

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057245.D
 Acq On : 26 Dec 2023 19:35
 Operator : MD/SY
 Sample : 05976-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:43:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

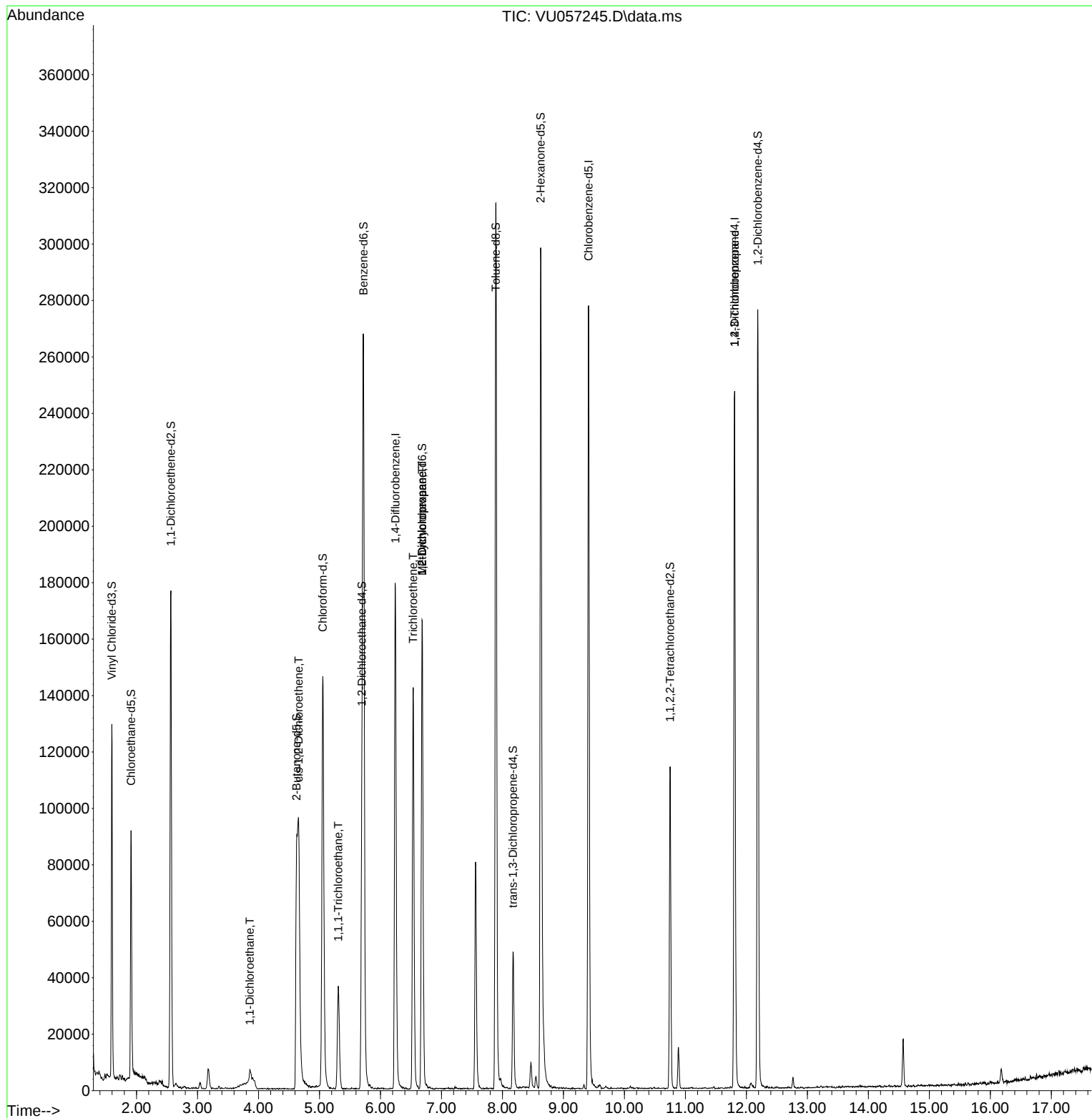
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	145449	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88065	6.335	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 126.600%		
7) Chloroethane-d5	1.910	69	66403	5.803	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.000%		
11) 1,1-Dichloroethene-d2	2.563	65	34839	5.784	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 115.600%		
20) 2-Butanone-d5	4.624	46	130443	59.761	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 119.520%		
24) Chloroform-d	5.055	84	139313	5.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
26) 1,2-Dichloroethane-d4	5.695	65	68498	5.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.000%		
32) Benzene-d6	5.721	84	258938	4.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.800%		
36) 1,2-Dichloropropane-d6	6.682	67	81399	5.404	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.000%		
41) Toluene-d8	7.891	98	216935	4.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.800%		
43) trans-1,3-Dichloroprop...	8.174	79	29800	4.753	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.000%		
46) 2-Hexanone-d5	8.627	63	98727	46.249	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 92.500%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57052	5.323	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	71904	4.924	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 98.400%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.859	63	4818	0.229	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	37461	3.208	ug/L	92
29) 1,1,1-Trichloroethane	5.309	97	26319	1.073	ug/L	98
34) Trichloroethene	6.537	95	51399	3.593	ug/L	97
35) Methylcyclohexane	6.682	83	19622	1.042	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8607	0.707	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	8196	1.296	ug/L #	64

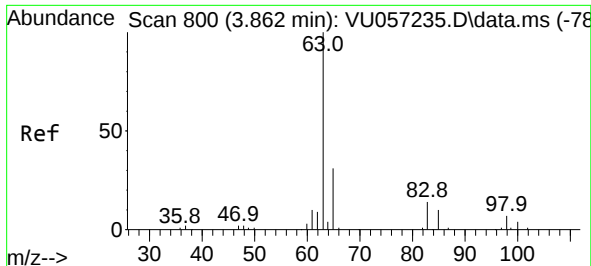
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.229 ug/L

RT: 3.859 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU057245.D

Acq: 26 Dec 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

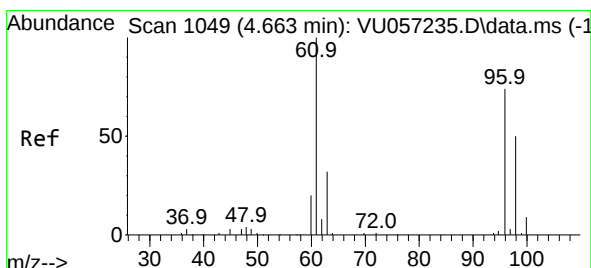
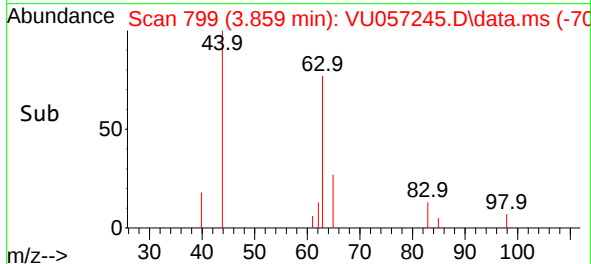
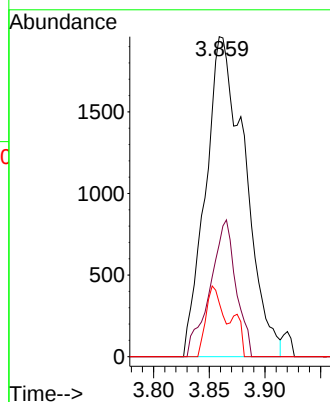
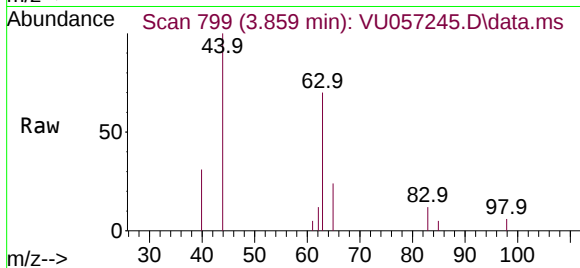
Tgt Ion: 63 Resp: 4818

Ion Ratio Lower Upper

63 100

65 35.1 21.6 40.2

83 16.8 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 3.208 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU057245.D

Acq: 26 Dec 2023 19:35

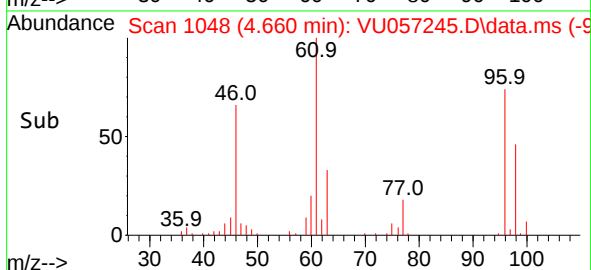
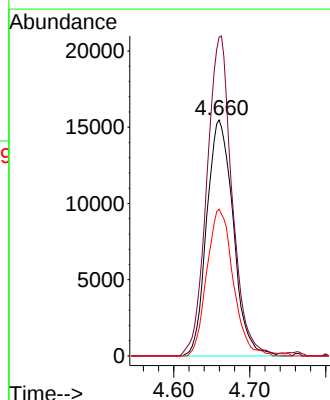
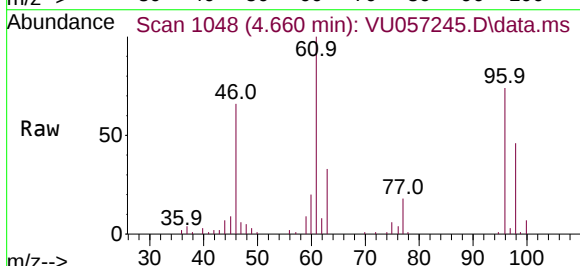
Tgt Ion: 96 Resp: 37461

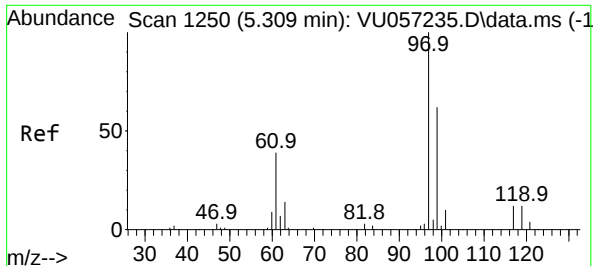
Ion Ratio Lower Upper

96 100

61 135.0 86.8 161.2

98 62.1 45.5 84.5

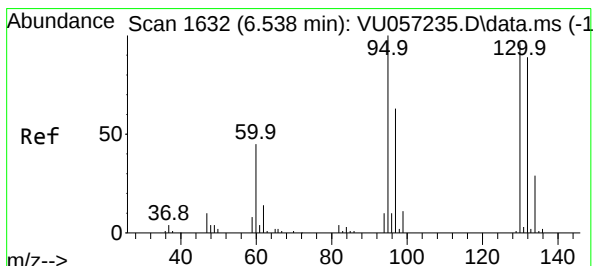
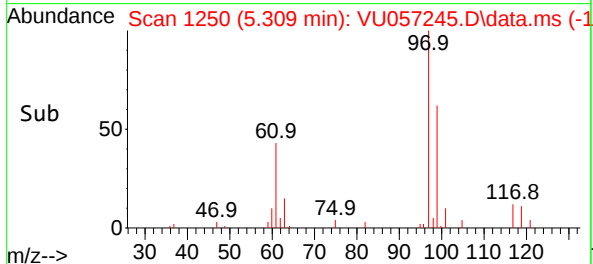
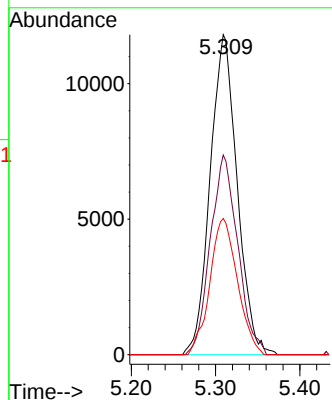
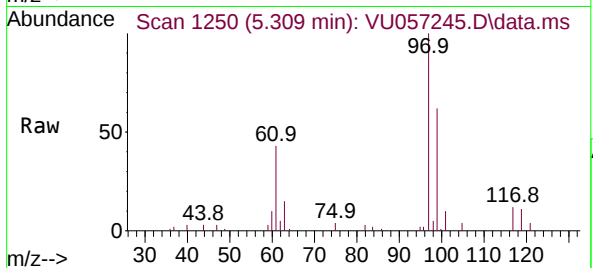




#29
1,1,1-Trichloroethane
Concen: 1.073 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU057245.D
Acq: 26 Dec 2023 19:35

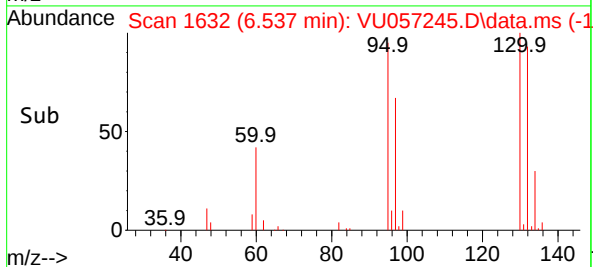
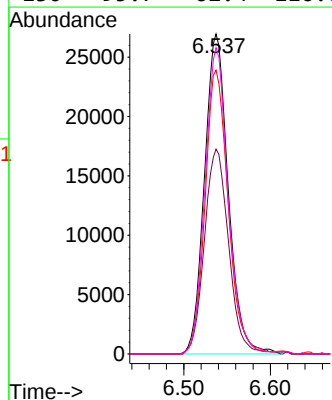
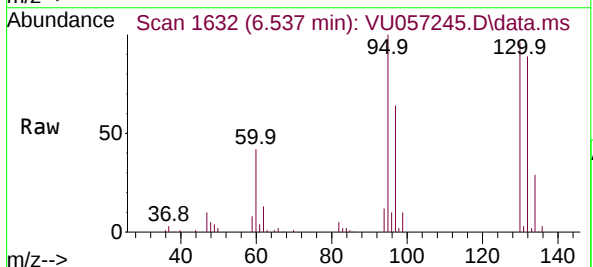
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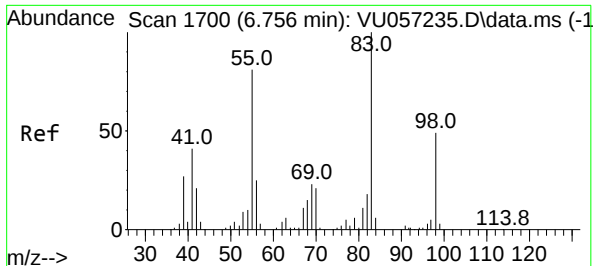
Tgt Ion:	97	Resp:	26319
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.2	76.8
61	43.5	32.5	48.7



#34
Trichloroethene
Concen: 3.593 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057245.D
Acq: 26 Dec 2023 19:35

Tgt Ion:	95	Resp:	51399
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.3	82.3
132	88.7	62.6	116.2
130	95.7	62.4	116.0

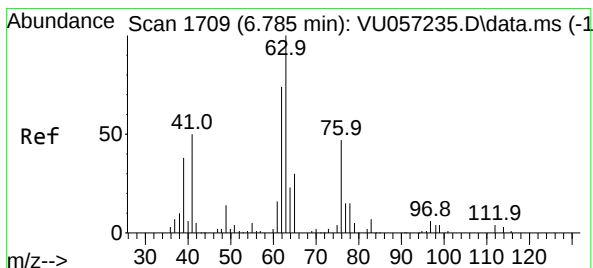
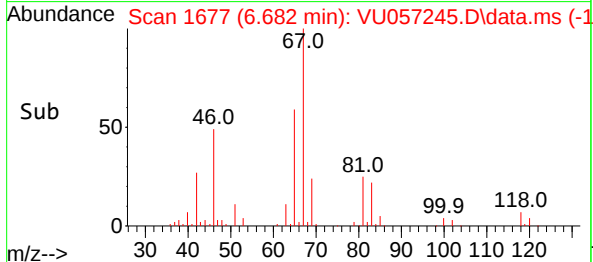
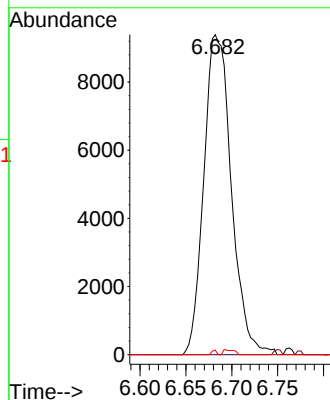
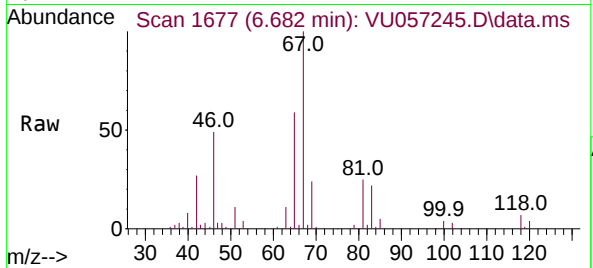




#35
Methylcyclohexane
Concen: 1.042 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057245.D
Acq: 26 Dec 2023 19:35

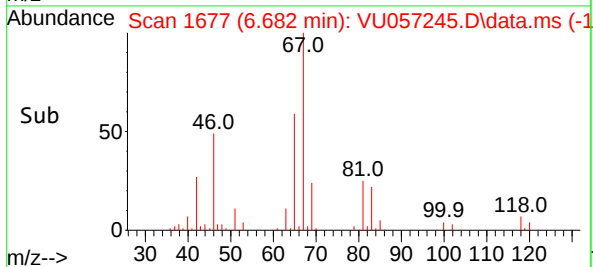
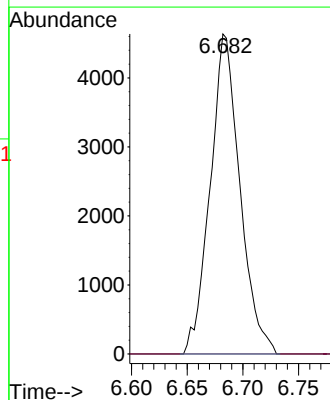
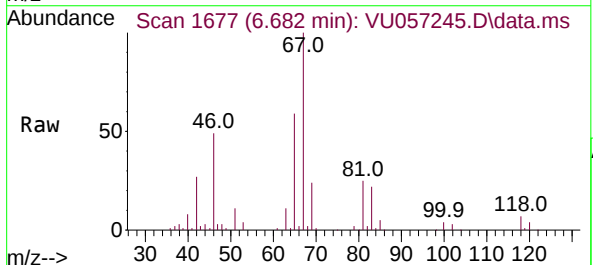
Instrument :
MSVOA_U
ClientSampleId :

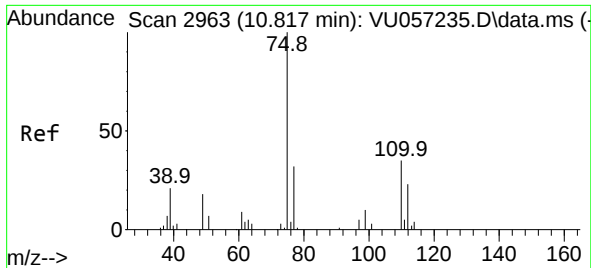
Tgt Ion: 83 Resp: 19622
Ion Ratio Lower Upper
83 100
55 0.4 61.3 91.9#
98 0.6 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.707 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU057245.D
Acq: 26 Dec 2023 19:35

Tgt Ion: 63 Resp: 8607
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#61

1,2,3-Trichloropropane

Concen: 1.296 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

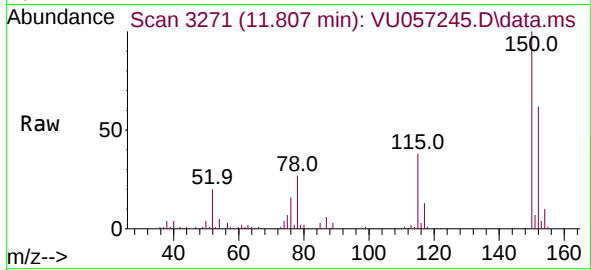
Lab File: VU057245.D

Acq: 26 Dec 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 8196

Ion Ratio Lower Upper

75 100

110 3.5 31.2 46.8#

77 36.4 25.5 38.3

