

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057050.D
 Acq On : 19 Dec 2023 17:35
 Operator : MD/SY
 Sample : 05843-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 04:59:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

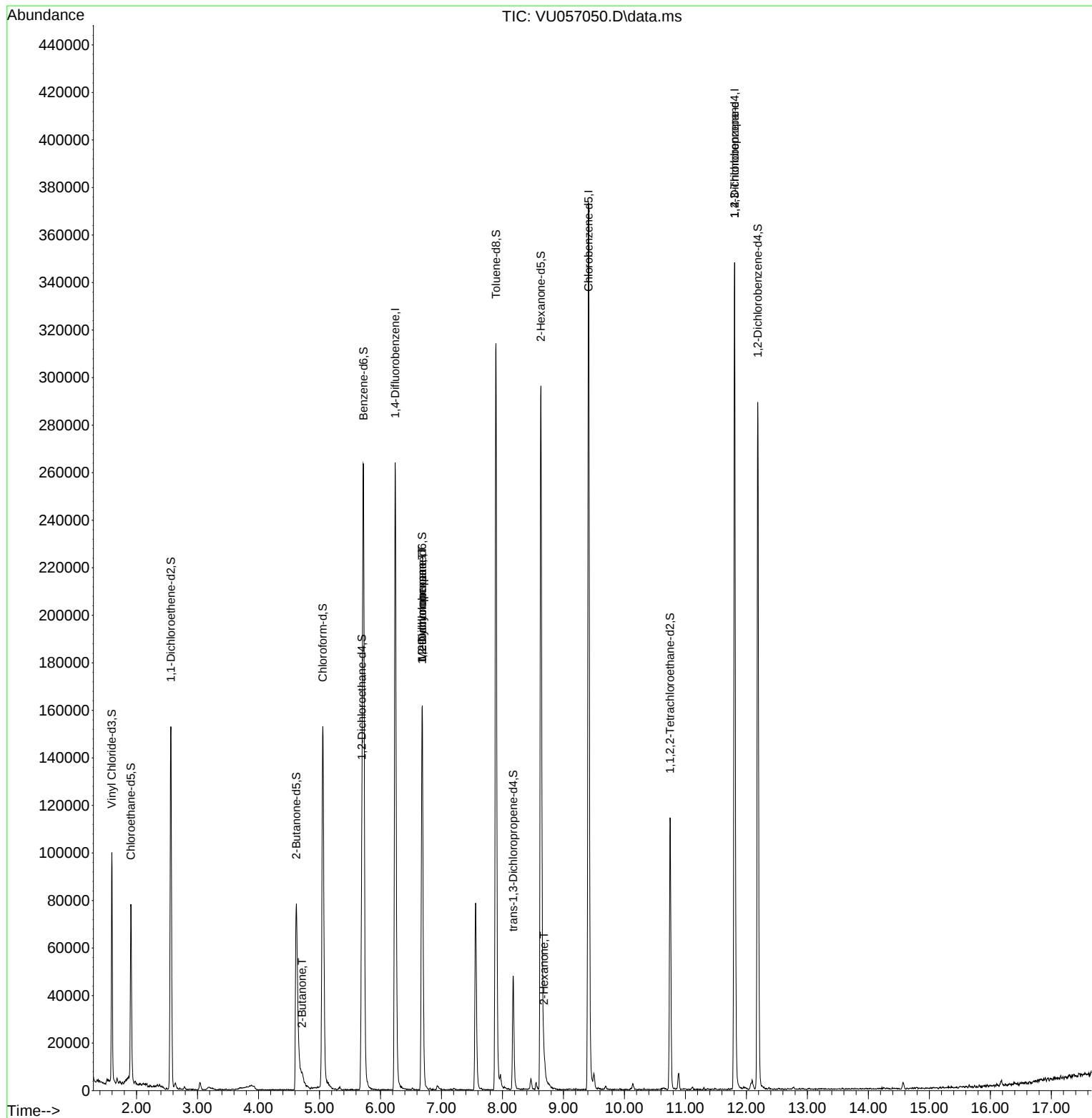
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	208553	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	210886	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68491	3.831	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.600%	
7) Chloroethane-d5	1.907	69	55727	4.166	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.563	65	28996	3.791	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	4.621	46	128791	36.481	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.960%	
24) Chloroform-d	5.055	84	141984	4.194	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
26) 1,2-Dichloroethane-d4	5.695	65	68906	4.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
32) Benzene-d6	5.721	84	253365	3.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.400%	
36) 1,2-Dichloropropane-d6	6.682	67	78314	3.825	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.600%	
41) Toluene-d8	7.894	98	213581	3.653	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.000%	
43) trans-1,3-Dichloroprop...	8.177	79	29309	3.691	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.631	63	102382	34.190	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.380%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57114	3.856	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	73958	4.077	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.600%	
Target Compounds						
21) 2-Butanone	4.714	43	5879	1.620	ug/L	77
35) Methylcyclohexane	6.685	83	19352	0.645	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	9101	0.480	ug/L #	88
48) 2-Hexanone	8.682	43	4693	0.732	ug/L #	43
61) 1,2,3-Trichloropropane	11.807	75	10747	1.085	ug/L #	67

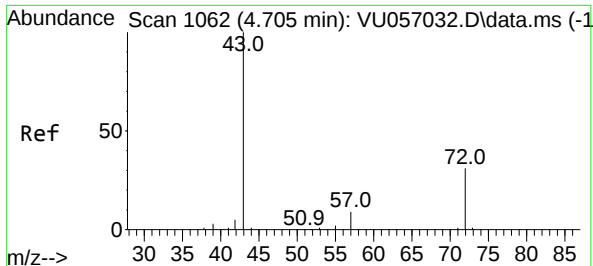
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 1.620 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. 0.010 min

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Instrument :

MSVOA_U

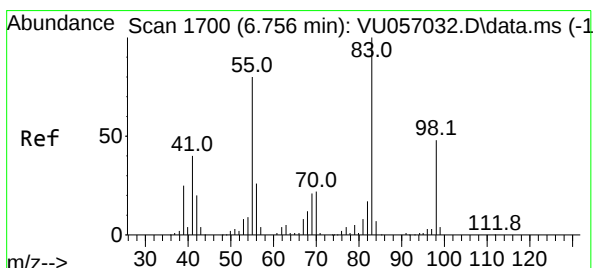
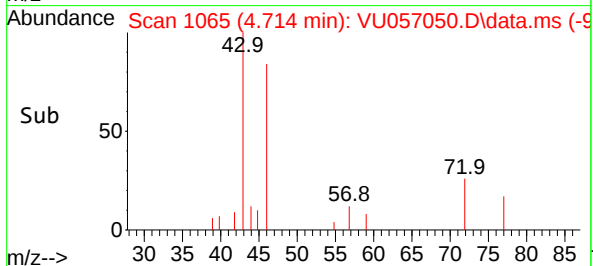
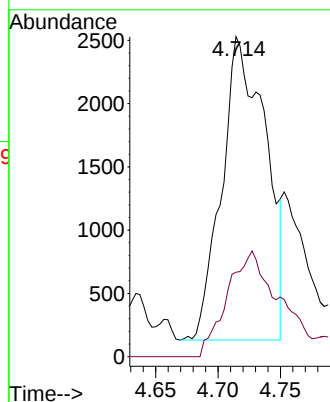
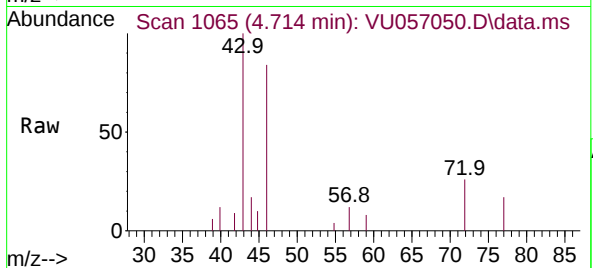
ClientSampleId :

Tgt Ion: 43 Resp: 5879

Ion Ratio Lower Upper

43 100

72 41.3 14.6 43.8



#35

Methylcyclohexane

Concen: 0.645 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

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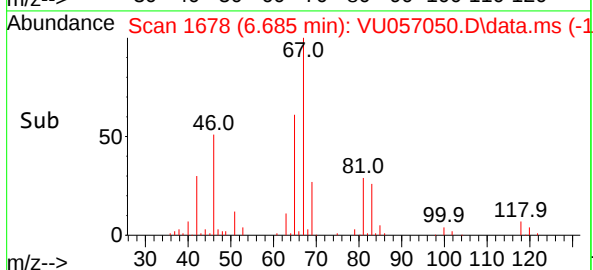
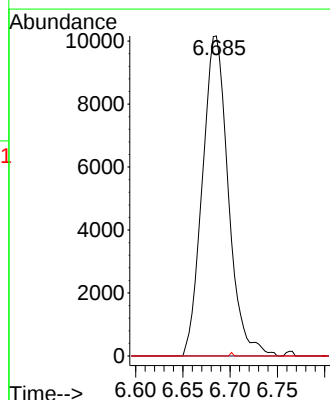
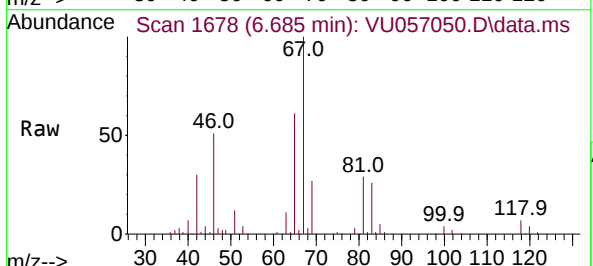
Tgt Ion: 83 Resp: 19352

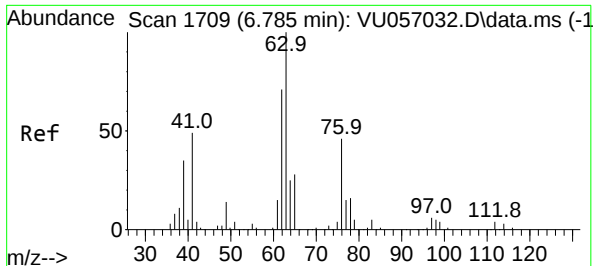
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.1 36.1 54.1#

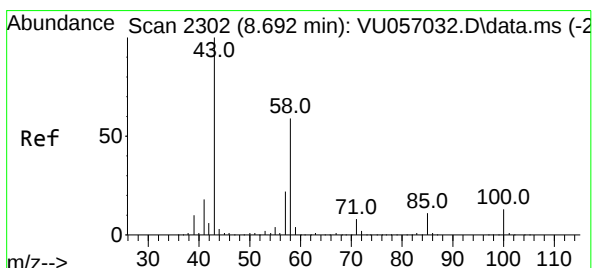
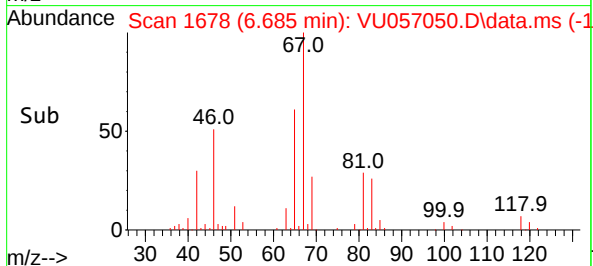
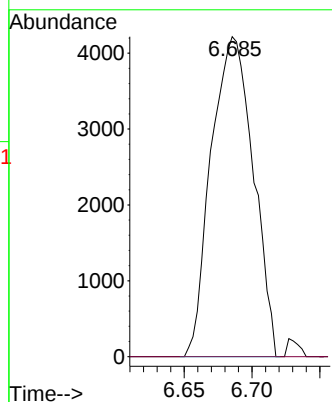
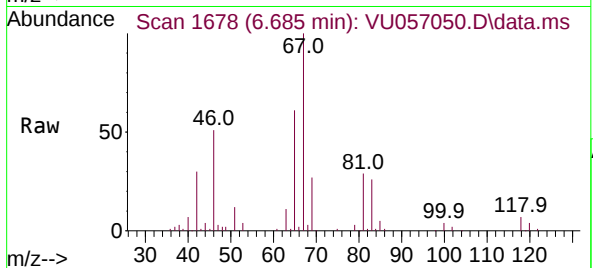




#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU057050.D
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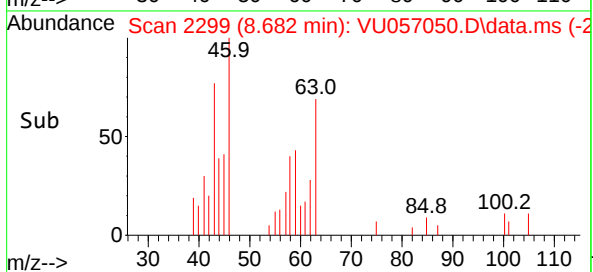
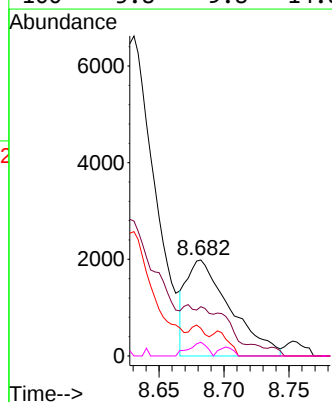
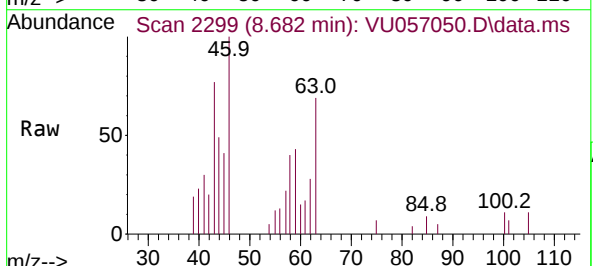
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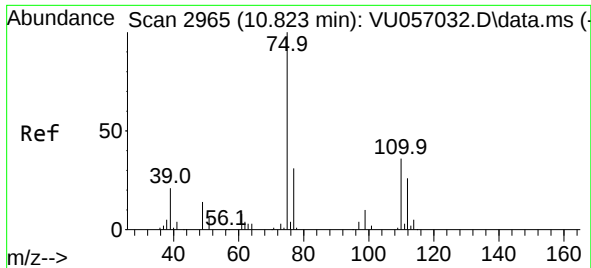
Tgt Ion: 63 Resp: 9101
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#48
2-Hexanone
Concen: 0.732 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.010 min
Lab File: VU057050.D
Acq: 19 Dec 2023 17:35

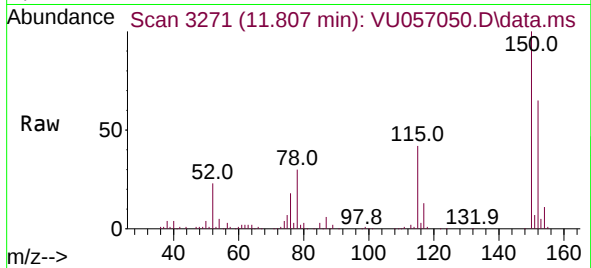
Tgt Ion: 43 Resp: 4693
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 12.9 17.0 25.4#
100 5.8 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.085 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU057050.D
 Acq: 19 Dec 2023 17:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10747
 Ion Ratio Lower Upper
 75 100
 110 3.6 28.4 42.6#
 77 38.8 26.3 39.5

