

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050538.D
 Acq On : 31 Aug 2022 00:26
 Operator : SY/MD
 Sample : N4363-14ME
 Misc : 6.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVW8ME

Quant Time: Aug 31 02:01:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:47:14 2022
 Response via : Initial Calibration

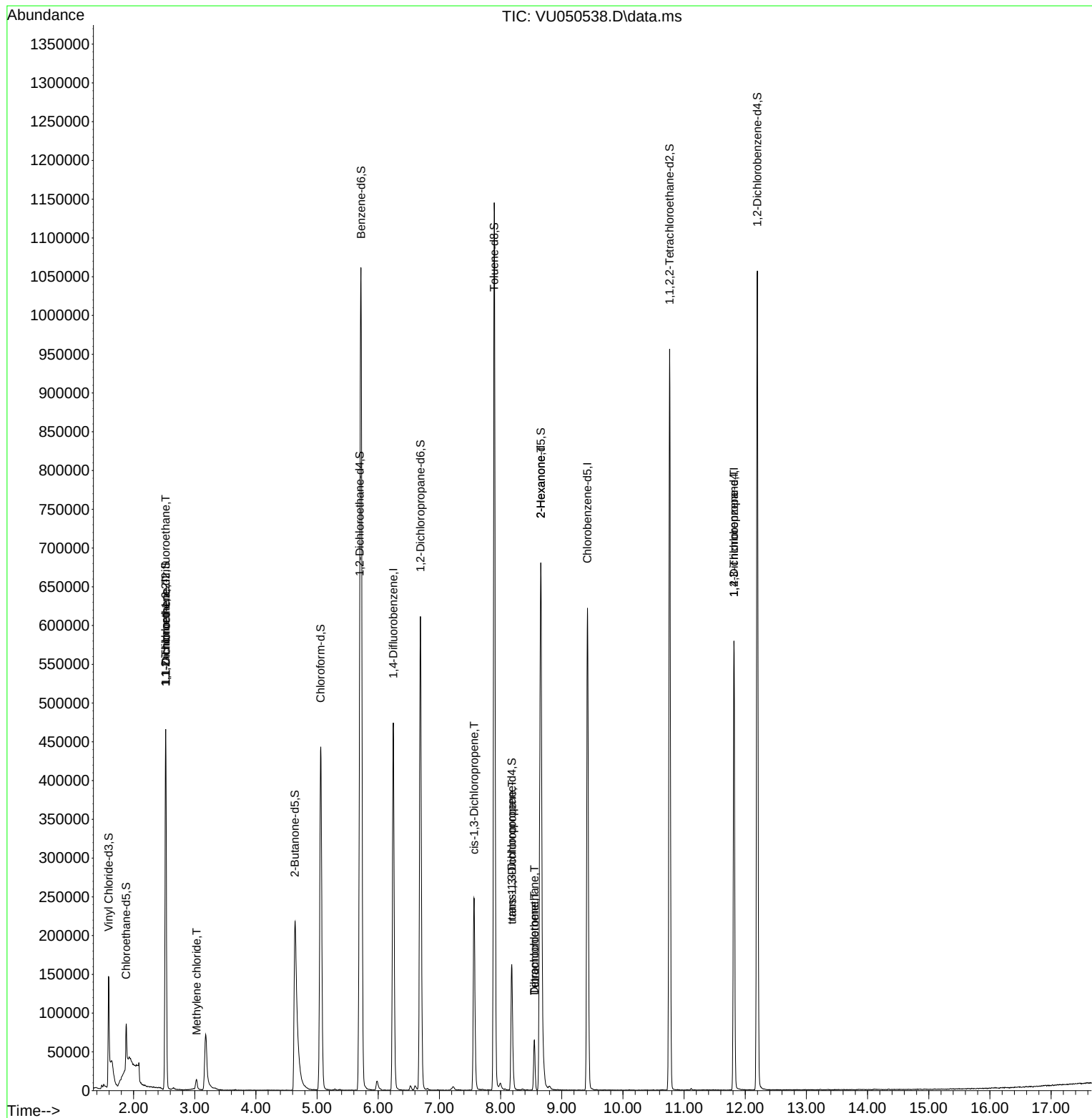
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	401204	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	393698	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	151318	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	130312	42.349	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.700%	
7) Chloroethane-d5	1.880	69	45888	19.128	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	38.260%#	
11) 1,1-Dichloroethene-d2	2.523	63	276828	53.284	ug/L	-0.04
Spiked Amount	50.000	Range 60 - 125	Recovery	=	106.560%	
21) 2-Butanone-d5	4.639	46	441736	164.145	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	164.140%#	
24) Chloroform-d	5.060	84	437469	73.066	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	146.140%#	
26) 1,2-Dichloroethane-d4	5.697	65	295969	76.101	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	152.200%#	
32) Benzene-d6	5.719	84	931628	76.348	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	152.700%#	
36) 1,2-Dichloropropane-d6	6.690	67	320248	78.822	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	157.640%#	
41) Toluene-d8	7.896	98	808039	76.118	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	152.240%#	
43) trans-1,3-Dichloroprop...	8.182	79	105165	64.360	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	128.720%#	
47) 2-Hexanone-d5	8.658	63	293997	199.850	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	199.850%#	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	492532	77.720	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	155.440%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	274904	83.910	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	167.820%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	2517	0.951	ug/L #	20
12) 1,1-Dichloroethene	2.527	96	2282	0.825	ug/L #	1
16) Methylene chloride	3.031	84	7348	1.635	ug/L	96
39) cis-1,3-Dichloropropene	7.568	75	5905	1.145	ug/L #	67
44) trans-1,3-Dichloropropene	8.185	75	4371	0.930	ug/L	84
46) Tetrachloroethene	8.552	164	14133	6.156	ug/L	92
48) 2-Hexanone	8.658	43	39635	8.180	ug/L #	84
49) Dibromochloromethane	8.552	129	14864	4.504	ug/L #	10
60) 1,2,3-Trichloropropane	11.816	75	18835	4.147	ug/L #	67

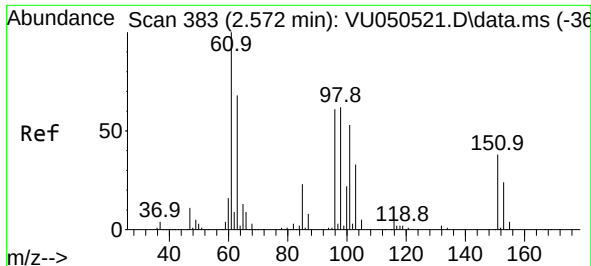
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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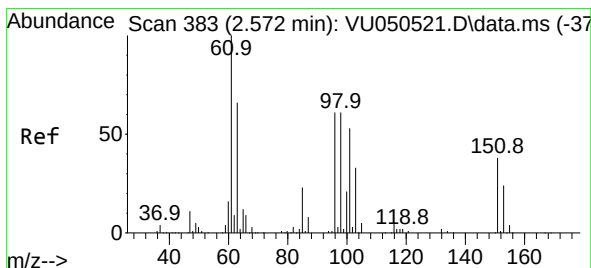
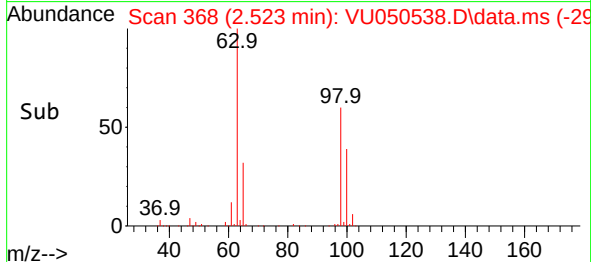
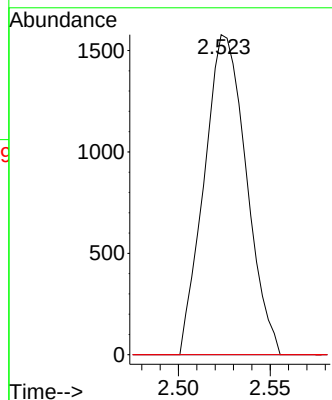
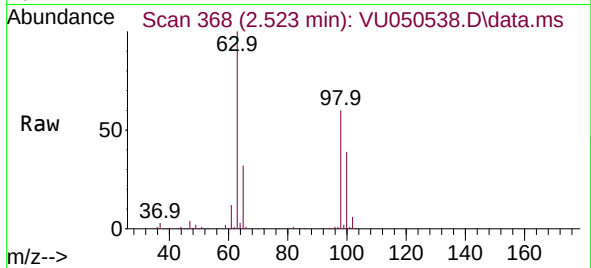




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.951 ug/L
RT: 2.523 min Scan# 30
Delta R.T. -0.048 min
Lab File: VU050538.D
Acq: 31 Aug 2022 00:26

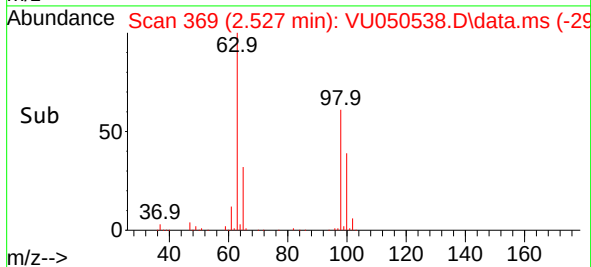
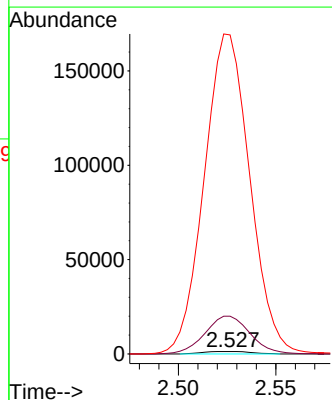
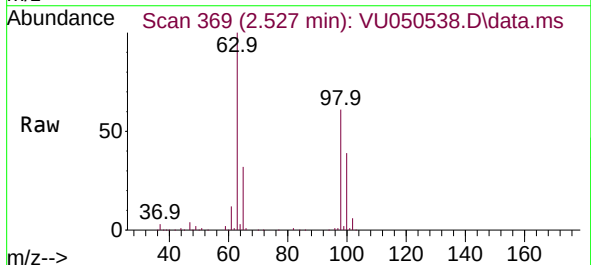
Instrument :
MSVOA_U
ClientSampleId :
DBVW8ME

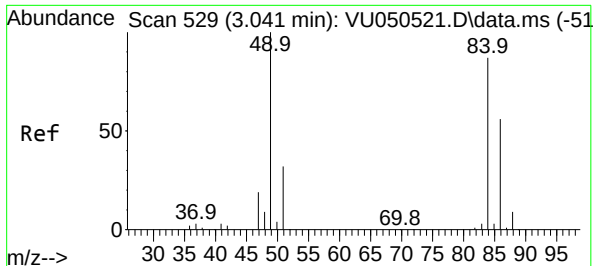
Tgt Ion:101 Resp: 2517
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.2 87.2#



#12
1,1-Dichloroethene
Concen: 0.825 ug/L
RT: 2.527 min Scan# 369
Delta R.T. -0.045 min
Lab File: VU050538.D
Acq: 31 Aug 2022 00:26

Tgt Ion: 96 Resp: 2282
Ion Ratio Lower Upper
96 100
61 1521.5 113.5 210.9#
63 12858.4 78.0 144.9#

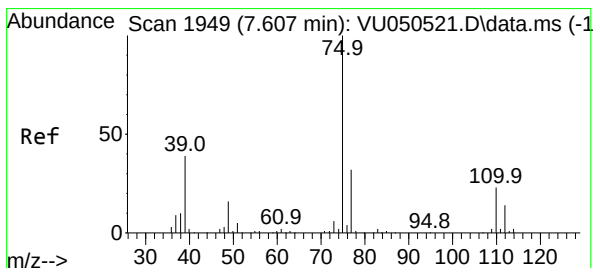
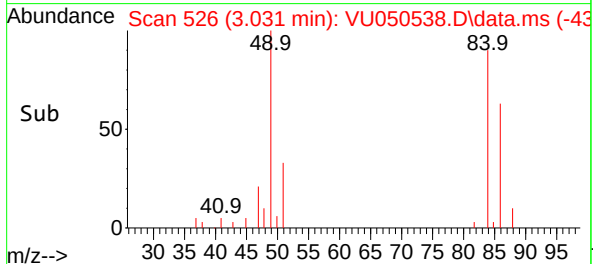
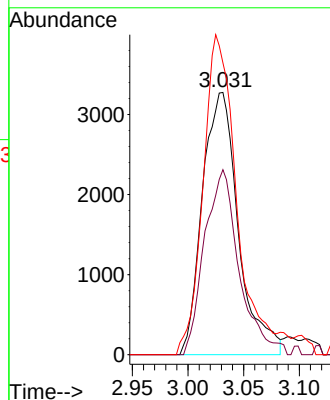
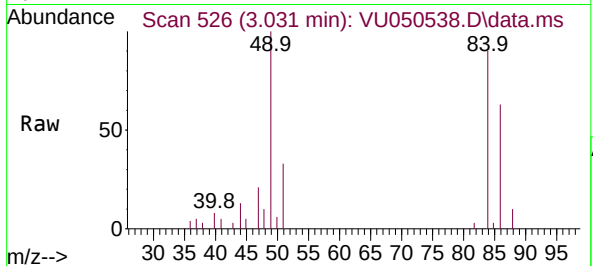




#16
Methylene chloride
Concen: 1.635 ug/L
RT: 3.031 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU050538.D
Acq: 31 Aug 2022 00:26

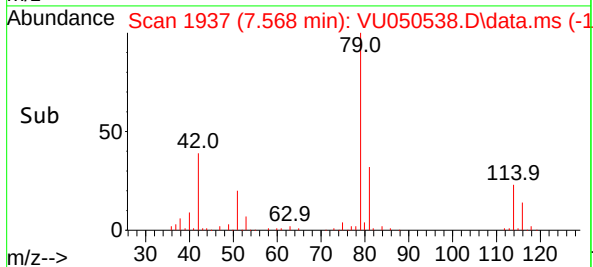
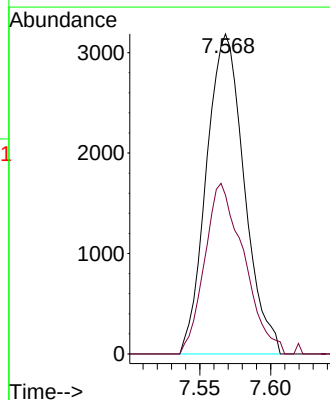
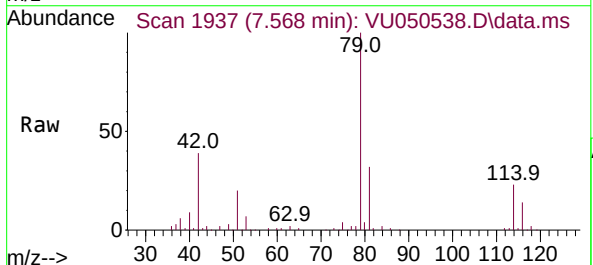
Instrument :
MSVOA_U
ClientSampleId :
DBVW8ME

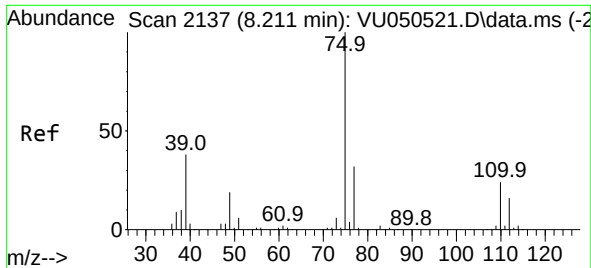
Tgt Ion: 84 Resp: 7348
Ion Ratio Lower Upper
84 100
86 70.5 44.3 82.3
49 111.3 78.8 146.3



#39
cis-1,3-Dichloropropene
Concen: 1.145 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.039 min
Lab File: VU050538.D
Acq: 31 Aug 2022 00:26

Tgt Ion: 75 Resp: 5905
Ion Ratio Lower Upper
75 100
77 49.7 22.1 41.1#

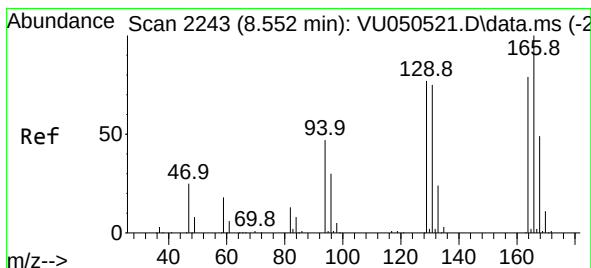
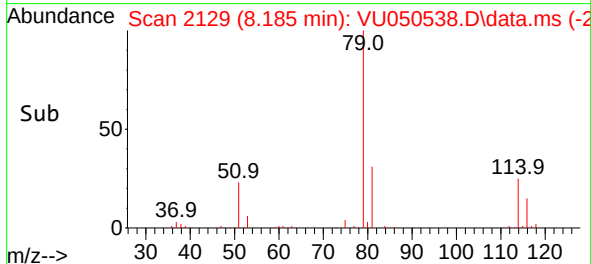
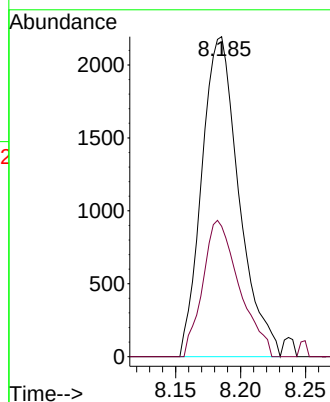
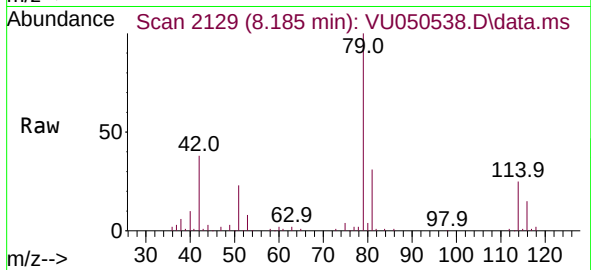




#44
trans-1,3-Dichloropropene
Concen: 0.930 ug/L
RT: 8.185 min Scan# 2137
Delta R.T. -0.026 min
Lab File: VU050538.D
Acq: 31 Aug 2022 00:26

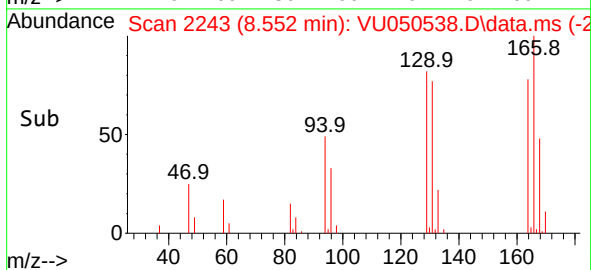
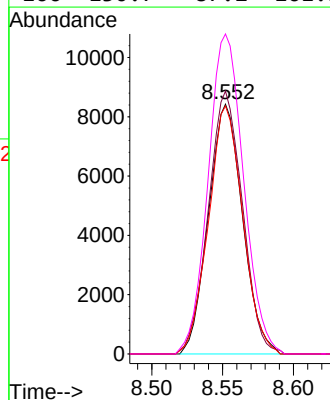
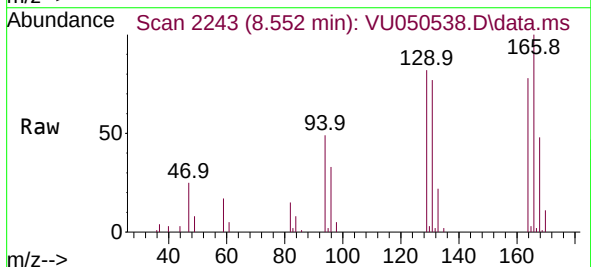
Instrument :
MSVOA_U
ClientSampleId :
DBVW8ME

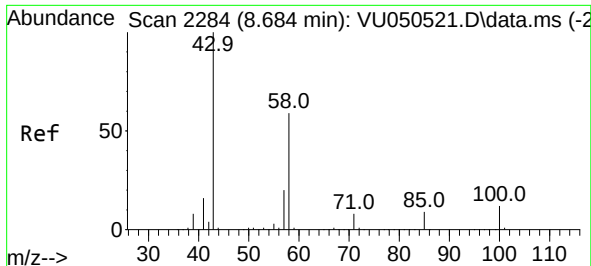
Tgt Ion: 75 Resp: 4371
Ion Ratio Lower Upper
75 100
77 40.7 22.2 41.2



#46
Tetrachloroethene
Concen: 6.156 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050538.D
Acq: 31 Aug 2022 00:26

Tgt Ion: 164 Resp: 14133
Ion Ratio Lower Upper
164 100
129 105.3 67.5 125.3
131 99.3 63.8 118.4
166 130.7 87.2 161.9

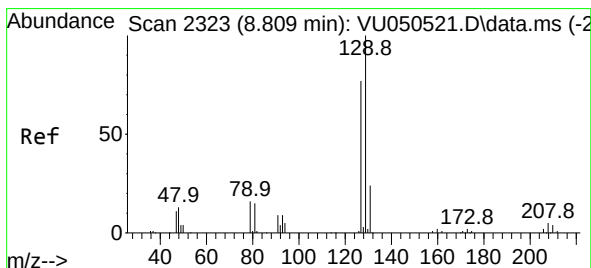
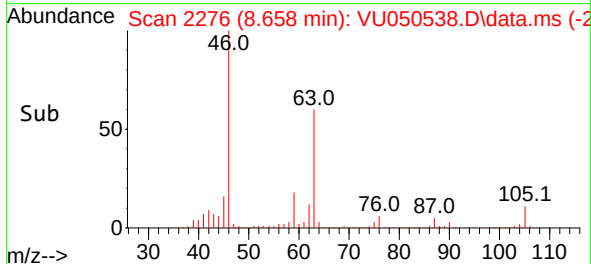
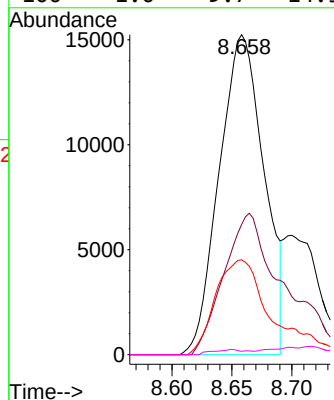
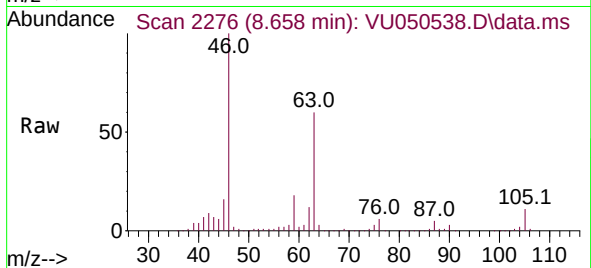




#48
2-Hexanone
Concen: 8.180 ug/L
RT: 8.658 min Scan# 21
Delta R.T. -0.026 min
Lab File: VU050538.D
Acq: 31 Aug 2022 00:26

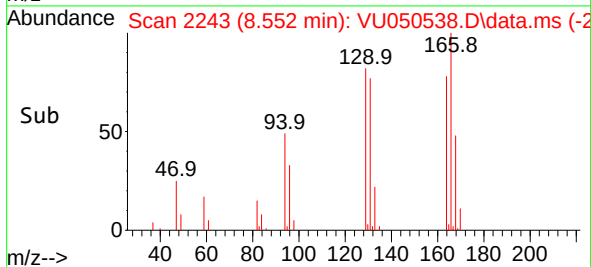
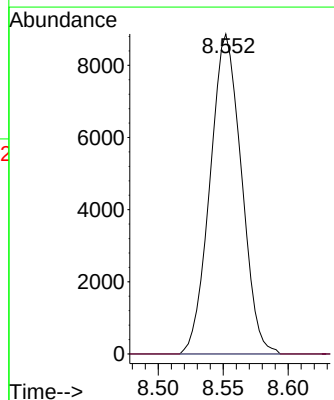
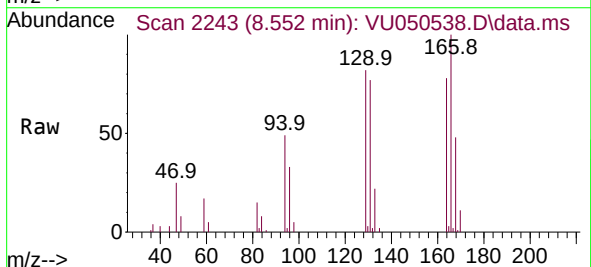
Instrument :
MSVOA_U
ClientSampleId :
DBVW8ME

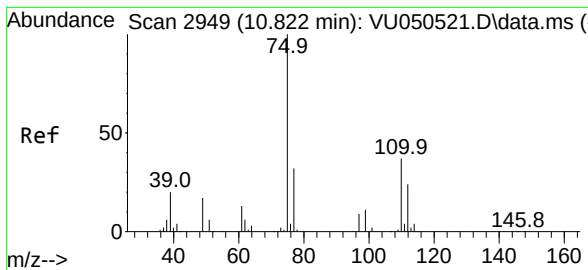
Tgt Ion: 43	Resp: 39635
Ion Ratio	Lower Upper
43 100	
58 51.1	46.6 69.8
57 32.0	15.8 23.6#
100 1.0	9.7 14.5#



#49
Dibromochloromethane
Concen: 4.504 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU050538.D
Acq: 31 Aug 2022 00:26

Tgt Ion:129	Resp:	14864	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	101.9#





#60
 1,2,3-Trichloropropane
 Concen: 4.147 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU050538.D
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Tgt Ion: 75	Resp:	18835
Ion Ratio	Lower	Upper
75	100	
77	30.3	26.2 39.4
110	1.2	29.0 43.6#

