resp: 3722
Ion Ratio Lower Upper
96 100
61 135.9 92.8 172.4
98 56.7 43.2 80.2





#34

Trichloroethene

Concen: 5.389 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

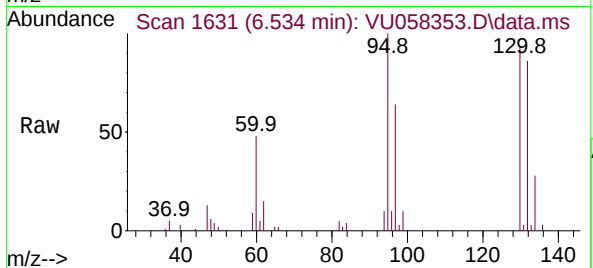
Lab File: VU058353.D

Acq: 03 Apr 2024 11:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 25906

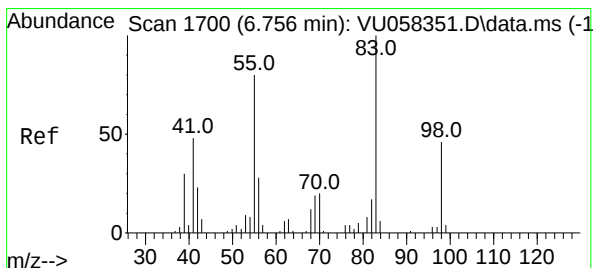
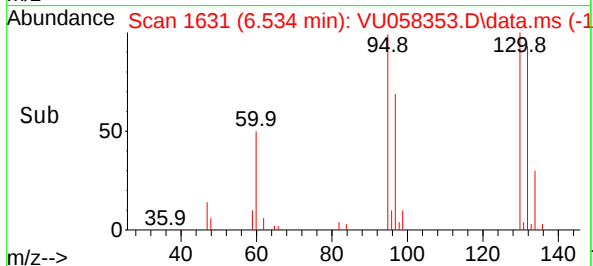
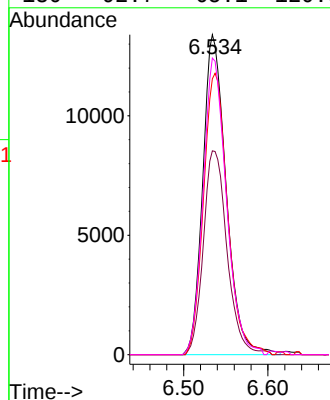
Ion Ratio Lower Upper

95 100

97 63.7 47.7 88.7

132 86.2 63.6 118.2

130 92.7 65.1 120.9



#35

Methylcyclohexane

Concen: 1.104 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058353.D

Acq: 03 Apr 2024 11:05

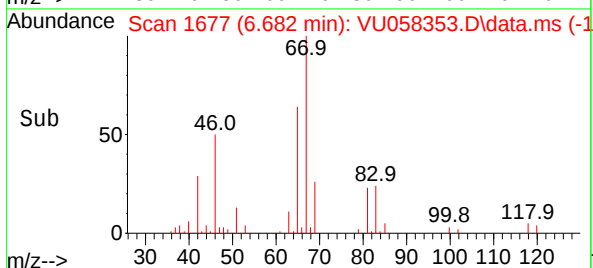
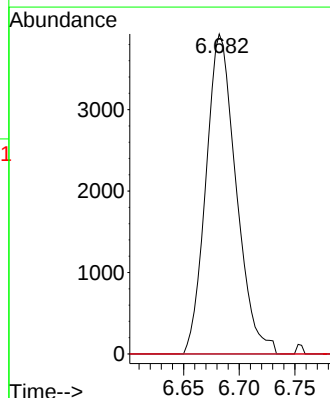
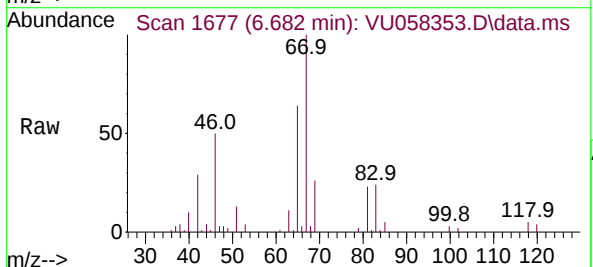
Tgt Ion: 83 Resp: 7404

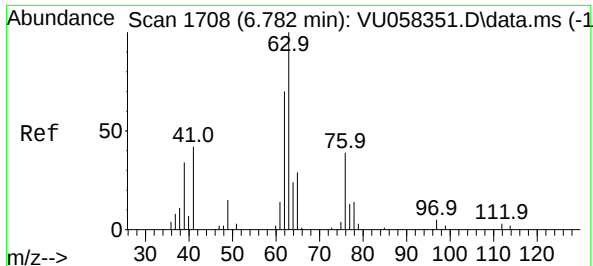
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#

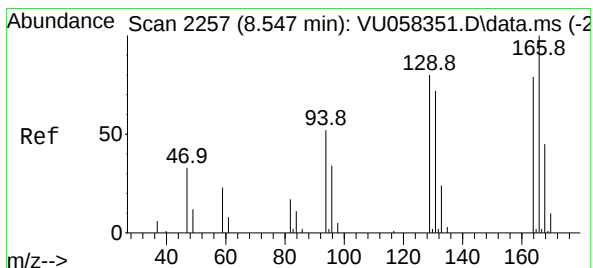
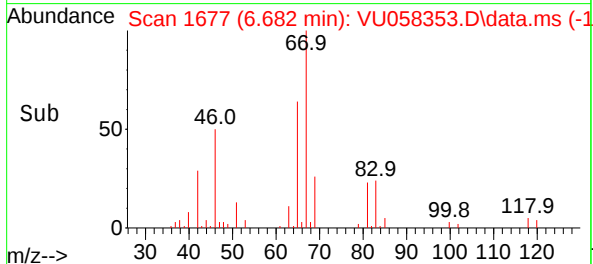
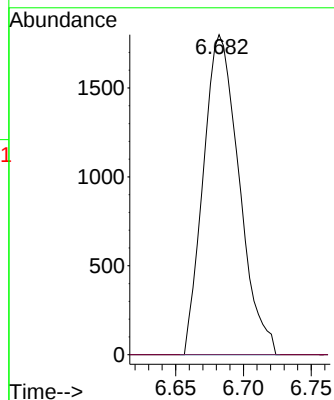
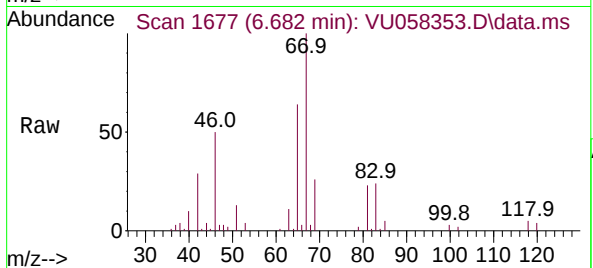




#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058353.D
Acq: 03 Apr 2024 11:05

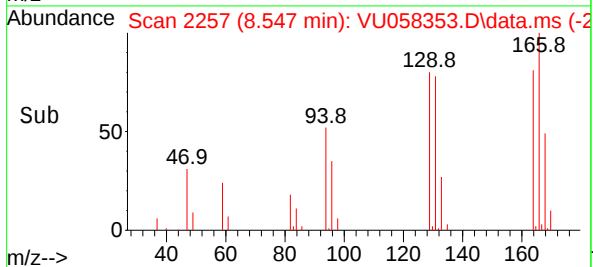
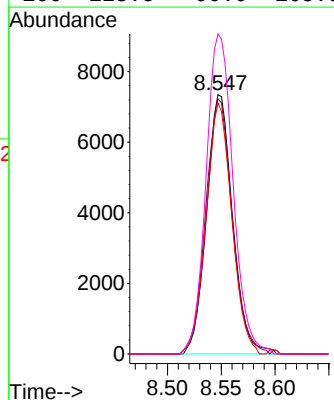
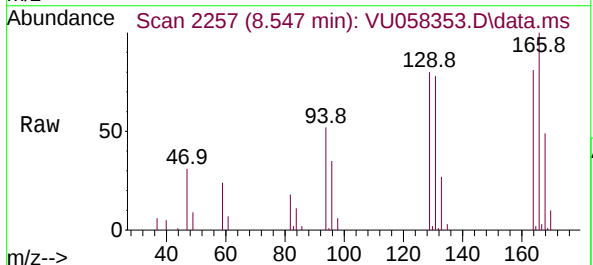
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MSVOA_U
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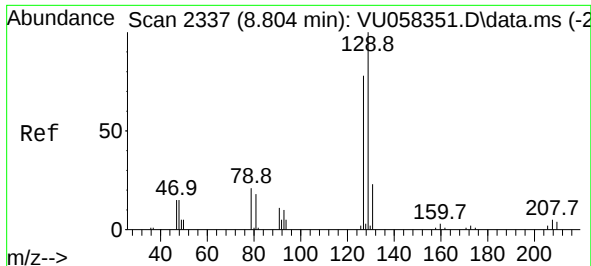
Tgt Ion: 63 Resp: 3301
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 3.845 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058353.D
Acq: 03 Apr 2024 11:05

Tgt Ion:164 Resp: 12380
Ion Ratio Lower Upper
164 100
129 98.5 71.3 132.3
131 96.9 70.8 131.4
166 123.5 90.9 168.9





#49

Dibromochloromethane

Concen: 3.501 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058353.D

Acq: 03 Apr 2024 11:05

Instrument :

MSVOA_U

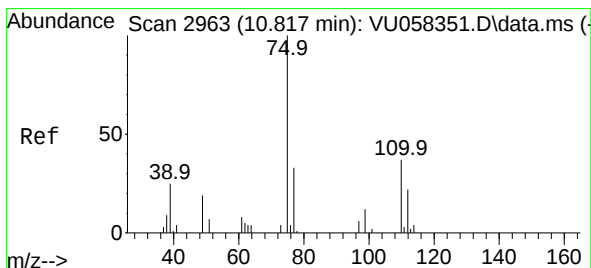
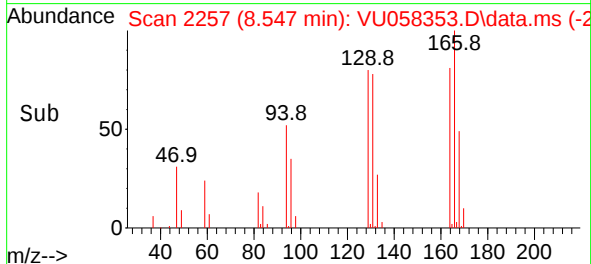
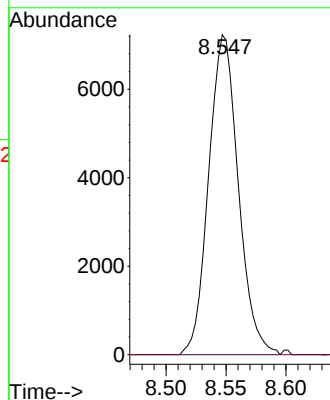
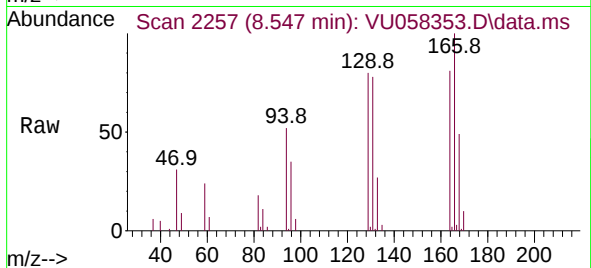
ClientSampleId :

Tgt Ion:129 Resp: 12439

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.639 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058353.D

Acq: 03 Apr 2024 11:05

Tgt Ion: 75 Resp: 4222

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 33.3 25.1 37.7

