

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053495.D
 Acq On : 31 Mar 2023 16:36
 Operator : JC/MD
 Sample : 02037-02DL2 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:07:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

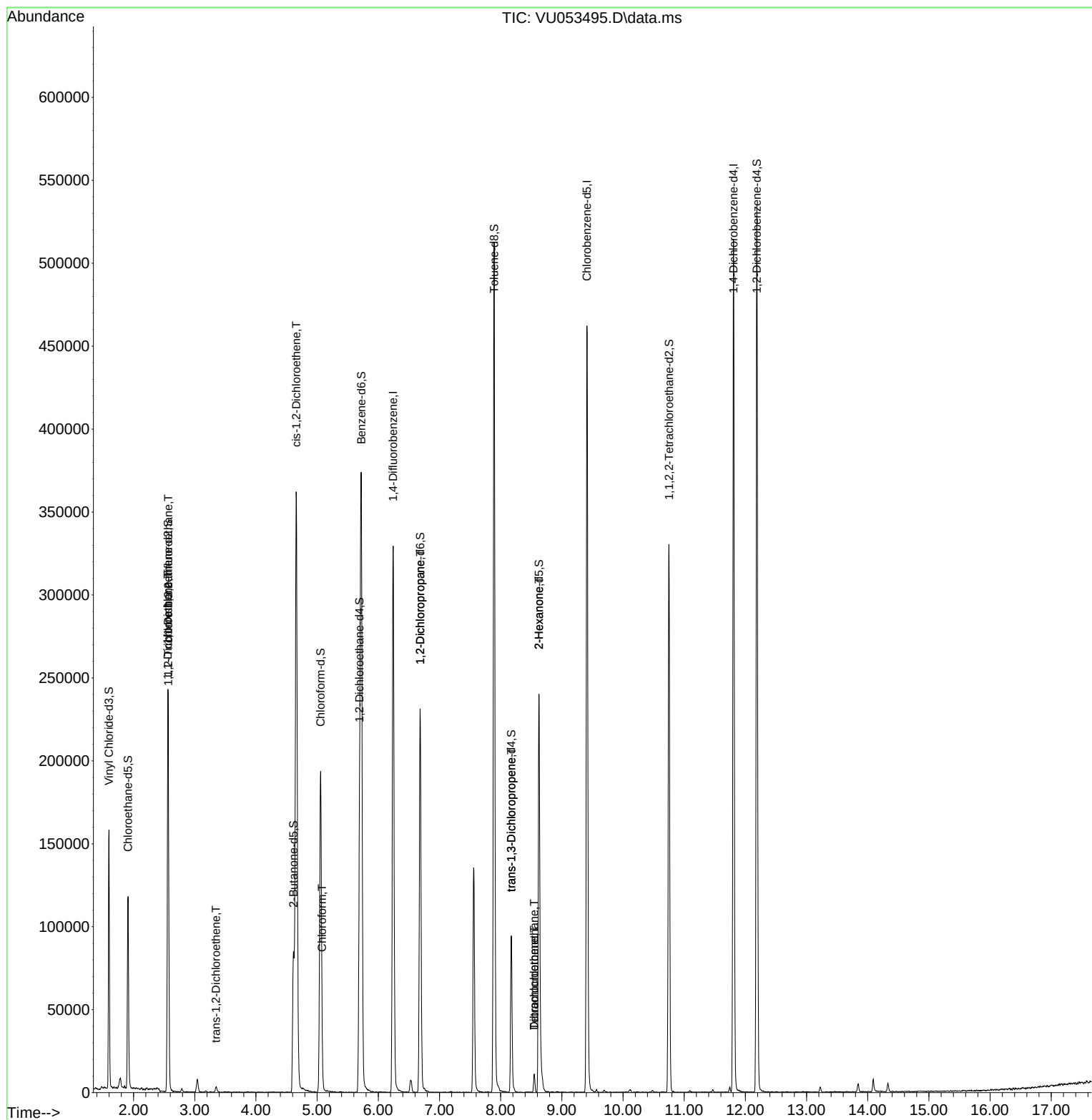
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	298110	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	279788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	143974	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	109752	47.281	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.560%	
7) Chloroethane-d5	1.909	69	84558	47.246	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.500%	
11) 1,1-Dichloroethene-d2	2.562	63	133095	37.040	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.080%	
21) 2-Butanone-d5	4.613	46	113415	107.915	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	107.910%	
24) Chloroform-d	5.057	84	176710	46.031	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.060%	
26) 1,2-Dichloroethane-d4	5.694	65	112986	49.808	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.620%	
32) Benzene-d6	5.723	84	369133	48.877	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.760%	
36) 1,2-Dichloropropane-d6	6.684	67	110726	47.967	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.940%	
41) Toluene-d8	7.893	98	358170	47.716	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.440%	
43) trans-1,3-Dichloroprop...	8.173	79	55074	46.220	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.440%	
47) 2-Hexanone-d5	8.626	63	83303	105.739	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.740%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	158174	48.616	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.240%	
66) 1,2-Dichlorobenzene-d4	12.189	152	151161	50.299	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1517	0.739	ug/L #	22
12) 1,1-Dichloroethene	2.559	96	1583	0.865	ug/L #	1
17) trans-1,2-Dichloroethene	3.347	96	1710	0.930	ug/L	83
20) cis-1,2-Dichloroethene	4.658	96	199915	94.148	ug/L	98
25) Chloroform	5.080	83	2202	0.630	ug/L	97
37) 1,2-Dichloropropane	6.684	63	11653	6.296	ug/L #	86
44) trans-1,3-Dichloropropene	8.173	75	2798	0.979	ug/L #	55
46) Tetrachloroethene	8.549	164	2530	1.383	ug/L	93
48) 2-Hexanone	8.626	43	8965	5.510	ug/L #	77
49) Dibromochloromethane	8.549	129	2293	1.085	ug/L #	11

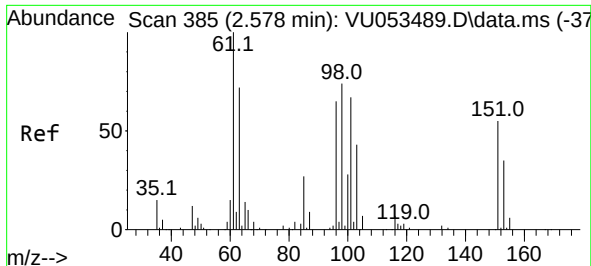
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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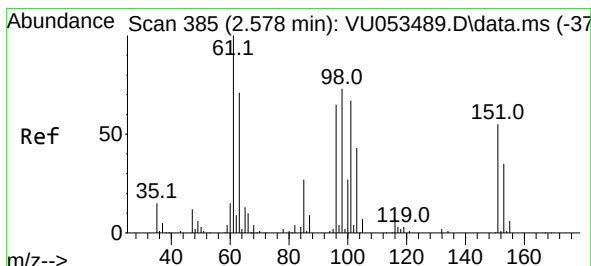
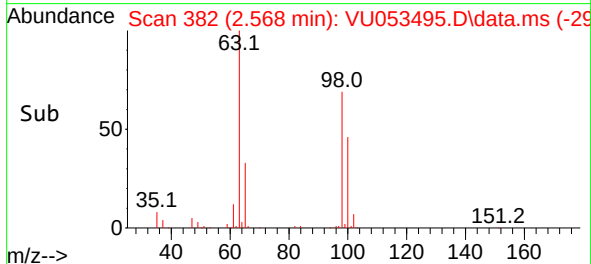
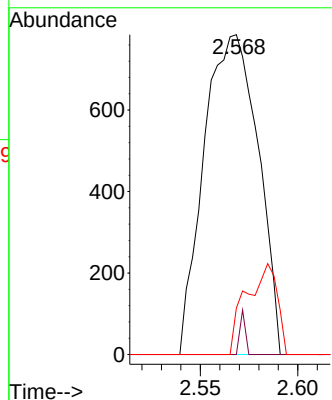
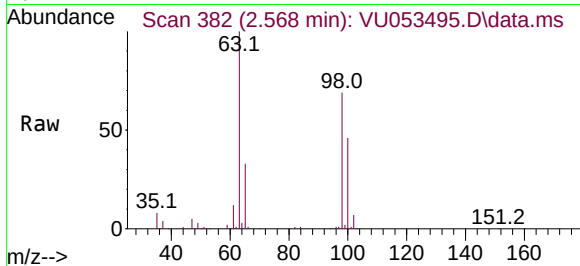




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.739 ug/L
RT: 2.568 min Scan# 317
Delta R.T. -0.009 min
Lab File: VU053495.D
Acq: 31 Mar 2023 16:36

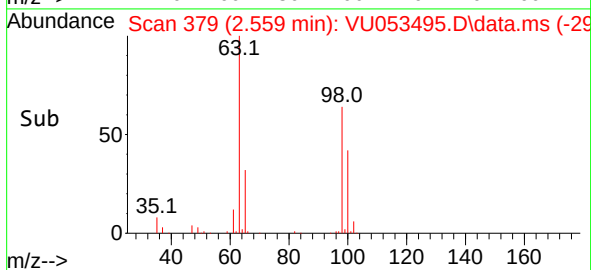
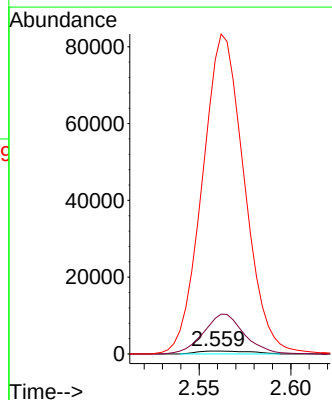
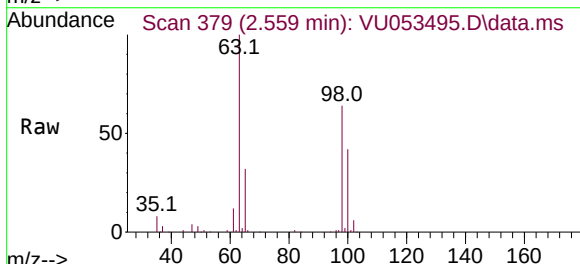
Instrument :
MSVOA_W
ClientSampleId :

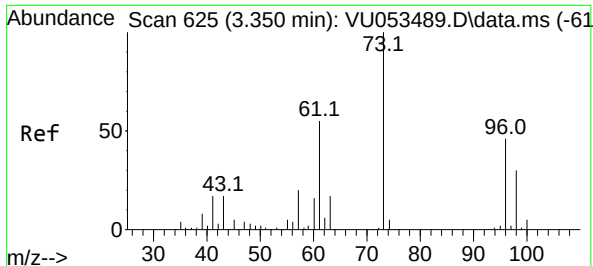
Tgt Ion:101 Resp: 1517
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 7.2 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.865 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.019 min
Lab File: VU053495.D
Acq: 31 Mar 2023 16:36

Tgt Ion: 96 Resp: 1583
Ion Ratio Lower Upper
96 100
61 1237.2 107.9 200.5#
63 10216.5 79.1 146.9#





#17

trans-1,2-Dichloroethene

Concen: 0.930 ug/L

RT: 3.347 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU053495.D

Acq: 31 Mar 2023 16:36

Instrument :

MSVOA_W

ClientSampleId :

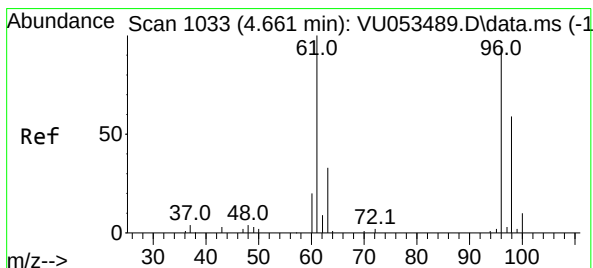
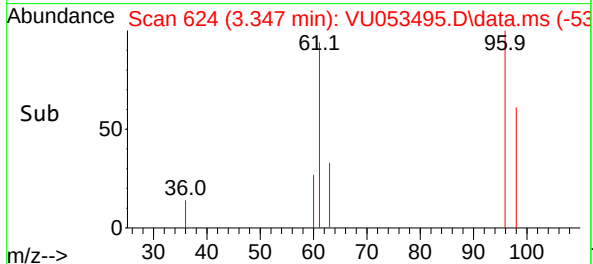
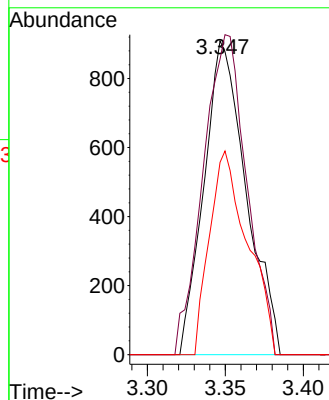
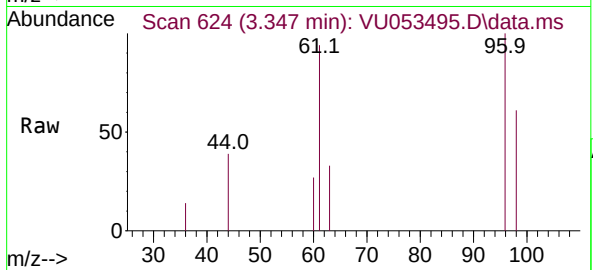
Tgt Ion: 96 Resp: 1710

Ion Ratio Lower Upper

96 100

61 94.2 84.4 156.8

98 61.3 46.0 85.4



#20

cis-1,2-Dichloroethene

Concen: 94.148 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU053495.D

Acq: 31 Mar 2023 16:36

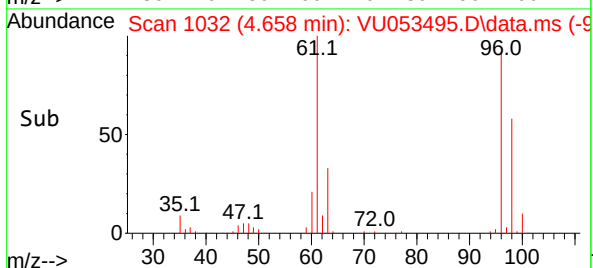
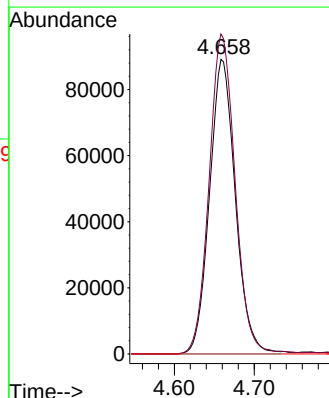
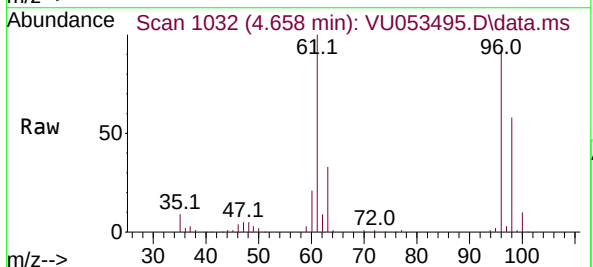
Tgt Ion: 96 Resp: 199915

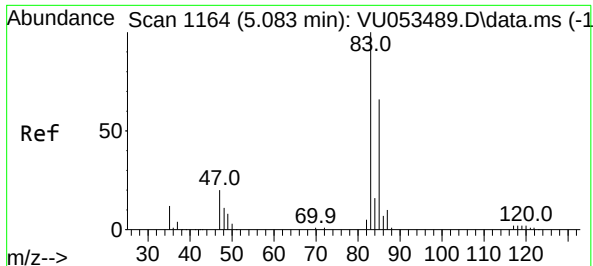
Ion Ratio Lower Upper

96 100

61 108.6 74.7 138.7

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.630 ug/L

RT: 5.080 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU053495.D

Acq: 31 Mar 2023 16:36

Instrument :

MSVOA_W

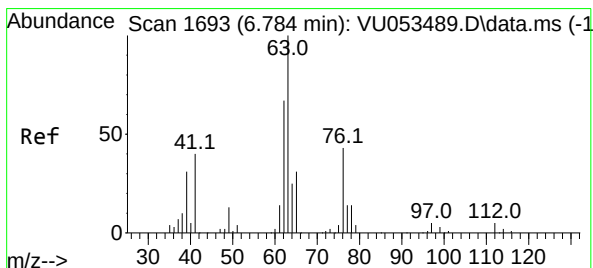
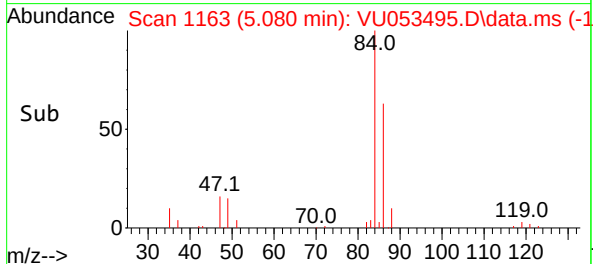
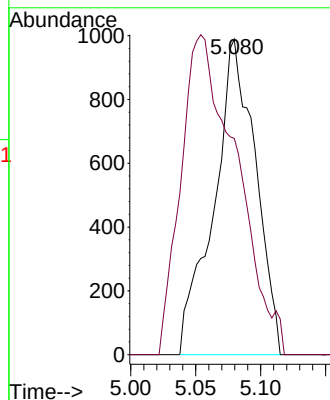
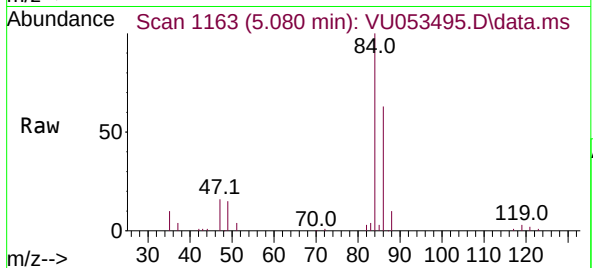
ClientSampleId :

Tgt Ion: 83 Resp: 2202

Ion Ratio Lower Upper

83 100

85 68.6 46.1 85.5



#37

1,2-Dichloropropane

Concen: 6.296 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.099 min

Lab File: VU053495.D

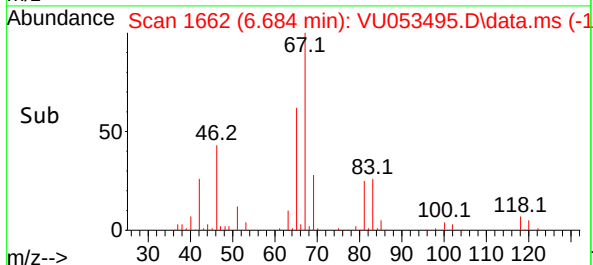
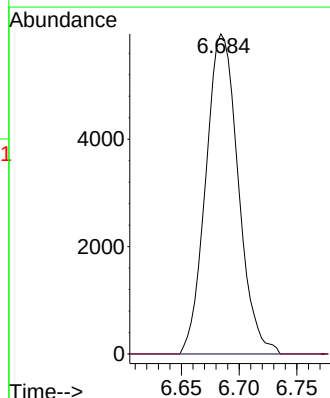
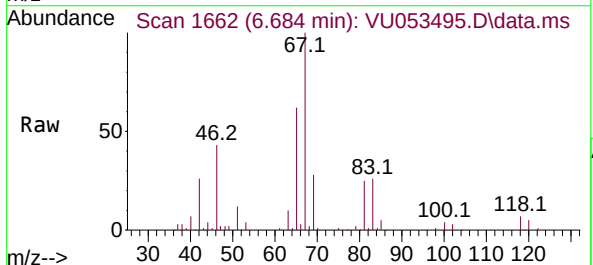
Acq: 31 Mar 2023 16:36

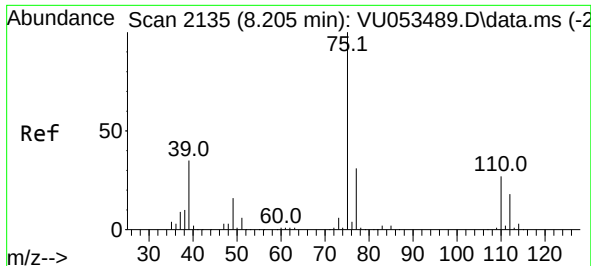
Tgt Ion: 63 Resp: 11653

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

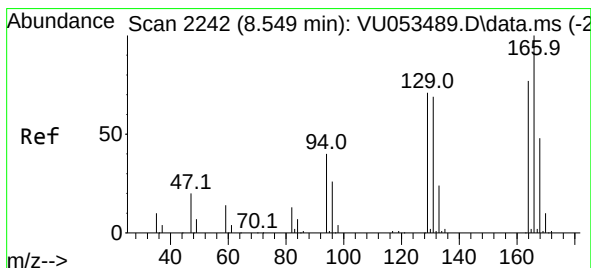
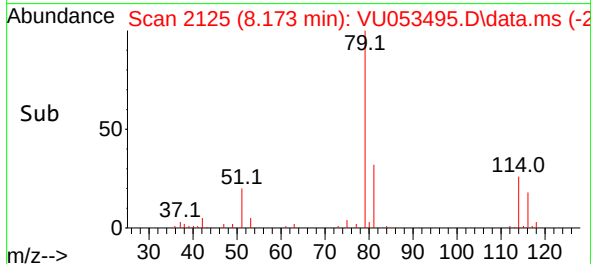
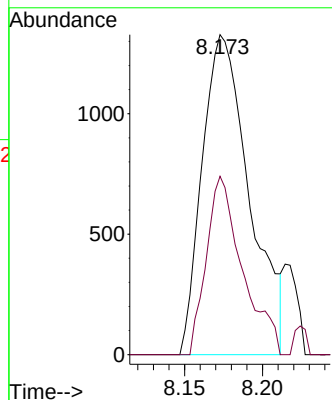
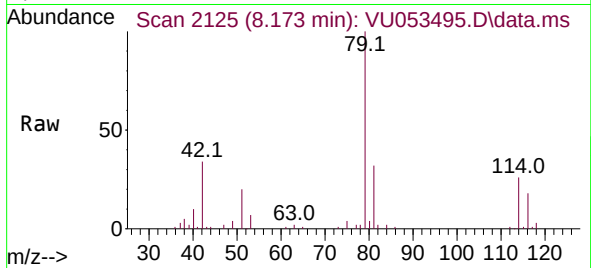




#44
trans-1,3-Dichloropropene
Concen: 0.979 ug/L
RT: 8.173 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU053495.D
Acq: 31 Mar 2023 16:36

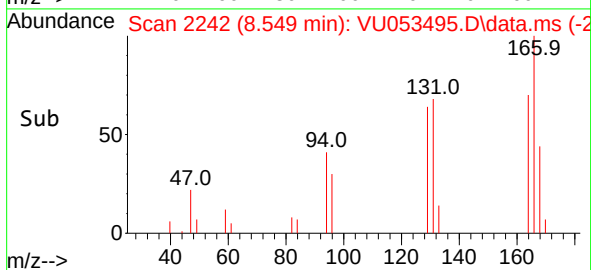
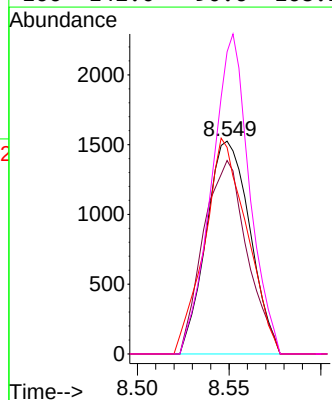
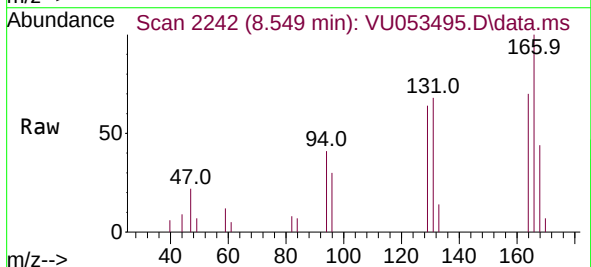
Instrument :
MSVOA_W
ClientSampleId :

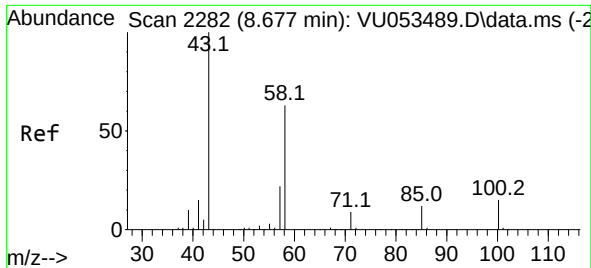
Tgt Ion: 75 Resp: 2798
Ion Ratio Lower Upper
75 100
77 55.7 21.8 40.4#



#46
Tetrachloroethene
Concen: 1.383 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053495.D
Acq: 31 Mar 2023 16:36

Tgt Ion:164 Resp: 2530
Ion Ratio Lower Upper
164 100
129 90.9 64.0 119.0
131 97.0 61.9 115.1
166 142.0 90.6 168.2

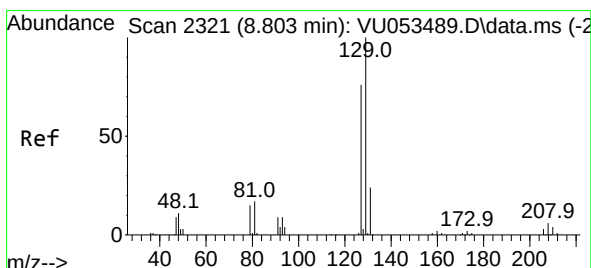
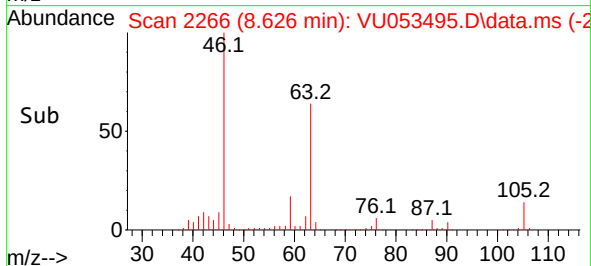
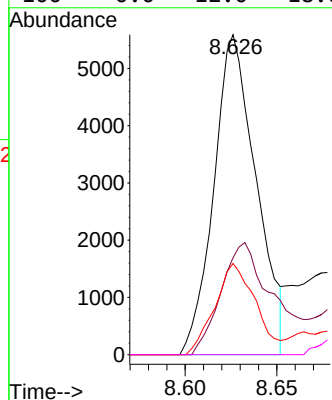
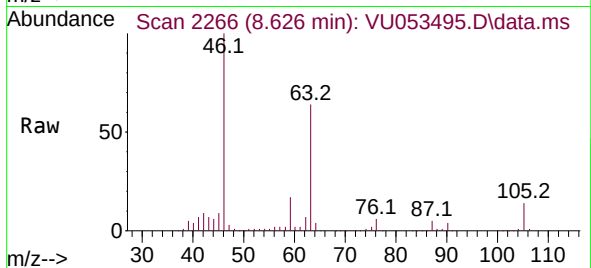




#48
2-Hexanone
Concen: 5.510 ug/L
RT: 8.626 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU053495.D
Acq: 31 Mar 2023 16:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43	Resp: 8965
Ion Ratio	Lower Upper
43 100	
58 43.1	49.8 74.6#
57 27.4	17.8 26.6#
100 0.0	12.0 18.0#



#49
Dibromochloromethane
Concen: 1.085 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.254 min
Lab File: VU053495.D
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Tgt Ion: 129	Resp: 2293
Ion Ratio	Lower Upper
129 100	
127 0.0	53.5 99.3#

