

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031524\
 Data File : VU058135.D
 Acq On : 15 Mar 2024 18:19
 Operator : MD/SY
 Sample : P1779-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ2

Quant Time: Mar 15 23:32:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

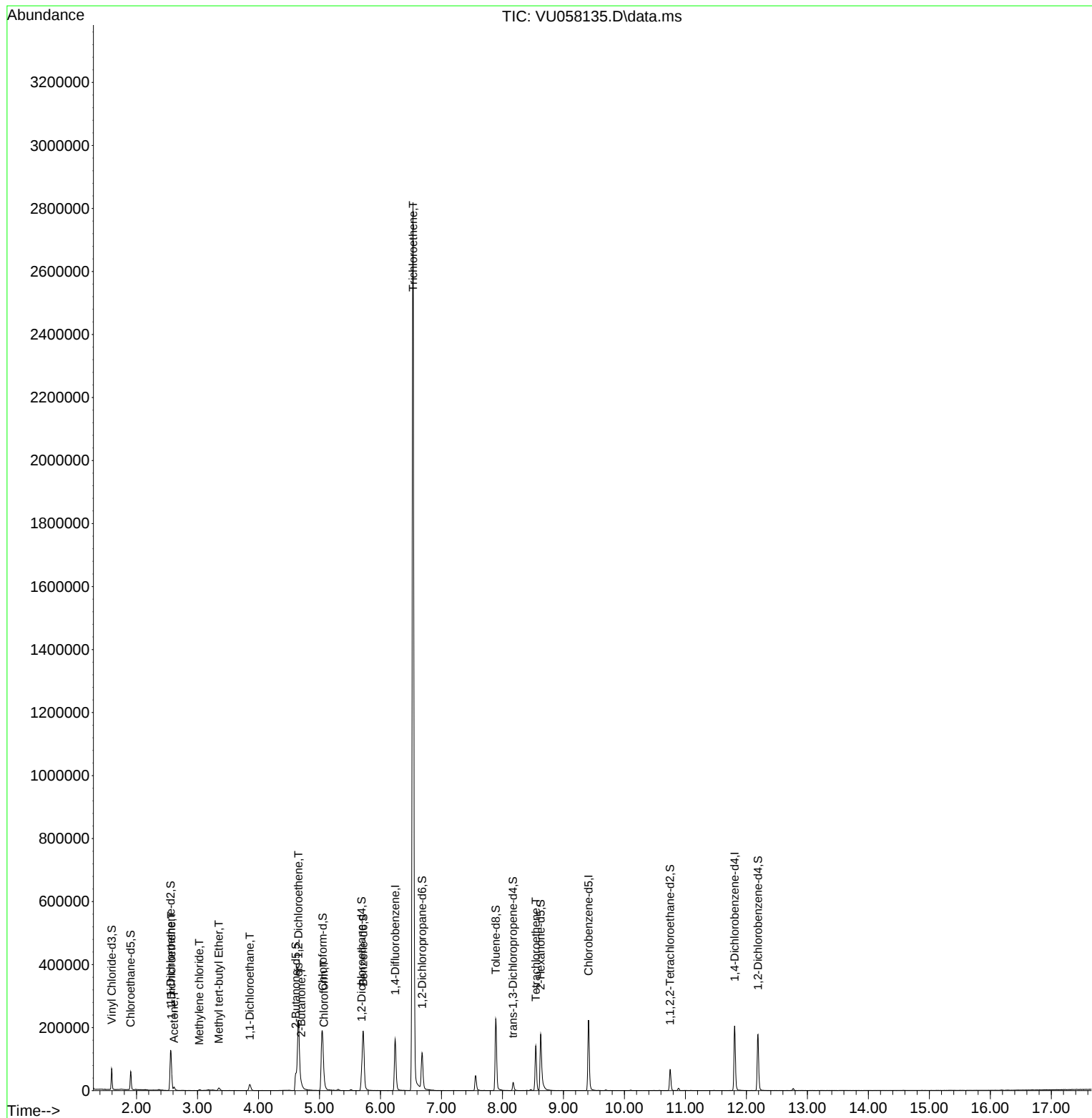
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	132840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	126700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44940	4.702	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.904	69	40435	5.147	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.560	65	20361	4.923	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.400%	
20) 2-Butanone-d5	4.612	46	83832	53.234	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.460%	
24) Chloroform-d	5.052	84	90751	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.692	65	43519	5.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.718	84	181935	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.682	67	57411	5.115	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.891	98	156673	4.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.174	79	15977	4.139	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.627	63	66762	51.516	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.040%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	34474	5.008	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	48104	5.365	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	14657	1.829	ug/L #	65
13) Acetone	2.615	43	12458	10.630	ug/L	96
16) Methylene chloride	3.030	84	1390	0.143	ug/L #	85
17) Methyl tert-butyl Ether	3.351	73	8030	0.424	ug/L	98
19) 1,1-Dichloroethane	3.859	63	23683	1.360	ug/L	95
21) 2-Butanone	4.702	43	32178	17.425	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	113777	11.847	ug/L	98
25) Chloroform	5.075	83	10180	0.573	ug/L	97
34) Trichloroethene	6.534	95	995784	97.343	ug/L	99
47) Tetrachloroethene	8.547	164	30104	4.242	ug/L	96

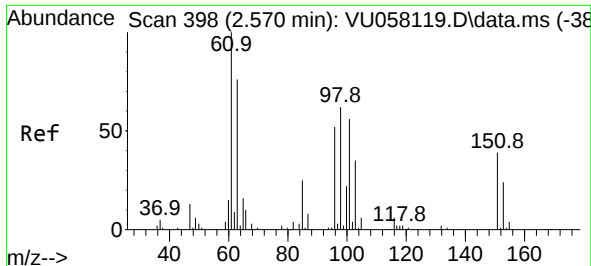
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.829 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU058135.D

Acq: 15 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

C0AJ2

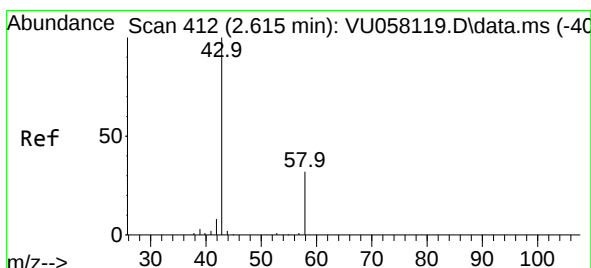
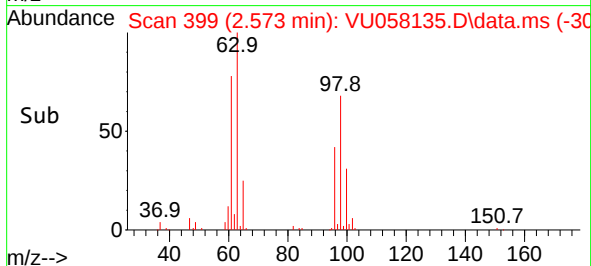
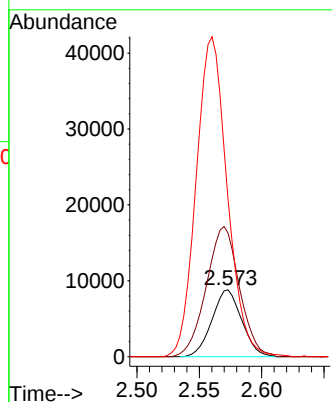
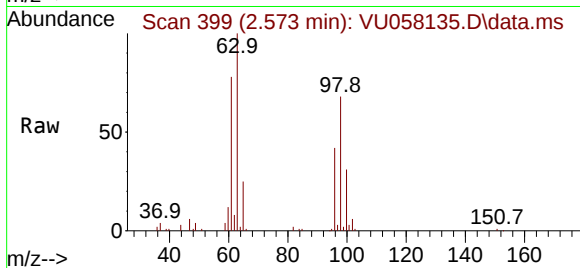
Tgt Ion: 96 Resp: 14657

Ion Ratio Lower Upper

96 100

61 184.7 131.8 244.8

63 235.4 98.1 182.1#



#13

Acetone

Concen: 10.630 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.010 min

Lab File: VU058135.D

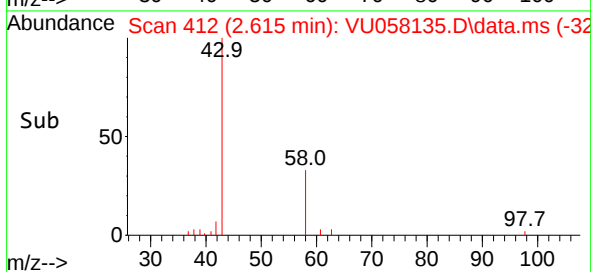
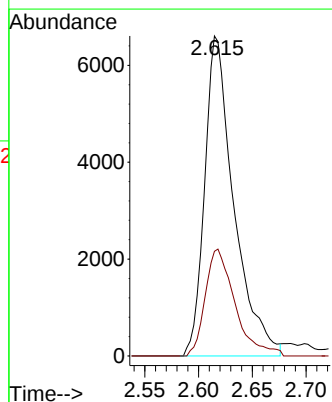
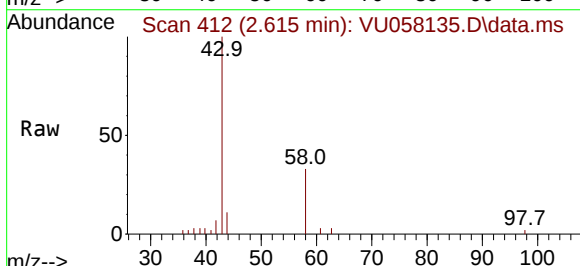
Acq: 15 Mar 2024 18:19

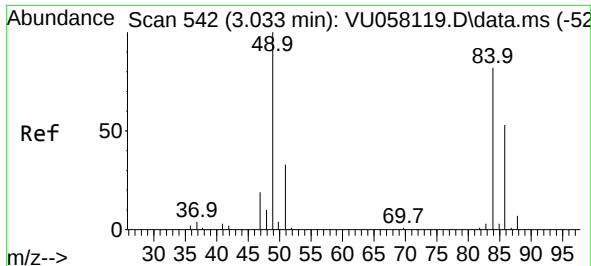
Tgt Ion: 43 Resp: 12458

Ion Ratio Lower Upper

43 100

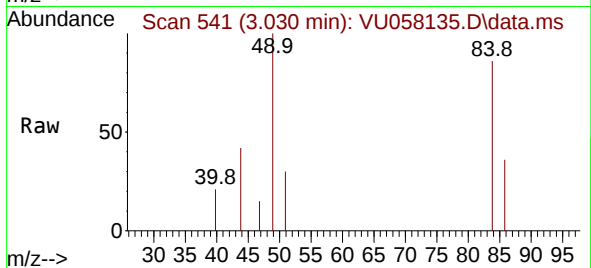
58 34.0 0.0 63.6



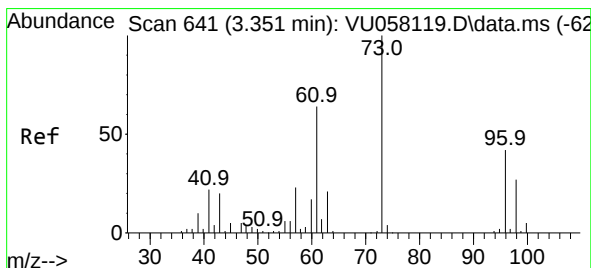
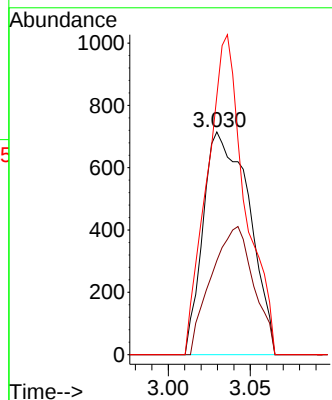
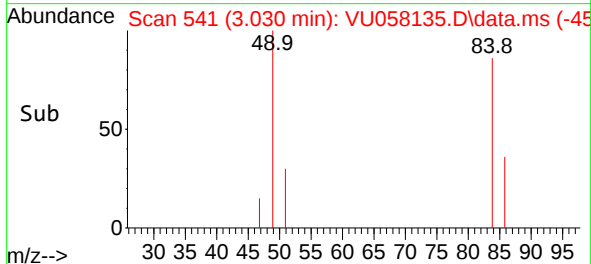


#16
Methylene chloride
Concen: 0.143 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.006 min
Lab File: VU058135.D
Acq: 15 Mar 2024 18:19

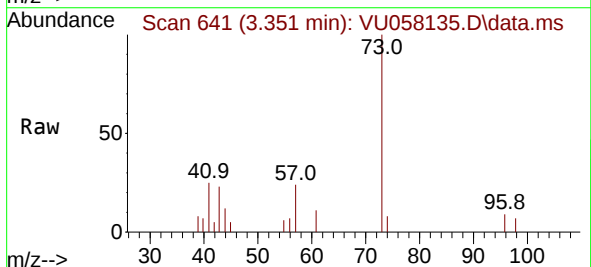
Instrument :
MSVOA_U
ClientSampleId :
C0AJ2



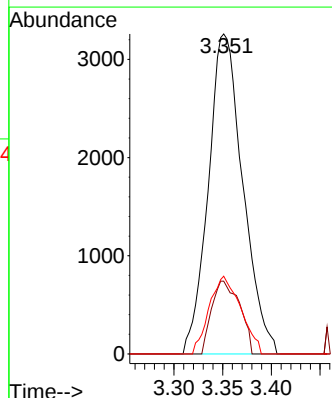
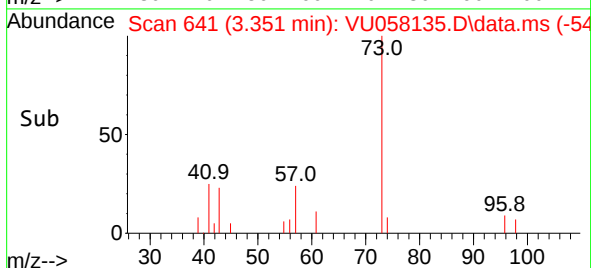
Tgt Ion: 84 Resp: 1390
Ion Ratio Lower Upper
84 100
86 42.2 44.4 82.4#
49 116.2 88.8 165.0

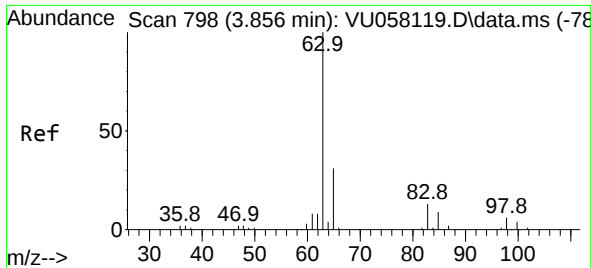


#17
Methyl tert-butyl Ether
Concen: 0.424 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058135.D
Acq: 15 Mar 2024 18:19



Tgt Ion: 73 Resp: 8030
Ion Ratio Lower Upper
73 100
43 18.4 16.2 24.4
57 22.2 17.9 26.9

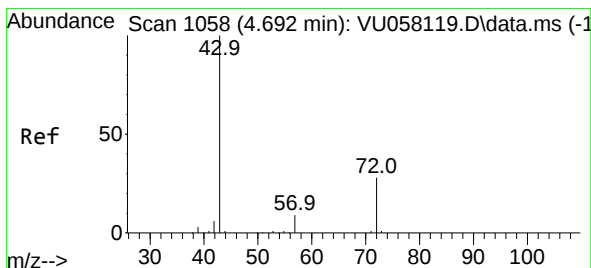
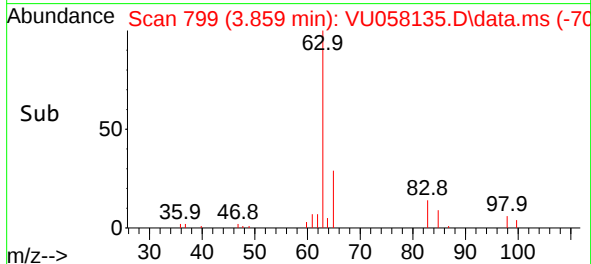
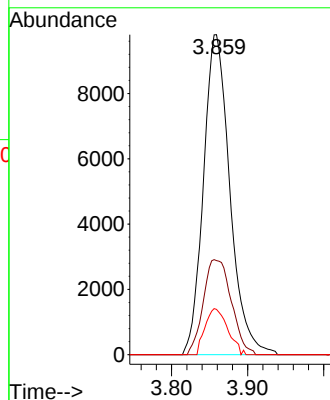
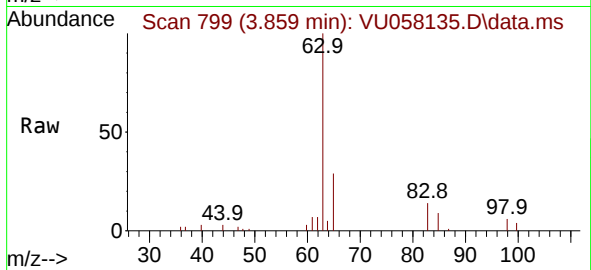




#19
1,1-Dichloroethane
Concen: 1.360 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU058135.D
Acq: 15 Mar 2024 18:19

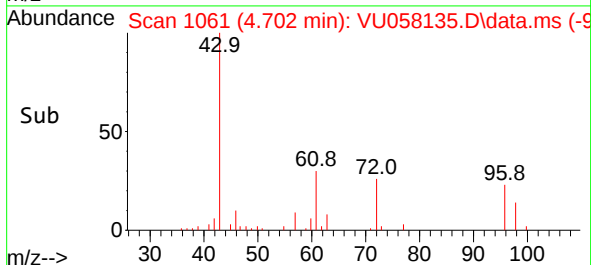
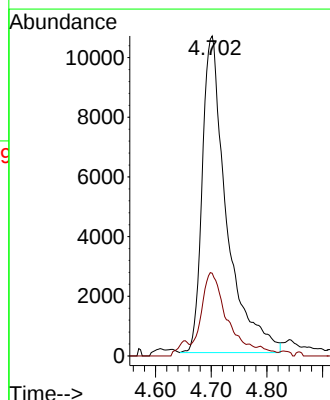
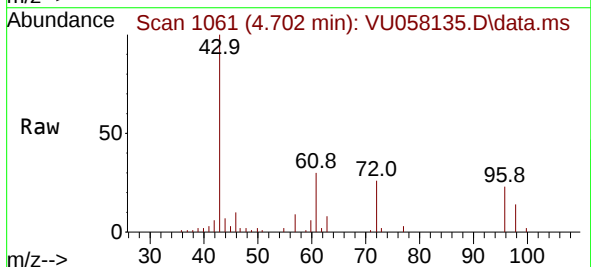
Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

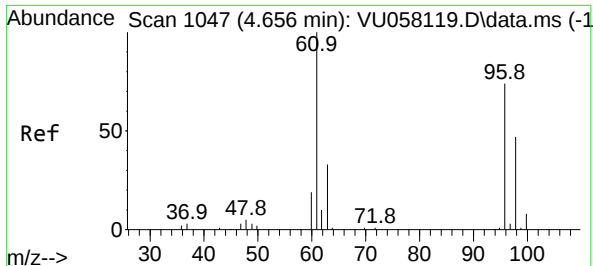
Tgt Ion: 63 Resp: 23683
Ion Ratio Lower Upper
63 100
65 28.1 22.1 41.1
83 13.5 9.0 16.6



#21
2-Butanone
Concen: 17.425 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU058135.D
Acq: 15 Mar 2024 18:19

Tgt Ion: 43 Resp: 32178
Ion Ratio Lower Upper
43 100
72 23.3 13.0 39.0

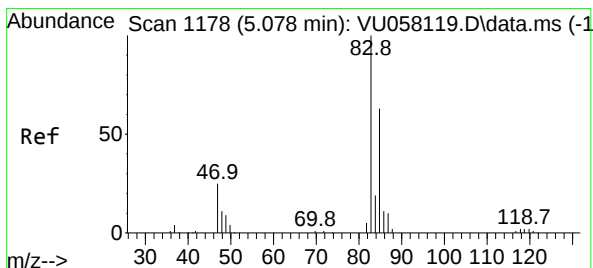
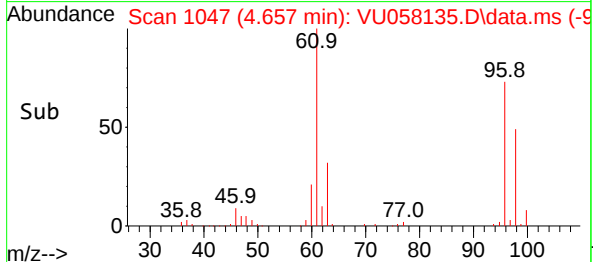
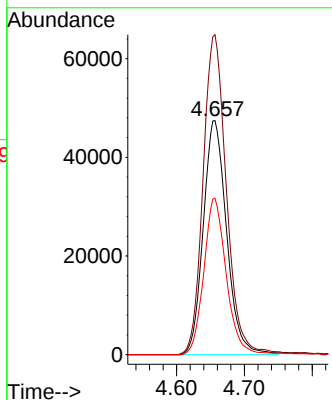
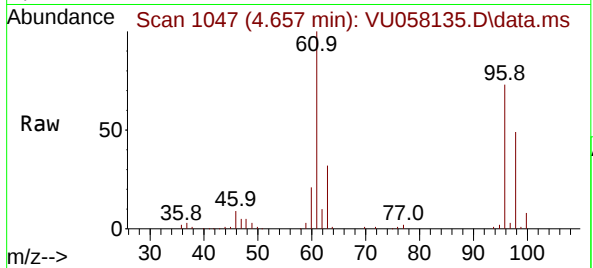




#22
cis-1,2-Dichloroethene
Concen: 11.847 ug/L
RT: 4.657 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU058135.D
Acq: 15 Mar 2024 18:19

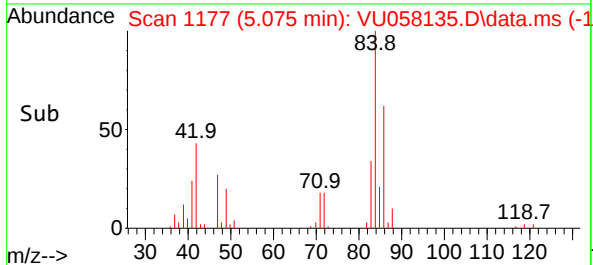
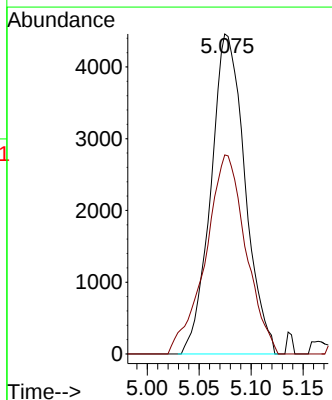
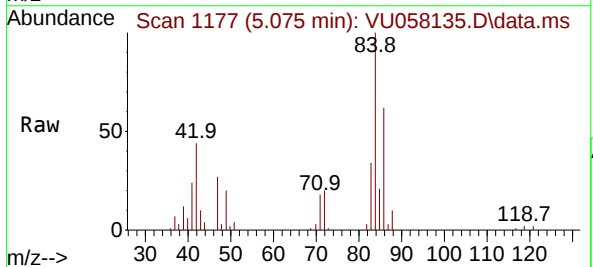
Instrument :
MSVOA_U
ClientSampleId :
C0AJ2

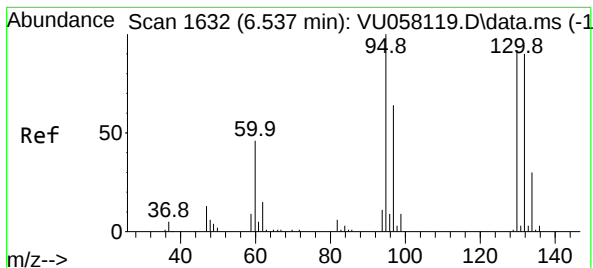
Tgt Ion: 96 Resp: 113777
Ion Ratio Lower Upper
96 100
61 136.7 97.2 180.4
98 66.8 45.5 84.5



#25
Chloroform
Concen: 0.573 ug/L
RT: 5.075 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU058135.D
Acq: 15 Mar 2024 18:19

Tgt Ion: 83 Resp: 10180
Ion Ratio Lower Upper
83 100
85 62.2 45.4 84.4





#34

Trichloroethene

Concen: 97.343 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058135.D

Acq: 15 Mar 2024 18:19

Instrument :

MSVOA_U

ClientSampleId :

C0AJ2

Tgt Ion: 95 Resp: 995784

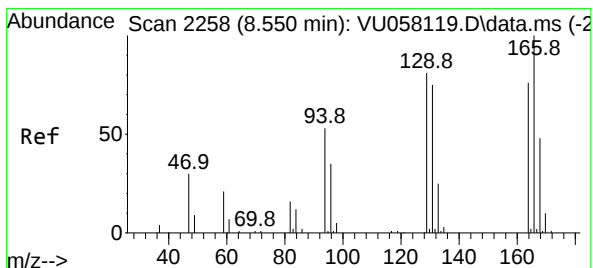
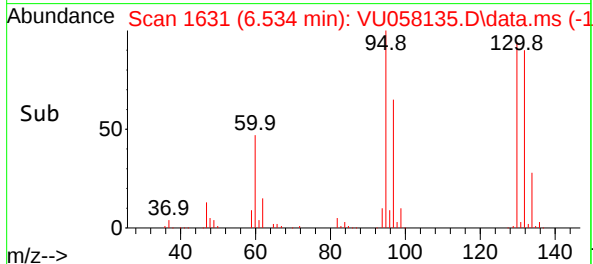
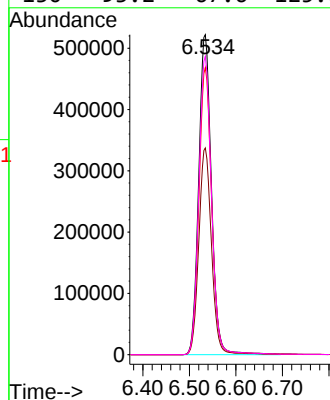
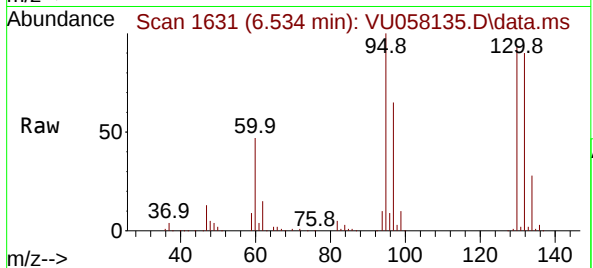
Ion Ratio Lower Upper

95 100

97 64.6 45.3 84.1

132 89.7 63.1 117.1

130 93.2 67.6 125.6



#47

Tetrachloroethene

Concen: 4.242 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU058135.D

Acq: 15 Mar 2024 18:19

Tgt Ion:164 Resp: 30104

Ion Ratio Lower Upper

164 100

129 104.7 69.3 128.7

131 103.4 69.9 129.9

166 131.2 90.1 167.3

