

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050066.D
 Acq On : 04 Aug 2022 17:18
 Operator : SY/MD
 Sample : N4022-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D55

Quant Time: Aug 05 04:53:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.250	114	79746	5.000 ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81207	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31682	5.000 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.597	65	34114	5.140 ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.800%	
7) Chloroethane-d5	1.912	69	28697	5.360 ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.200%	
11) 1,1-Dichloroethene-d2	2.562	65	13130	5.062 ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.200%	
20) 2-Butanone-d5	4.645	46	77489	47.881 ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 95.760%	
24) Chloroform-d	5.063	84	66624	5.397 ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.000%	
26) 1,2-Dichloroethane-d4	5.703	65	35554	5.610 ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.200%	
32) Benzene-d6	5.726	84	137076	5.409 ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.200%	
36) 1,2-Dichloropropane-d6	6.690	67	46694	5.595 ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 112.000%	
41) Toluene-d8	7.899	98	111378	4.976 ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.600%	
43) trans-1,3-Dichloroprop...	8.182	79	16032	5.361 ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.200%	
46) 2-Hexanone-d5	8.639	63	57342	54.072 ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.140%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40979	5.592 ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	38178	6.150 ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 123.000%#	

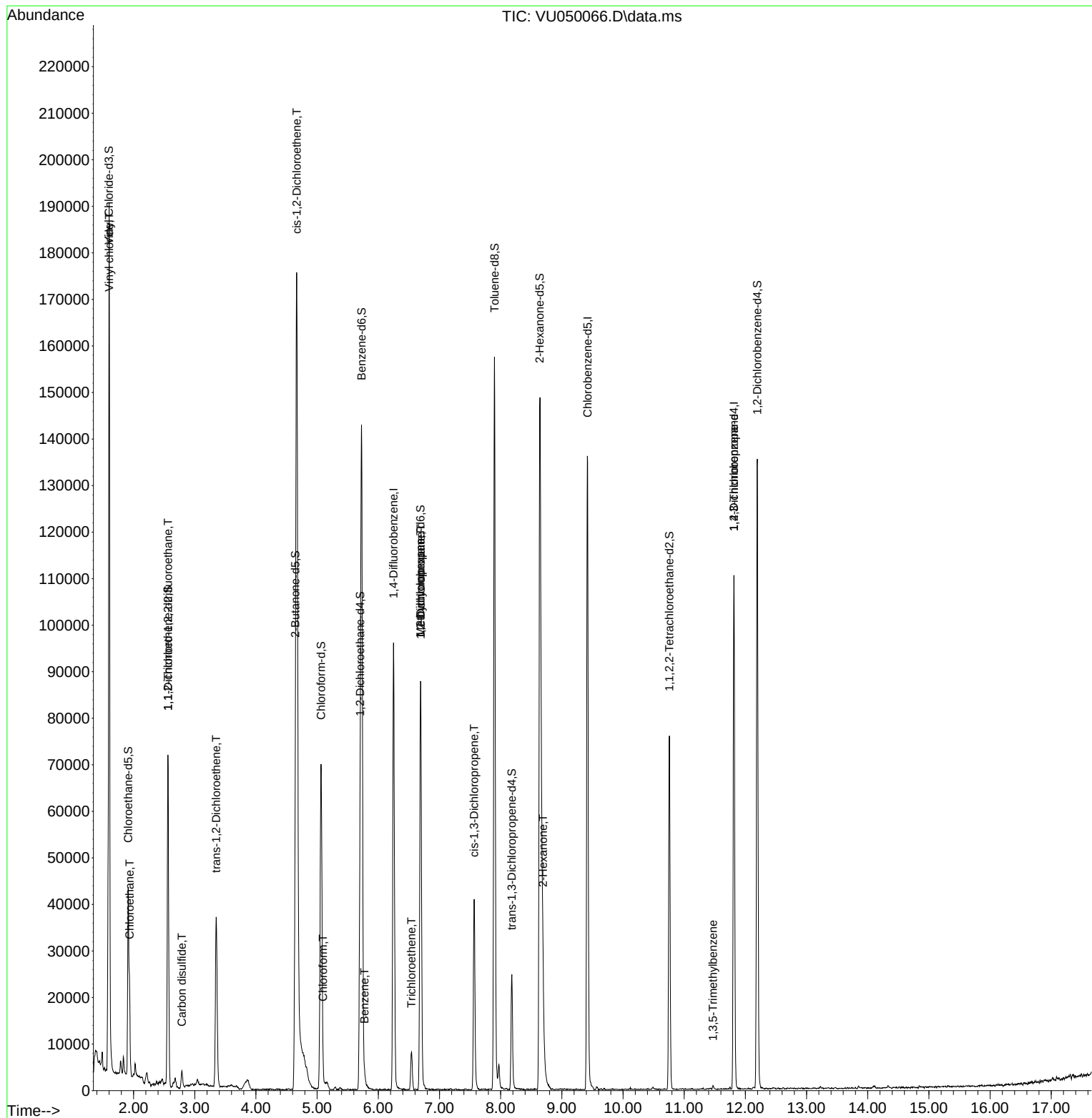
Target Compounds				Qvalue	
5) Vinyl chloride	1.601	62	102550	11.970 ug/L	99
8) Chloroethane	1.935	64	11090	2.197 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	337	0.065 ug/L #	22
14) Carbon disulfide	2.790	76	5058	0.257 ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	16247	2.632 ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	84669	12.360 ug/L	97
25) Chloroform	5.096	83	66	0.005 ug/L #	17
33) Benzene	5.774	78	1733	0.061 ug/L	100
34) Trichloroethene	6.542	95	2970	0.432 ug/L	94
35) Methylcyclohexane	6.690	83	10258	1.155 ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4618	0.609 ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	987	0.100 ug/L #	69
48) 2-Hexanone	8.690	43	14947	4.403 ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	3974	0.921 ug/L #	64
62) 1,3,5-Trimethylbenzene	11.472	105	793	0.133 ug/L #	71

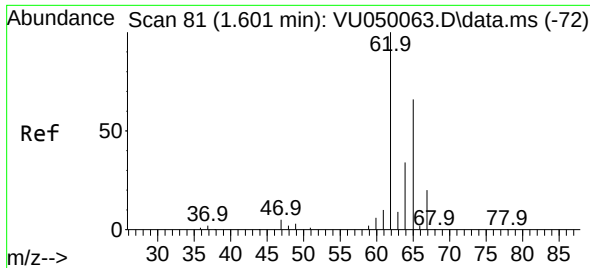
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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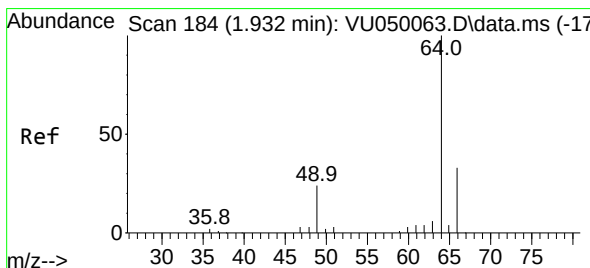
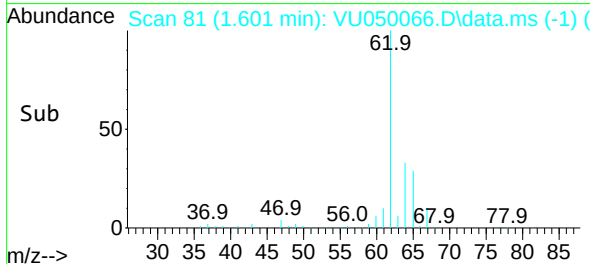
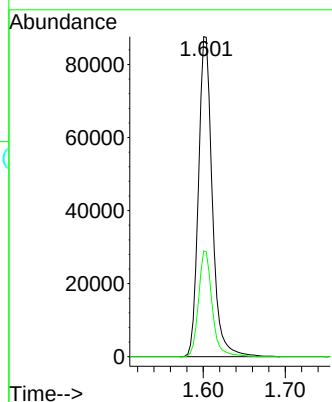
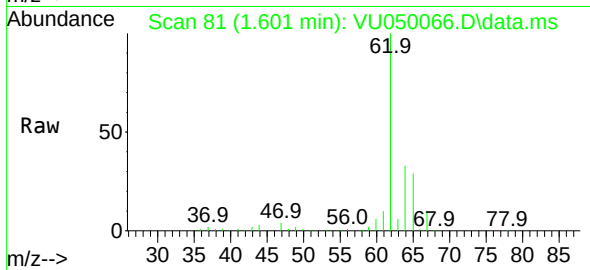




#5
 Vinyl chloride
 Concen: 11.970 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050066.D
 Acq: 04 Aug 2022 17:18

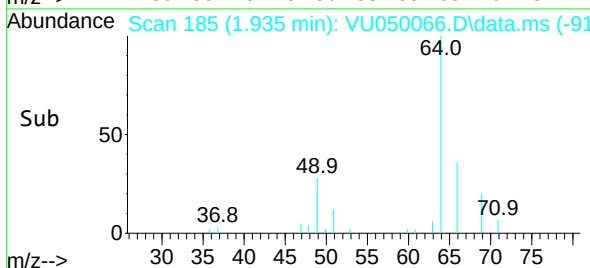
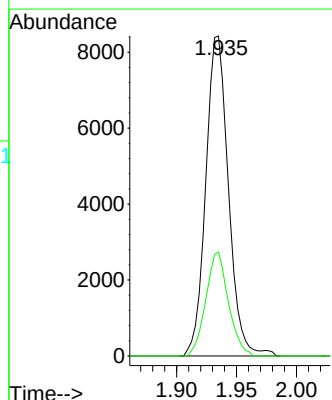
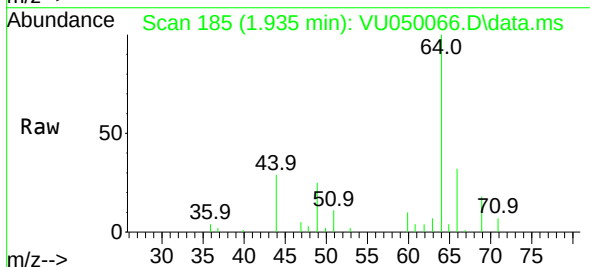
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D55

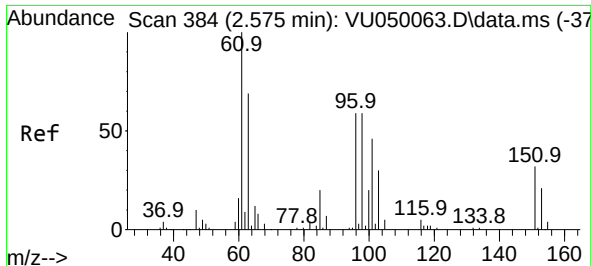
Tgt Ion: 62 Resp: 102550
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.8 42.4



#8
 Chloroethane
 Concen: 2.197 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. 0.003 min
 Lab File: VU050066.D
 Acq: 04 Aug 2022 17:18

Tgt Ion: 64 Resp: 11090
 Ion Ratio Lower Upper
 64 100
 66 32.5 22.8 42.4





#10

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

Concen: 0.065 ug/L

RT: 2.562 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU050066.D

Acq: 04 Aug 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

F5D55

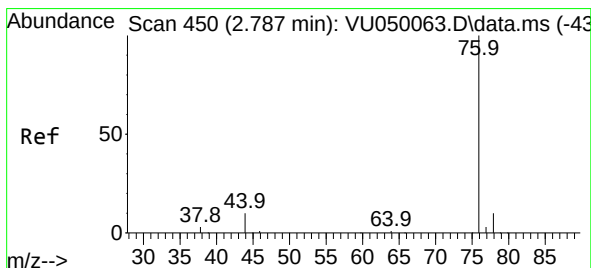
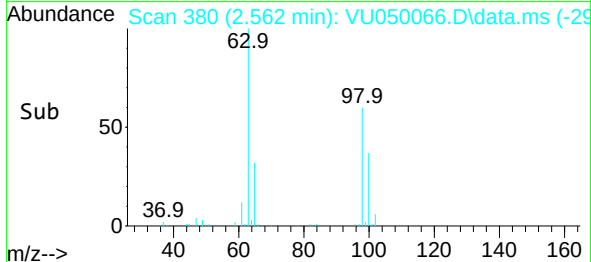
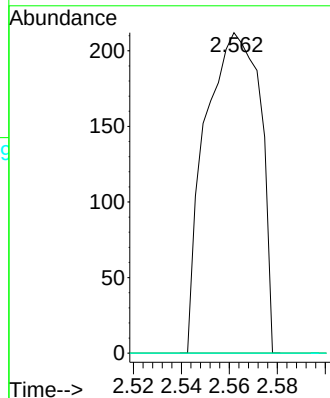
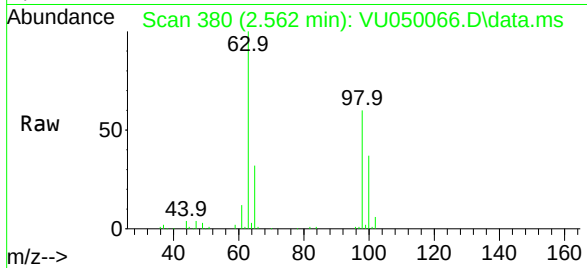
Tgt Ion:101 Resp: 337

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 55.2 82.8#



#14

Carbon disulfide

Concen: 0.257 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050066.D

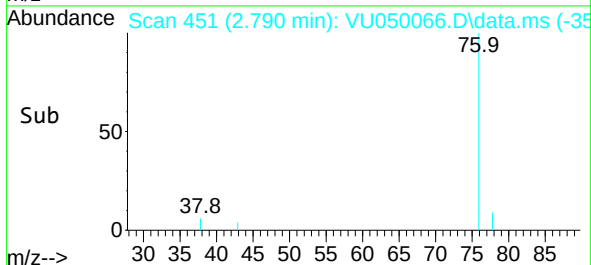
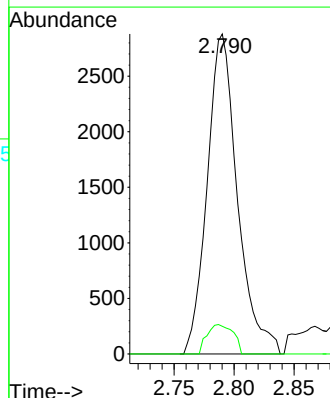
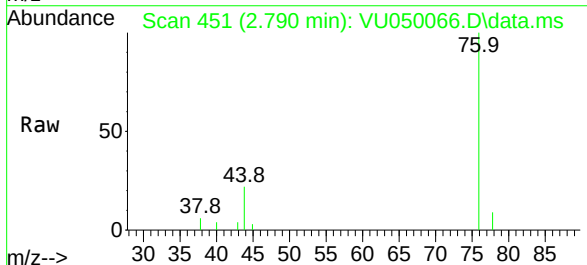
Acq: 04 Aug 2022 17:18

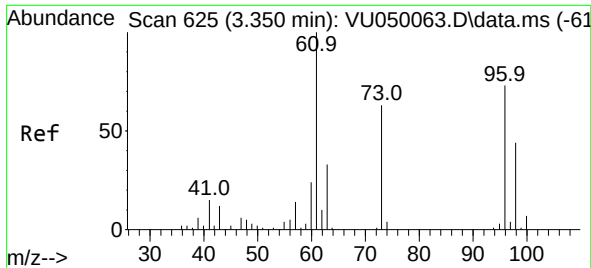
Tgt Ion: 76 Resp: 5058

Ion Ratio Lower Upper

76 100

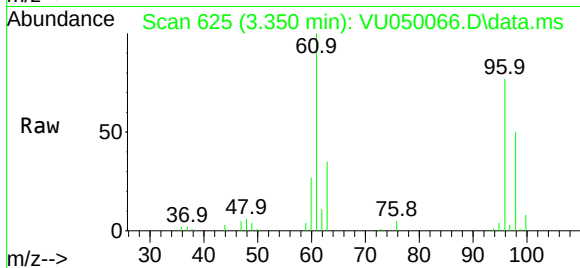
78 8.6 7.4 11.0



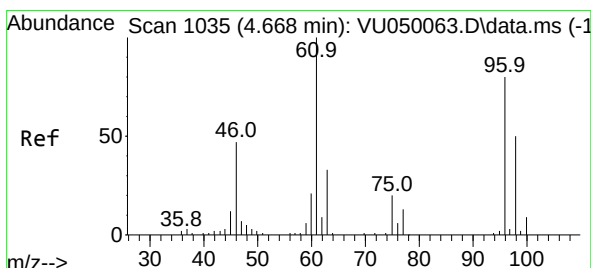
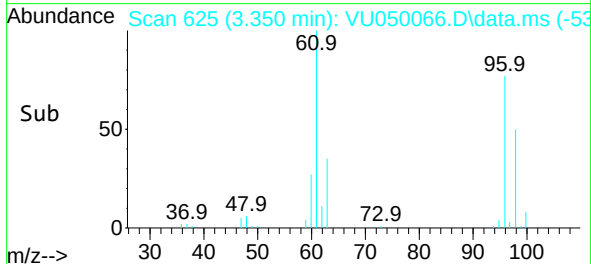
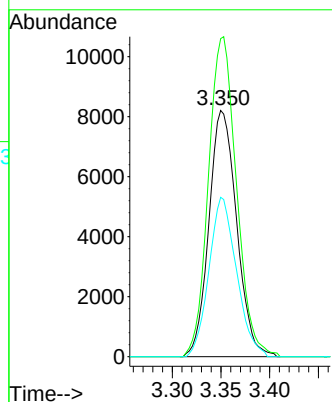


#18
trans-1,2-Dichloroethene
Concen: 2.632 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050066.D
Acq: 04 Aug 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
F5D55

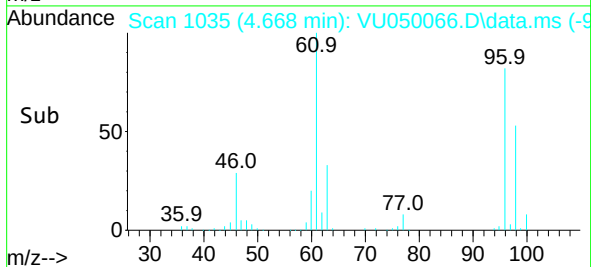
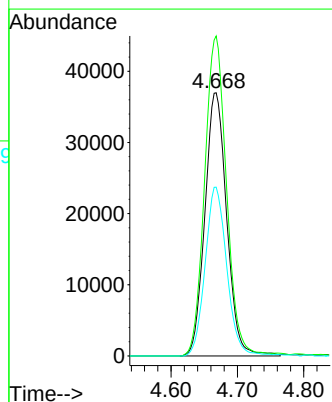
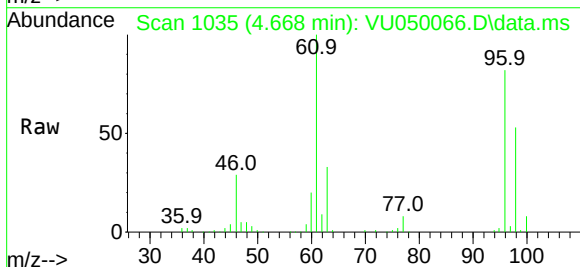


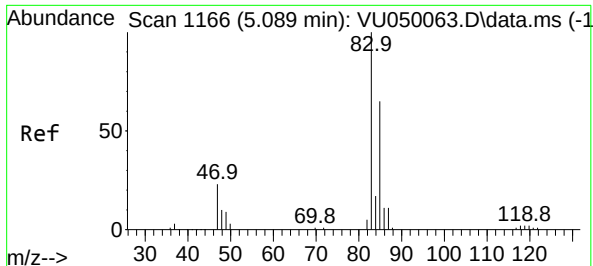
Tgt Ion: 96 Resp: 16247
Ion Ratio Lower Upper
96 100
61 129.1 92.3 171.5
98 64.7 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 12.360 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050066.D
Acq: 04 Aug 2022 17:18

Tgt Ion: 96 Resp: 84669
Ion Ratio Lower Upper
96 100
61 121.6 89.0 165.4
98 64.1 45.2 84.0





#25

Chloroform

Concen: 0.005 ug/L

RT: 5.096 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VU050066.D

Acq: 04 Aug 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

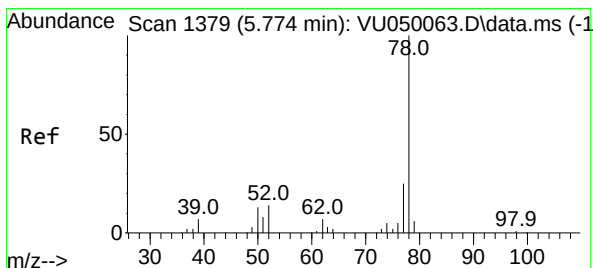
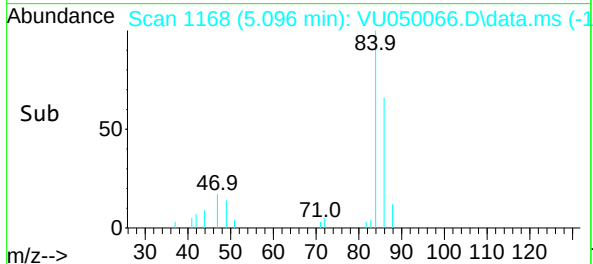
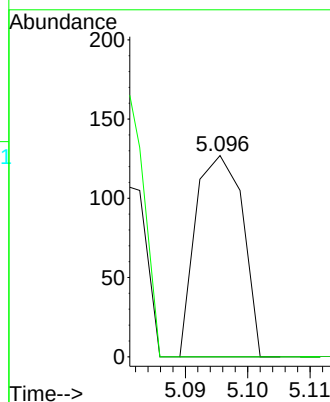
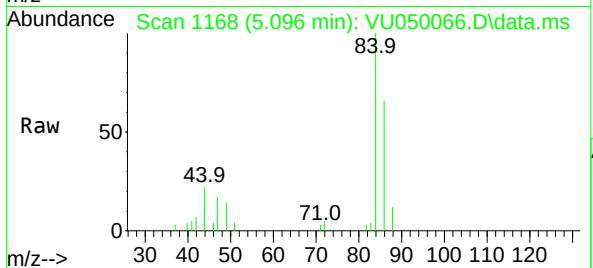
F5D55

Tgt Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

85 0.0 46.1 85.5#



#33

Benzene

Concen: 0.061 ug/L

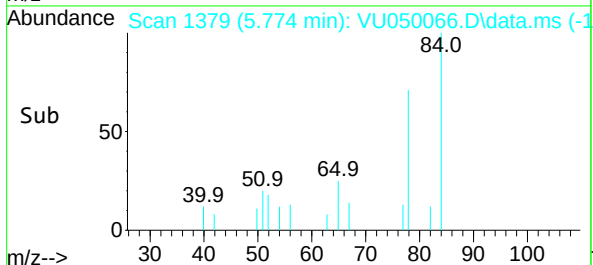
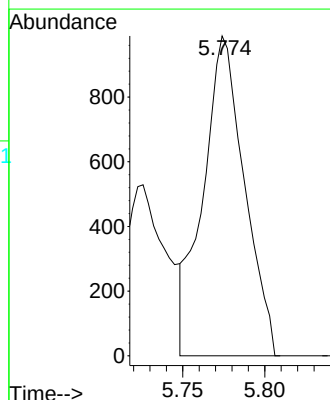
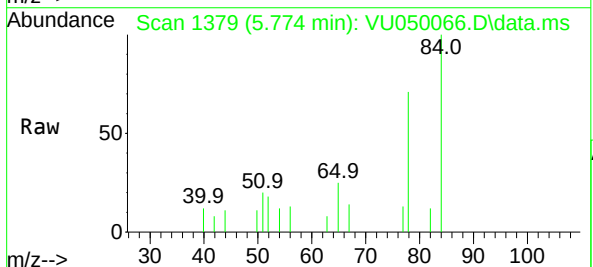
RT: 5.774 min Scan# 1379

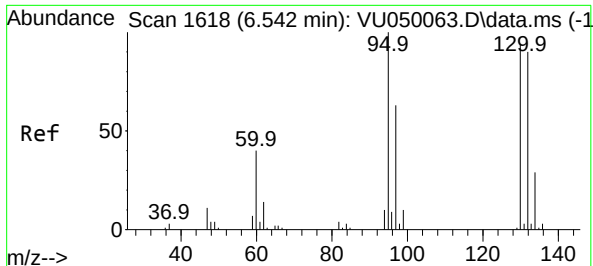
Delta R.T. 0.000 min

Lab File: VU050066.D

Acq: 04 Aug 2022 17:18

Tgt Ion: 78 Resp: 1733



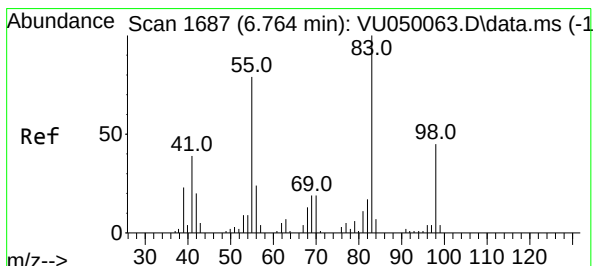
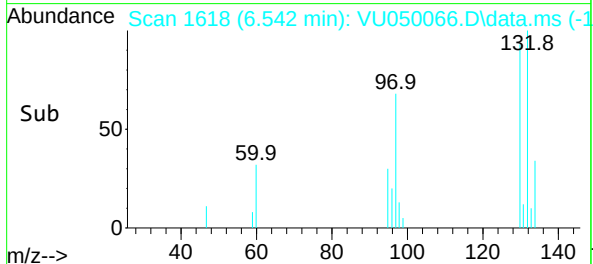
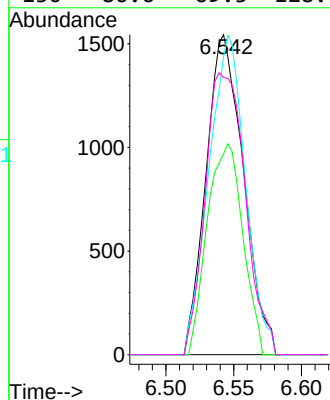
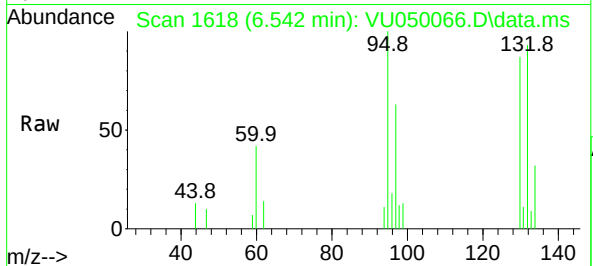


#34
Trichloroethene
Concen: 0.432 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050066.D
Acq: 04 Aug 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 2970

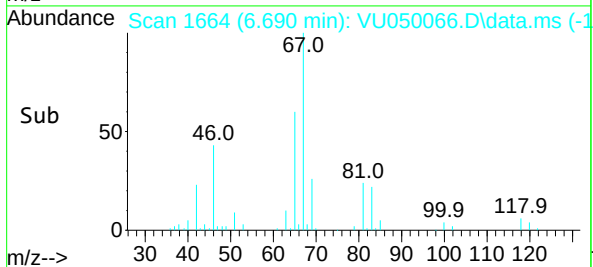
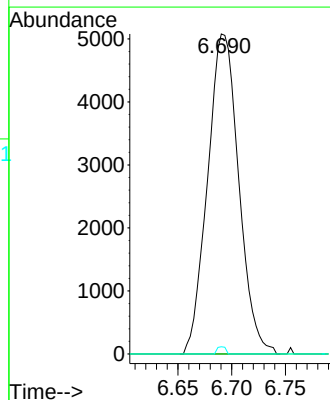
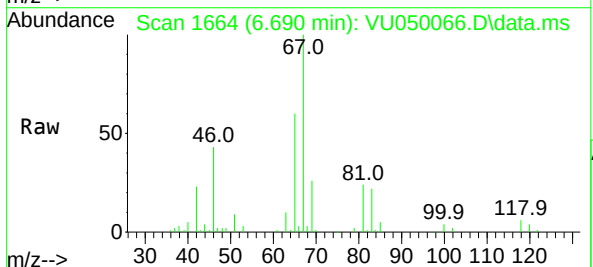
Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.6	84.8
132	92.9	65.0	120.6
130	86.6	69.3	128.7

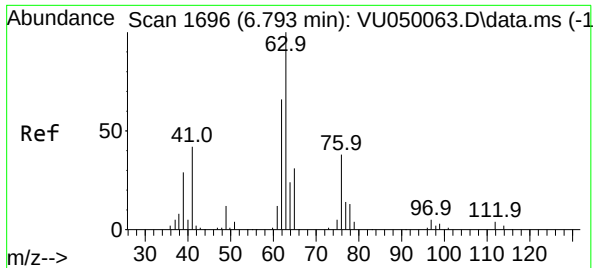


#35
Methylcyclohexane
Concen: 1.155 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050066.D
Acq: 04 Aug 2022 17:18

Tgt Ion: 83 Resp: 10258

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.6	36.2	54.2#

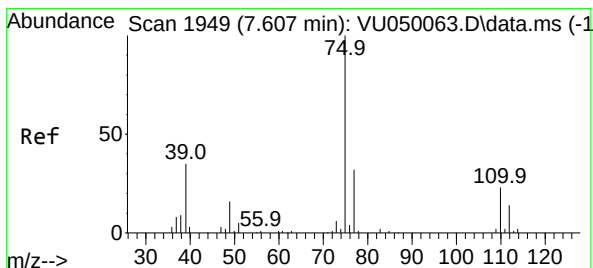
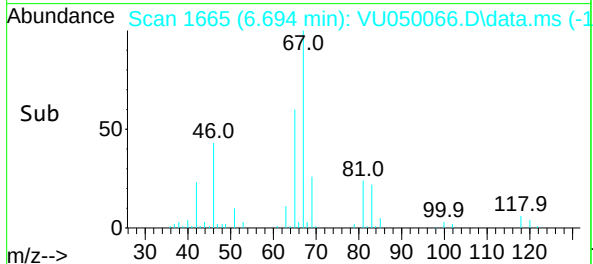
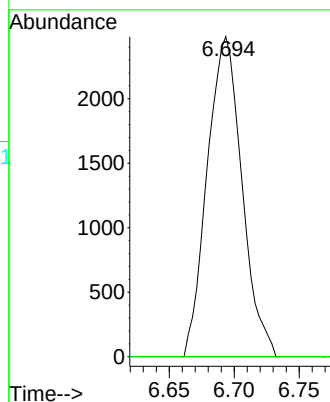
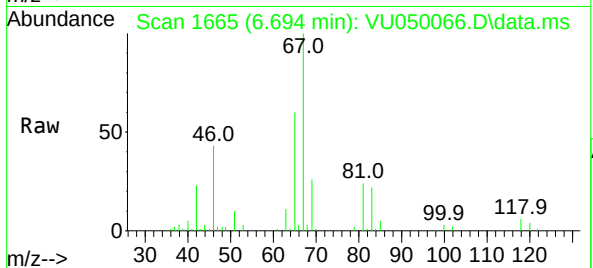




#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU050066.D
Acq: 04 Aug 2022 17:18

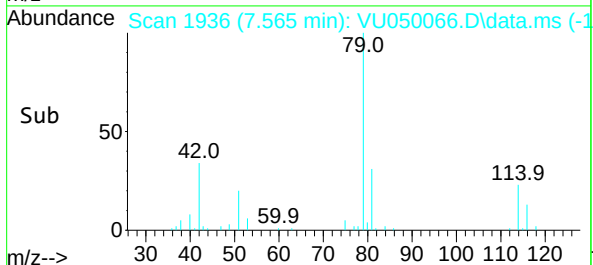
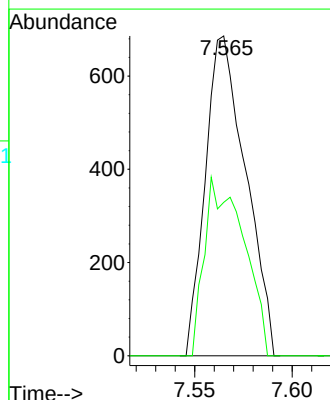
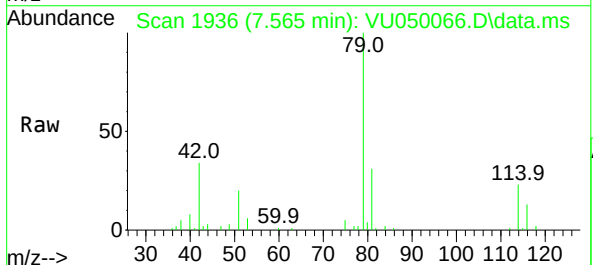
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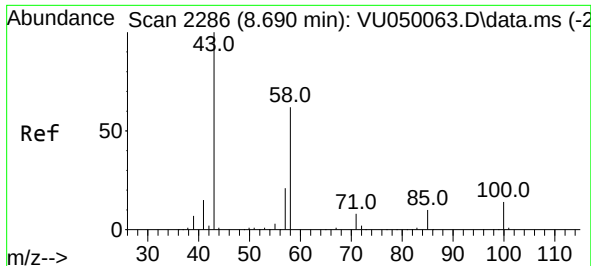
Tgt Ion: 63 Resp: 4618
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050066.D
Acq: 04 Aug 2022 17:18

Tgt Ion: 75 Resp: 987
Ion Ratio Lower Upper
75 100
77 48.0 21.8 40.4#

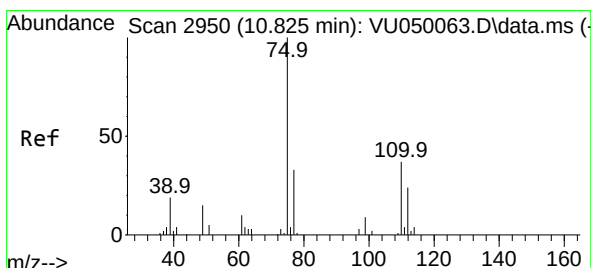
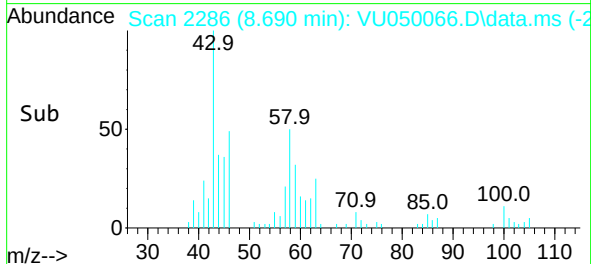
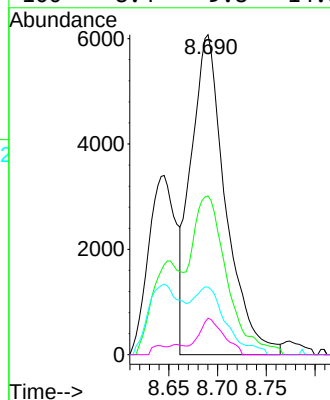
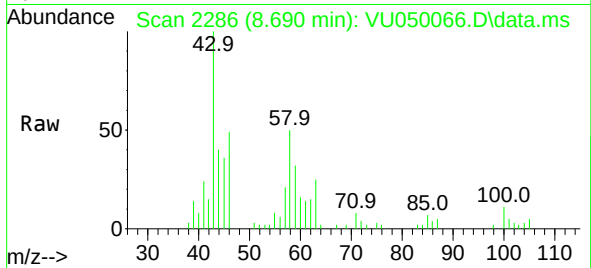




#48
2-Hexanone
Concen: 4.403 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050066.D
Acq: 04 Aug 2022 17:18

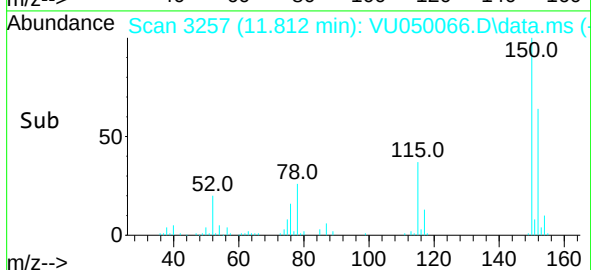
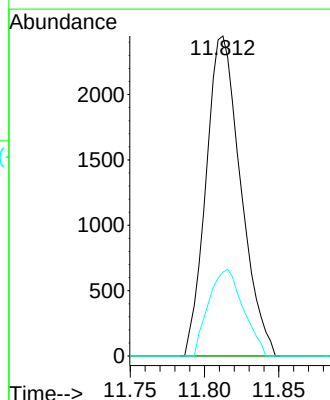
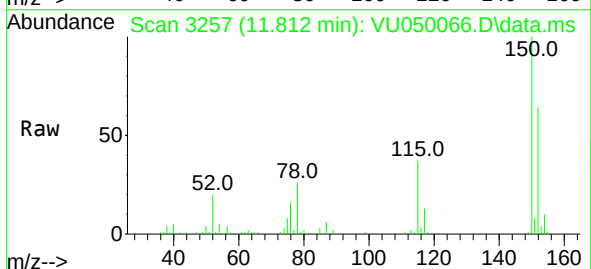
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ClientSampleId :
F5D55

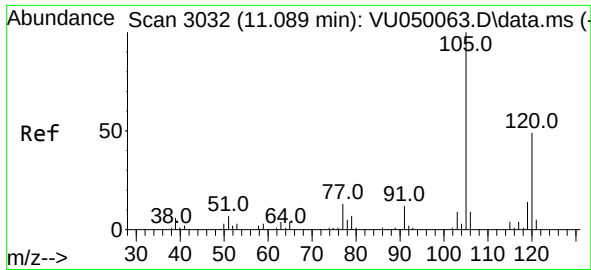
Tgt Ion: 43	Resp: 14947
Ion Ratio	Lower Upper
43 100	
58 51.1	50.6 76.0
57 19.7	16.0 24.0
100 8.4	9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.921 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050066.D
Acq: 04 Aug 2022 17:18

Tgt Ion: 75	Resp: 3974
Ion Ratio	Lower Upper
75 100	
110 0.0	28.5 42.7#
77 27.0	25.8 38.6





#62
 1,3,5-Trimethylbenzene
 Concen: 0.133 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.383 min
 Lab File: VU050066.D
 Acq: 04 Aug 2022 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D55

Tgt Ion:105 Resp: 793
 Ion Ratio Lower Upper
 105 100
 120 28.8 38.9 58.3#

