

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061219.D
 Acq On : 25 Oct 2024 11:54
 Operator : MD/SY
 Sample : P4533-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCNW8

Quant Time: Oct 26 00:31:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 00:29:08 2024
 Response via : Initial Calibration

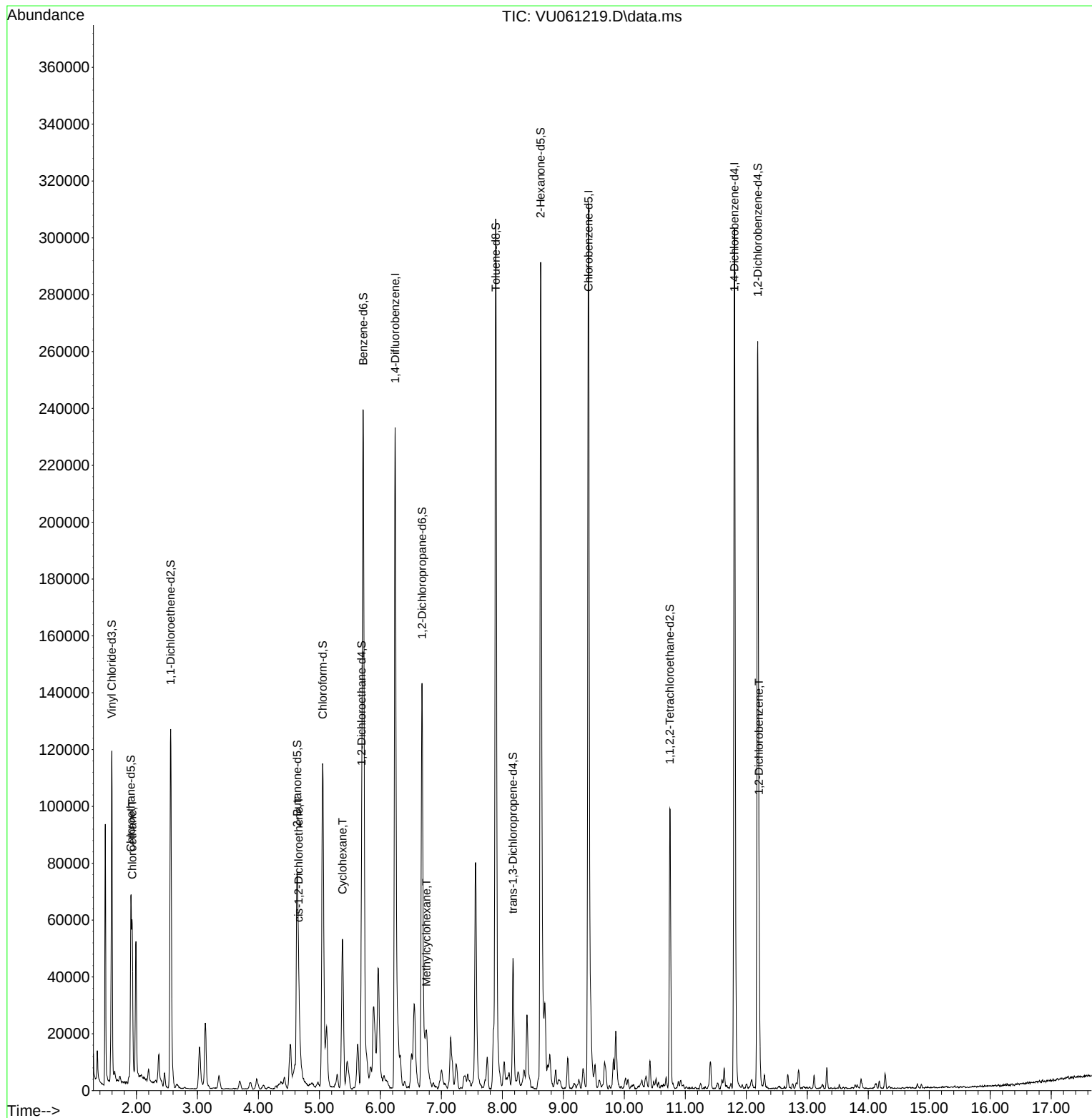
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	197516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	179396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	53079	3.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.908	69	46482	3.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.560	65	22797	3.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.634	46	122872	45.105	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.220%
24) Chloroform-d	5.052	84	110424	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.692	65	56759	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.718	84	233579	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.682	67	71020	4.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.891	98	215209	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.174	79	27699	4.465	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	112871	44.424	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50440	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	67874	4.709	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
8) Chloroethane	1.930	64	31594	2.811	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	4125	0.280	ug/L	94
30) Cyclohexane	5.377	56	27162	1.233	ug/L	99
35) Methylcyclohexane	6.756	83	5138	0.214	ug/L #	50
67) 1,2-Dichlorobenzene	12.206	146	13968	0.567	ug/L	95

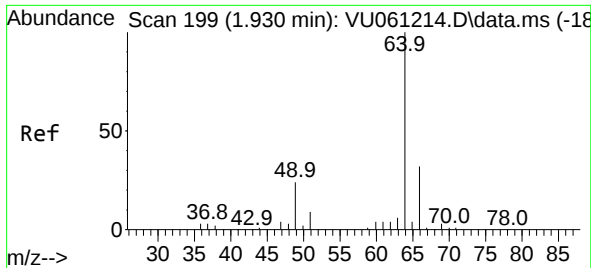
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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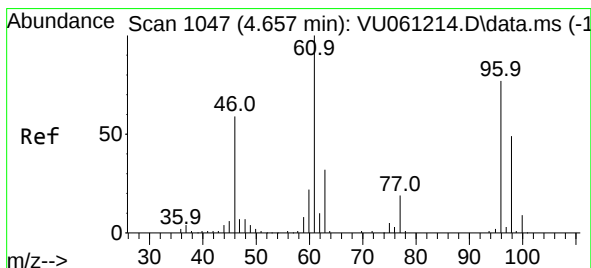
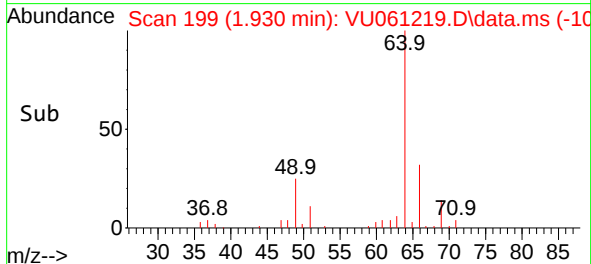
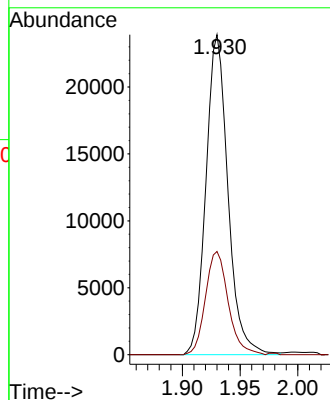
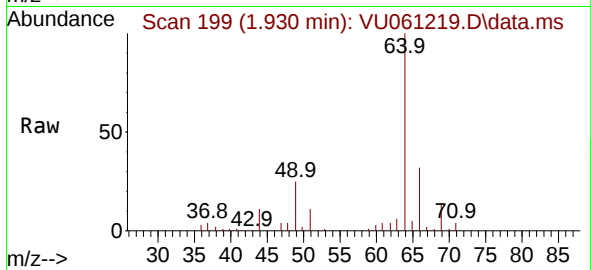




#8
Chloroethane
Concen: 2.811 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

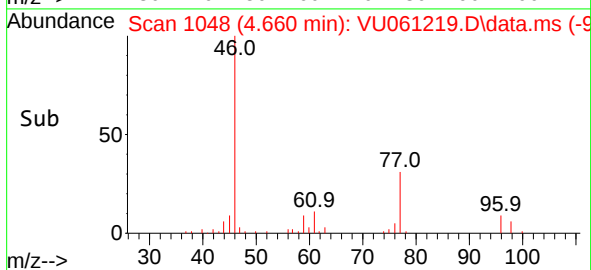
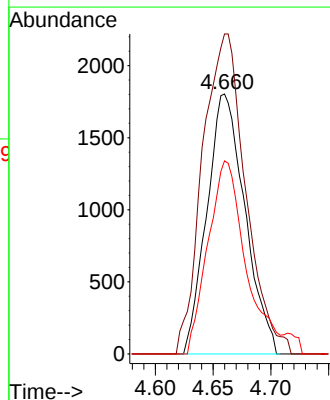
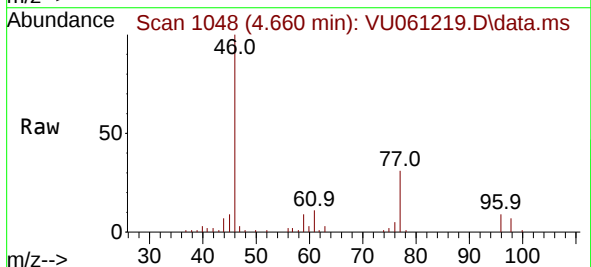
Instrument :
MSVOA_U
ClientSampleId :
GCNW8

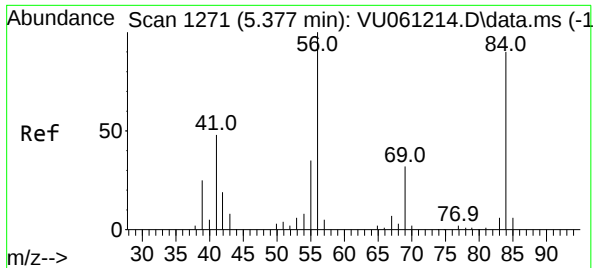
Tgt Ion: 64 Resp: 31594
Ion Ratio Lower Upper
64 100
66 32.3 23.1 42.9



#22
cis-1,2-Dichloroethene
Concen: 0.280 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

Tgt Ion: 96 Resp: 4125
Ion Ratio Lower Upper
96 100
61 123.1 88.1 163.5
98 74.3 45.0 83.6

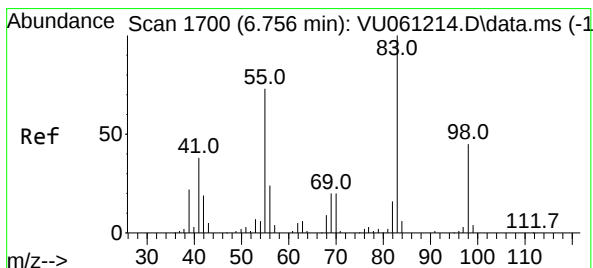
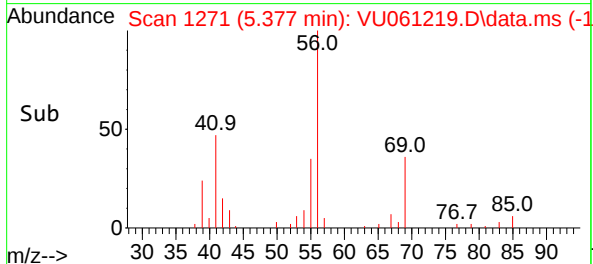
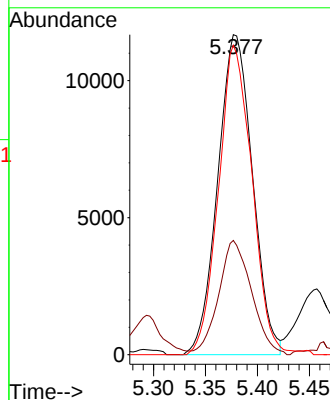
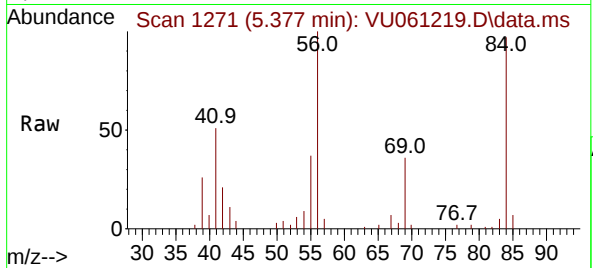




#30
Cyclohexane
Concen: 1.233 ug/L
RT: 5.377 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

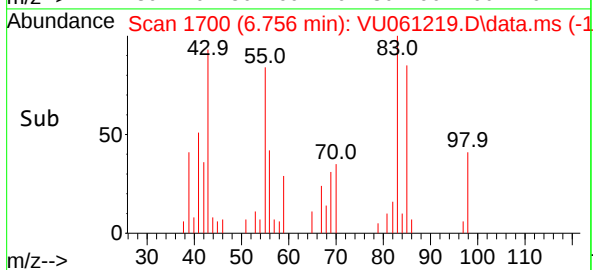
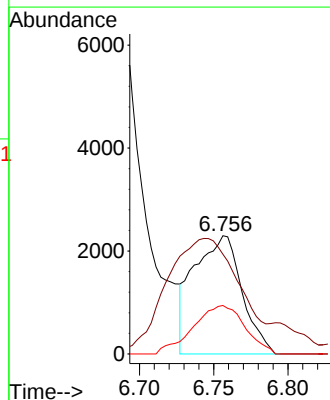
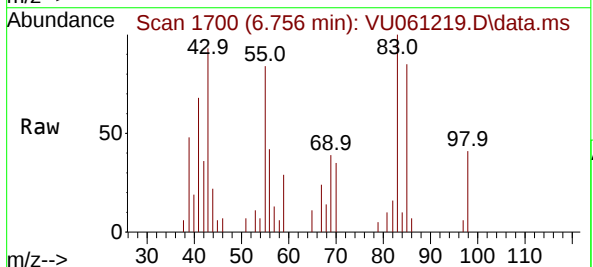
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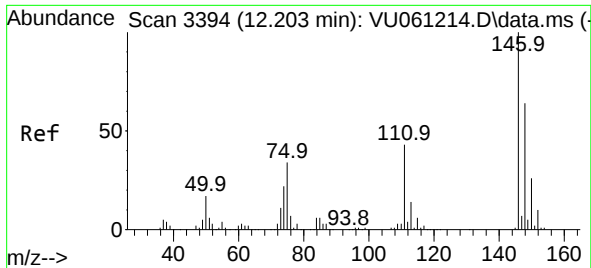
Tgt Ion:	56	Resp:	27162
Ion Ratio	Lower	Upper	
56	100		
69	33.8	25.8	38.6
84	93.0	73.9	110.9



#35
Methylcyclohexane
Concen: 0.214 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

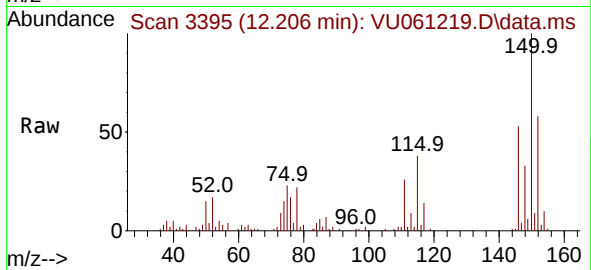
Tgt Ion:	83	Resp:	5138
Ion Ratio	Lower	Upper	
83	100		
55	136.6	55.9	83.9#
98	44.6	35.9	53.9





#67
1,2-Dichlorobenzene
Concen: 0.567 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

Instrument :
MSVOA_U
ClientSampleId :
GCNW8



Tgt Ion:	146	Resp:	13968
Ion	Ratio	Lower	Upper
146	100		
111	48.9	35.2	52.8
148	61.8	51.3	76.9

