

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055057.D
 Acq On : 01 Sep 2023 22:00
 Operator : MD/SY
 Sample : 04230-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:51:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

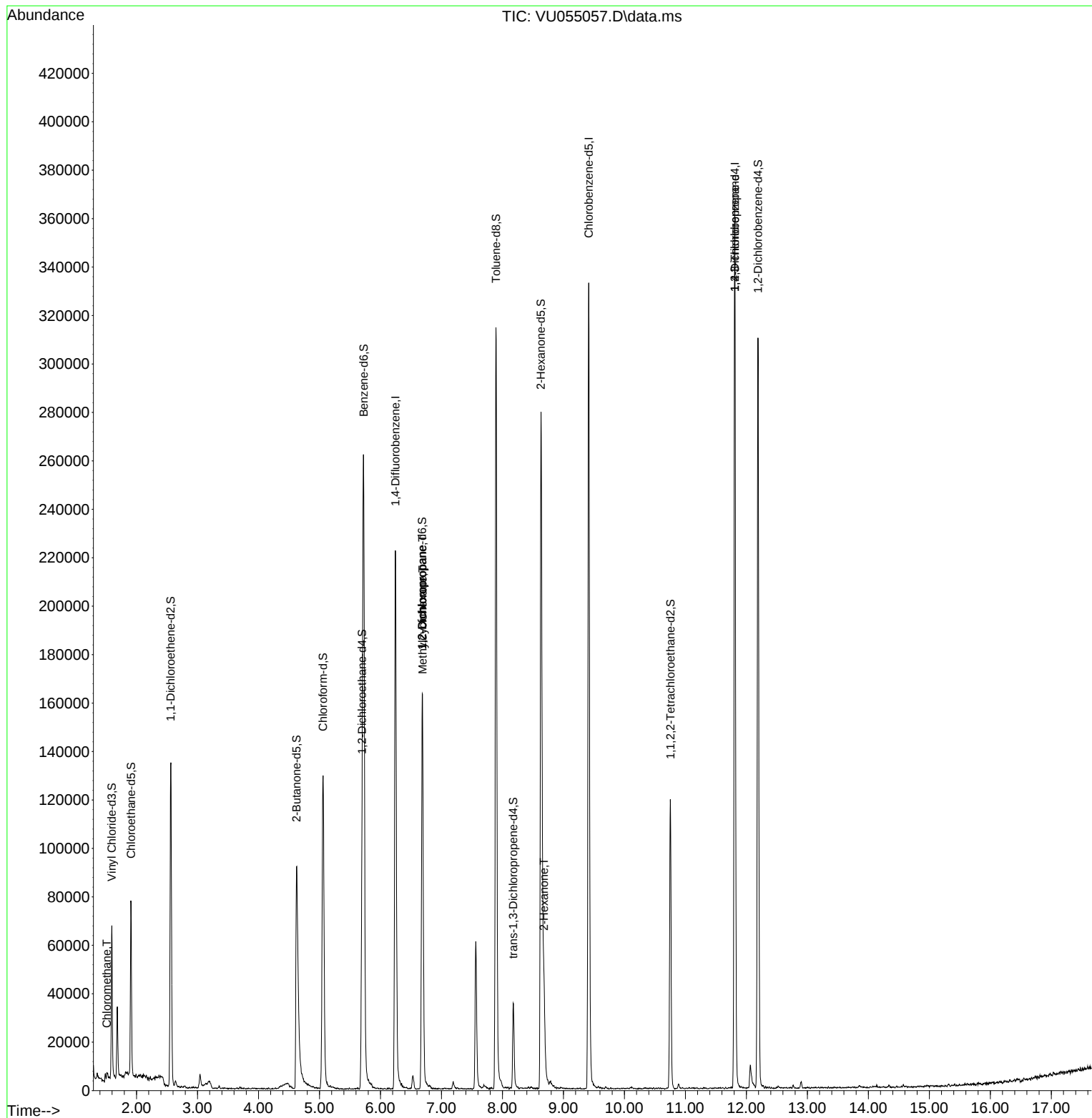
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	179733	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	94171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41823	4.965	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.200%	
7) Chloroethane-d5	1.911	69	50787	5.208	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.560	65	25458	5.304	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	106.000%	
20) 2-Butanone-d5	4.624	46	148757	60.854	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.700%	
24) Chloroform-d	5.058	84	120700	5.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.000%	
26) 1,2-Dichloroethane-d4	5.698	65	66097	5.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	118.200%	
32) Benzene-d6	5.724	84	244699	5.434	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.600%	
36) 1,2-Dichloropropane-d6	6.685	67	80227	5.601	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.000%	
41) Toluene-d8	7.894	98	212363	5.119	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
43) trans-1,3-Dichloroprop...	8.177	79	20714	5.252	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.000%	
46) 2-Hexanone-d5	8.630	63	90669	56.623	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.240%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	58325	5.790	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	78099	5.682	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.600%	
Target Compounds						
3) Chloromethane	1.515	50	1637	0.154	ug/L	92
35) Methylcyclohexane	6.692	83	17622	1.164	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	9196	0.870	ug/L #	89
48) 2-Hexanone	8.682	43	22104	4.680	ug/L #	77
61) 1,2,3-Trichloropropane	11.810	75	12729	2.037	ug/L #	68

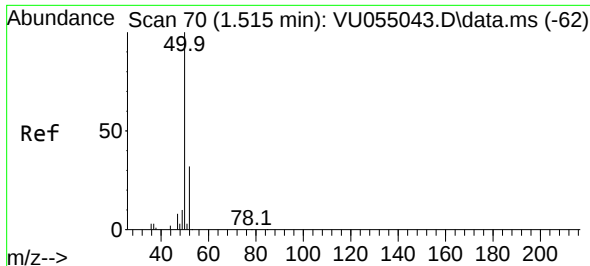
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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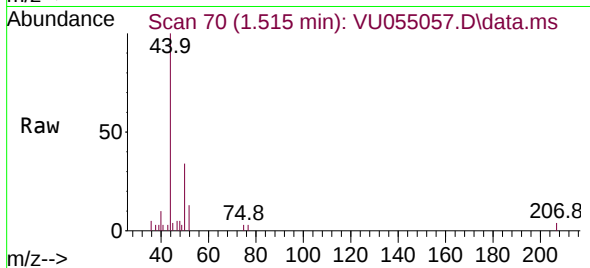
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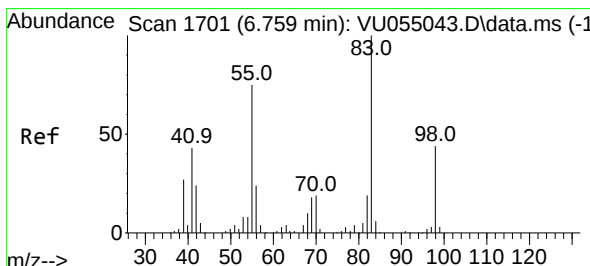
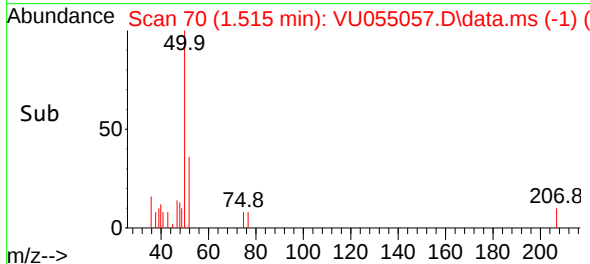
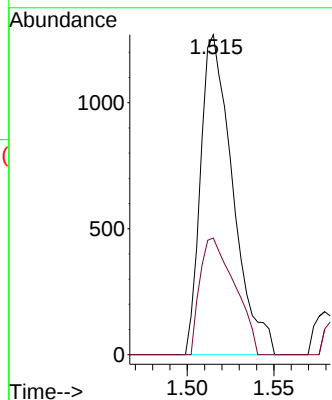


#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU055057.D
Acq: 01 Sep 2023 22:00

Instrument :
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ClientSampleId :

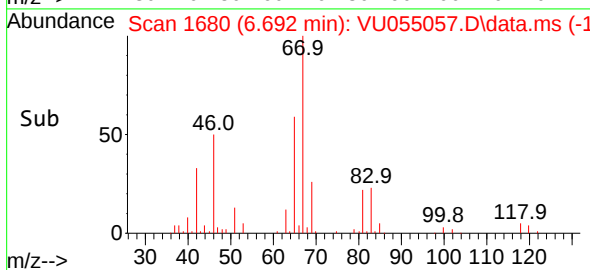
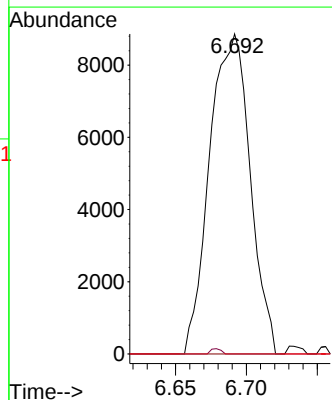
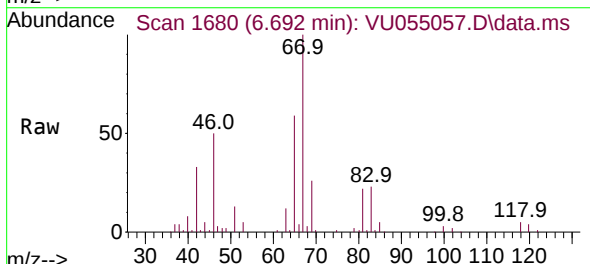


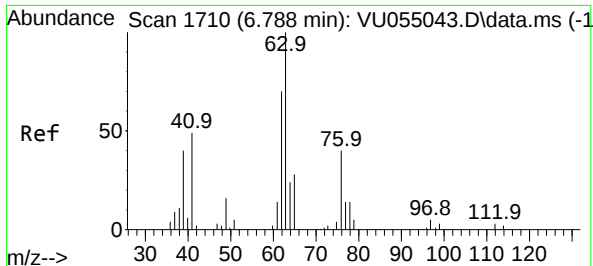
Tgt Ion: 50 Resp: 1637
Ion Ratio Lower Upper
50 100
52 36.5 22.5 41.7



#35
Methylcyclohexane
Concen: 1.164 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.068 min
Lab File: VU055057.D
Acq: 01 Sep 2023 22:00

Tgt Ion: 83 Resp: 17622
Ion Ratio Lower Upper
83 100
55 0.4 60.4 90.6#
98 0.8 35.3 52.9#

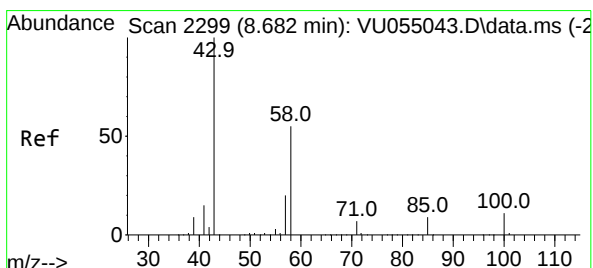
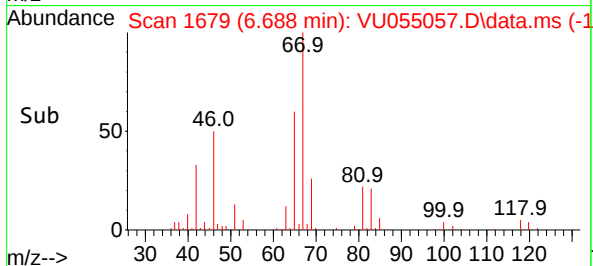
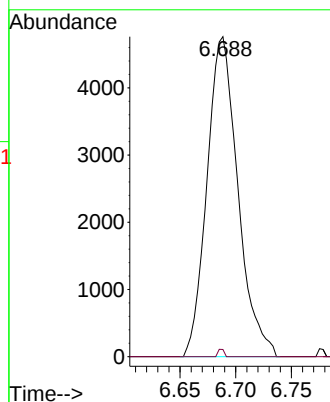
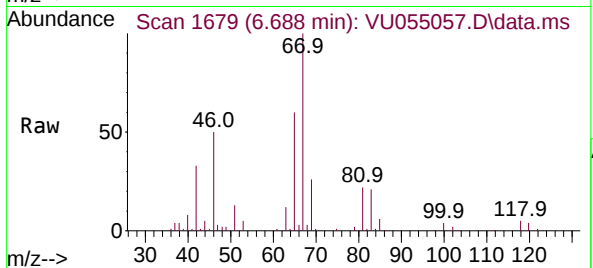




#37
1,2-Dichloropropane
Concen: 0.870 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055057.D
Acq: 01 Sep 2023 22:00

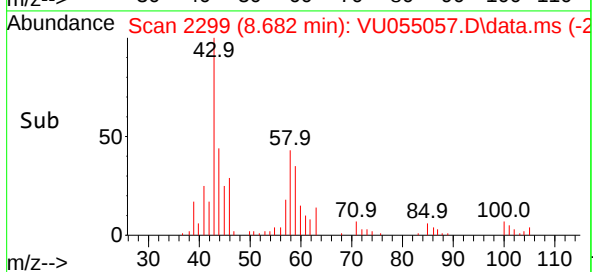
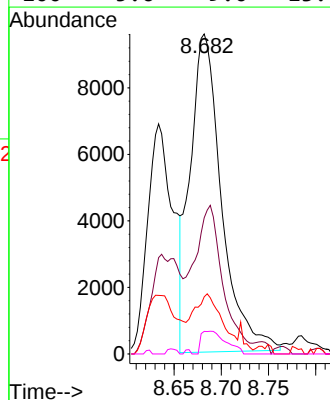
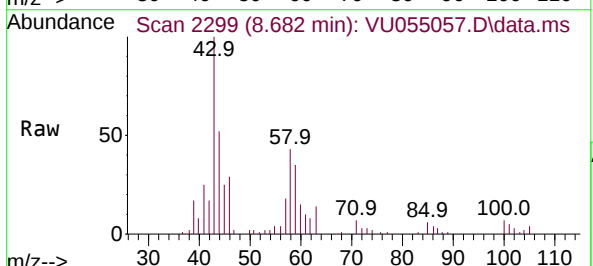
Instrument :
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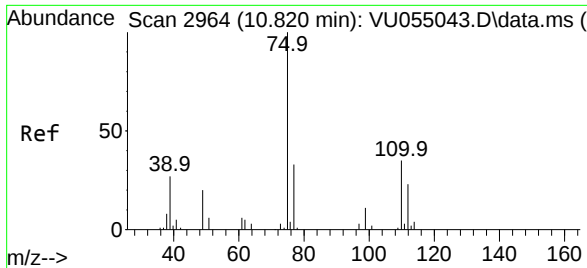
Tgt Ion: 63 Resp: 9196
Ion Ratio Lower Upper
63 100
112 0.5 3.2 4.8#



#48
2-Hexanone
Concen: 4.680 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055057.D
Acq: 01 Sep 2023 22:00

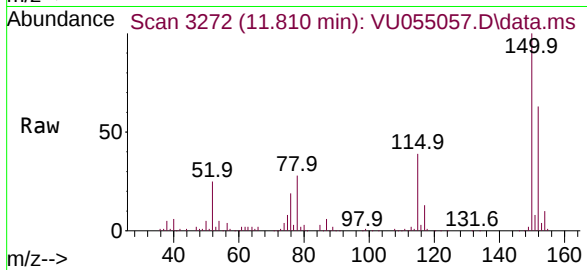
Tgt Ion: 43 Resp: 22104
Ion Ratio Lower Upper
43 100
58 35.7 44.0 66.0#
57 12.6 16.2 24.2#
100 5.6 9.0 13.4#





#61
1,2,3-Trichloropropane
Concen: 2.037 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055057.D
Acq: 01 Sep 2023 22:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.1	28.2	42.2#
77	35.9	26.2	39.4

