

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057309.D
 Acq On : 28 Dec 2023 03:56
 Operator : MD/SY
 Sample : 06020-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 04:47:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

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

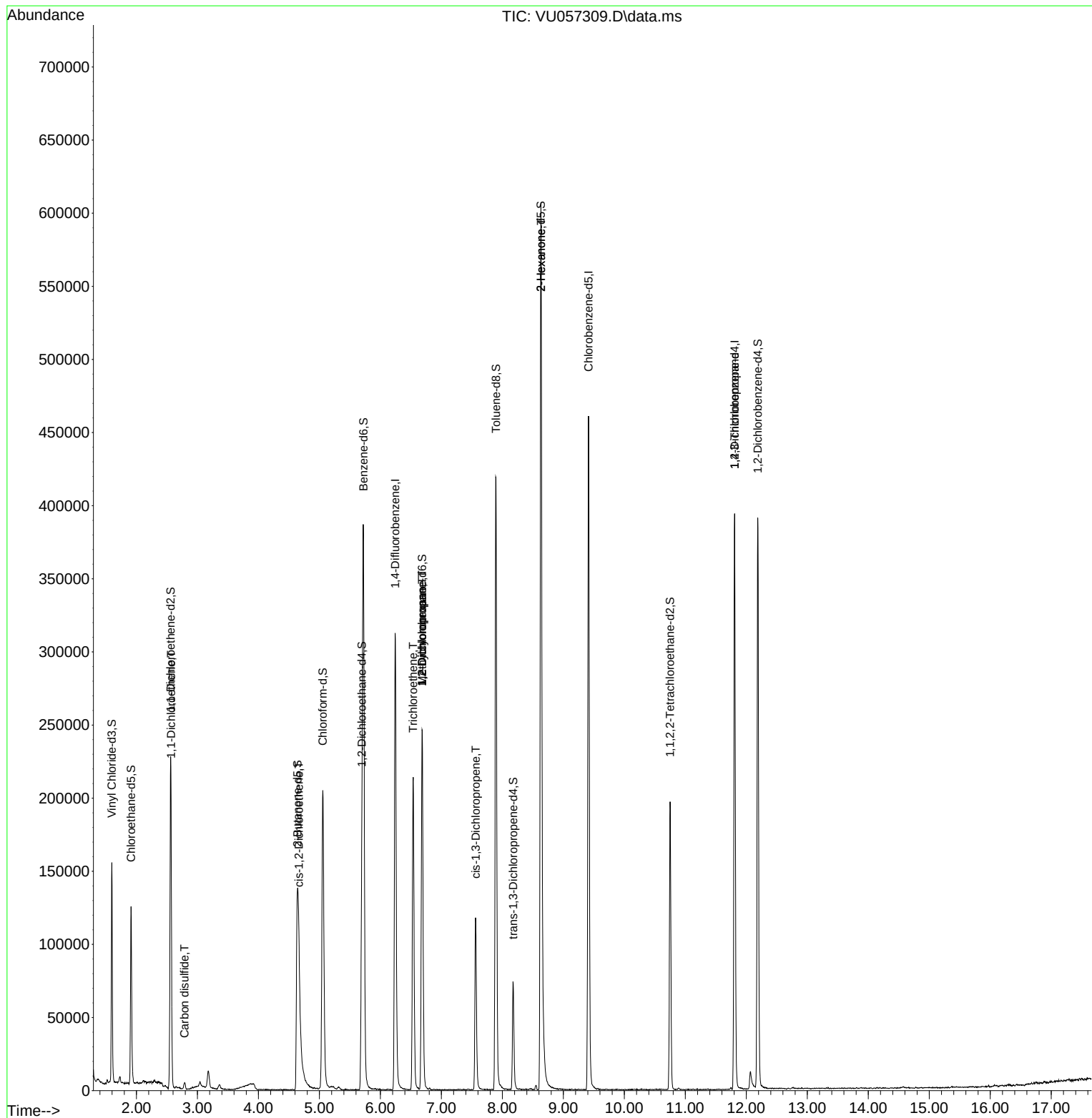
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	251745	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	255732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	101561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	108338	5.006	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.200%		
7) Chloroethane-d5	1.911	69	93335	5.369	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.400%		
11) 1,1-Dichloroethene-d2	2.560	65	42762	4.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 99.200%		
20) 2-Butanone-d5	4.637	46	286128	58.373	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.740%		
24) Chloroform-d	5.055	84	195845	5.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
26) 1,2-Dichloroethane-d4	5.695	65	106483	5.414	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.200%		
32) Benzene-d6	5.721	84	362686	4.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.600%		
36) 1,2-Dichloropropane-d6	6.686	67	121993	5.340	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.800%		
41) Toluene-d8	7.895	98	287790	4.576	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.600%		
43) trans-1,3-Dichloroprop...	8.177	79	44367	4.841	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.800%		
46) 2-Hexanone-d5	8.631	63	214570	51.687	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 103.380%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	101622	5.297	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	102376	5.536	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.800%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	1812	0.110	ug/L #	1
14) Carbon disulfide	2.789	76	6013	0.128	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	11645	0.617	ug/L	94
34) Trichloroethene	6.538	95	78089	3.978	ug/L	95
35) Methylcyclohexane	6.682	83	27683	1.080	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	13067	0.637	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	3111	0.111	ug/L #	66
48) 2-Hexanone	8.634	43	26146	3.396	ug/L #	80
61) 1,2,3-Trichloropropane	11.808	75	13590	1.282	ug/L #	68

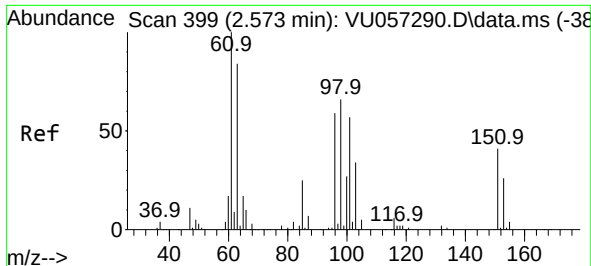
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 00:43:53 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.110 ug/L

RT: 2.567 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU057309.D

Acq: 28 Dec 2023 03:56

Instrument :

MSVOA_U

ClientSampleId :

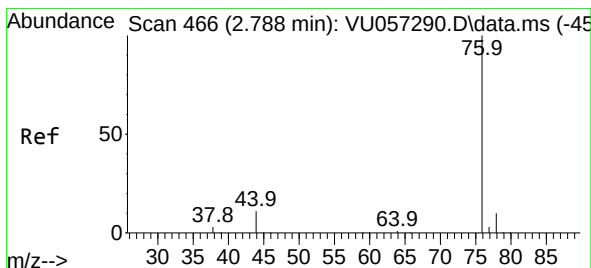
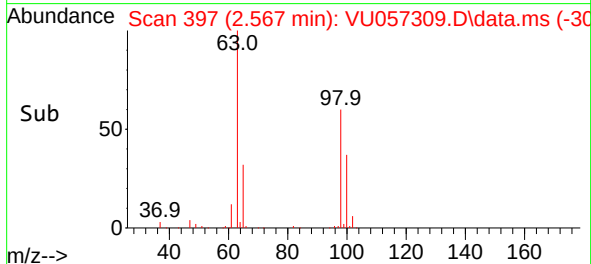
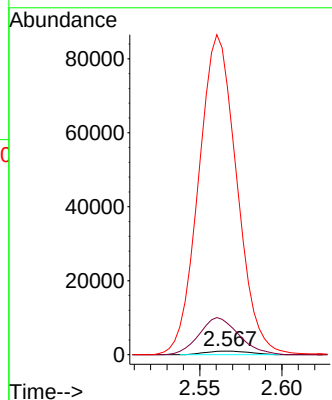
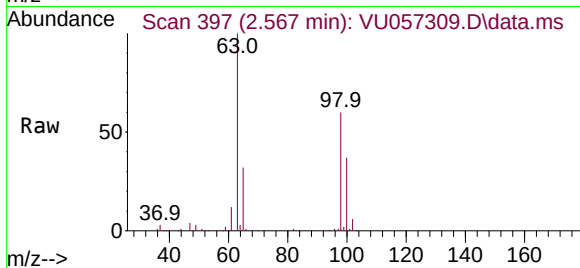
Tgt Ion: 96 Resp: 1812

Ion Ratio Lower Upper

96 100

61 882.4 122.2 226.9#

63 7532.2 99.2 184.2#



#14

Carbon disulfide

Concen: 0.128 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057309.D

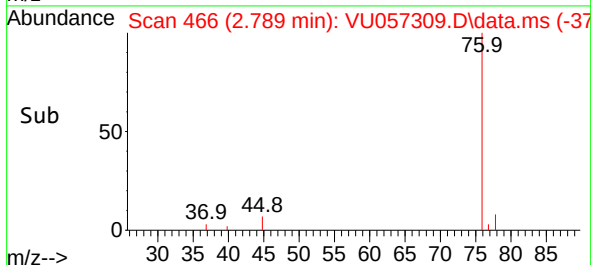
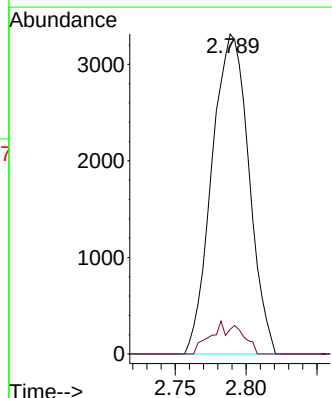
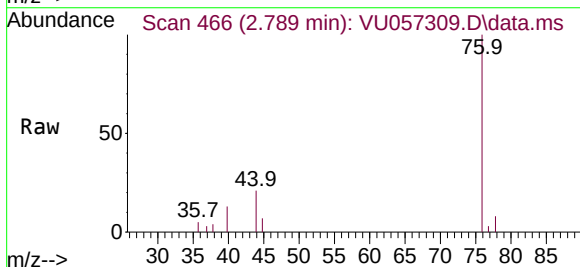
Acq: 28 Dec 2023 03:56

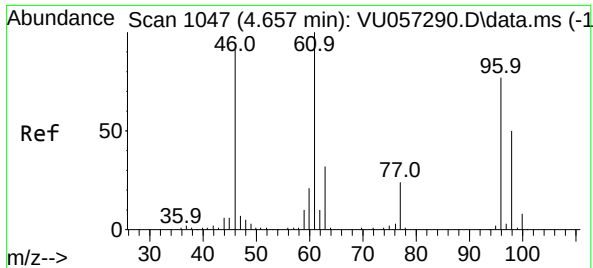
Tgt Ion: 76 Resp: 6013

Ion Ratio Lower Upper

76 100

78 7.7 7.3 10.9

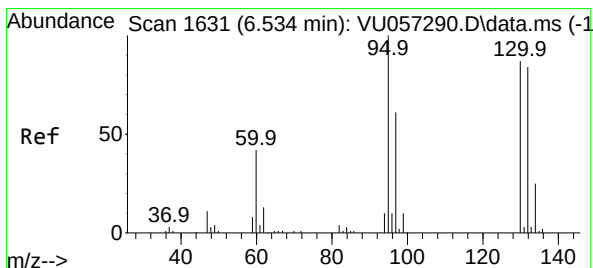
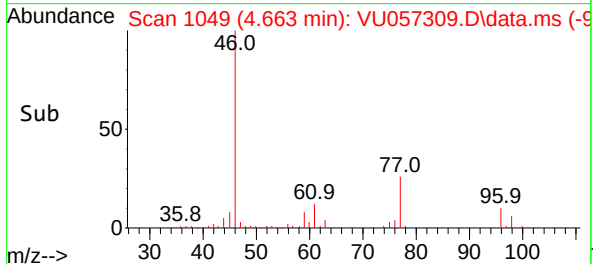
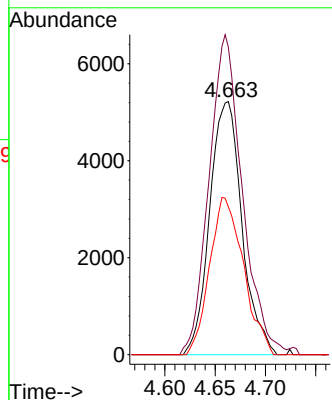
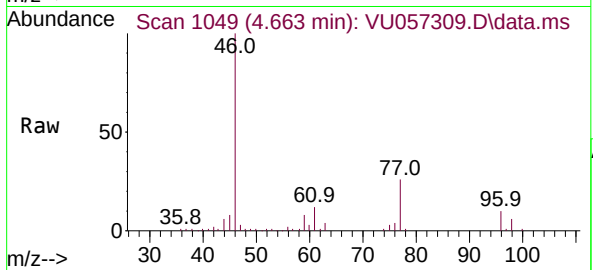




#22
cis-1,2-Dichloroethene
Concen: 0.617 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.007 min
Lab File: VU057309.D
Acq: 28 Dec 2023 03:56

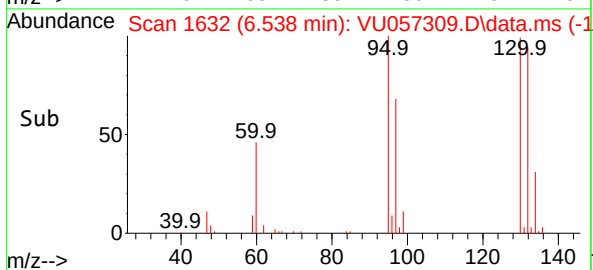
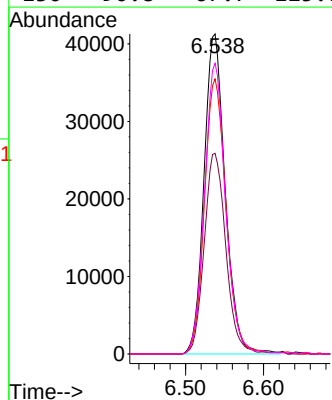
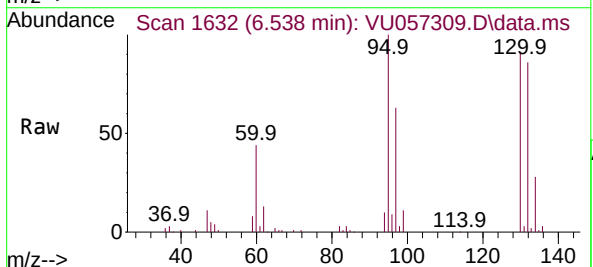
Instrument :
MSVOA_U
ClientSampleId :

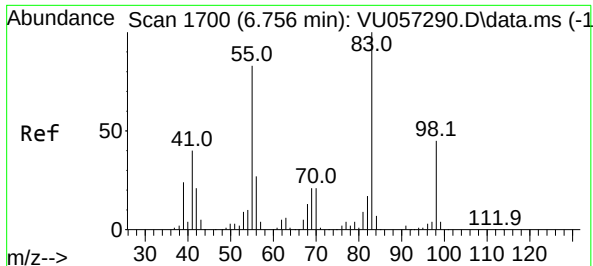
Tgt Ion: 96 Resp: 11645
Ion Ratio Lower Upper
96 100
61 121.5 91.1 169.3
98 58.4 42.6 79.0



#34
Trichloroethene
Concen: 3.978 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU057309.D
Acq: 28 Dec 2023 03:56

Tgt Ion: 95 Resp: 78089
Ion Ratio Lower Upper
95 100
97 62.7 45.3 84.1
132 86.0 63.1 117.3
130 90.8 67.7 125.7

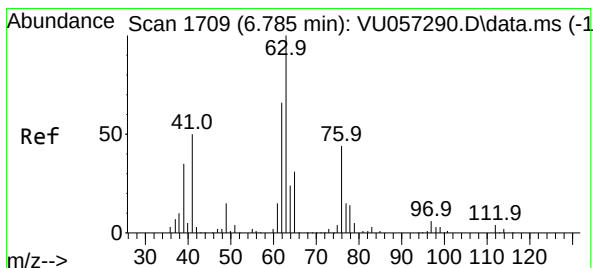
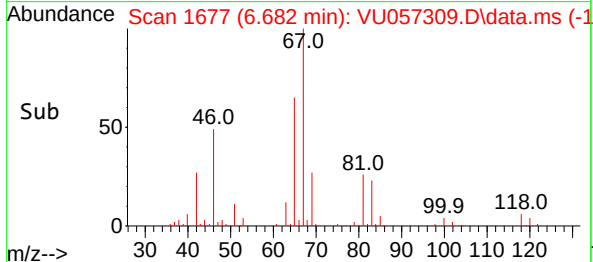
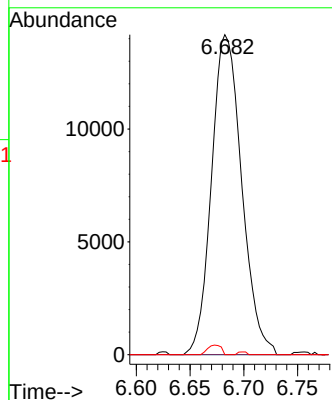
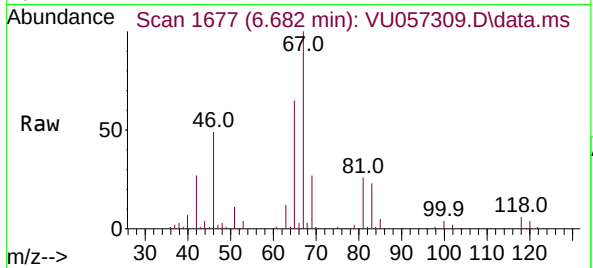




#35
Methylcyclohexane
Concen: 1.080 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057309.D
Acq: 28 Dec 2023 03:56

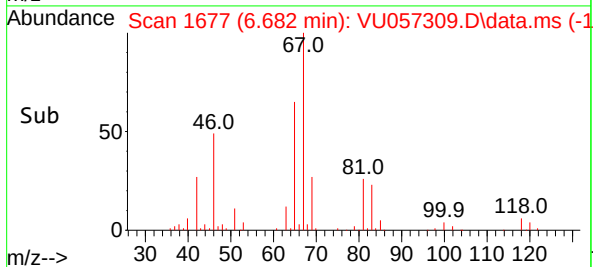
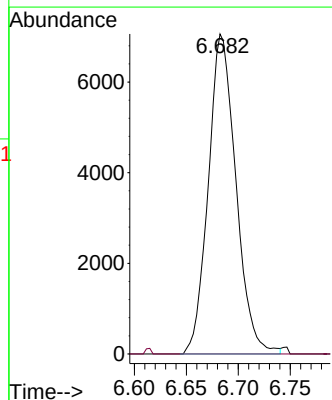
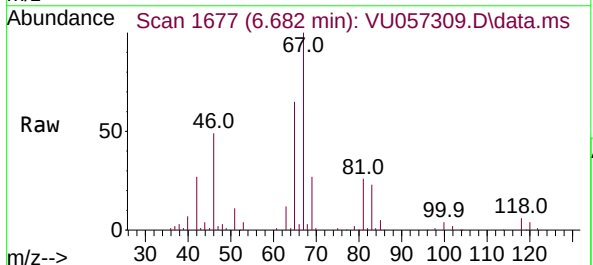
Instrument :
MSVOA_U
ClientSampleId :

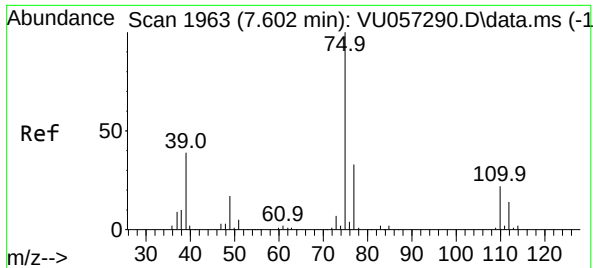
Tgt Ion: 83 Resp: 27683
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.2#
98 1.4 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057309.D
Acq: 28 Dec 2023 03:56

Tgt Ion: 63 Resp: 13067
Ion Ratio Lower Upper
63 100
112 0.3 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.563 min Scan# 1963

Delta R.T. -0.038 min

Lab File: VU057309.D

Acq: 28 Dec 2023 03:56

Instrument :

MSVOA_U

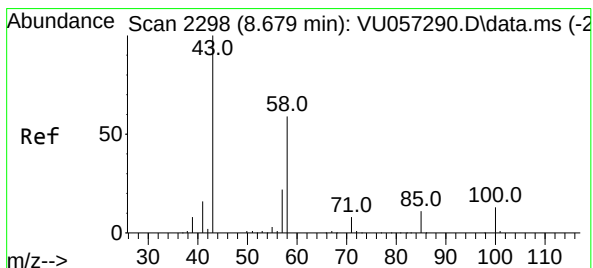
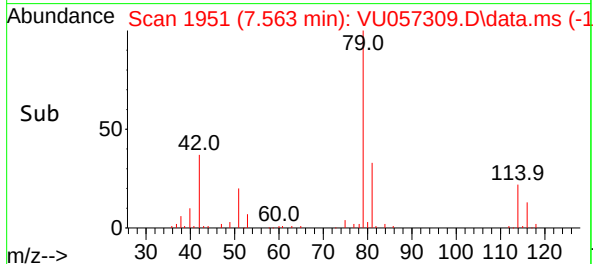
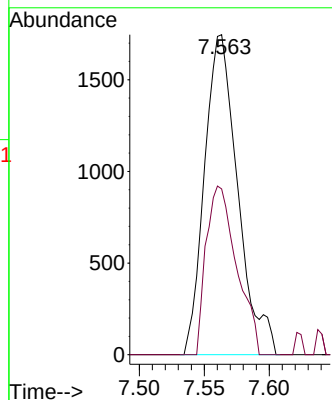
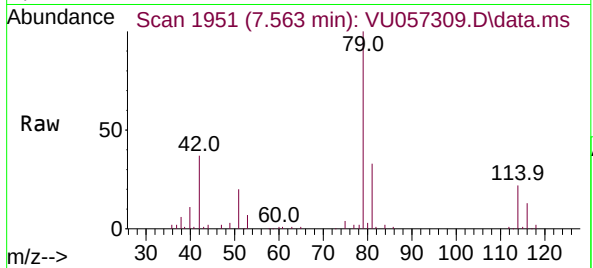
ClientSampleId :

Tgt Ion: 75 Resp: 3111

Ion Ratio Lower Upper

75 100

77 51.8 23.0 42.8#



#48

2-Hexanone

Concen: 3.396 ug/L

RT: 8.634 min Scan# 2284

Delta R.T. -0.045 min

Lab File: VU057309.D

Acq: 28 Dec 2023 03:56

Tgt Ion: 43 Resp: 26146

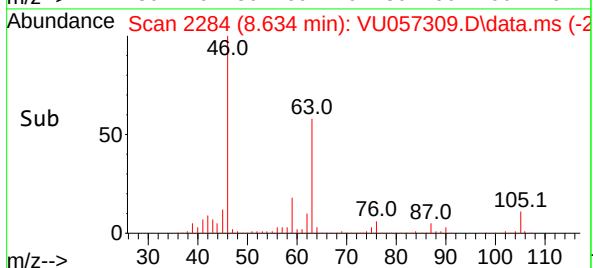
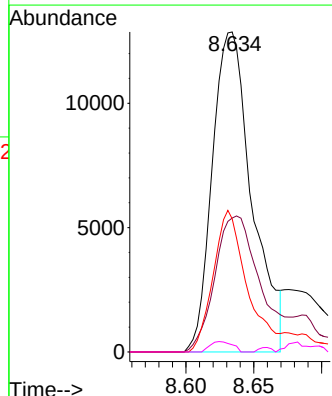
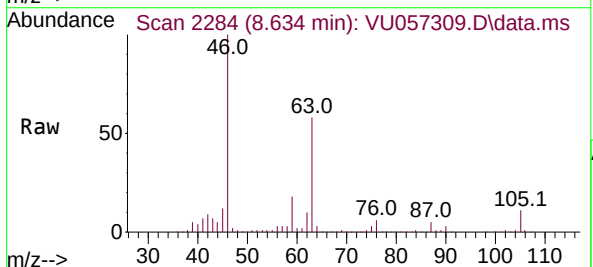
Ion Ratio Lower Upper

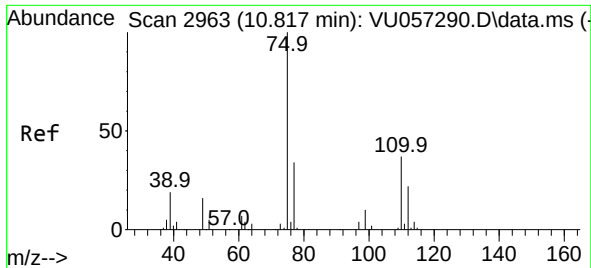
43 100

58 50.0 48.4 72.6

57 37.9 17.4 26.2#

100 1.8 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 1.282 ug/L

RT: 11.808 min Scan# 31

Delta R.T. 0.990 min

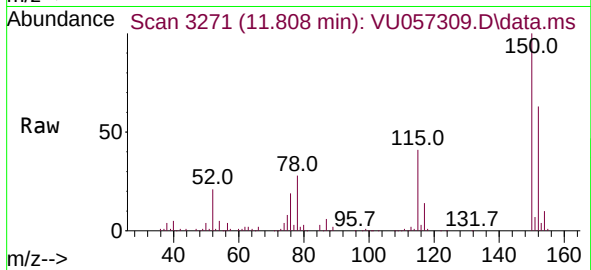
Lab File: VU057309.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	13590
Ion	Ratio	Lower	Upper
75	100		
110	2.8	29.0	43.6#
77	33.7	25.4	38.2

