

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057523.D
 Acq On : 15 Jan 2024 12:35
 Operator : MD/SY
 Sample : P1120-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:34:18 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)

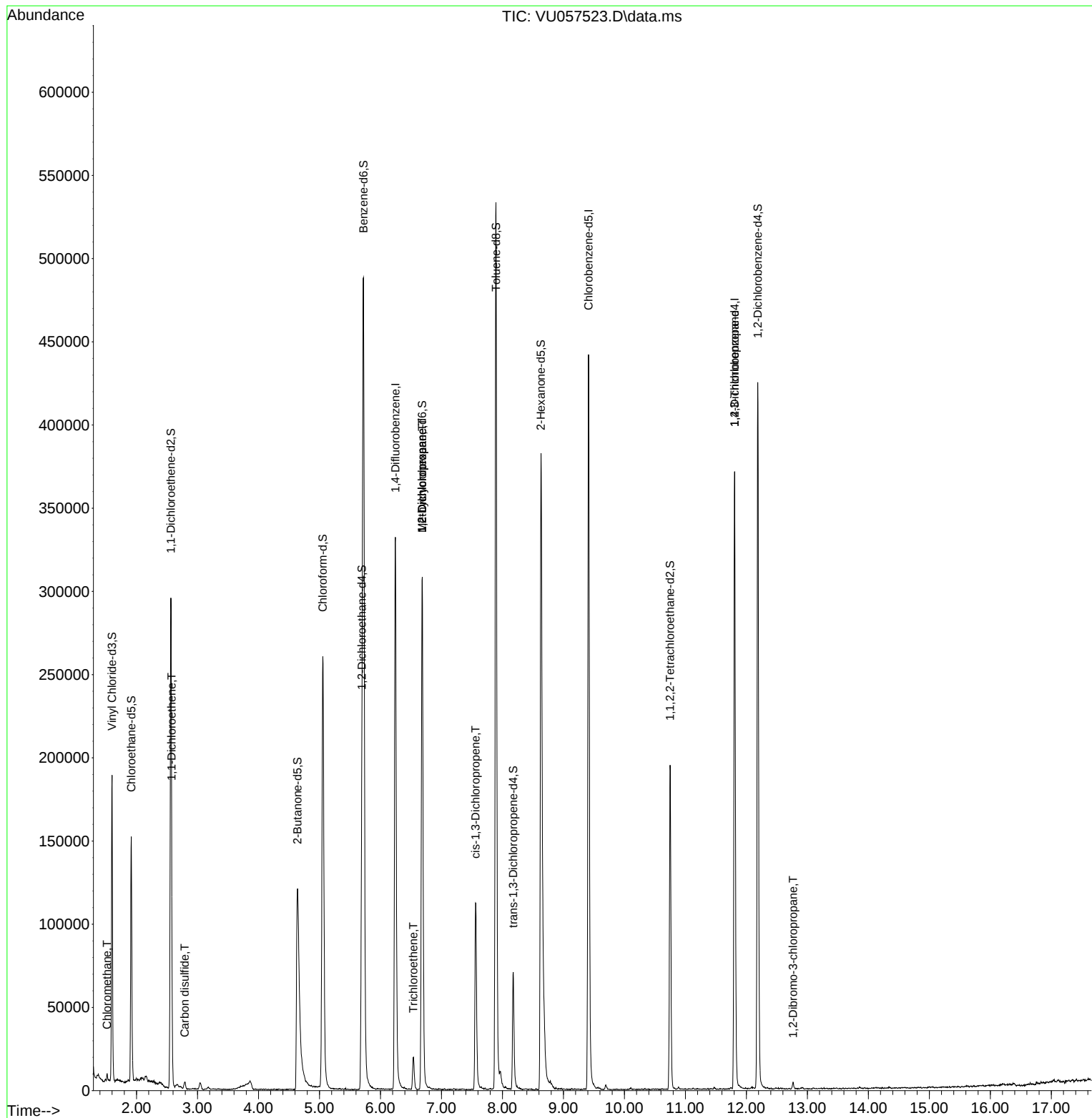
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	258434	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	132204	5.042	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.914	69	111900	5.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.600%		
11) 1,1-Dichloroethene-d2	2.563	65	57584	5.194	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.800%		
20) 2-Butanone-d5	4.640	46	246590	49.719	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 99.440%		
24) Chloroform-d	5.055	84	247298	5.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.200%		
26) 1,2-Dichloroethane-d4	5.695	65	122316	5.606	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.200%		
32) Benzene-d6	5.721	84	460090	5.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.800%		
36) 1,2-Dichloropropane-d6	6.685	67	150615	5.497	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.000%		
41) Toluene-d8	7.894	98	357342	4.817	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.400%		
43) trans-1,3-Dichloroprop...	8.177	79	41659	4.374	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 87.400%		
46) 2-Hexanone-d5	8.630	63	120136	34.833	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 69.660%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	99176	5.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	106791	5.494	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 109.800%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2639	0.121	ug/L	91
12) 1,1-Dichloroethene	2.576	96	3840	0.254	ug/L #	1
14) Carbon disulfide	2.791	76	5959	0.141	ug/L #	94
34) Trichloroethene	6.541	95	6421	0.345	ug/L	85
35) Methylcyclohexane	6.685	83	33700	1.363	ug/L #	15
37) 1,2-Dichloropropane	6.685	63	17158	0.855	ug/L #	91
39) cis-1,3-Dichloropropene	7.560	75	3301	0.124	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	12555	1.386	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.765	75	124	0.071	ug/L #	10

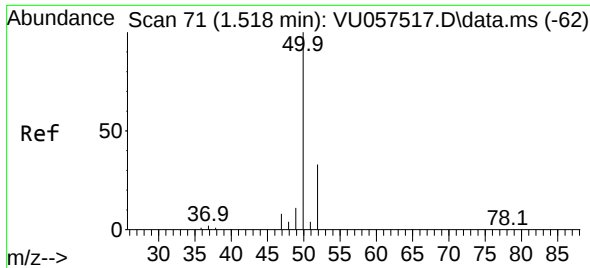
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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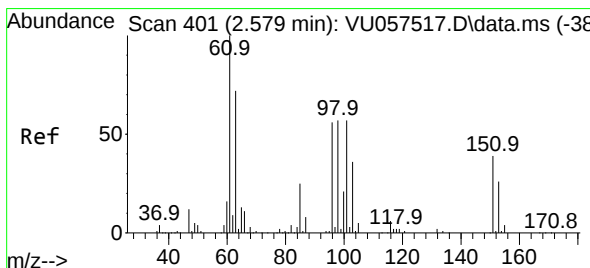
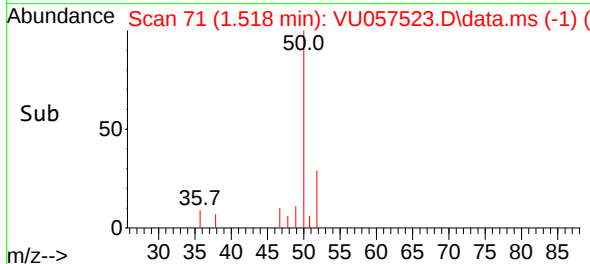
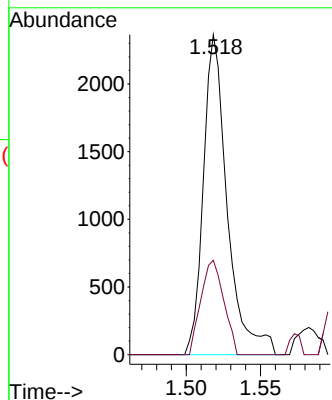
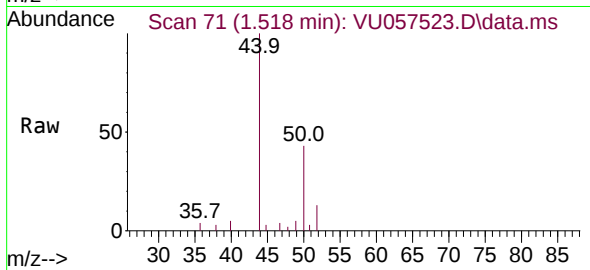




#3
Chloromethane
Concen: 0.121 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU057523.D
Acq: 15 Jan 2024 12:35

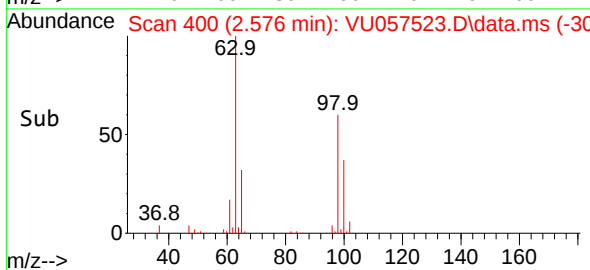
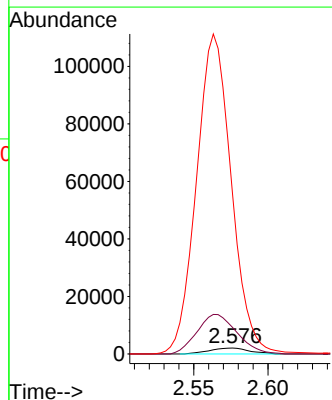
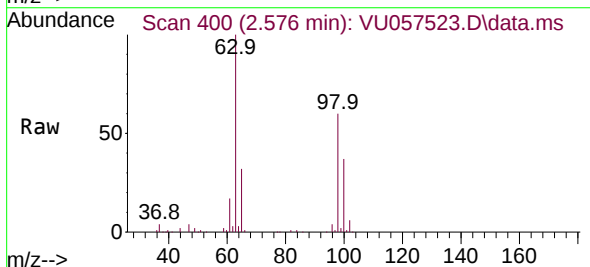
Instrument :
MSVOA_U
ClientSampleId :

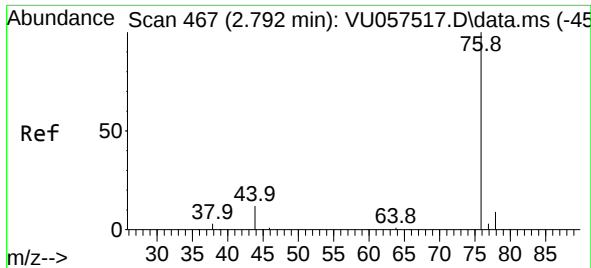
Tgt Ion: 50 Resp: 2639
Ion Ratio Lower Upper
50 100
52 29.5 24.1 44.7



#12
1,1-Dichloroethene
Concen: 0.254 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057523.D
Acq: 15 Jan 2024 12:35

Tgt Ion: 96 Resp: 3840
Ion Ratio Lower Upper
96 100
61 450.4 130.9 243.1#
63 2720.7 114.8 213.2#





#14

Carbon disulfide

Concen: 0.141 ug/L

RT: 2.791 min Scan# 4

Delta R.T. -0.000 min

Lab File: VU057523.D

Acq: 15 Jan 2024 12:35

Instrument :

MSVOA_U

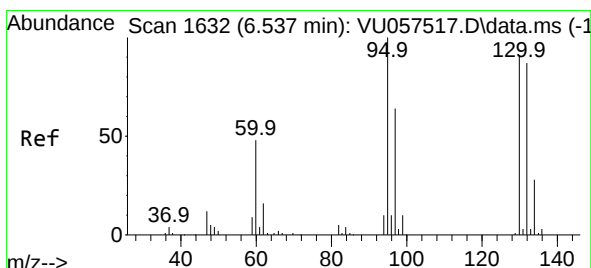
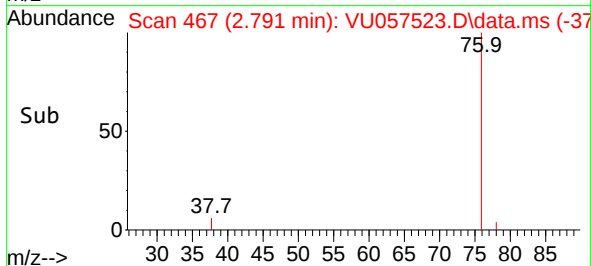
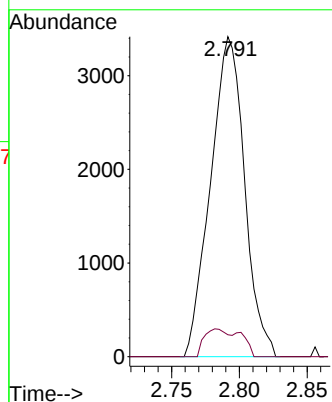
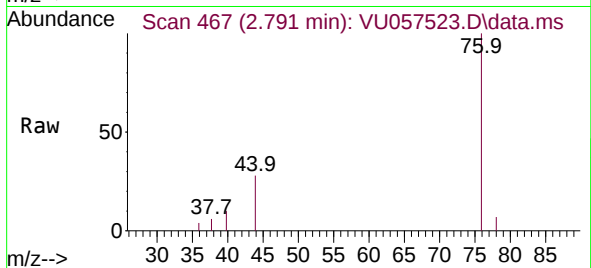
ClientSampleId :

Tgt Ion: 76 Resp: 5959

Ion Ratio Lower Upper

76 100

78 6.8 7.3 10.9#



#34

Trichloroethene

Concen: 0.345 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU057523.D

Acq: 15 Jan 2024 12:35

Tgt Ion: 95 Resp: 6421

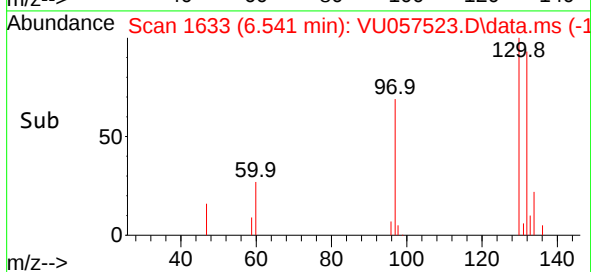
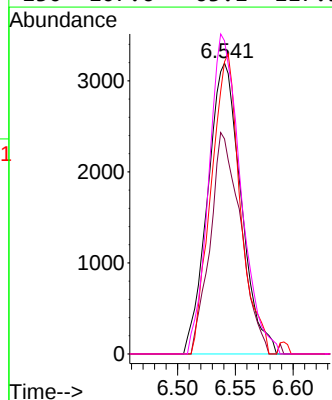
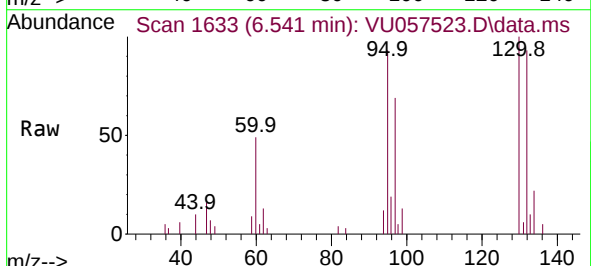
Ion Ratio Lower Upper

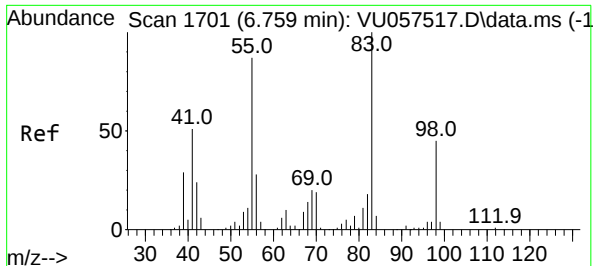
95 100

97 73.9 45.0 83.6

132 100.4 61.7 114.5

130 107.6 63.1 117.3

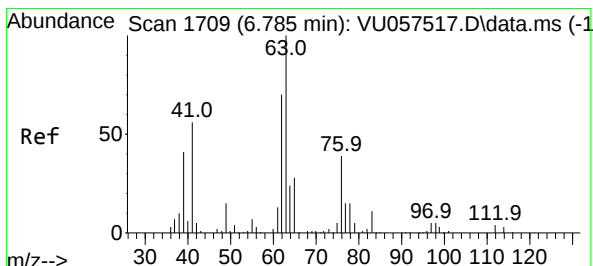
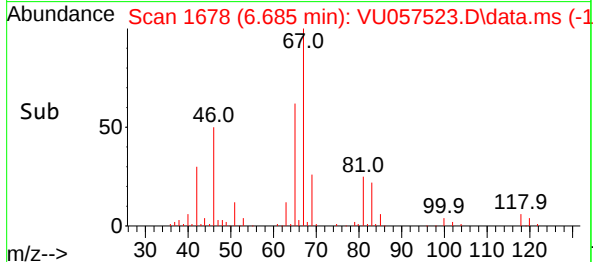
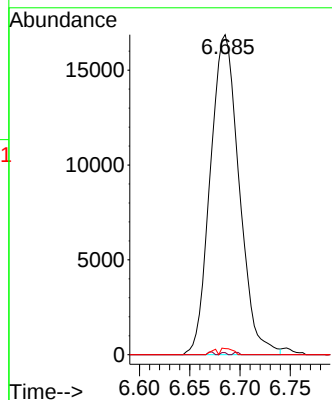
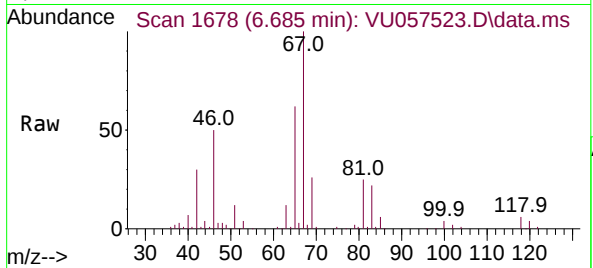




#35
Methylcyclohexane
Concen: 1.363 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057523.D
Acq: 15 Jan 2024 12:35

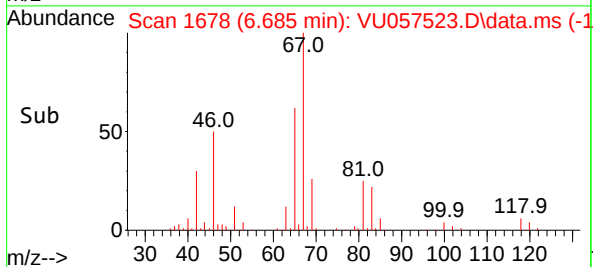
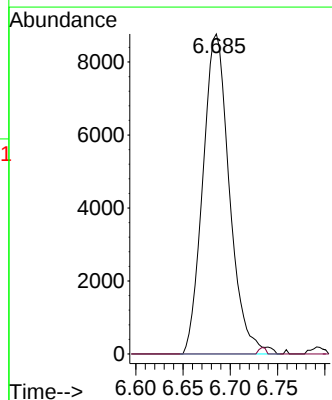
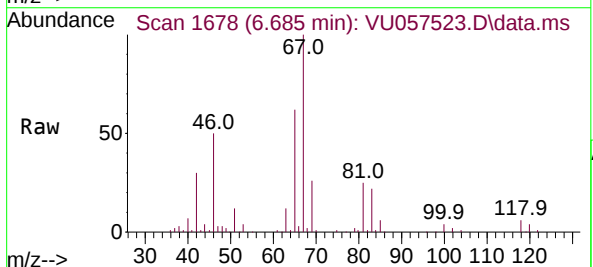
Instrument :
MSVOA_U
ClientSampleId :

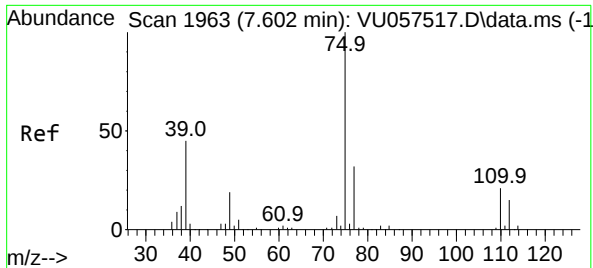
Tgt Ion: 83 Resp: 33700
Ion Ratio Lower Upper
83 100
55 0.1 68.7 103.1#
98 0.8 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.855 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057523.D
Acq: 15 Jan 2024 12:35

Tgt Ion: 63 Resp: 17158
Ion Ratio Lower Upper
63 100
112 0.5 2.7 4.1#

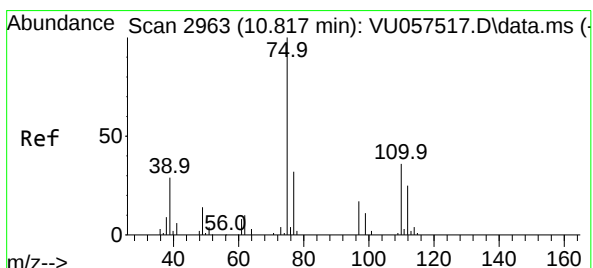
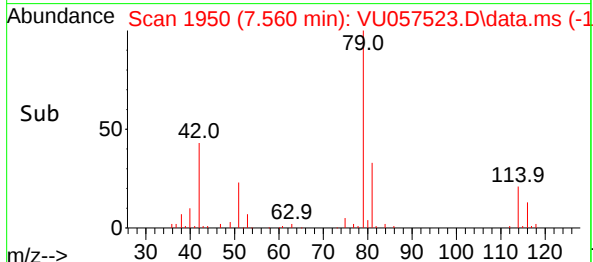
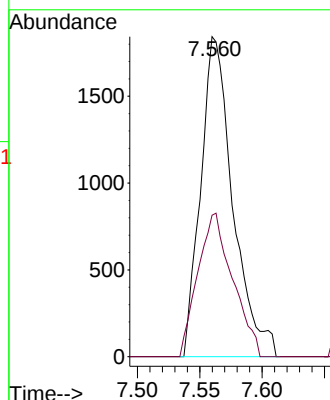
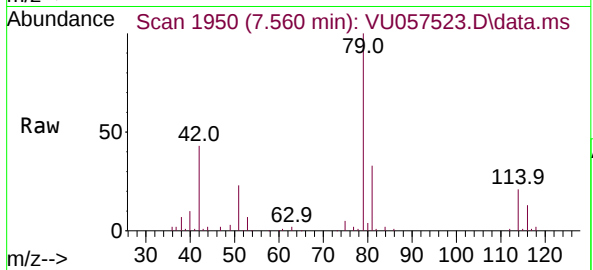




#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.560 min Scan# 1963
 Delta R.T. -0.042 min
 Lab File: VU057523.D
 Acq: 15 Jan 2024 12:35

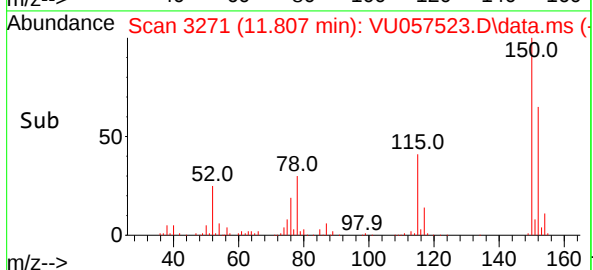
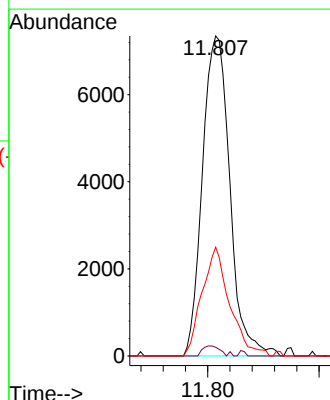
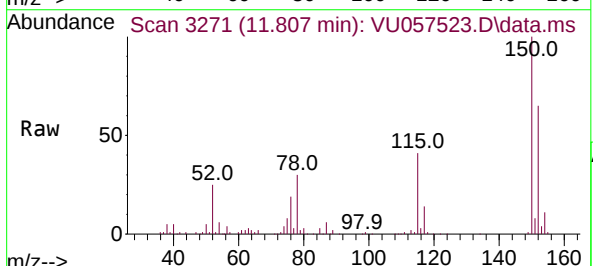
Instrument :
 MSVOA_U
 ClientSampleId :

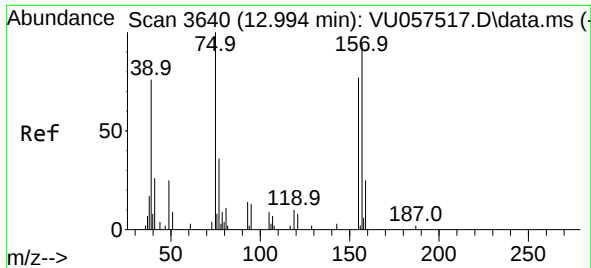
Tgt Ion: 75 Resp: 3301
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.5 41.9#



#61
 1,2,3-Trichloropropane
 Concen: 1.386 ug/L
 RT: 11.807 min Scan# 3271
 Delta R.T. 0.990 min
 Lab File: VU057523.D
 Acq: 15 Jan 2024 12:35

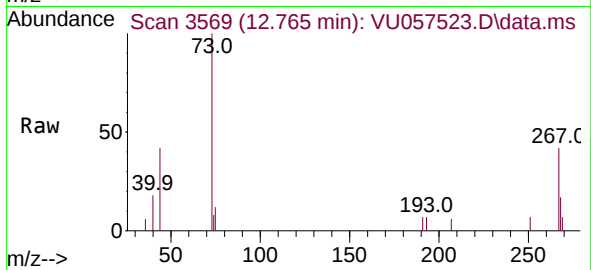
Tgt Ion: 75 Resp: 12555
 Ion Ratio Lower Upper
 75 100
 110 2.1 29.4 44.0#
 77 34.3 26.2 39.4





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.071 ug/L
 RT: 12.765 min Scan# 31
 Delta R.T. -0.228 min
 Lab File: VU057523.D
 Acq: 15 Jan 2024 12:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 124
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.4 83.0#
 157 0.0 68.6 102.8#

