

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050505.D
 Acq On : 29 Aug 2022 23:52
 Operator : SY/MD
 Sample : N4344-19ME
 Misc : 5.85g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 05:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 05:29:53 2022
 Response via : Initial Calibration

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

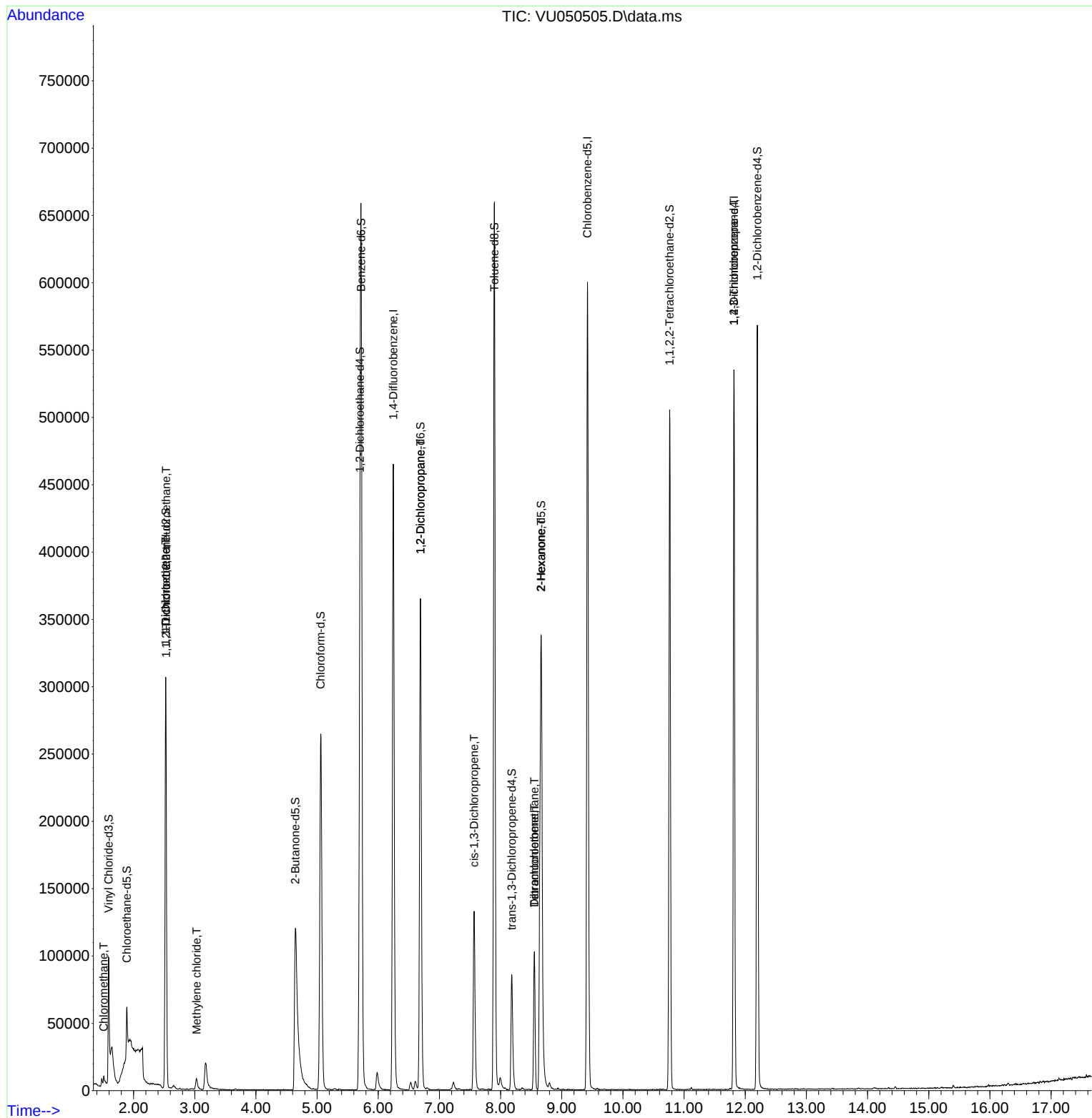
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	401856	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	380154	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	142123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	83230	17.516	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	35.040%#		
7) Chloroethane-d5	1.890	69	32781	9.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	18.640%#		
11) 1,1-Dichloroethene-d2	2.526	63	181426	27.017	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.040%#		
21) 2-Butanone-d5	4.645	46	272035	87.467	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.470%		
24) Chloroform-d	5.060	84	264805	34.716	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.440%#		
26) 1,2-Dichloroethane-d4	5.700	65	182220	38.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.880%		
32) Benzene-d6	5.719	84	578544	41.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.380%		
36) 1,2-Dichloropropane-d6	6.690	67	192367	41.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.680%		
41) Toluene-d8	7.899	98	467634	38.047	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.100%#		
43) trans-1,3-Dichloroprop...	8.182	79	55807	28.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.500%#		
47) 2-Hexanone-d5	8.661	63	162681	94.206	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.210%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	262665	36.597	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	73.200%		
66) 1,2-Dichlorobenzene-d4	12.198	152	153296	45.153	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.300%		
Target Compounds						Qvalue
3) Chloromethane	1.514	50	5686	1.555	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.530	101	1654	0.593	ug/L #	21
12) 1,1-Dichloroethene	2.523	96	1424	0.578	ug/L #	1
16) Methylene chloride	3.031	84	4688	1.365	ug/L	87
37) 1,2-Dichloropropane	6.690	63	20192	6.040	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	3585	0.817	ug/L #	75
46) Tetrachloroethene	8.552	164	23568	11.778	ug/L	98
48) 2-Hexanone	8.664	43	24540	6.614	ug/L #	74
49) Dibromochloromethane	8.552	129	22823	6.697	ug/L #	9
60) 1,2,3-Trichloropropane	11.815	75	17840	4.871	ug/L #	68

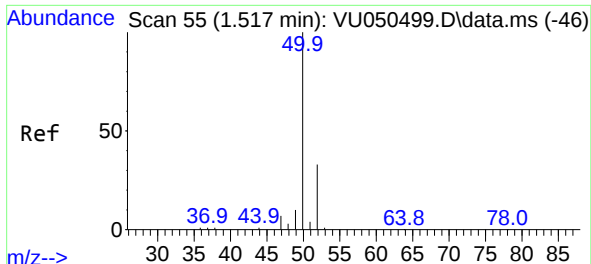
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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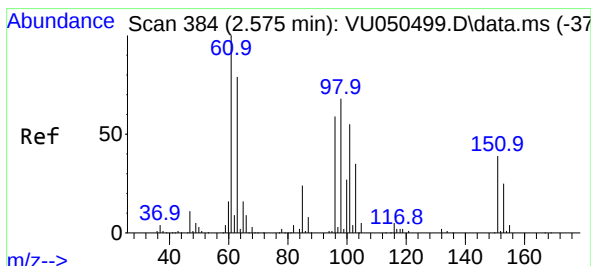
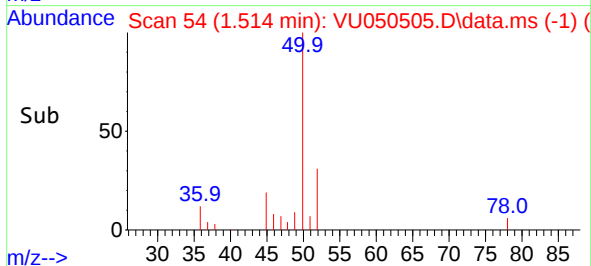
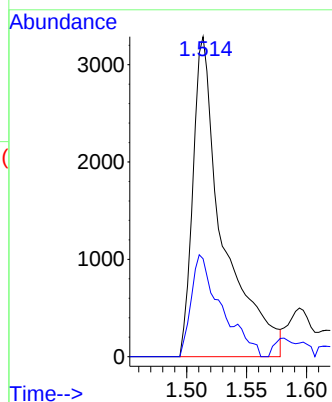
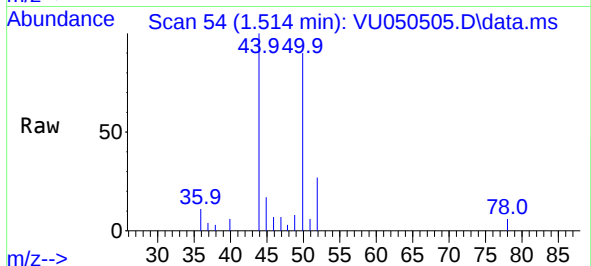




#3
Chloromethane
Concen: 1.555 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU050505.D
Acq: 29 Aug 2022 23:52

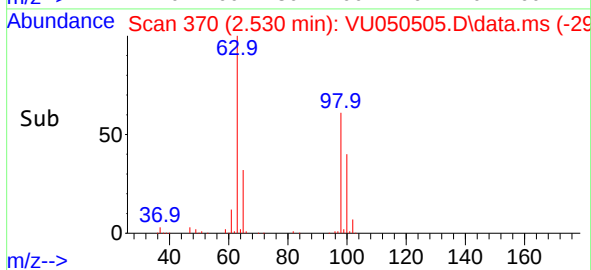
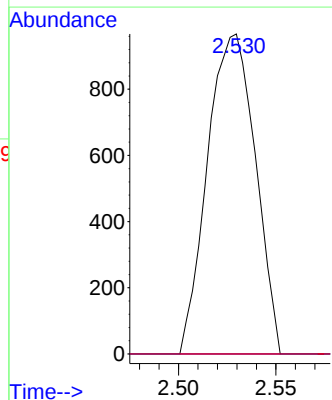
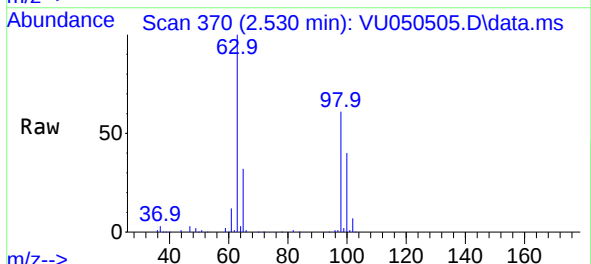
Instrument :
MSVOA_U
ClientSampleId :

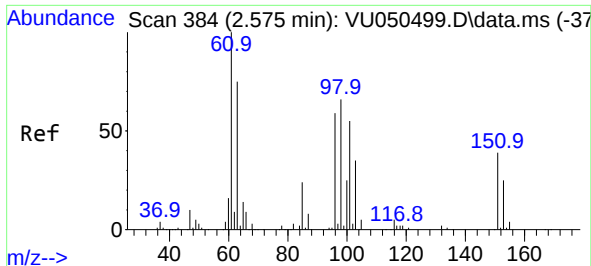
Tgt Ion: 50 Resp: 5686
Ion Ratio Lower Upper
50 100
52 30.6 23.4 43.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.593 ug/L
RT: 2.530 min Scan# 370
Delta R.T. -0.045 min
Lab File: VU050505.D
Acq: 29 Aug 2022 23:52

Tgt Ion: 101 Resp: 1654
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: 0.578 ug/L

RT: 2.523 min Scan# 3

Delta R.T. -0.051 min

Lab File: VU050505.D

Acq: 29 Aug 2022 23:52

Instrument :

MSVOA_U

ClientSampleId :

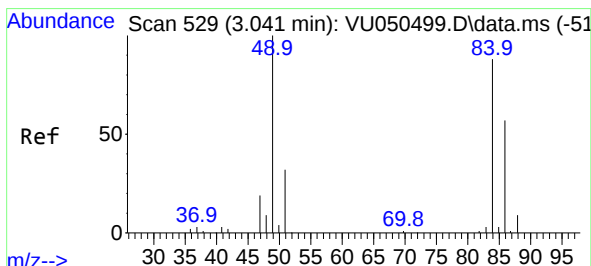
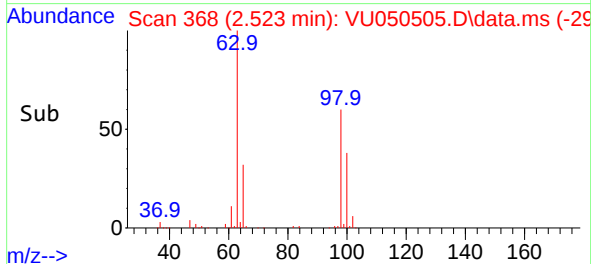
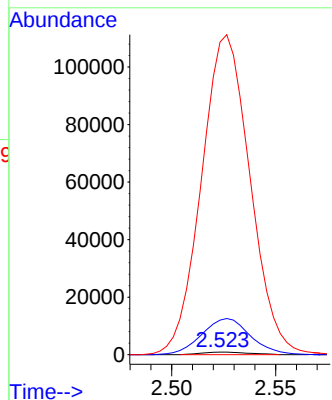
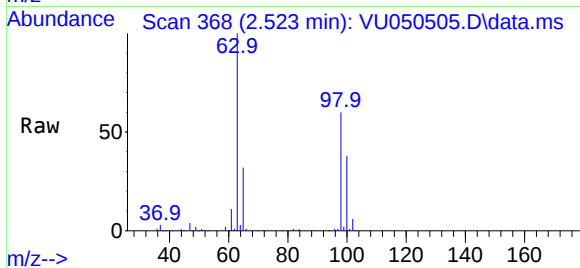
Tgt Ion: 96 Resp: 1424

Ion Ratio Lower Upper

96 100

61 1332.3 116.8 216.8#

63 12026.5 97.4 180.8#



#16

Methylene chloride

Concen: 1.365 ug/L

RT: 3.031 min Scan# 526

Delta R.T. -0.010 min

Lab File: VU050505.D

Acq: 29 Aug 2022 23:52

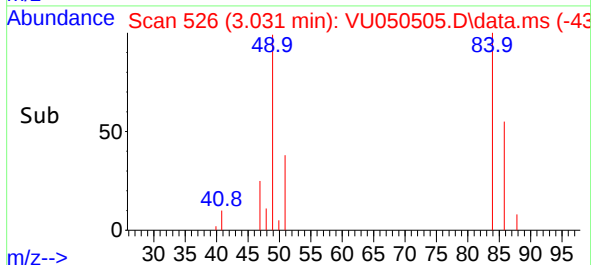
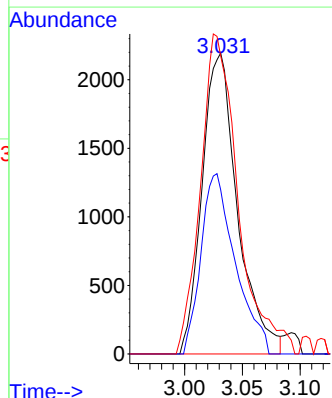
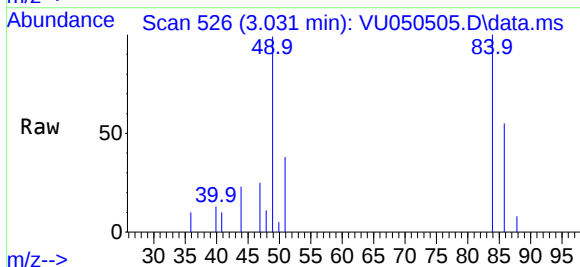
Tgt Ion: 84 Resp: 4688

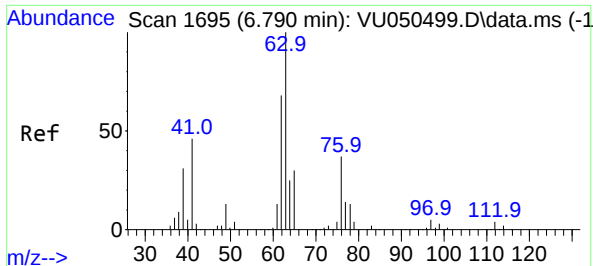
Ion Ratio Lower Upper

84 100

86 54.5 43.9 81.5

49 99.0 80.4 149.4

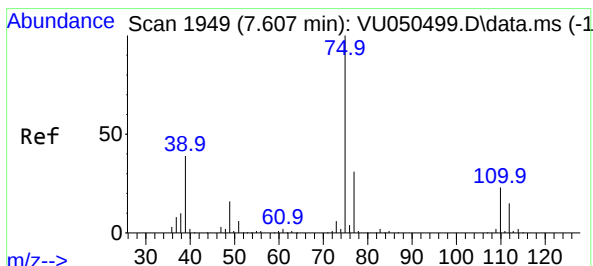
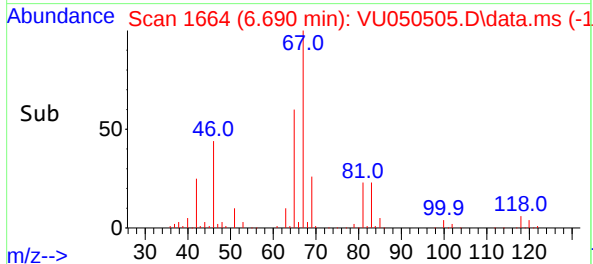
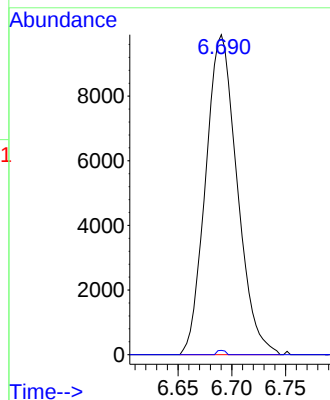
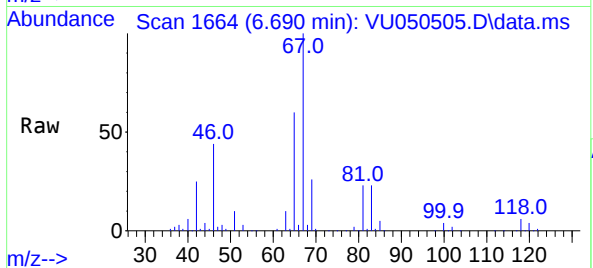




#37
1,2-Dichloropropane
Concen: 6.040 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU050505.D
Acq: 29 Aug 2022 23:52

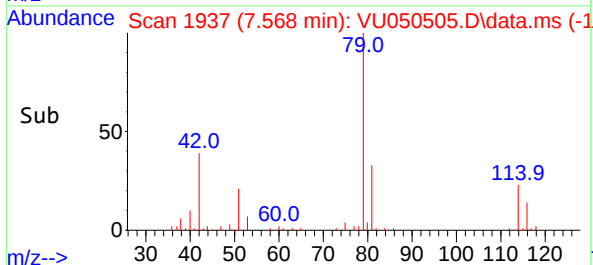
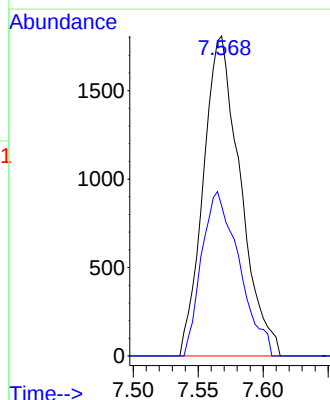
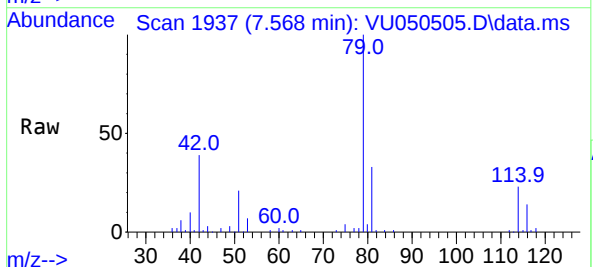
Instrument :
MSVOA_U
ClientSampleId :

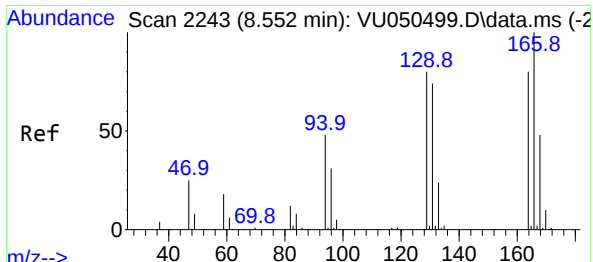
Tgt Ion: 63 Resp: 20192
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.4#



#39
cis-1,3-Dichloropropene
Concen: 0.817 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.039 min
Lab File: VU050505.D
Acq: 29 Aug 2022 23:52

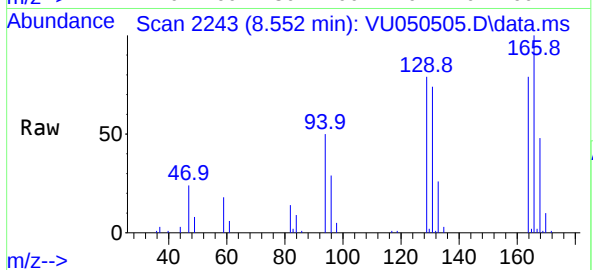
Tgt Ion: 75 Resp: 3585
Ion Ratio Lower Upper
75 100
77 46.9 22.8 42.4#



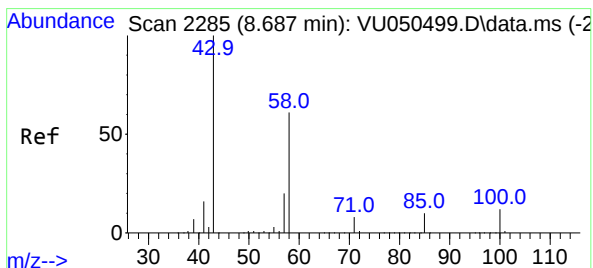
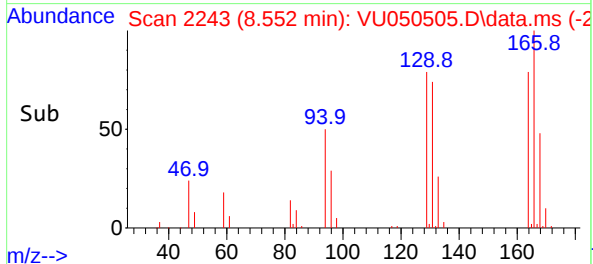
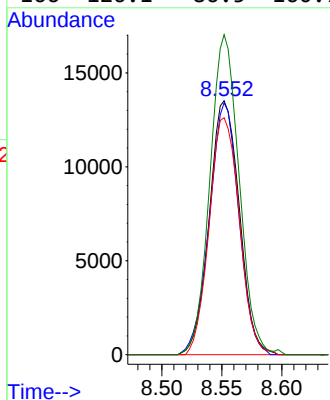


#46
Tetrachloroethene
Concen: 11.778 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050505.D
Acq: 29 Aug 2022 23:52

Instrument :
MSVOA_U
ClientSampleId :

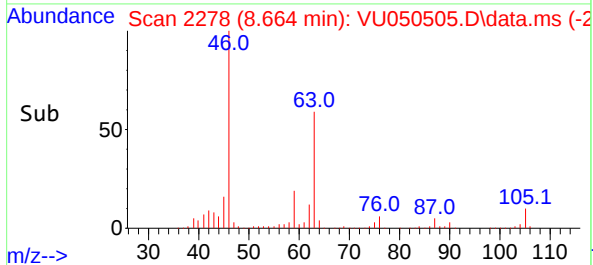
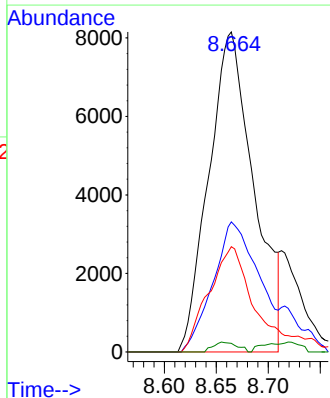
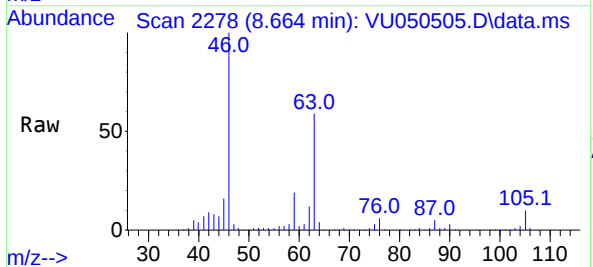


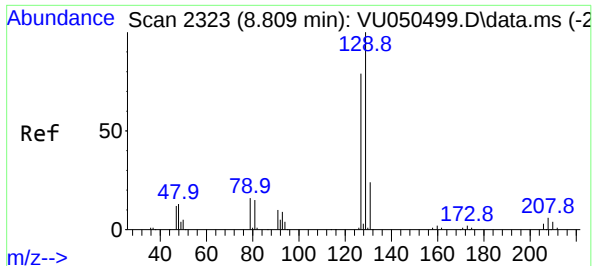
Tgt Ion:164 Resp: 23568
Ion Ratio Lower Upper
164 100
129 101.5 68.0 126.4
131 93.3 65.4 121.4
166 126.1 86.5 160.7



#48
2-Hexanone
Concen: 6.614 ug/L
RT: 8.664 min Scan# 2278
Delta R.T. -0.022 min
Lab File: VU050505.D
Acq: 29 Aug 2022 23:52

Tgt Ion: 43 Resp: 24540
Ion Ratio Lower Upper
43 100
58 41.3 47.9 71.9#
57 32.9 15.4 23.0#
100 1.5 9.0 13.6#





#49

Dibromochloromethane

Concen: 6.697 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050505.D

Acq: 29 Aug 2022 23:52

Instrument :

MSVOA_U

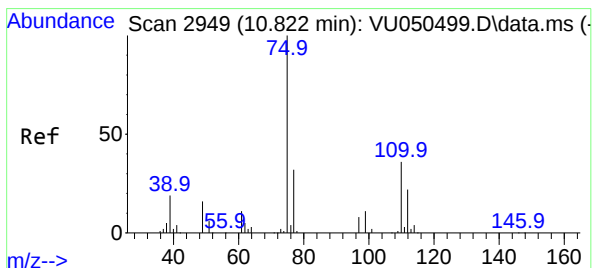
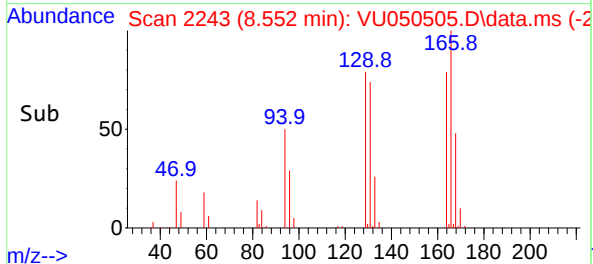
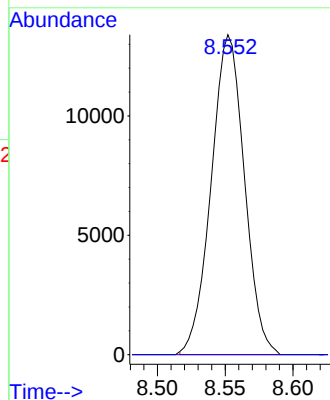
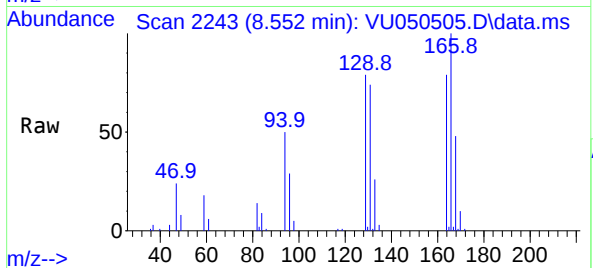
ClientSampleId :

Tgt Ion:129 Resp: 22823

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#60

1,2,3-Trichloropropane

Concen: 4.871 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU050505.D

Acq: 29 Aug 2022 23:52

Tgt Ion: 75 Resp: 17840

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

110 1.2 29.0 43.4#

