

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053524.D
 Acq On : 03 Apr 2023 16:50
 Operator : JC/MD
 Sample : 02158-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB(20230330)

Quant Time: Apr 04 05:18:38 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)

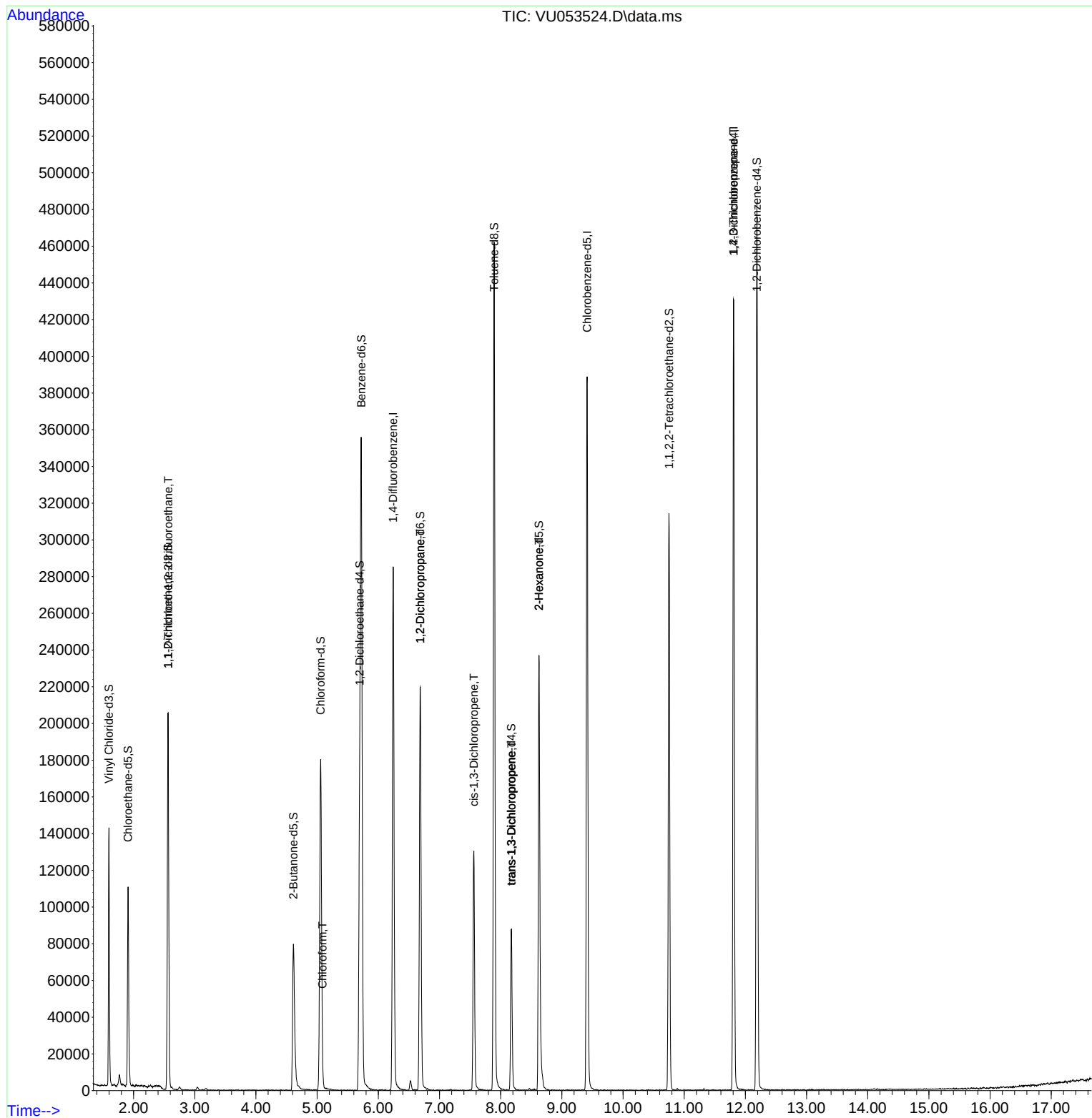
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	245273	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227706	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	96892	50.733	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 101.460%		
7) Chloroethane-d5	1.909	69	81883	55.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 111.220%		
11) 1,1-Dichloroethene-d2	2.562	63	115618	39.108	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 78.220%		
21) 2-Butanone-d5	4.613	46	111177	128.574	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 128.570%		
24) Chloroform-d	5.057	84	164314	52.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 104.040%		
26) 1,2-Dichloroethane-d4	5.697	65	106682	57.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 114.320%		
32) Benzene-d6	5.722	84	344047	55.975	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 111.960%		
36) 1,2-Dichloropropane-d6	6.684	67	107867	57.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 114.840%		
41) Toluene-d8	7.893	98	320774	52.509	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 105.020%		
43) trans-1,3-Dichloroprop...	8.173	79	52182	53.809	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 107.620%		
47) 2-Hexanone-d5	8.626	63	86765	135.323	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 135.320%#		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	151792	57.326	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 114.660%		
66) 1,2-Dichlorobenzene-d4	12.188	152	129749	52.654	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 105.300%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1131	0.670	ug/L #	17
25) Chloroform	5.086	83	2261	0.787	ug/L	93
37) 1,2-Dichloropropane	6.684	63	11837	7.858	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	3163	1.285	ug/L #	63
44) trans-1,3-Dichloropropene	8.176	75	2277	0.978	ug/L	99
48) 2-Hexanone	8.626	43	9155	6.914	ug/L #	76
60) 1,2,3-Trichloropropane	11.806	75	13724	8.018	ug/L #	65

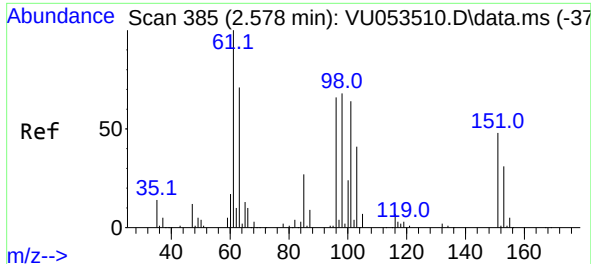
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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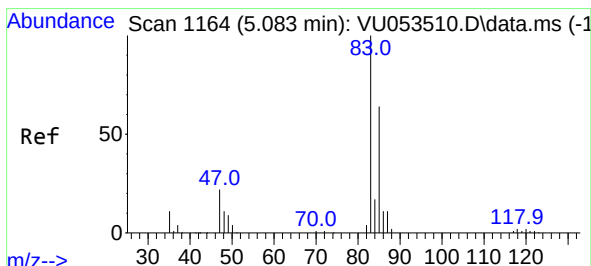
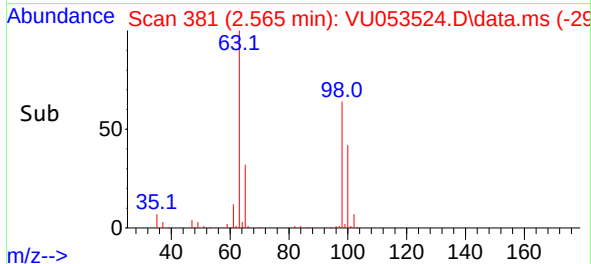
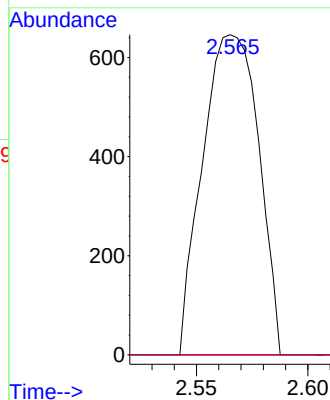
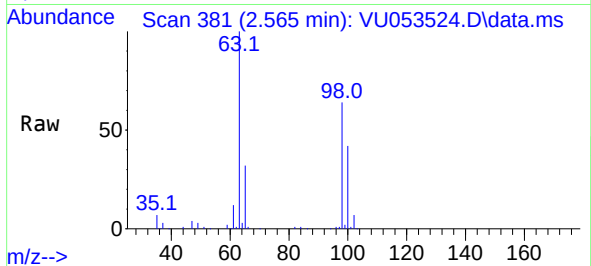




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.670 ug/L
RT: 2.565 min Scan# 311
Delta R.T. -0.013 min
Lab File: VU053524.D
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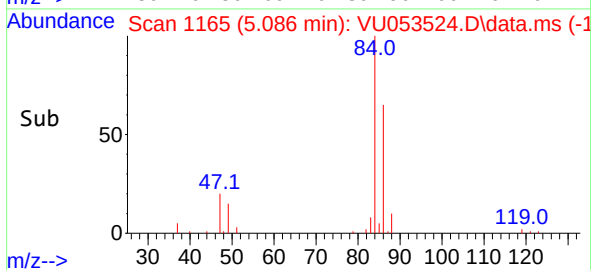
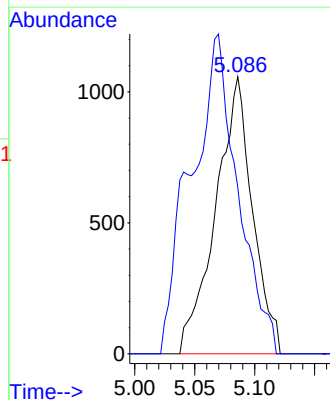
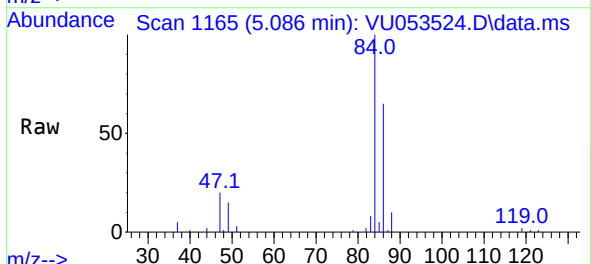
Instrument :
MSVOA_U
ClientSampleId :
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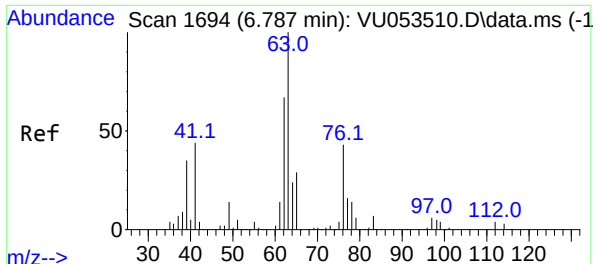
Tgt Ion:101 Resp: 1131
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#25
Chloroform
Concen: 0.787 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU053524.D
Acq: 03 Apr 2023 16:50

Tgt Ion: 83 Resp: 2261
Ion Ratio Lower Upper
83 100
85 60.0 46.1 85.5

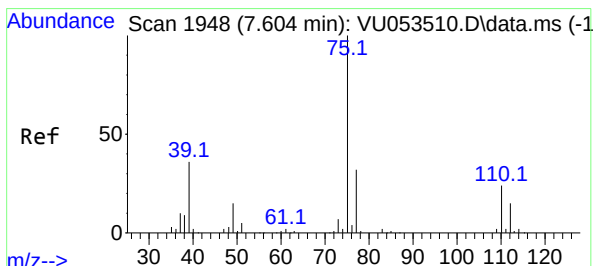
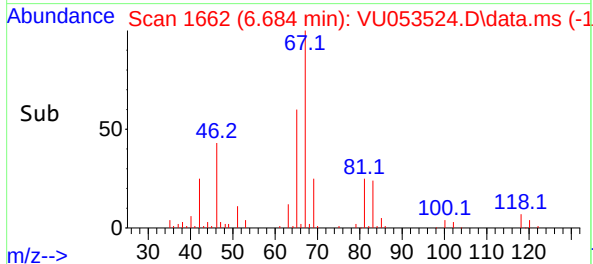
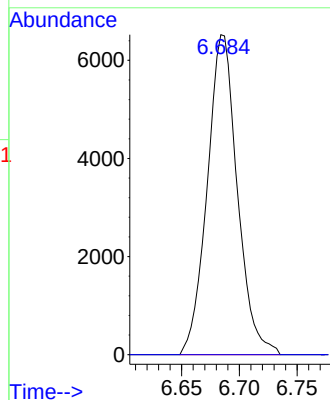
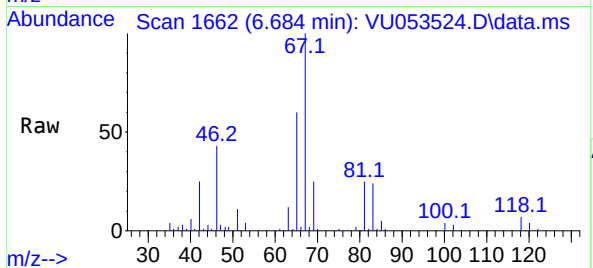




#37
1,2-Dichloropropane
Concen: 7.858 ug/L
RT: 6.684 min Scan# 11837
Delta R.T. -0.100 min
Lab File: VU053524.D
Acq: 03 Apr 2023 16:50

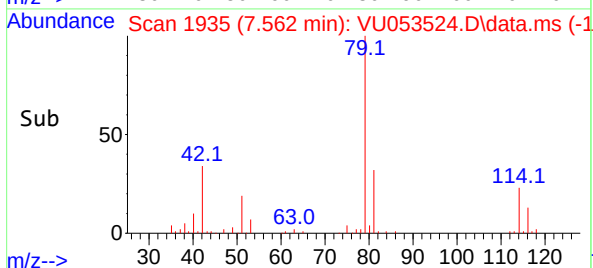
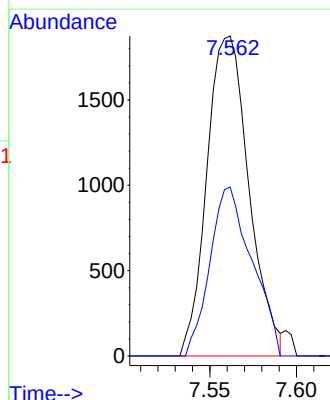
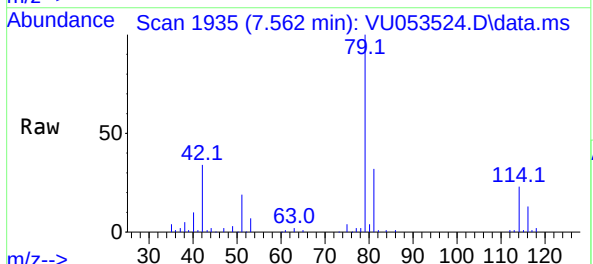
Instrument :
MSVOA_U
ClientSampleId :
FB(20230330)

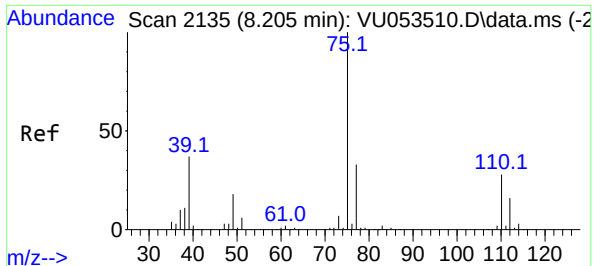
Tgt Ion: 63 Resp: 11837
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.285 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.039 min
Lab File: VU053524.D
Acq: 03 Apr 2023 16:50

Tgt Ion: 75 Resp: 3163
Ion Ratio Lower Upper
75 100
77 52.8 22.5 41.7#

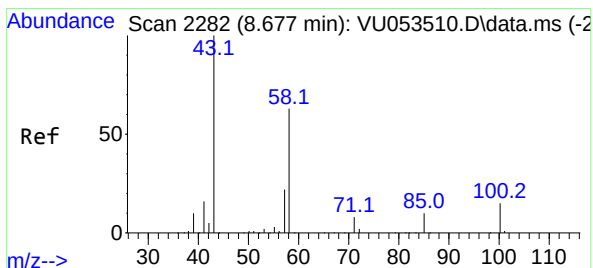
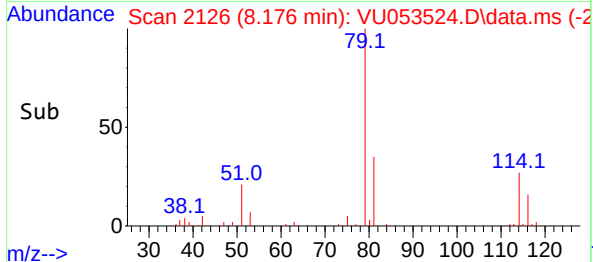
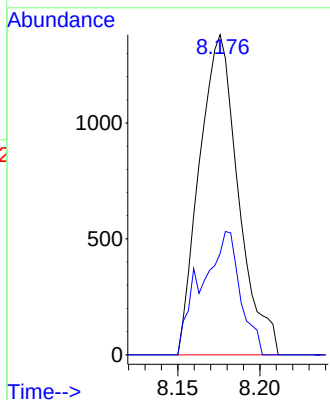
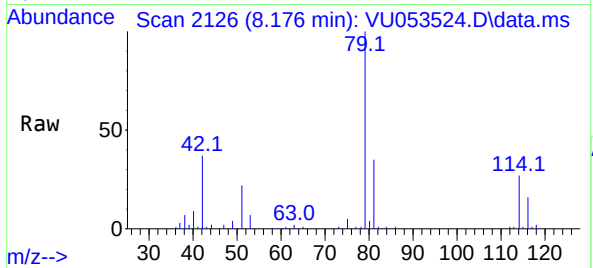




#44
trans-1,3-Dichloropropene
Concen: 0.978 ug/L
RT: 8.176 min Scan# 2126
Delta R.T. -0.029 min
Lab File: VU053524.D
Acq: 03 Apr 2023 16:50

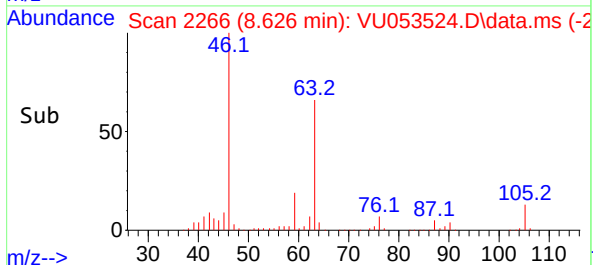
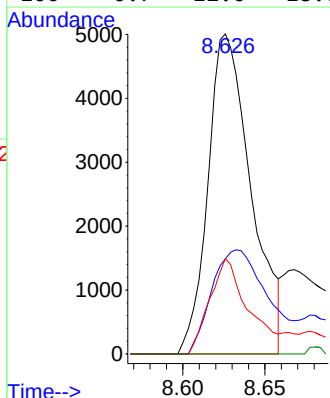
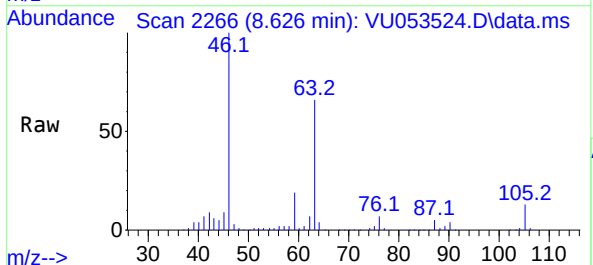
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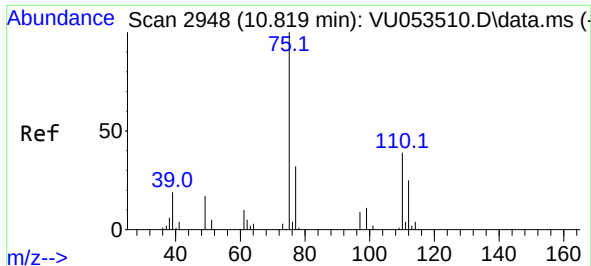
Tgt Ion: 75 Resp: 2277
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.4



#48
2-Hexanone
Concen: 6.914 ug/L
RT: 8.626 min Scan# 2266
Delta R.T. -0.051 min
Lab File: VU053524.D
Acq: 03 Apr 2023 16:50

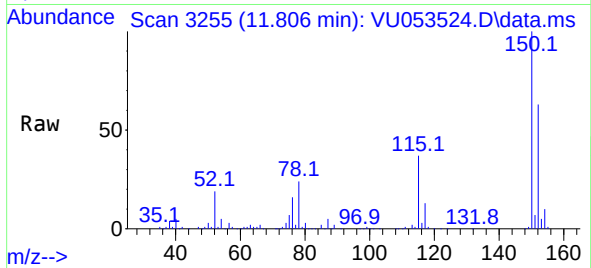
Tgt Ion: 43 Resp: 9155
Ion Ratio Lower Upper
43 100
58 42.2 49.8 74.6#
57 26.7 17.8 26.6#
100 0.7 12.0 18.0#





#60
 1,2,3-Trichloropropane
 Concen: 8.018 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053524.D
 Acq: 03 Apr 2023 16:50

Instrument :
 MSVOA_U
 ClientSampleId :
 FB(20230330)



Tgt Ion: 75	Resp: 13724
Ion Ratio	Lower Upper
75	100
77	31.1 26.0 39.0
110	2.7 32.6 48.8#

