

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050322\
 Data File : VU048394.D
 Acq On : 03 May 2022 16:42
 Operator : SY/MD
 Sample : N2668-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 04 01:40:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 04 01:37:47 2022
 Response via : Initial Calibration

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

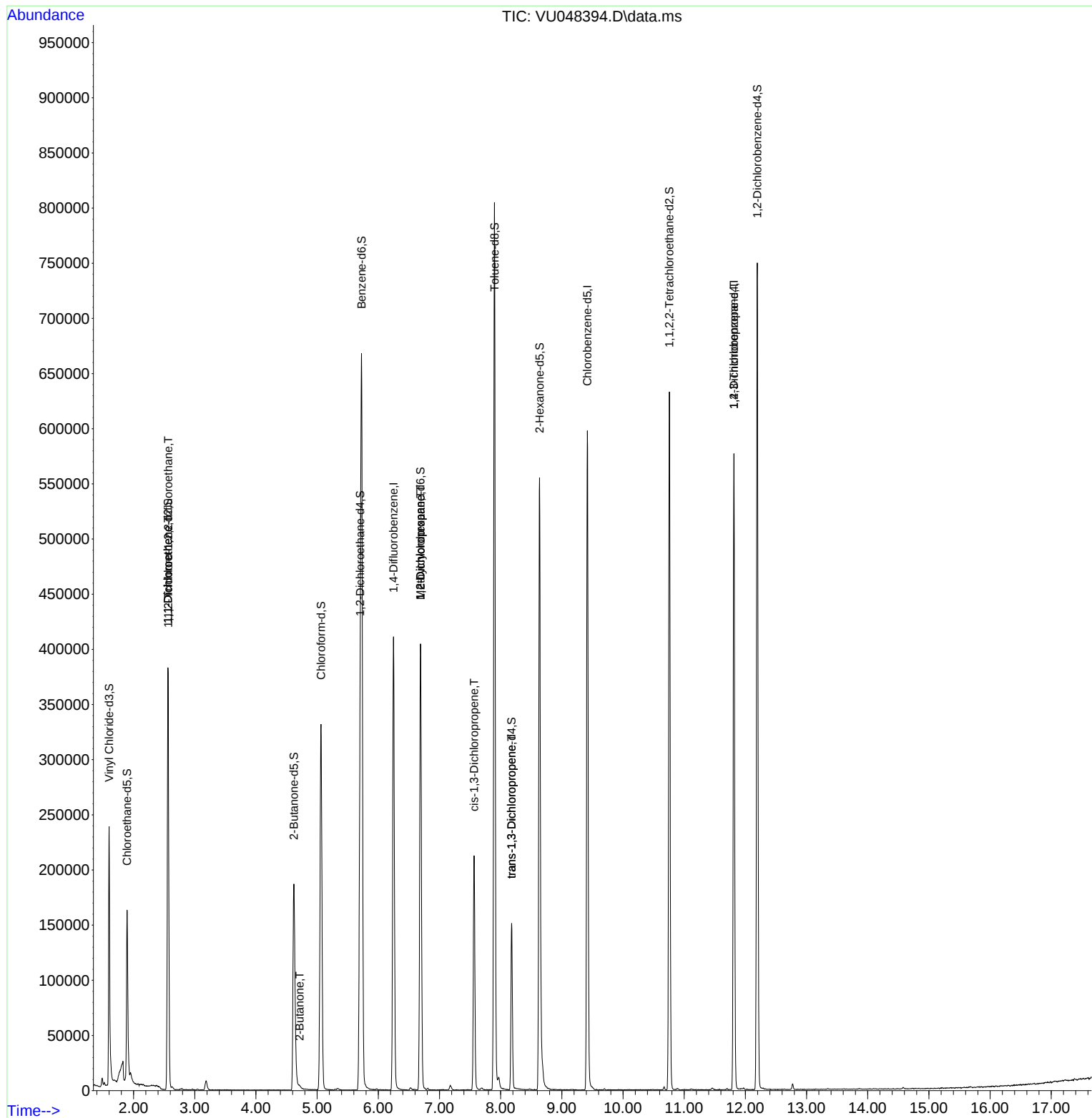
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	359727	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	359466	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	166398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	190907	57.712	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 115.420%		
7) Chloroethane-d5	1.893	69	136242	58.675	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 117.360%		
11) 1,1-Dichloroethene-d2	2.562	63	220099	41.526	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 83.060%		
21) 2-Butanone-d5	4.620	46	265305	94.034	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 94.030%		
24) Chloroform-d	5.063	84	298845	49.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 99.620%		
26) 1,2-Dichloroethane-d4	5.703	65	186891	52.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 105.000%		
32) Benzene-d6	5.726	84	644330	56.834	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 113.660%		
36) 1,2-Dichloropropane-d6	6.690	67	205756	54.897	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 109.800%		
41) Toluene-d8	7.899	98	559482	54.444	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 108.880%		
43) trans-1,3-Dichloroprop...	8.179	79	85032	51.414	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 102.820%		
47) 2-Hexanone-d5	8.636	63	191175	94.540	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 94.540%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	320257	48.720	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 97.440%		
66) 1,2-Dichlorobenzene-d4	12.195	152	215874	57.671	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 115.340%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2274	0.839	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1902	0.804	ug/L #	1
22) 2-Butanone	4.713	43	2947	1.100	ug/L	97
35) Methylcyclohexane	6.690	83	46595	12.722	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	20403	6.738	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	4748	1.115	ug/L #	62
44) trans-1,3-Dichloropropene	8.179	75	3419	0.822	ug/L	87
60) 1,2,3-Trichloropropane	11.812	75	16501	4.251	ug/L #	68

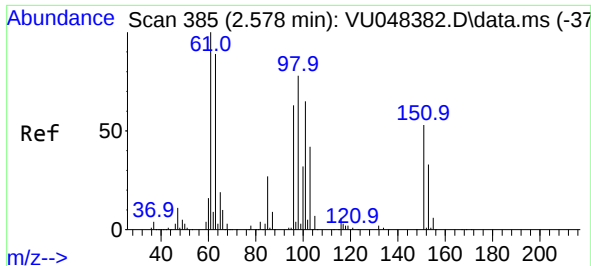
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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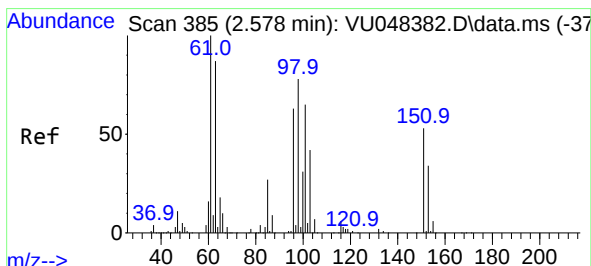
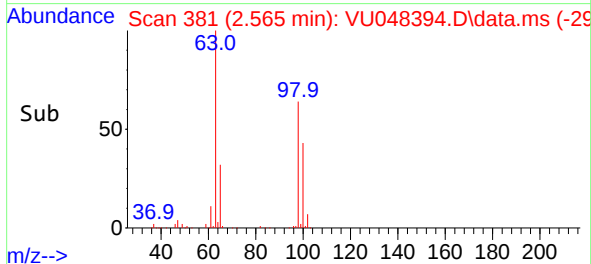
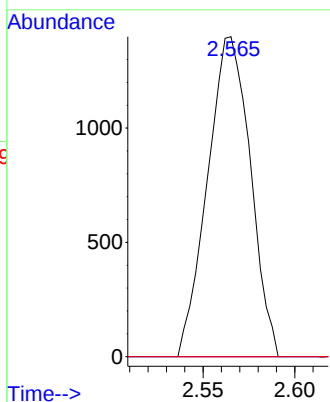
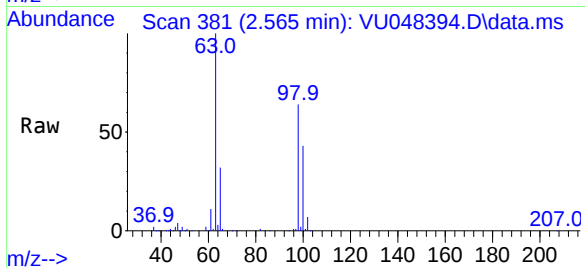




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.839 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU048394.D
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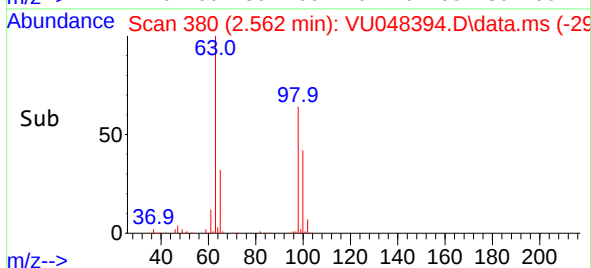
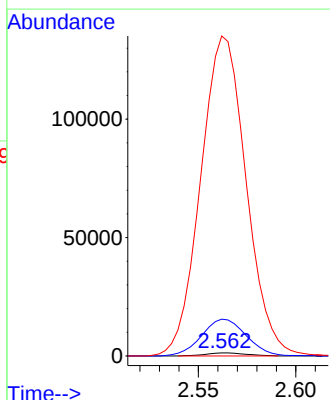
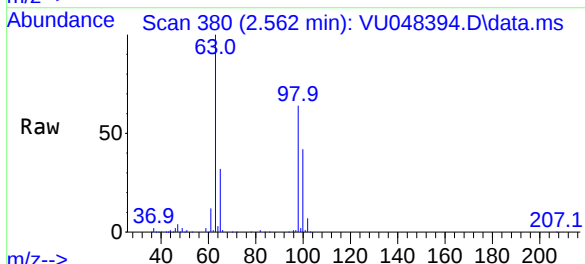
Instrument :
MSVOA_U
ClientSampleId :

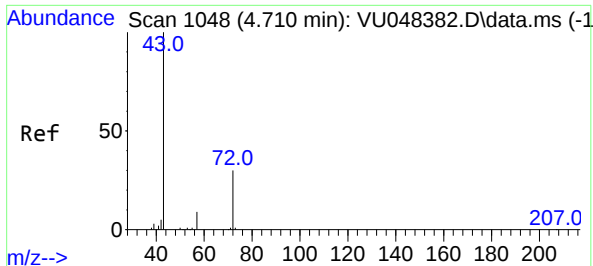
Tgt Ion:101 Resp: 2274
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#



#12
1,1-Dichloroethene
Concen: 0.804 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU048394.D
Acq: 03 May 2022 16:42

Tgt Ion: 96 Resp: 1902
Ion Ratio Lower Upper
96 100
61 1180.3 107.9 200.3#
63 10255.5 80.3 149.1#

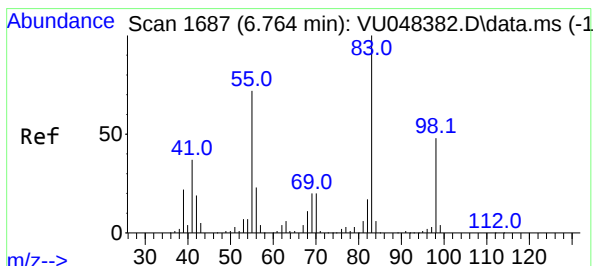
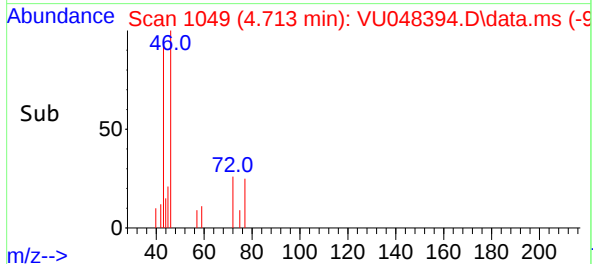
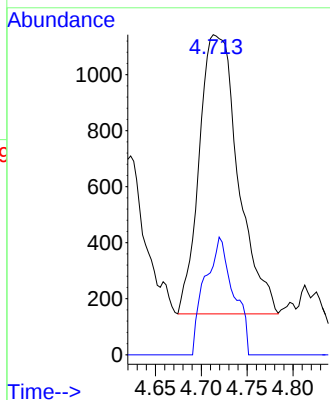
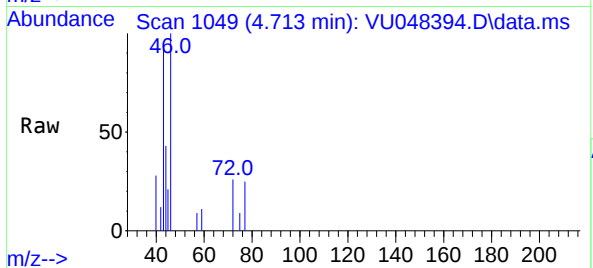




#22
2-Butanone
Concen: 1.100 ug/L
RT: 4.713 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU048394.D
Acq: 03 May 2022 16:42

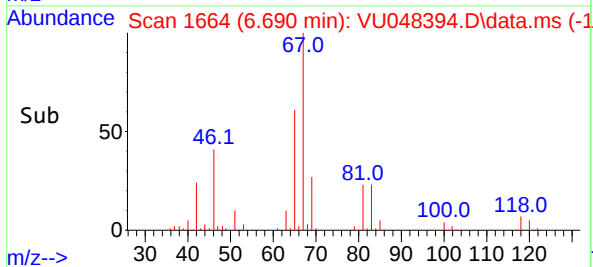
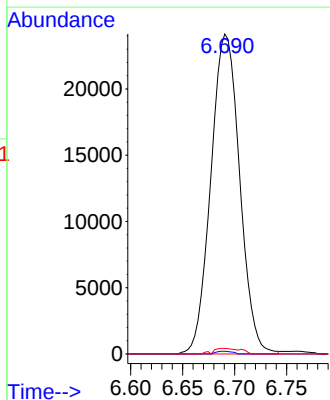
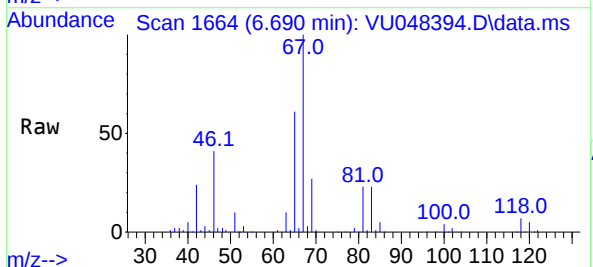
Instrument :
MSVOA_U
ClientSampleId :

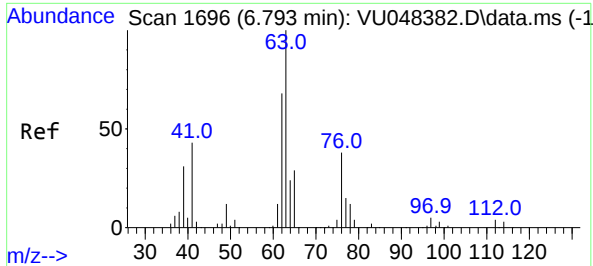
Tgt Ion: 43 Resp: 2947
Ion Ratio Lower Upper
43 100
72 30.7 14.6 43.8



#35
Methylcyclohexane
Concen: 12.722 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048394.D
Acq: 03 May 2022 16:42

Tgt Ion: 83 Resp: 46595
Ion Ratio Lower Upper
83 100
55 0.5 59.4 89.2#
98 1.2 37.3 55.9#

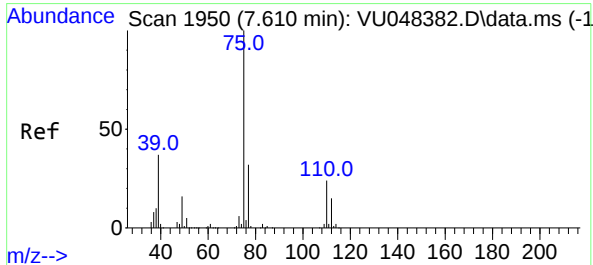
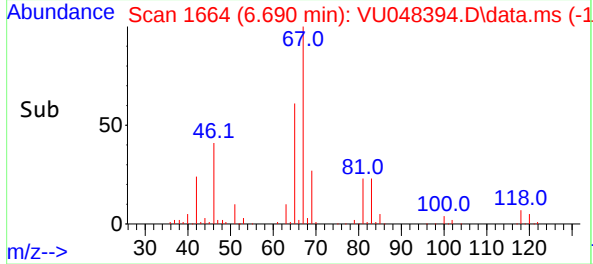
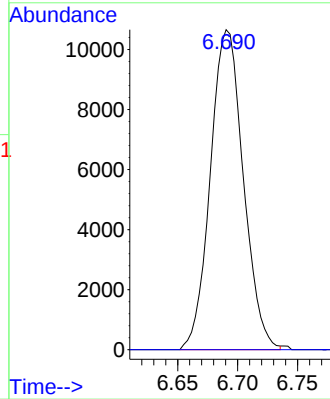
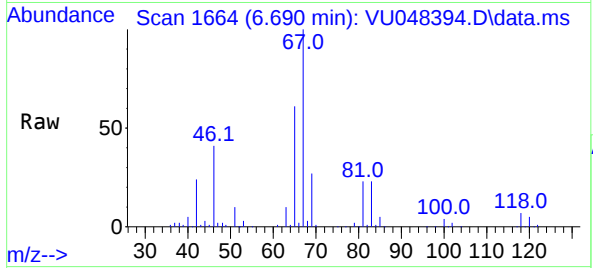




#37
1,2-Dichloropropane
Concen: 6.738 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU048394.D
Acq: 03 May 2022 16:42

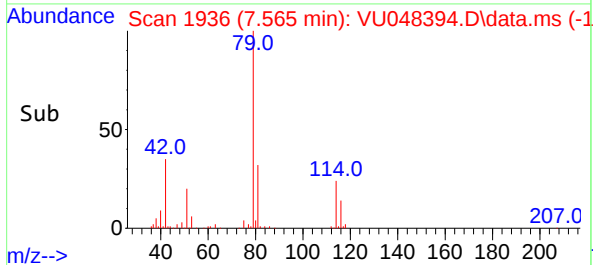
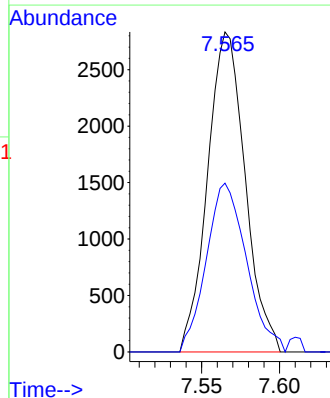
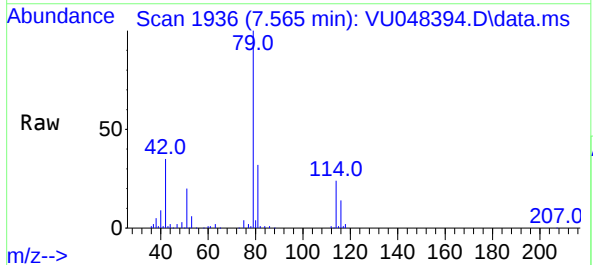
Instrument :
MSVOA_U
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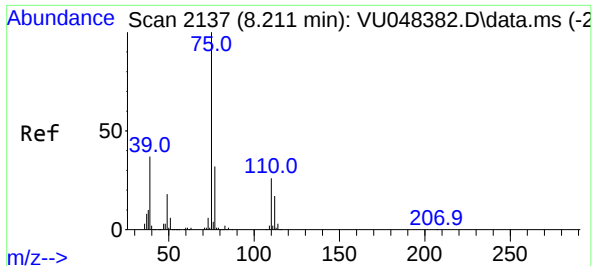
Tgt Ion: 63 Resp: 20403
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 1.115 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU048394.D
Acq: 03 May 2022 16:42

Tgt Ion: 75 Resp: 4748
Ion Ratio Lower Upper
75 100
77 52.8 22.0 41.0#

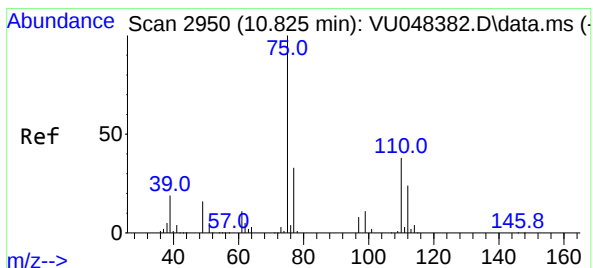
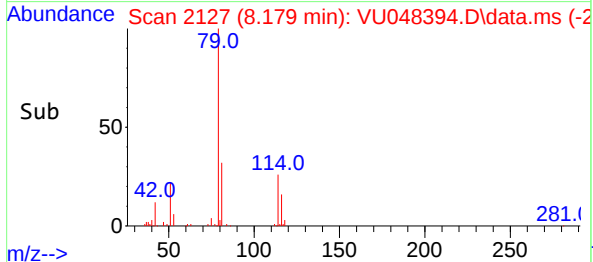
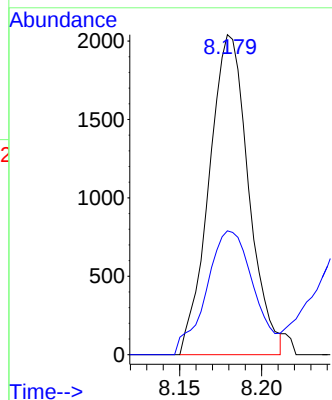
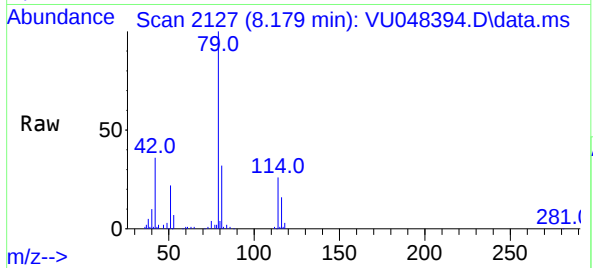




#44
trans-1,3-Dichloropropene
Concen: 0.822 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048394.D
Acq: 03 May 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3419
Ion Ratio Lower Upper
75 100
77 38.7 22.1 41.1



#60
1,2,3-Trichloropropane
Concen: 4.251 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU048394.D
Acq: 03 May 2022 16:42

Tgt Ion: 75 Resp: 16501
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 2.3 29.9 44.9#

