

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057167.D
 Acq On : 22 Dec 2023 04:54
 Operator : MD/SY
 Sample : 05912-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 07:07:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 01:33:10 2023
 Response via : Initial Calibration

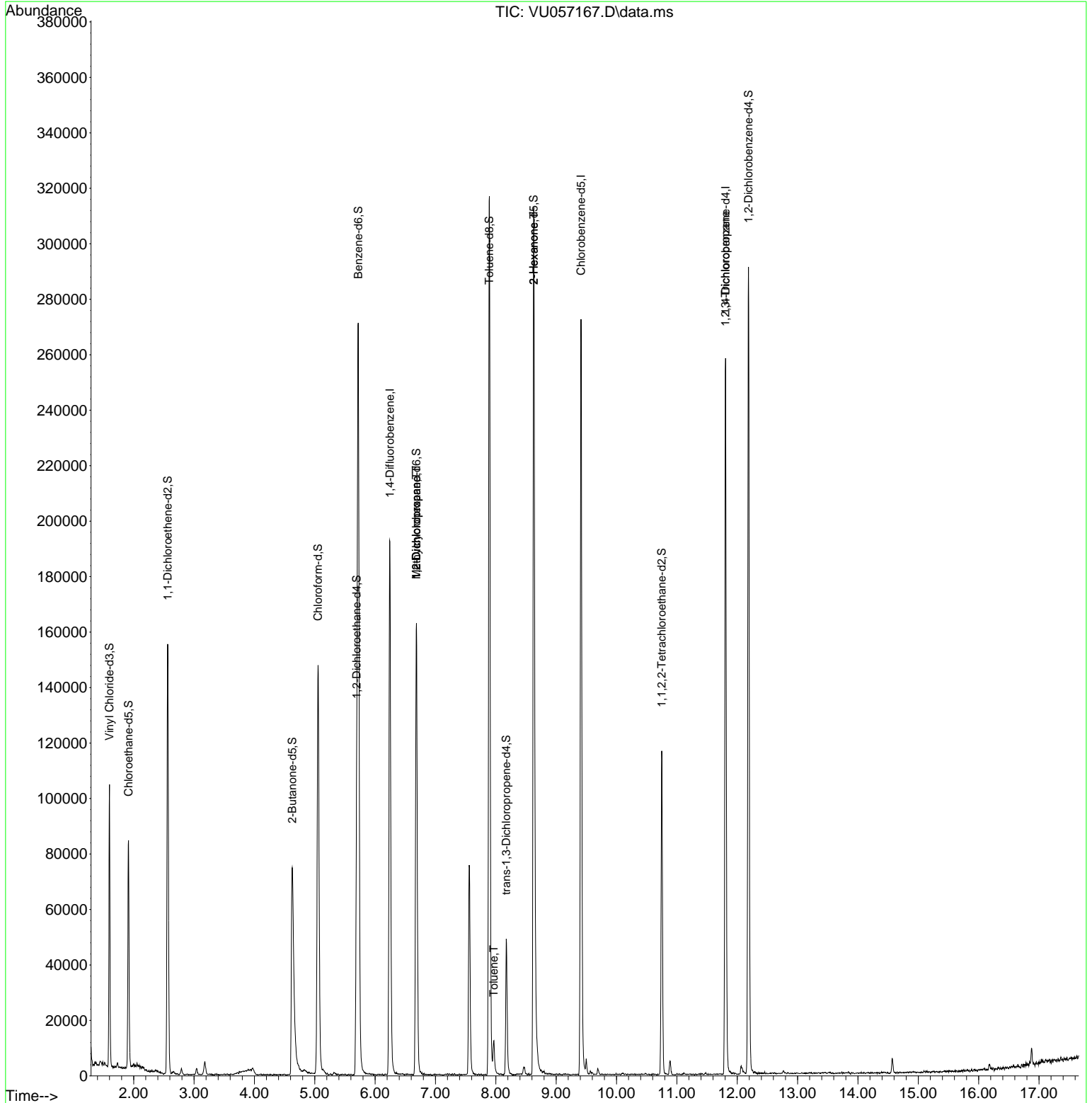
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	156654	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67189	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69616	4.649	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.000%	
7) Chloroethane-d5	1.914	69	61015	4.950	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.563	65	29608	4.564	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.628	46	125049	53.192	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.380%	
24) Chloroform-d	5.055	84	137478	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.695	65	69766	5.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.721	84	256372	4.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.685	67	75846	5.125	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.891	98	220096	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	8.174	79	27982	4.543	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.627	63	109111	52.025	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.040%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55062	5.229	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	78014	5.396	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
35) Methylcyclohexane	6.685	83	18752	1.013	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	8860	0.741	ug/L #	88
42) Toluene	7.965	91	8217	0.161	ug/L	82
48) 2-Hexanone	8.631	43	12973	3.393	ug/L #	78
61) 1,2,3-Trichloropropane	11.804	75	8290	1.324	ug/L #	62

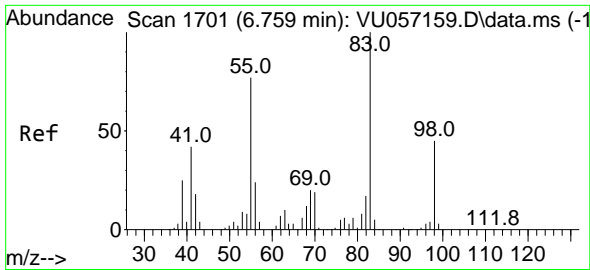
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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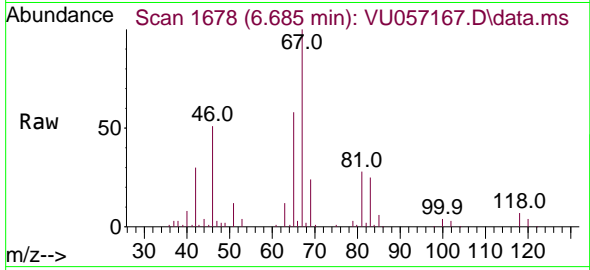
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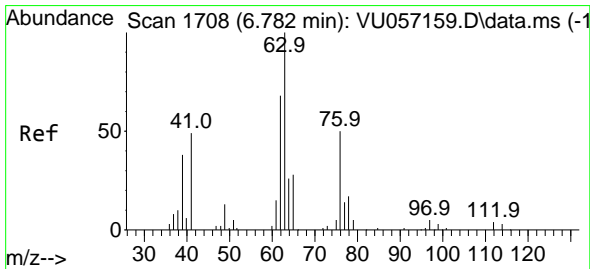
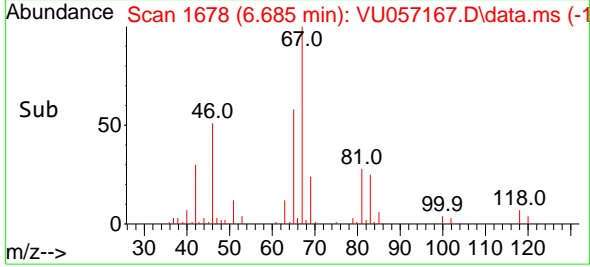
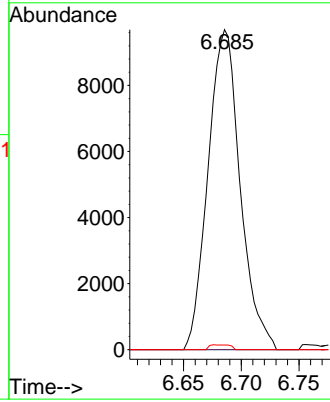


#35
 Methylcyclohexane
 Concen: 1.013 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.074 min
 Lab File: VU057167.D
 Acq: 22 Dec 2023 04:54

Instrument : MSVOA_U
 ClientSampleId :

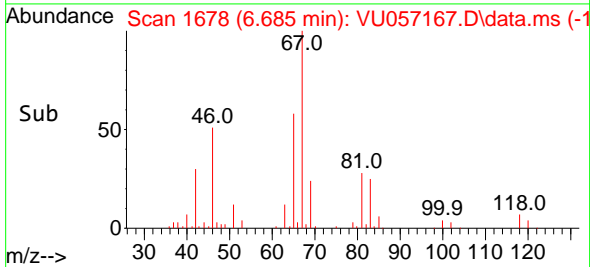
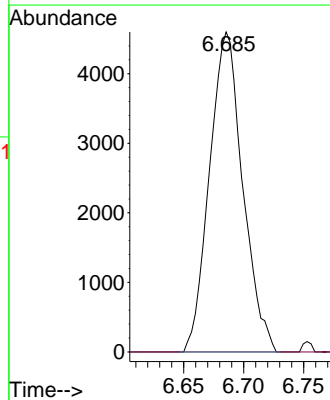
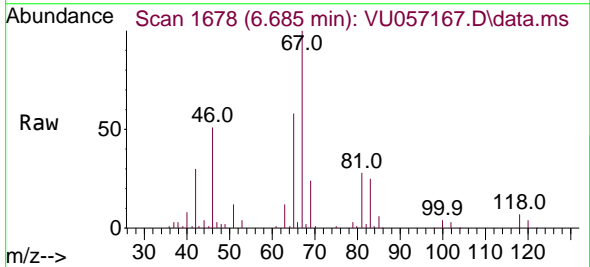


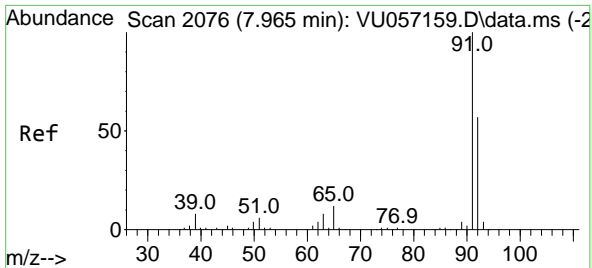
Tgt Ion: 83 Resp: 18752
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.3 91.9#
 98 1.0 36.6 55.0#



#37
 1,2-Dichloropropane
 Concen: 0.741 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.097 min
 Lab File: VU057167.D
 Acq: 22 Dec 2023 04:54

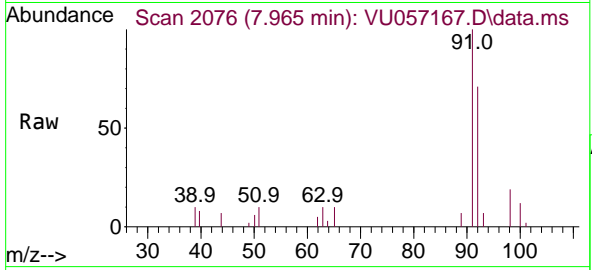
Tgt Ion: 63 Resp: 8860
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



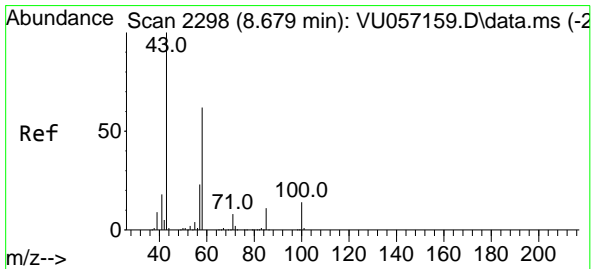
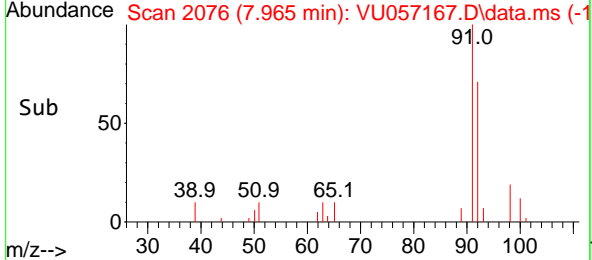
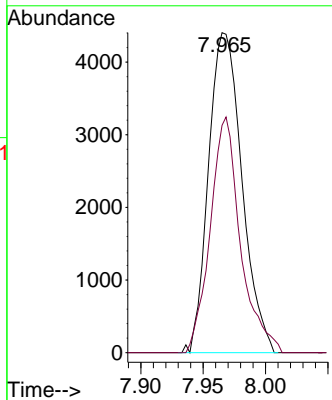


#42
 Toluene
 Concen: 0.161 ug/L
 RT: 7.965 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: VU057167.D
 Acq: 22 Dec 2023 04:54

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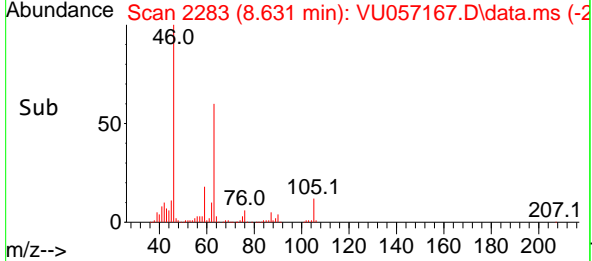
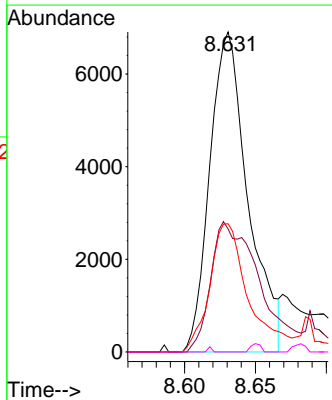
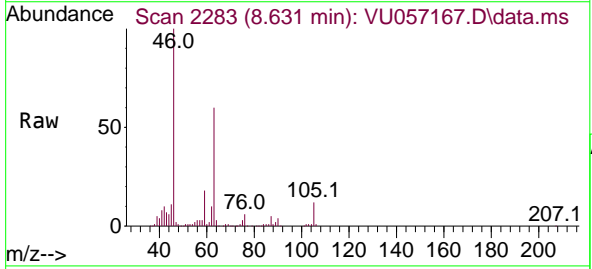


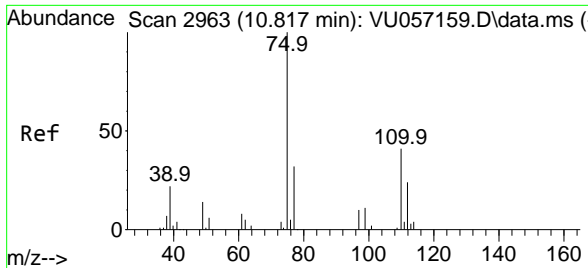
Tgt Ion: 91 Resp: 8217
 Ion Ratio Lower Upper
 91 100
 92 71.0 40.5 75.1



#48
 2-Hexanone
 Concen: 3.393 ug/L
 RT: 8.631 min Scan# 2283
 Delta R.T. -0.048 min
 Lab File: VU057167.D
 Acq: 22 Dec 2023 04:54

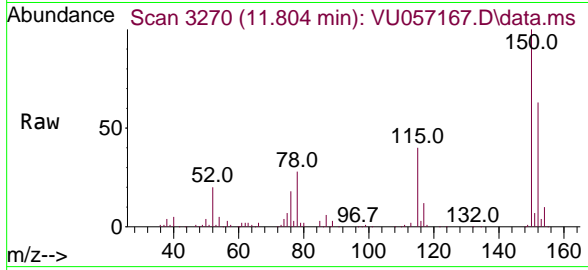
Tgt Ion: 43 Resp: 12973
 Ion Ratio Lower Upper
 43 100
 58 51.8 49.8 74.8
 57 40.5 18.5 27.7#
 100 0.2 11.1 16.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.324 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057167.D
 Acq: 22 Dec 2023 04:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8290

Ion	Ratio	Lower	Upper
75	100		
110	0.5	31.2	46.8#
77	35.5	25.5	38.3

