

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061752.D
 Acq On : 16 Nov 2024 18:14
 Operator : MD/SY
 Sample : P4804-22DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46T6DL

Quant Time: Nov 18 00:23:37 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)

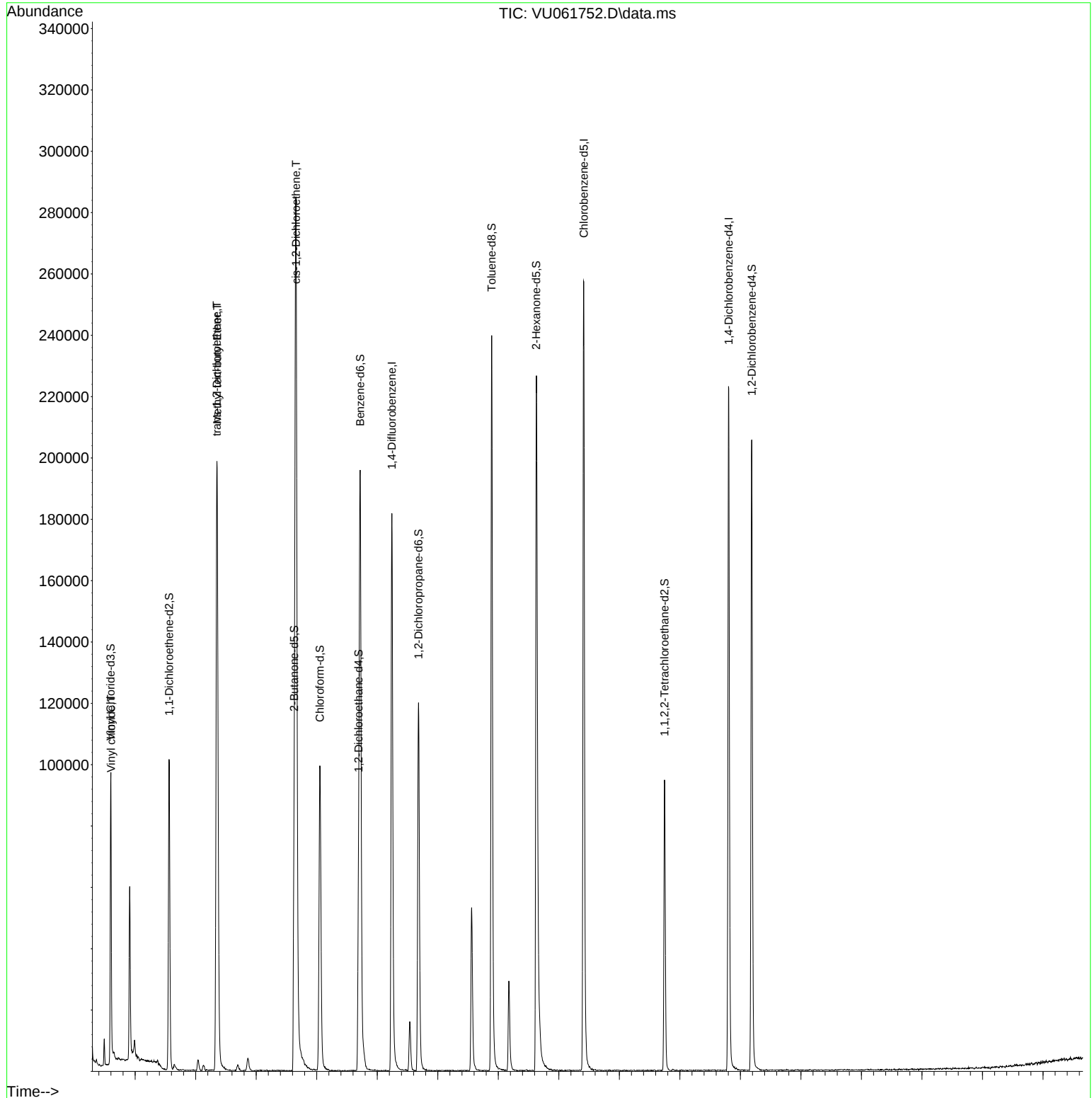
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160995	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39801	3.826	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.911	69	40763	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.560	65	19143	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.627	46	108835	49.294	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	5.052	84	96983	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	49781	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.717	84	192969	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	60923	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	170269	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	18391	3.981	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.627	63	88430	48.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47808	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	58165	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
5) Vinyl chloride	1.602	62	19127	1.597	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	152427	6.399	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	34337	3.221	ug/L	99
19) 1,1-Dichloroethane	3.862	63	5350	0.275	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	147108	12.236	ug/L	96
34) Trichloroethene	6.541	95	5596	0.445	ug/L	98

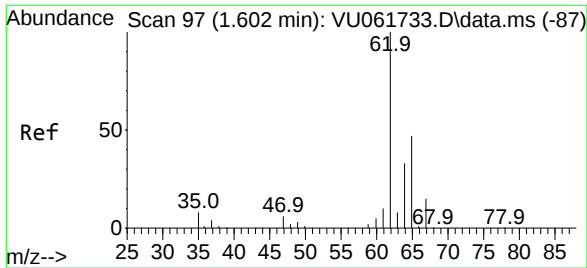
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

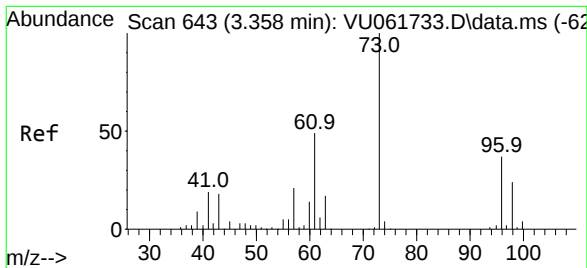
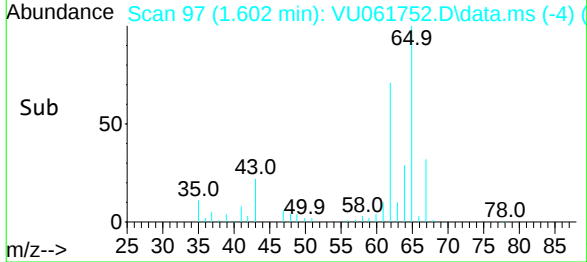
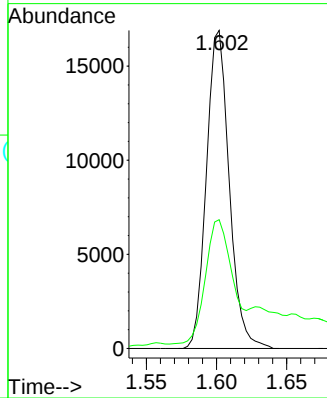
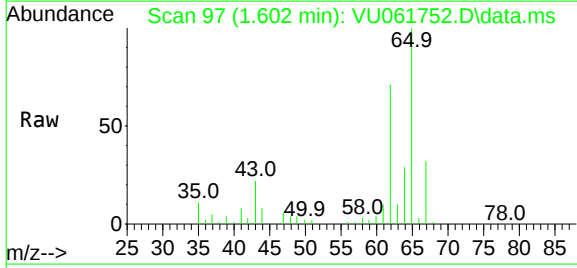




#5
 Vinyl chloride
 Concen: 1.597 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VU061752.D
 Acq: 16 Nov 2024 18:14

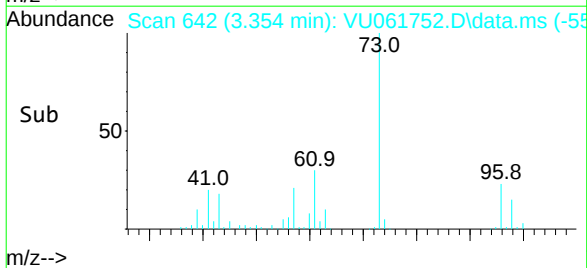
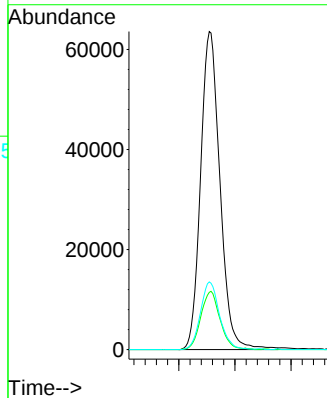
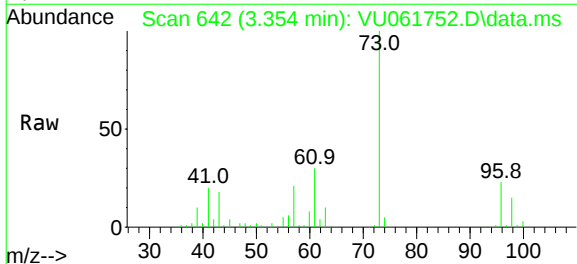
Instrument :
 MSVOA_U
 ClientSampleId :
 H46T6DL

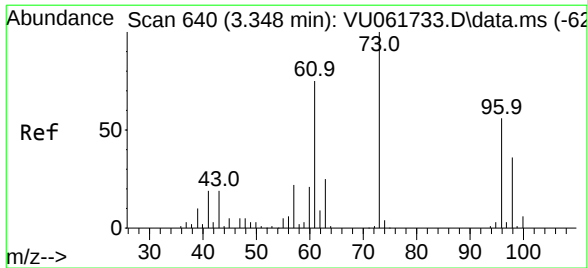
Tgt Ion: 62 Resp: 19127
 Ion Ratio Lower Upper
 62 100
 64 40.5 23.7 44.1



#17
 Methyl tert-butyl Ether
 Concen: 6.399 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. -0.003 min
 Lab File: VU061752.D
 Acq: 16 Nov 2024 18:14

Tgt Ion: 73 Resp: 152427
 Ion Ratio Lower Upper
 73 100
 43 18.1 14.2 21.4
 57 21.0 16.9 25.3

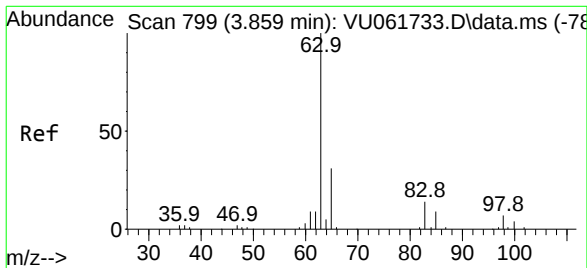
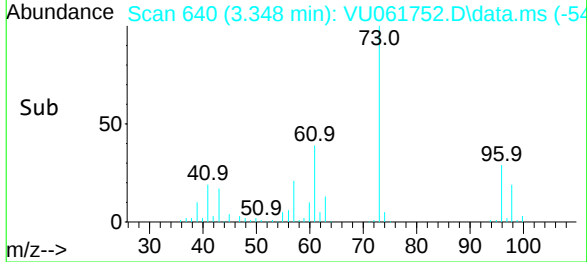
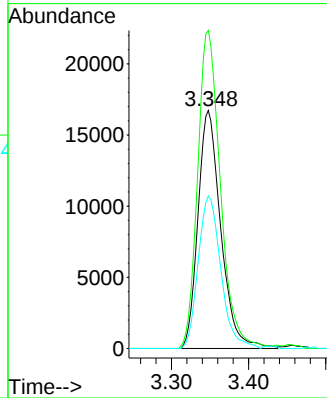
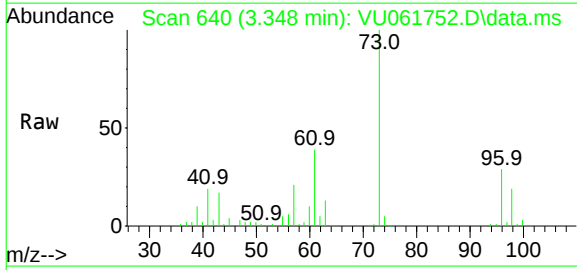




#18
trans-1,2-Dichloroethene
Concen: 3.221 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061752.D
Acq: 16 Nov 2024 18:14

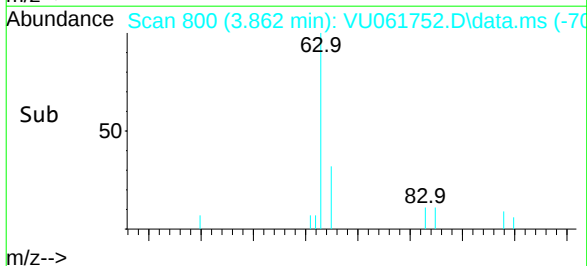
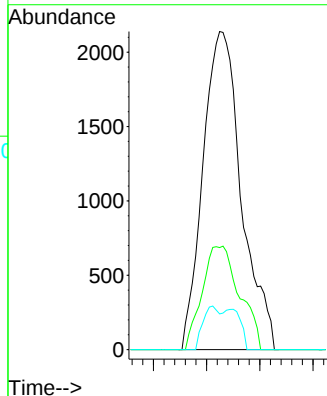
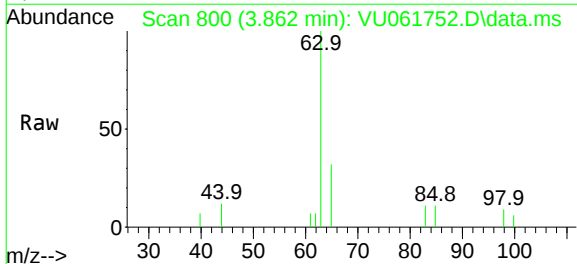
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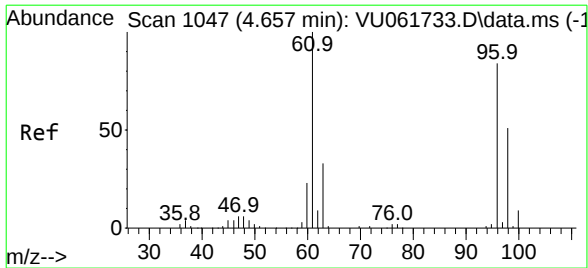
Tgt Ion: 96 Resp: 34337
Ion Ratio Lower Upper
96 100
61 133.6 94.1 174.8
98 64.1 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.275 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061752.D
Acq: 16 Nov 2024 18:14

Tgt Ion: 63 Resp: 5350
Ion Ratio Lower Upper
63 100
65 32.1 23.4 43.4
83 11.2 9.6 17.8

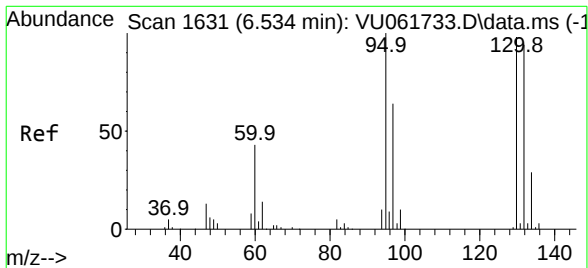
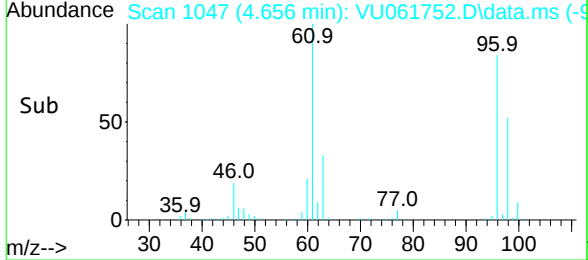
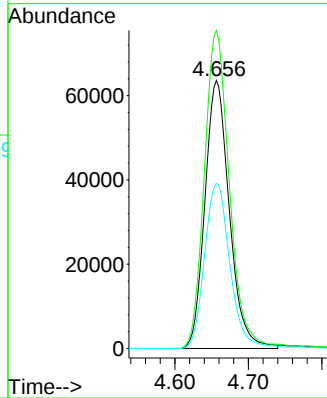
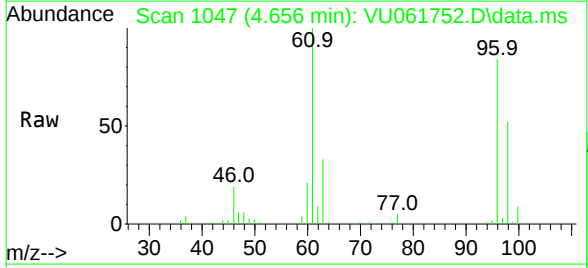




#22
 cis-1,2-Dichloroethene
 Concen: 12.236 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061752.D
 Acq: 16 Nov 2024 18:14

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Tgt Ion:	96	Resp:	147108
Ion	Ratio	Lower	Upper
96	100		
61	118.7	85.6	159.0
98	61.6	45.6	84.8



#34
 Trichloroethene
 Concen: 0.445 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.006 min
 Lab File: VU061752.D
 Acq: 16 Nov 2024 18:14

Tgt Ion:	95	Resp:	5596
Ion	Ratio	Lower	Upper
95	100		
97	58.7	43.5	80.9
132	92.4	65.2	121.0
130	95.8	67.5	125.3

