

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044497.D
 Acq On : 23 Aug 2021 13:03
 Operator : SY/MD
 Sample : M3515-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4556

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:21:34 AM

Quant Time: Aug 24 03:58:57 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	121251	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	120842	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	54356	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36909	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.919	69	35517	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.571	65	17674	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.642	46	133153m	49.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.20%
24) Chloroform-d	5.073	84	77393	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.710	65	42569	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.735	84	155850	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.700	67	51375	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.906	98	132073	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloroprop...	8.185	79	17257	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.645	63	106619	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	42805	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	45118	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1383	0.11	ug/L	98
3) Chloromethane	1.523	50	2343	0.14	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	6976	0.29	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	7054	0.68	ug/L	95
25) Chloroform	5.092	83	5002	0.26	ug/L	98
34) Trichloroethene	6.549	95	5744	0.57	ug/L	94
40) 4-Methyl-2-pentanone	7.806	43	5176	0.71	ug/L #	80
47) Tetrachloroethene	8.562	164	11318	1.61	ug/L	96
48) 2-Hexanone	8.693	43	6750	1.30	ug/L #	91
67) 1,2-Dichlorobenzene	12.217	146	1200	0.07	ug/L #	78
70) 1,2,4-trichlorobenzene	13.848	180	1729	0.18	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	1962	0.22	ug/L	90

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

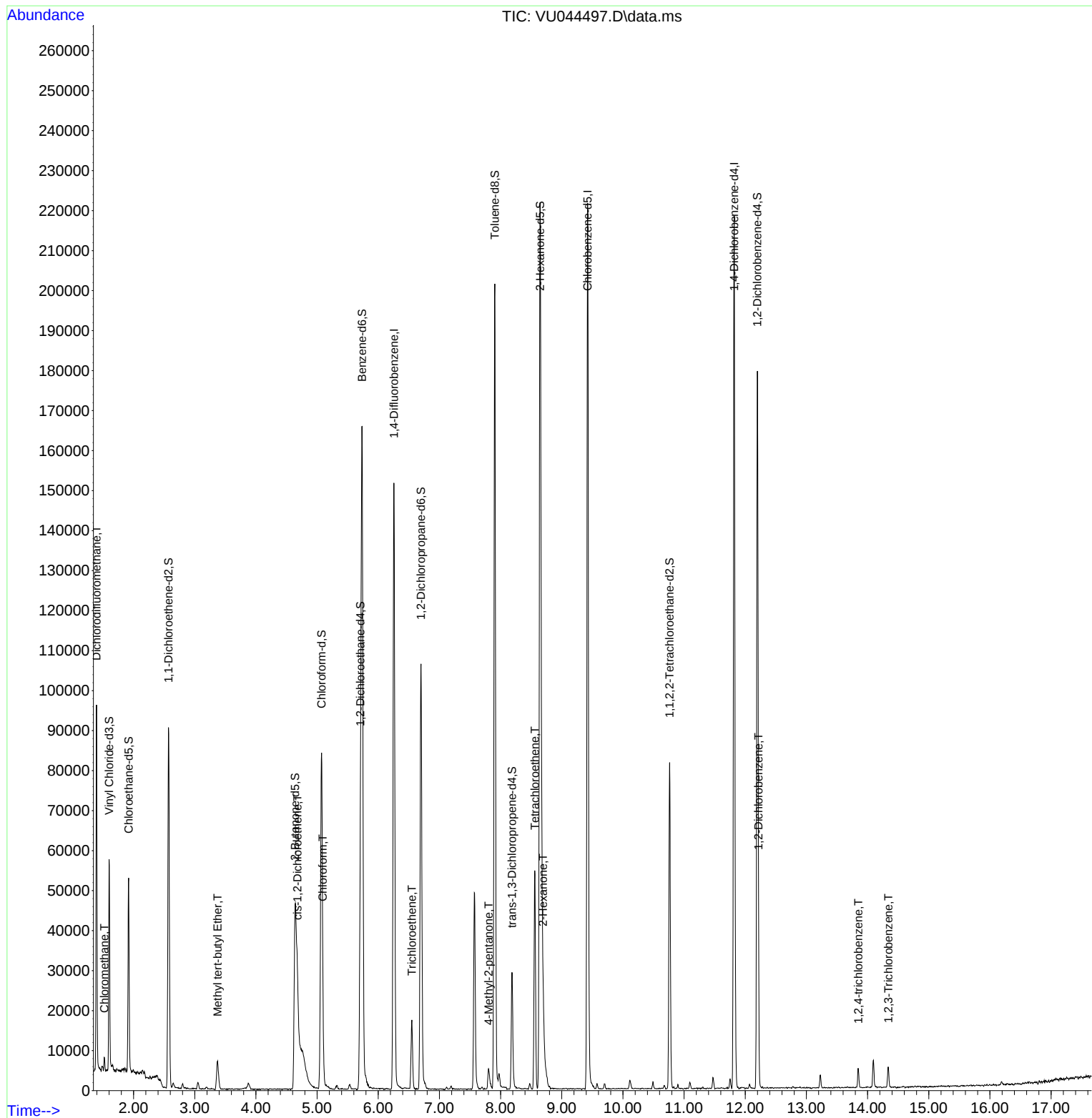
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
Data File : VU044497.D
Acq On : 23 Aug 2021 13:03
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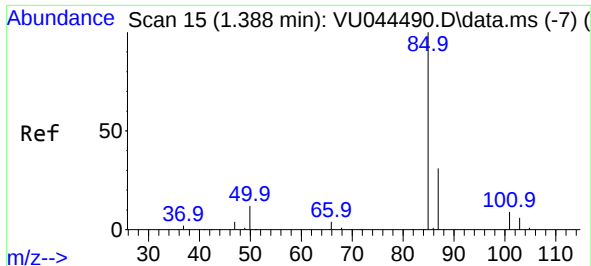
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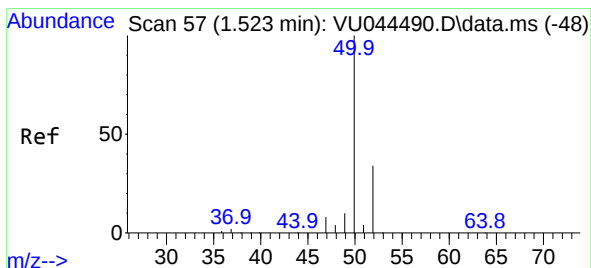
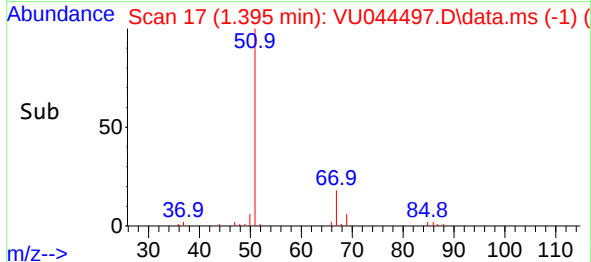
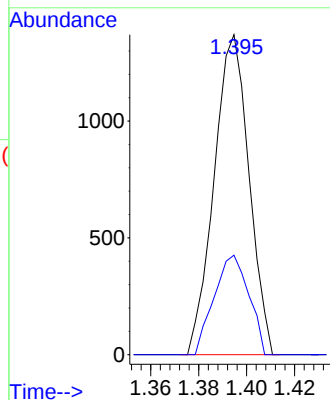
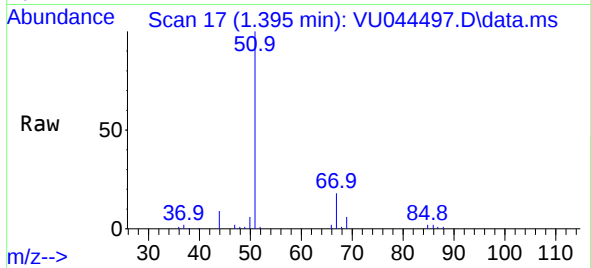
#2
Dichlorodifluoromethane
Concen: 0.11 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU044497.D
Acq: 23 Aug 2021 13:03

Tgt Ion: 85 Resp: 1383
Ion Ratio Lower Upper
85 100
87 30.9 25.7 38.5

Instrument :
MSVOA_U
ClientSampled :
H4556

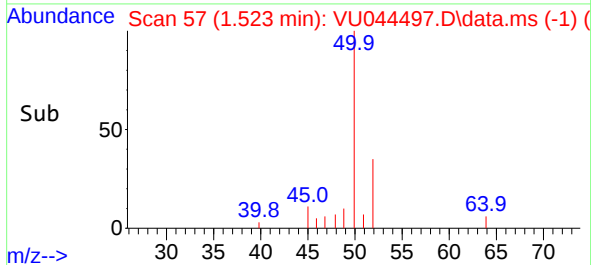
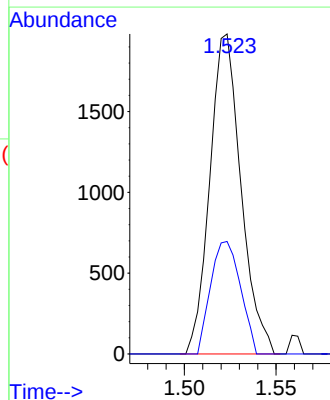
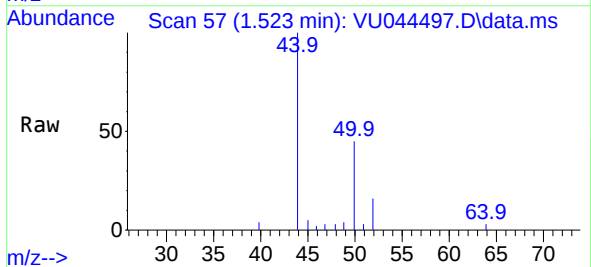
Manual Integrations
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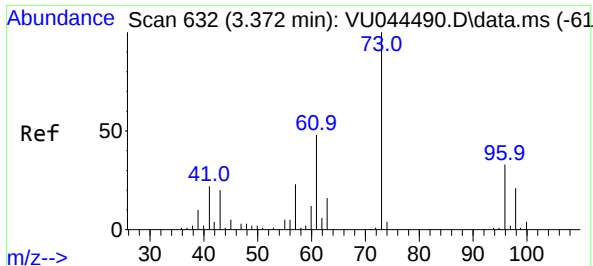
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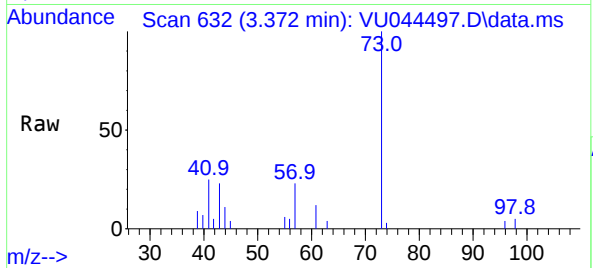
#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044497.D
Acq: 23 Aug 2021 13:03

Tgt Ion: 50 Resp: 2343
Ion Ratio Lower Upper
50 100
52 35.2 22.8 42.4

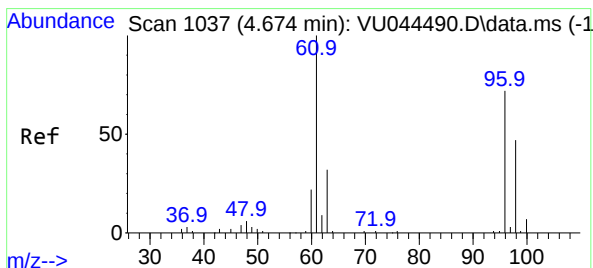
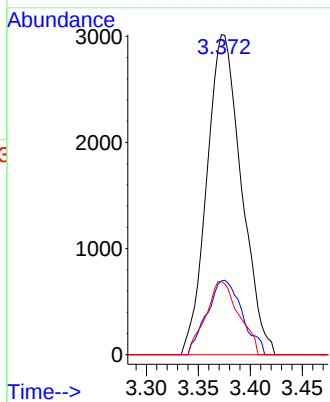
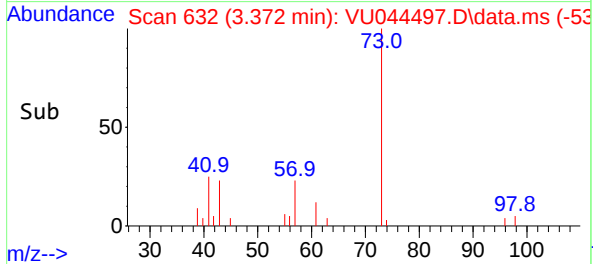




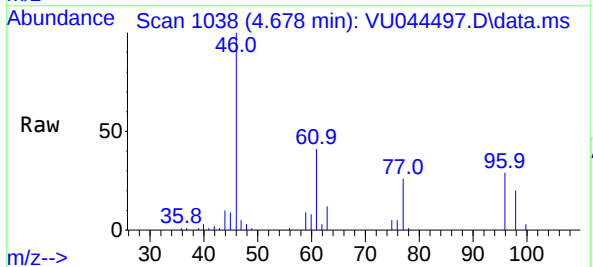
#17
Methyl tert-butyl Ether
Concen: 0.29 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044497.D
Acq: 23 Aug 2021 13:03



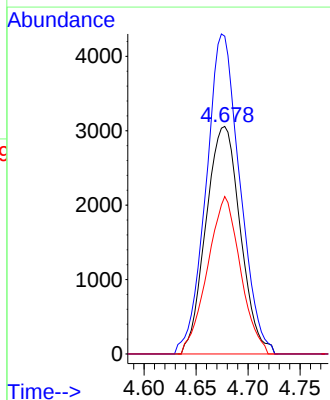
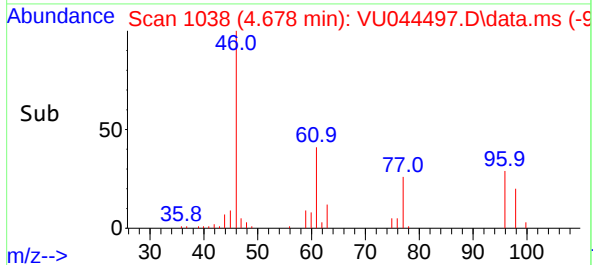
Tgt Ion:	73	Resp:	6976
Ion	Ratio	Lower	Upper
73	100		
43	23.8	16.2	24.4
57	21.9	17.8	26.8



#22
cis-1,2-Dichloroethene
Concen: 0.68 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044497.D
Acq: 23 Aug 2021 13:03



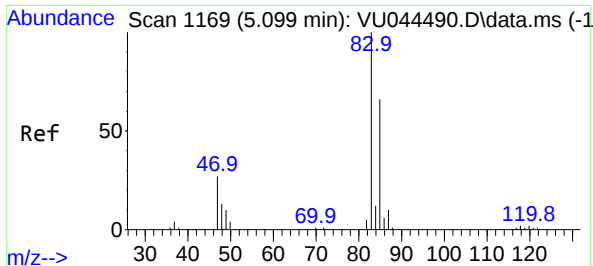
Tgt Ion:	96	Resp:	7054
Ion	Ratio	Lower	Upper
96	100		
61	139.7	93.9	174.5
98	69.2	44.7	83.1



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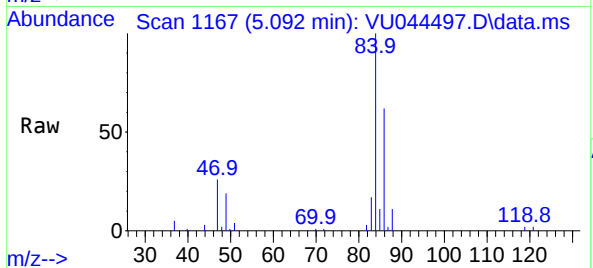
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#25
Chloroform
Concen: 0.26 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU044497.D
Acq: 23 Aug 2021 13:03

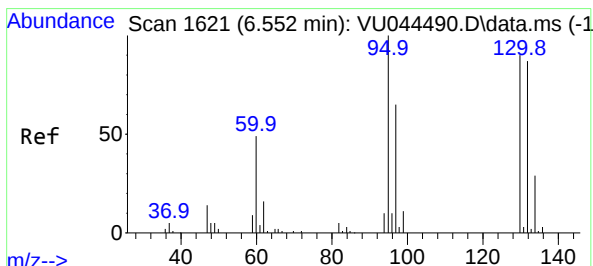
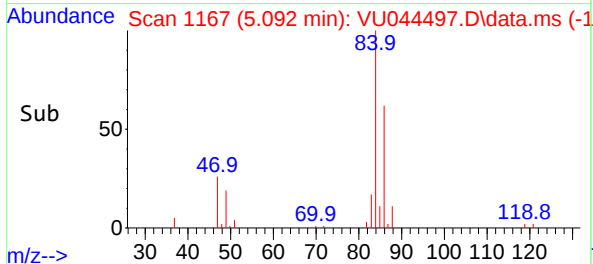
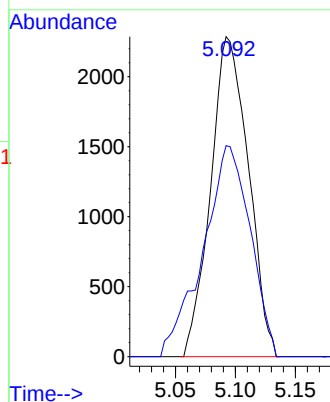
Instrument :
MSVOA_U
ClientSampled :
H4556



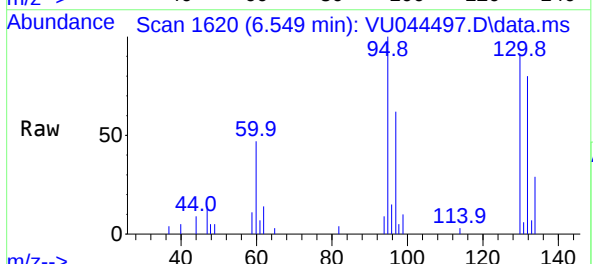
Tgt Ion: 83 Resp: 5002
Ion Ratio Lower Upper
83 100
85 66.0 45.3 84.1

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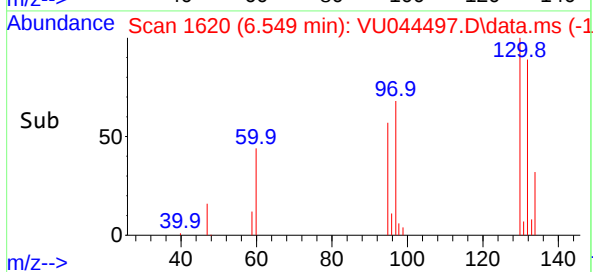
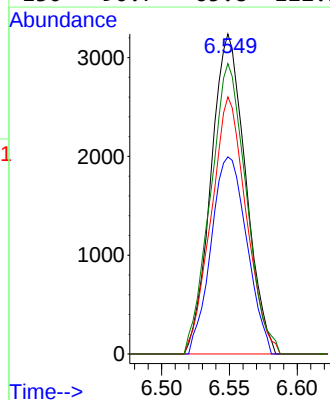
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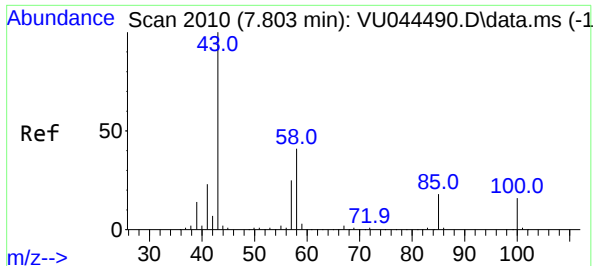


#34
Trichloroethene
Concen: 0.57 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU044497.D
Acq: 23 Aug 2021 13:03



Tgt Ion: 95 Resp: 5744
Ion Ratio Lower Upper
95 100
97 61.6 45.6 84.8
132 80.3 63.4 117.8
130 90.7 65.8 122.2





#40

4-Methyl-2-pentanone

Concen: 0.71 ug/L

RT: 7.806 min Scan# 2011

Delta R.T. 0.003 min

Lab File: VU044497.D

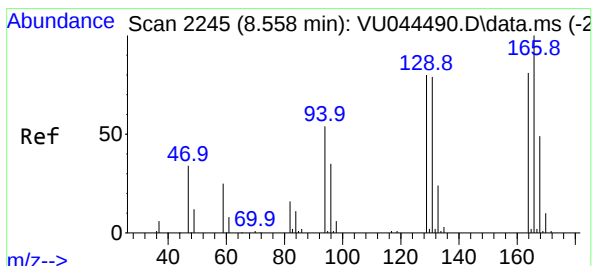
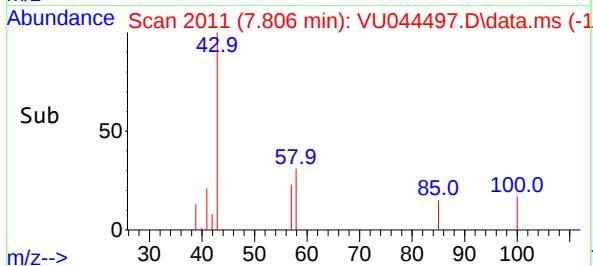
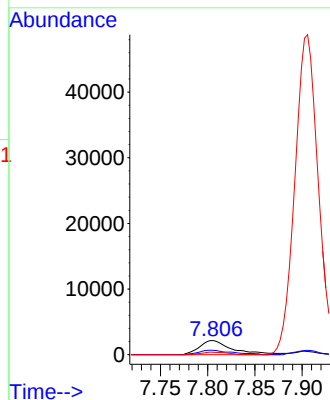
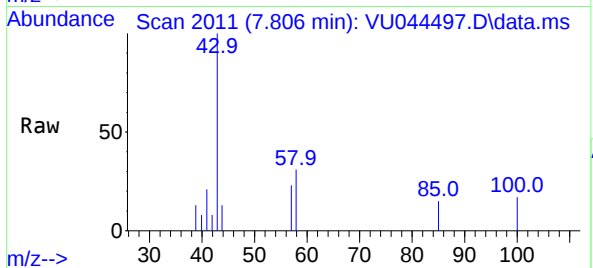
Acq: 23 Aug 2021 13:03

Tgt Ion:	43	Resp:	5176
Ion Ratio	Lower	Upper	
43	100		
58	31.9	32.5	48.7#
100	0.0	12.3	18.5#

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#47

Tetrachloroethene

Concen: 1.61 ug/L

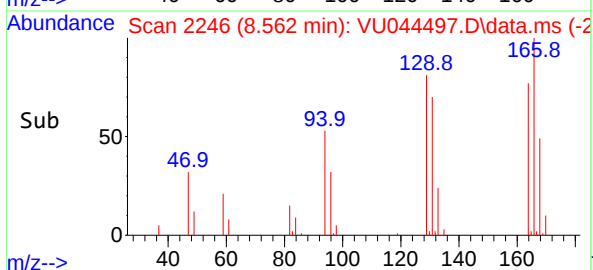
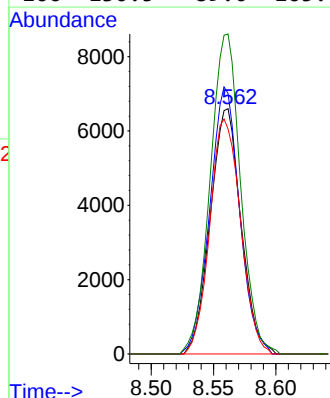
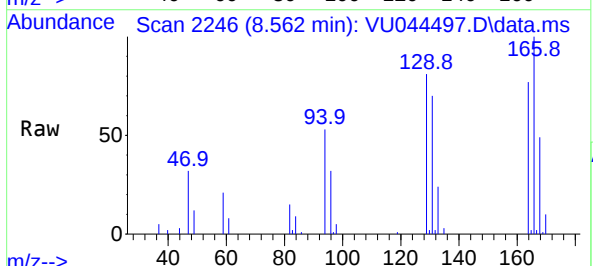
RT: 8.562 min Scan# 2246

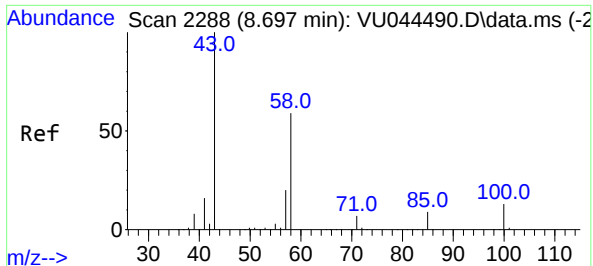
Delta R.T. 0.003 min

Lab File: VU044497.D

Acq: 23 Aug 2021 13:03

Tgt Ion:	164	Resp:	11318
Ion Ratio	Lower	Upper	
164	100		
129	106.3	71.0	131.8
131	91.8	68.0	126.4
166	130.5	89.0	165.4





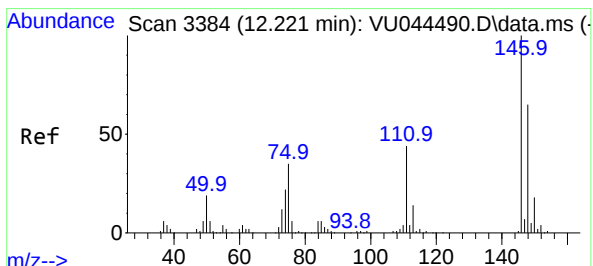
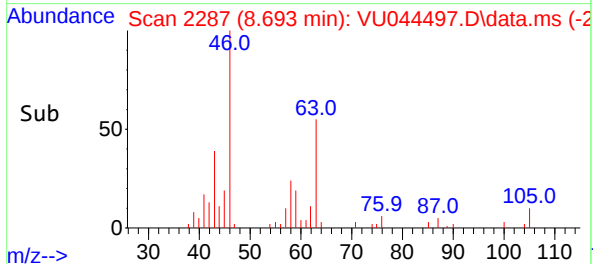
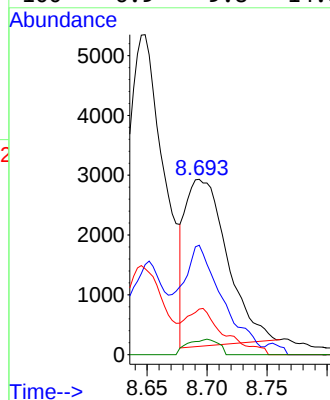
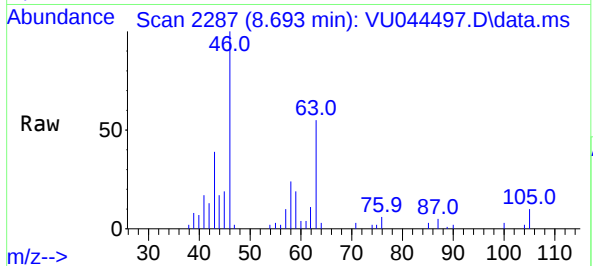
#48
2-Hexanone
Concen: 1.30 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU044497.D
Acq: 23 Aug 2021 13:03

Tgt Ion: 43	Resp: 6750
Ion Ratio	Lower Upper
43 100	
58 63.2	46.5 69.7
57 25.1	15.8 23.8#
100 6.9	9.8 14.8#

Instrument :
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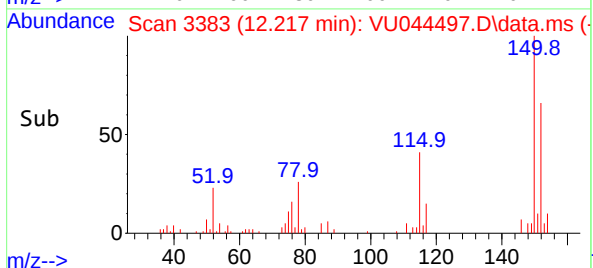
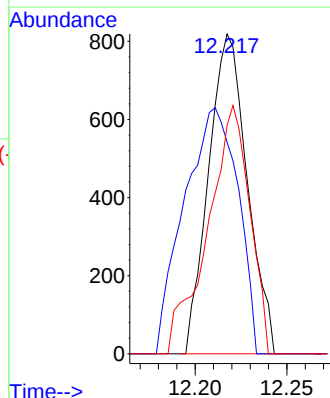
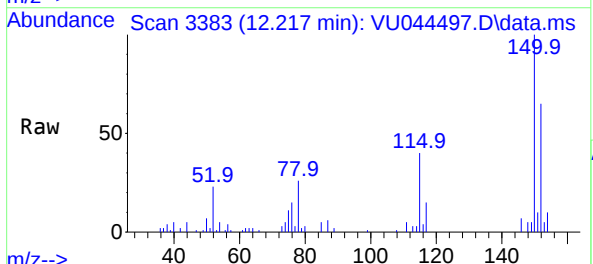
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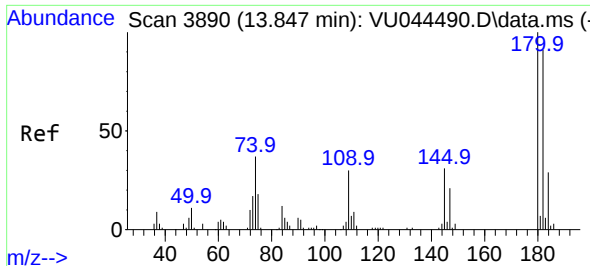
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#67
1,2-Dichlorobenzene
Concen: 0.07 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU044497.D
Acq: 23 Aug 2021 13:03

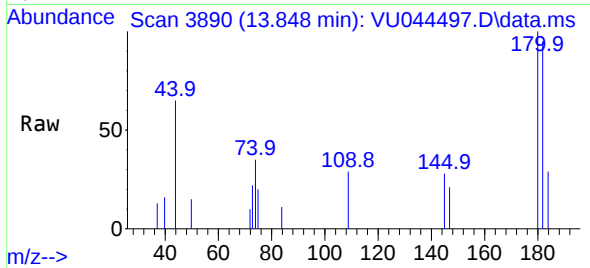
Tgt Ion:146	Resp:	1200	
Ion Ratio	Lower	Upper	
146	100		
111	66.2	34.9	52.3#
148	71.4	49.3	73.9





#70
1,2,4-trichlorobenzene
Concen: 0.18 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU044497.D
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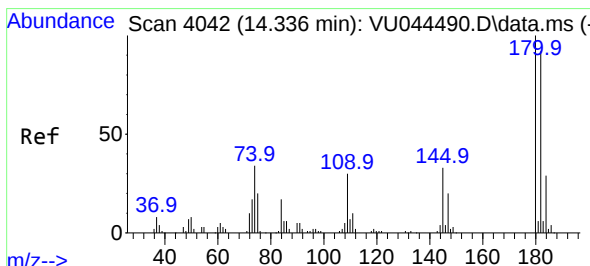
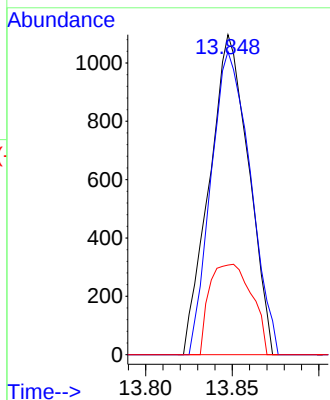
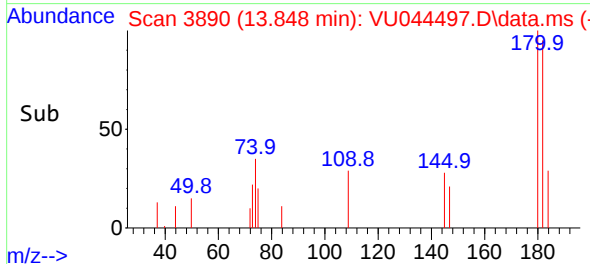
Instrument :
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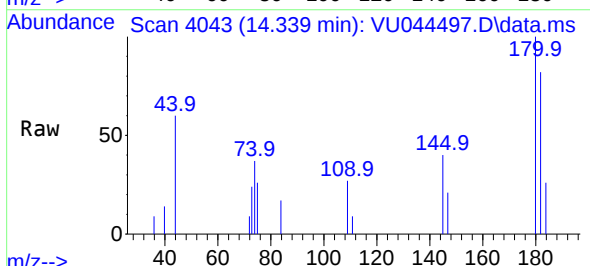
Tgt Ion:180 Resp: 1729
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 30.2 26.3 39.5

Manual Integrations
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SAM
8/24/2021 11:21:34 AM



#72
1,2,3-Trichlorobenzene
Concen: 0.22 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU044497.D
Acq: 23 Aug 2021 13:03



Tgt Ion:180 Resp: 1962
Ion Ratio Lower Upper
180 100
182 83.6 76.4 114.6
145 35.2 27.1 40.7

