

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057519.D
 Acq On : 15 Jan 2024 10:59
 Operator : MD/SY
 Sample : P1120-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:33:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

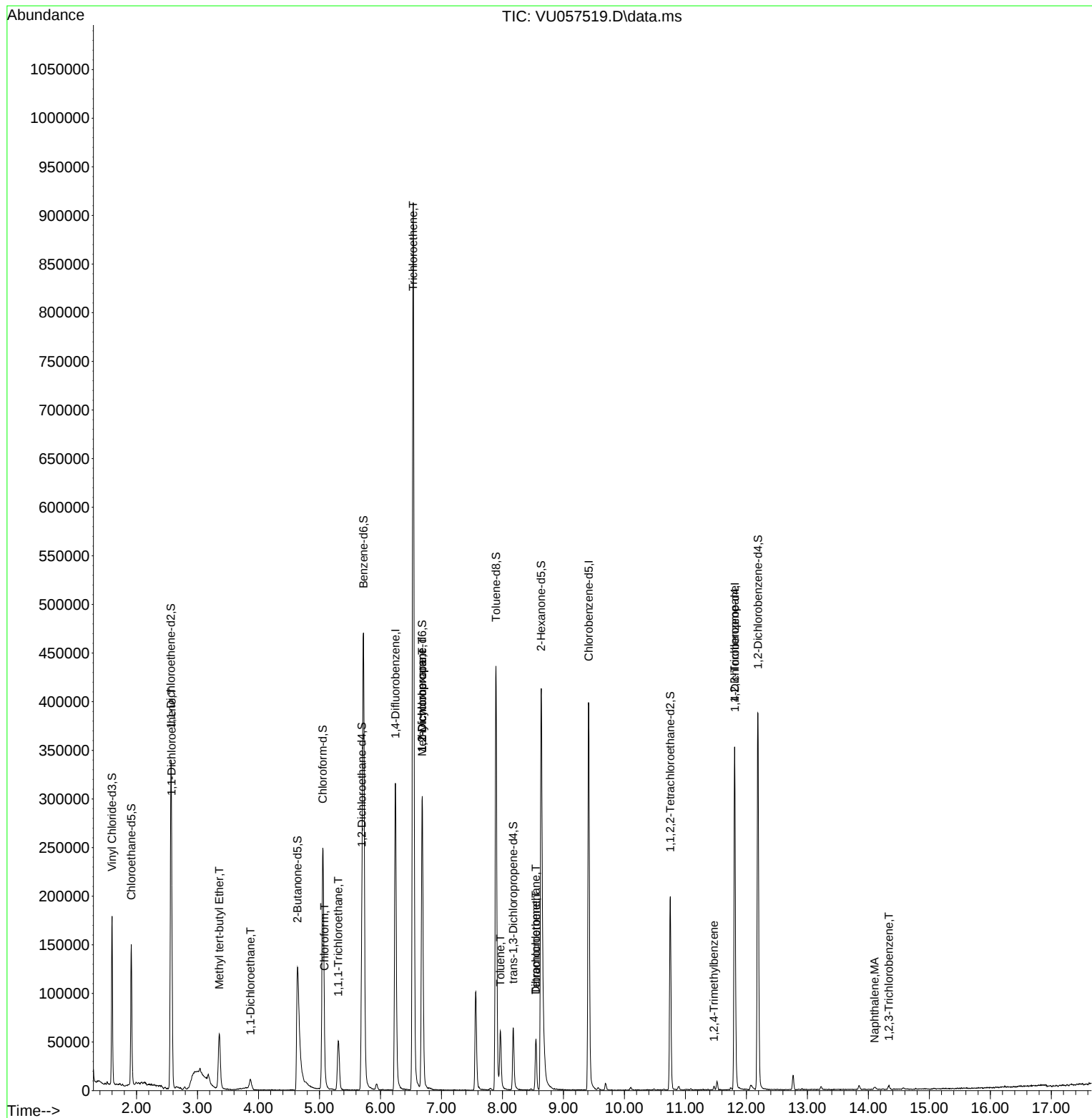
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	220757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	91250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	125528	4.893	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.800%	
7) Chloroethane-d5	1.914	69	108868	5.453	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.000%	
11) 1,1-Dichloroethene-d2	2.563	65	54062	4.983	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.600%	
20) 2-Butanone-d5	4.640	46	262877	54.168	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.340%	
24) Chloroform-d	5.055	84	236516	5.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.800%	
26) 1,2-Dichloroethane-d4	5.695	65	122907	5.757	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.200%	
32) Benzene-d6	5.721	84	444733	5.523	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.400%	
36) 1,2-Dichloropropane-d6	6.685	67	148348	5.910	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	118.200%	
41) Toluene-d8	7.894	98	290647	4.276	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.177	79	37425	4.288	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.634	63	137814	43.612	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.220%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100689	5.938	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	118.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	100732	5.497	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	38583	2.611	ug/L #	54
17) Methyl tert-butyl Ether	3.357	73	60759	1.658	ug/L	98
19) 1,1-Dichloroethane	3.869	63	10315	0.312	ug/L #	97
25) Chloroform	5.081	83	6371	0.186	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	36774	1.350	ug/L	98
34) Trichloroethene	6.537	95	330593	19.403	ug/L	99
35) Methylcyclohexane	6.682	83	35191	1.554	ug/L #	15
37) 1,2-Dichloropropane	6.685	63	16391	0.891	ug/L #	90
42) Toluene	7.965	91	43301	0.677	ug/L	97
47) Tetrachloroethene	8.550	164	10689	0.945	ug/L	96
49) Dibromochloromethane	8.550	129	11195	0.879	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	12785	1.497	ug/L #	69
63) 1,2,4-Trimethylbenzene	11.470	105	2183	0.052	ug/L	93
71) Naphthalene	14.103	128	3315	0.202	ug/L #	73
72) 1,2,3-Trichlorobenzene	14.338	180	1568	0.163	ug/L	97

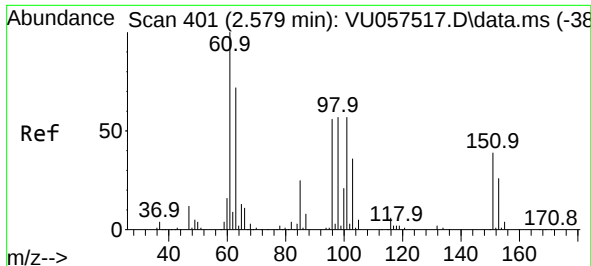
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 00:31:32 2024
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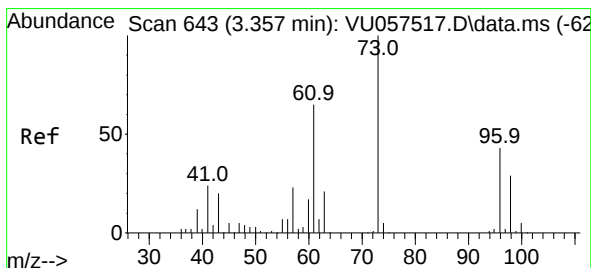
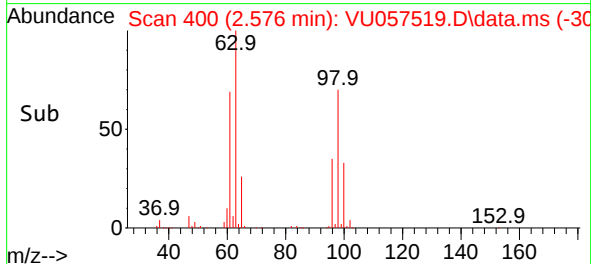
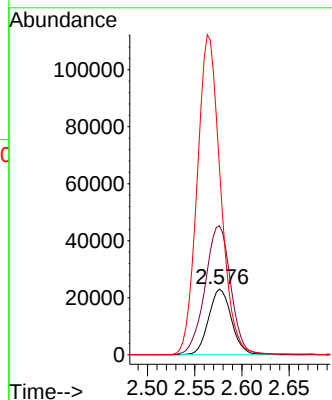
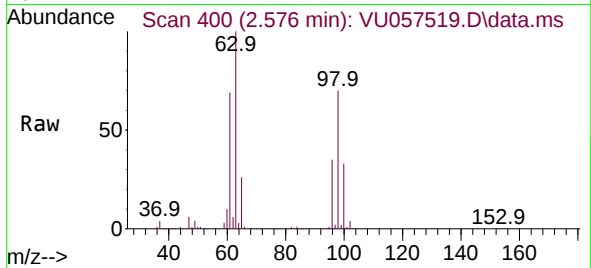




#12
1,1-Dichloroethene
Concen: 2.611 ug/L
RT: 2.576 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

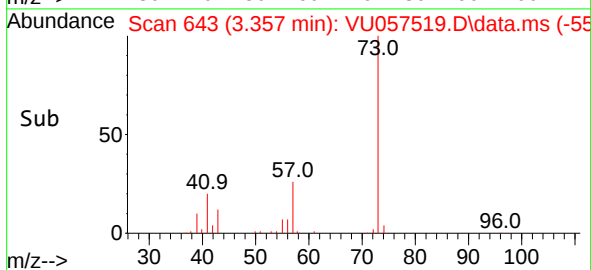
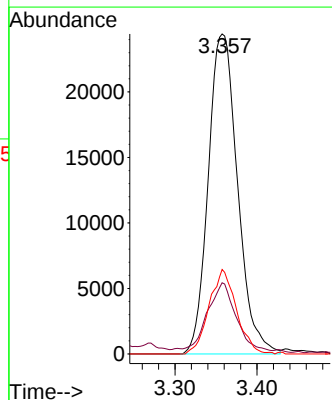
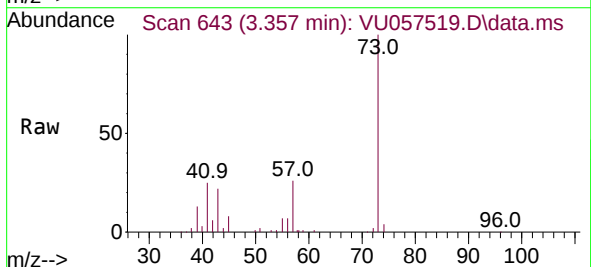
Instrument :
MSVOA_U
ClientSampleId :

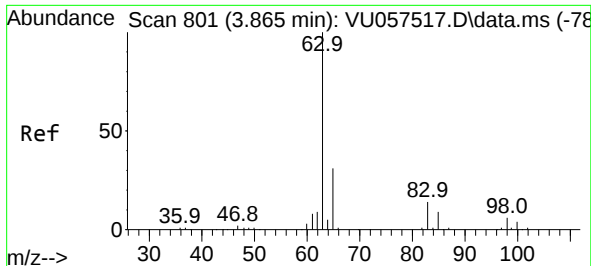
Tgt Ion: 96 Resp: 38583
Ion Ratio Lower Upper
96 100
61 196.7 130.9 243.1
63 287.0 114.8 213.2#



#17
Methyl tert-butyl Ether
Concen: 1.658 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

Tgt Ion: 73 Resp: 60759
Ion Ratio Lower Upper
73 100
43 20.0 16.1 24.1
57 24.6 18.2 27.4





#19

1,1-Dichloroethane

Concen: 0.312 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU057519.D

Acq: 15 Jan 2024 10:59

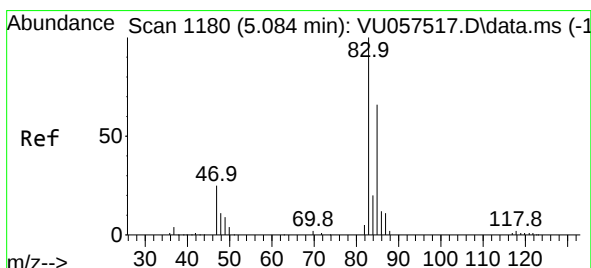
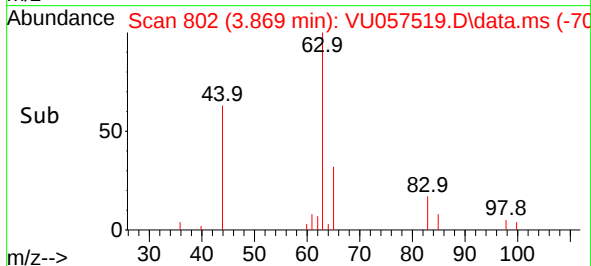
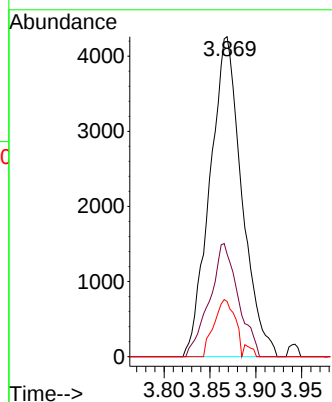
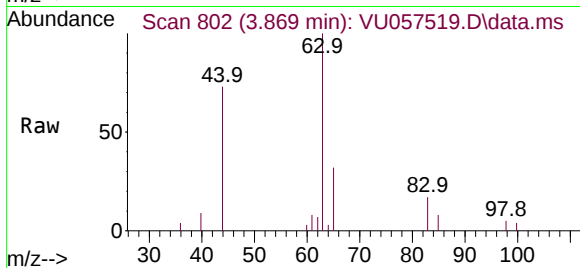
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63 Resp: 10315

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.3	41.3
83	17.2	9.1	16.9



#25

Chloroform

Concen: 0.186 ug/L

RT: 5.081 min Scan# 1179

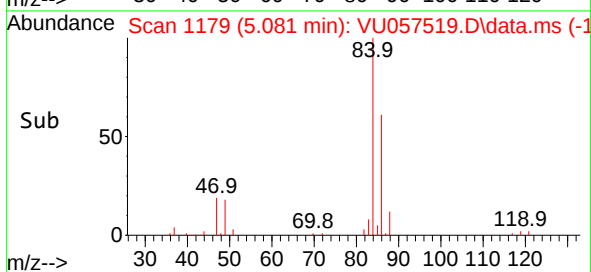
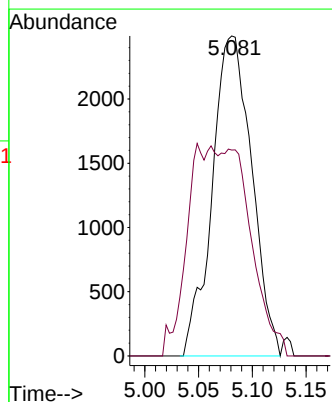
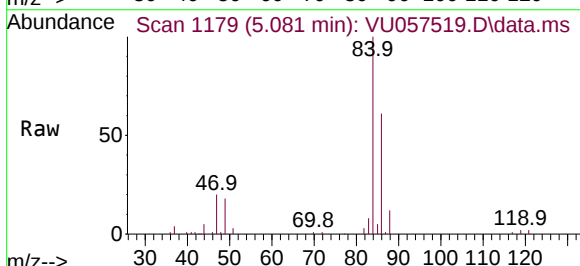
Delta R.T. -0.003 min

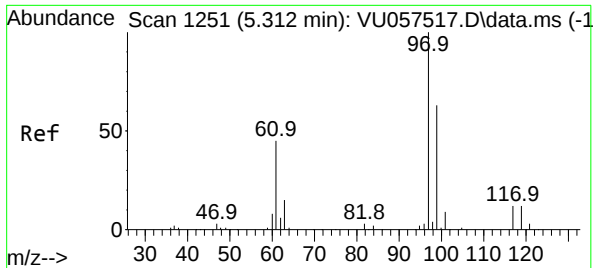
Lab File: VU057519.D

Acq: 15 Jan 2024 10:59

Tgt Ion: 83 Resp: 6371

Ion	Ratio	Lower	Upper
83	100		
85	64.4	46.7	86.7

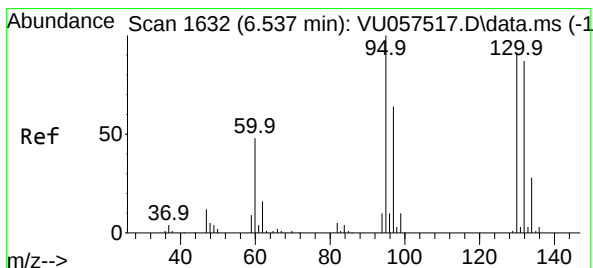
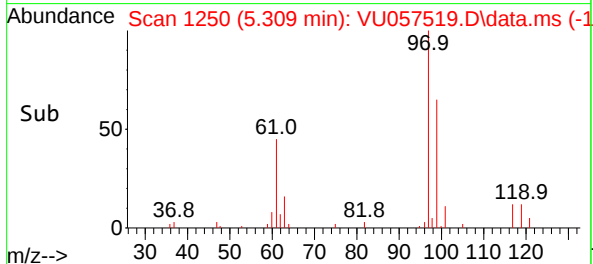
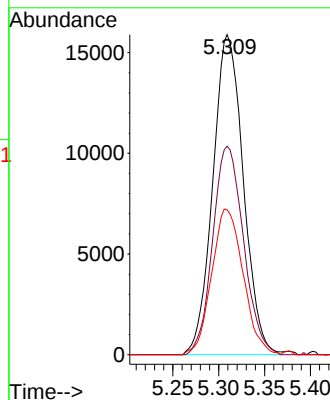
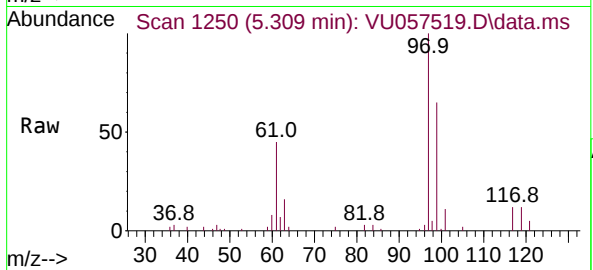




#29
1,1,1-Trichloroethane
Concen: 1.350 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

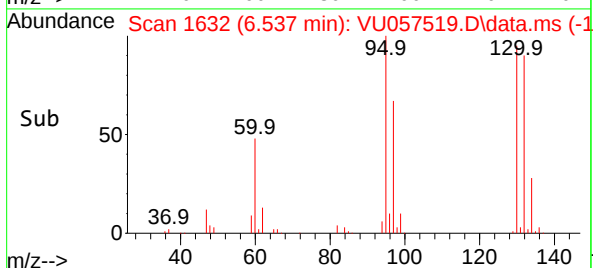
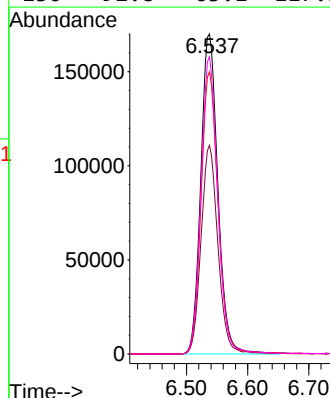
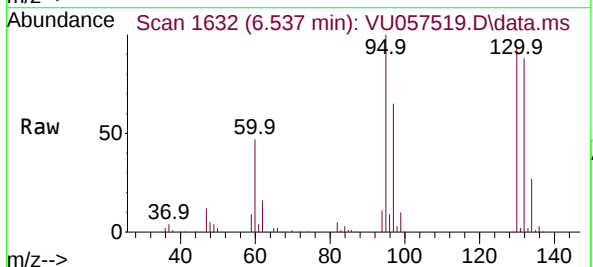
Instrument :
MSVOA_U
ClientSampleId :

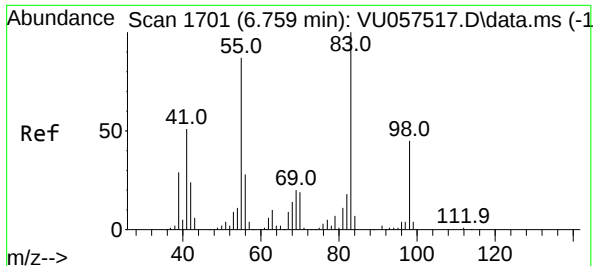
Tgt Ion: 97 Resp: 36774
Ion Ratio Lower Upper
97 100
99 65.9 51.4 77.0
61 46.9 36.9 55.3



#34
Trichloroethene
Concen: 19.403 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

Tgt Ion: 95 Resp: 330593
Ion Ratio Lower Upper
95 100
97 65.2 45.0 83.6
132 88.1 61.7 114.5
130 92.8 63.1 117.3

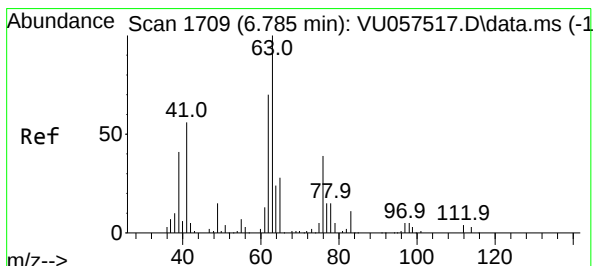
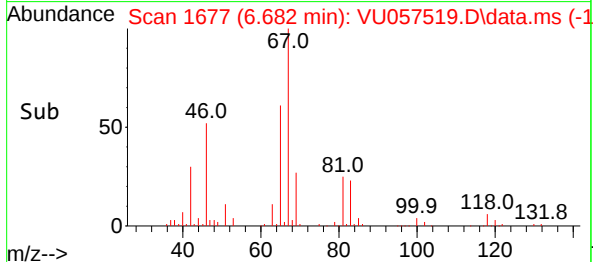
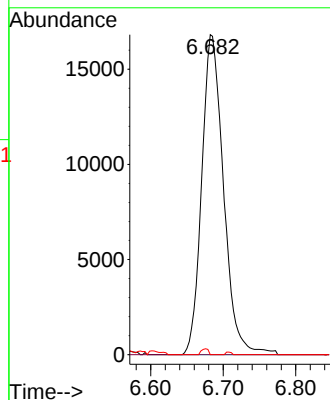
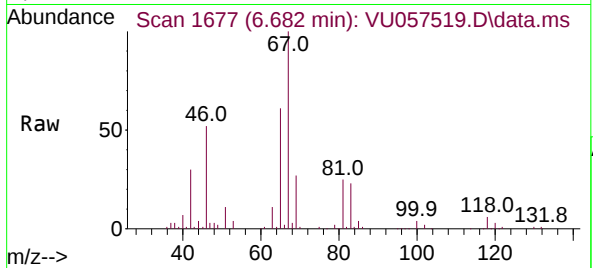




#35
Methylcyclohexane
Concen: 1.554 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

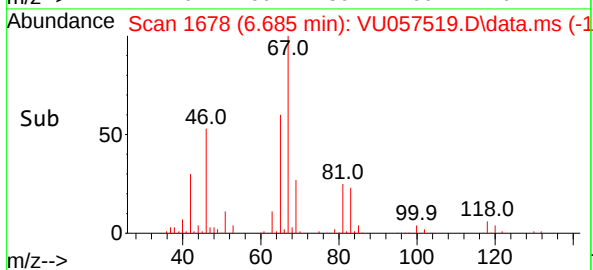
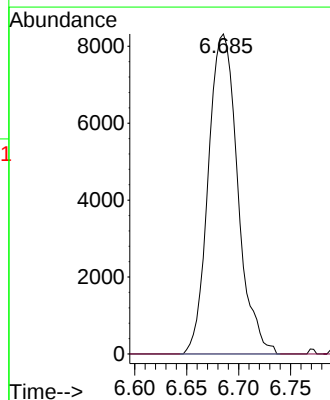
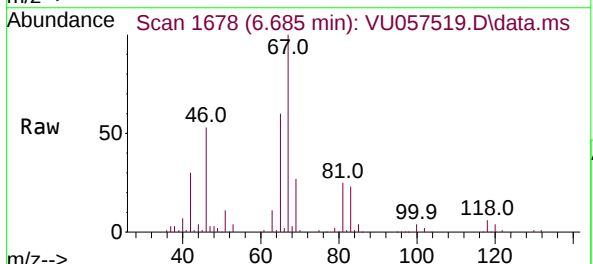
Instrument :
MSVOA_U
ClientSampleId :

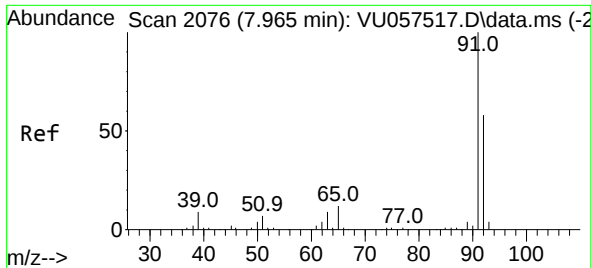
Tgt Ion: 83 Resp: 35191
Ion Ratio Lower Upper
83 100
55 0.0 68.7 103.1#
98 0.0 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.891 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

Tgt Ion: 63 Resp: 16391
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#42

Toluene

Concen: 0.677 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057519.D

Acq: 15 Jan 2024 10:59

Instrument :

MSVOA_U

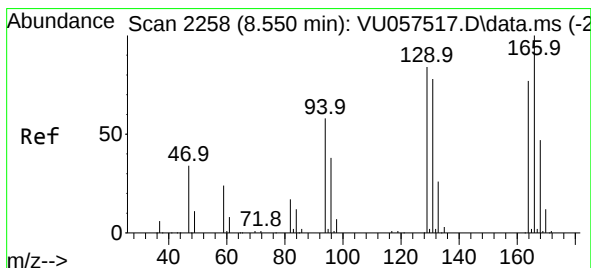
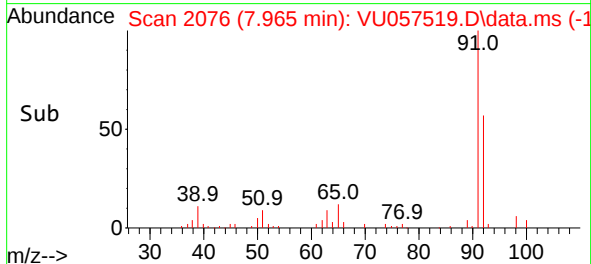
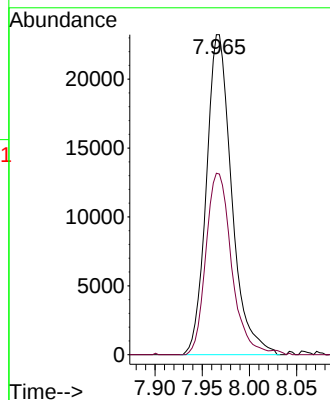
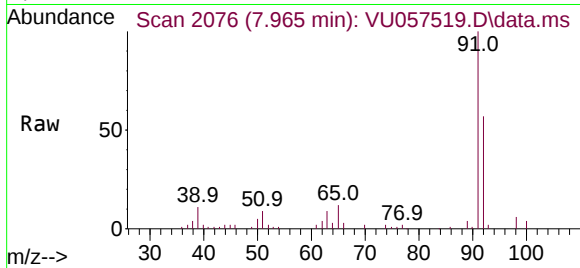
ClientSampleId :

Tgt Ion: 91 Resp: 43301

Ion Ratio Lower Upper

91 100

92 56.7 41.2 76.4



#47

Tetrachloroethene

Concen: 0.945 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU057519.D

Acq: 15 Jan 2024 10:59

Tgt Ion: 164 Resp: 10689

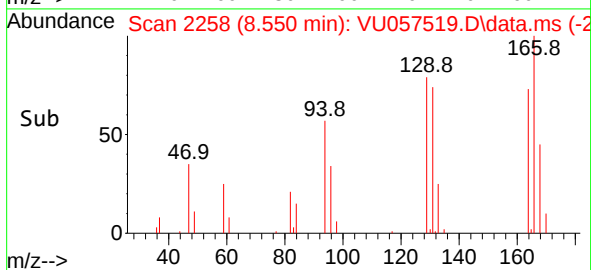
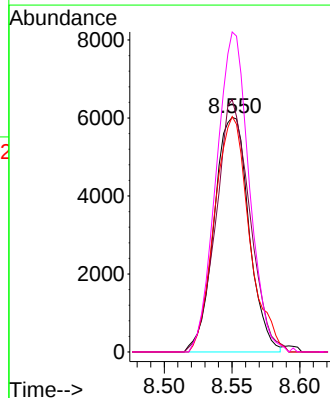
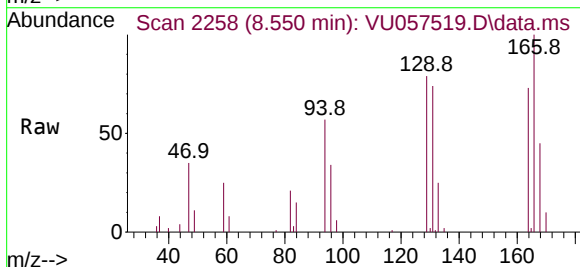
Ion Ratio Lower Upper

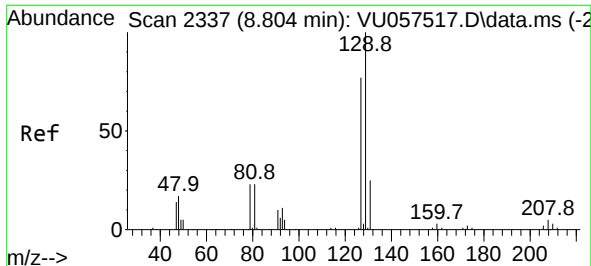
164 100

129 107.5 74.8 138.8

131 100.3 70.3 130.7

166 136.4 88.3 163.9





#49

Dibromochloromethane

Concen: 0.879 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU057519.D

Acq: 15 Jan 2024 10:59

Instrument :

MSVOA_U

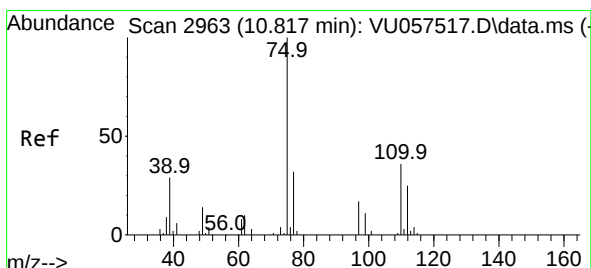
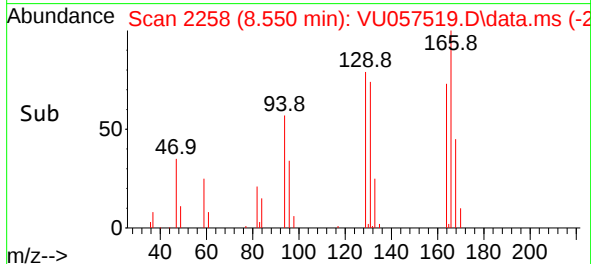
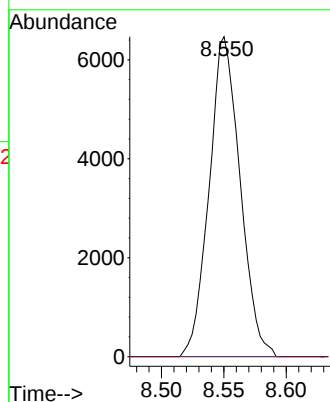
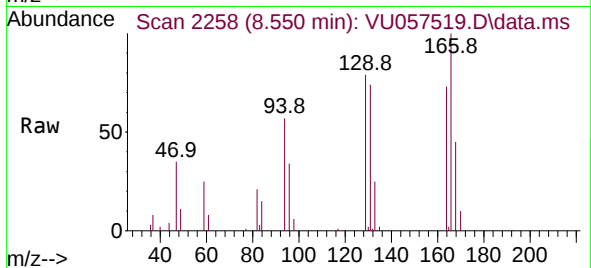
ClientSampleId :

Tgt Ion:129 Resp: 11195

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.497 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057519.D

Acq: 15 Jan 2024 10:59

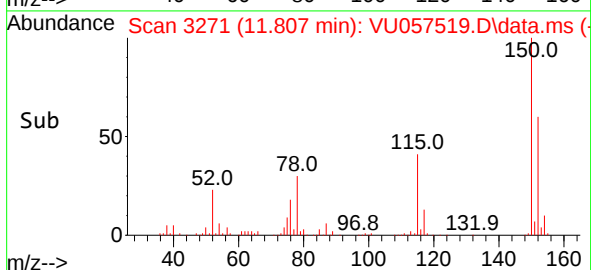
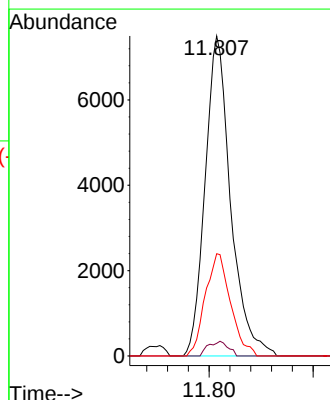
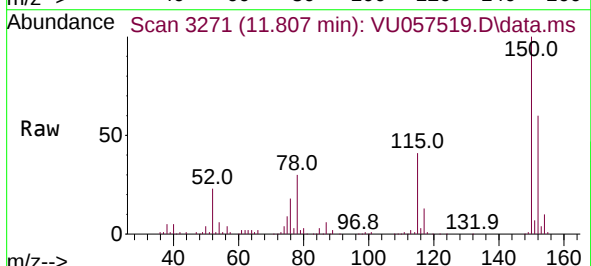
Tgt Ion: 75 Resp: 12785

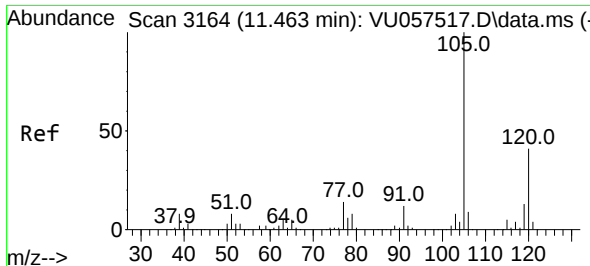
Ion Ratio Lower Upper

75 100

110 3.6 29.4 44.0#

77 31.5 26.2 39.4

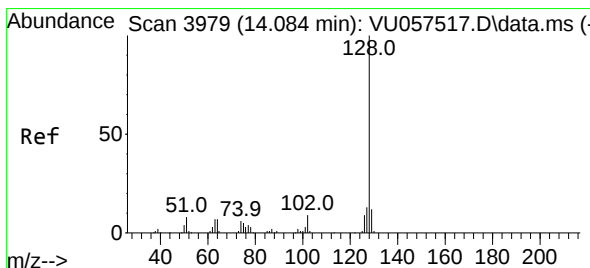
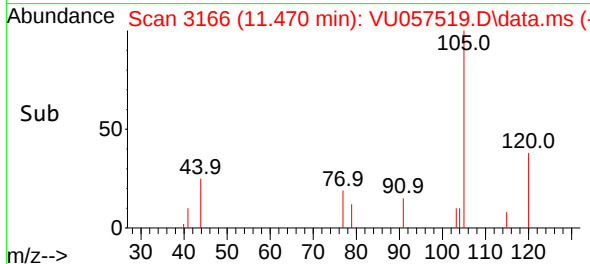
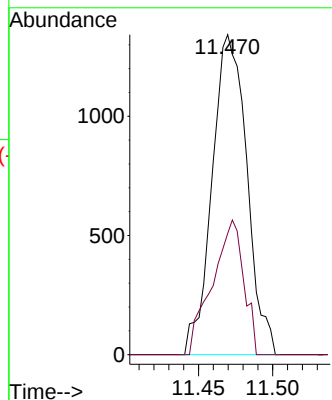
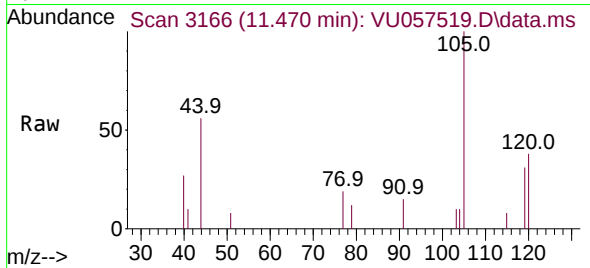




#63
1,2,4-Trimethylbenzene
Concen: 0.052 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.006 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

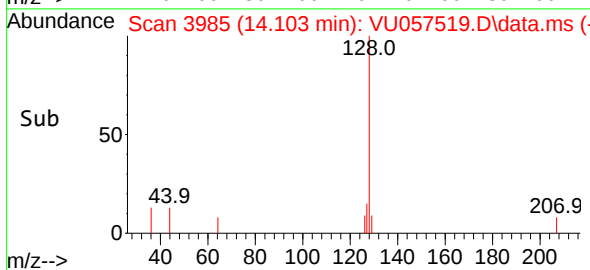
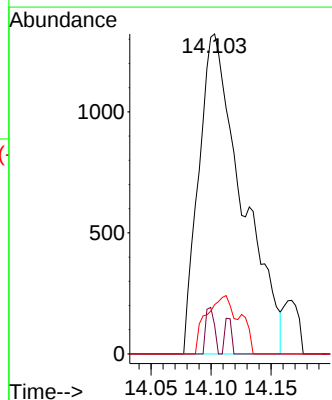
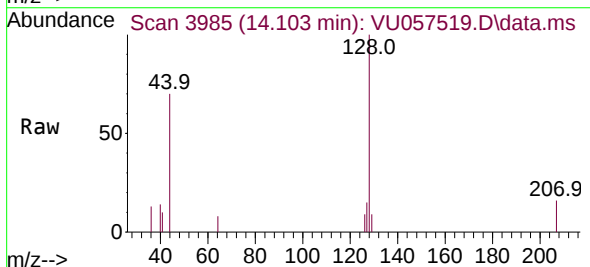
Instrument :
MSVOA_U
ClientSampleId :

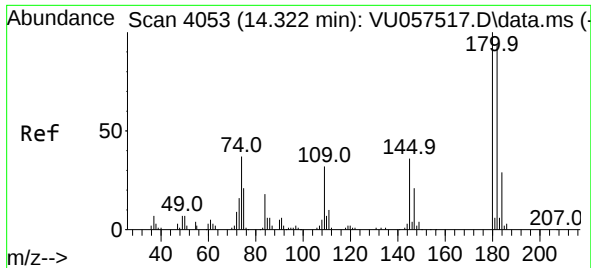
Tgt Ion:105 Resp: 2183
Ion Ratio Lower Upper
105 100
120 38.0 33.8 50.8



#71
Naphthalene
Concen: 0.202 ug/L
RT: 14.103 min Scan# 3985
Delta R.T. 0.019 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

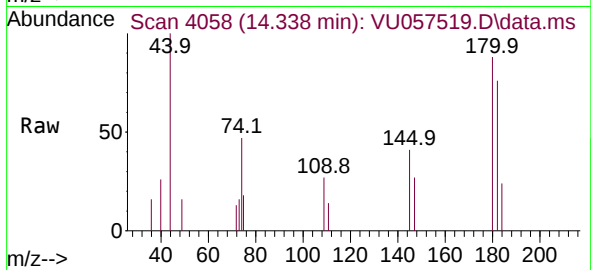
Tgt Ion:128 Resp: 3315
Ion Ratio Lower Upper
128 100
129 2.9 8.5 12.7#
127 0.0 10.5 15.7#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.163 ug/L
 RT: 14.338 min Scan# 4058
 Delta R.T. 0.016 min
 Lab File: VU057519.D
 Acq: 15 Jan 2024 10:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1568
Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.0	115.6
145	34.4	30.0	45.0

