

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044501.D
 Acq On : 23 Aug 2021 14:40
 Operator : SY/MD
 Sample : M3515-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4560

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:21:40 AM

Quant Time: Aug 24 03:59:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 03:56:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	116957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	117932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	52943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35468	3.750	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.000%	
7) Chloroethane-d5	1.919	69	34663	4.216	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.571	65	17055	4.239	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	4.642	46	129386m	49.459	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.920%	
24) Chloroform-d	5.073	84	74682	4.465	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.710	65	41936	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	5.735	84	151777	4.570	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.697	67	50196	4.725	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.902	98	126624	4.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	8.185	79	16540	4.335	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.645	63	104264	50.534	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.060%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42156	4.711	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	12.198	152	44057	4.925	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	5171	0.328	ug/L	100
17) Methyl tert-butyl Ether	3.382	73	3675m	0.158	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	1289	0.129	ug/L	84
25) Chloroform	5.092	83	3432	0.184	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	848	0.057	ug/L #	71
34) Trichloroethene	6.549	95	13107	1.325	ug/L	97
47) Tetrachloroethene	8.558	164	89816	13.131	ug/L	99

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

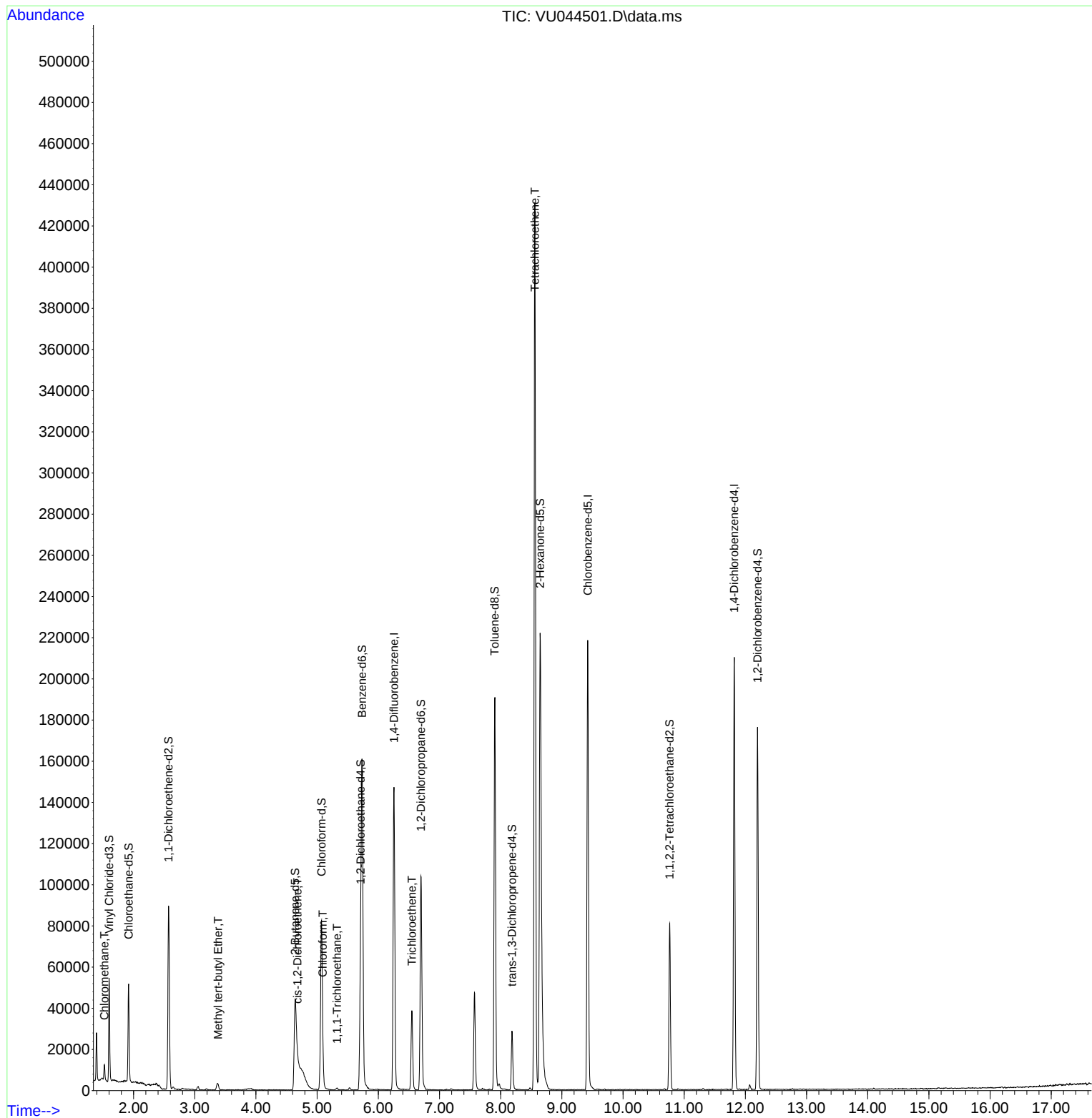
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
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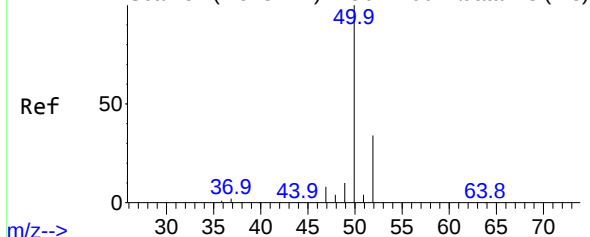
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 03:56:17 2021
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Abundance Scan 57 (1.523 min): VU044490.D\data.ms (-48)



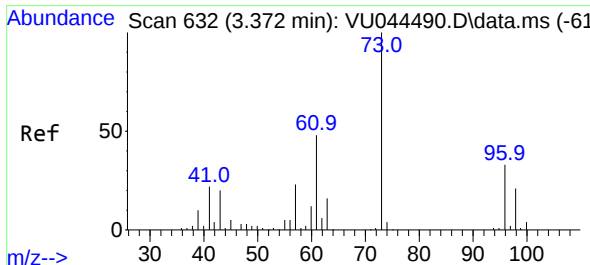
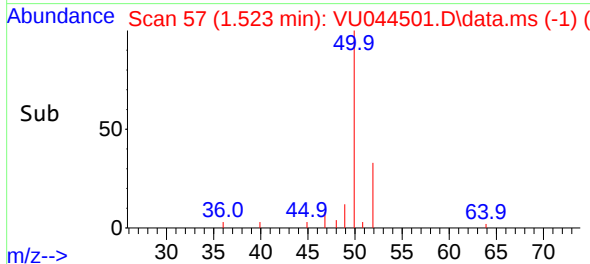
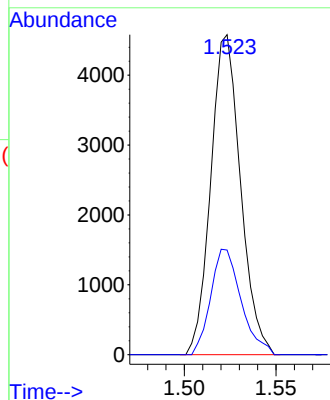
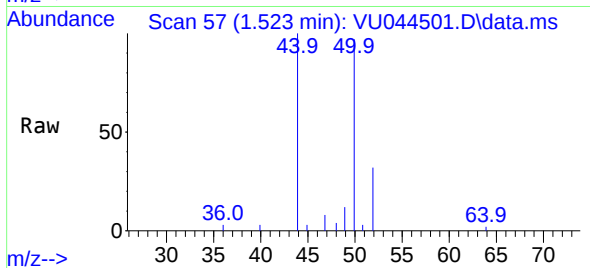
#3
Chloromethane
Concen: 0.328 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 50 Resp: 5171
Ion Ratio Lower Upper
50 100
52 32.7 22.8 42.4

Instrument :
MSVOA_U
ClientSampled :
H4560

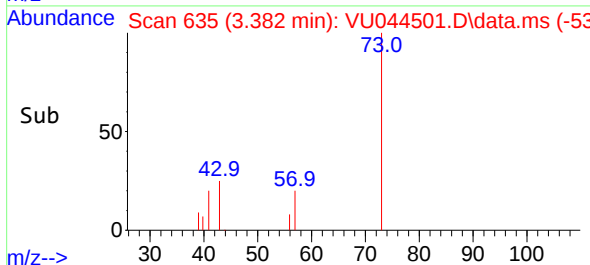
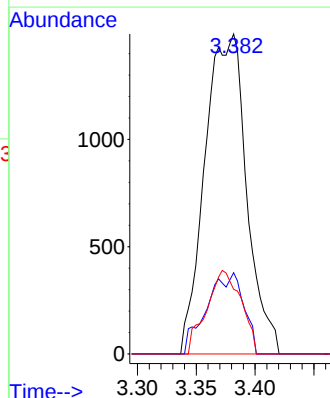
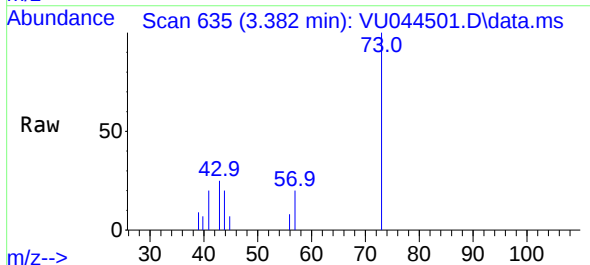
Manual Integrations
APPROVED

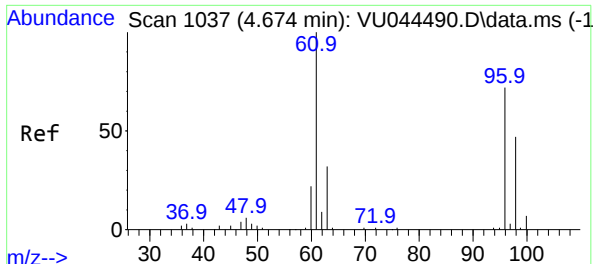
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#17
Methyl tert-butyl Ether
Concen: 0.158 ug/L m
RT: 3.382 min Scan# 635
Delta R.T. 0.010 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

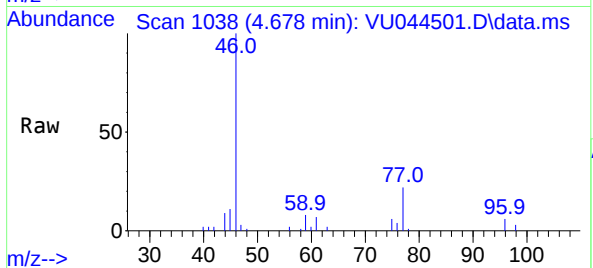
Tgt Ion: 73 Resp: 3675
Ion Ratio Lower Upper
73 100
43 13.0 16.2 24.4#
57 21.6 17.8 26.8





#22
cis-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

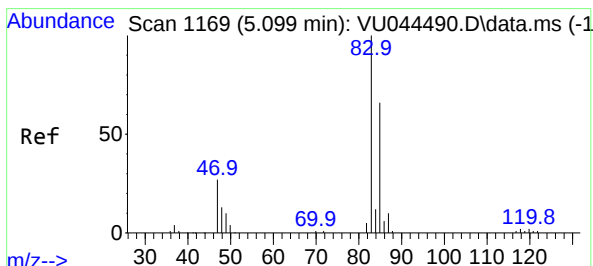
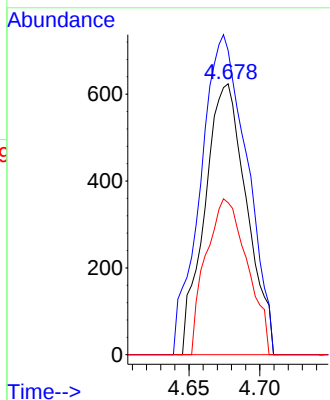
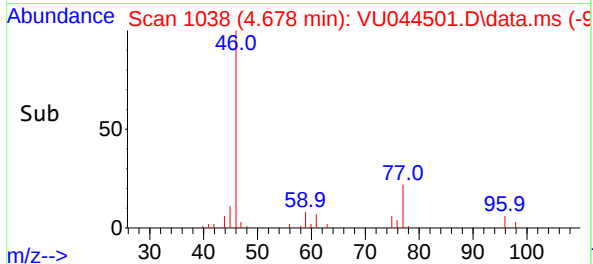
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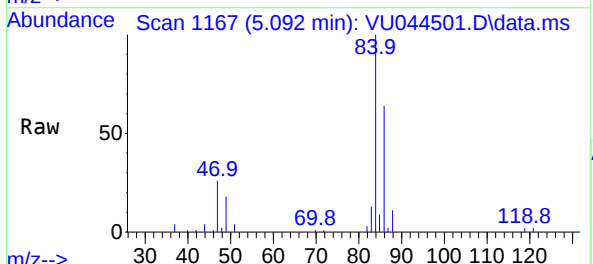
Tgt Ion: 96 Resp: 1289
Ion Ratio Lower Upper
96 100
61 112.3 93.9 174.5
98 56.1 44.7 83.1

Manual Integrations
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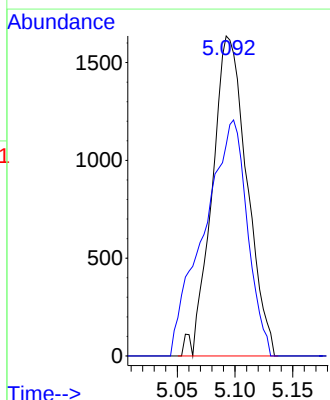
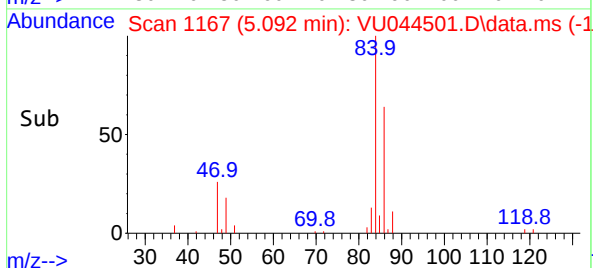
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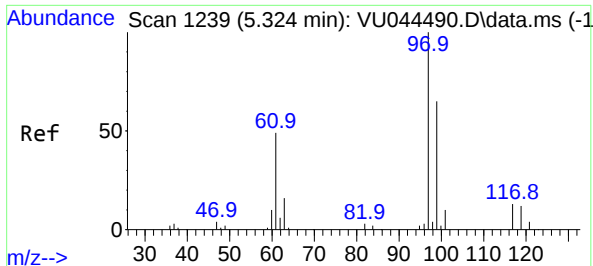


#25
Chloroform
Concen: 0.184 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40



Tgt Ion: 83 Resp: 3432
Ion Ratio Lower Upper
83 100
85 66.0 45.3 84.1





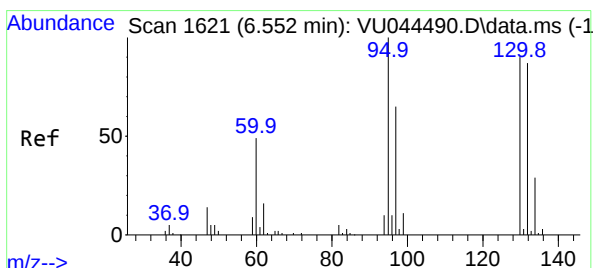
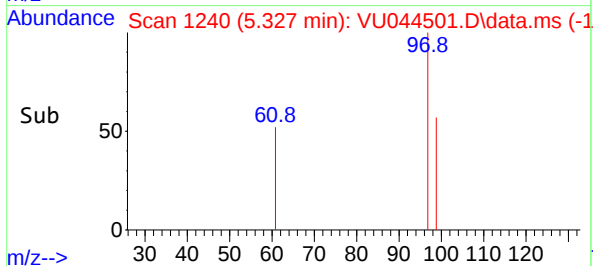
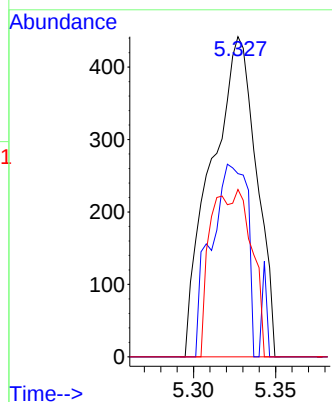
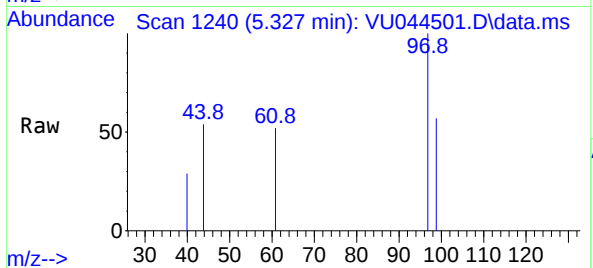
#29
1,1,1-Trichloroethane
Concen: 0.057 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 97 Resp: 848
Ion Ratio Lower Upper
97 100
99 48.2 52.5 78.7#
61 22.5 39.2 58.8#

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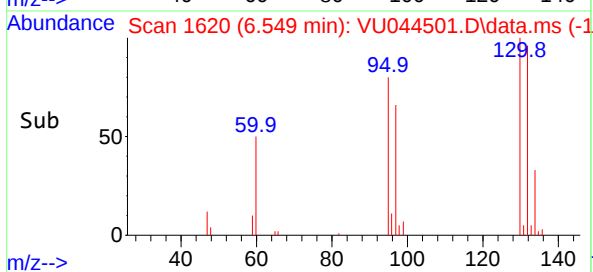
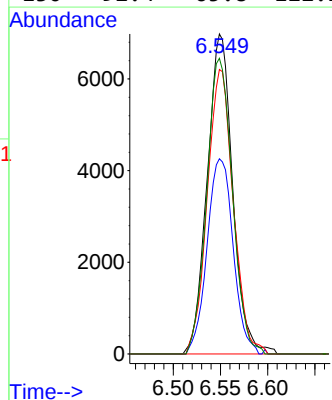
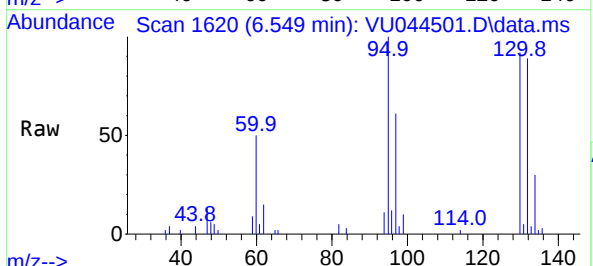
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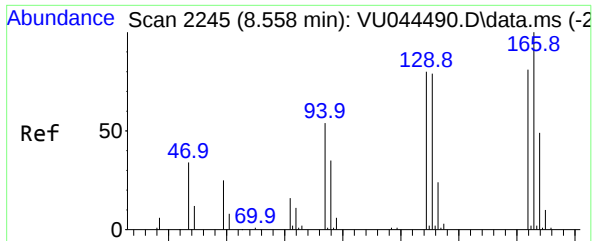
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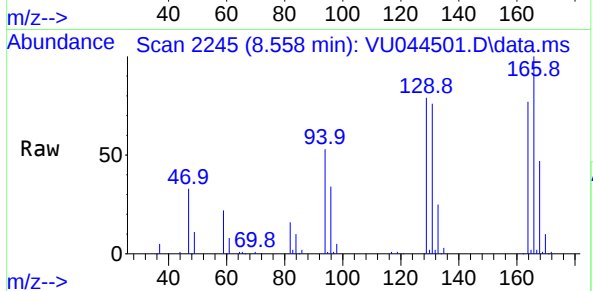
#34
Trichloroethene
Concen: 1.325 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40

Tgt Ion: 95 Resp: 13107
Ion Ratio Lower Upper
95 100
97 61.0 45.6 84.8
132 88.9 63.4 117.8
130 92.4 65.8 122.2



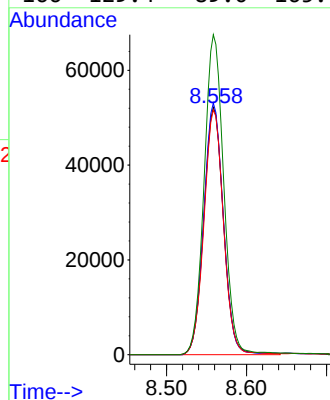
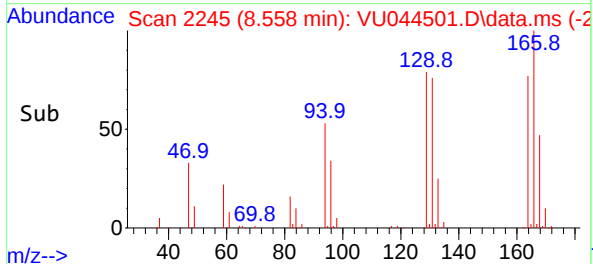


#47
Tetrachloroethene
Concen: 13.131 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044501.D
Acq: 23 Aug 2021 14:40



Tgt Ion:164 Resp: 89816

Ion	Ratio	Lower	Upper
164	100		
129	101.8	71.0	131.8
131	99.0	68.0	126.4
166	129.4	89.0	165.4



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