

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053516.D
 Acq On : 03 Apr 2023 13:41
 Operator : JC/MD
 Sample : 02130-09ME
 Misc : 5.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C1198ME

Quant Time: Apr 04 05:16:40 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

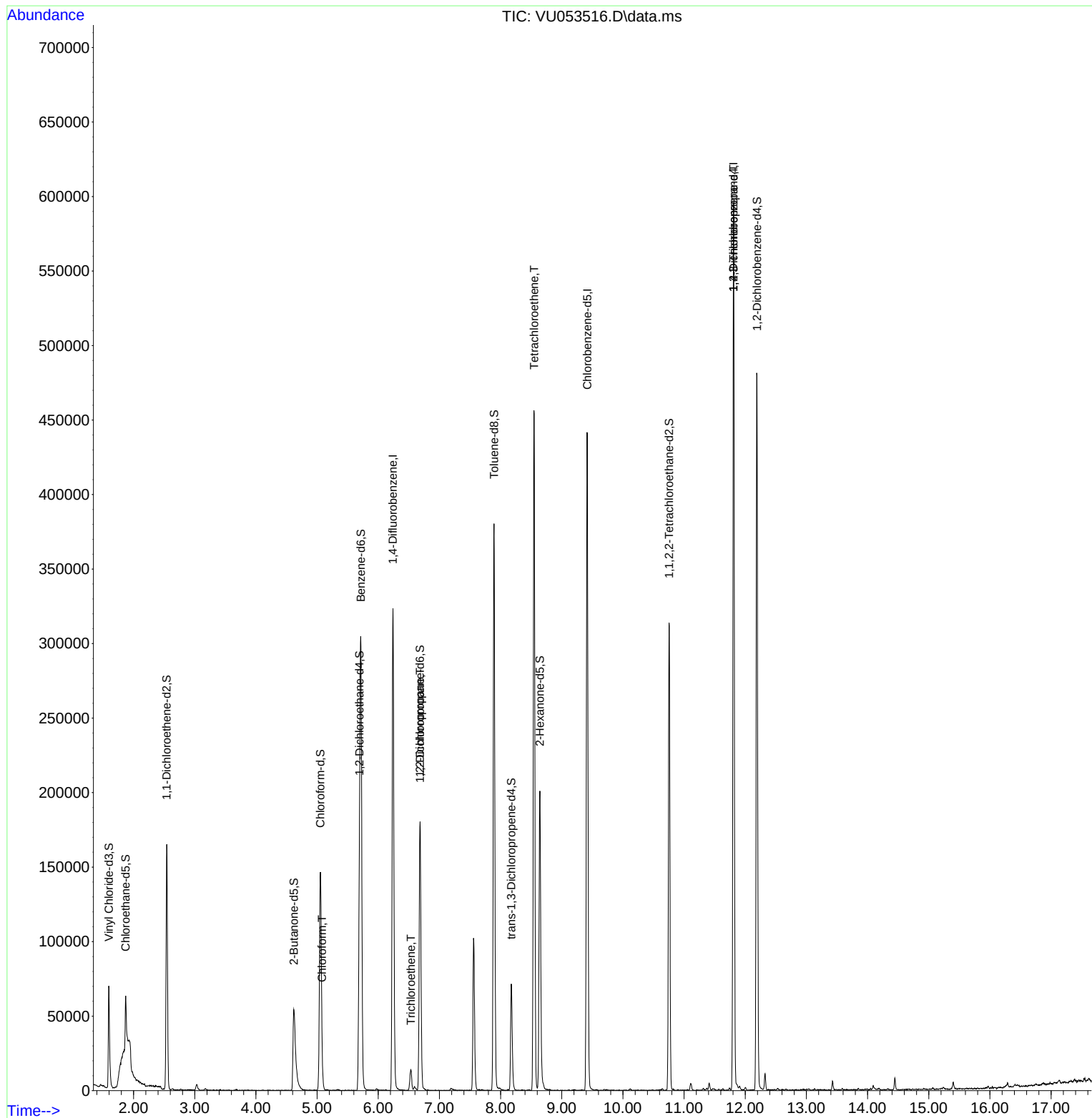
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	286061	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	274744	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	158862	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	63453	28.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.980%#
7) Chloroethane-d5	1.871	69	27312	15.903	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	31.800%#
11) 1,1-Dichloroethene-d2	2.543	63	92418	26.803	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.600%#
21) 2-Butanone-d5	4.620	46	98390	97.562	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.560%
24) Chloroform-d	5.054	84	134046	36.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.780%
26) 1,2-Dichloroethane-d4	5.694	65	91912	42.224	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.440%
32) Benzene-d6	5.716	84	285953	38.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.120%
36) 1,2-Dichloropropane-d6	6.684	67	90726	40.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.040%
41) Toluene-d8	7.893	98	270892	36.751	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.500%#
43) trans-1,3-Dichloroprop...	8.176	79	45311	38.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.440%
47) 2-Hexanone-d5	8.642	63	83620	108.090	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.090%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	153048	47.904	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	131233	39.575	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.160%#
Target Compounds						
25) Chloroform	5.080	83	7306	2.180	ug/L	99
34) Trichloroethene	6.533	95	3826	1.767	ug/L	83
37) 1,2-Dichloropropane	6.681	63	10074	5.542	ug/L #	86
46) Tetrachloroethene	8.549	164	101254	56.358	ug/L	96
60) 1,2,3-Trichloropropane	11.809	75	18179	7.892	ug/L #	65

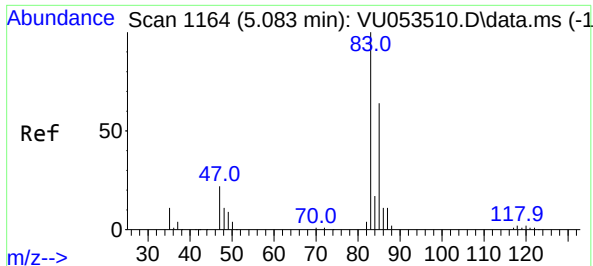
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 2.180 ug/L

RT: 5.080 min Scan# 1164

Delta R.T. -0.003 min

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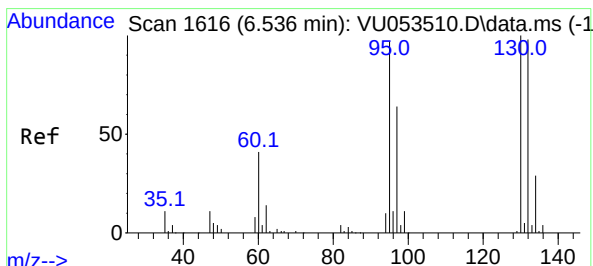
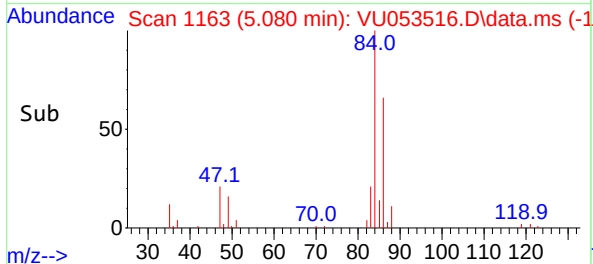
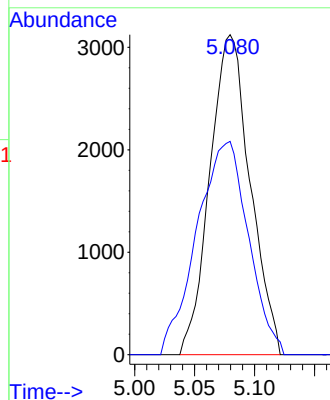
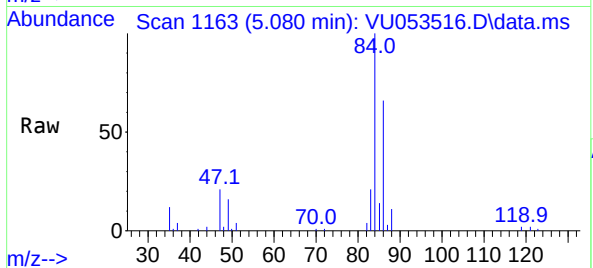
C1198ME

Tgt Ion: 83 Resp: 7306

Ion Ratio Lower Upper

83 100

85 66.6 46.1 85.5



#34

Trichloroethene

Concen: 1.767 ug/L

RT: 6.533 min Scan# 1615

Delta R.T. -0.003 min

Lab File: VU053516.D

Acq: 03 Apr 2023 13:41

Tgt Ion: 95 Resp: 3826

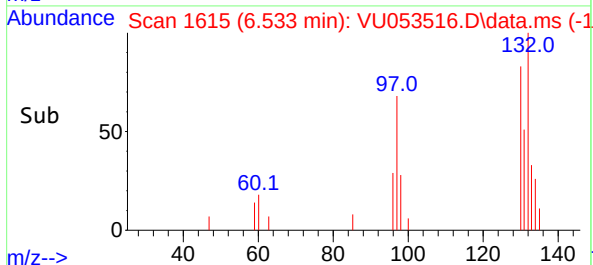
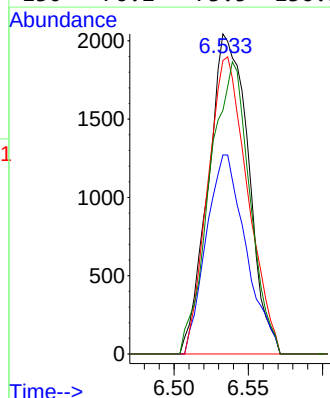
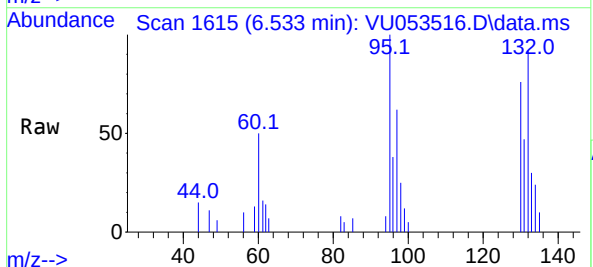
Ion Ratio Lower Upper

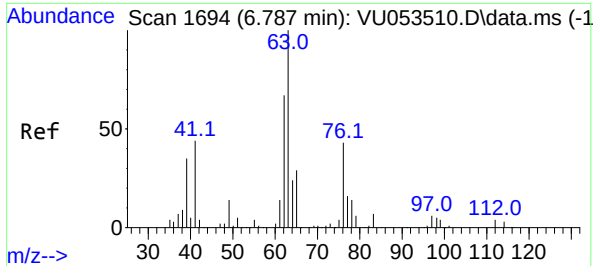
95 100

97 62.2 45.1 83.7

132 91.7 74.1 137.5

130 76.2 73.5 136.5

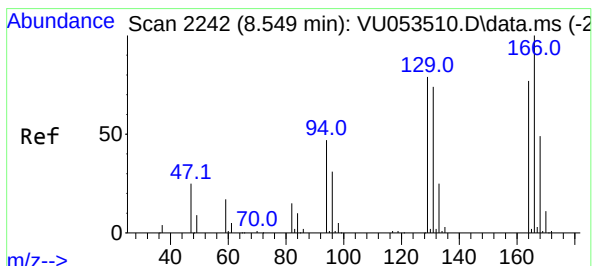
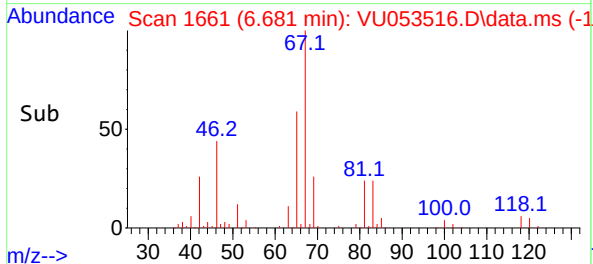
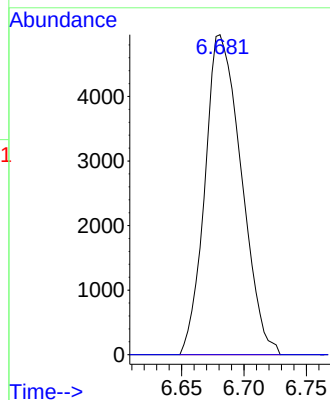
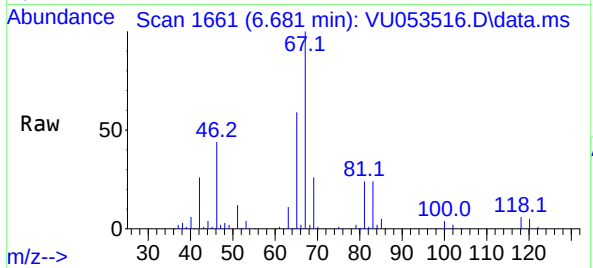




#37
1,2-Dichloropropane
Concen: 5.542 ug/L
RT: 6.681 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053516.D
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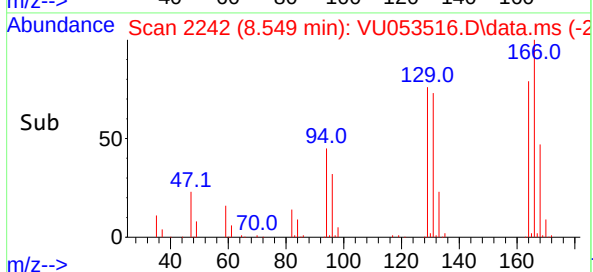
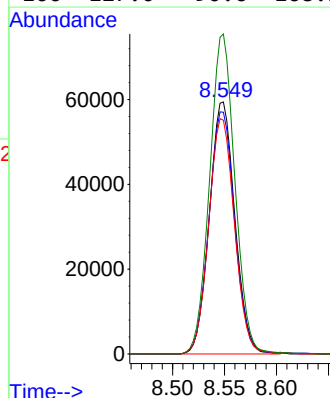
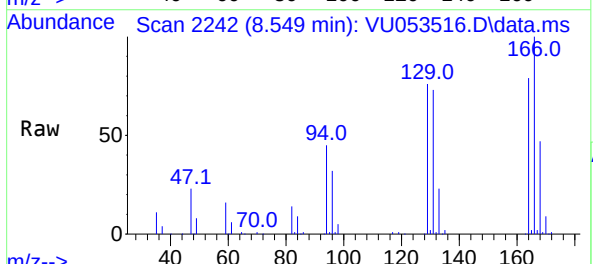
Instrument :
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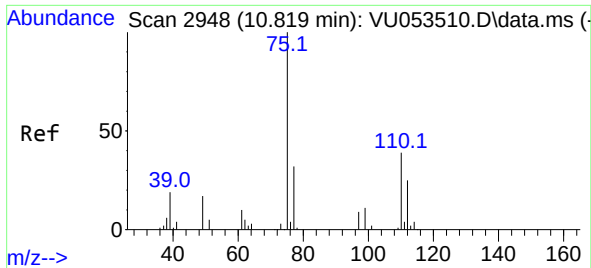
Tgt Ion: 63 Resp: 10074
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#46
Tetrachloroethene
Concen: 56.358 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053516.D
Acq: 03 Apr 2023 13:41

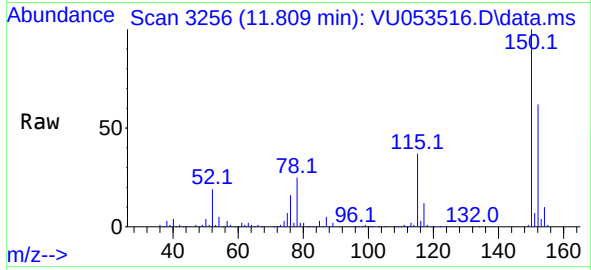
Tgt Ion:164 Resp: 101254
Ion Ratio Lower Upper
164 100
129 95.9 64.0 119.0
131 92.8 61.9 115.1
166 127.0 90.6 168.2





#60
 1,2,3-Trichloropropane
 Concen: 7.892 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU053516.D
 Acq: 03 Apr 2023 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C1198ME



Tgt Ion: 75 Resp: 18179

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.0	39.0
110	2.8	32.6	48.8#

