

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057540.D
 Acq On : 15 Jan 2024 19:26
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:39:00 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)

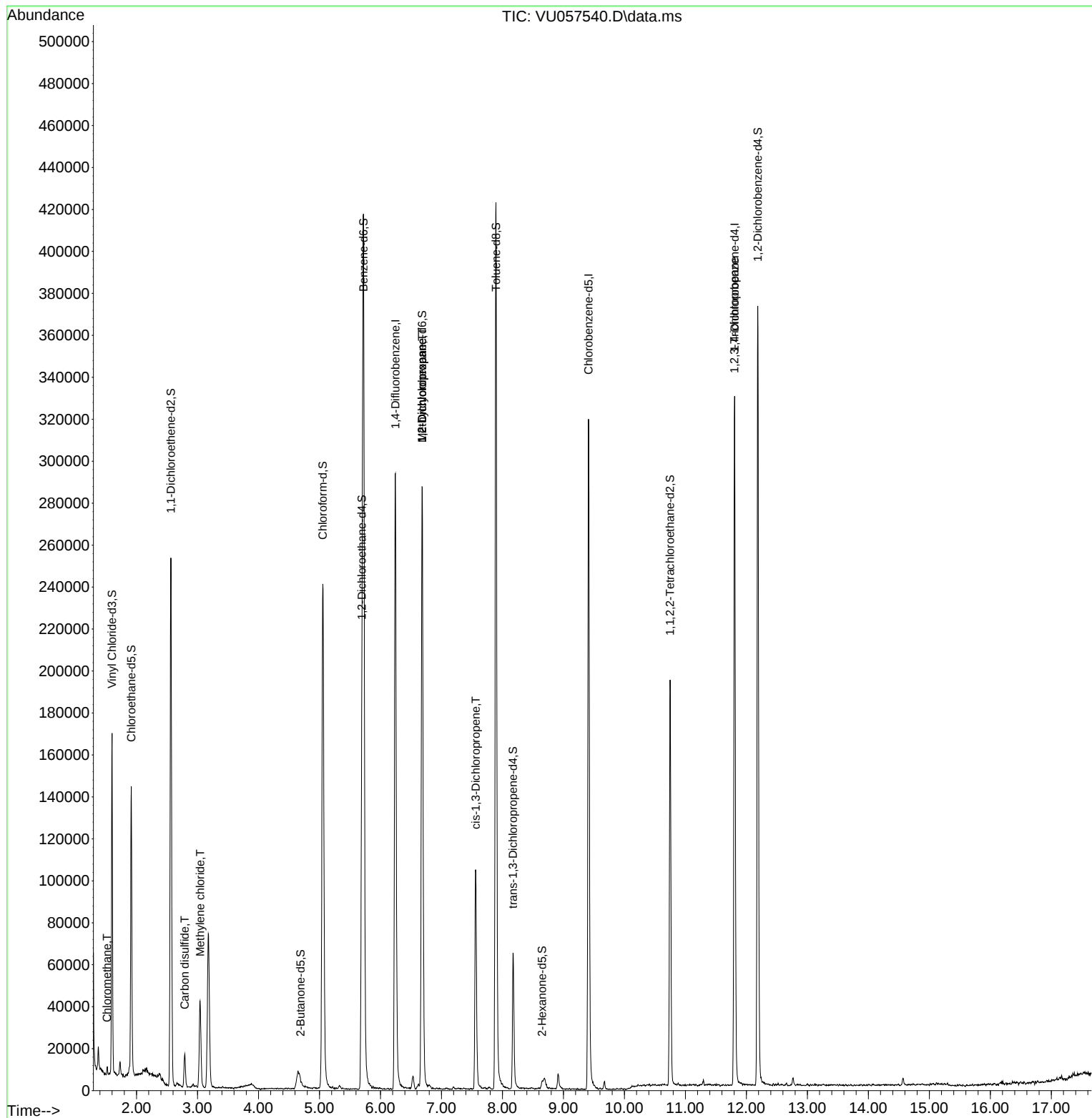
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	229166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83102	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	113808	4.895	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.800%	
7) Chloroethane-d5	1.914	69	104341	5.767	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.400%	
11) 1,1-Dichloroethene-d2	2.563	65	50115	5.097	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.000%	
20) 2-Butanone-d5	4.692	46	44	0.010	ug/L	0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	0.020%#	
24) Chloroform-d	5.055	84	231318	5.758	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	115.200%	
26) 1,2-Dichloroethane-d4	5.695	65	118634	6.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	122.600%	
32) Benzene-d6	5.721	84	382778	6.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	124.400%	
36) 1,2-Dichloropropane-d6	6.685	67	140709	7.330	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	146.600%#	
41) Toluene-d8	7.894	98	287995	5.541	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.800%	
43) trans-1,3-Dichloroprop...	8.174	79	39547	5.926	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	118.600%	
46) 2-Hexanone-d5	8.650	63	604	0.250	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	0.500%#	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	99799	7.697	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	154.000%#	
66) 1,2-Dichlorobenzene-d4	12.187	152	93142	5.581	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2174	0.112	ug/L	100
14) Carbon disulfide	2.792	76	21748	0.581	ug/L	99
16) Methylene chloride	3.042	84	20721	1.144	ug/L	95
35) Methylcyclohexane	6.685	83	32535	1.878	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	15067	1.071	ug/L #	92
39) cis-1,3-Dichloropropene	7.563	75	3159	0.170	ug/L #	70
61) 1,2,3-Trichloropropane	11.804	75	10912	1.403	ug/L #	68

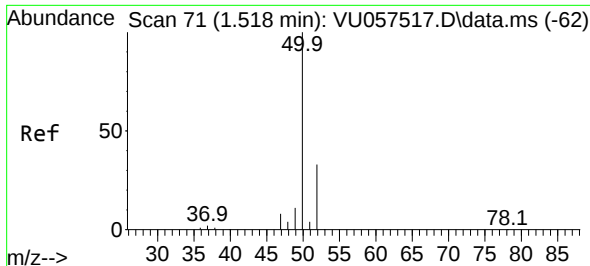
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Time: Jan 16 00:39:00 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 00:31:32 2024
Response via : Initial Calibration

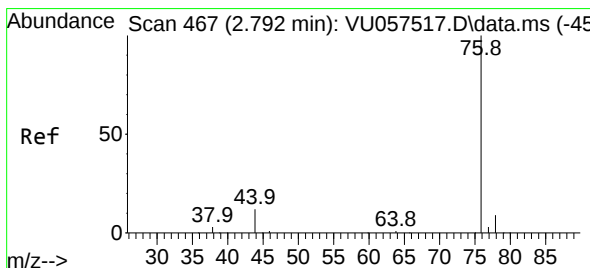
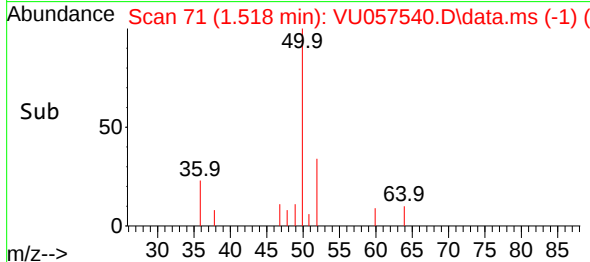
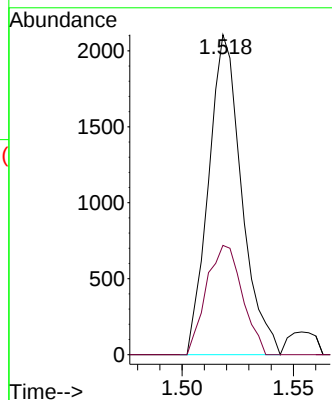
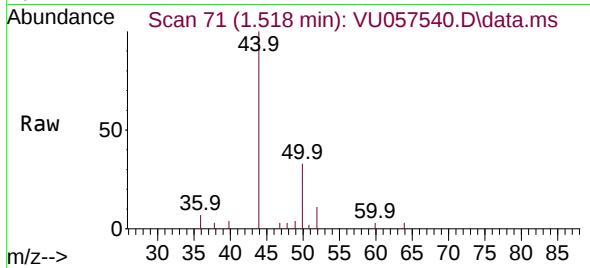




#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057540.D
Acq: 15 Jan 2024 19:26

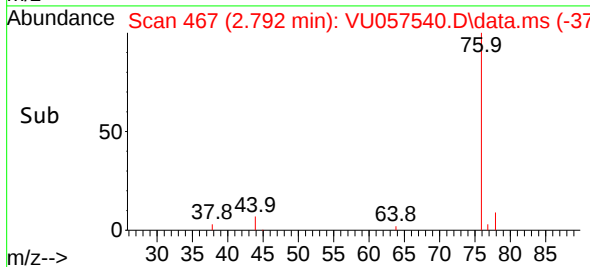
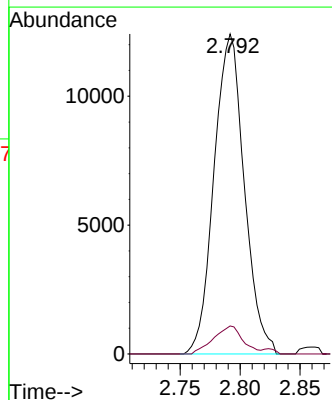
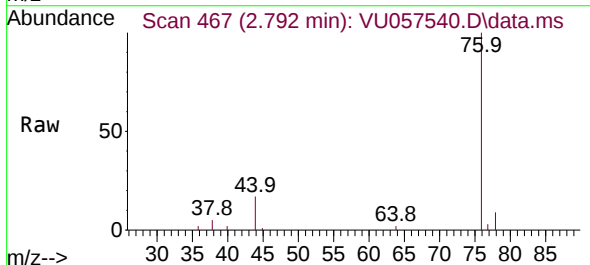
Instrument :
MSVOA_U
ClientSampleId :

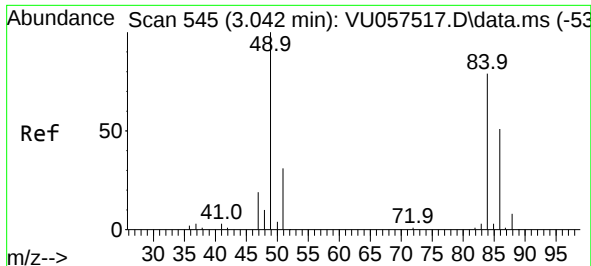
Tgt Ion: 50 Resp: 2174
Ion Ratio Lower Upper
50 100
52 34.1 24.1 44.7



#14
Carbon disulfide
Concen: 0.581 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.000 min
Lab File: VU057540.D
Acq: 15 Jan 2024 19:26

Tgt Ion: 76 Resp: 21748
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

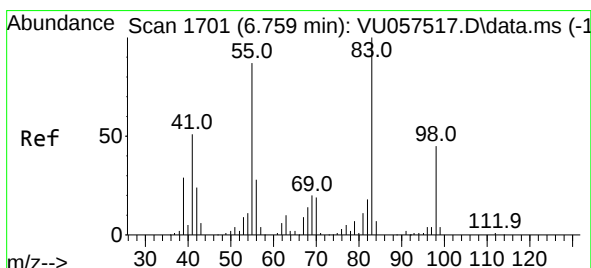
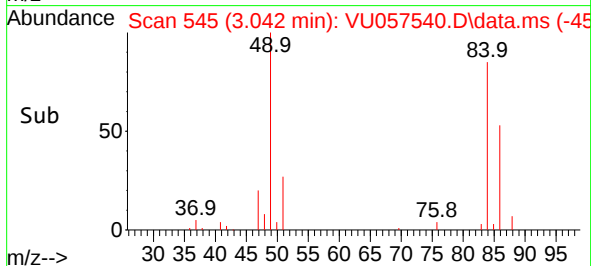
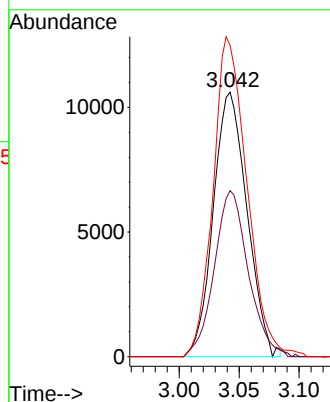
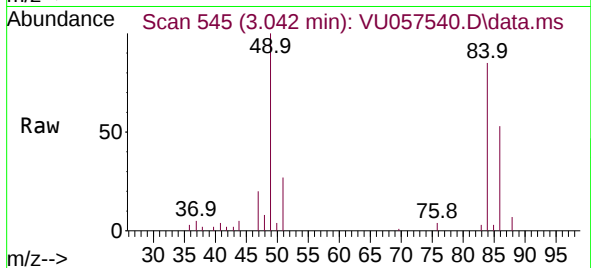




#16
Methylene chloride
Concen: 1.144 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057540.D
Acq: 15 Jan 2024 19:26

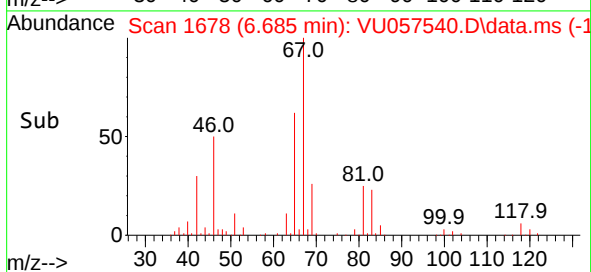
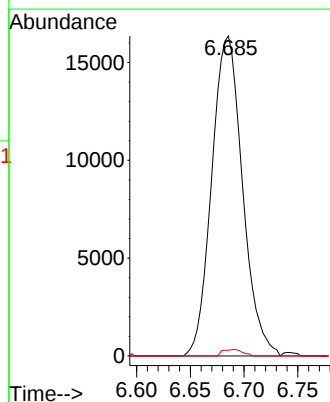
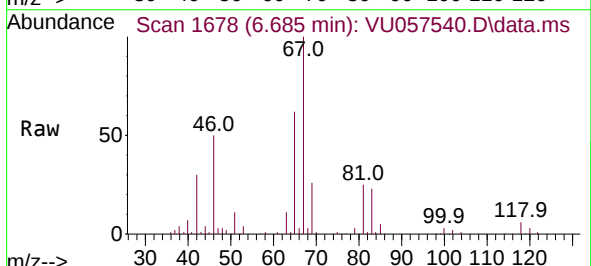
Instrument :
MSVOA_U
ClientSampleId :

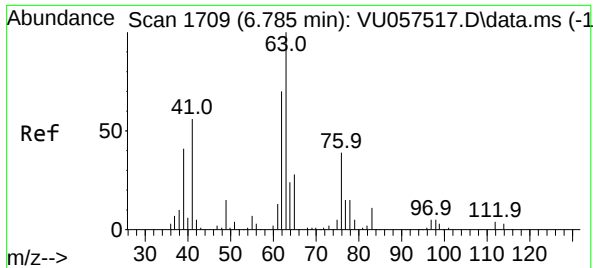
Tgt Ion: 84 Resp: 20721
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.2
49 117.7 86.7 161.1



#35
Methylcyclohexane
Concen: 1.878 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057540.D
Acq: 15 Jan 2024 19:26

Tgt Ion: 83 Resp: 32535
Ion Ratio Lower Upper
83 100
55 0.0 68.7 103.1#
98 1.3 36.3 54.5#

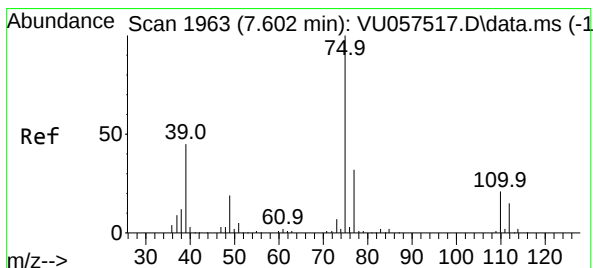
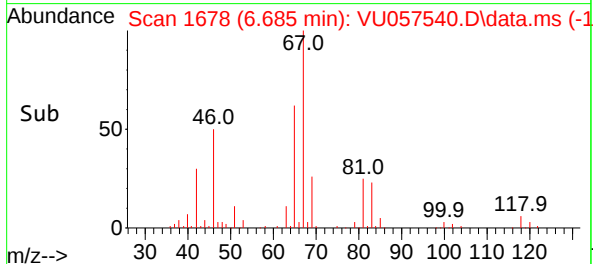
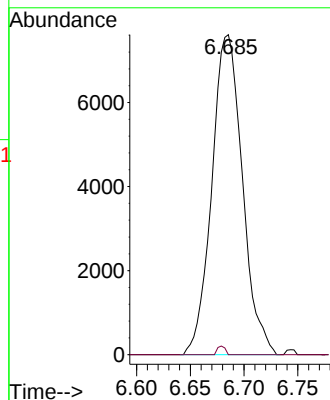
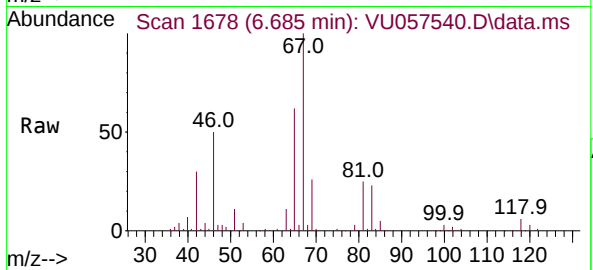




#37
1,2-Dichloropropane
Concen: 1.071 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057540.D
Acq: 15 Jan 2024 19:26

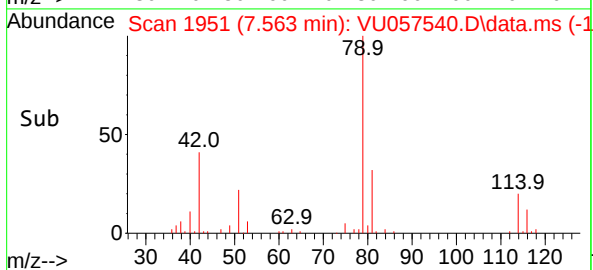
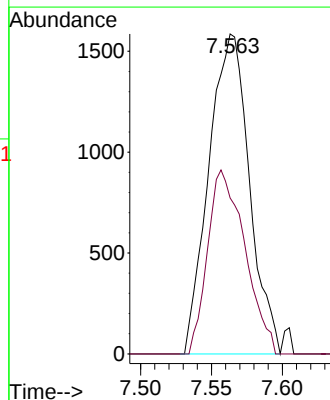
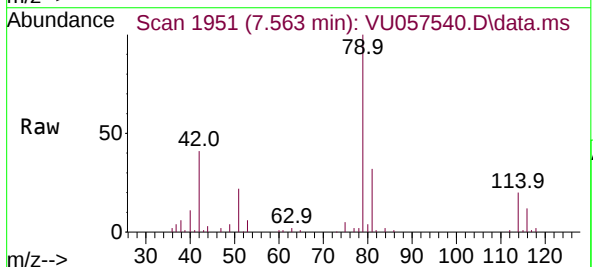
Instrument :
MSVOA_U
ClientSampleId :

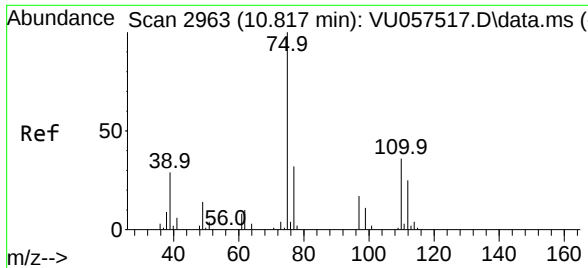
Tgt Ion: 63 Resp: 15067
Ion Ratio Lower Upper
63 100
112 0.7 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.170 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.038 min
Lab File: VU057540.D
Acq: 15 Jan 2024 19:26

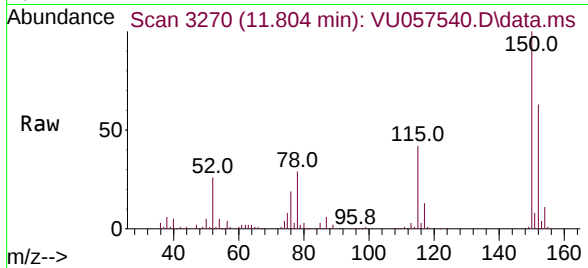
Tgt Ion: 75 Resp: 3159
Ion Ratio Lower Upper
75 100
77 48.7 22.5 41.9#





#61
1,2,3-Trichloropropane
Concen: 1.403 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU057540.D
Acq: 15 Jan 2024 19:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.4	29.4	44.0#
77	34.0	26.2	39.4

