

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052524\
 Data File : VU059016.D
 Acq On : 25 May 2024 21:29
 Operator : MD/SY
 Sample : P2566-03 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 27 04:17:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 04:10:55 2024
 Response via : Initial Calibration

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

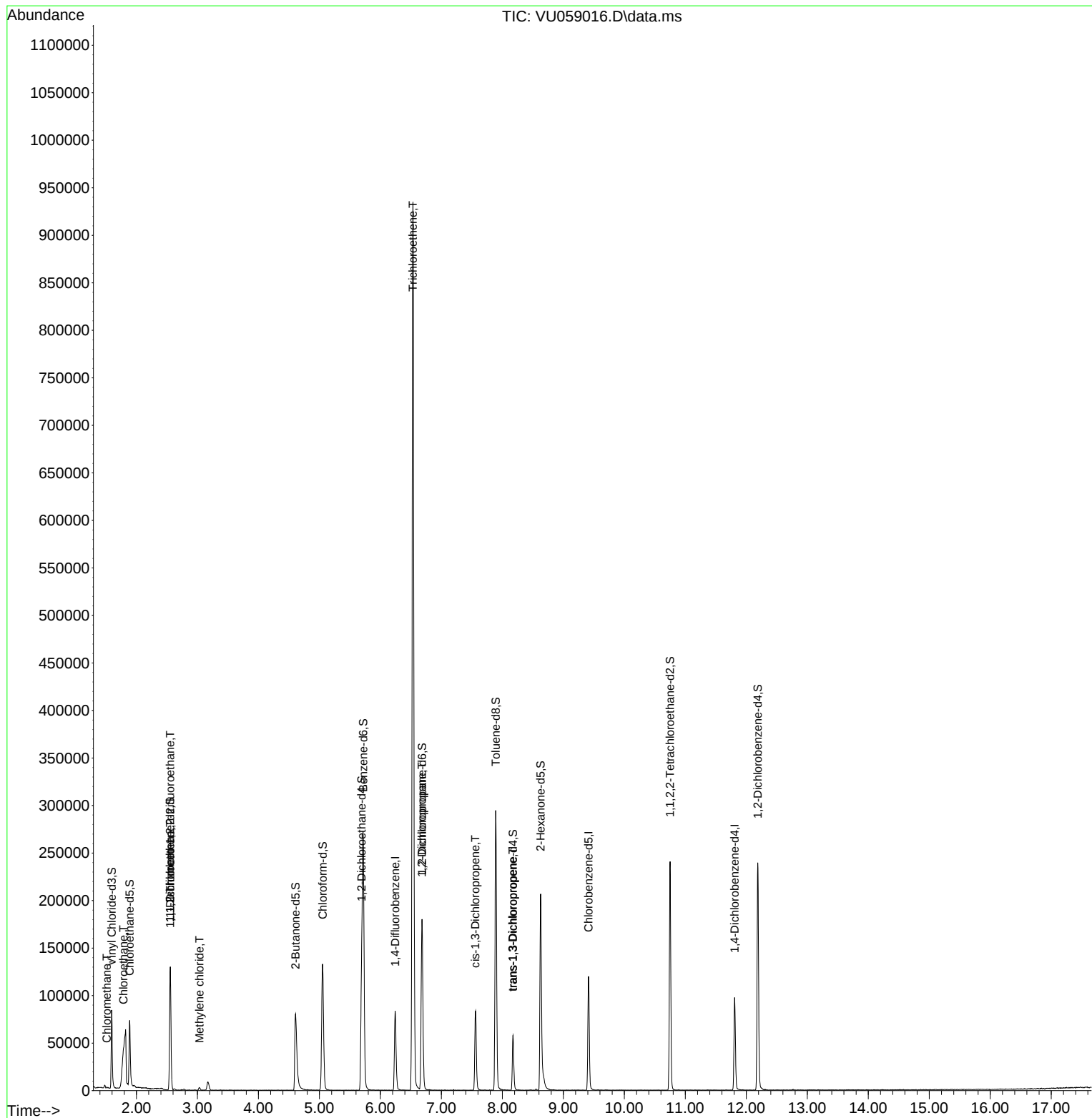
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	64312	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63465	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25347	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	62633	92.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 184.160%#			
7) Chloroethane-d5	1.888	69	56770	100.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 200.860%#			
11) 1,1-Dichloroethene-d2	2.554	63	80095	77.074	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 154.140%#			
21) 2-Butanone-d5	4.608	46	123954	265.299	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 265.300%#			
24) Chloroform-d	5.052	84	124293	106.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 213.060%#			
26) 1,2-Dichloroethane-d4	5.692	65	84625	118.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 237.200%#			
32) Benzene-d6	5.718	84	245473	113.453	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 226.900%#			
36) 1,2-Dichloropropane-d6	6.682	67	87393	122.289	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 244.580%#			
41) Toluene-d8	7.891	98	196470	101.305	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 202.620%#			
43) trans-1,3-Dichloroprop...	8.174	79	31301	97.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 195.080%#			
47) 2-Hexanone-d5	8.624	63	68761	232.641	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 232.640%#			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	122958	114.367	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 228.740%#			
66) 1,2-Dichlorobenzene-d4	12.187	152	62137	118.808	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 237.620%#			
Target Compounds						Qvalue
3) Chloromethane	1.512	50	980	2.125	ug/L	94
8) Chloroethane	1.785	64	616	1.668	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	643	1.292	ug/L #	22
12) 1,1-Dichloroethene	2.551	96	537	1.348	ug/L #	1
16) Methylene chloride	3.033	84	1271	2.000	ug/L	95
34) Trichloroethene	6.531	95	327660	647.039	ug/L	98
37) 1,2-Dichloropropane	6.679	63	9304	15.004	ug/L #	91
39) cis-1,3-Dichloropropene	7.557	75	1975	2.312	ug/L #	74
44) trans-1,3-Dichloropropene	8.171	75	1254	1.551	ug/L	97

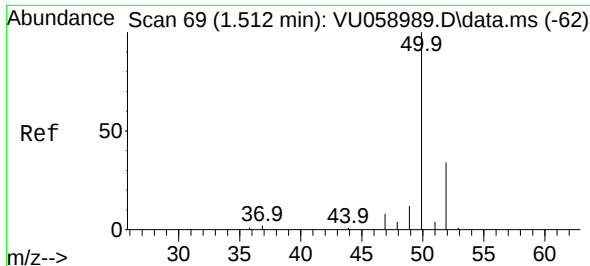
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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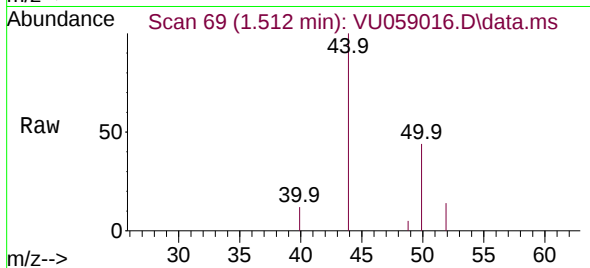
Quant Time: May 27 04:17:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 27 04:10:55 2024
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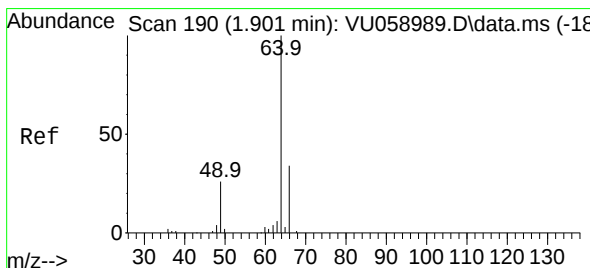
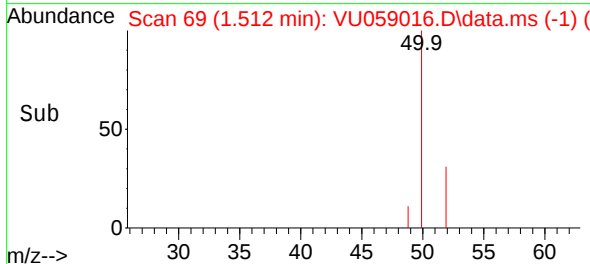
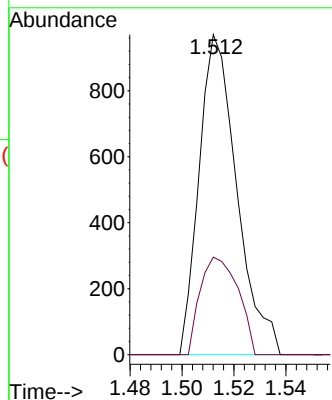


#3
Chloromethane
Concen: 2.125 ug/L
RT: 1.512 min Scan# 69
Delta R.T. 0.000 min
Lab File: VU059016.D
Acq: 25 May 2024 21:29

Instrument :
MSVOA_U
ClientSampleId :

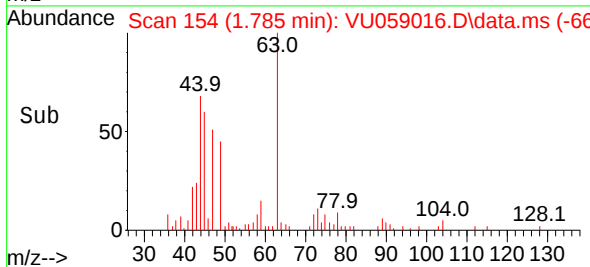
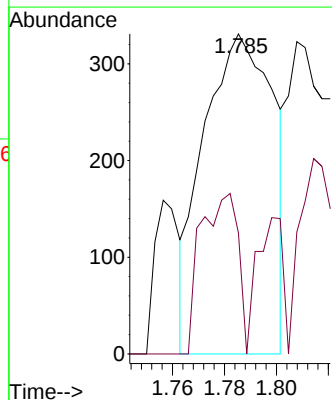
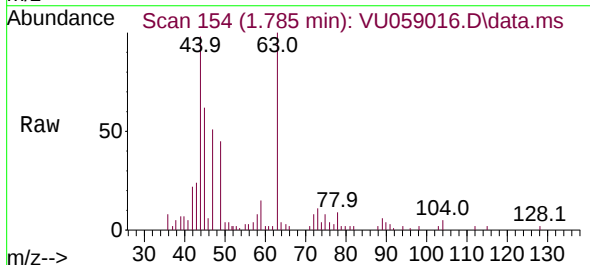


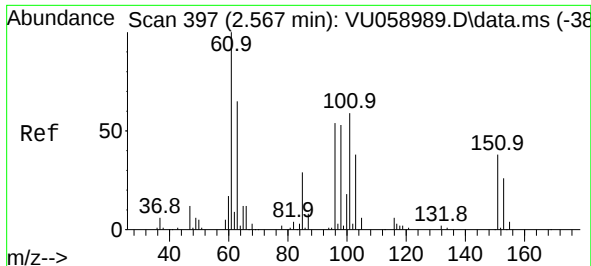
Tgt Ion: 50 Resp: 980
Ion Ratio Lower Upper
50 100
52 30.5 23.9 44.3



#8
Chloroethane
Concen: 1.668 ug/L
RT: 1.785 min Scan# 154
Delta R.T. -0.116 min
Lab File: VU059016.D
Acq: 25 May 2024 21:29

Tgt Ion: 64 Resp: 616
Ion Ratio Lower Upper
64 100
66 37.8 22.7 42.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.292 ug/L

RT: 2.554 min Scan# 397

Delta R.T. -0.013 min

Lab File: VU059016.D

Acq: 25 May 2024 21:29

Instrument :

MSVOA_U

ClientSampleId :

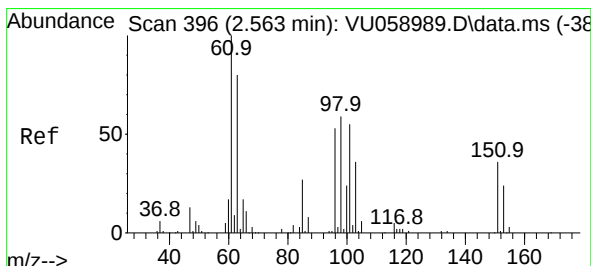
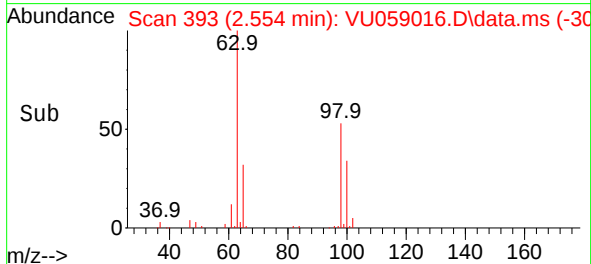
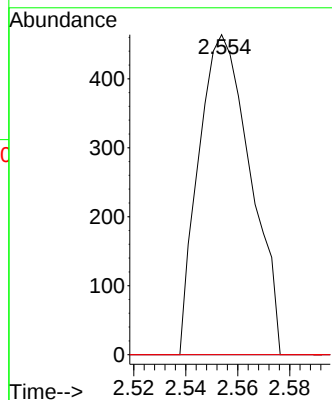
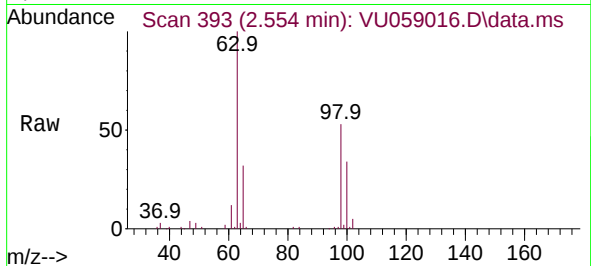
Tgt Ion:101 Resp: 643

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 54.5 81.7#



#12

1,1-Dichloroethene

Concen: 1.348 ug/L

RT: 2.551 min Scan# 392

Delta R.T. -0.013 min

Lab File: VU059016.D

Acq: 25 May 2024 21:29

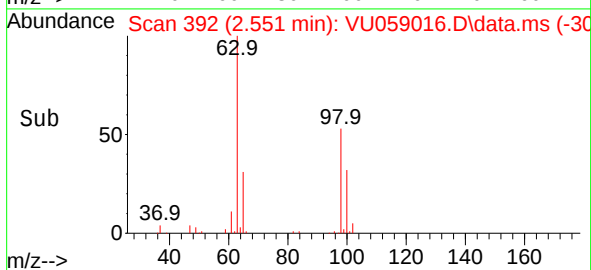
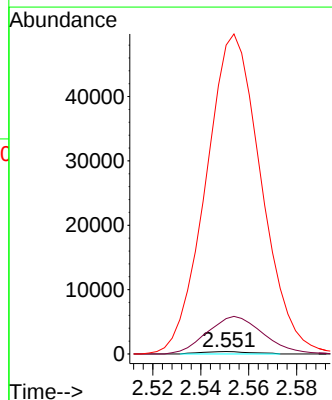
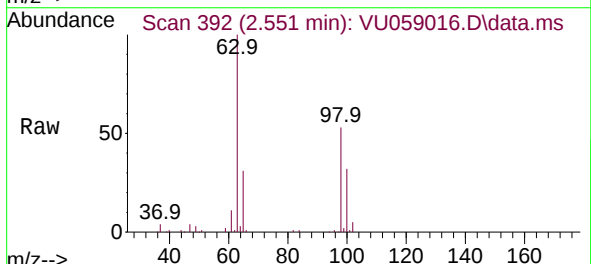
Tgt Ion: 96 Resp: 537

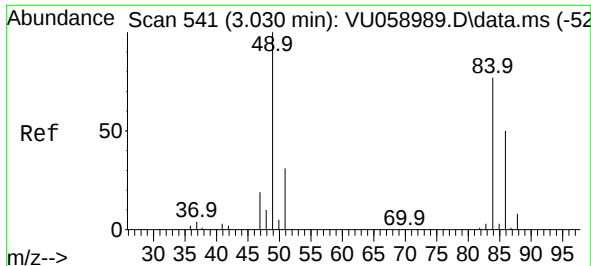
Ion Ratio Lower Upper

96 100

61 1475.0 122.2 227.0#

63 12896.8 102.8 190.8#





#16

Methylene chloride

Concen: 2.000 ug/L

RT: 3.033 min Scan# 541

Delta R.T. 0.003 min

Lab File: VU059016.D

Acq: 25 May 2024 21:29

Instrument :

MSVOA_U

ClientSampleId :

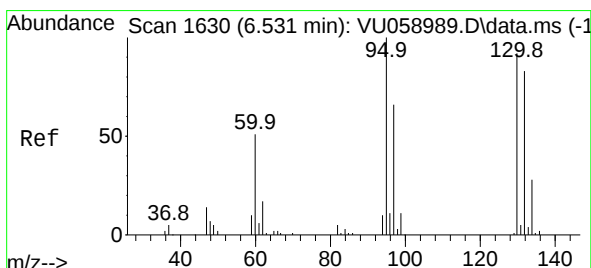
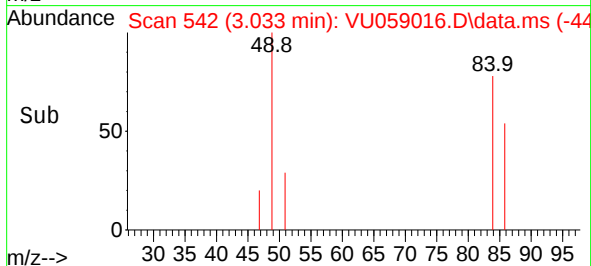
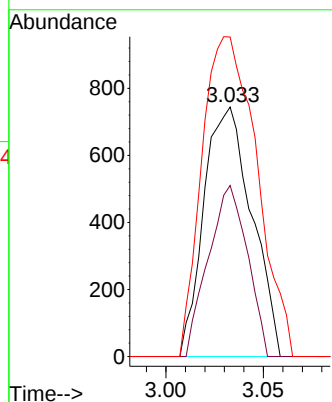
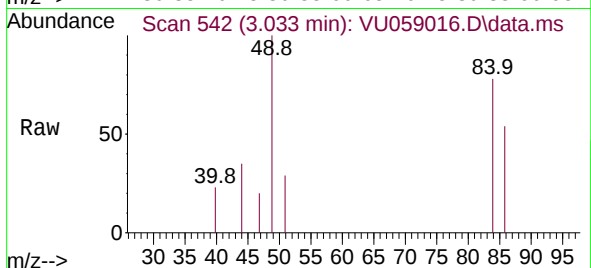
Tgt Ion: 84 Resp: 1271

Ion Ratio Lower Upper

84 100

86 68.5 44.9 83.5

49 128.1 85.4 158.6



#34

Trichloroethene

Concen: 647.039 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VU059016.D

Acq: 25 May 2024 21:29

Tgt Ion: 95 Resp: 327660

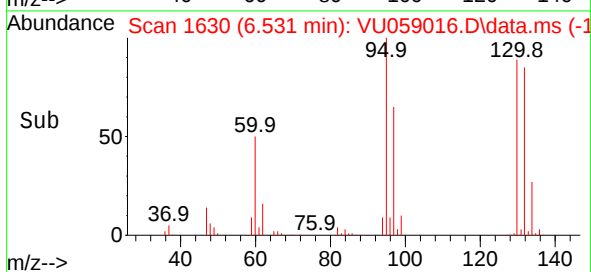
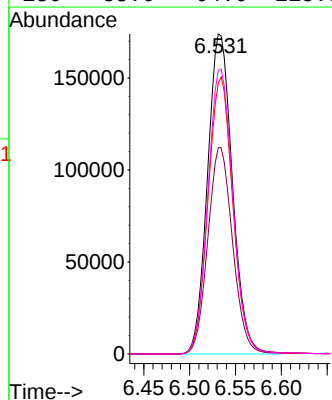
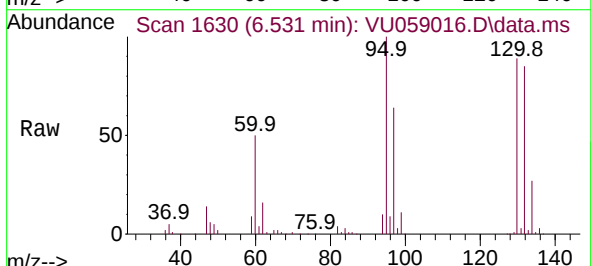
Ion Ratio Lower Upper

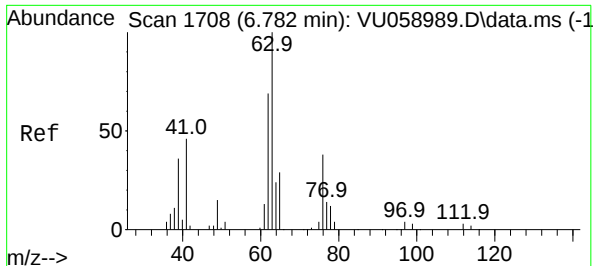
95 100

97 64.5 45.9 85.3

132 84.7 60.5 112.5

130 88.6 64.0 118.8

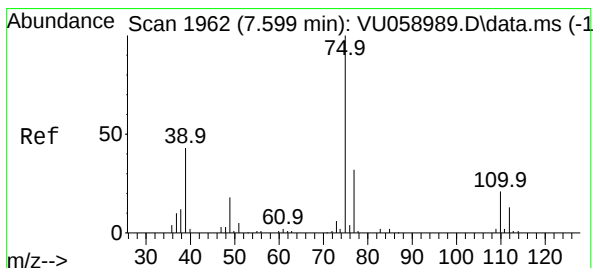
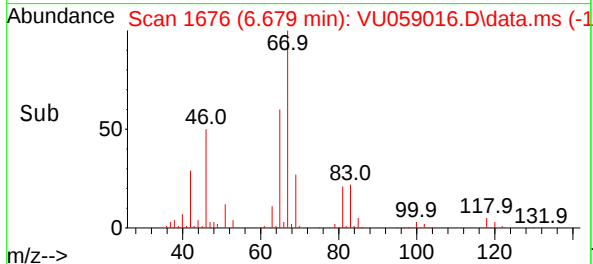
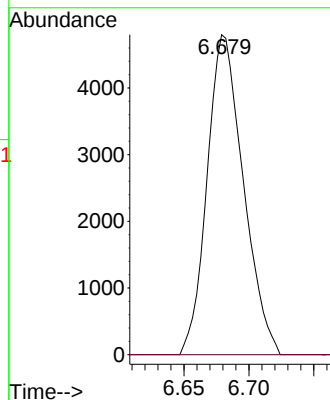
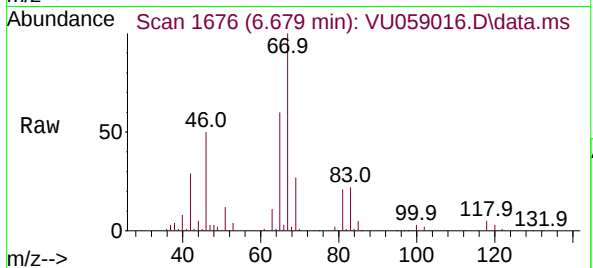




#37
1,2-Dichloropropane
Concen: 15.004 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059016.D
Acq: 25 May 2024 21:29

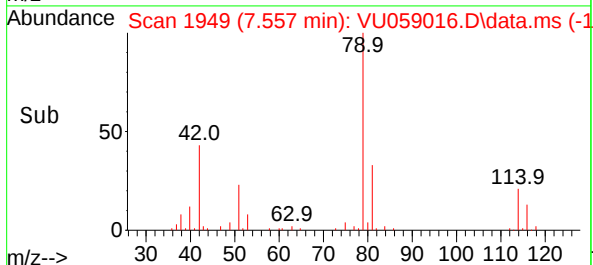
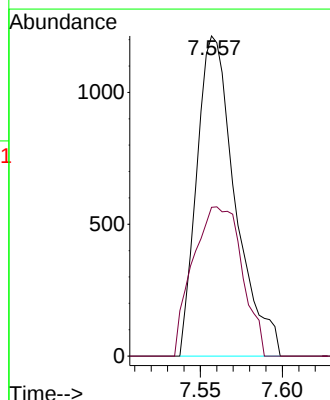
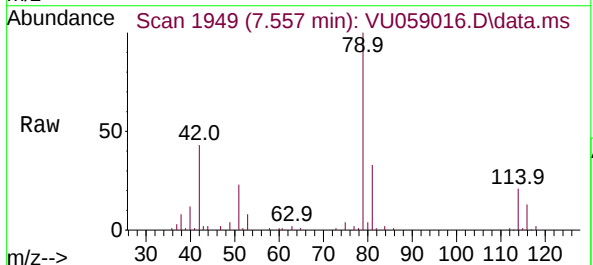
Instrument :
MSVOA_U
ClientSampleId :

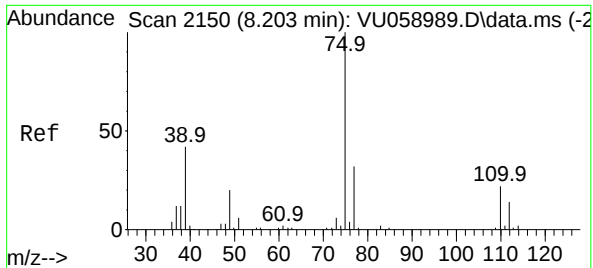
Tgt Ion: 63 Resp: 9304
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



#39
cis-1,3-Dichloropropene
Concen: 2.312 ug/L
RT: 7.557 min Scan# 1949
Delta R.T. -0.042 min
Lab File: VU059016.D
Acq: 25 May 2024 21:29

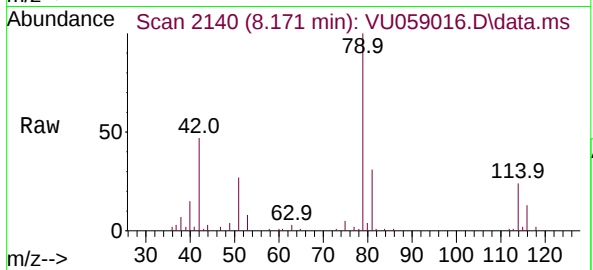
Tgt Ion: 75 Resp: 1975
Ion Ratio Lower Upper
75 100
77 46.5 22.5 41.7#





#44
 trans-1,3-Dichloropropene
 Concen: 1.551 ug/L
 RT: 8.171 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU059016.D
 Acq: 25 May 2024 21:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1254
 Ion Ratio Lower Upper
 75 100
 77 34.5 23.0 42.8

