

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044596.D
 Acq On : 07 Sep 2021 20:16
 Operator : SY/MD
 Sample : M3647-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F3W22

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 8:02:57 AM

Quant Time: Sep 08 02:39:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 08 02:31:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	108799	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	112918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	57849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35658	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.919	69	35779	4.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.575	65	15583	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.645	46	109324m	44.923	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.840%
24) Chloroform-d	5.073	84	67984	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.710	65	38215	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.735	84	142670	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.697	67	43334	4.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.902	98	125478	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.185	79	15084	4.129	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.645	63	97495	49.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	40881	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	51049	5.223	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1682	0.115	ug/L	96
17) Methyl tert-butyl Ether	3.379	73	1707	0.079	ug/L #	73
25) Chloroform	5.095	83	3220	0.186	ug/L	94
34) Trichloroethene	6.549	95	6794	0.717	ug/L	89
47) Tetrachloroethene	8.558	164	110806	16.919	ug/L	97

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

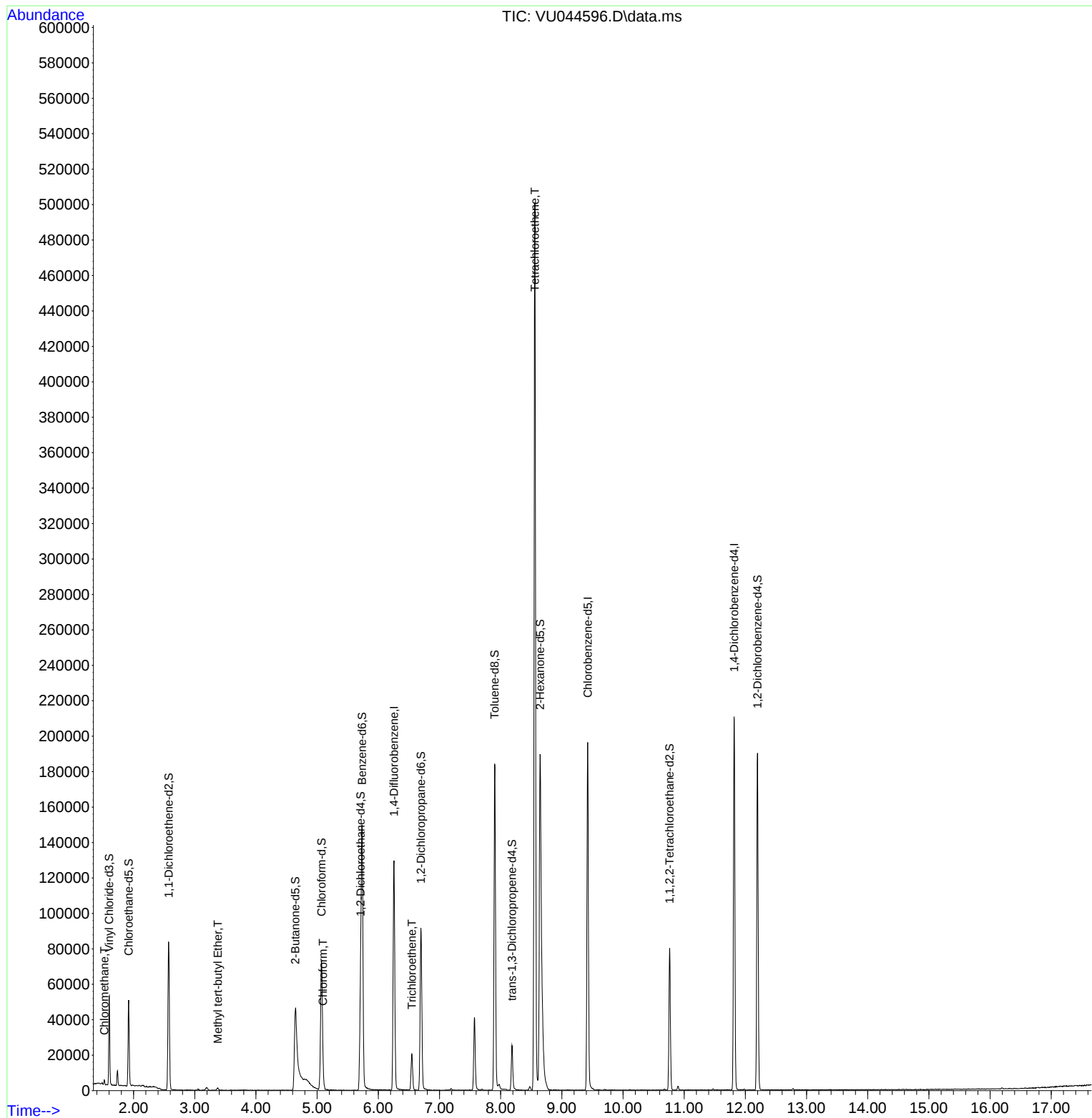
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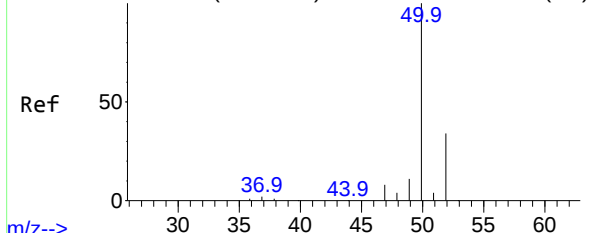
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Quant Title : TRACE VOA SFAM1.0
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Abundance Scan 56 (1.520 min): VU044576.D\data.ms (-48)



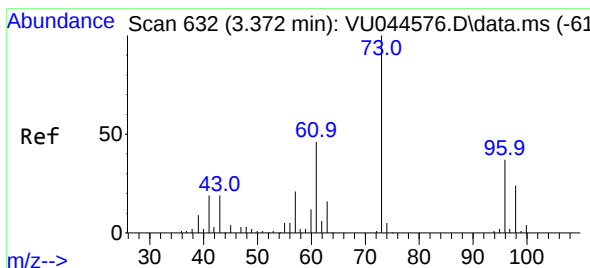
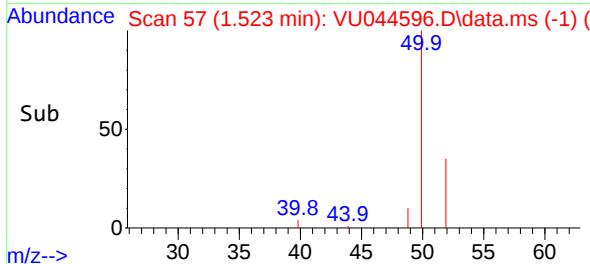
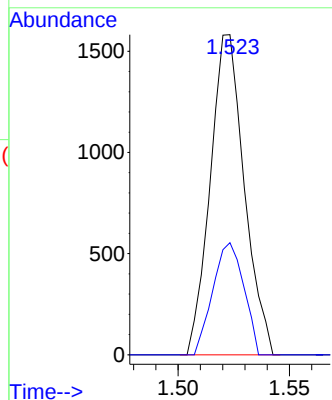
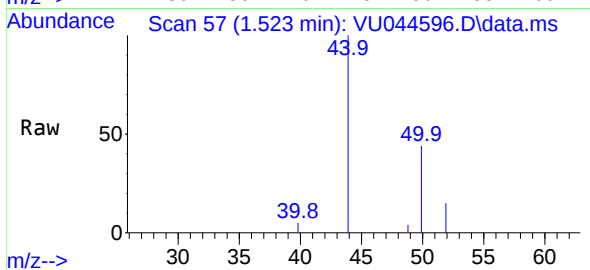
#3
Chloromethane
Concen: 0.115 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

Tgt Ion: 50 Resp: 1682
Ion Ratio Lower Upper
50 100
52 35.0 22.8 42.4

Instrument :
MSVOA_U
ClientSampled :
F3W22

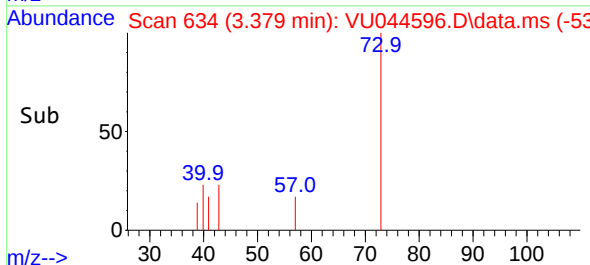
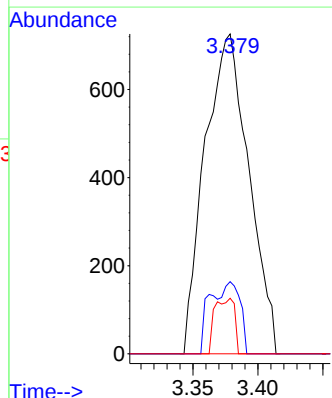
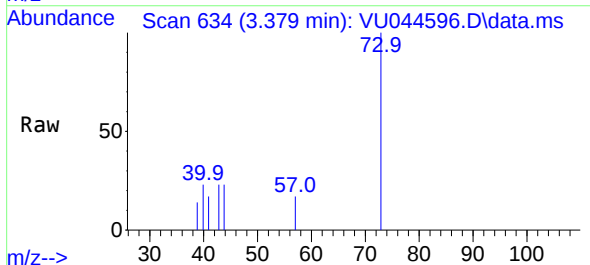
Manual Integrations
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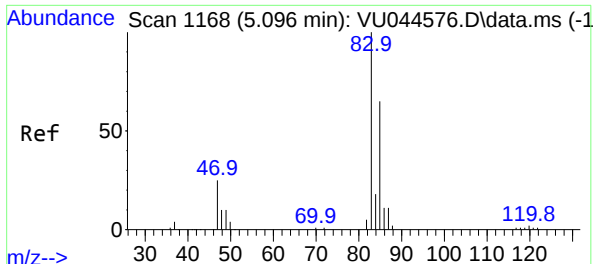
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#17
Methyl tert-butyl Ether
Concen: 0.079 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.006 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

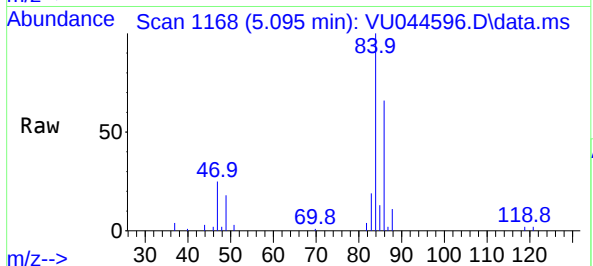
Tgt Ion: 73 Resp: 1707
Ion Ratio Lower Upper
73 100
43 9.4 16.2 24.4#
57 7.8 17.8 26.8#





#25
Chloroform
Concen: 0.186 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

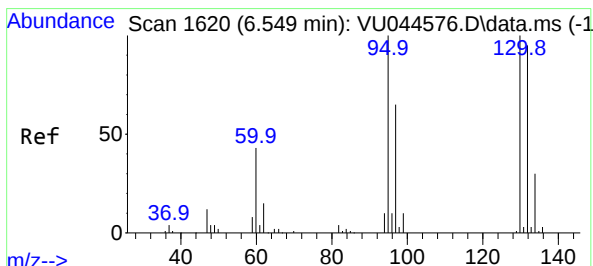
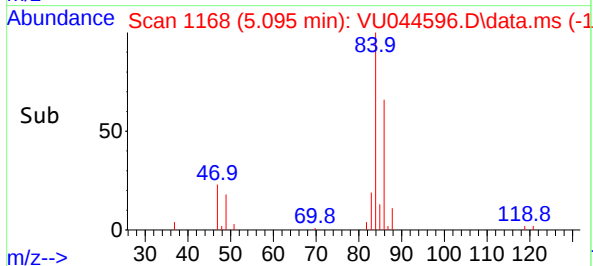
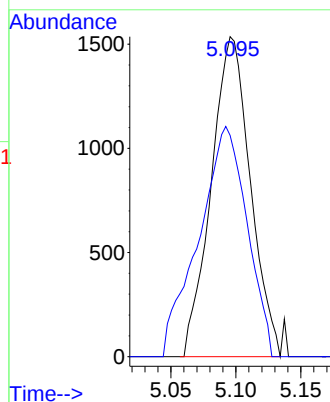
Instrument :
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ClientSampled :
F3W22



Tgt Ion: 83 Resp: 3220
Ion Ratio Lower Upper
83 100
85 69.1 45.3 84.1

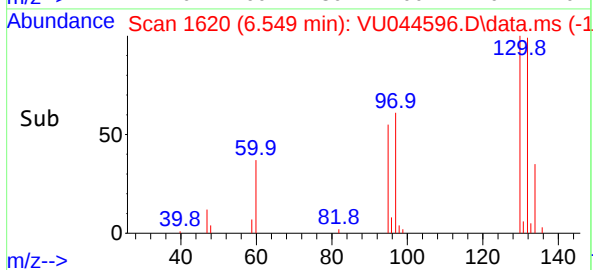
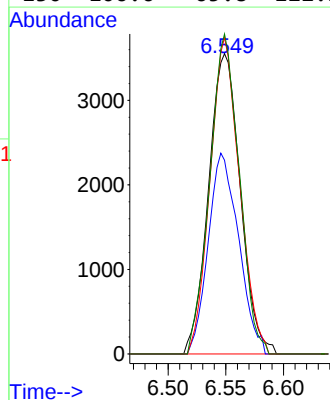
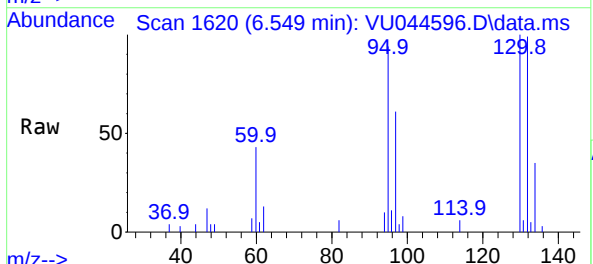
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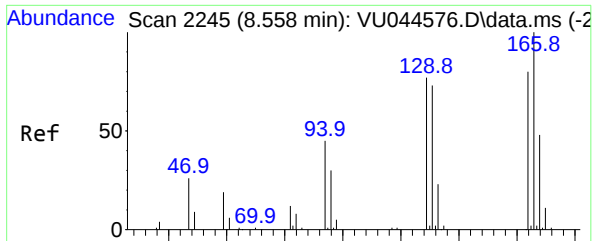
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#34
Trichloroethene
Concen: 0.717 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

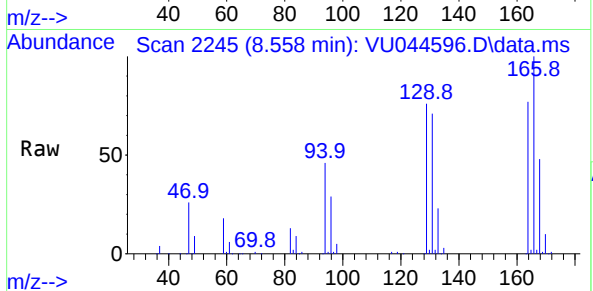
Tgt Ion: 95 Resp: 6794
Ion Ratio Lower Upper
95 100
97 64.5 45.6 84.8
132 105.4 63.4 117.8
130 106.6 65.8 122.2





#47
Tetrachloroethene
Concen: 16.919 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044596.D
Acq: 07 Sep 2021 20:16

Instrument :
MSVOA_U
ClientSampled :
F3W22



Tgt Ion:164 Resp: 110806

Ion	Ratio	Lower	Upper
164	100		
129	98.7	71.0	131.8
131	92.8	68.0	126.4
166	130.6	89.0	165.4

Manual Integrations
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