

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056757.D
 Acq On : 12 Dec 2023 01:46
 Operator : MD/SY
 Sample : 05675-04
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:03:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

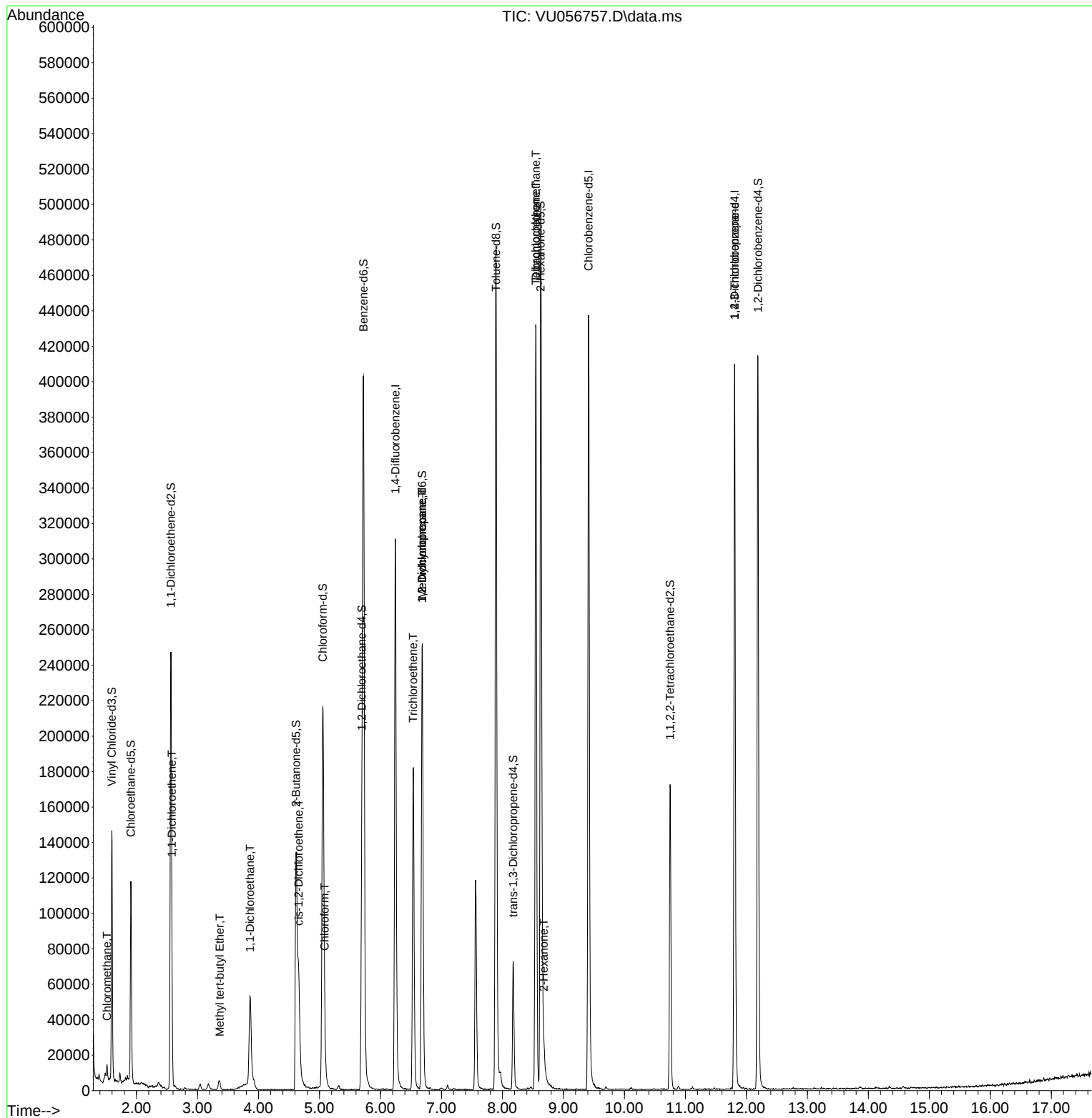
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	257936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106698	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101586	4.699	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.907	69	84608	5.230	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.600%	
11) 1,1-Dichloroethene-d2	2.563	65	44517	4.812	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	4.618	46	217527	50.947	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.900%	
24) Chloroform-d	5.055	84	203449	4.969	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.695	65	96140	4.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.721	84	394578	4.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.682	67	124858	4.986	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.894	98	334049	4.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	8.177	79	44013	4.532	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.627	63	172080	46.983	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.960%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	87789	4.845	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	109553	5.223	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
3) Chloromethane	1.518	50	5220	0.201	ug/L	98
12) 1,1-Dichloroethene	2.579	96	10691	0.522	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	5422	0.119	ug/L #	90
19) 1,1-Dichloroethane	3.862	63	57439	1.438	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	23050	1.020	ug/L	99
25) Chloroform	5.087	83	22737	0.543	ug/L	96
34) Trichloroethene	6.537	95	64497	2.594	ug/L	98
35) Methylcyclohexane	6.685	83	28999	0.790	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	13544	0.584	ug/L #	88
47) Tetrachloroethene	8.550	164	94689	5.441	ug/L	97
48) 2-Hexanone	8.679	43	8593	1.096	ug/L #	76
49) Dibromochloromethane	8.547	129	96910	5.378	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13353	1.166	ug/L #	68

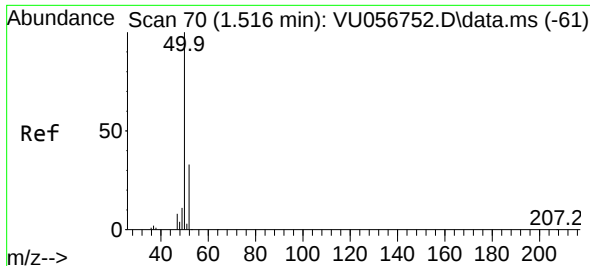
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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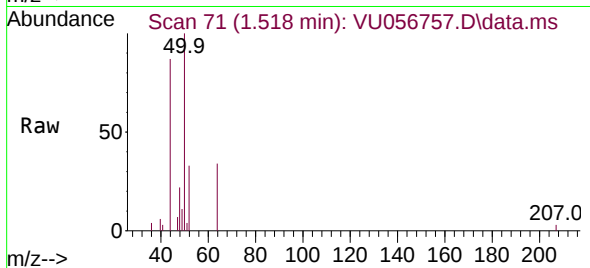
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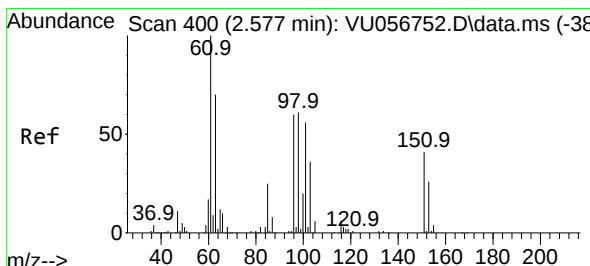
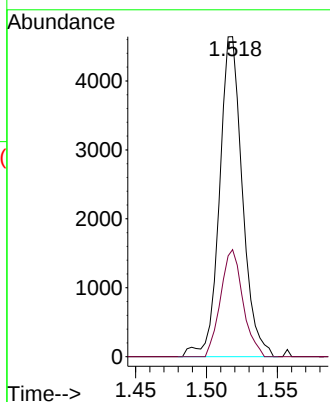
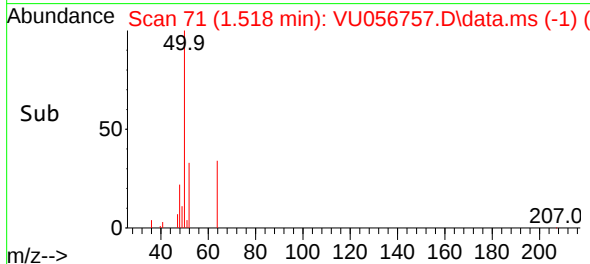


#3
Chloromethane
Concen: 0.201 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU056757.D
Acq: 12 Dec 2023 01:46

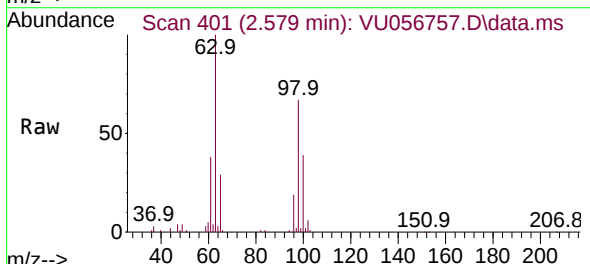
Instrument :
MSVOA_U
ClientSampleId :



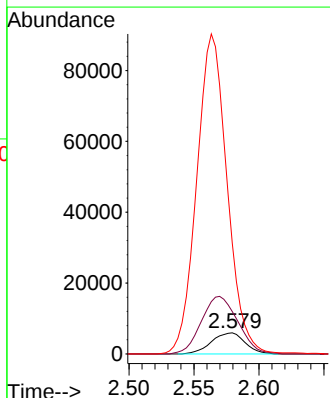
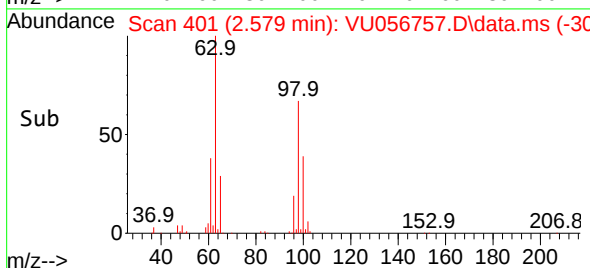
Tgt Ion: 50 Resp: 5220
Ion Ratio Lower Upper
50 100
52 33.5 22.5 41.7

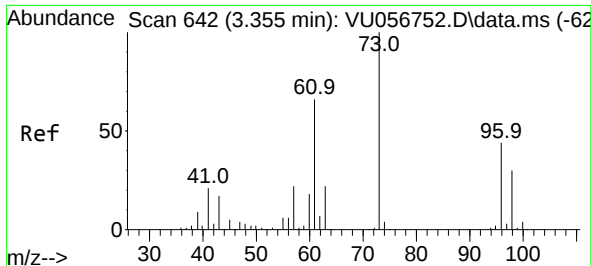


#12
1,1-Dichloroethene
Concen: 0.522 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU056757.D
Acq: 12 Dec 2023 01:46



Tgt Ion: 96 Resp: 10691
Ion Ratio Lower Upper
96 100
61 200.5 119.0 221.0
63 523.5 88.7 164.7#





#17

Methyl tert-butyl Ether

Concen: 0.119 ug/L

RT: 3.364 min Scan# 64

Delta R.T. 0.009 min

Lab File: VU056757.D

Acq: 12 Dec 2023 01:46

Instrument :

MSVOA_U

ClientSampleId :

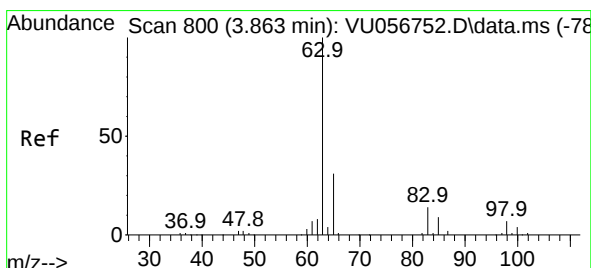
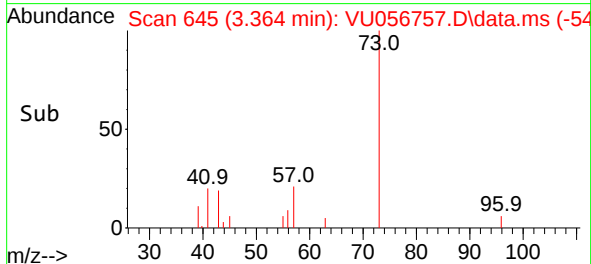
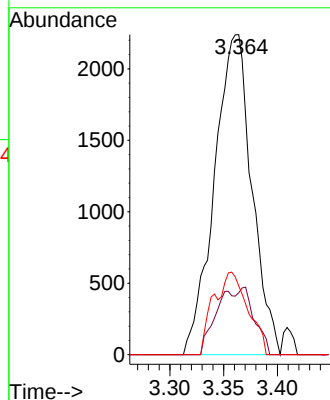
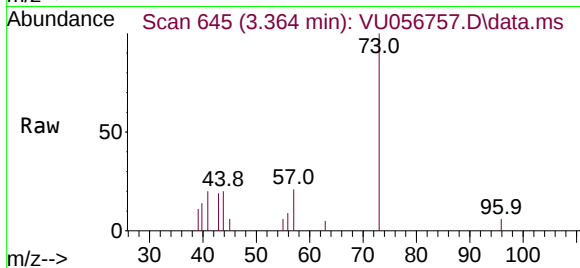
Tgt Ion: 73 Resp: 5422

Ion Ratio Lower Upper

73 100

43 9.5 14.4 21.6#

57 23.6 17.8 26.8



#19

1,1-Dichloroethane

Concen: 1.438 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056757.D

Acq: 12 Dec 2023 01:46

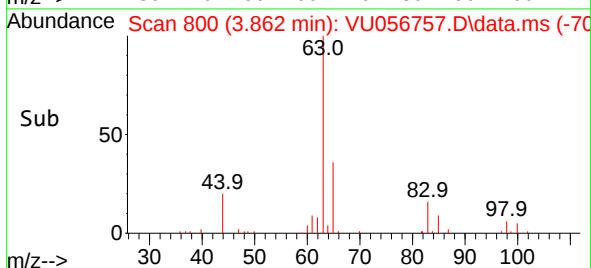
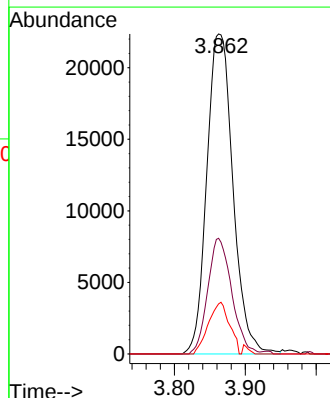
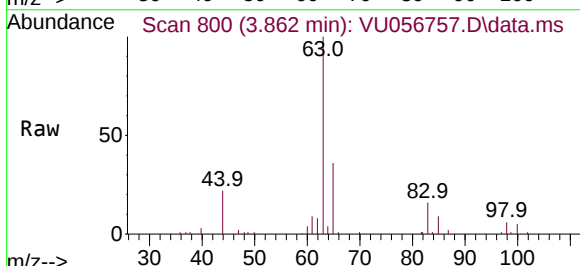
Tgt Ion: 63 Resp: 57439

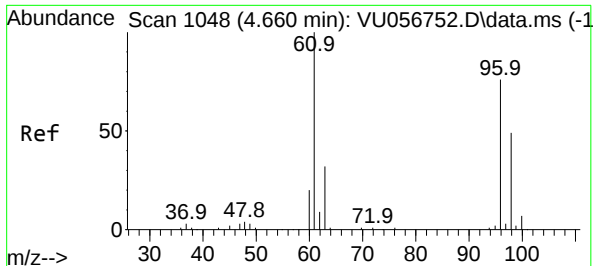
Ion Ratio Lower Upper

63 100

65 36.2 22.9 42.5

83 15.7 10.1 18.9

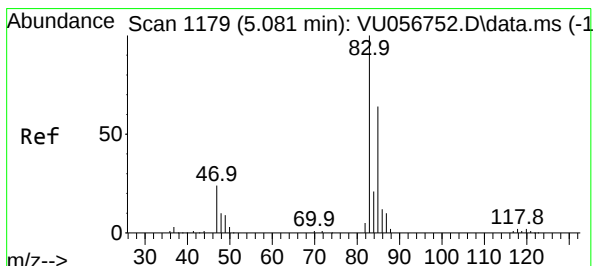
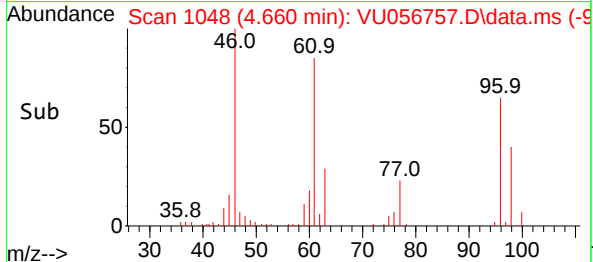
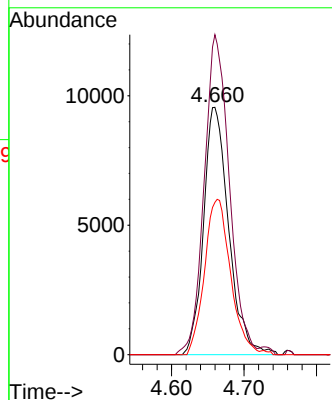
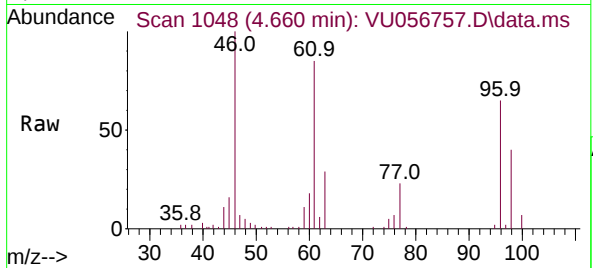




#22
 cis-1,2-Dichloroethene
 Concen: 1.020 ug/L
 RT: 4.660 min Scan# 1108
 Delta R.T. -0.000 min
 Lab File: VU056757.D
 Acq: 12 Dec 2023 01:46

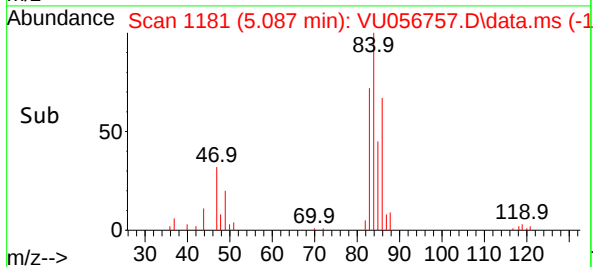
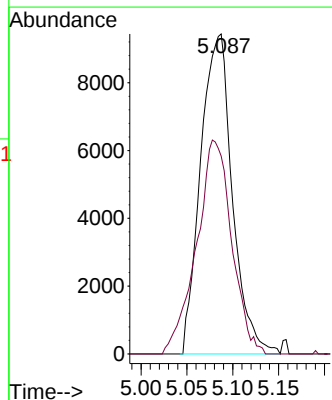
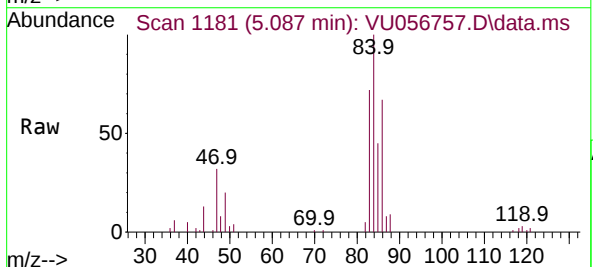
Instrument :
 MSVOA_U
 ClientSampleId :

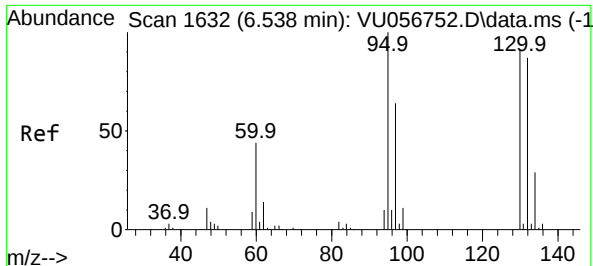
Tgt Ion: 96 Resp: 23050
 Ion Ratio Lower Upper
 96 100
 61 129.3 91.3 169.6
 98 61.6 44.2 82.0



#25
 Chloroform
 Concen: 0.543 ug/L
 RT: 5.087 min Scan# 1181
 Delta R.T. 0.006 min
 Lab File: VU056757.D
 Acq: 12 Dec 2023 01:46

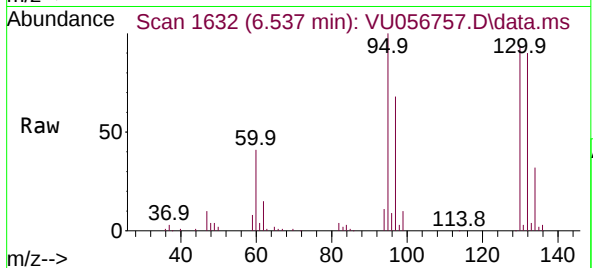
Tgt Ion: 83 Resp: 22737
 Ion Ratio Lower Upper
 83 100
 85 61.9 45.8 85.0





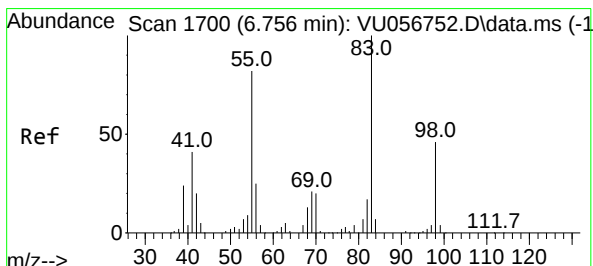
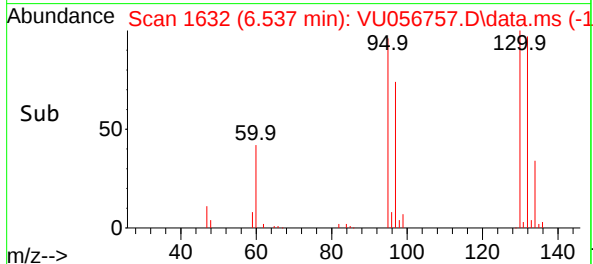
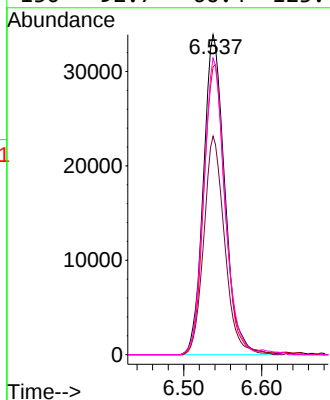
#34
Trichloroethene
Concen: 2.594 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU056757.D
Acq: 12 Dec 2023 01:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 64497

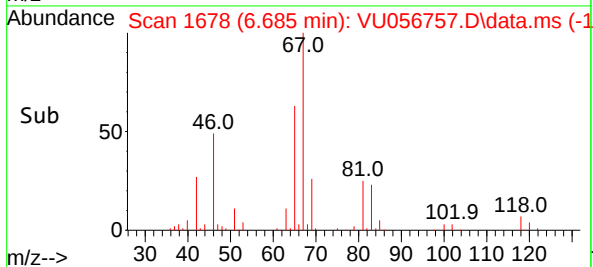
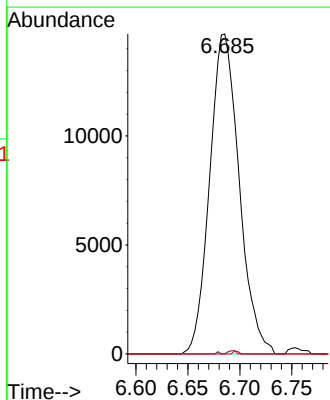
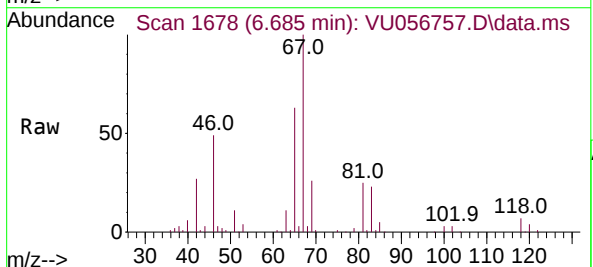
Ion	Ratio	Lower	Upper
95	100		
97	68.3	46.1	85.5
132	90.0	63.6	118.0
130	92.7	66.4	123.4

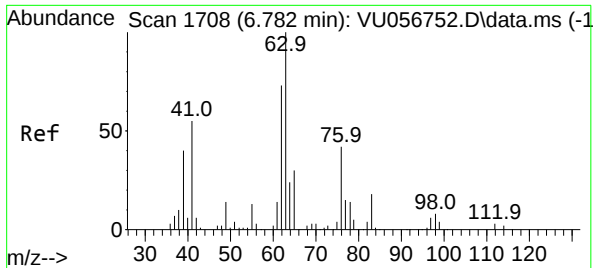


#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056757.D
Acq: 12 Dec 2023 01:46

Tgt Ion: 83 Resp: 28999

Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.6	97.0#
98	0.0	36.1	54.1#

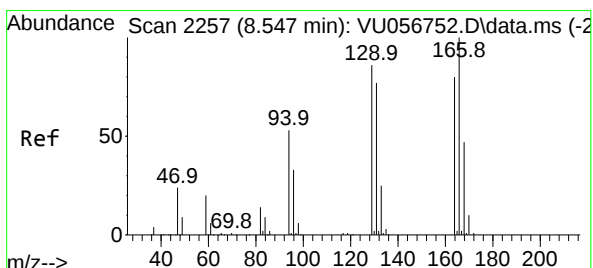
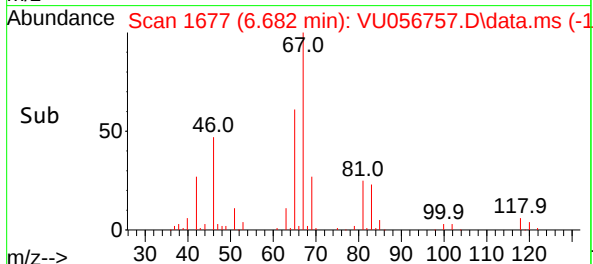
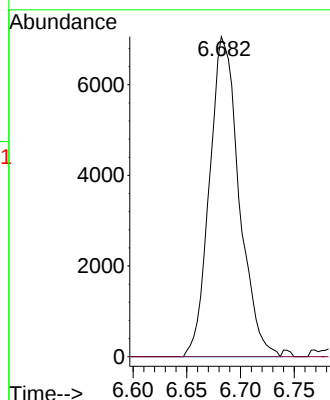
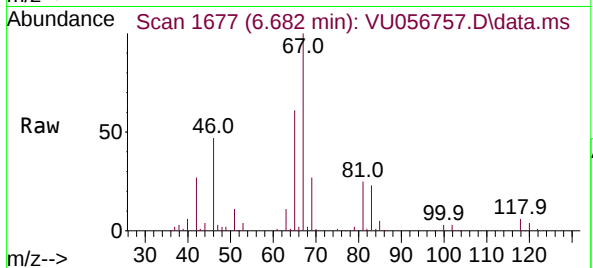




#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056757.D
Acq: 12 Dec 2023 01:46

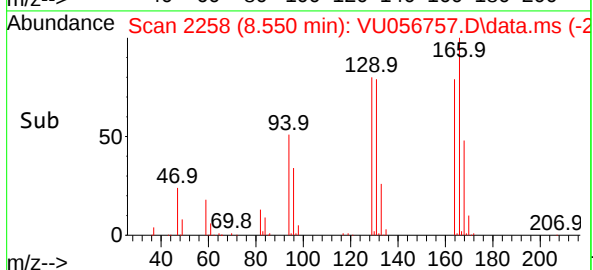
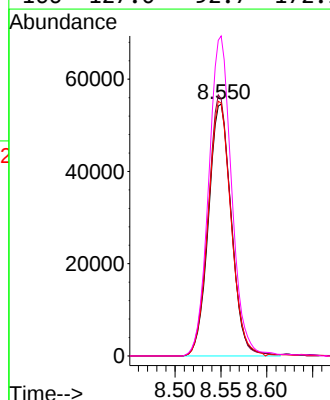
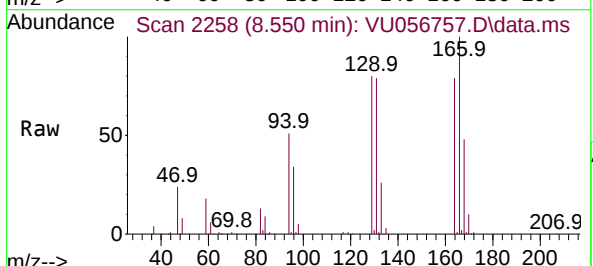
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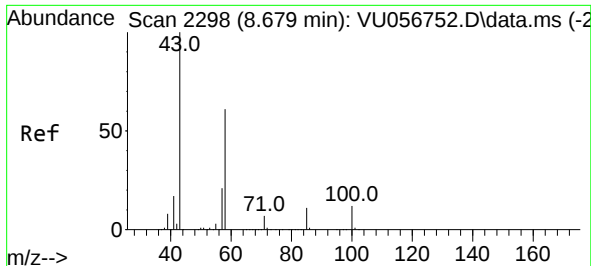
Tgt Ion: 63 Resp: 13544
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 5.441 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056757.D
Acq: 12 Dec 2023 01:46

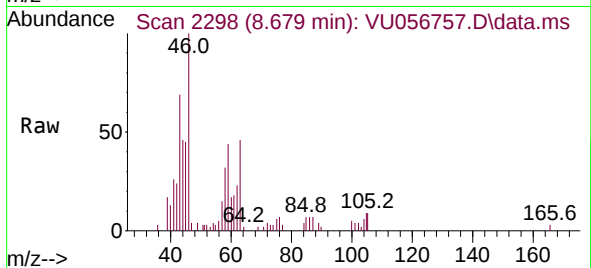
Tgt Ion:164 Resp: 94689
Ion Ratio Lower Upper
164 100
129 102.1 73.4 136.4
131 100.4 71.5 132.9
166 127.0 92.7 172.1



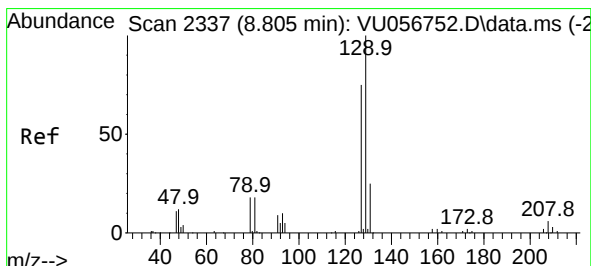
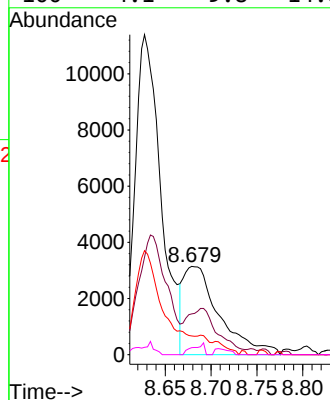
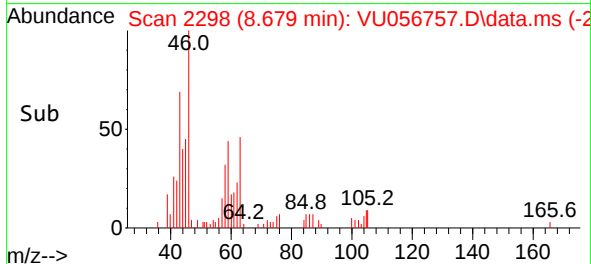


#48
2-Hexanone
Concen: 1.096 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056757.D
Acq: 12 Dec 2023 01:46

Instrument :
MSVOA_U
ClientSampleId :

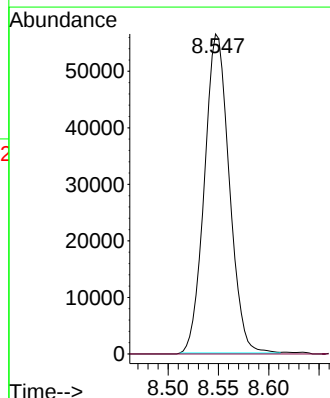
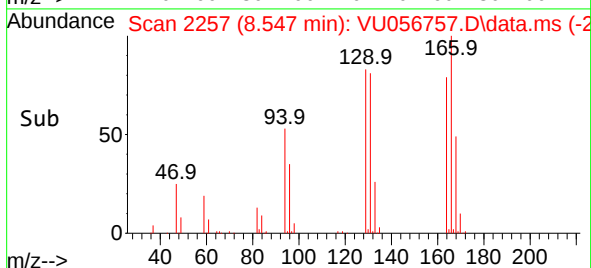
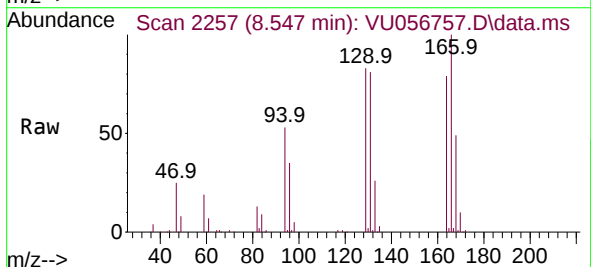


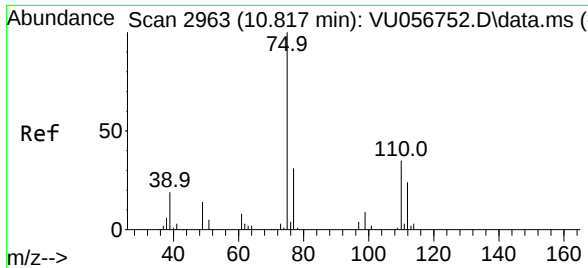
Tgt Ion: 43 Resp: 8593
Ion Ratio Lower Upper
43 100
58 46.2 47.5 71.3#
57 0.0 17.0 25.4#
100 4.1 9.8 14.8#



#49
Dibromochloromethane
Concen: 5.378 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.258 min
Lab File: VU056757.D
Acq: 12 Dec 2023 01:46

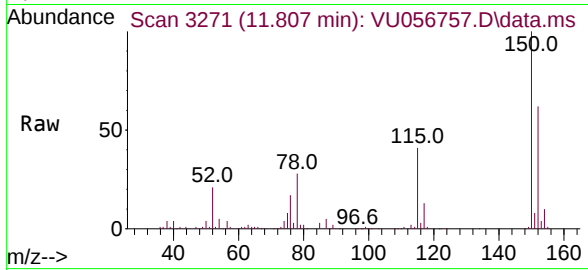
Tgt Ion: 129 Resp: 96910
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.166 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056757.D
Acq: 12 Dec 2023 01:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 13353
Ion Ratio Lower Upper
75 100
110 2.7 28.4 42.6#
77 36.0 26.3 39.5

