

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 :
 BGWG1

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)

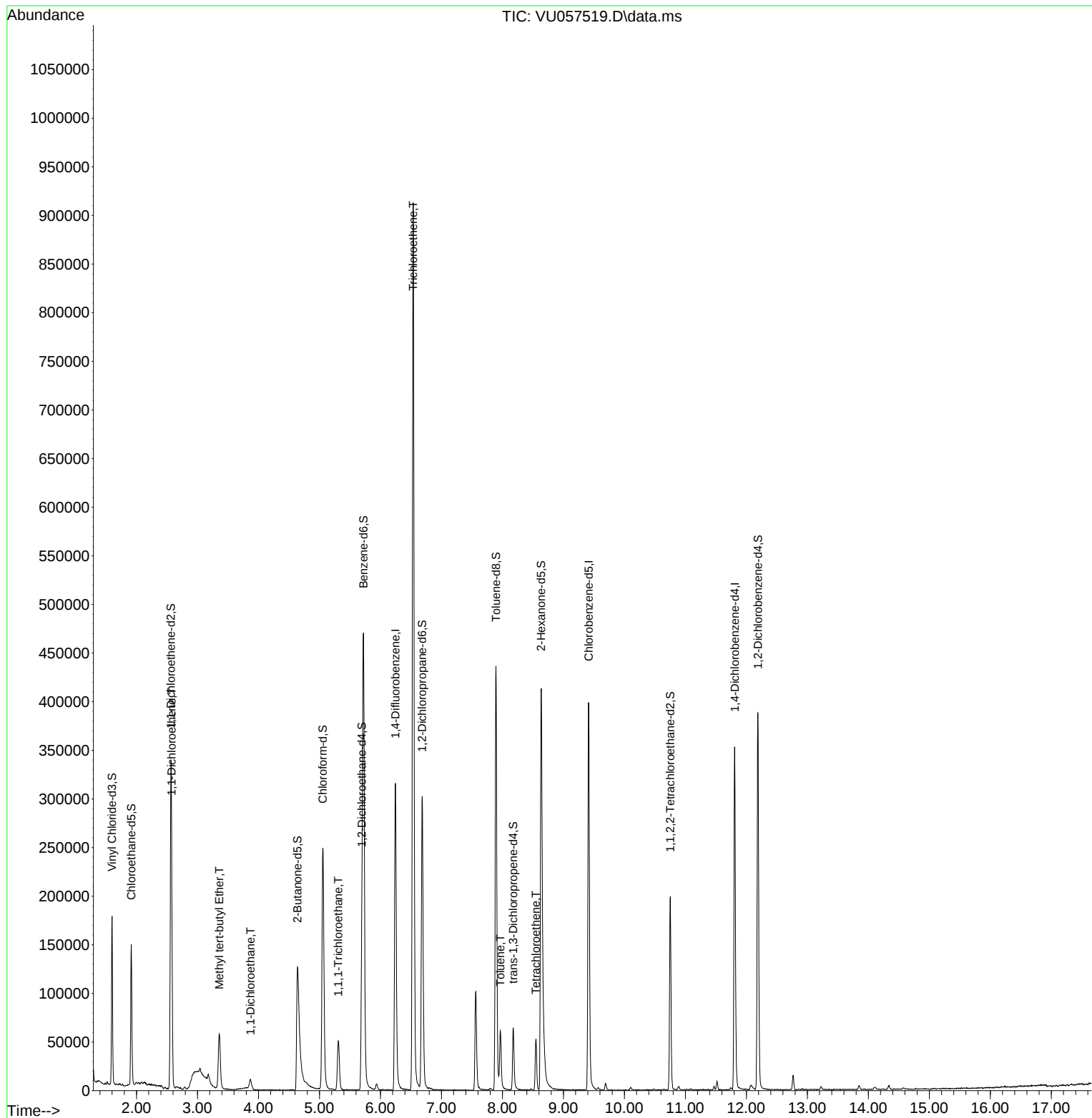
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	220757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	91250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	125528	4.893	ug/L	0.00
Spiked Amount	5.000	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
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
42) Toluene	7.965	91	43301	0.677	ug/L	97
47) Tetrachloroethene	8.550	164	10689	0.945	ug/L	96

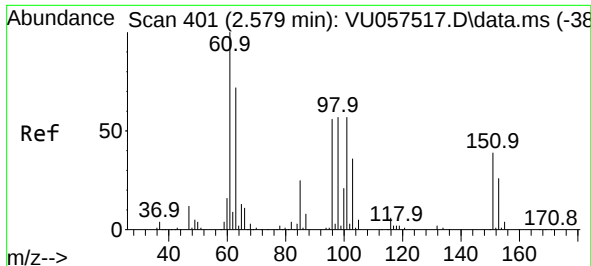
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGWG1

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

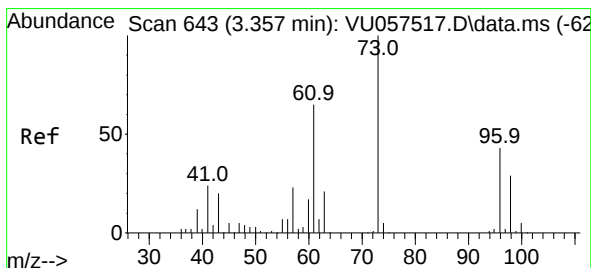
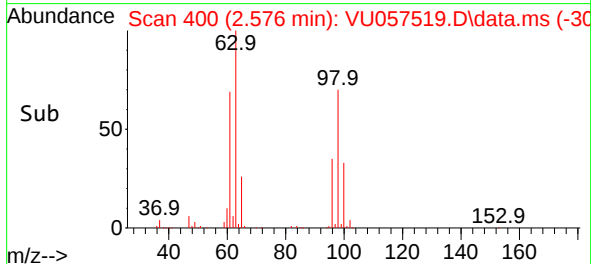
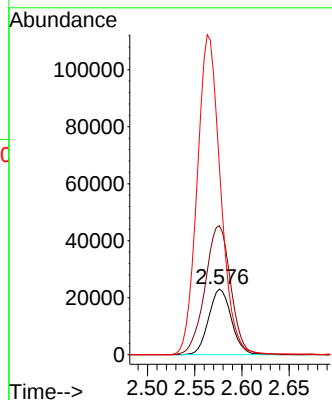
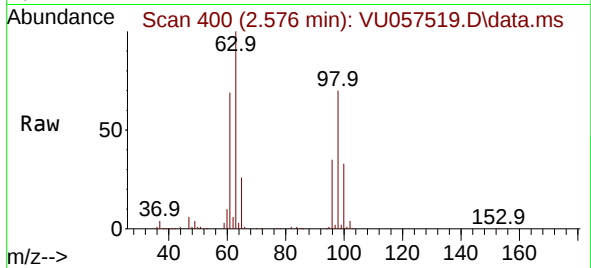




#12
1,1-Dichloroethene
Concen: 2.611 ug/L
RT: 2.576 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

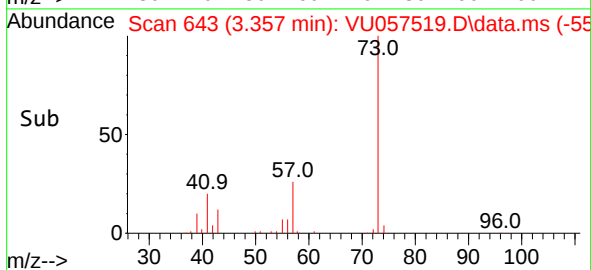
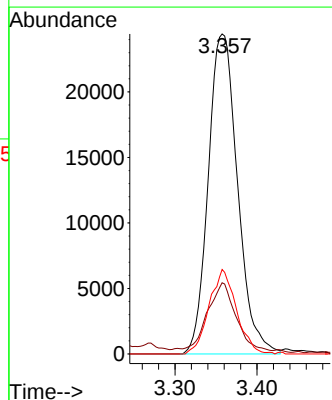
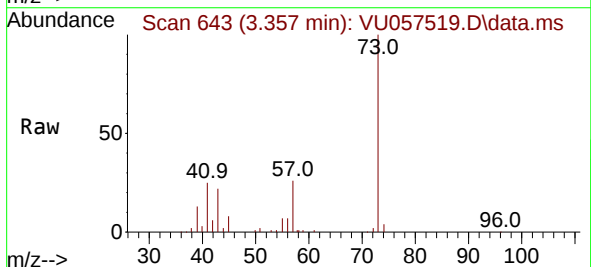
Instrument :
MSVOA_U
ClientSampleId :
BGWG1

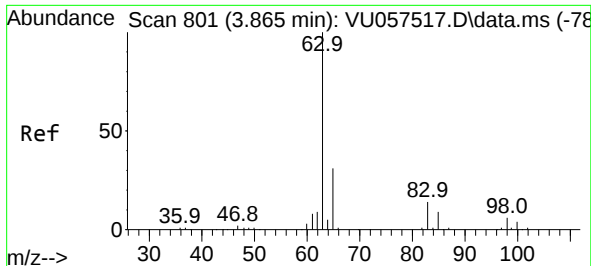
Tgt Ion: 96 Resp: 38583
Ion Ratio Lower Upper
96 100
61 196.7 130.9 243.1
63 287.0 114.8 213.2#



#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 :

BGWG1

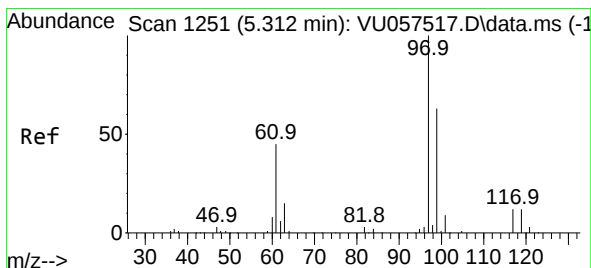
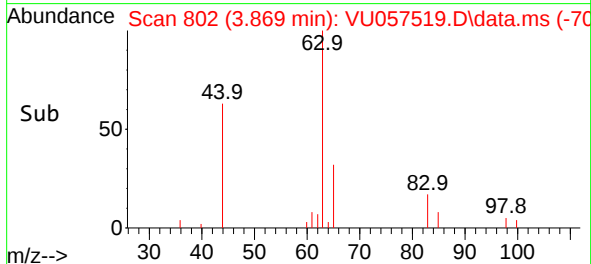
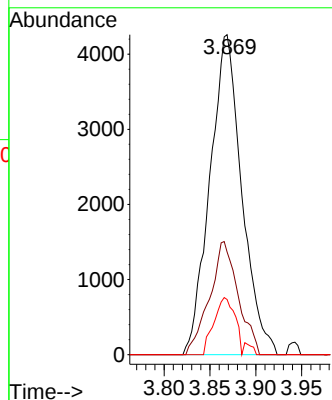
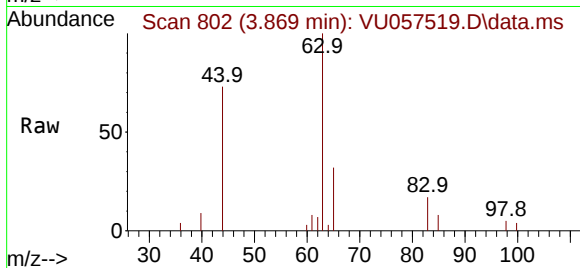
Tgt Ion: 63 Resp: 10315

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 17.2 9.1 16.9#



#29

1,1,1-Trichloroethane

Concen: 1.350 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057519.D

Acq: 15 Jan 2024 10:59

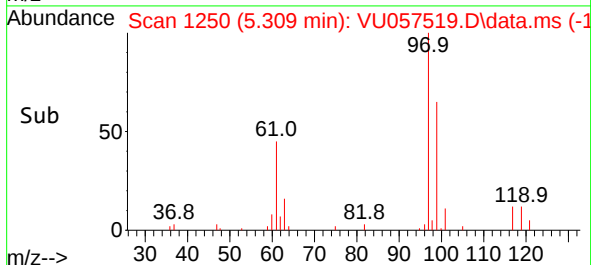
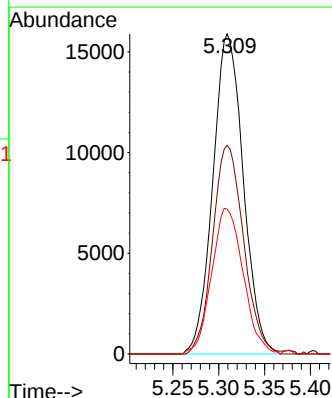
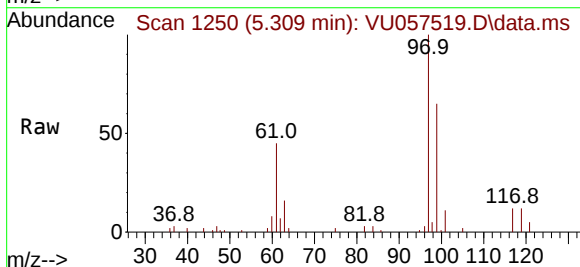
Tgt Ion: 97 Resp: 36774

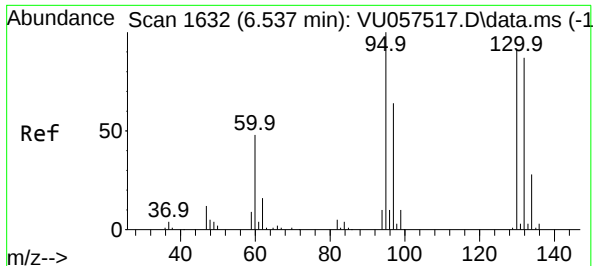
Ion Ratio Lower Upper

97 100

99 65.9 51.4 77.0

61 46.9 36.9 55.3

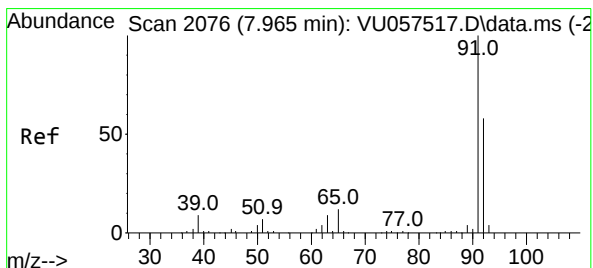
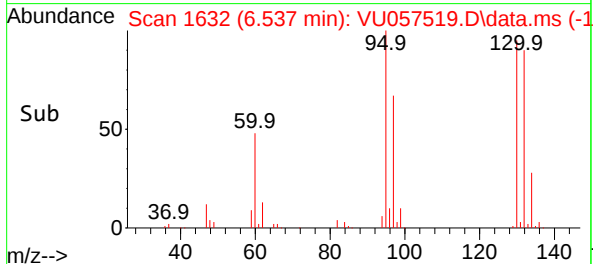
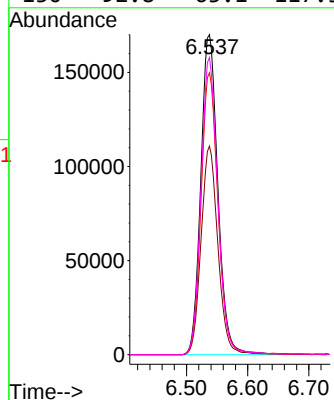
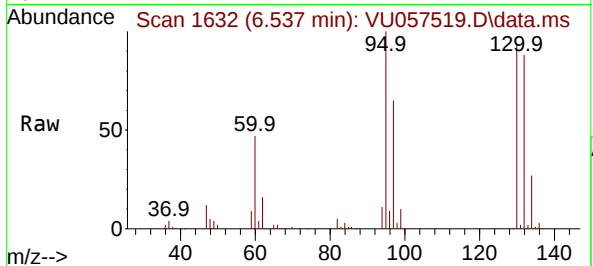




#34
Trichloroethene
Concen: 19.403 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

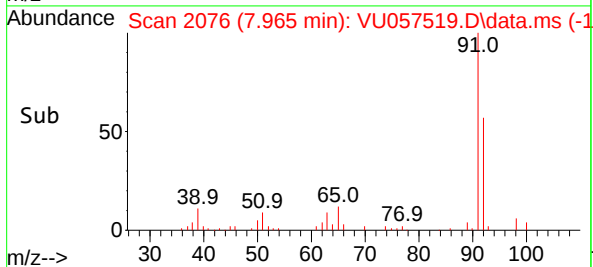
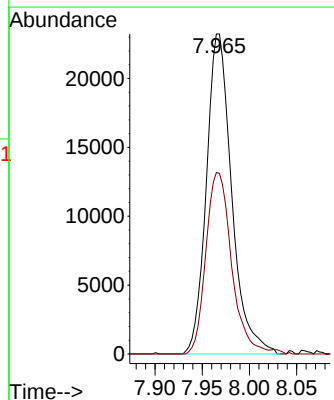
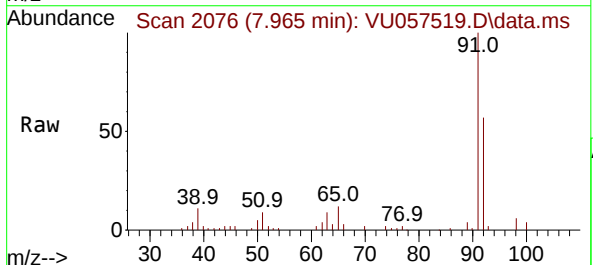
Instrument :
MSVOA_U
ClientSampleId :
BGWG1

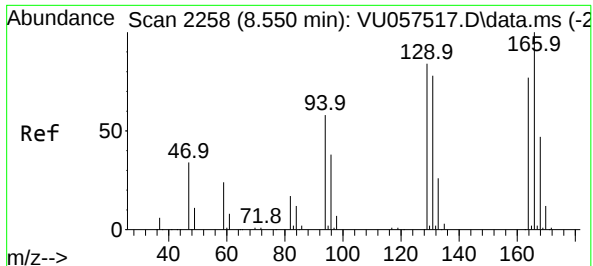
Tgt Ion: 95 Resp: 330593
Ion Ratio Lower Upper
95 100
97 65.2 45.0 83.6
132 88.1 61.7 114.5
130 92.8 63.1 117.3



#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

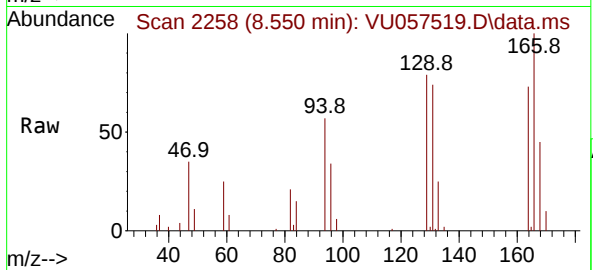
Tgt Ion: 91 Resp: 43301
Ion Ratio Lower Upper
91 100
92 56.7 41.2 76.4





#47
Tetrachloroethene
Concen: 0.945 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057519.D
Acq: 15 Jan 2024 10:59

Instrument :
MSVOA_U
ClientSampleId :
BGWG1



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

