

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056812.D
 Acq On : 13 Dec 2023 03:00
 Operator : MD/SY
 Sample : 05675-19DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC2DL

Quant Time: Dec 13 05:01:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

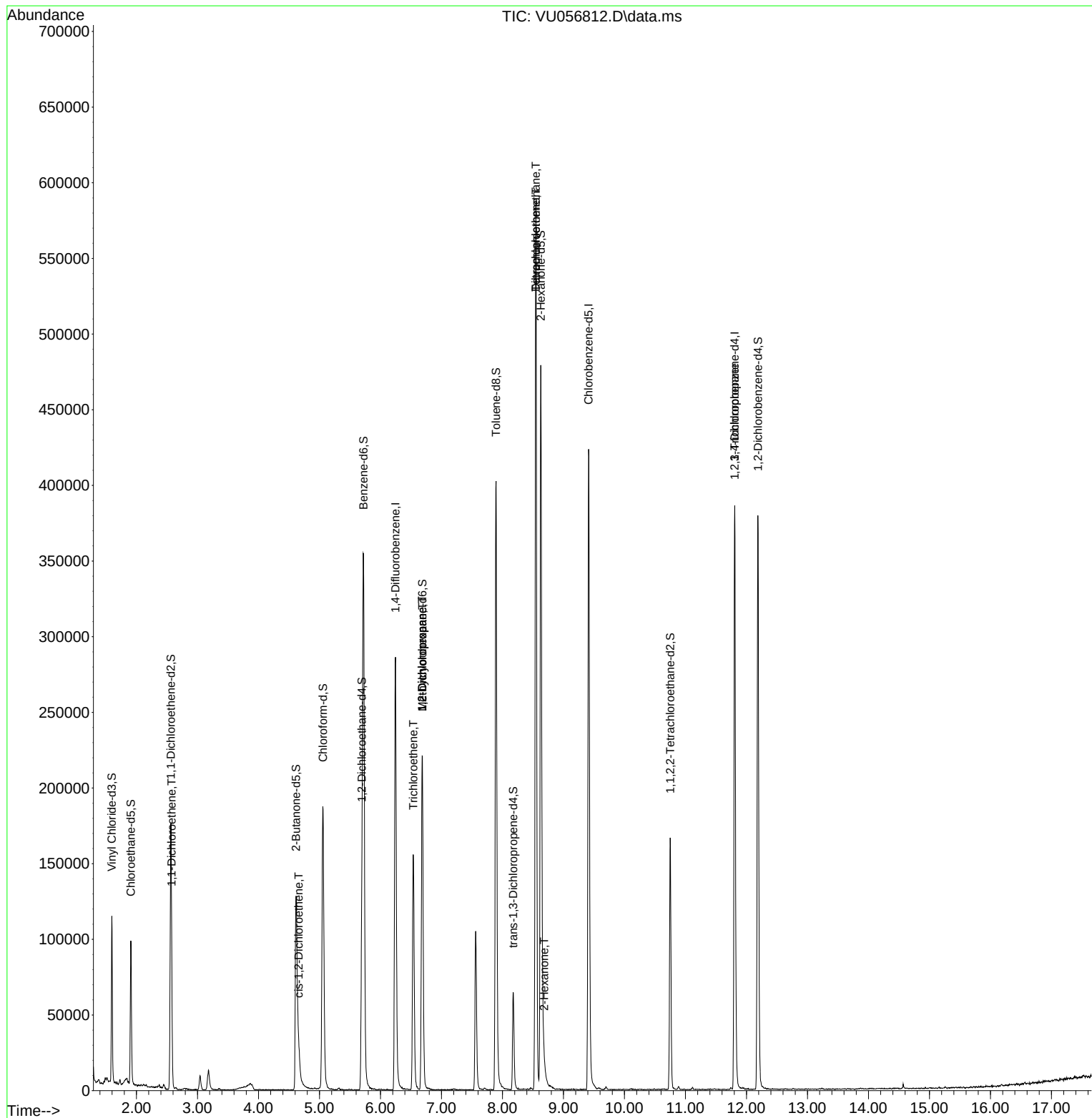
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235553	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	250118	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104252	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76886	3.808	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.908	69	70949	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.563	65	32506	3.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.615	46	199169	49.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.900%
24) Chloroform-d	5.055	84	180734	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	89442	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.721	84	344745	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.686	67	112959	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.894	98	278107	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.174	79	39117	4.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.628	63	162439	45.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.480%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82714	4.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	102003	4.977	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	9873	0.516	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	3956	0.188	ug/L	90
34) Trichloroethene	6.538	95	56253	2.333	ug/L	96
35) Methylcyclohexane	6.686	83	26037	0.732	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	12021	0.535	ug/L #	90
47) Tetrachloroethene	8.547	164	127748	7.570	ug/L	98
48) 2-Hexanone	8.685	43	8916	1.172	ug/L #	60
49) Dibromochloromethane	8.547	129	129516	7.412	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	13189	1.178	ug/L #	70

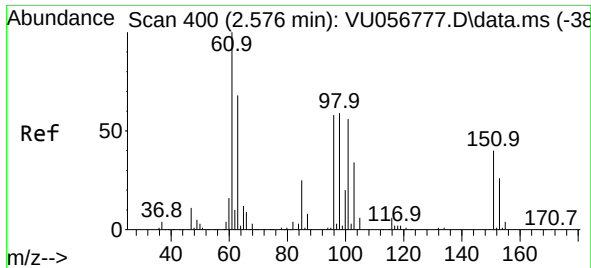
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.516 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056812.D

Acq: 13 Dec 2023 03:00

Instrument :

MSVOA_U

ClientSampleId :

H0AC2DL

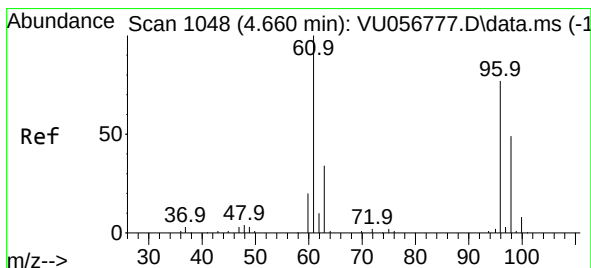
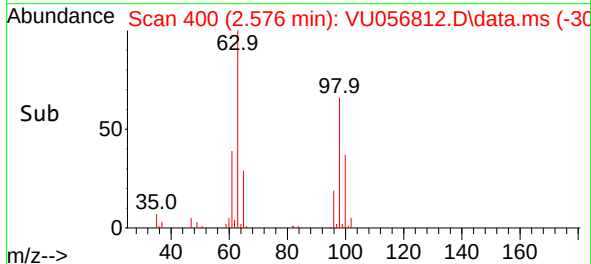
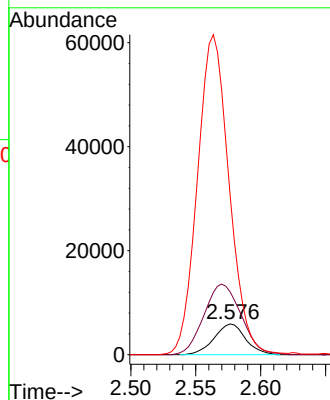
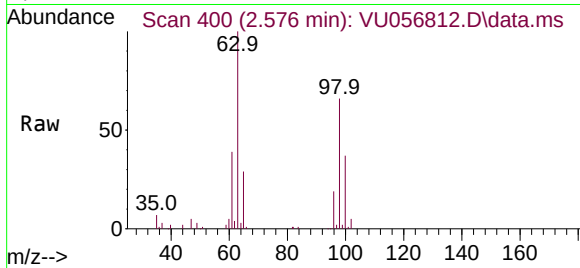
Tgt Ion: 96 Resp: 9873

Ion Ratio Lower Upper

96 100

61 205.2 119.0 221.0

63 520.4 88.7 164.7#



#22

cis-1,2-Dichloroethene

Concen: 0.188 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU056812.D

Acq: 13 Dec 2023 03:00

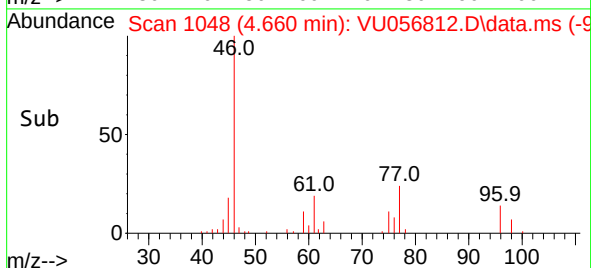
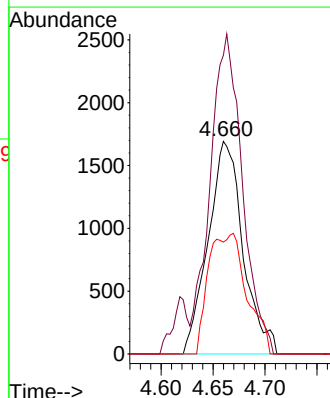
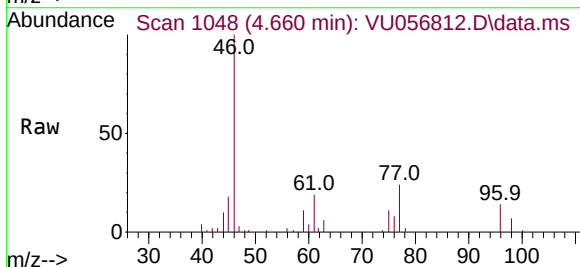
Tgt Ion: 96 Resp: 3956

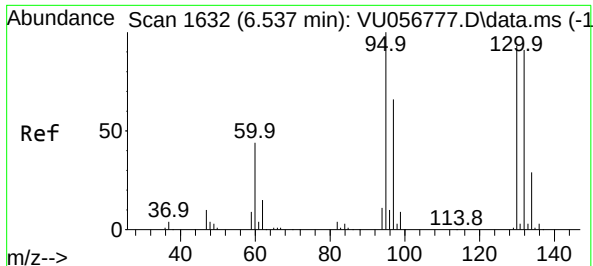
Ion Ratio Lower Upper

96 100

61 140.5 91.3 169.6

98 52.6 44.2 82.0



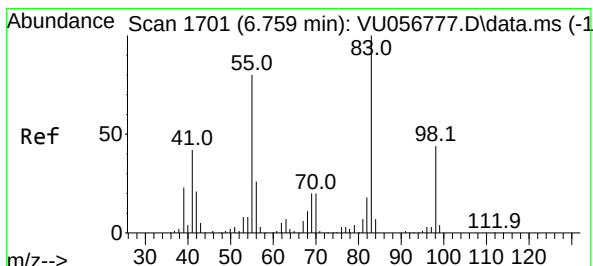
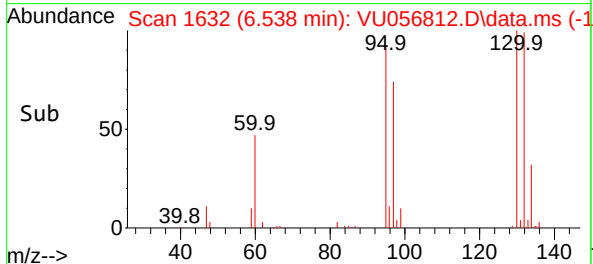
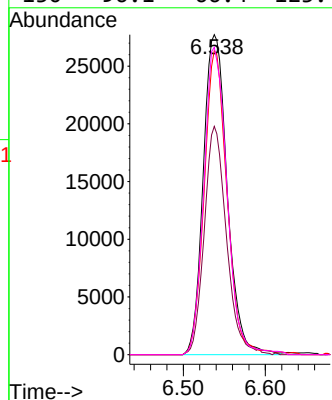
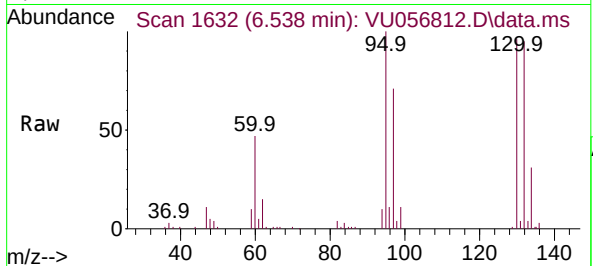


#34
Trichloroethene
Concen: 2.333 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056812.D
Acq: 13 Dec 2023 03:00

Instrument :
MSVOA_U
ClientSampleId :
H0AC2DL

Tgt Ion: 95 Resp: 56253

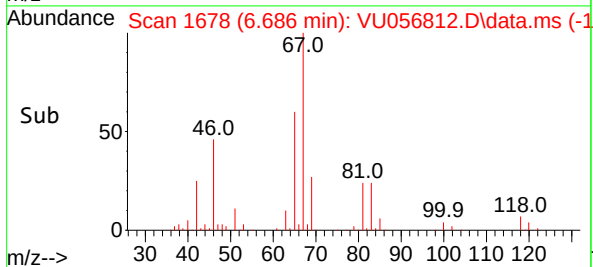
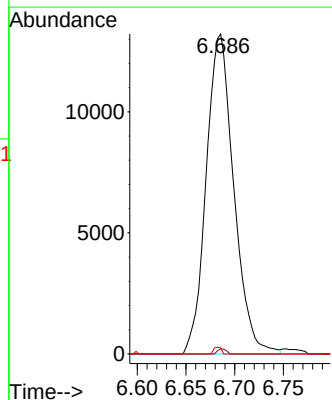
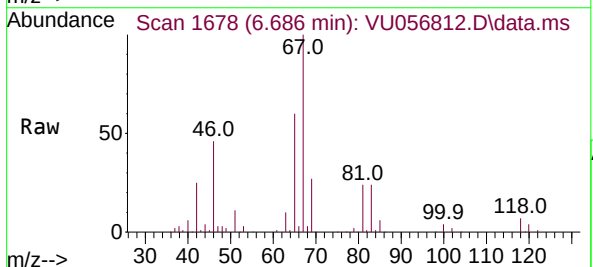
Ion	Ratio	Lower	Upper
95	100		
97	71.4	46.1	85.5
132	95.0	63.6	118.0
130	96.1	66.4	123.4

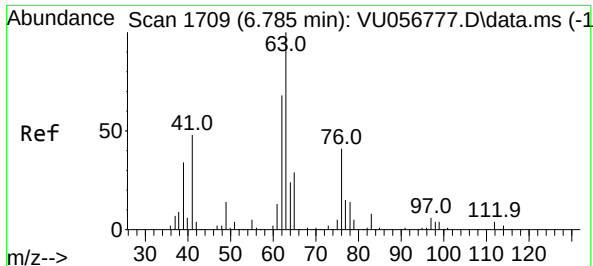


#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056812.D
Acq: 13 Dec 2023 03:00

Tgt Ion: 83 Resp: 26037

Ion	Ratio	Lower	Upper
83	100		
55	0.5	64.6	97.0#
98	0.6	36.1	54.1#

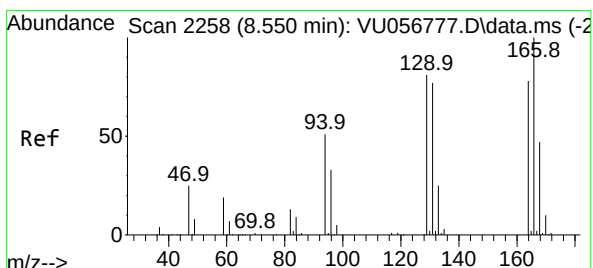
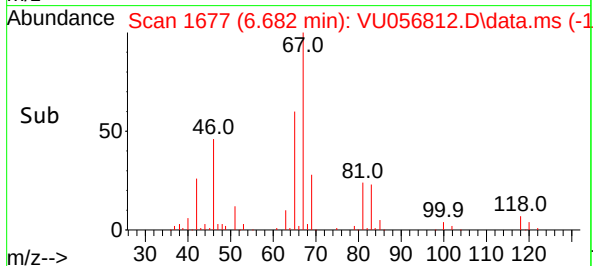
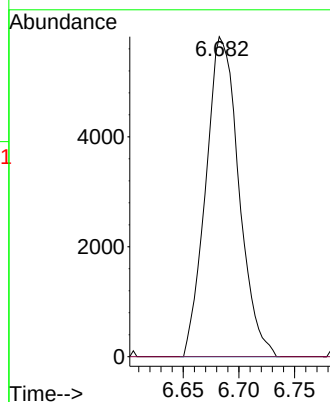
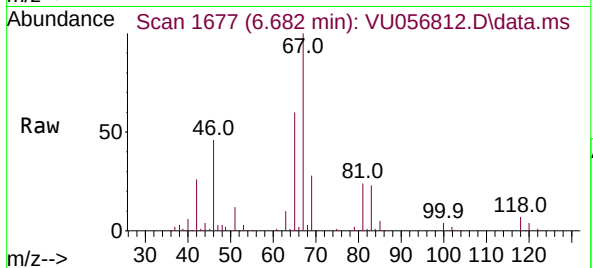




#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056812.D
Acq: 13 Dec 2023 03:00

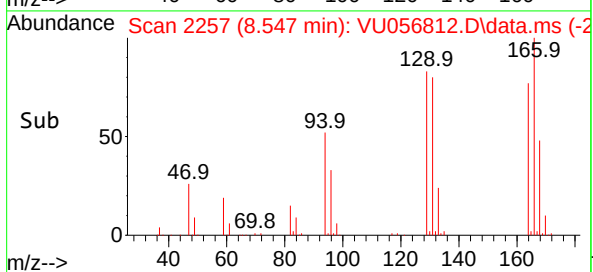
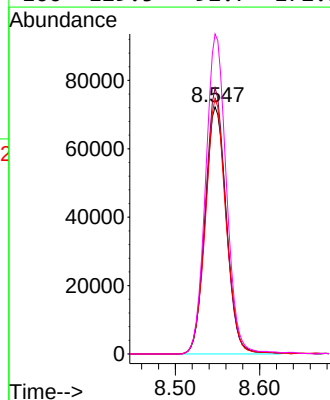
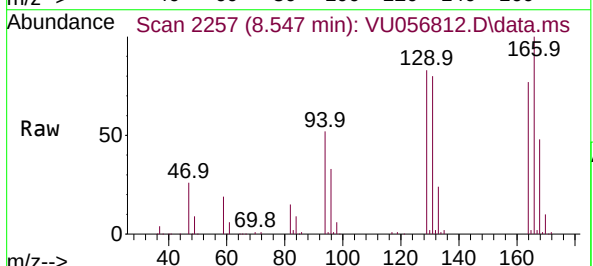
Instrument :
MSVOA_U
ClientSampleId :
H0AC2DL

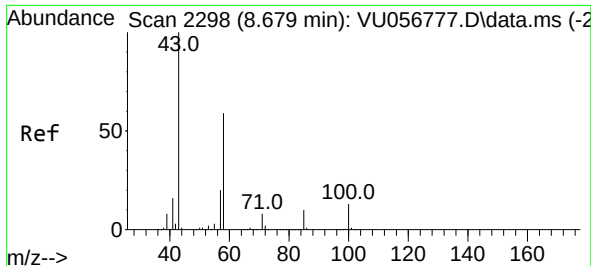
Tgt Ion: 63 Resp: 12021
Ion Ratio Lower Upper
63 100
112 0.8 3.3 4.9#



#47
Tetrachloroethene
Concen: 7.570 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056812.D
Acq: 13 Dec 2023 03:00

Tgt Ion:164 Resp: 127748
Ion Ratio Lower Upper
164 100
129 107.7 73.4 136.4
131 103.4 71.5 132.9
166 129.5 92.7 172.1

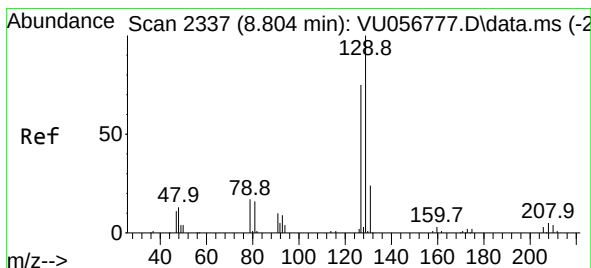
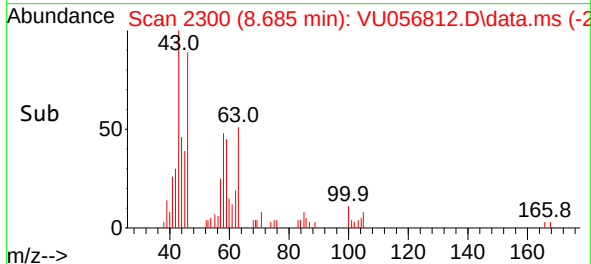
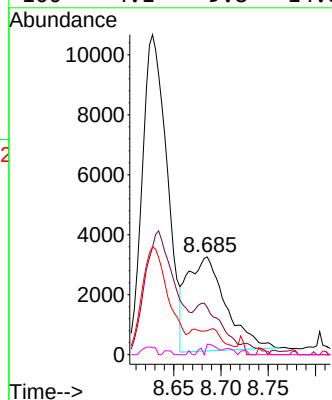
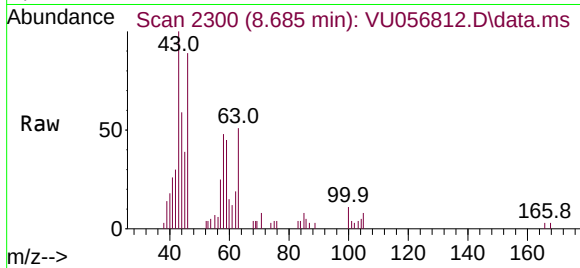




#48
2-Hexanone
Concen: 1.172 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU056812.D
Acq: 13 Dec 2023 03:00

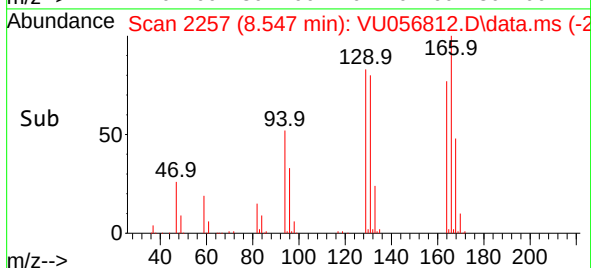
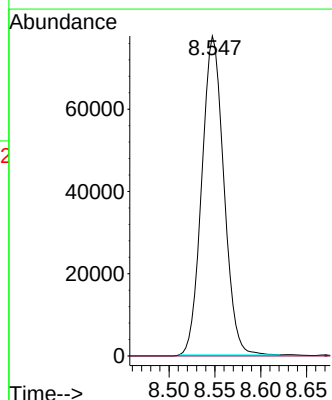
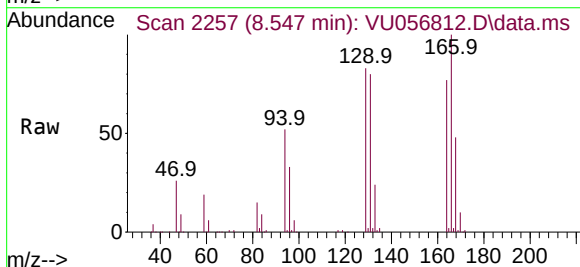
Instrument :
MSVOA_U
ClientSampleId :
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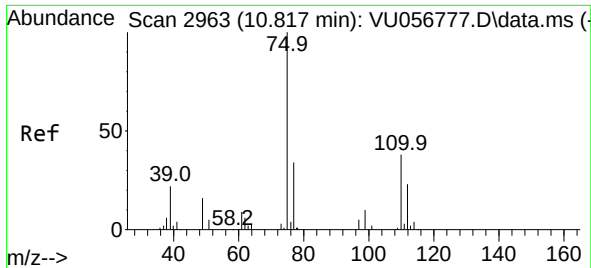
Tgt Ion: 43 Resp: 8916
Ion Ratio Lower Upper
43 100
58 28.3 47.5 71.3#
57 0.0 17.0 25.4#
100 4.1 9.8 14.8#



#49
Dibromochloromethane
Concen: 7.412 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056812.D
Acq: 13 Dec 2023 03:00

Tgt Ion:129 Resp: 129516
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.178 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056812.D
 Acq: 13 Dec 2023 03:00

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC2DL

Tgt Ion: 75 Resp: 13189
 Ion Ratio Lower Upper
 75 100
 110 3.4 28.4 42.6#
 77 34.4 26.3 39.5

