

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051023\
 Data File : VU054143.D
 Acq On : 10 May 2023 14:26
 Operator : JC/MD
 Sample : 02694-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JREP7

Quant Time: May 11 05:12:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

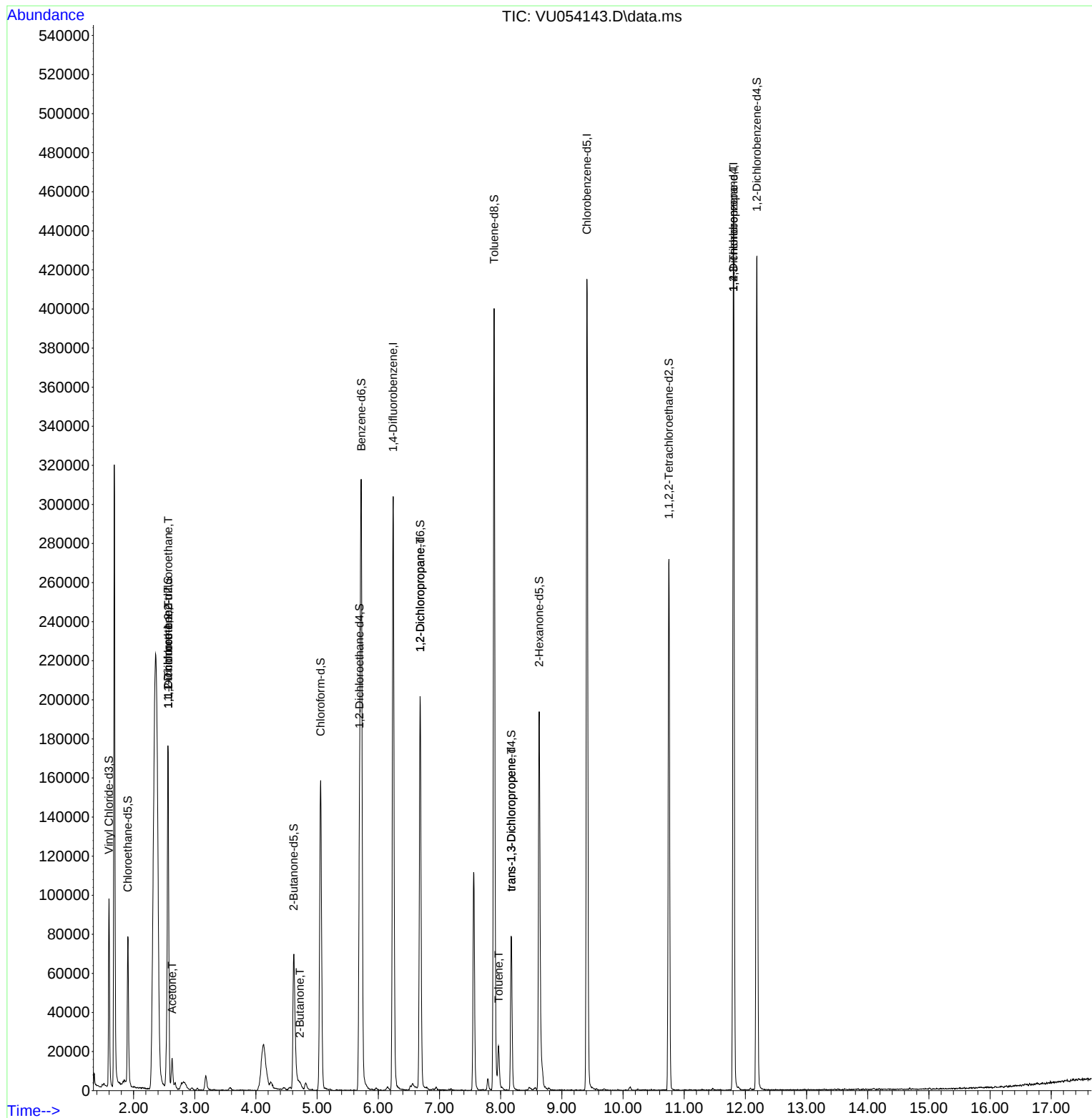
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	249738	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	238069	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	121724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74168	39.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.540%		
7) Chloroethane-d5	1.906	69	59655	48.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.240%		
11) 1,1-Dichloroethene-d2	2.562	63	102200	30.507	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.020%		
21) 2-Butanone-d5	4.617	46	103909	96.458	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.460%		
24) Chloroform-d	5.057	84	152583	43.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.960%		
26) 1,2-Dichloroethane-d4	5.694	65	100164	44.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.940%		
32) Benzene-d6	5.723	84	293104	41.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.660%		
36) 1,2-Dichloropropane-d6	6.684	67	97678	44.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.300%		
41) Toluene-d8	7.893	98	267973	42.356	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.720%		
43) trans-1,3-Dichloroprop...	8.173	79	47668	43.541	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.080%		
47) 2-Hexanone-d5	8.629	63	64721	81.681	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.680%		
56) 1,1,2,2-Tetrachloroeth...	10.748	84	136227	46.750	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.500%		
66) 1,2-Dichlorobenzene-d4	12.189	152	115091	48.400	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1099	0.657	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	962	0.664	ug/L #	1
13) Acetone	2.630	43	17516	16.566	ug/L	99
22) 2-Butanone	4.716	43	4538	3.635	ug/L	80
37) 1,2-Dichloropropane	6.684	63	10499	5.355	ug/L #	87
42) Toluene	7.967	91	14241	1.974	ug/L	100
44) trans-1,3-Dichloropropene	8.173	75	2310	0.793	ug/L	98
60) 1,2,3-Trichloropropane	11.806	75	13255	5.862	ug/L #	64

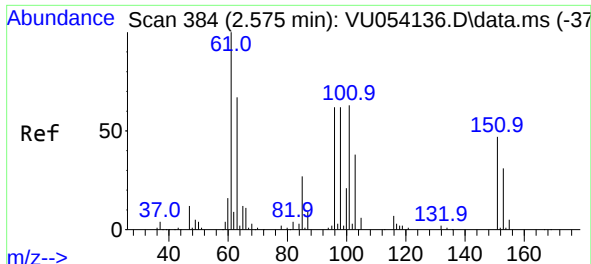
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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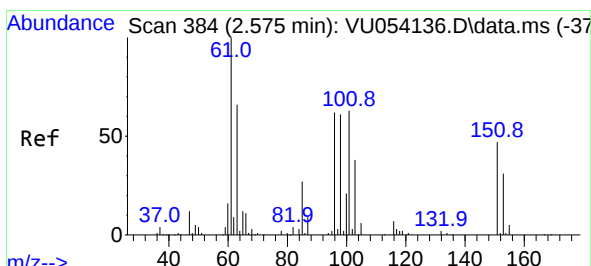
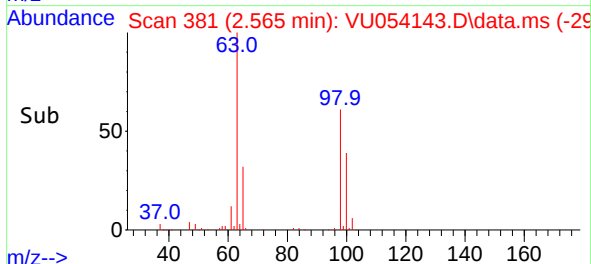
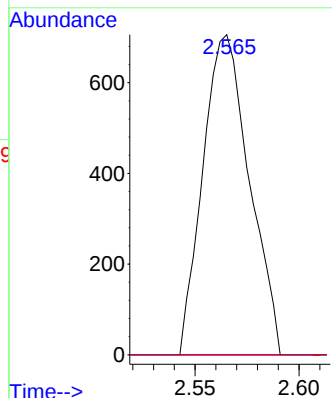
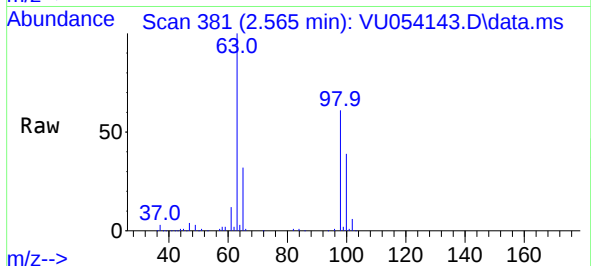




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.657 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054143.D
Acq: 10 May 2023 14:26

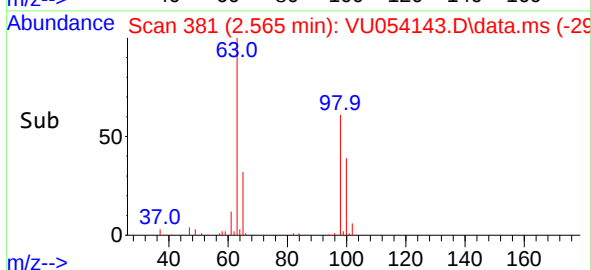
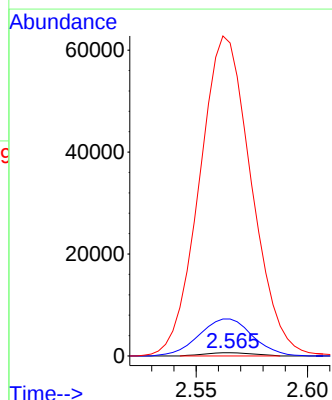
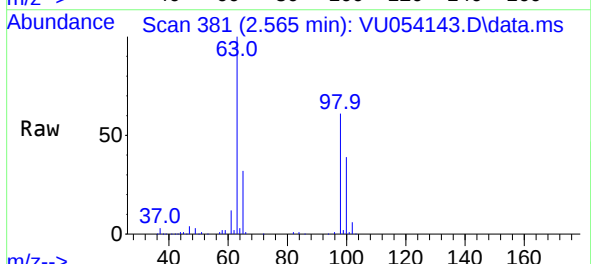
Instrument :
MSVOA_U
ClientSampleId :
JREP7

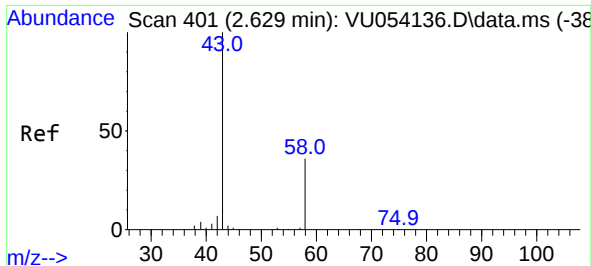
Tgt Ion:101 Resp: 1099
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.664 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054143.D
Acq: 10 May 2023 14:26

Tgt Ion: 96 Resp: 962
Ion Ratio Lower Upper
96 100
61 1178.6 118.3 219.7#
63 9966.2 92.3 171.5#





#13

Acetone

Concen: 16.566 ug/L

RT: 2.630 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU054143.D

Acq: 10 May 2023 14:26

Instrument :

MSVOA_U

ClientSampleId :

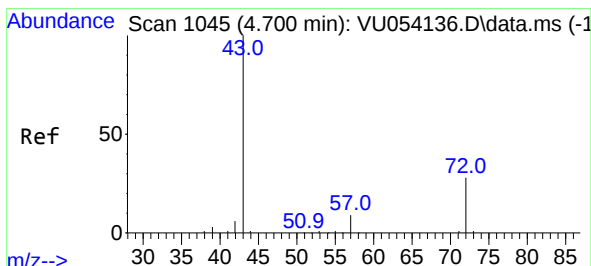
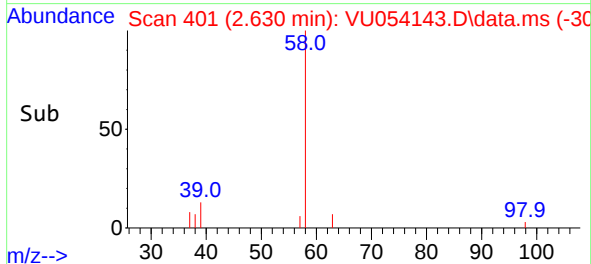
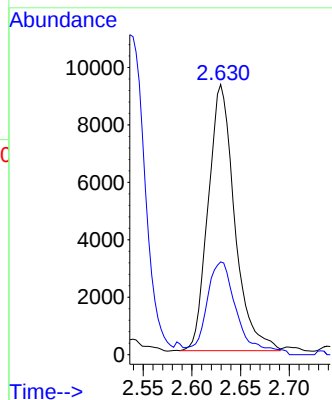
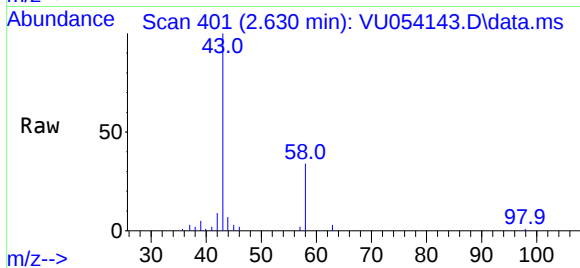
JREP7

Tgt Ion: 43 Resp: 17516

Ion Ratio Lower Upper

43 100

58 33.2 0.0 67.4



#22

2-Butanone

Concen: 3.635 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU054143.D

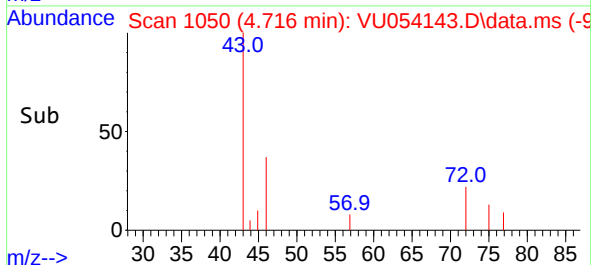
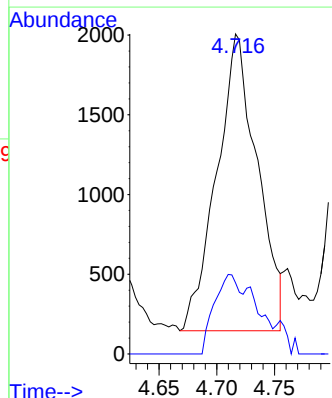
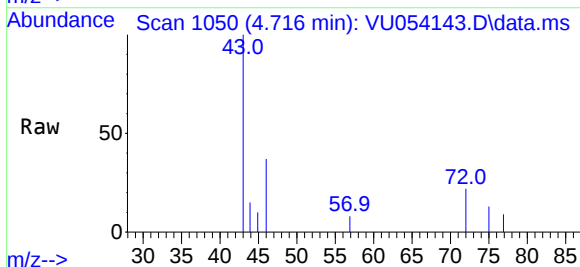
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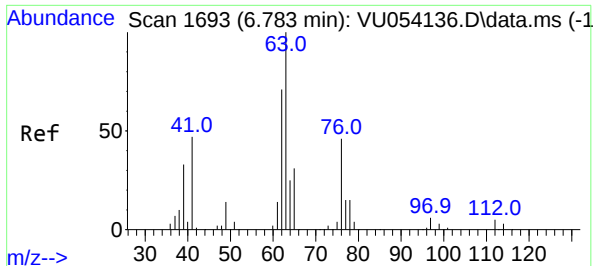
Tgt Ion: 43 Resp: 4538

Ion Ratio Lower Upper

43 100

72 17.5 14.0 41.9

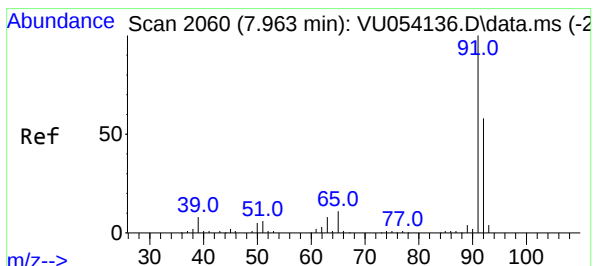
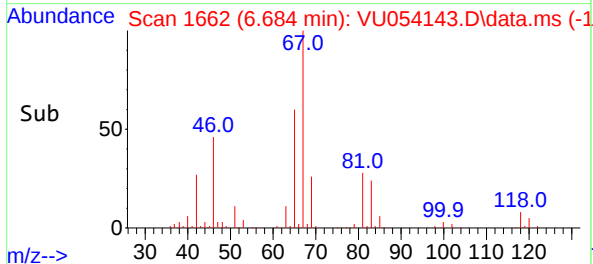
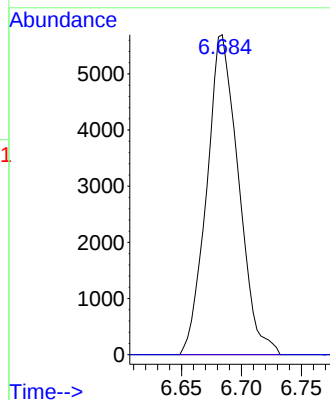
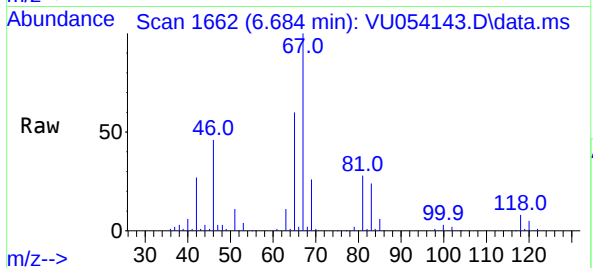




#37
1,2-Dichloropropane
Concen: 5.355 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054143.D
Acq: 10 May 2023 14:26

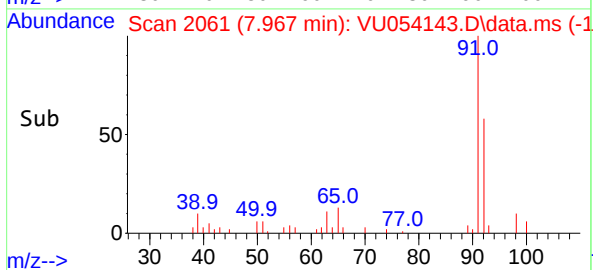
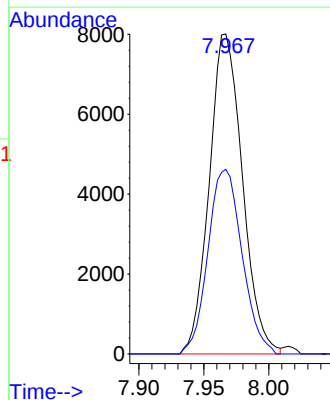
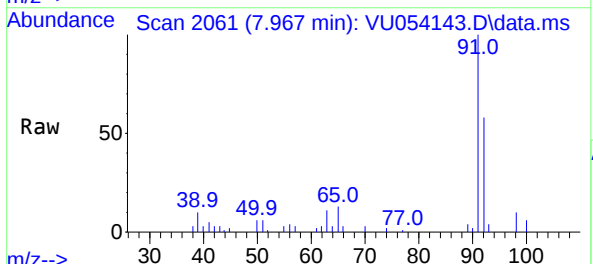
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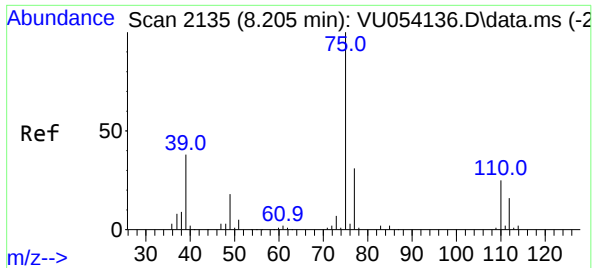
Tgt Ion: 63 Resp: 10499
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 1.974 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU054143.D
Acq: 10 May 2023 14:26

Tgt Ion: 91 Resp: 14241
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.3

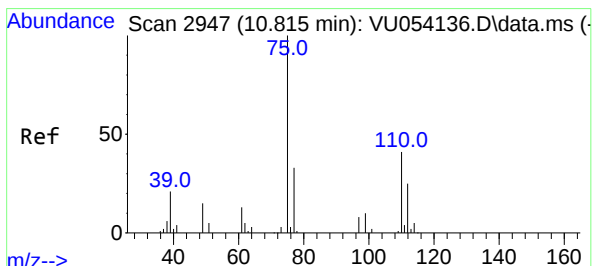
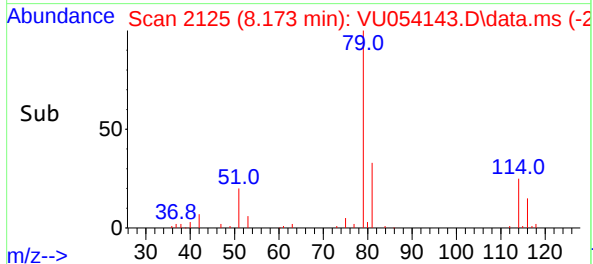
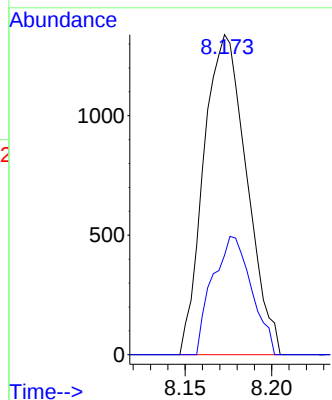
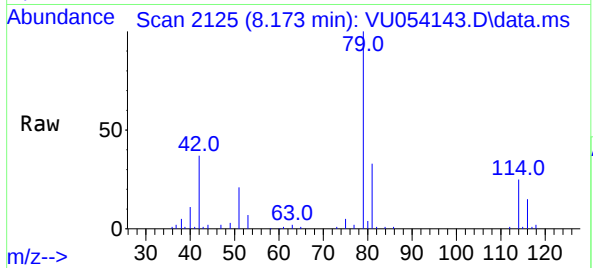




#44
trans-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 8.173 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU054143.D
Acq: 10 May 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :
JREP7

Tgt Ion: 75 Resp: 2310
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.7



#60
1,2,3-Trichloropropane
Concen: 5.862 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU054143.D
Acq: 10 May 2023 14:26

Tgt Ion: 75 Resp: 13255
Ion Ratio Lower Upper
75 100
77 35.5 26.0 39.0
110 2.8 31.8 47.8#

