

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056467.D
 Acq On : 18 Nov 2023 02:22
 Operator : MD/SY
 Sample : 05441-19
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QL1

Quant Time: Nov 19 01:25:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

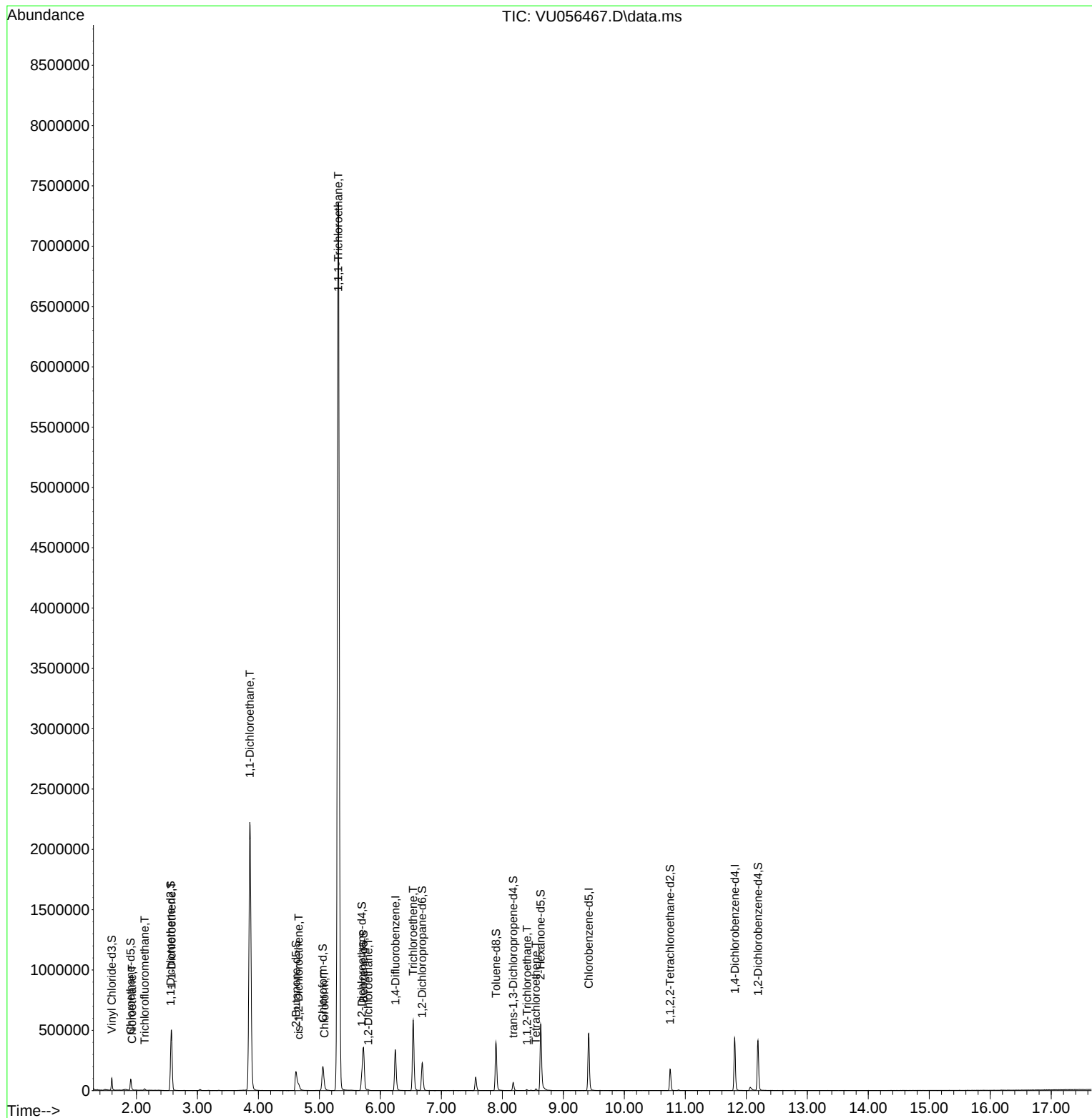
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	273668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	271862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	116568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71487	3.492	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.800%	
7) Chloroethane-d5	1.904	69	71275	4.541	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.560	65	34079	3.772	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	4.615	46	240695	58.970	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.940%	
24) Chloroform-d	5.055	84	187265	4.730	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.695	65	94760	5.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.721	84	339973	4.197	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
36) 1,2-Dichloropropane-d6	6.685	67	111803	4.580	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.894	98	275491	3.852	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	8.177	79	40598	4.336	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.628	63	187116	50.856	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.720%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	89230	5.115	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	111055	5.157	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.927	64	3588	0.275	ug/L #	81
9) Trichlorofluoromethane	2.136	101	7202	0.234	ug/L	99
12) 1,1-Dichloroethene	2.576	96	142679	8.517	ug/L #	75
19) 1,1-Dichloroethane	3.859	63	2556636	74.879	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	17454	0.893	ug/L	89
25) Chloroform	5.081	83	15071	0.407	ug/L	98
27) 1,2-Dichloroethane	5.801	62	4810	0.229	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	5513024	176.663	ug/L	99
34) Trichloroethene	6.538	95	206543	9.772	ug/L	97
45) 1,1,2-Trichloroethane	8.406	97	2570	0.191	ug/L #	81
47) Tetrachloroethene	8.550	164	3248	0.228	ug/L	94

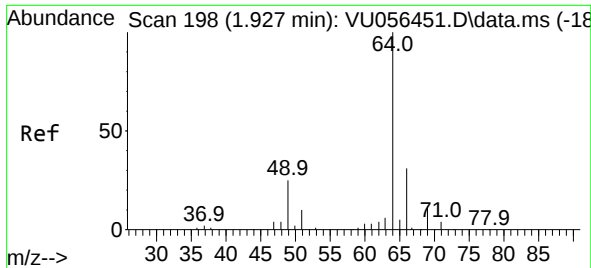
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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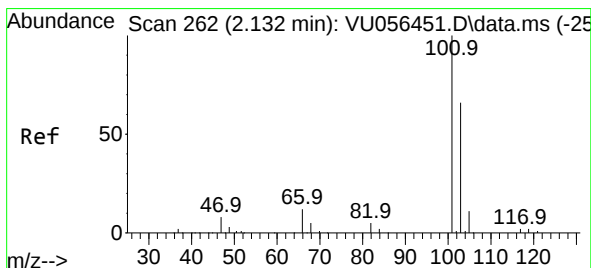
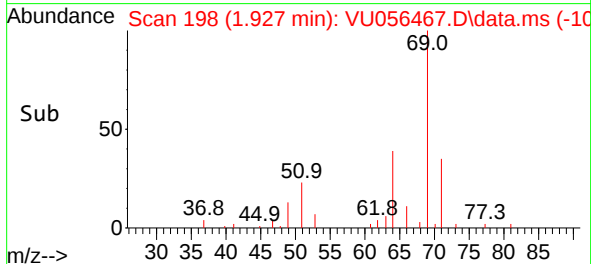
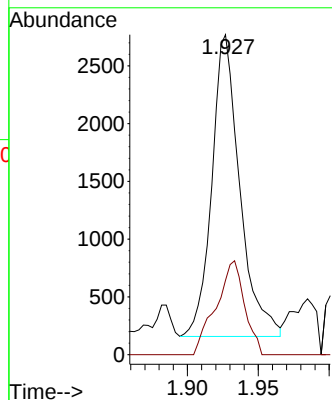
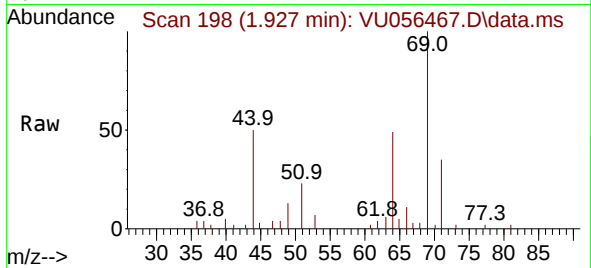




#8
Chloroethane
Concen: 0.275 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU056467.D
Acq: 18 Nov 2023 02:22

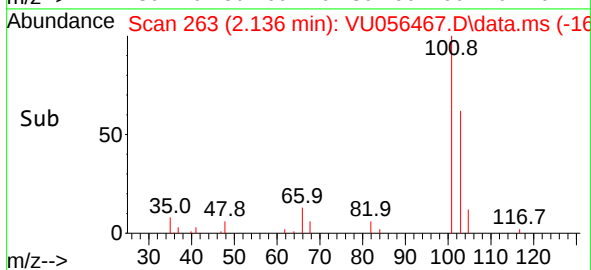
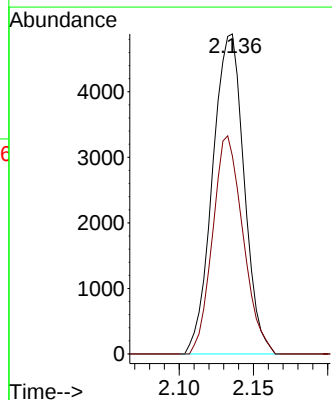
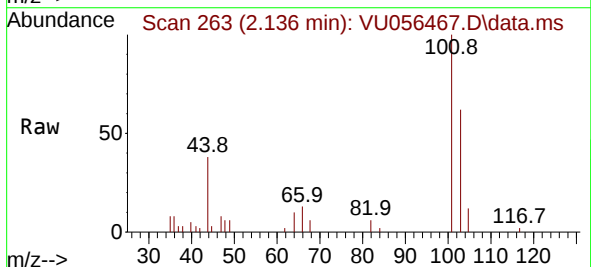
Instrument :
MSVOA_U
ClientSampleId :
C0QL1

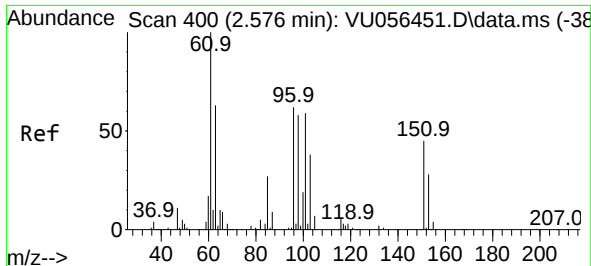
Tgt Ion: 64 Resp: 3588
Ion Ratio Lower Upper
64 100
66 23.2 23.9 44.5#



#9
Trichlorofluoromethane
Concen: 0.234 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056467.D
Acq: 18 Nov 2023 02:22

Tgt Ion:101 Resp: 7202
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0

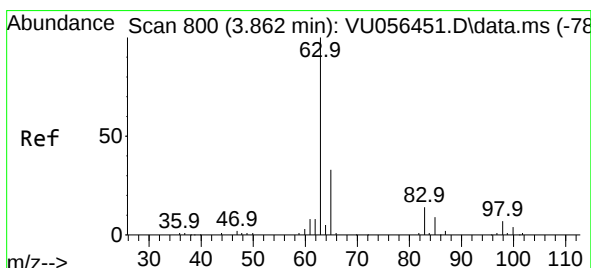
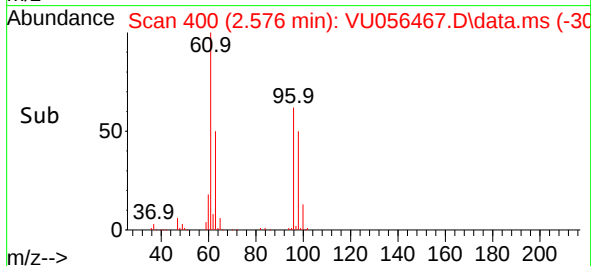
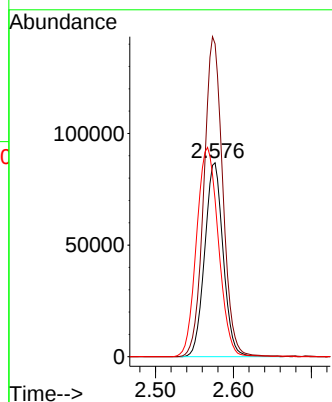
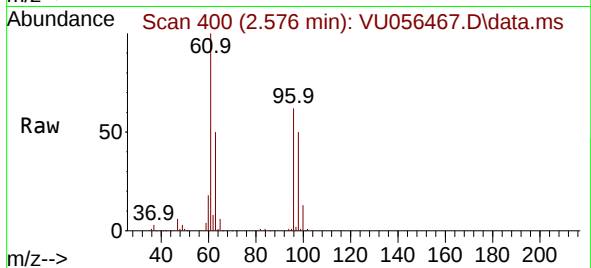




#12
 1,1-Dichloroethene
 Concen: 8.517 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056467.D
 Acq: 18 Nov 2023 02:22

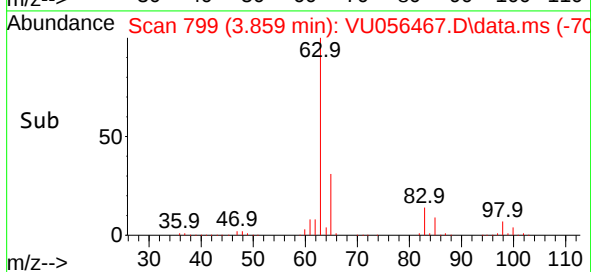
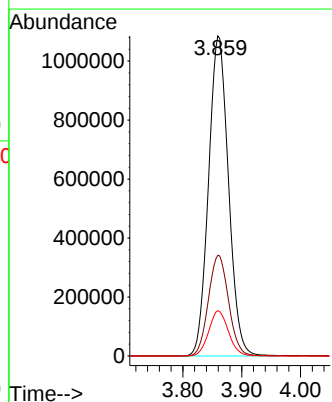
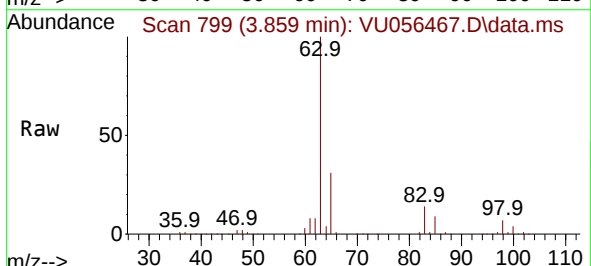
Instrument :
 MSVOA_U
 ClientSampleId :
 C0QL1

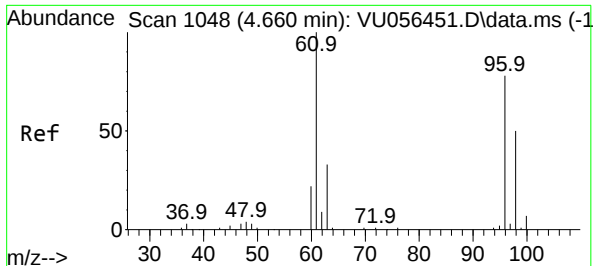
Tgt Ion: 96 Resp: 142679
 Ion Ratio Lower Upper
 96 100
 61 161.3 123.1 228.7
 63 81.0 93.3 173.3#



#19
 1,1-Dichloroethane
 Concen: 74.879 ug/L
 RT: 3.859 min Scan# 799
 Delta R.T. -0.003 min
 Lab File: VU056467.D
 Acq: 18 Nov 2023 02:22

Tgt Ion: 63 Resp: 2556636
 Ion Ratio Lower Upper
 63 100
 65 31.5 21.8 40.6
 83 14.2 9.7 17.9

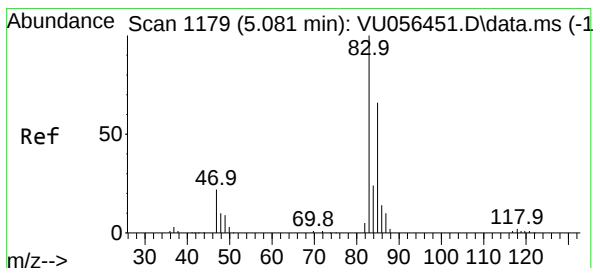
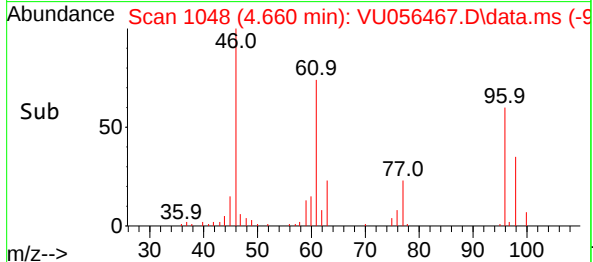
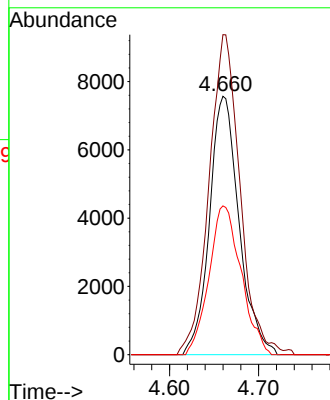
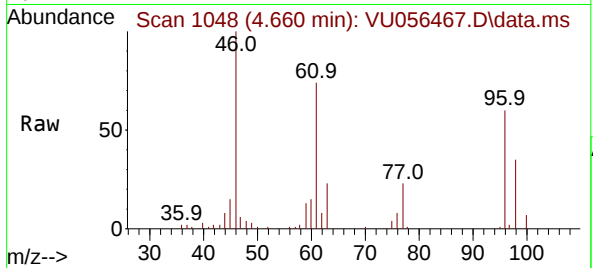




#22
 cis-1,2-Dichloroethene
 Concen: 0.893 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056467.D
 Acq: 18 Nov 2023 02:22

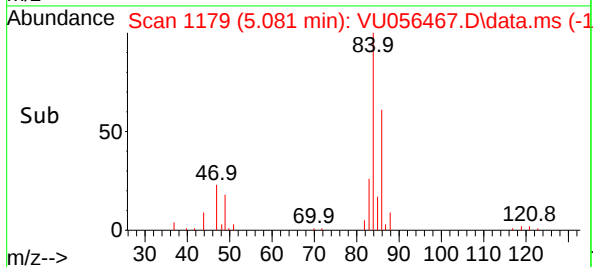
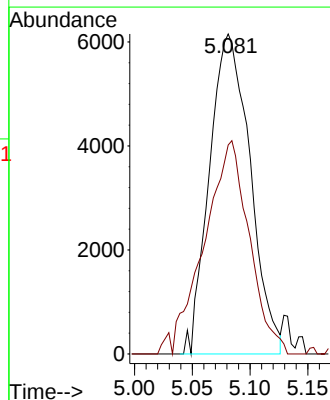
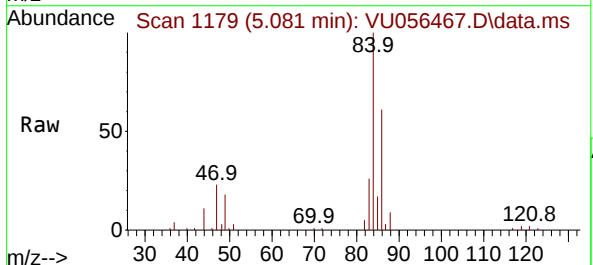
Instrument :
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 ClientSampleId :
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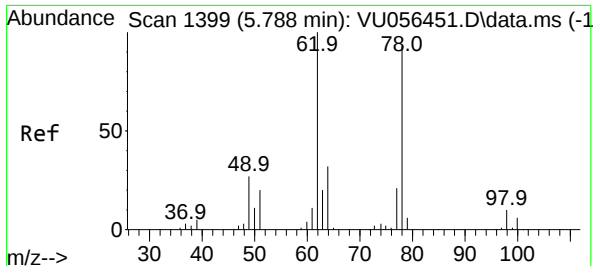
Tgt Ion: 96 Resp: 17454
 Ion Ratio Lower Upper
 96 100
 61 120.0 93.2 173.2
 98 55.8 44.8 83.2



#25
 Chloroform
 Concen: 0.407 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VU056467.D
 Acq: 18 Nov 2023 02:22

Tgt Ion: 83 Resp: 15071
 Ion Ratio Lower Upper
 83 100
 85 65.3 47.0 87.2

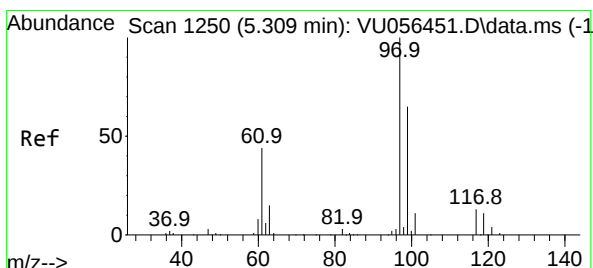
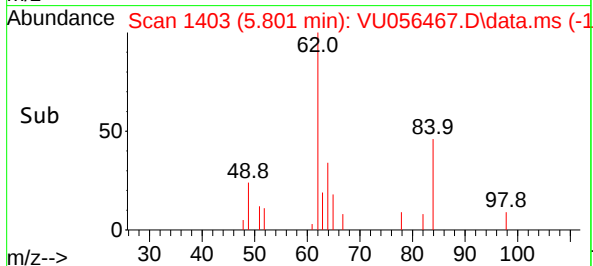
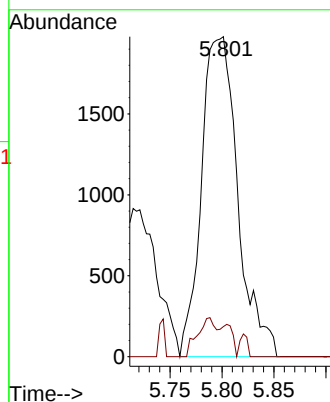
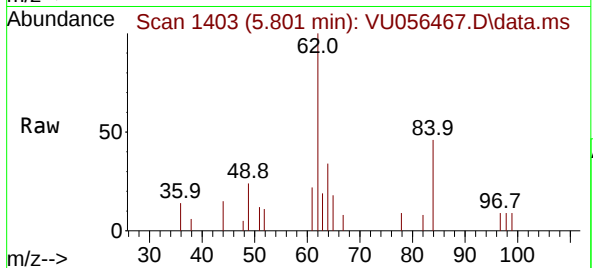




#27
1,2-Dichloroethane
Concen: 0.229 ug/L
RT: 5.801 min Scan# 1403
Delta R.T. 0.013 min
Lab File: VU056467.D
Acq: 18 Nov 2023 02:22

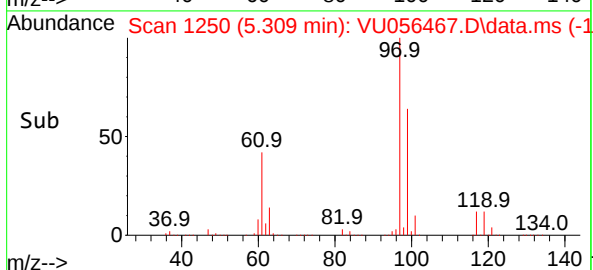
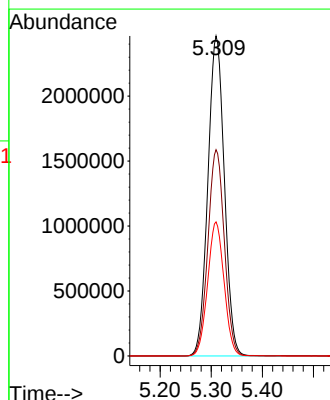
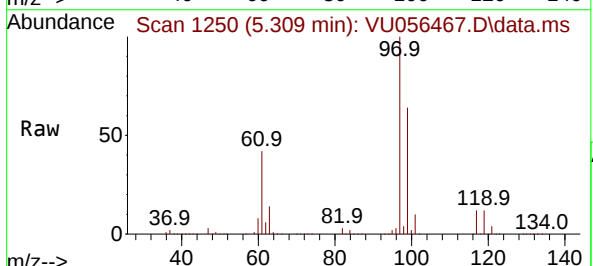
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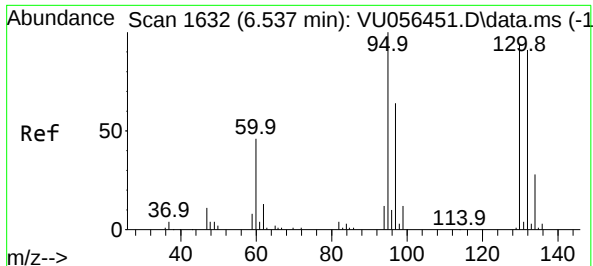
Tgt Ion: 62 Resp: 4810
Ion Ratio Lower Upper
62 100
98 9.4 6.6 10.0



#29
1,1,1-Trichloroethane
Concen: 176.663 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU056467.D
Acq: 18 Nov 2023 02:22

Tgt Ion: 97 Resp: 5513024
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 41.8 34.3 51.5





#34

Trichloroethene

Concen: 9.772 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056467.D

Acq: 18 Nov 2023 02:22

Instrument :

MSVOA_U

ClientSampleId :

C0QL1

Tgt Ion: 95 Resp: 206543

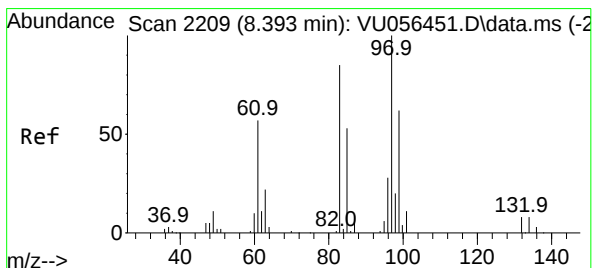
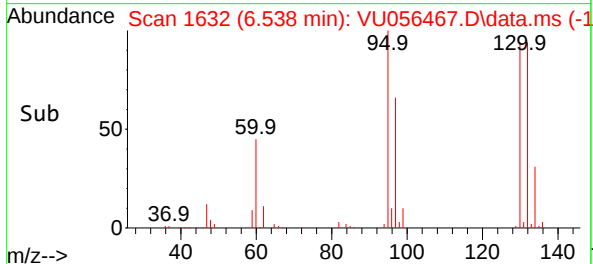
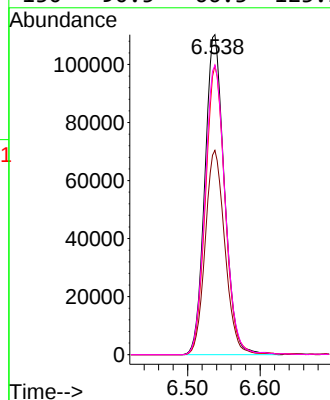
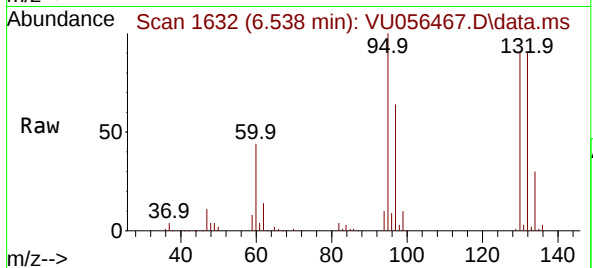
Ion Ratio Lower Upper

95 100

97 63.8 46.5 86.3

132 90.3 62.0 115.2

130 90.5 66.3 123.1



#45

1,1,2-Trichloroethane

Concen: 0.191 ug/L

RT: 8.406 min Scan# 2213

Delta R.T. 0.013 min

Lab File: VU056467.D

Acq: 18 Nov 2023 02:22

Tgt Ion: 97 Resp: 2570

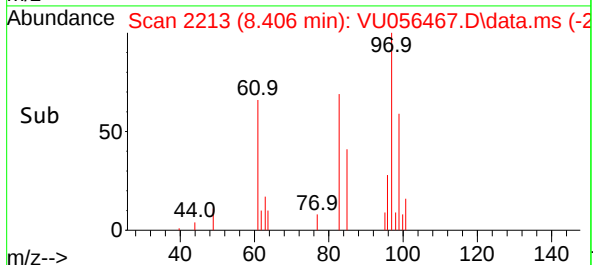
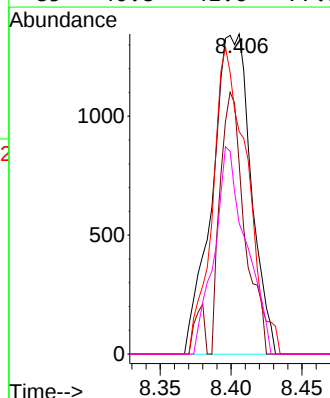
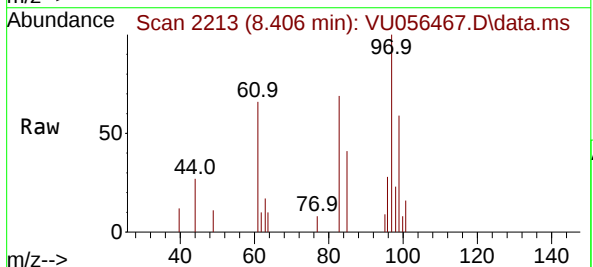
Ion Ratio Lower Upper

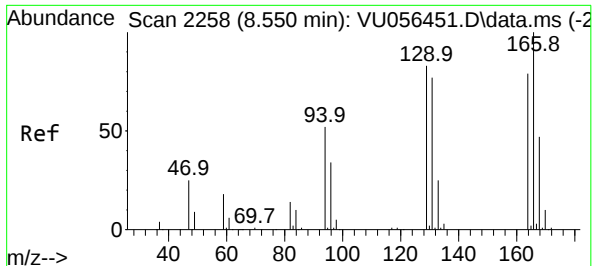
97 100

99 59.1 44.3 82.3

83 69.4 65.4 121.4

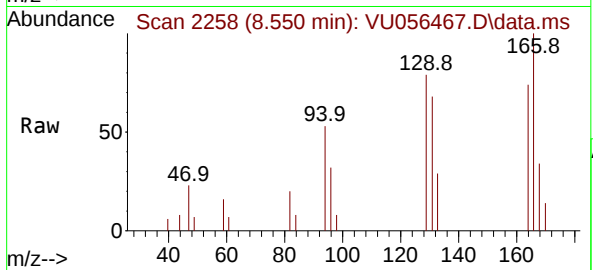
85 40.8 41.6 77.3#





#47
 Tetrachloroethene
 Concen: 0.228 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU056467.D
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 MSVOA_U
 ClientSampleId :
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Tgt Ion:	164	Resp:	3248
Ion	Ratio	Lower	Upper
164	100		
129	106.8	71.0	131.9
131	92.2	70.3	130.7
166	134.9	89.8	166.8

