

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046530.D
 Acq On : 21 Dec 2021 18:09
 Operator : SY/MD
 Sample : M5152-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3C1

Quant Time: Dec 22 05:46:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

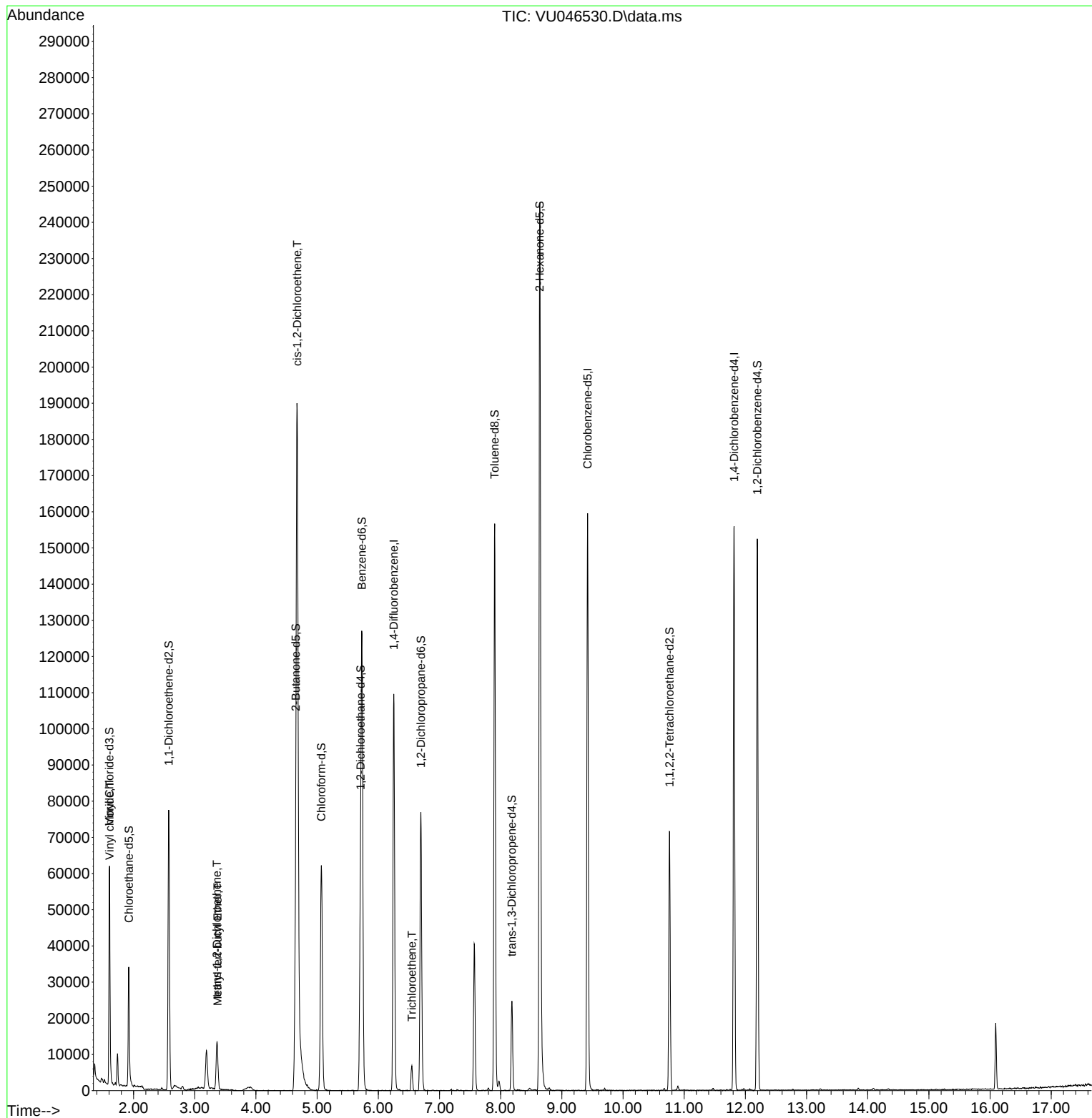
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90662	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	88509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	41841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34016	4.763	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.922	69	27132	4.825	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.575	65	14647	4.864	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.652	46	108047	52.161	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.320%
24) Chloroform-d	5.070	84	60795	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.710	65	36188	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.732	84	120732	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.697	67	36197	4.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.903	98	104047	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.182	79	15676	4.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.639	63	97308	48.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	34941	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	39606	5.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	13774	1.171	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	4368	0.188	ug/L #	88
18) trans-1,2-Dichloroethene	3.363	96	4504	0.529	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	87086	9.365	ug/L	97
34) Trichloroethene	6.549	95	2366	0.255	ug/L	98

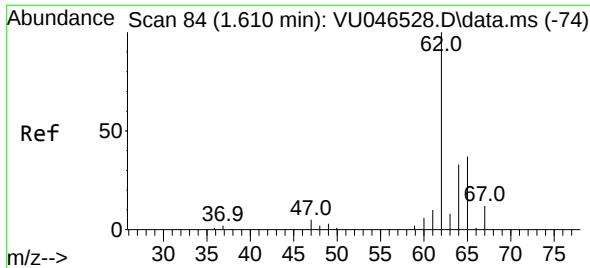
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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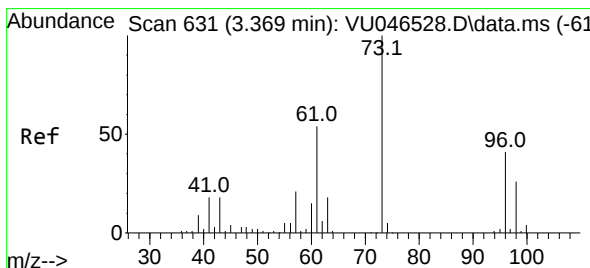
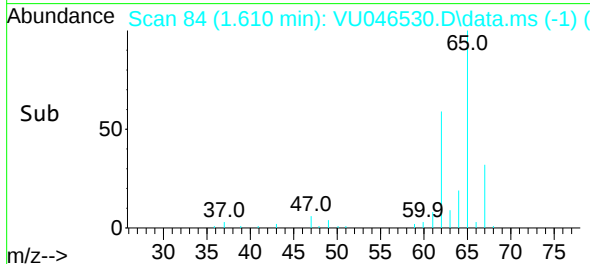
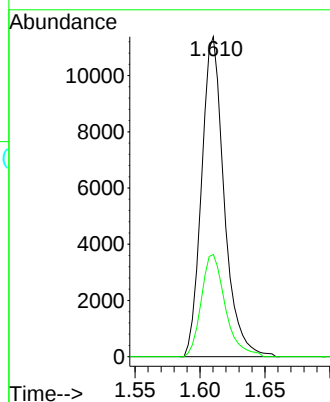
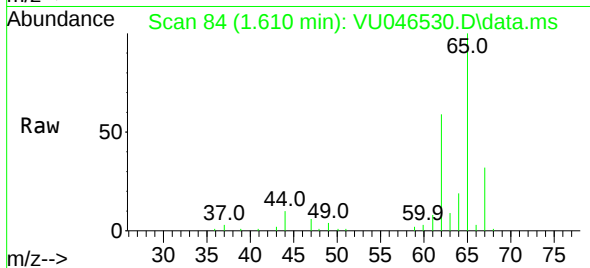




#5
 Vinyl chloride
 Concen: 1.171 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VU046530.D
 Acq: 21 Dec 2021 18:09

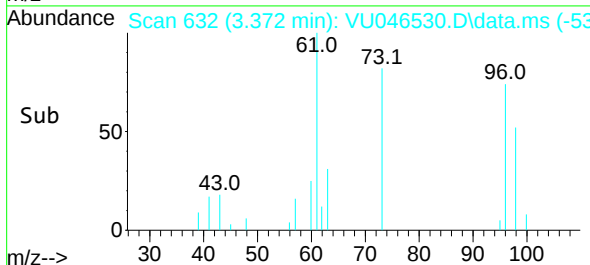
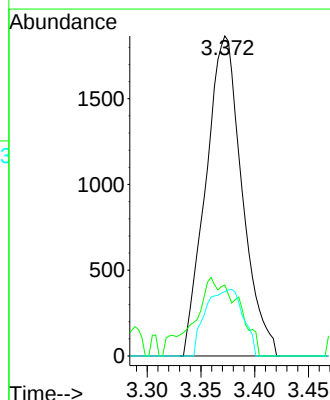
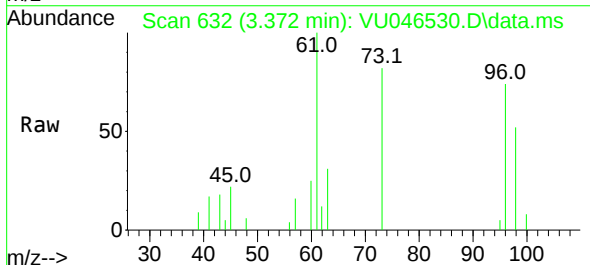
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3C1

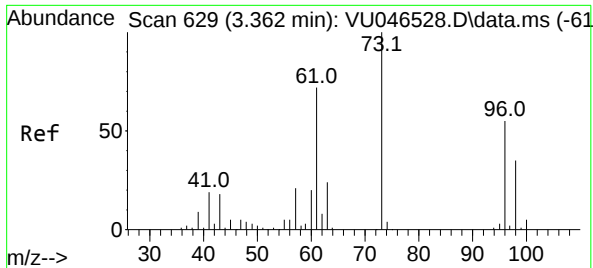
Tgt Ion: 62 Resp: 13774
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.9 42.5



#17
 Methyl tert-butyl Ether
 Concen: 0.188 ug/L
 RT: 3.372 min Scan# 632
 Delta R.T. 0.013 min
 Lab File: VU046530.D
 Acq: 21 Dec 2021 18:09

Tgt Ion: 73 Resp: 4368
 Ion Ratio Lower Upper
 73 100
 43 30.1 14.8 22.2#
 57 21.4 17.4 26.0

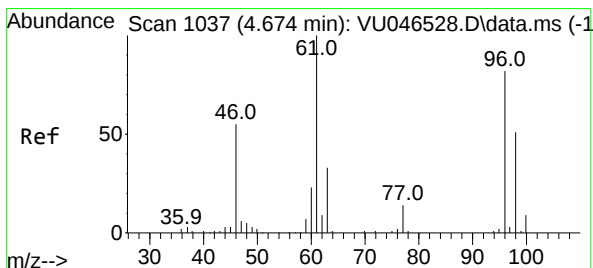
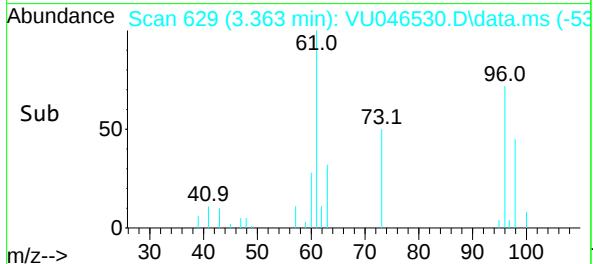
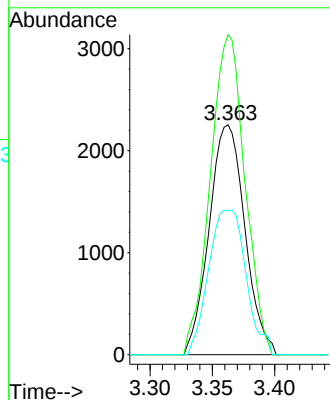
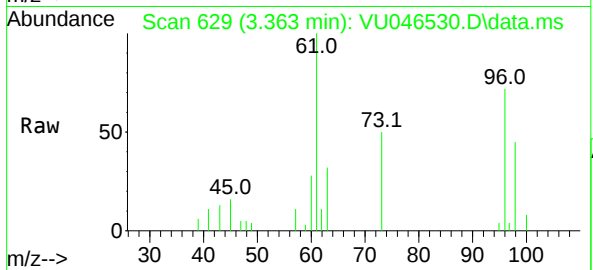




#18
trans-1,2-Dichloroethene
Concen: 0.529 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU046530.D
Acq: 21 Dec 2021 18:09

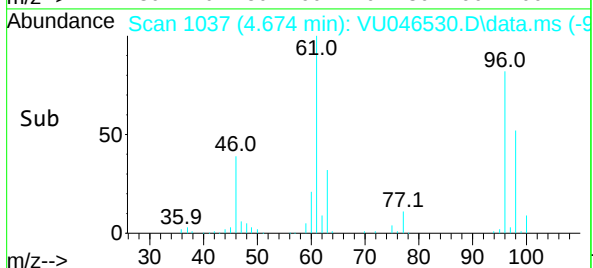
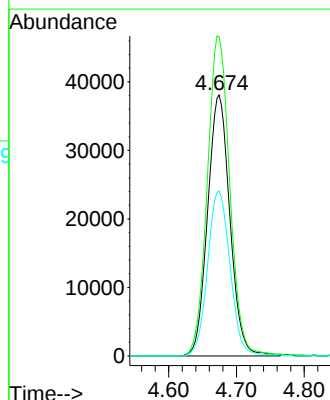
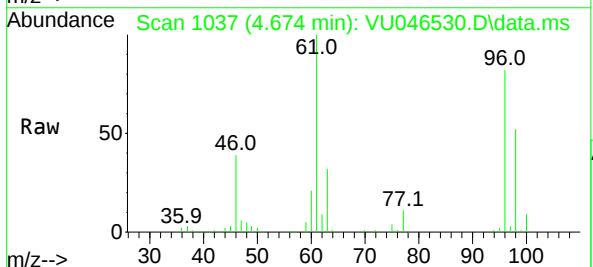
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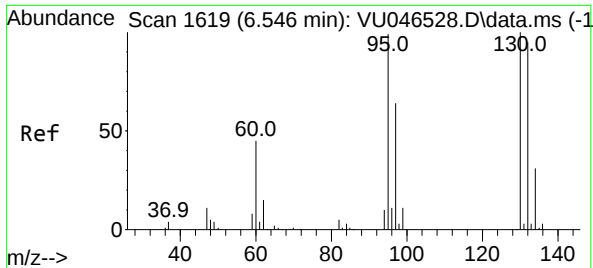
Tgt Ion: 96 Resp: 4504
Ion Ratio Lower Upper
96 100
61 139.2 100.8 187.2
98 62.5 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 9.365 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.010 min
Lab File: VU046530.D
Acq: 21 Dec 2021 18:09

Tgt Ion: 96 Resp: 87086
Ion Ratio Lower Upper
96 100
61 122.3 88.5 164.3
98 63.2 44.4 82.5





#34
 Trichloroethene
 Concen: 0.255 ug/L
 RT: 6.549 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VU046530.D
 Acq: 21 Dec 2021 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3C1

Tgt Ion: 95	Resp: 2366
Ion Ratio	Lower Upper
95 100	
97 67.4	46.5 86.5
132 91.1	65.1 120.9
130 98.1	67.3 124.9

