

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061751.D
 Acq On : 16 Nov 2024 17:49
 Operator : MD/SY
 Sample : P4804-21DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46T5DL

Quant Time: Nov 18 00:23:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:17:37 2024
 Response via : Initial Calibration

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

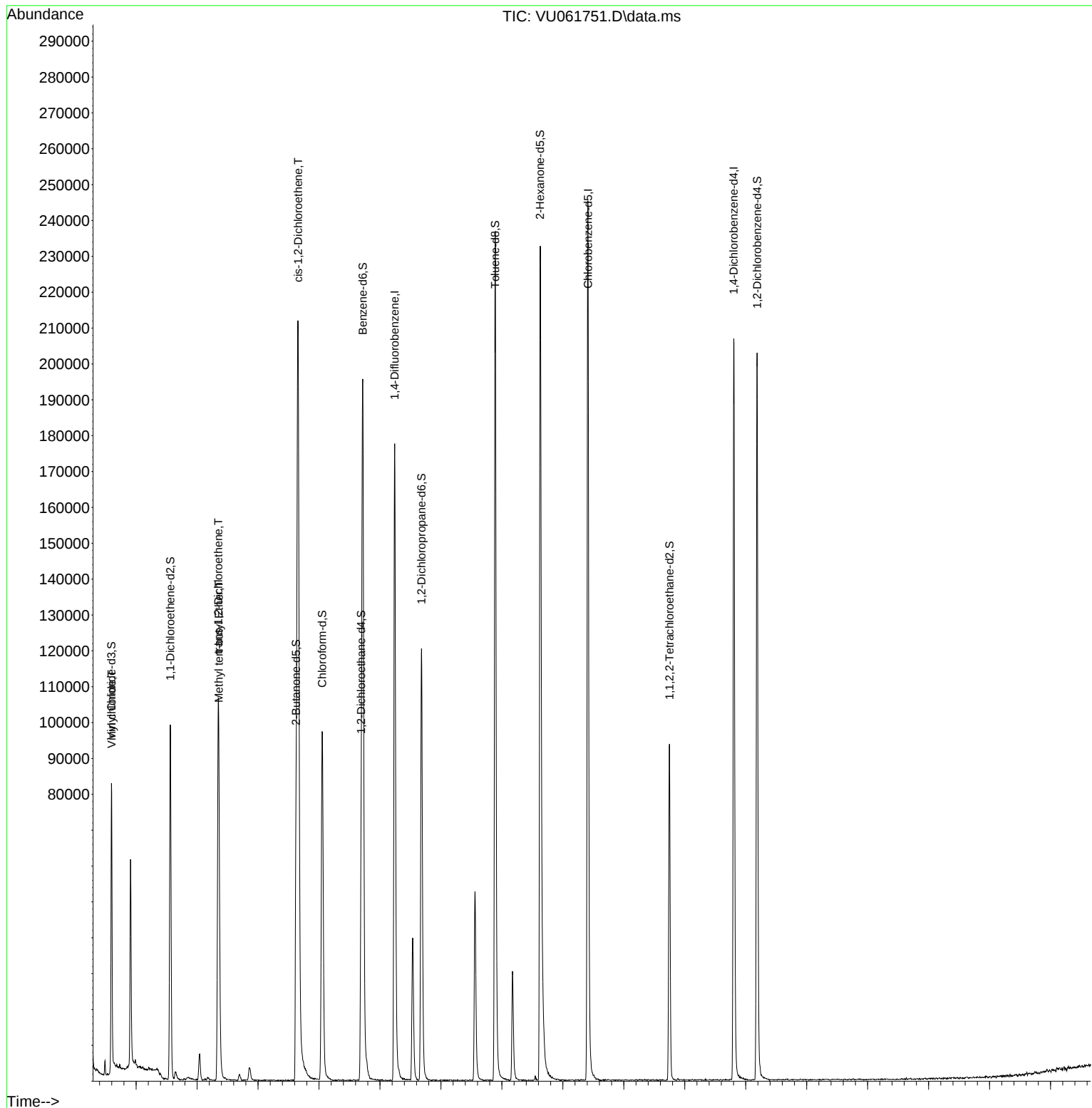
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39657	3.917	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.907	69	41531	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.560	65	18004	3.963	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.624	46	112100	52.166	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.340%
24) Chloroform-d	5.052	84	95715	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.692	65	49389	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.718	84	192273	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	60474	5.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	166777	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.174	79	18763	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.627	63	90681	52.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48538	5.192	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	57142	5.448	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds	Qvalue					
5) Vinyl chloride	1.599	62	15965	1.369	ug/L #	81
17) Methyl tert-butyl Ether	3.358	73	47026	2.028	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	31775	3.062	ug/L	98
19) 1,1-Dichloroethane	3.859	63	4677	0.247	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	107282	9.168	ug/L	98
34) Trichloroethene	6.537	95	14303	1.204	ug/L	95

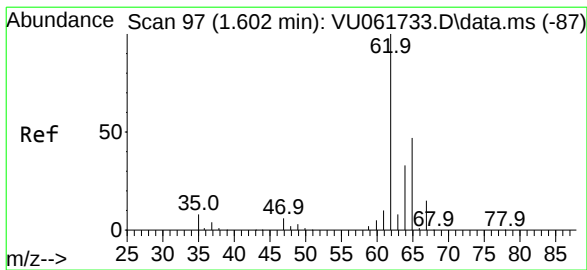
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.369 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU061751.D

Acq: 16 Nov 2024 17:49

Instrument :

MSVOA_U

ClientSampleId :

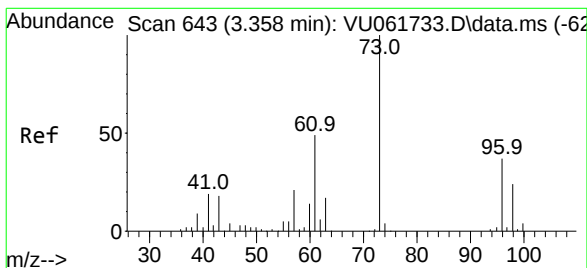
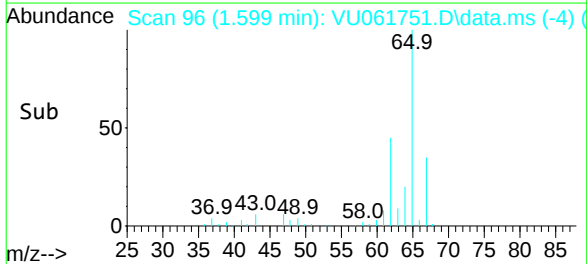
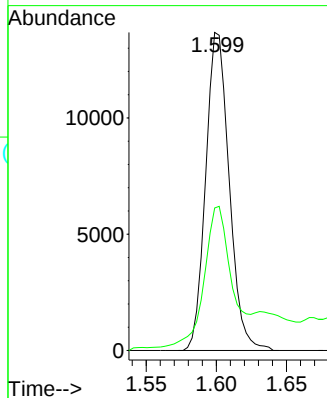
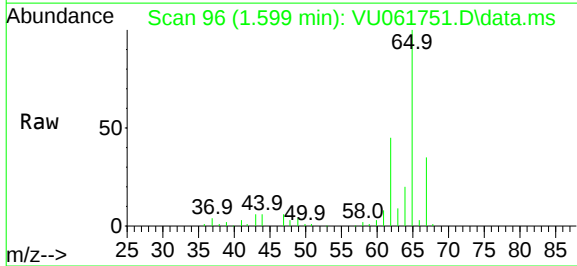
H46T5DL

Tgt Ion: 62 Resp: 15965

Ion Ratio Lower Upper

62 100

64 44.8 23.7 44.1#



#17

Methyl tert-butyl Ether

Concen: 2.028 ug/L

RT: 3.358 min Scan# 643

Delta R.T. -0.000 min

Lab File: VU061751.D

Acq: 16 Nov 2024 17:49

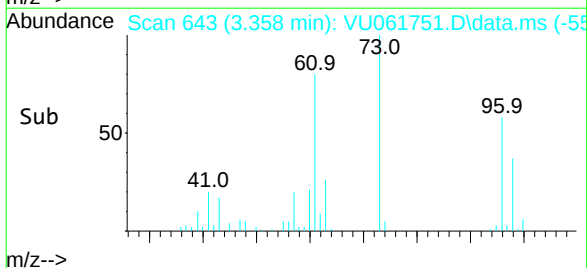
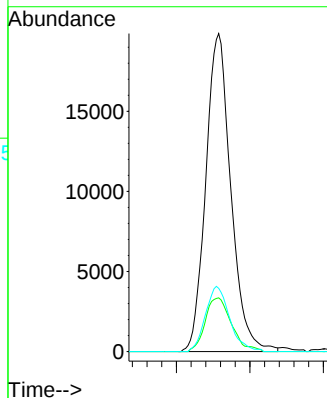
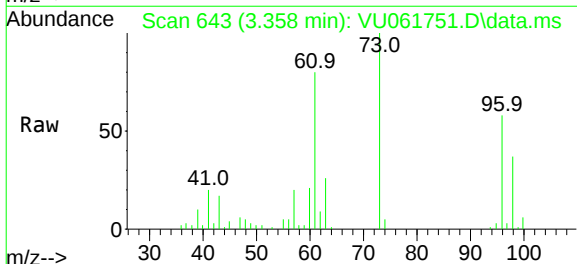
Tgt Ion: 73 Resp: 47026

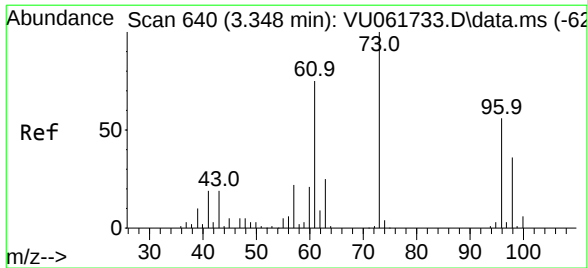
Ion Ratio Lower Upper

73 100

43 17.6 14.2 21.4

57 19.8 16.9 25.3

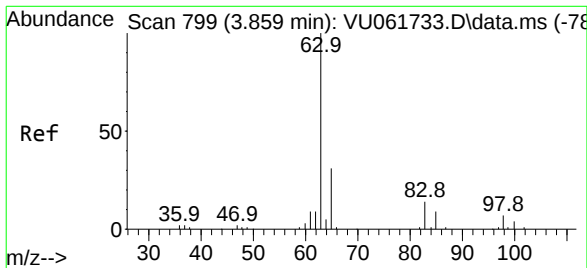
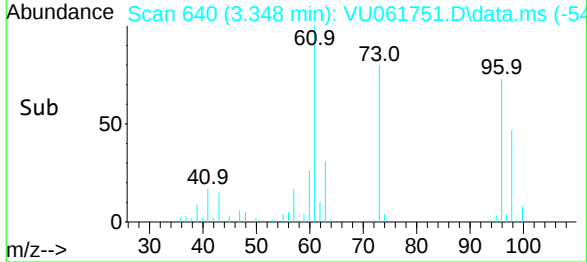
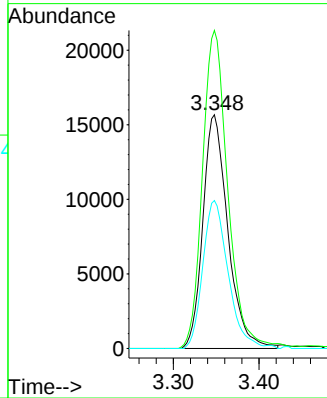
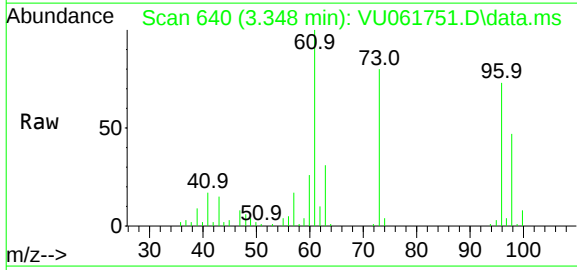




#18
trans-1,2-Dichloroethene
Concen: 3.062 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061751.D
Acq: 16 Nov 2024 17:49

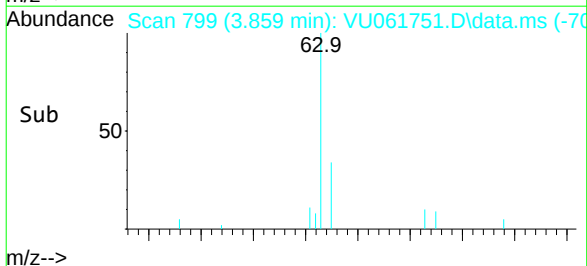
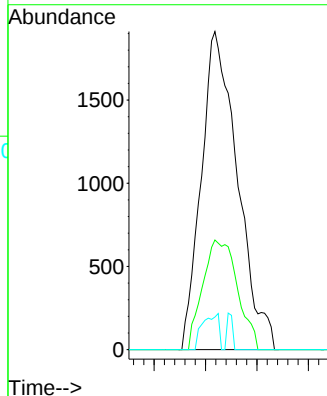
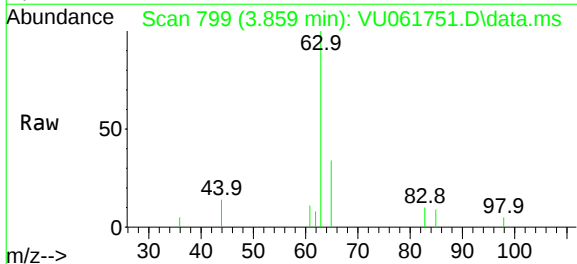
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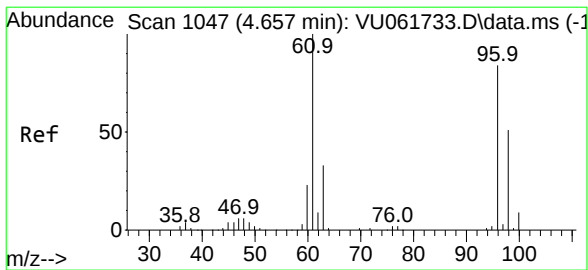
Tgt Ion:	96	Resp:	31775
Ion	Ratio	Lower	Upper
96	100		
61	136.1	94.1	174.8
98	63.3	43.2	80.2



#19
1,1-Dichloroethane
Concen: 0.247 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061751.D
Acq: 16 Nov 2024 17:49

Tgt Ion:	63	Resp:	4677
Ion	Ratio	Lower	Upper
63	100		
65	34.5	23.4	43.4
83	10.3	9.6	17.8

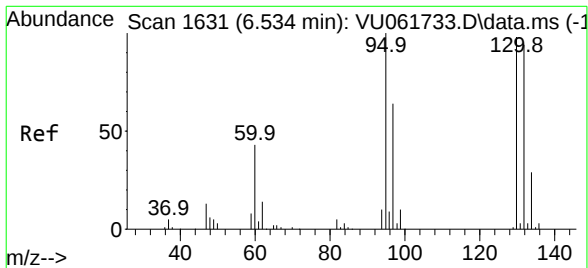
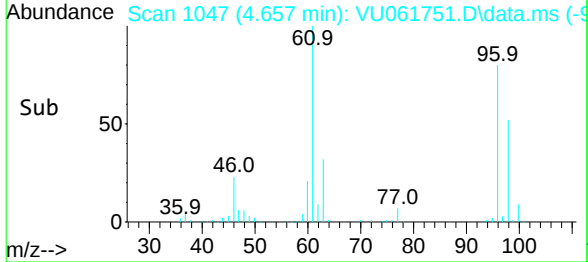
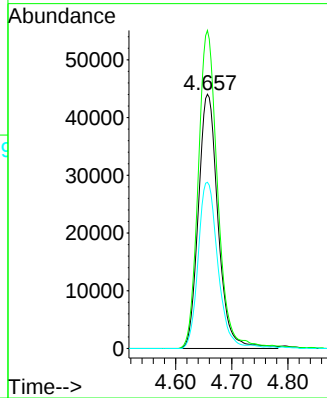
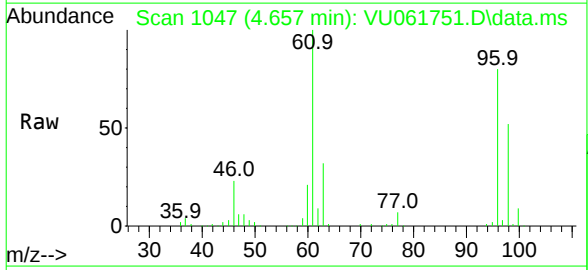




#22
 cis-1,2-Dichloroethene
 Concen: 9.168 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061751.D
 Acq: 16 Nov 2024 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 H46T5DL

Tgt Ion:	96	Resp:	107282
Ion	Ratio	Lower	Upper
96	100		
61	125.1	85.6	159.0
98	65.4	45.6	84.8



#34
 Trichloroethene
 Concen: 1.204 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU061751.D
 Acq: 16 Nov 2024 17:49

Tgt Ion:	95	Resp:	14303
Ion	Ratio	Lower	Upper
95	100		
97	68.0	43.5	80.9
132	100.6	65.2	121.0
130	98.3	67.5	125.3

