

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056902.D
 Acq On : 16 Dec 2023 00:52
 Operator : MD/SY
 Sample : 05809-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 05:12:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

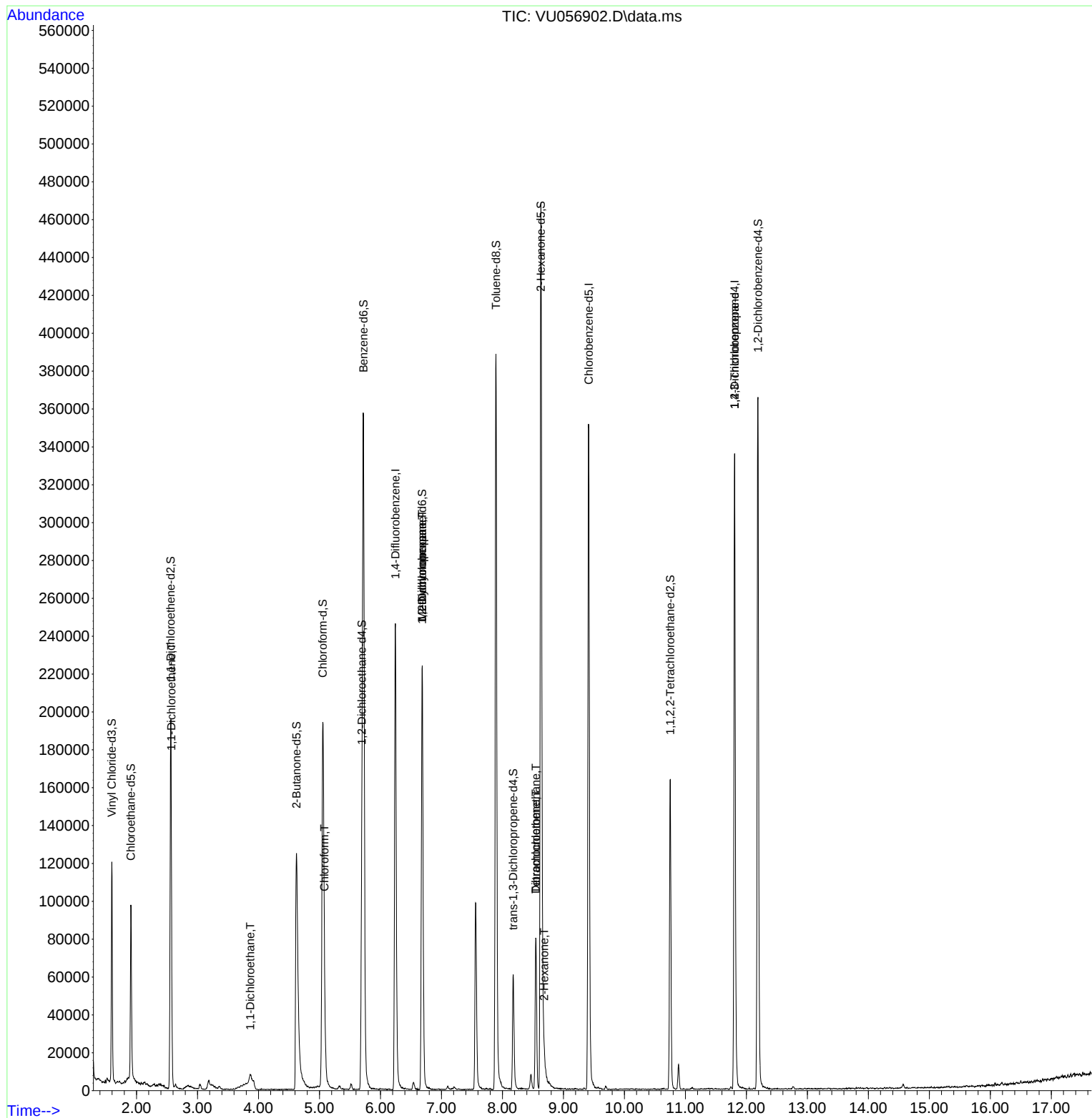
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	200948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	205186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	82908	4.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.907	69	66749	5.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.560	65	36778	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.624	46	207524	61.008	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.020%
24) Chloroform-d	5.055	84	182832	5.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
26) 1,2-Dichloroethane-d4	5.695	65	90559	5.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	5.721	84	337502	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.685	67	109994	5.522	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.894	98	271374	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.177	79	36822	4.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.631	63	159655	54.797	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84805	5.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	97559	5.665	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	2658	0.163	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	4843	0.152	ug/L #	84
25) Chloroform	5.081	83	28721	0.862	ug/L	99
35) Methylcyclohexane	6.685	83	27071	0.927	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11415	0.619	ug/L #	88
47) Tetrachloroethene	8.547	164	16755	1.210	ug/L	97
48) 2-Hexanone	8.685	43	5379	0.862	ug/L #	44
49) Dibromochloromethane	8.547	129	18549	1.294	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11392	1.211	ug/L #	70

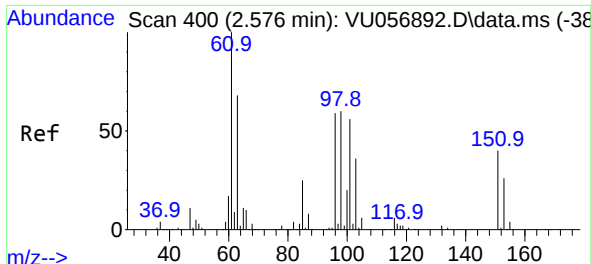
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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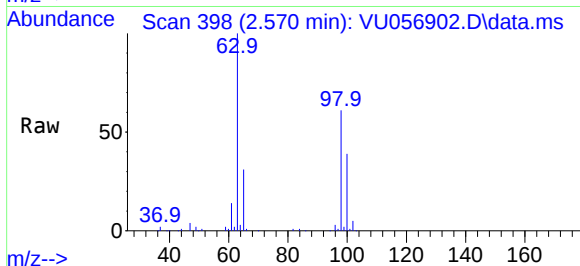
Quant Time: Dec 16 05:12:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
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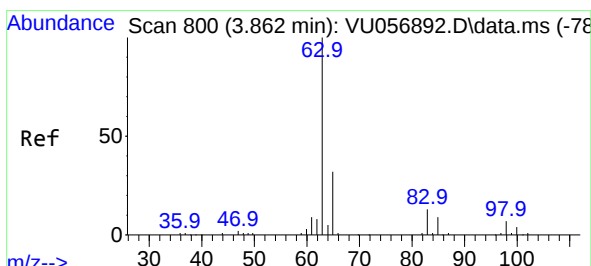
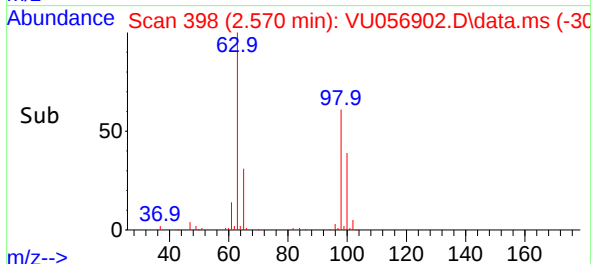
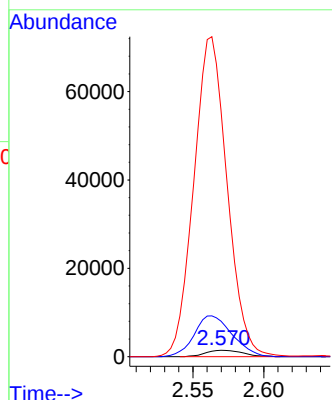


#12
1,1-Dichloroethene
Concen: 0.163 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Instrument :
MSVOA_U
ClientSampleId :

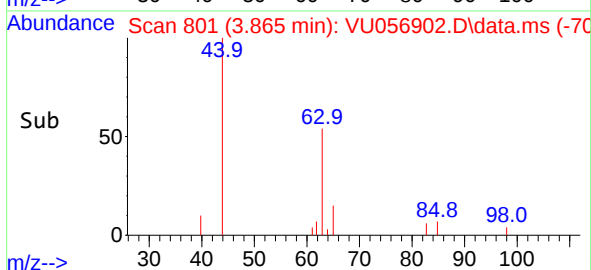
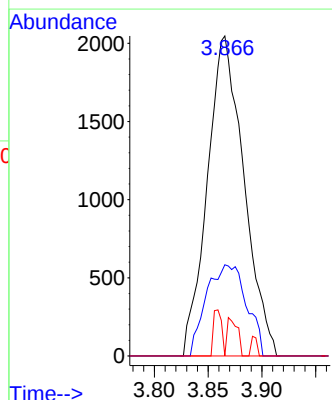
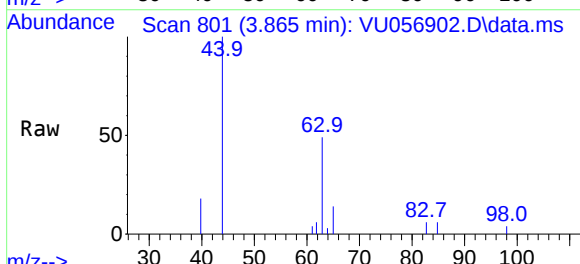


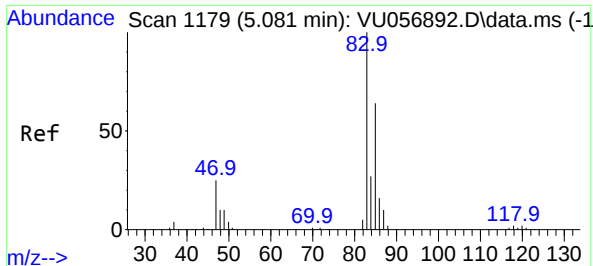
Tgt Ion: 96 Resp: 2658
Ion Ratio Lower Upper
96 100
61 550.8 119.0 221.0#
63 3818.3 88.7 164.7#



#19
1,1-Dichloroethane
Concen: 0.152 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Tgt Ion: 63 Resp: 4843
Ion Ratio Lower Upper
63 100
65 28.5 22.9 42.5
83 0.0 10.1 18.9#





#25

Chloroform

Concen: 0.862 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056902.D

Acq: 16 Dec 2023 00:52

Instrument :

MSVOA_U

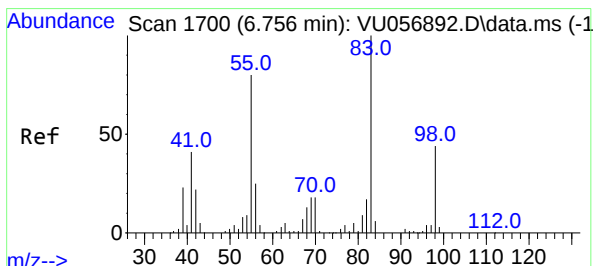
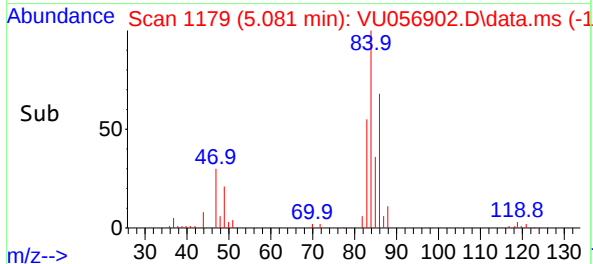
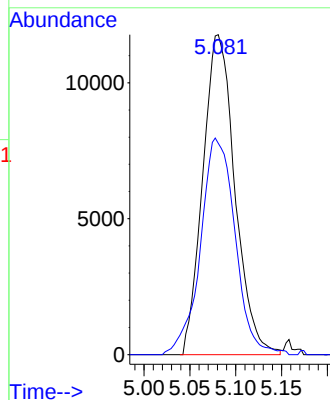
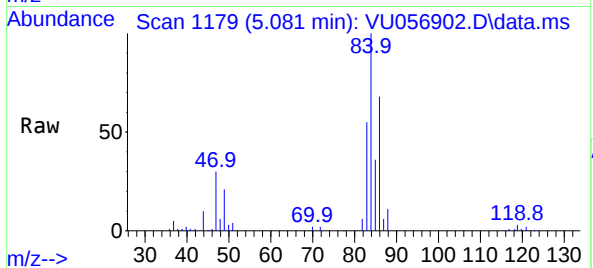
ClientSampleId :

Tgt Ion: 83 Resp: 28721

Ion Ratio Lower Upper

83 100

85 66.1 45.8 85.0



#35

Methylcyclohexane

Concen: 0.927 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056902.D

Acq: 16 Dec 2023 00:52

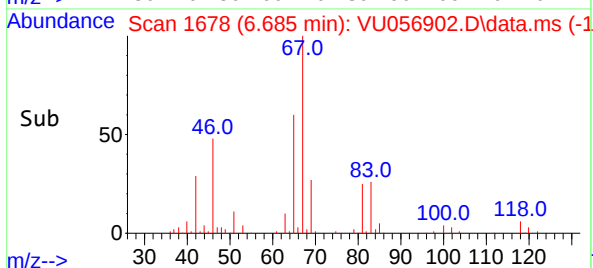
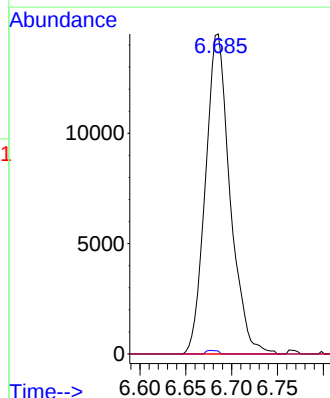
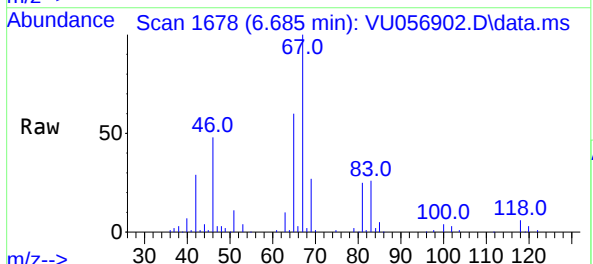
Tgt Ion: 83 Resp: 27071

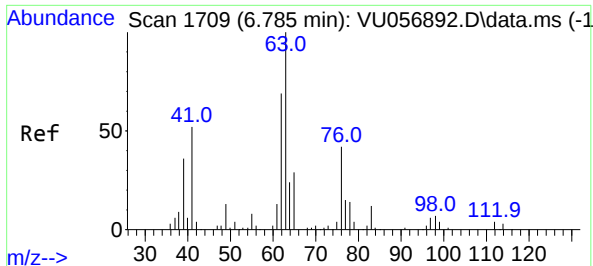
Ion Ratio Lower Upper

83 100

55 0.5 64.6 97.0#

98 0.0 36.1 54.1#

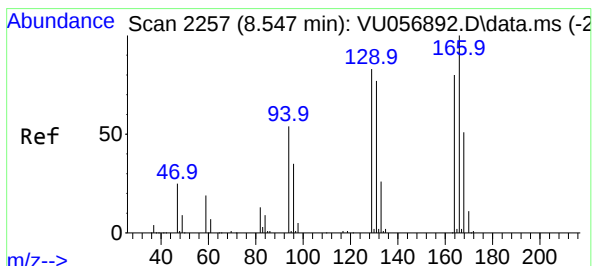
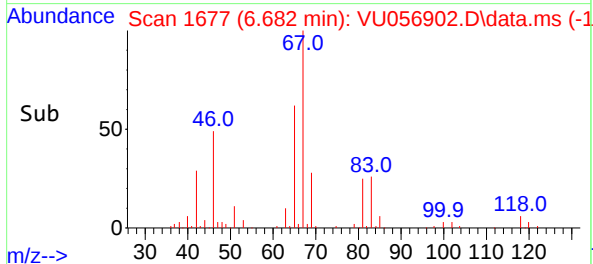
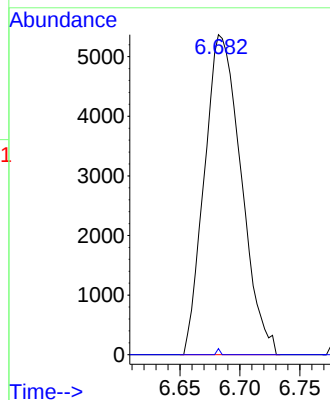
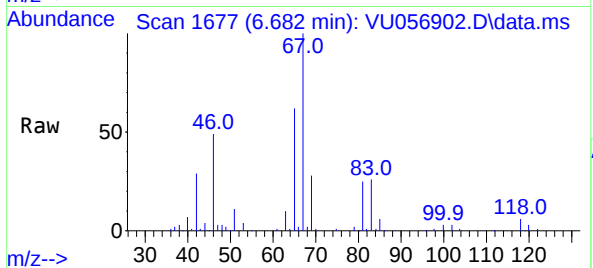




#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

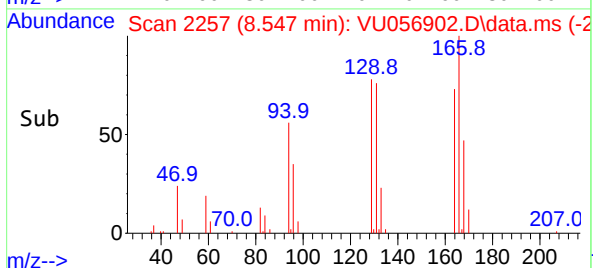
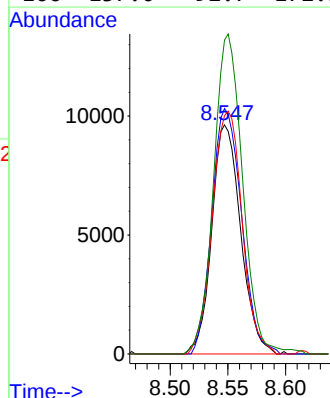
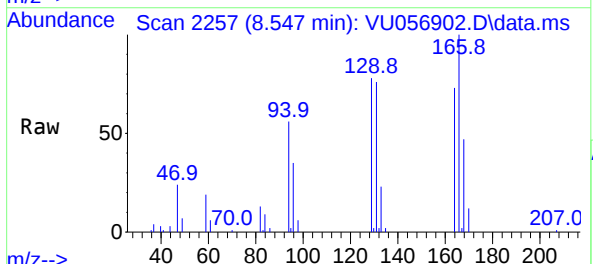
Instrument :
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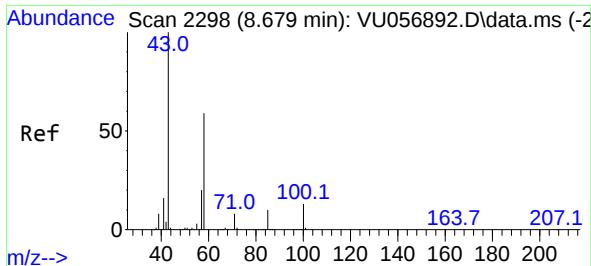
Tgt Ion: 63 Resp: 11415
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#47
Tetrachloroethene
Concen: 1.210 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

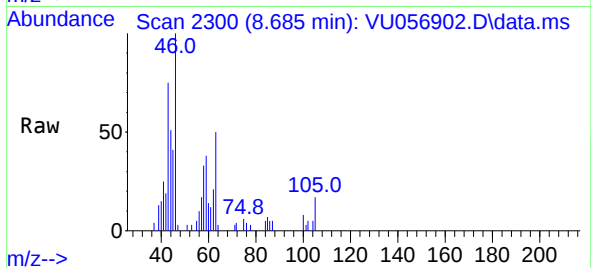
Tgt Ion:164 Resp: 16755
Ion Ratio Lower Upper
164 100
129 107.1 73.4 136.4
131 104.0 71.5 132.9
166 137.0 92.7 172.1



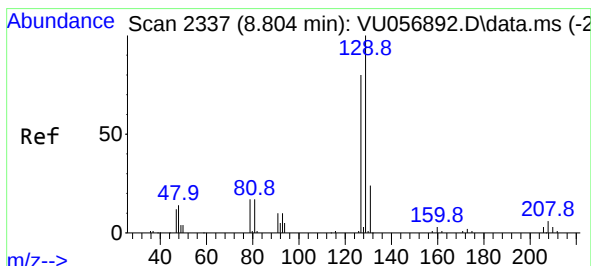
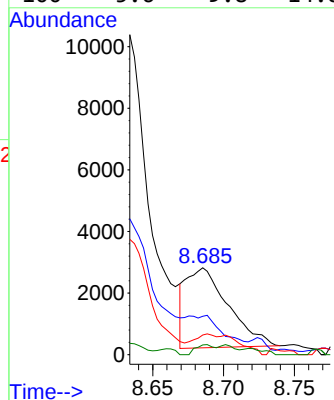
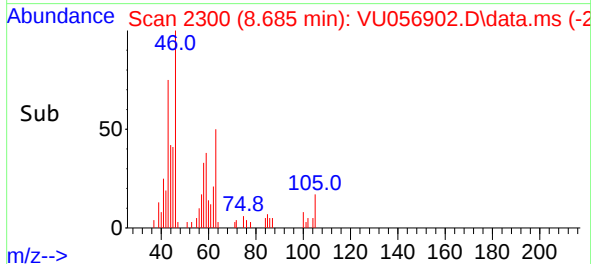


#48
2-Hexanone
Concen: 0.862 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Instrument :
MSVOA_U
ClientSampleId :

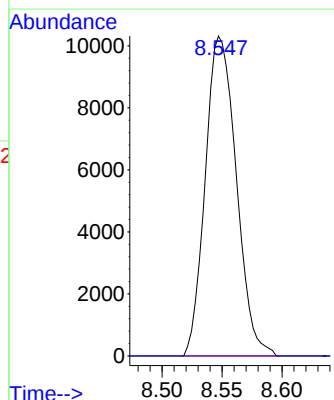
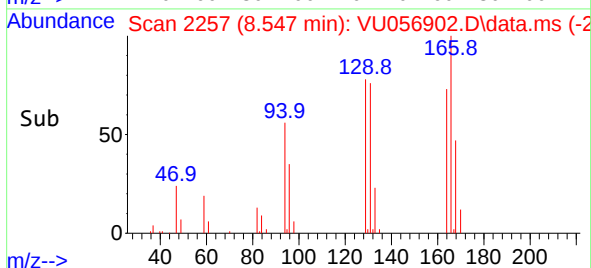
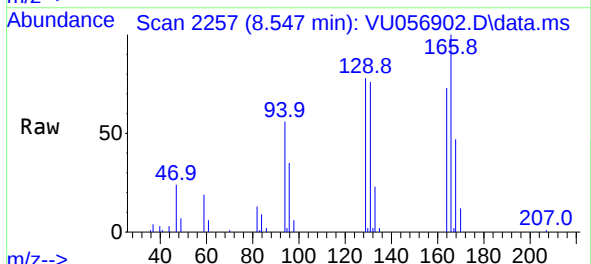


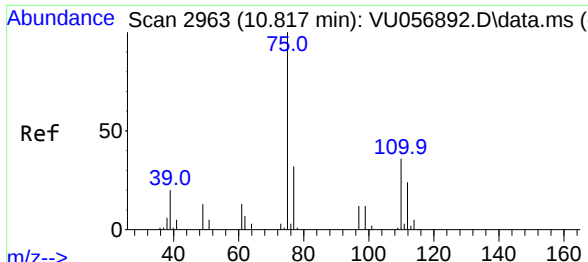
Tgt Ion: 43 Resp: 5379
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 27.0 17.0 25.4#
100 5.6 9.8 14.8#



#49
Dibromochloromethane
Concen: 1.294 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

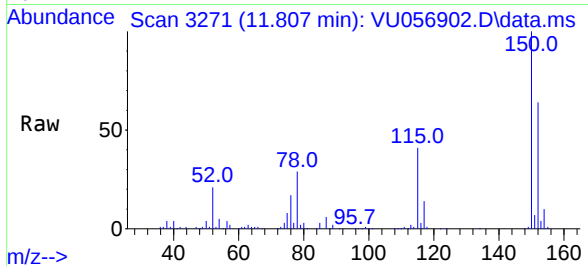
Tgt Ion: 129 Resp: 18549
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.211 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056902.D
 Acq: 16 Dec 2023 00:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11392
 Ion Ratio Lower Upper
 75 100
 110 2.0 28.4 42.6#
 77 33.3 26.3 39.5

