

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043144.D
 Acq On : 16 Apr 2021 00:58
 Operator : SY/MD
 Sample : M2055-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4483

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:21:37 AM

Quant Time: Apr 16 07:17:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	60773	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	60504	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	28652	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17293	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.919	69	16513	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.572	65	10787	6.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.60%
20) 2-Butanone-d5	4.649	46	92890m	68.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.06%#
24) Chloroform-d	5.073	84	46713	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.80%
26) 1,2-Dichloroethane-d4	5.713	65	31732	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.736	84	84559	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.00%
36) 1,2-Dichloropropane-d6	6.700	67	28638	6.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.60%
41) Toluene-d8	7.906	98	76550	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloroprop...	8.189	79	11675	5.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.20%
46) 2-Hexanone-d5	8.645	63	64826	63.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.00%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25635	6.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.80%#
66) 1,2-Dichlorobenzene-d4	12.201	152	30104	6.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.60%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	599	0.15	ug/L	89
13) Acetone	2.655	43	2475	2.49	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	30389	2.75	ug/L	# 91
22) cis-1,2-Dichloroethene	4.678	96	1440	0.34	ug/L	79
25) Chloroform	5.096	83	1887	0.23	ug/L	87
34) Trichloroethene	6.552	95	8304	1.86	ug/L	97
47) Tetrachloroethene	8.562	164	62333	17.64	ug/L	97

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

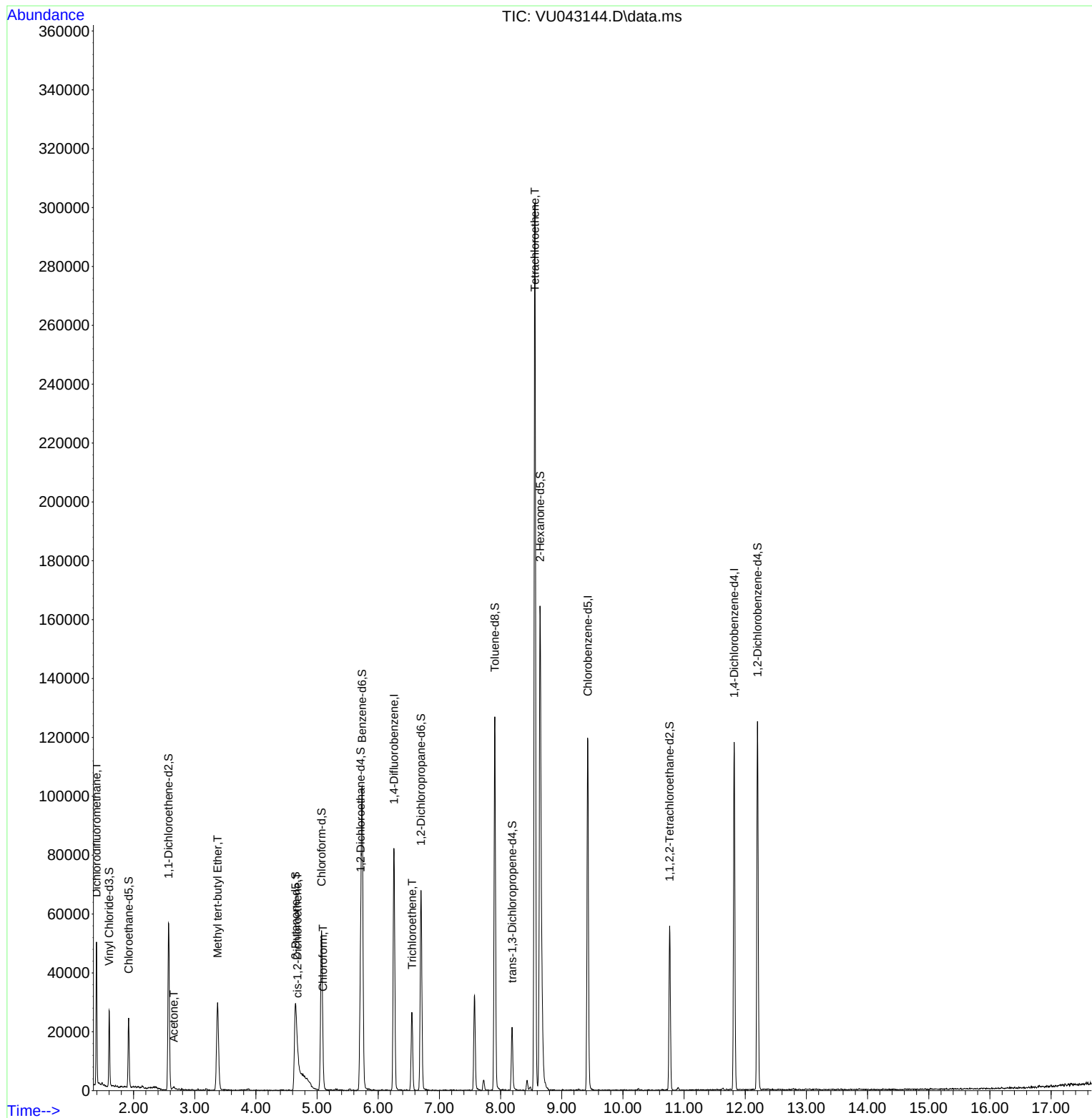
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043144.D
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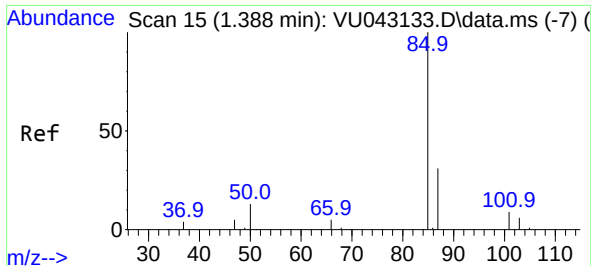
Instrument :
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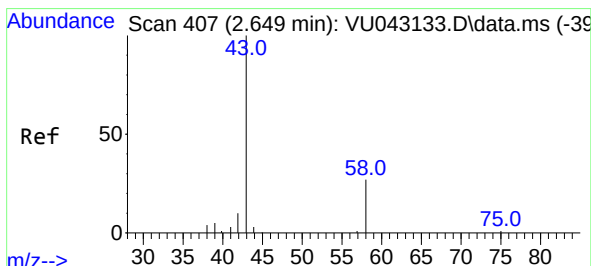
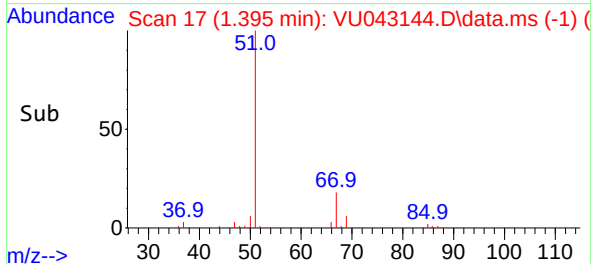
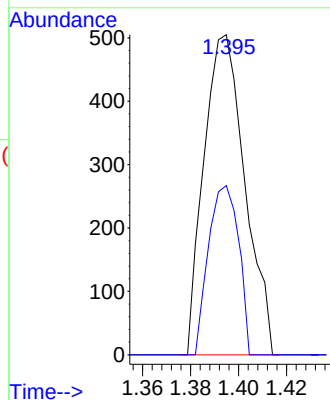
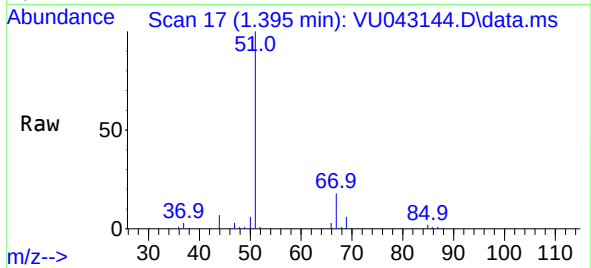
#2
Dichlorodifluoromethane
Concen: 0.15 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Tgt Ion: 85 Resp: 599
Ion Ratio Lower Upper
85 100
87 38.9 26.3 39.5

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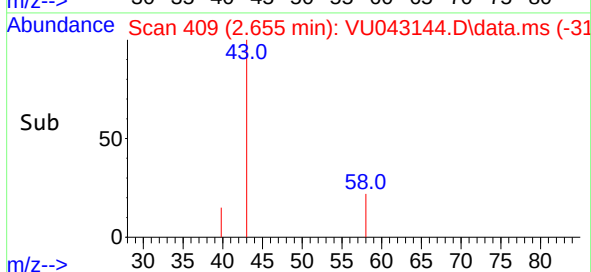
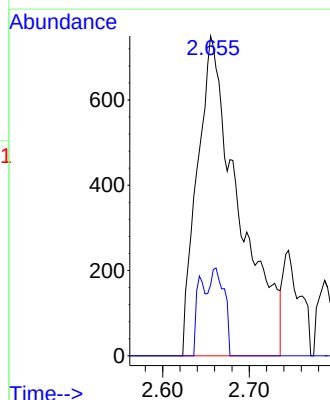
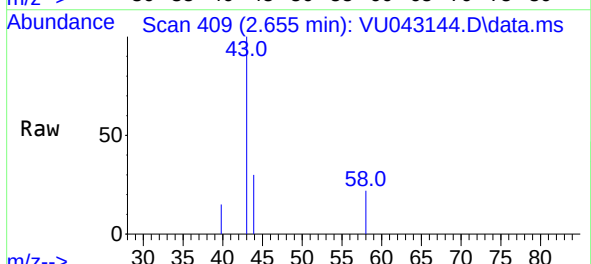
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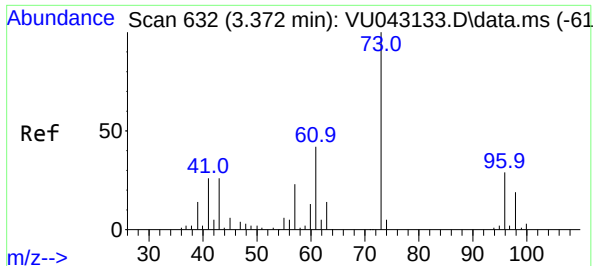
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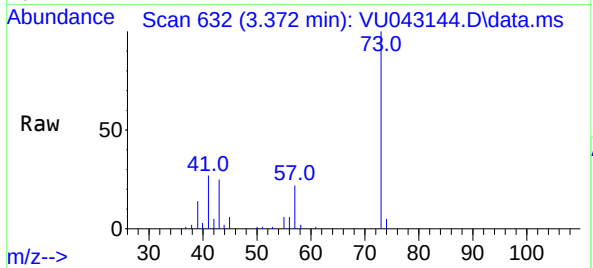
#13
Acetone
Concen: 2.49 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.007 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Tgt Ion: 43 Resp: 2475
Ion Ratio Lower Upper
43 100
58 9.3 0.0 25.0

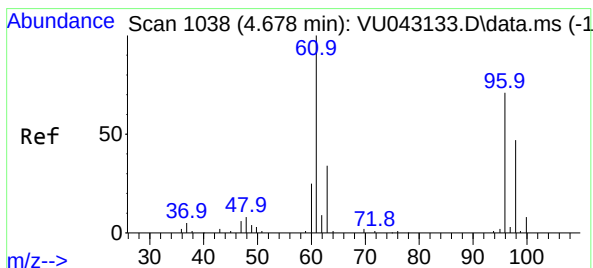
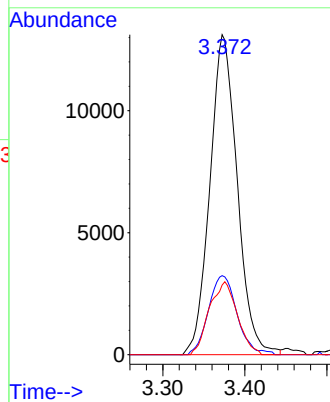
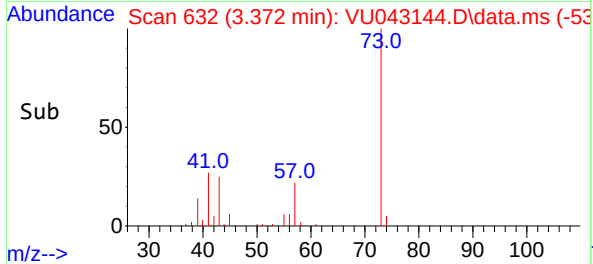




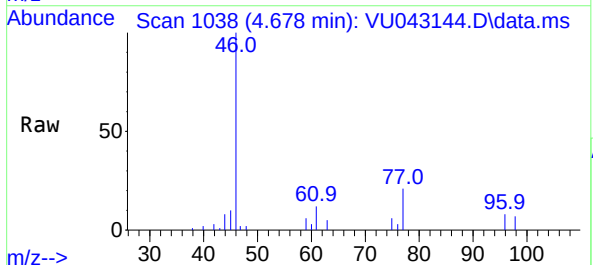
#17
Methyl tert-butyl Ether
Concen: 2.75 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58



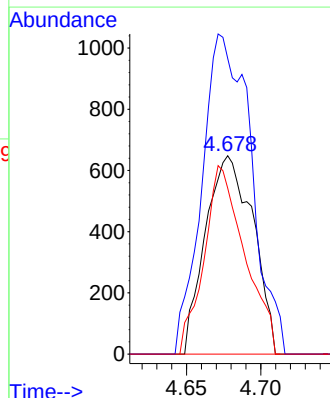
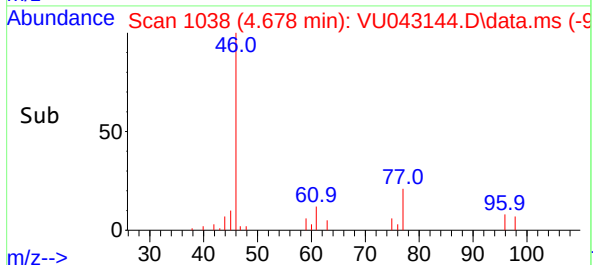
Tgt Ion: 73 Resp: 30389
Ion Ratio Lower Upper
73 100
43 25.8 15.0 22.4#
57 23.4 17.3 25.9



#22
cis-1,2-Dichloroethene
Concen: 0.34 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58



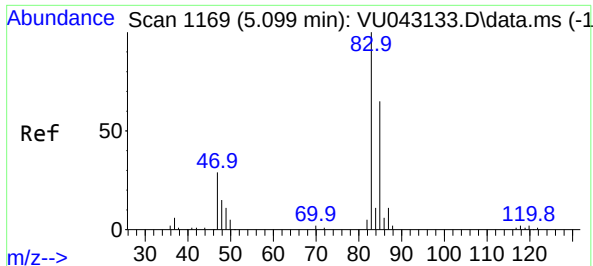
Tgt Ion: 96 Resp: 1440
Ion Ratio Lower Upper
96 100
61 149.1 87.4 162.4
98 83.6 47.7 88.5



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#25

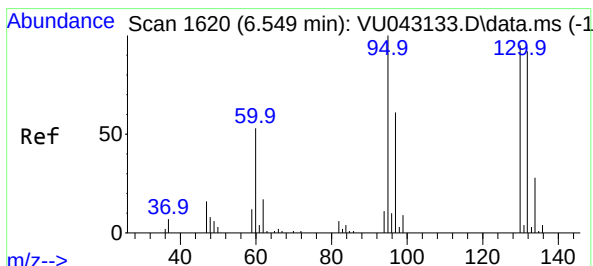
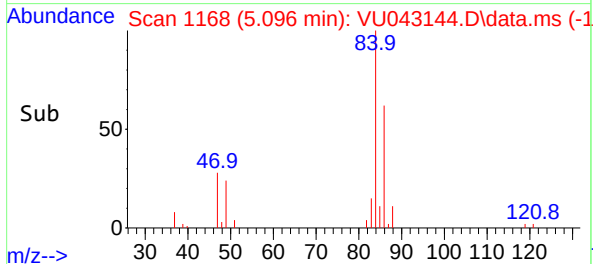
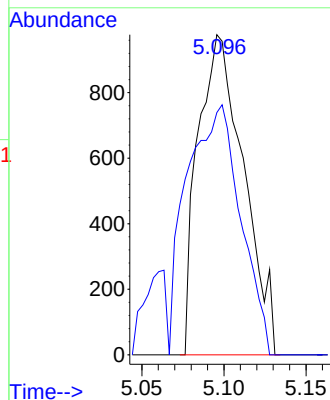
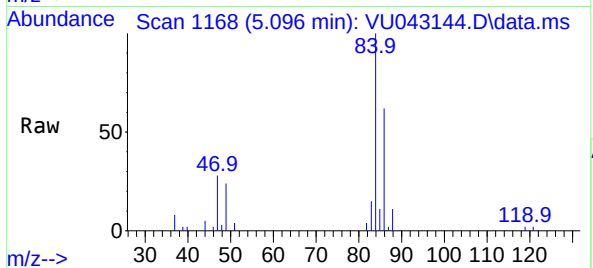
Chloroform
Concen: 0.23 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Tgt Ion: 83 Resp: 1887
Ion Ratio Lower Upper
83 100
85 75.6 45.6 84.8

Instrument :
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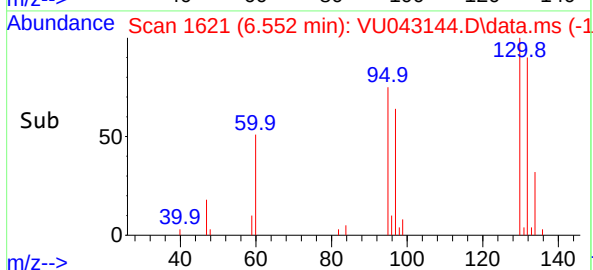
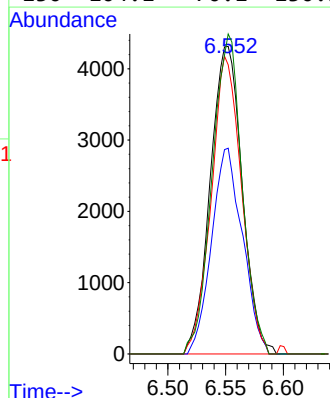
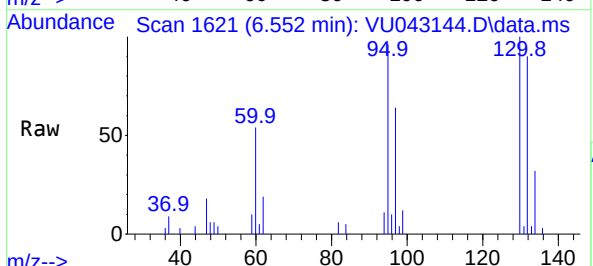
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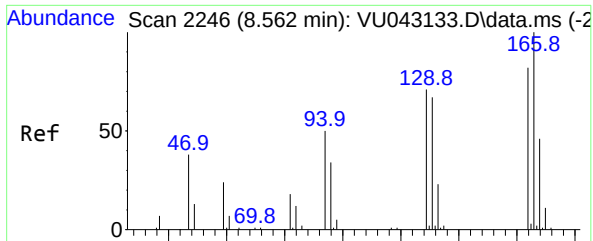


#34

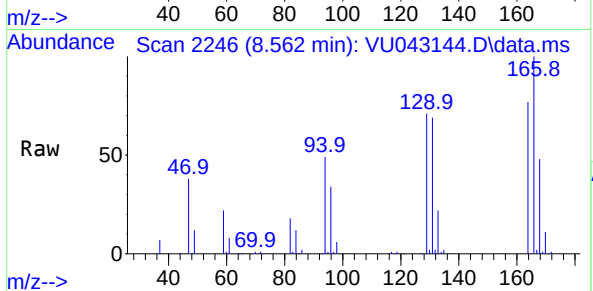
Trichloroethene
Concen: 1.86 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Tgt Ion: 95 Resp: 8304
Ion Ratio Lower Upper
95 100
97 66.9 45.8 85.2
132 94.0 68.7 127.7
130 104.1 70.1 130.3



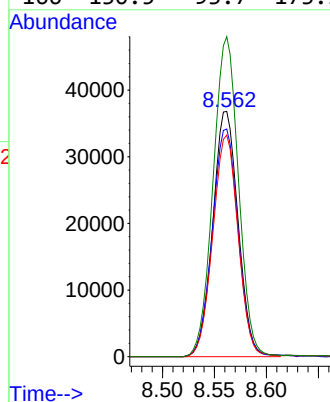
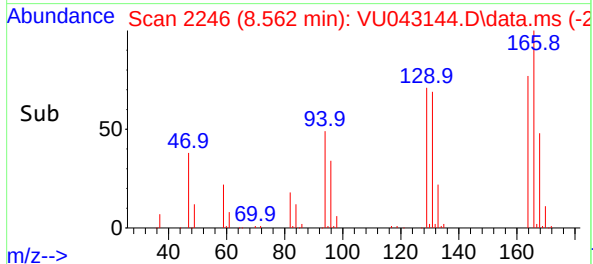


#47
Tetrachloroethene
Concen: 17.64 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58



Tgt Ion:164 Resp: 62333

Ion	Ratio	Lower	Upper
164	100		
129	92.8	66.6	123.8
131	90.3	65.9	122.3
166	130.5	93.7	173.9



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