

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050480.D
 Acq On : 29 Aug 2022 13:26
 Operator : SY/MD
 Sample : N4399-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:14:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

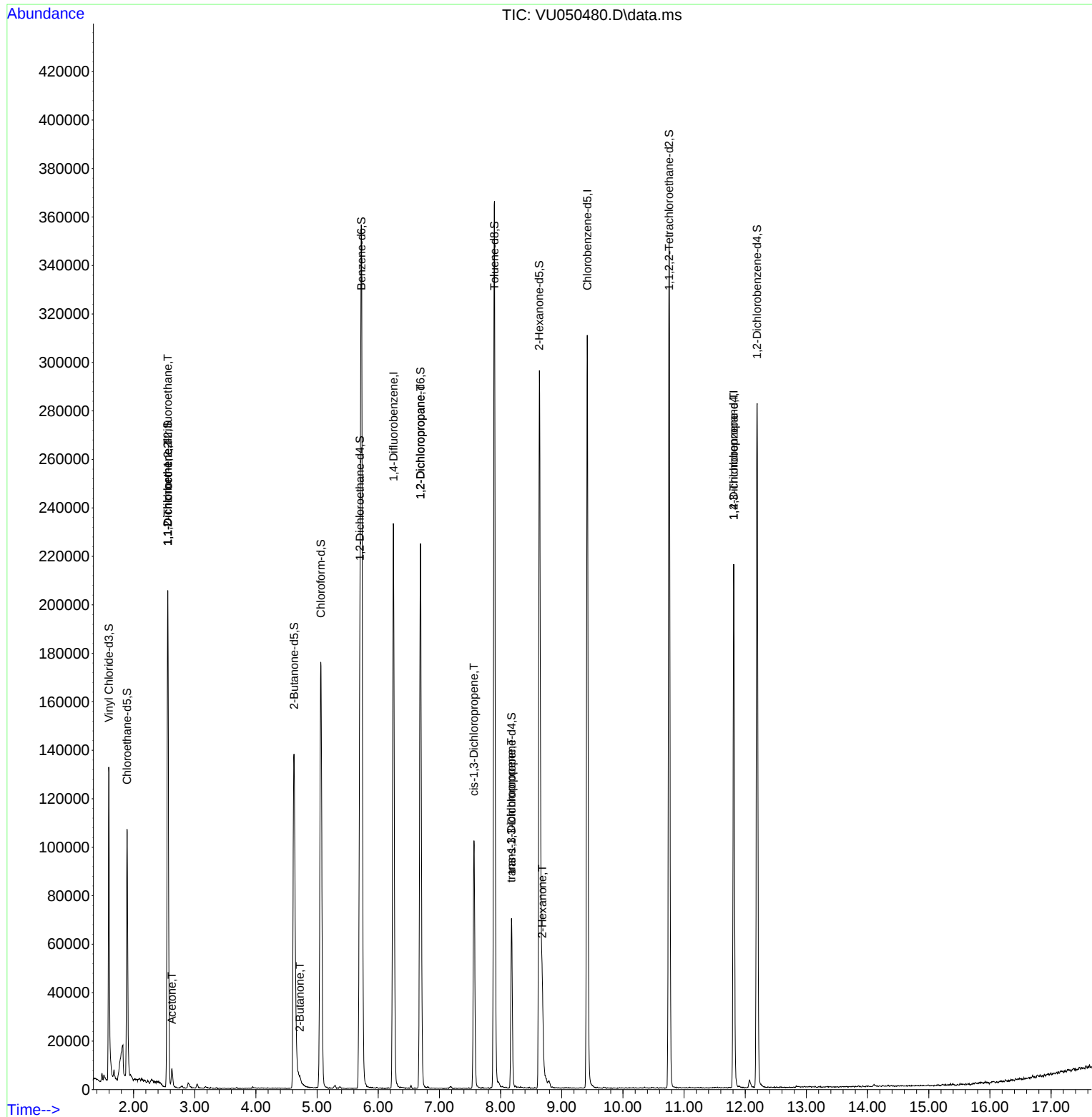
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189604	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	177834	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	102743	45.828	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.660%		
7) Chloroethane-d5	1.893	69	80154	48.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.640%		
11) 1,1-Dichloroethene-d2	2.559	63	121627	38.388	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.780%		
21) 2-Butanone-d5	4.623	46	202101	137.724	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	137.720%#		
24) Chloroform-d	5.060	84	167596	46.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.140%		
26) 1,2-Dichloroethane-d4	5.700	65	107756	48.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.360%		
32) Benzene-d6	5.726	84	332747	50.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.280%		
36) 1,2-Dichloropropane-d6	6.690	67	112375	51.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.240%		
41) Toluene-d8	7.899	98	252365	43.892	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.780%		
43) trans-1,3-Dichloroprop...	8.179	79	39072	43.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.060%		
47) 2-Hexanone-d5	8.632	63	89585	110.897	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.900%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	181094	53.937	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.880%		
66) 1,2-Dichlorobenzene-d4	12.195	152	78537	55.009	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1262	0.959	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	903	0.776	ug/L #	1
13) Acetone	2.626	43	8951	9.277	ug/L	95
22) 2-Butanone	4.719	43	2517	1.925	ug/L #	61
37) 1,2-Dichloropropane	6.690	63	11599	7.416	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2340	1.139	ug/L #	52
44) trans-1,3-Dichloropropene	8.176	75	1739	0.908	ug/L	91
48) 2-Hexanone	8.684	43	18775	10.817	ug/L #	84
60) 1,2,3-Trichloropropane	11.812	75	6995	4.542	ug/L #	66

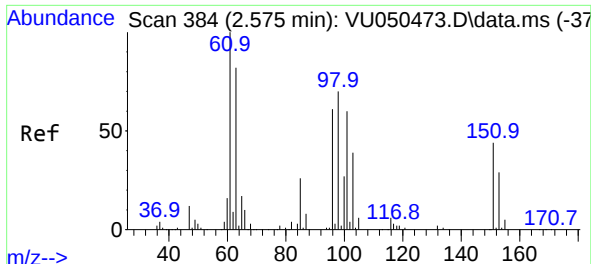
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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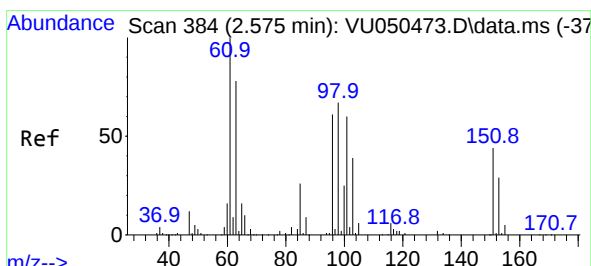
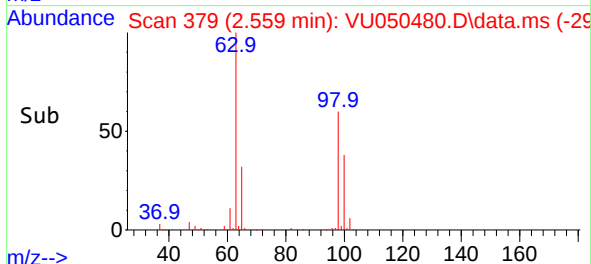
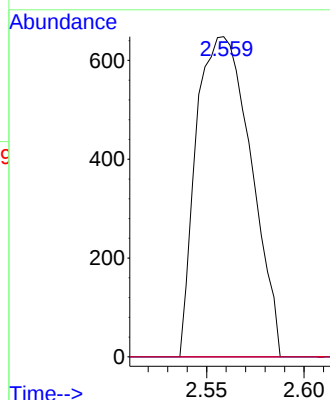
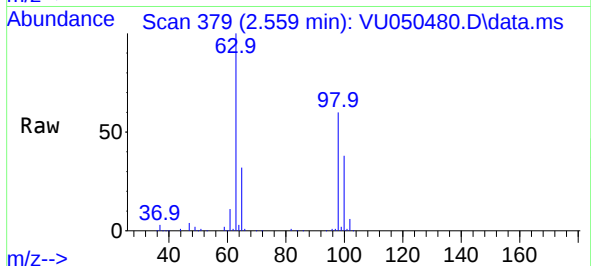




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.959 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU050480.D
Acq: 29 Aug 2022 13:26

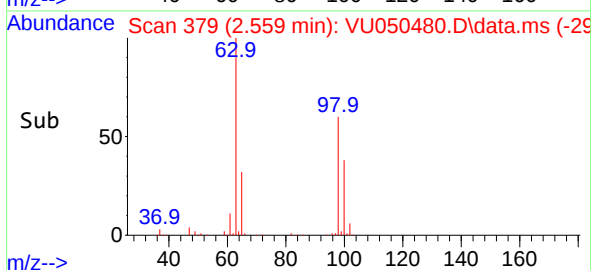
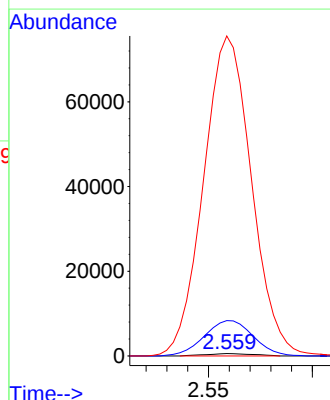
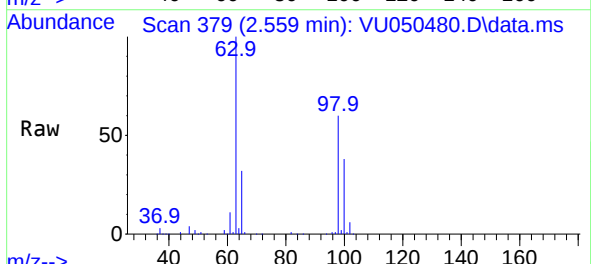
Instrument :
MSVOA_U
ClientSampleId :

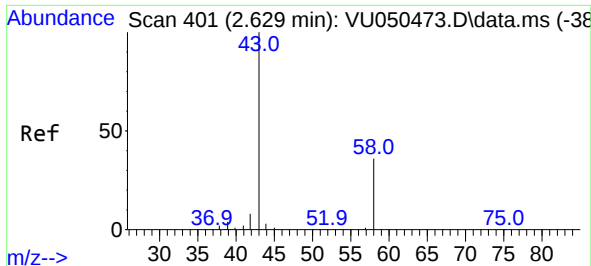
Tgt Ion:101 Resp: 1262
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.776 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU050480.D
Acq: 29 Aug 2022 13:26

Tgt Ion: 96 Resp: 903
Ion Ratio Lower Upper
96 100
61 1462.2 116.8 216.8#
63 13230.1 97.4 180.8#





#13

Acetone

Concen: 9.277 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU050480.D

Acq: 29 Aug 2022 13:26

Instrument :

MSVOA_U

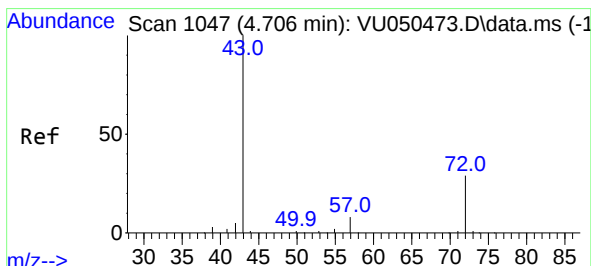
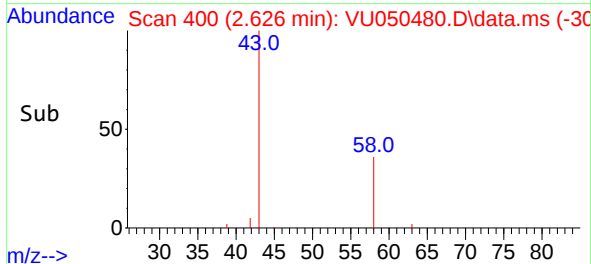
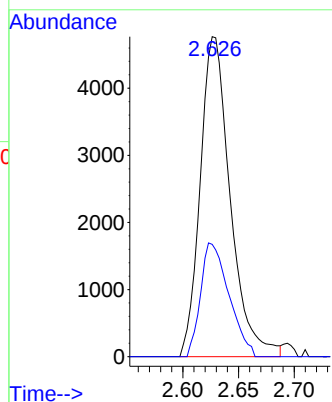
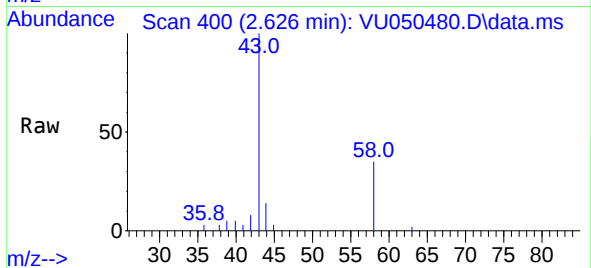
ClientSampleId :

Tgt Ion: 43 Resp: 8951

Ion Ratio Lower Upper

43 100

58 33.4 0.0 72.2



#22

2-Butanone

Concen: 1.925 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.013 min

Lab File: VU050480.D

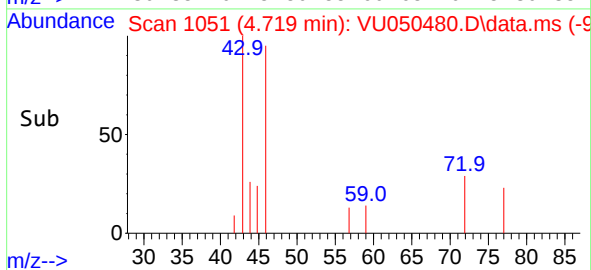
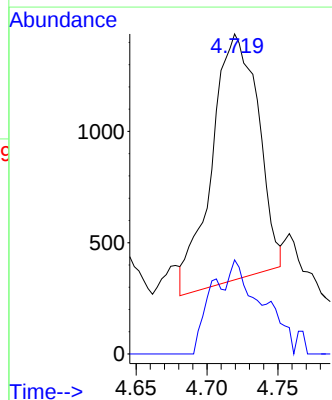
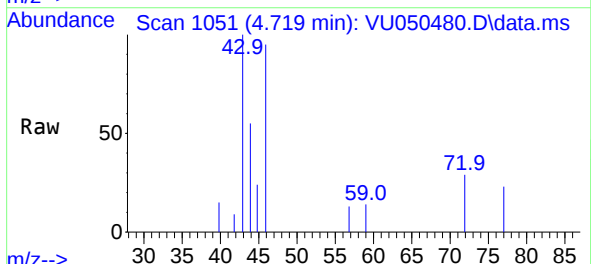
Acq: 29 Aug 2022 13:26

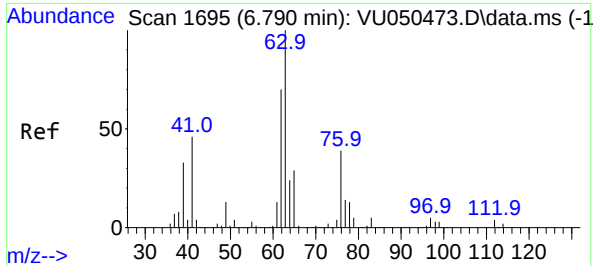
Tgt Ion: 43 Resp: 2517

Ion Ratio Lower Upper

43 100

72 9.0 15.0 45.0#

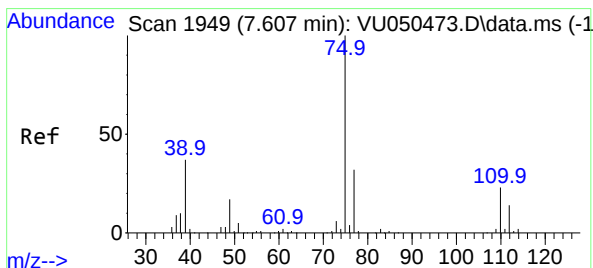
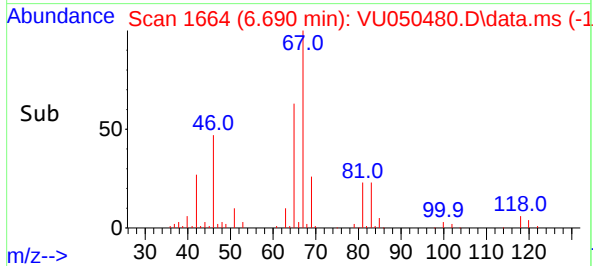
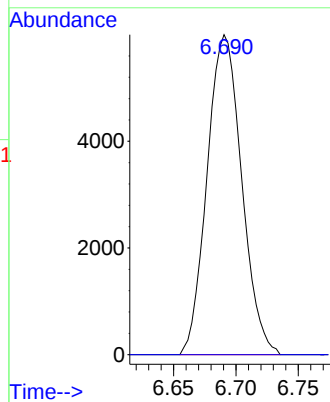
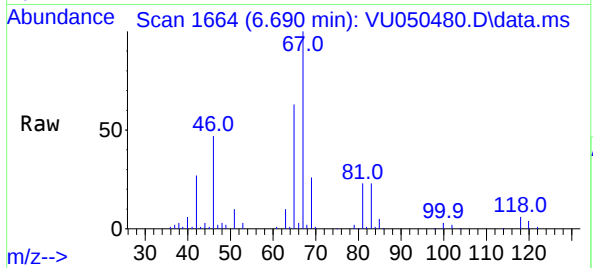




#37
1,2-Dichloropropane
Concen: 7.416 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU050480.D
Acq: 29 Aug 2022 13:26

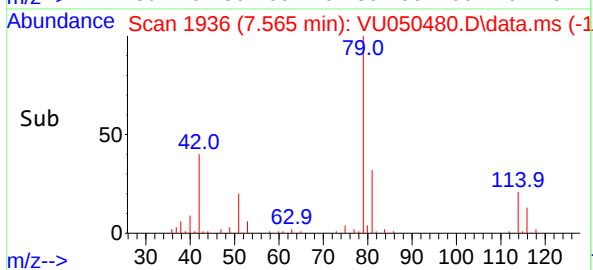
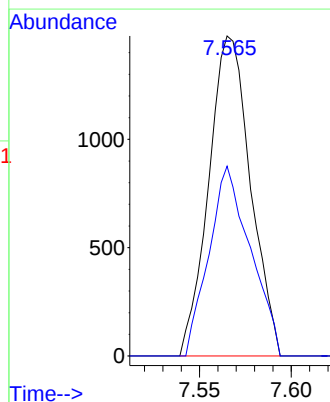
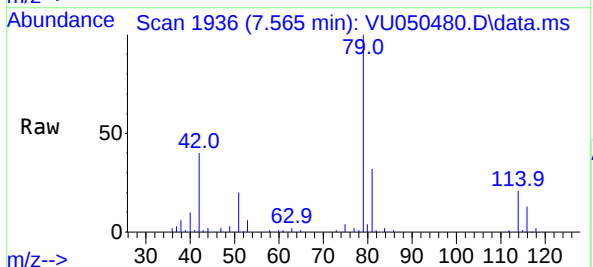
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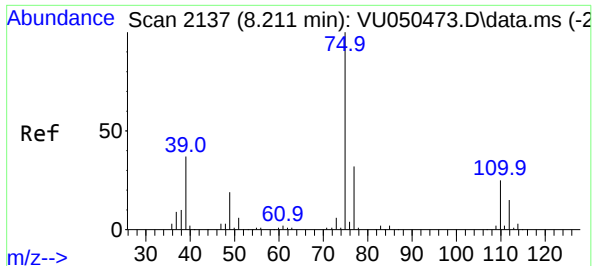
Tgt Ion: 63 Resp: 11599
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#39
cis-1,3-Dichloropropene
Concen: 1.139 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050480.D
Acq: 29 Aug 2022 13:26

Tgt Ion: 75 Resp: 2340
Ion Ratio Lower Upper
75 100
77 59.3 22.8 42.4#

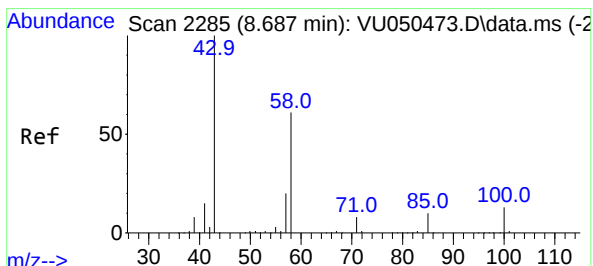
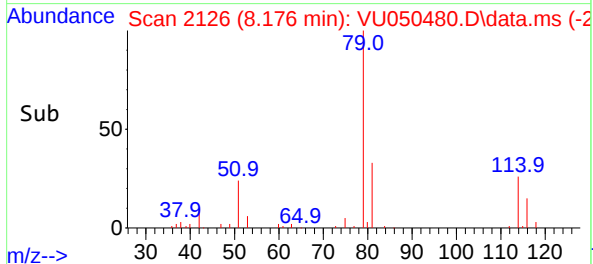
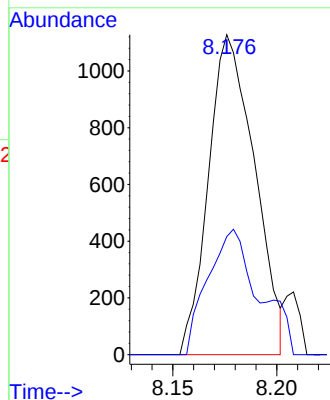
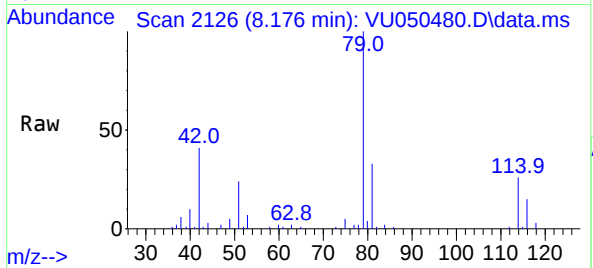




#44
trans-1,3-Dichloropropene
Concen: 0.908 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU050480.D
Acq: 29 Aug 2022 13:26

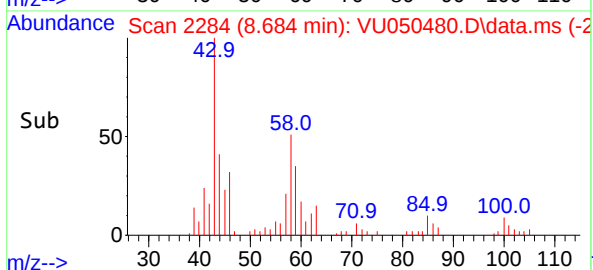
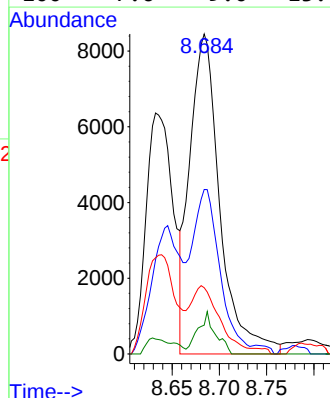
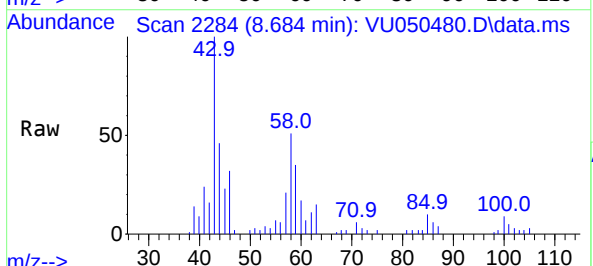
Instrument :
MSVOA_U
ClientSampleId :

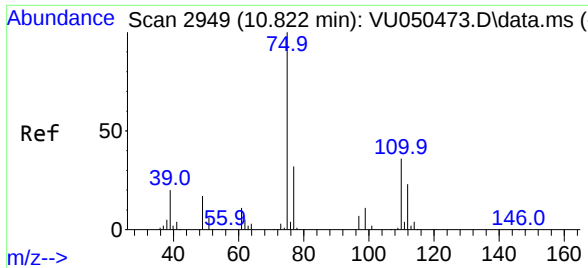
Tgt Ion: 75 Resp: 1739
Ion Ratio Lower Upper
75 100
77 36.9 22.5 41.7



#48
2-Hexanone
Concen: 10.817 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU050480.D
Acq: 29 Aug 2022 13:26

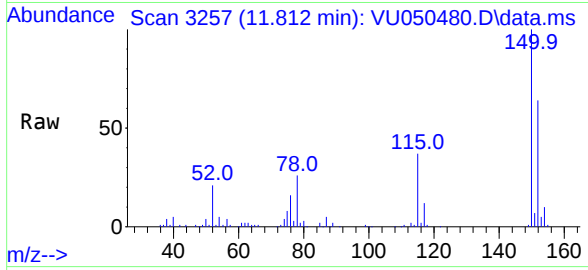
Tgt Ion: 43 Resp: 18775
Ion Ratio Lower Upper
43 100
58 43.6 47.9 71.9#
57 17.8 15.4 23.0
100 7.6 9.0 13.6#





#60
 1,2,3-Trichloropropane
 Concen: 4.542 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU050480.D
 Acq: 29 Aug 2022 13:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6995

Ion	Ratio	Lower	Upper
75	100		
77	28.9	25.7	38.5
110	1.1	29.0	43.4#

