

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057230.D
 Acq On : 23 Dec 2023 08:17
 Operator : MD/SY
 Sample : 05979-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 25 00:17:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 23 00:27:07 2023
 Response via : Initial Calibration

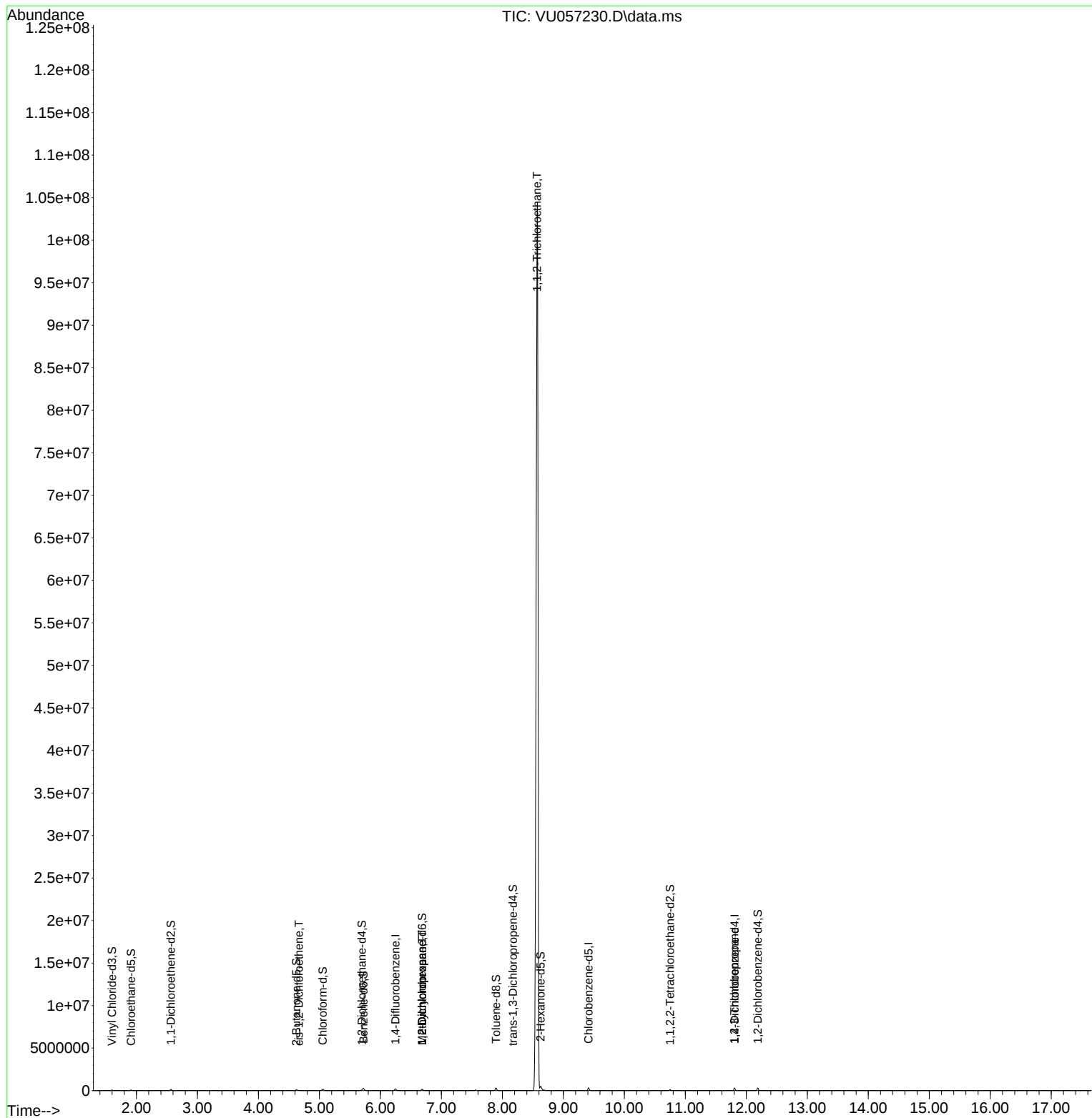
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	169876	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	180454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	64893	3.997	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.000%	
7) Chloroethane-d5	1.911	69	58281	4.361	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.563	65	28917	4.111	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5	4.621	46	141558	55.528	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.060%	
24) Chloroform-d	5.055	84	143446	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.695	65	69140	4.627	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
32) Benzene-d6	5.721	84	257895	4.167	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
36) 1,2-Dichloropropane-d6	6.685	67	81918	4.651	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.894	98	212986	3.769	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.400%	
43) trans-1,3-Dichloroprop...	8.174	79	29188	3.981	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.627	63	134342	53.816	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.640%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62747	5.006	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	78013	4.622	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.400%	
Target Compounds						
22) cis-1,2-Dichloroethene	4.663	96	3293	0.241	ug/L	91
35) Methylcyclohexane	6.685	83	20291	0.921	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9506	0.668	ug/L #	88
45) 1,1,2-Trichloroethane	8.570	97	286253	29.157	ug/L #	26
61) 1,2,3-Trichloropropane	11.804	75	9854	1.348	ug/L #	66

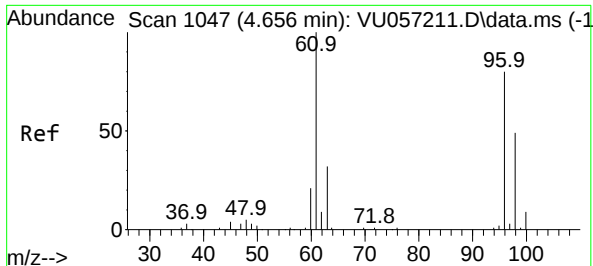
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.241 ug/L

RT: 4.663 min Scan# 1047

Delta R.T. 0.007 min

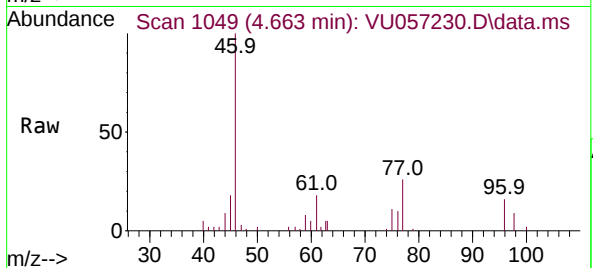
Lab File: VU057230.D

Acq: 23 Dec 2023 08:17

Instrument :

MSVOA_U

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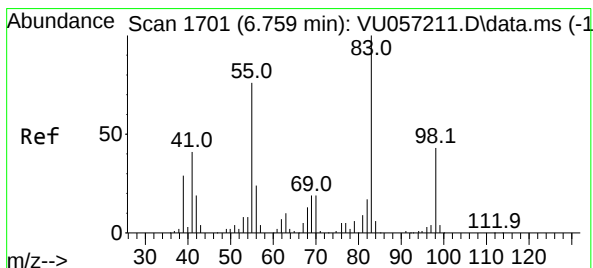
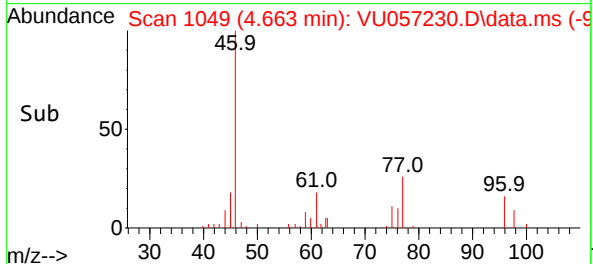
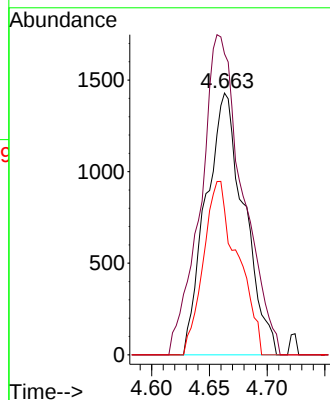
Tgt Ion: 96 Resp: 3293

Ion Ratio Lower Upper

96 100

61 115.0 86.8 161.2

98 55.4 45.5 84.5



#35

Methylcyclohexane

Concen: 0.921 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU057230.D

Acq: 23 Dec 2023 08:17

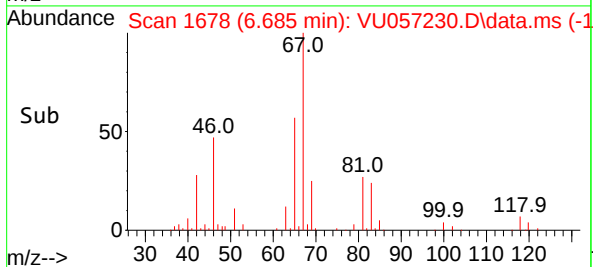
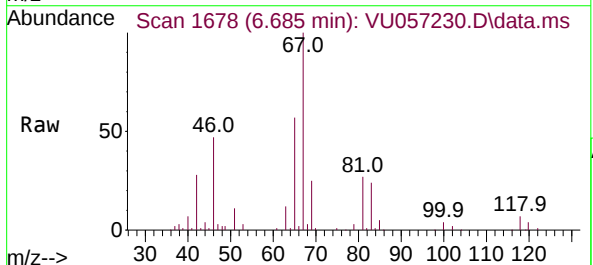
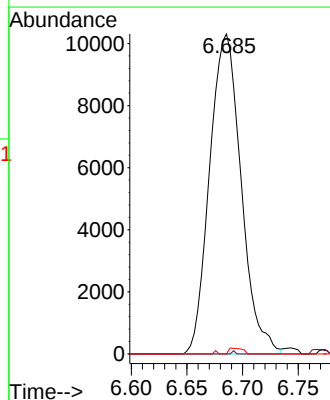
Tgt Ion: 83 Resp: 20291

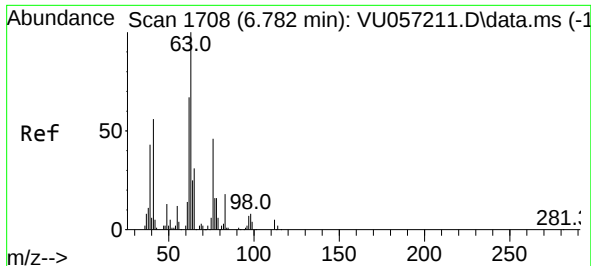
Ion Ratio Lower Upper

83 100

55 0.1 61.3 91.9#

98 0.8 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.668 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU057230.D

Acq: 23 Dec 2023 08:17

Instrument :

MSVOA_U

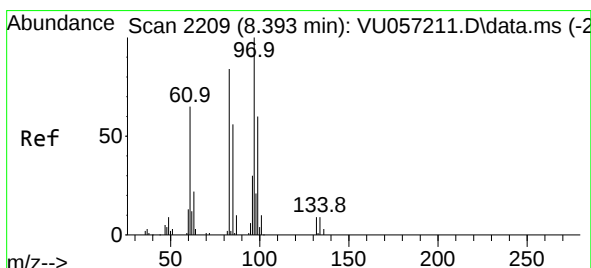
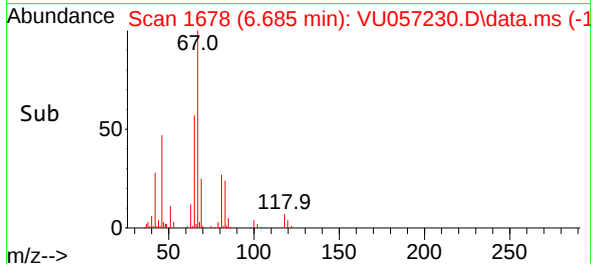
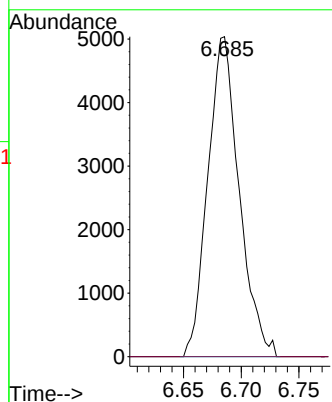
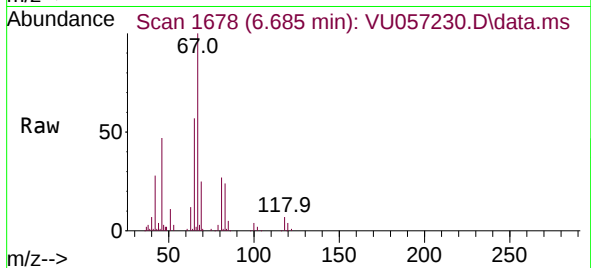
ClientSampleId :

Tgt Ion: 63 Resp: 9506

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#45

1,1,2-Trichloroethane

Concen: 29.157 ug/L

RT: 8.570 min Scan# 2264

Delta R.T. 0.177 min

Lab File: VU057230.D

Acq: 23 Dec 2023 08:17

Tgt Ion: 97 Resp: 286253

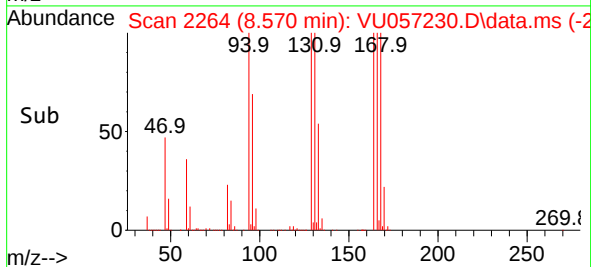
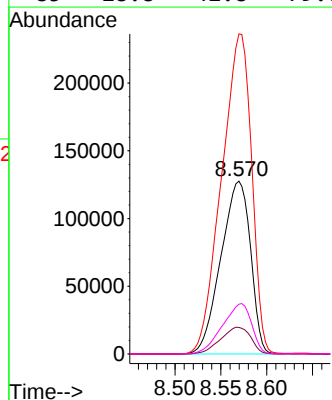
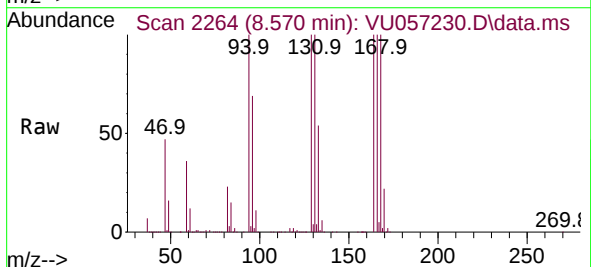
Ion Ratio Lower Upper

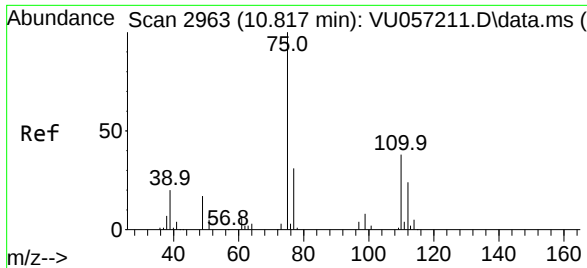
97 100

99 15.4 47.0 87.2#

83 185.1 62.1 115.3#

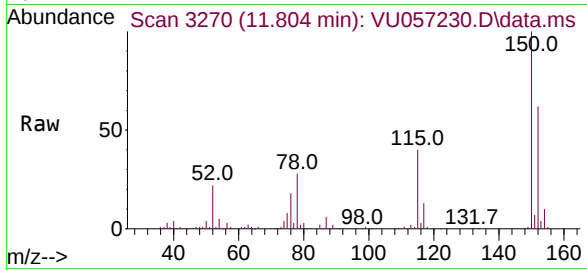
85 28.8 42.8 79.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.348 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057230.D
 Acq: 23 Dec 2023 08:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9854
 Ion Ratio Lower Upper
 75 100
 110 3.1 31.2 46.8#
 77 34.4 25.5 38.3

