

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057745.D
 Acq On : 30 Jan 2024 15:48
 Operator : MD/SY
 Sample : P1239-16DL 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 22:37:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

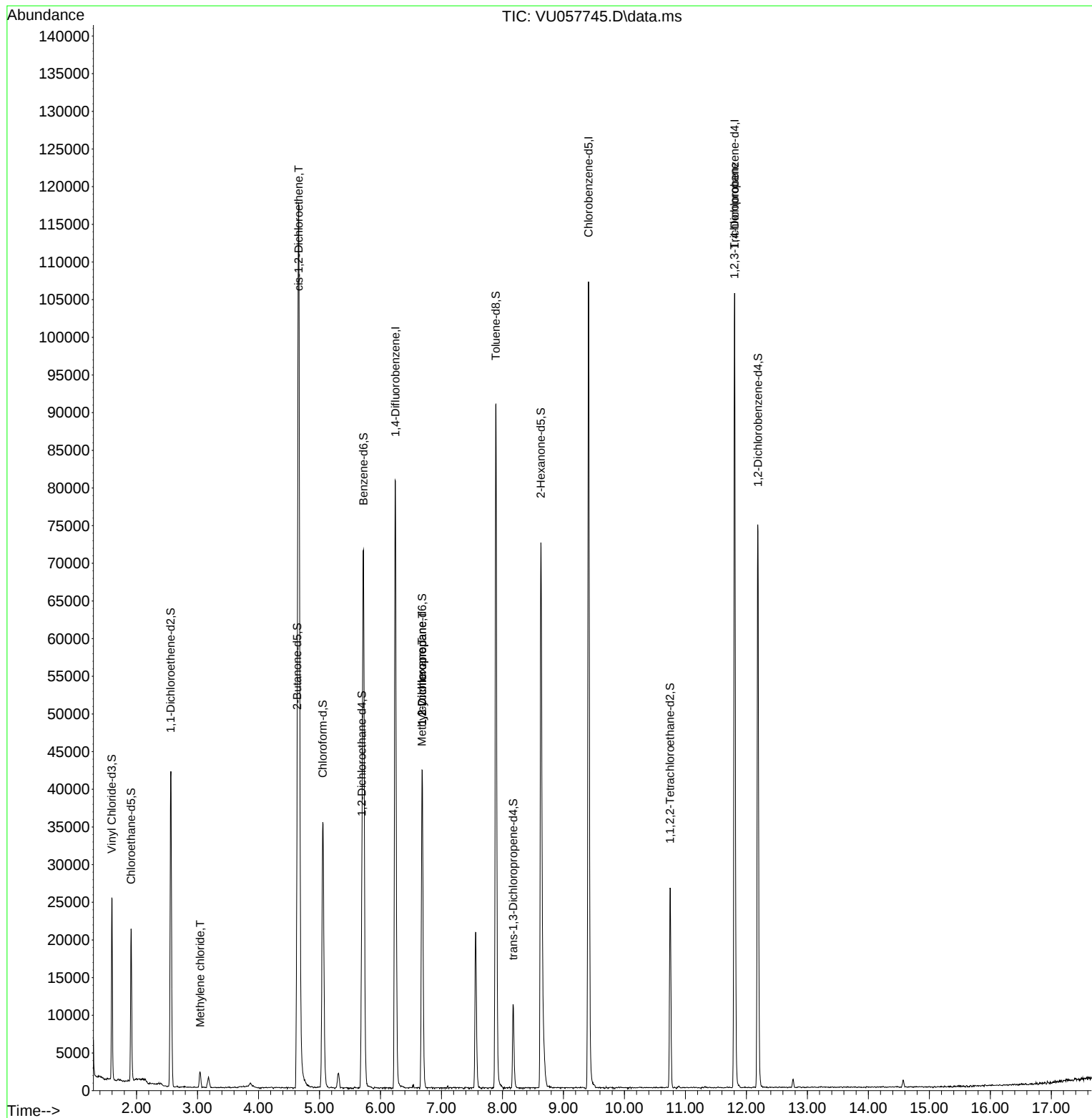
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	66863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	60043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17207	4.671	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.911	69	14738	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.560	65	7886	4.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.634	46	34116	49.090	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.180%
24) Chloroform-d	5.055	84	33666	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	16879	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.721	84	68338	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	20547	4.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.891	98	62316	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.177	79	7227	4.269	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.631	63	25819	47.796	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13049	4.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	19535	5.057	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	1138	0.218	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	56897	10.340	ug/L	99
35) Methylcyclohexane	6.679	83	4530	0.494	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2362	0.458	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	3568	1.292	ug/L #	65

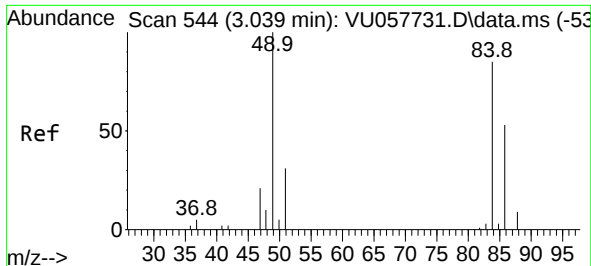
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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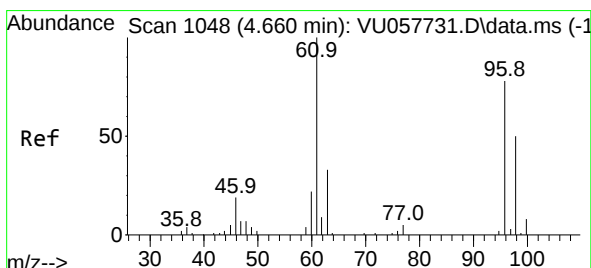
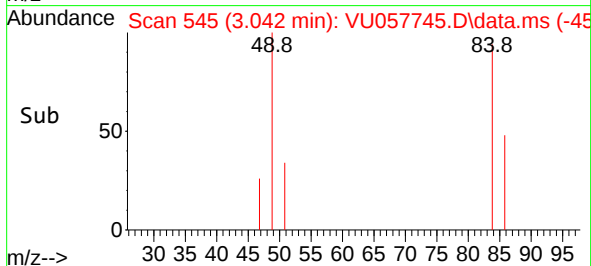
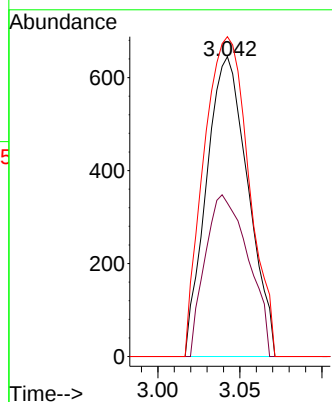
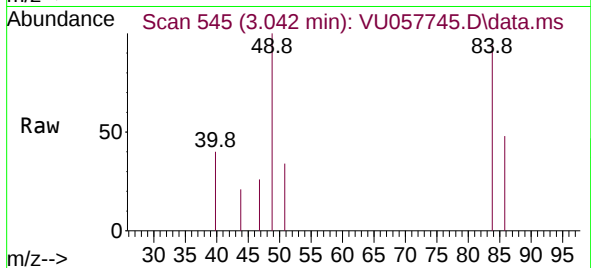




#16
Methylene chloride
Concen: 0.218 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057745.D
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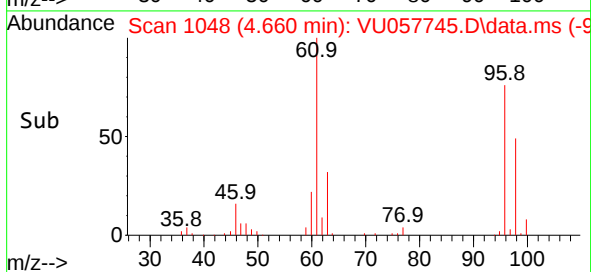
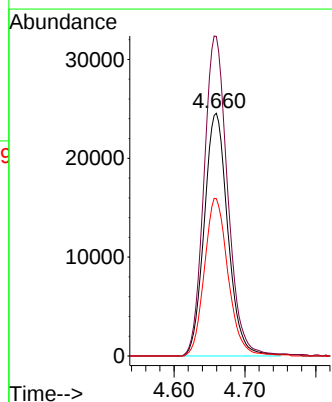
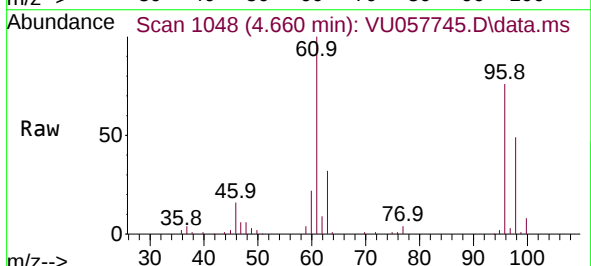
Instrument :
MSVOA_U
ClientSampleId :

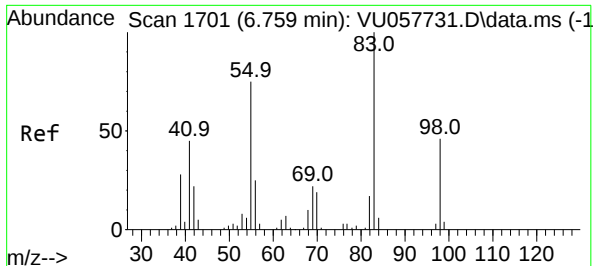
Tgt Ion: 84 Resp: 1138
Ion Ratio Lower Upper
84 100
86 51.2 43.5 80.9
49 106.7 82.5 153.1



#22
cis-1,2-Dichloroethene
Concen: 10.340 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU057745.D
Acq: 30 Jan 2024 15:48

Tgt Ion: 96 Resp: 56897
Ion Ratio Lower Upper
96 100
61 131.6 92.7 172.1
98 64.8 44.9 83.5





#35

Methylcyclohexane

Concen: 0.494 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.080 min

Lab File: VU057745.D

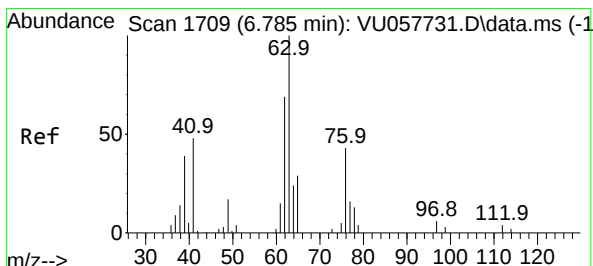
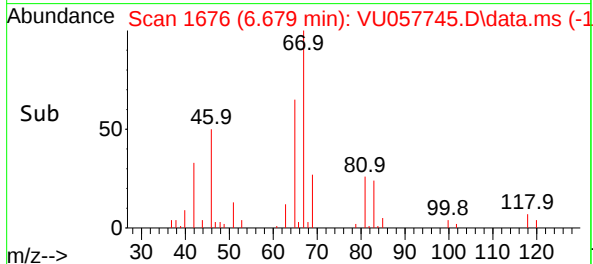
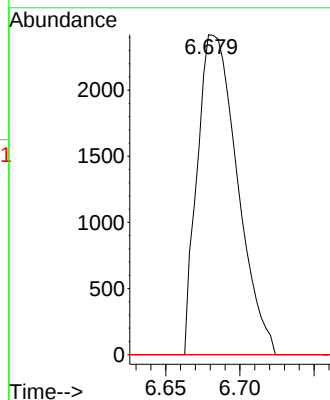
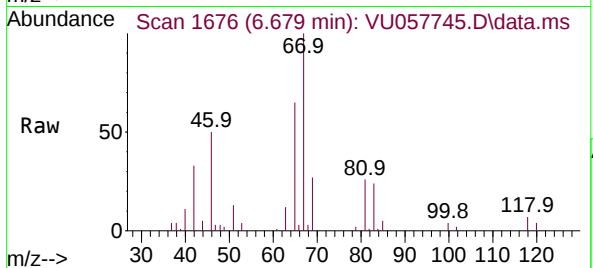
Acq: 30 Jan 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	4530
Ion Ratio	Lower	Upper
83	100	
55	0.0	61.4 92.0#
98	0.0	38.2 57.4#



#37

1,2-Dichloropropane

Concen: 0.458 ug/L

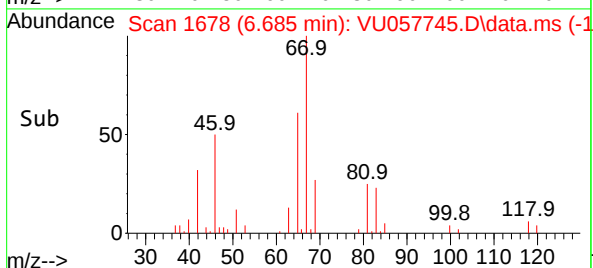
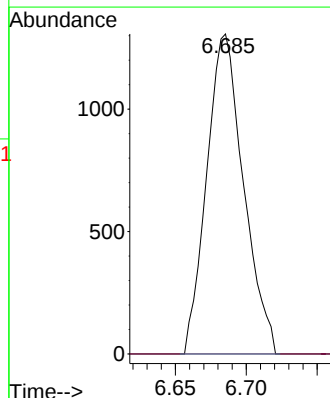
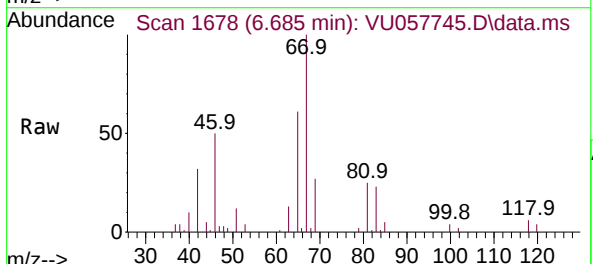
RT: 6.685 min Scan# 1678

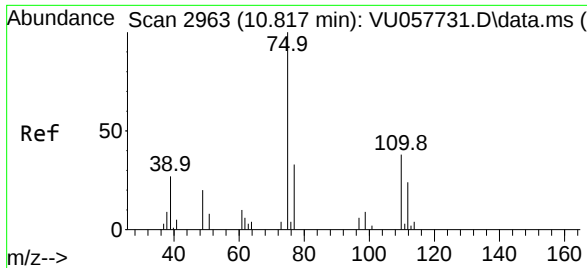
Delta R.T. -0.100 min

Lab File: VU057745.D

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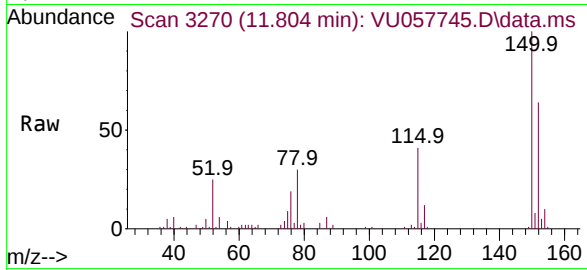
Tgt Ion: 63	Resp:	2362
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0 4.4#





#61
1,2,3-Trichloropropane
Concen: 1.292 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU057745.D
Acq: 30 Jan 2024 15:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	30.1	45.1#
77	33.6	25.5	38.3

