

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050318.D
 Acq On : 13 Aug 2022 15:01
 Operator : SY/MD
 Sample : N4115-03DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44DL

Quant Time: Aug 14 01:27:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

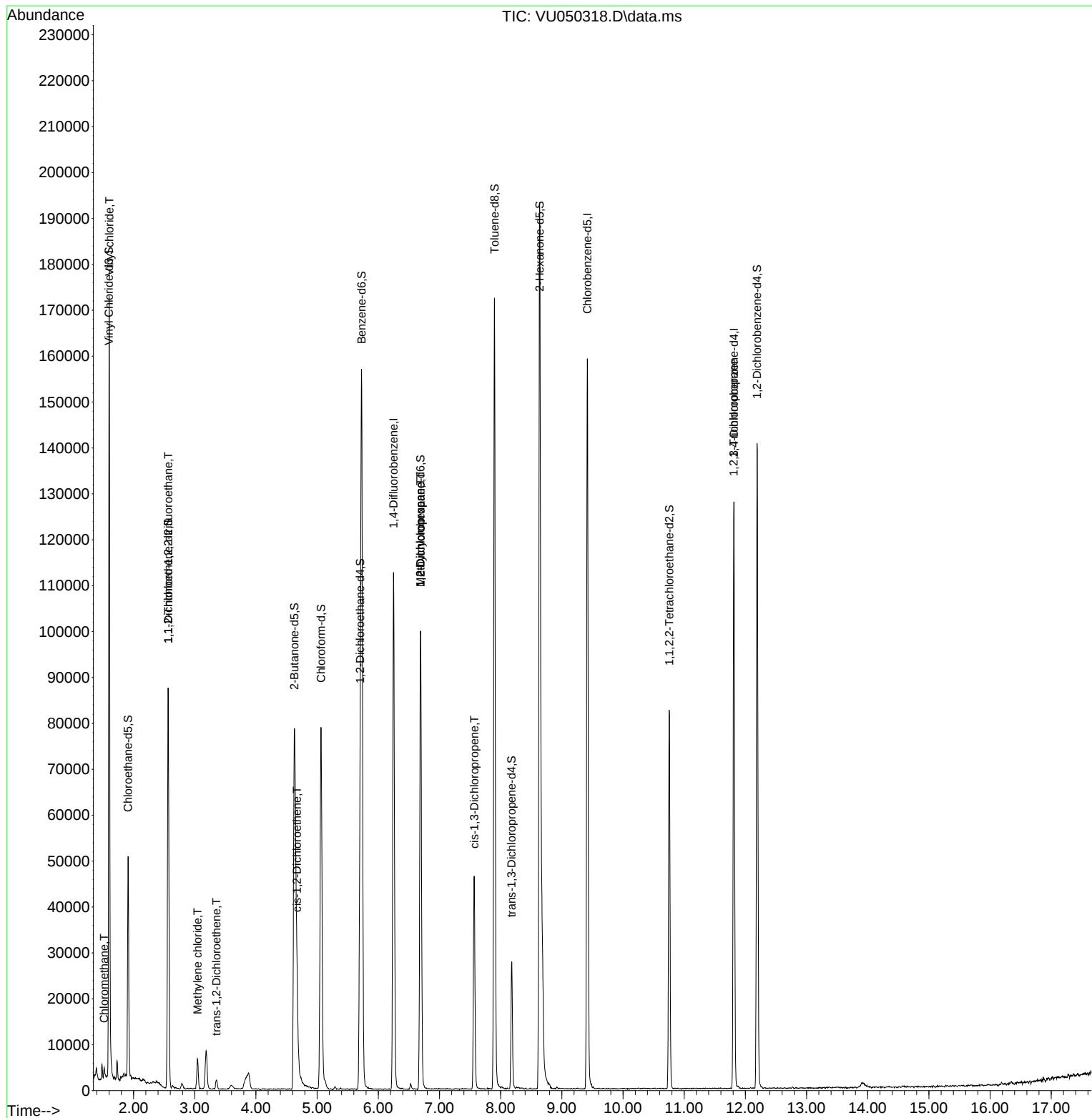
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92094	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	35215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44035	5.746	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 115.000%		
7) Chloroethane-d5	1.909	69	35578	5.754	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 115.000%		
11) 1,1-Dichloroethene-d2	2.565	65	16762	5.596	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 112.000%		
20) 2-Butanone-d5	4.626	46	108540	58.075	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.140%		
24) Chloroform-d	5.064	84	75328	5.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.600%		
26) 1,2-Dichloroethane-d4	5.703	65	39779	5.435	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.600%		
32) Benzene-d6	5.729	84	150685	5.306	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.200%		
36) 1,2-Dichloropropane-d6	6.691	67	50787	5.430	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.600%		
41) Toluene-d8	7.899	98	119272	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.000%		
43) trans-1,3-Dichloroprop...	8.179	79	16573	4.945	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.800%		
46) 2-Hexanone-d5	8.636	63	59977	50.464	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.920%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	42903	5.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	38763	5.618	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.400%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2221	0.201	ug/L #	81
5) Vinyl chloride	1.604	62	84520	8.543	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	454	0.075	ug/L #	22
16) Methylene chloride	3.044	84	3029	0.311	ug/L	83
18) trans-1,2-Dichloroethene	3.353	96	936	0.131	ug/L	88
22) cis-1,2-Dichloroethene	4.671	96	6788	0.858	ug/L	94
35) Methylcyclohexane	6.691	83	11248	1.130	ug/L #	18
37) 1,2-Dichloropropane	6.691	63	5275	0.621	ug/L #	89
39) cis-1,3-Dichloropropene	7.572	75	1034	0.093	ug/L #	72
61) 1,2,3-Trichloropropane	11.809	75	4246	0.885	ug/L #	68

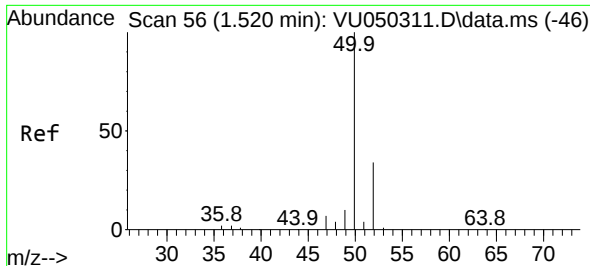
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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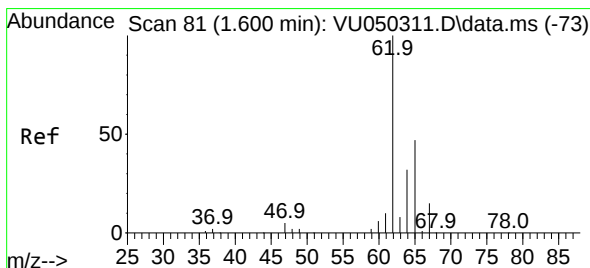
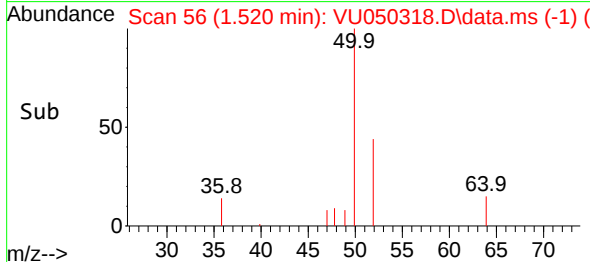
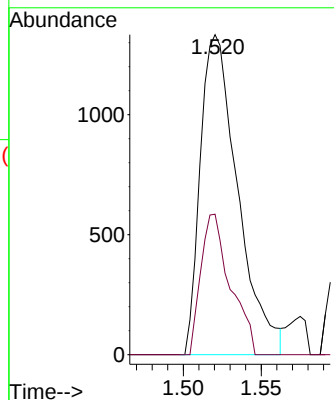
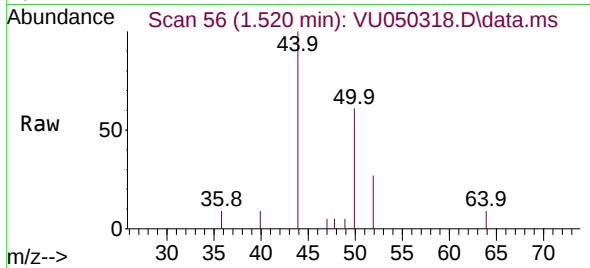




#3
Chloromethane
Concen: 0.201 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050318.D
Acq: 13 Aug 2022 15:01

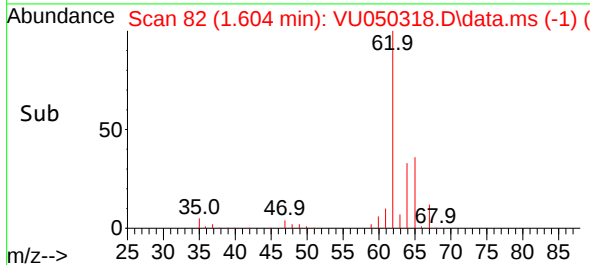
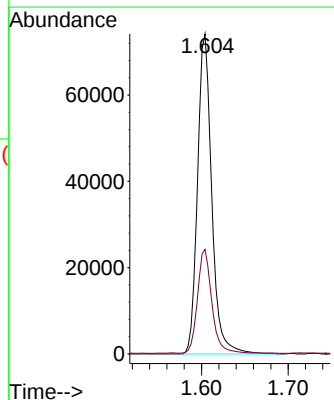
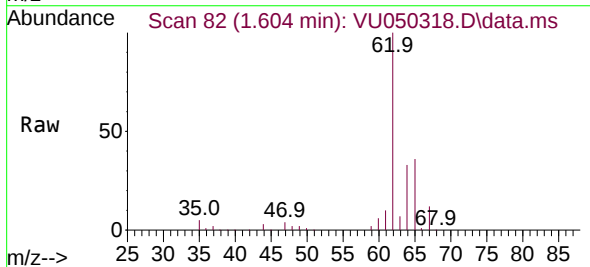
Instrument :
MSVOA_U
ClientSampleId :
F5E44DL

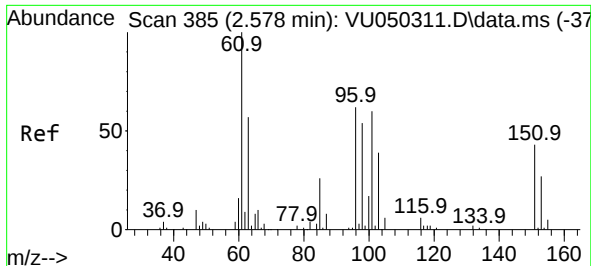
Tgt Ion: 50 Resp: 2221
Ion Ratio Lower Upper
50 100
52 43.9 23.2 43.2#



#5
Vinyl chloride
Concen: 8.543 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.004 min
Lab File: VU050318.D
Acq: 13 Aug 2022 15:01

Tgt Ion: 62 Resp: 84520
Ion Ratio Lower Upper
62 100
64 32.7 22.8 42.4

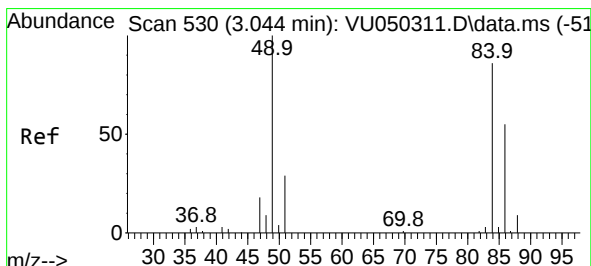
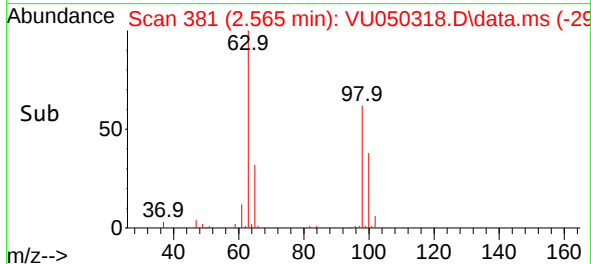
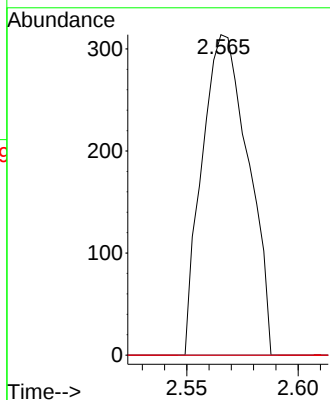
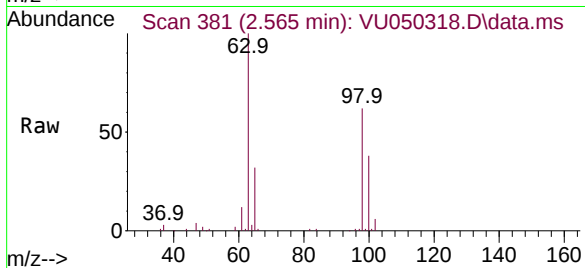




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050318.D
Acq: 13 Aug 2022 15:01

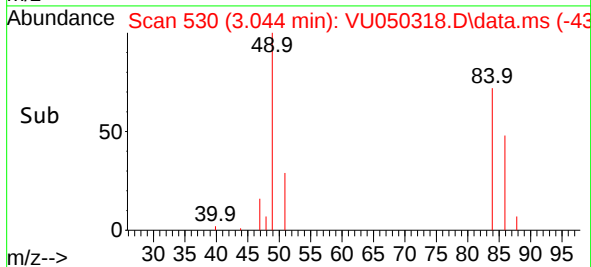
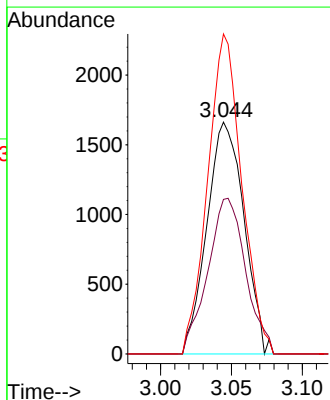
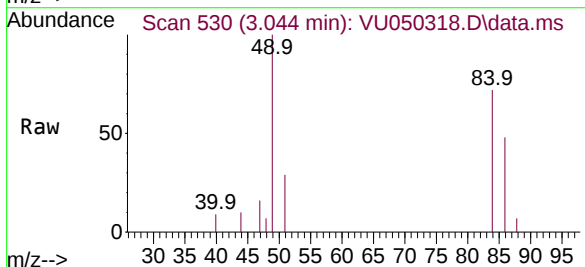
Instrument :
MSVOA_U
ClientSampleId :
F5E44DL

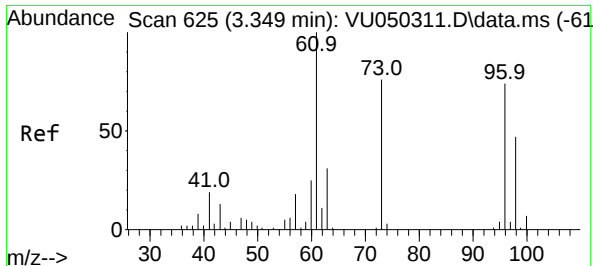
Tgt Ion:101 Resp: 454
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#16
Methylene chloride
Concen: 0.311 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050318.D
Acq: 13 Aug 2022 15:01

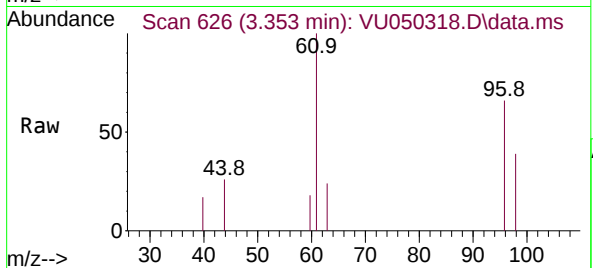
Tgt Ion: 84 Resp: 3029
Ion Ratio Lower Upper
84 100
86 66.7 45.9 85.3
49 138.0 77.6 144.0



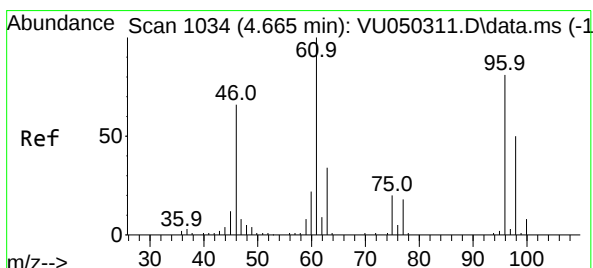
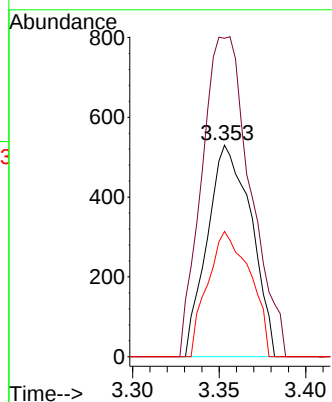
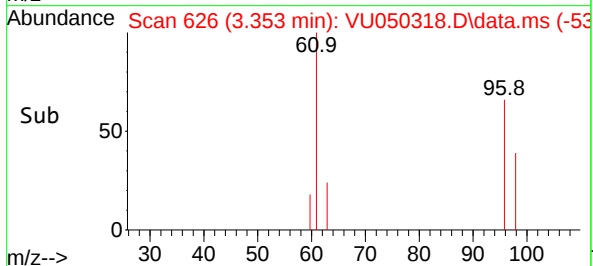


#18
trans-1,2-Dichloroethene
Concen: 0.131 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU050318.D
Acq: 13 Aug 2022 15:01

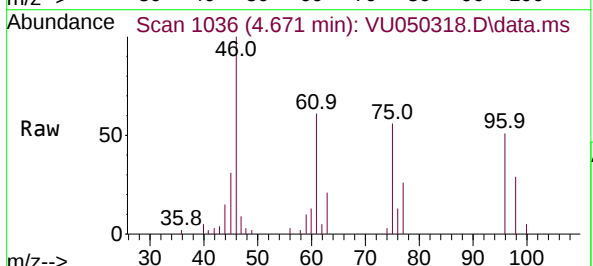
Instrument :
MSVOA_U
ClientSampleId :
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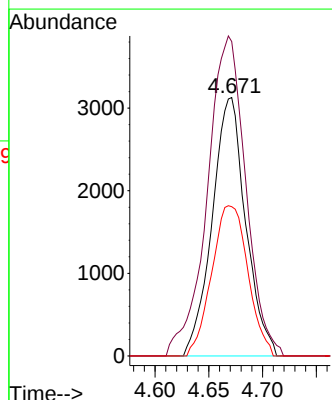
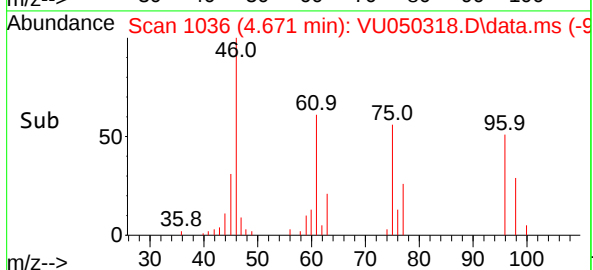
Tgt Ion: 96 Resp: 936
Ion Ratio Lower Upper
96 100
61 150.6 92.3 171.5
98 59.2 43.2 80.2

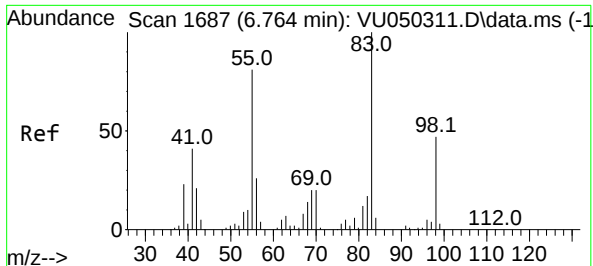


#22
cis-1,2-Dichloroethene
Concen: 0.858 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VU050318.D
Acq: 13 Aug 2022 15:01



Tgt Ion: 96 Resp: 6788
Ion Ratio Lower Upper
96 100
61 121.6 89.0 165.4
98 57.7 45.2 84.0

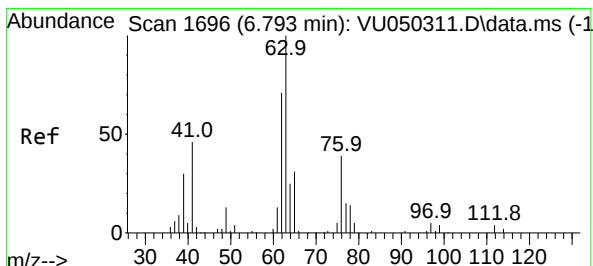
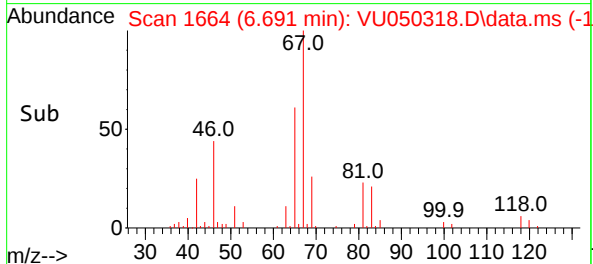
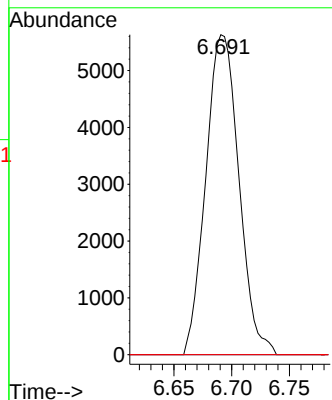
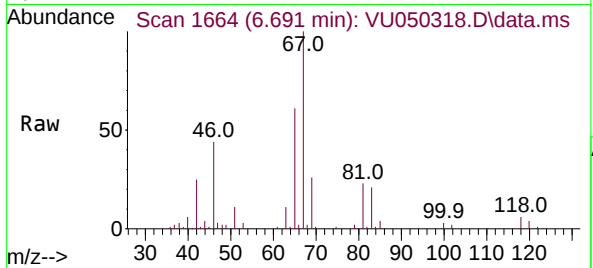




#35
Methylcyclohexane
Concen: 1.130 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050318.D
Acq: 13 Aug 2022 15:01

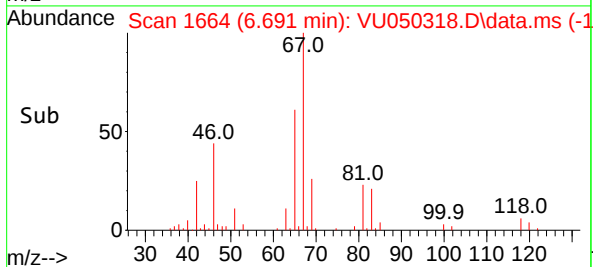
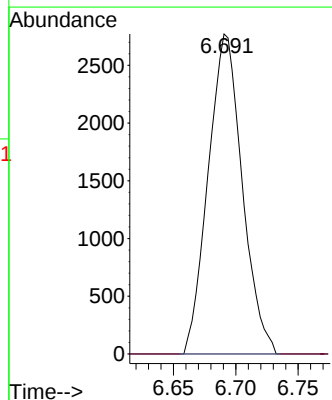
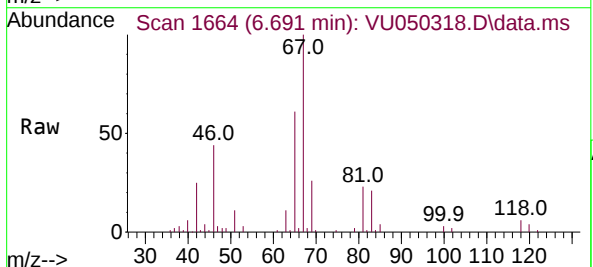
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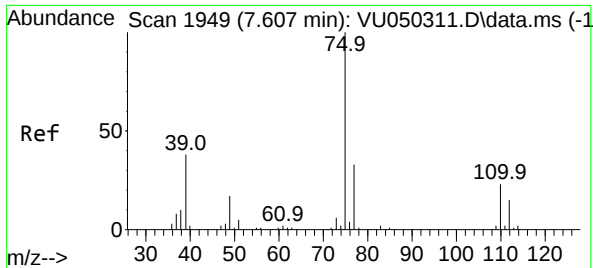
Tgt Ion: 83 Resp: 11248
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.2 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050318.D
Acq: 13 Aug 2022 15:01

Tgt Ion: 63 Resp: 5275
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.572 min Scan# 11

Delta R.T. -0.035 min

Lab File: VU050318.D

Acq: 13 Aug 2022 15:01

Instrument :

MSVOA_U

ClientSampleId :

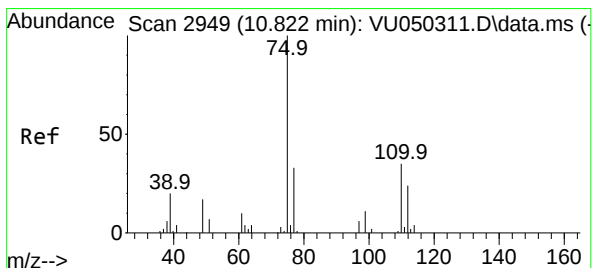
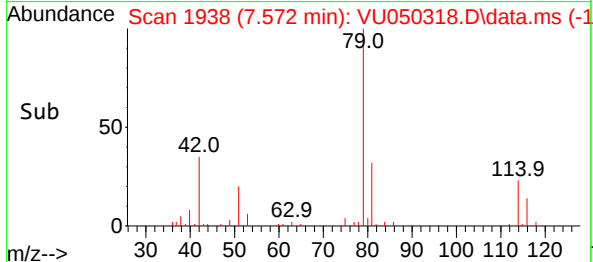
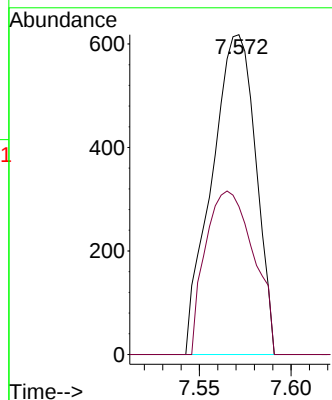
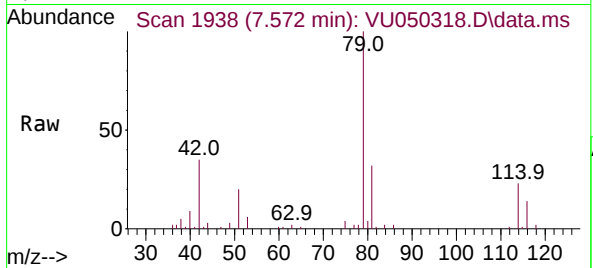
F5E44DL

Tgt Ion: 75 Resp: 1034

Ion Ratio Lower Upper

75 100

77 46.3 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 0.885 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU050318.D

Acq: 13 Aug 2022 15:01

Tgt Ion: 75 Resp: 4246

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 32.8 25.8 38.6

