

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050201.D
 Acq On : 10 Aug 2022 00:23
 Operator : SY/MD
 Sample : N4076-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 06:35:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	40607	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	38871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	13976	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28212	8.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	167.000%#
7) Chloroethane-d5	1.909	69	18782	6.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	137.800%#
11) 1,1-Dichloroethene-d2	2.565	65	9147	6.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	138.600%#
20) 2-Butanone-d5	4.623	46	80763	98.003	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	196.000%#
24) Chloroform-d	5.063	84	36883	5.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.400%
26) 1,2-Dichloroethane-d4	5.703	65	21753	6.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.800%#
32) Benzene-d6	5.729	84	72198	5.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.000%
36) 1,2-Dichloropropane-d6	6.694	67	25032	6.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.400%
41) Toluene-d8	7.899	98	54962	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.179	79	8071	5.638	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.800%
46) 2-Hexanone-d5	8.632	63	49743	97.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	195.980%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28170	8.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	160.600%#
66) 1,2-Dichlorobenzene-d4	12.195	152	18366	6.707	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	134.200%#

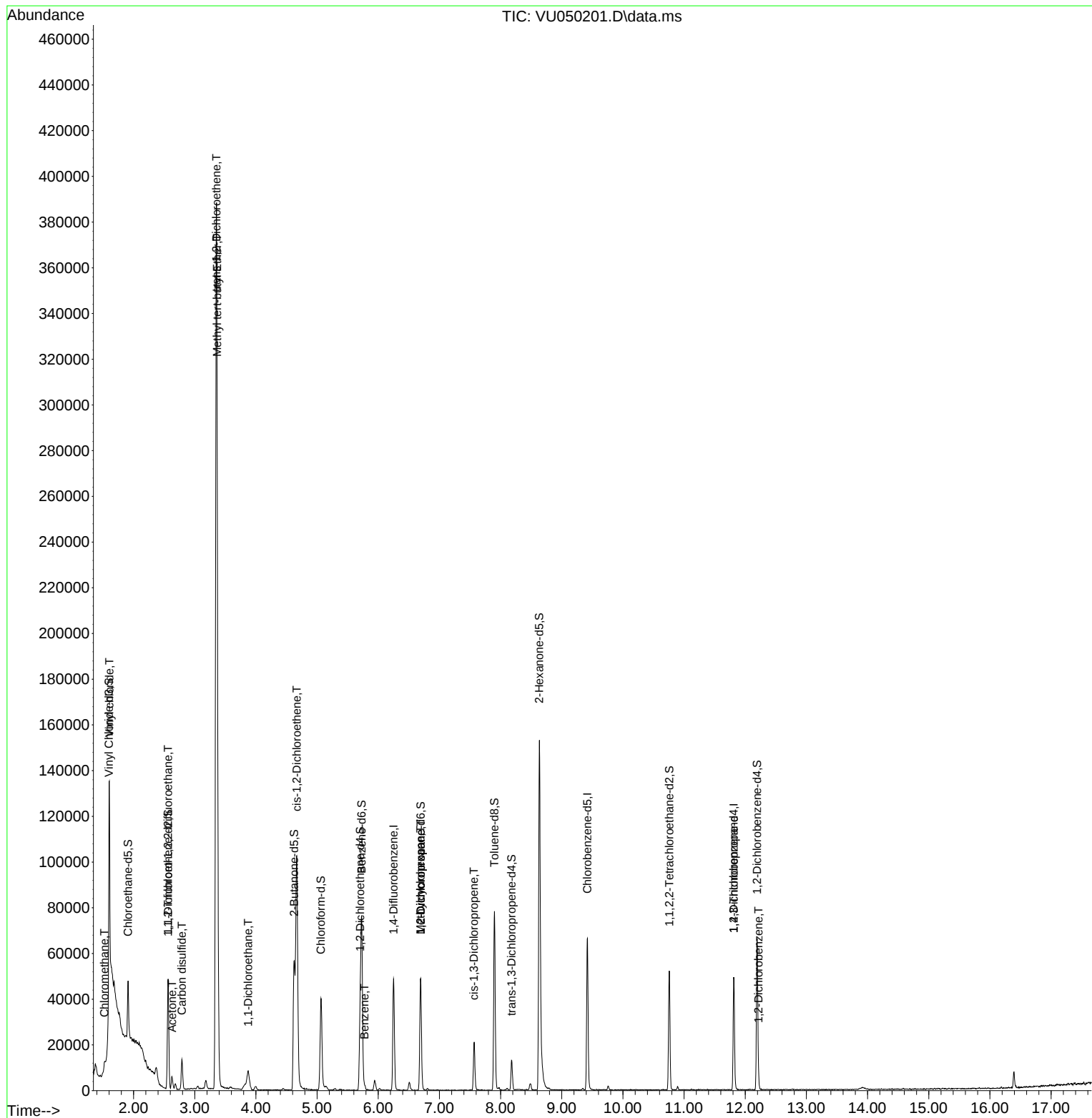
Target Compounds				Qvalue		
3) Chloromethane	1.523	50	1543	0.317	ug/L	99
5) Vinyl chloride	1.604	62	46853	10.740	ug/L #	3
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	307	0.116	ug/L #	1
13) Acetone	2.629	43	5808	12.655	ug/L	96
14) Carbon disulfide	2.790	76	17674	1.763	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	136136	18.583	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	124278	39.544	ug/L	96
19) 1,1-Dichloroethane	3.874	63	6127	1.029	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	52302	14.994	ug/L	99
33) Benzene	5.774	78	2087	0.153	ug/L	100
35) Methylcyclohexane	6.690	83	5183	1.219	ug/L #	22
37) 1,2-Dichloropropane	6.694	63	2505	0.691	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	462	0.098	ug/L #	53
61) 1,2,3-Trichloropropane	11.812	75	1865	0.980	ug/L #	62
67) 1,2-Dichlorobenzene	12.217	146	1126	0.247	ug/L #	90

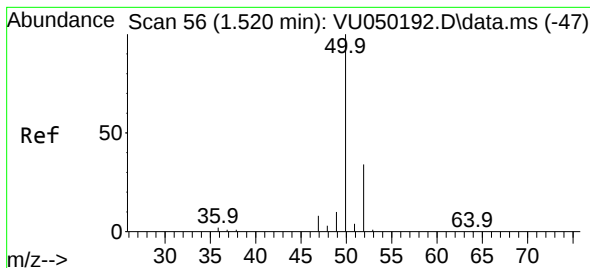
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.317 ug/L

RT: 1.523 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU050201.D

Acq: 10 Aug 2022 00:23

Instrument :

MSVOA_U

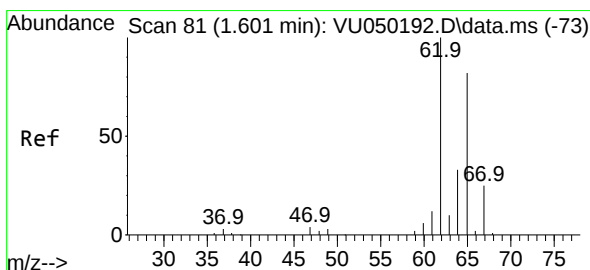
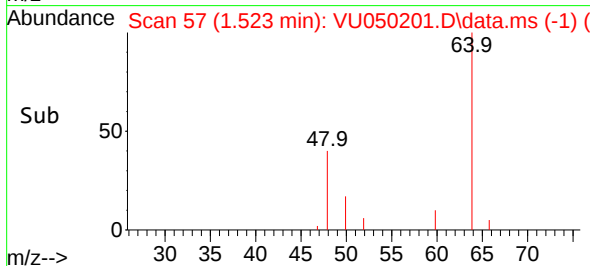
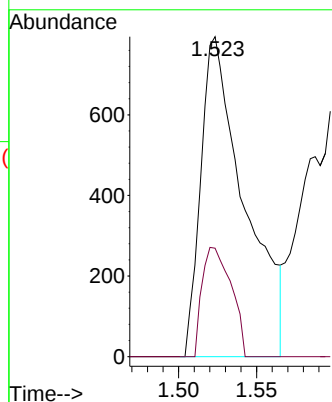
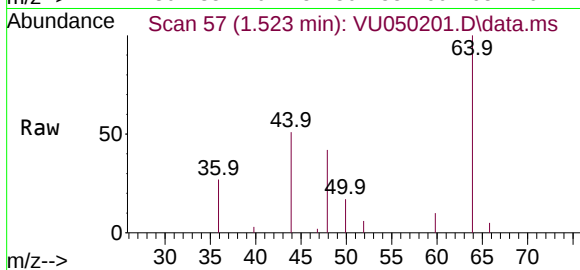
ClientSampleId :

Tgt Ion: 50 Resp: 1543

Ion Ratio Lower Upper

50 100

52 33.9 23.2 43.2



#5

Vinyl chloride

Concen: 10.740 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.003 min

Lab File: VU050201.D

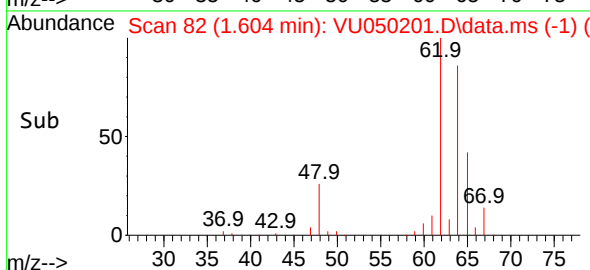
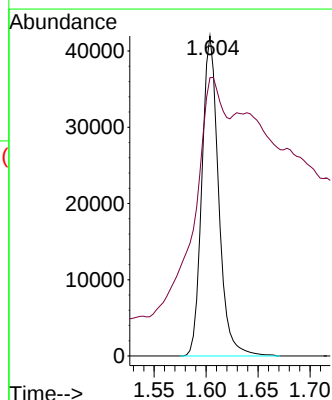
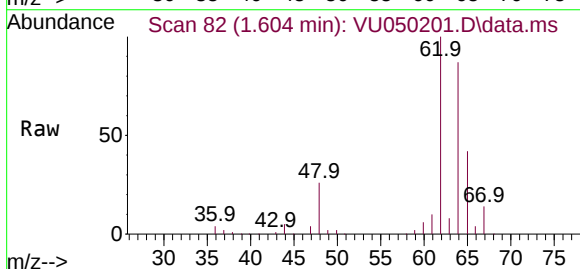
Acq: 10 Aug 2022 00:23

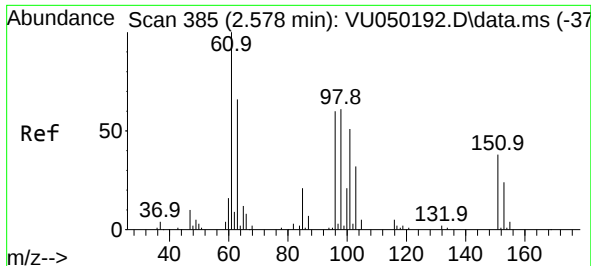
Tgt Ion: 62 Resp: 46853

Ion Ratio Lower Upper

62 100

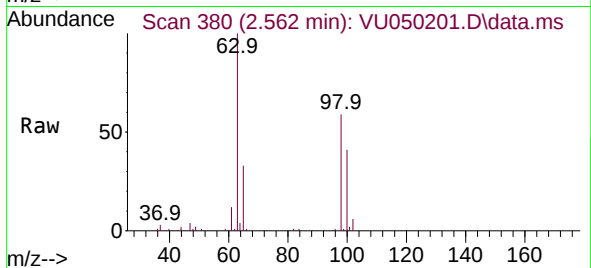
64 87.0 22.8 42.4#



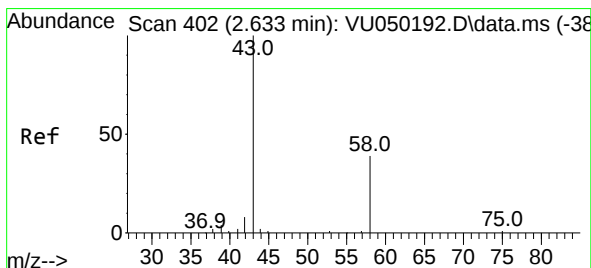
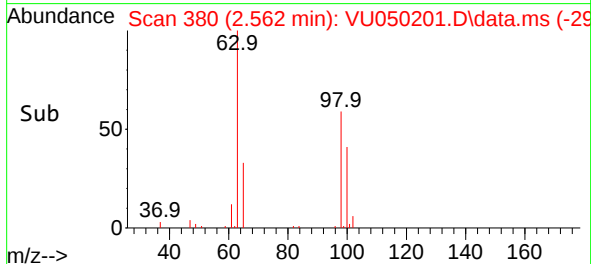
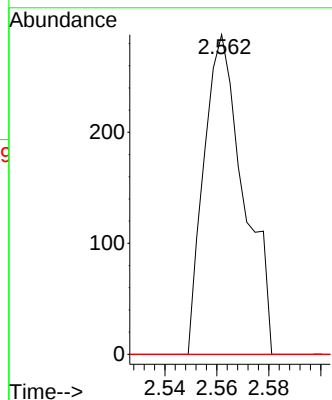


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.116 ug/L
 RT: 2.562 min Scan# 307
 Delta R.T. -0.016 min
 Lab File: VU050201.D
 Acq: 10 Aug 2022 00:23

Instrument :
 MSVOA_U
 ClientSampleId :

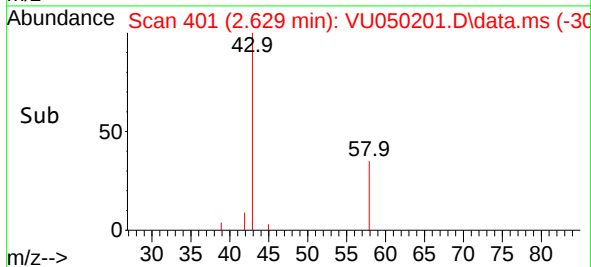
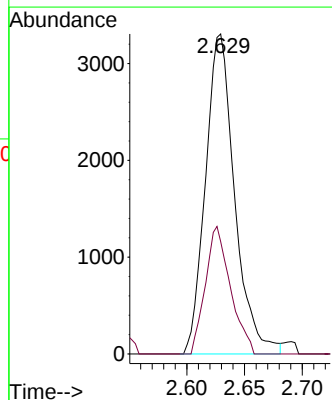
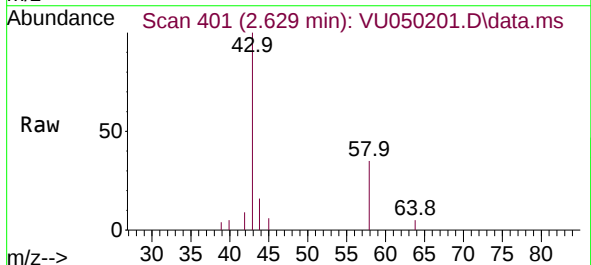


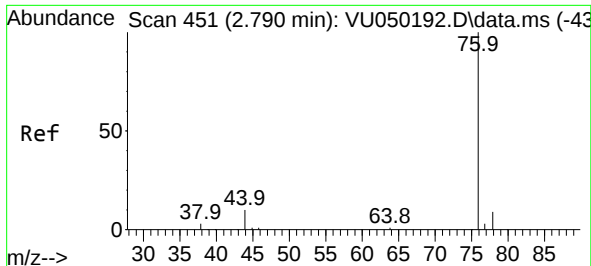
Tgt Ion:101 Resp: 307
 Ion Ratio Lower Upper
 101 100
 85 176.2 35.6 53.4#
 151 0.0 55.2 82.8#



#13
 Acetone
 Concen: 12.655 ug/L
 RT: 2.629 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU050201.D
 Acq: 10 Aug 2022 00:23

Tgt Ion: 43 Resp: 5808
 Ion Ratio Lower Upper
 43 100
 58 34.2 0.0 64.0





#14

Carbon disulfide

Concen: 1.763 ug/L

RT: 2.790 min Scan# 41

Delta R.T. -0.000 min

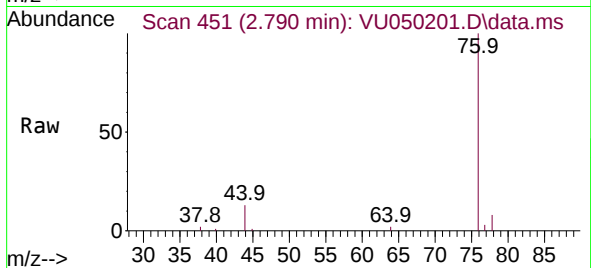
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Acq: 10 Aug 2022 00:23

Instrument :

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ClientSampleId :

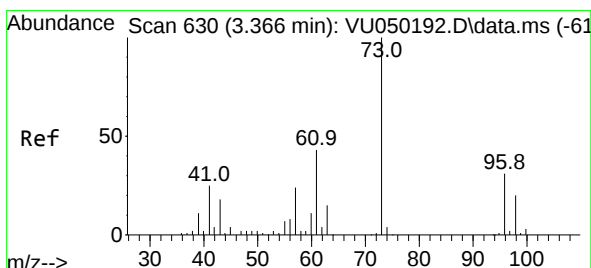
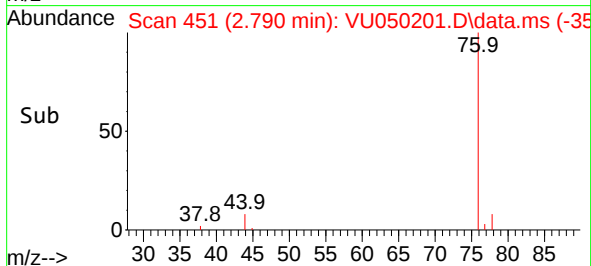
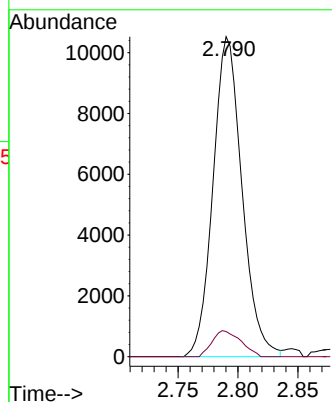


Tgt Ion: 76 Resp: 17674

Ion Ratio Lower Upper

76 100

78 7.9 7.4 11.0



#17

Methyl tert-butyl Ether

Concen: 18.583 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU050201.D

Acq: 10 Aug 2022 00:23

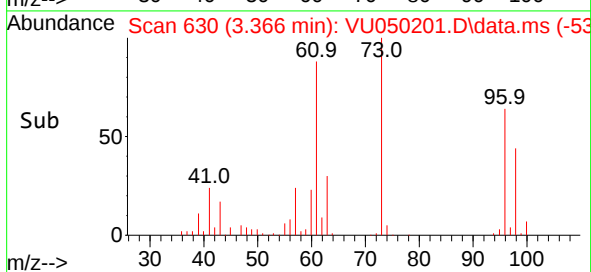
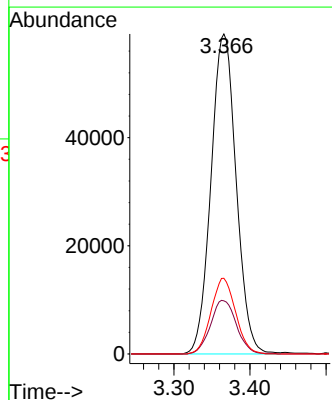
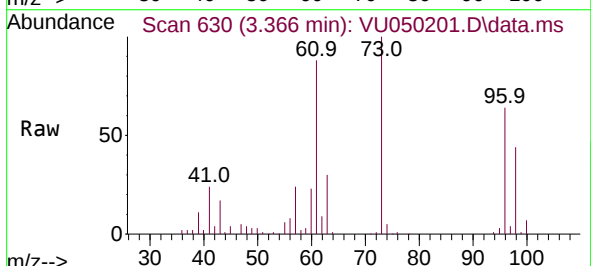
Tgt Ion: 73 Resp: 136136

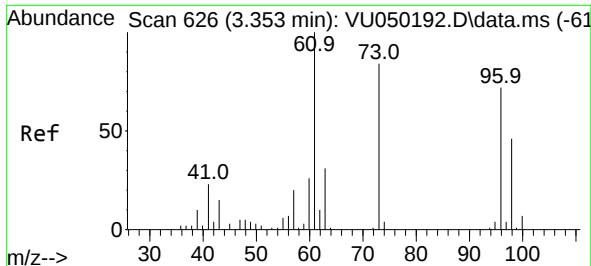
Ion Ratio Lower Upper

73 100

43 17.2 13.5 20.3

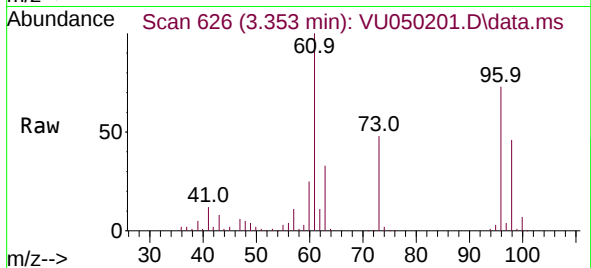
57 23.1 17.4 26.2



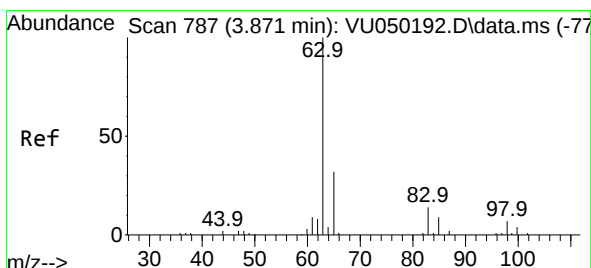
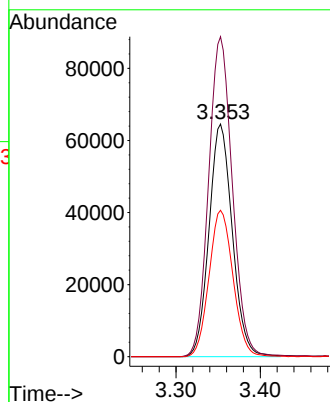
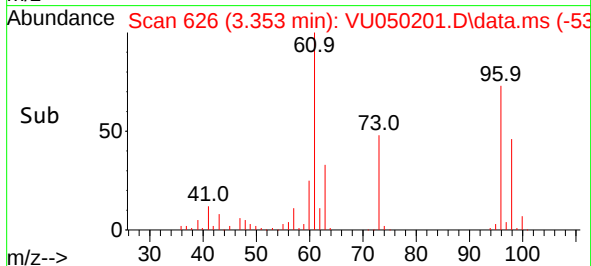


#18
trans-1,2-Dichloroethene
Concen: 39.544 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050201.D
Acq: 10 Aug 2022 00:23

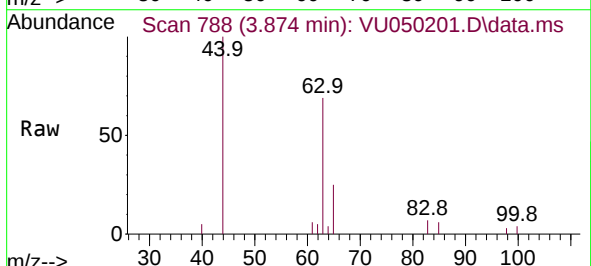
Instrument :
MSVOA_U
ClientSampleId :



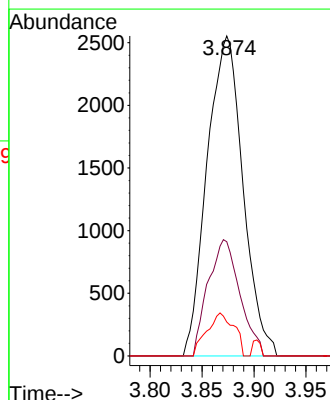
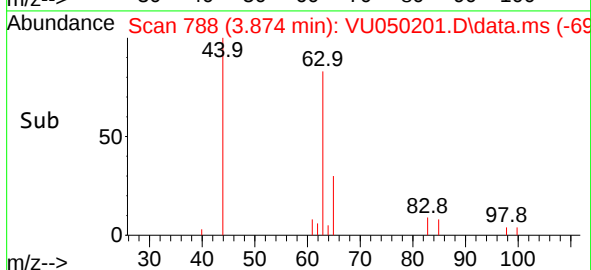
Tgt Ion: 96 Resp: 124278
Ion Ratio Lower Upper
96 100
61 137.5 92.3 171.5
98 62.9 43.2 80.2

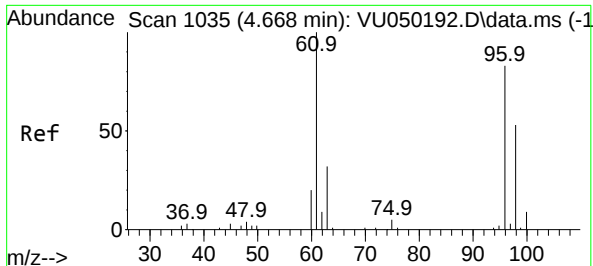


#19
1,1-Dichloroethane
Concen: 1.029 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU050201.D
Acq: 10 Aug 2022 00:23



Tgt Ion: 63 Resp: 6127
Ion Ratio Lower Upper
63 100
65 35.7 22.7 42.3
83 10.6 9.8 18.2

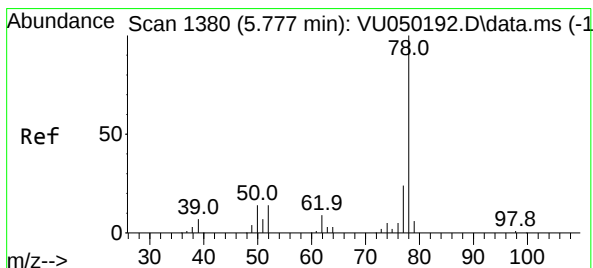
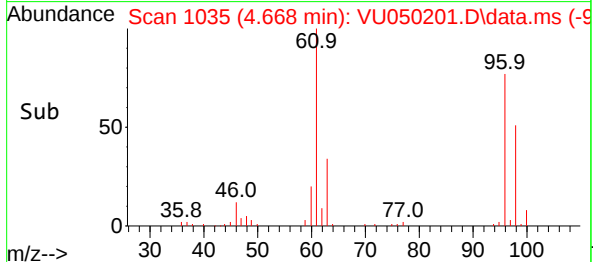
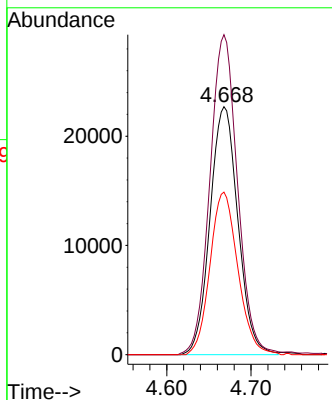
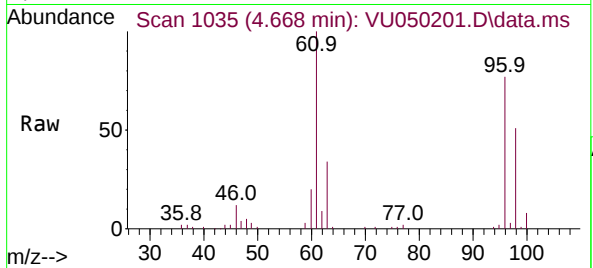




#22
 cis-1,2-Dichloroethene
 Concen: 14.994 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050201.D
 Acq: 10 Aug 2022 00:23

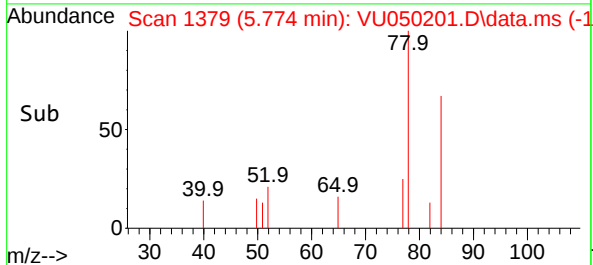
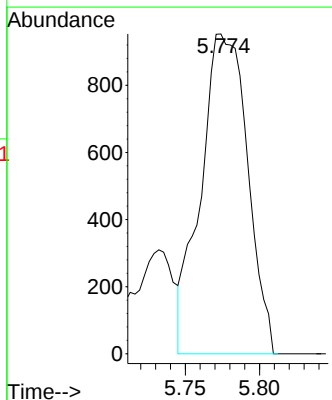
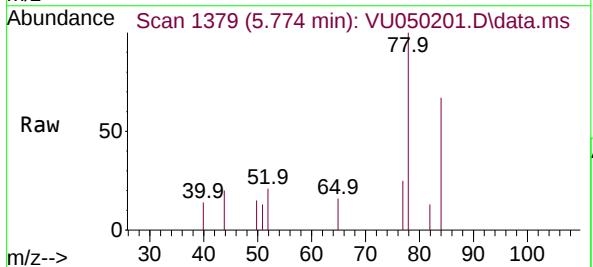
Instrument :
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 ClientSampleId :

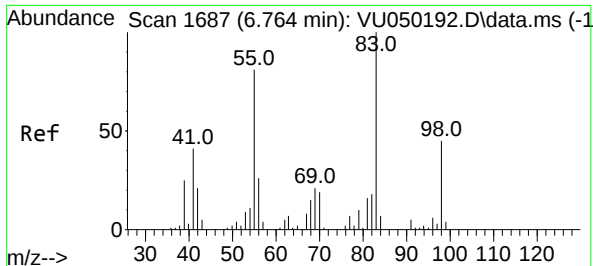
Tgt Ion: 96 Resp: 52302
 Ion Ratio Lower Upper
 96 100
 61 129.0 89.0 165.4
 98 65.6 45.2 84.0



#33
 Benzene
 Concen: 0.153 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. -0.003 min
 Lab File: VU050201.D
 Acq: 10 Aug 2022 00:23

Tgt Ion: 78 Resp: 2087

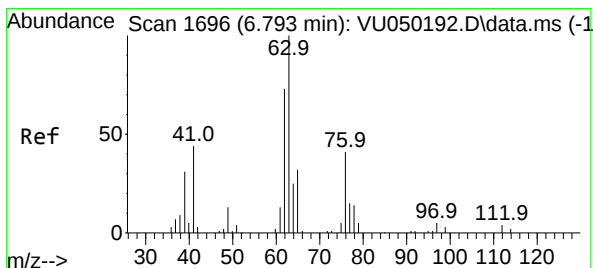
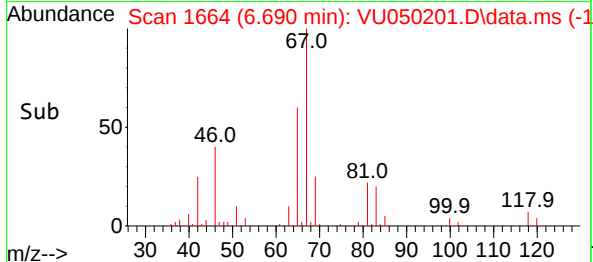
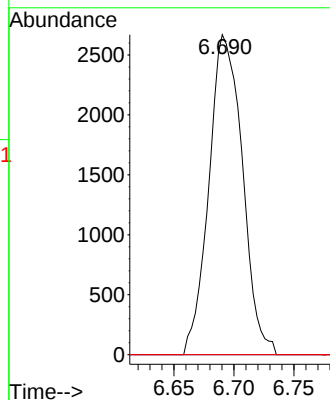
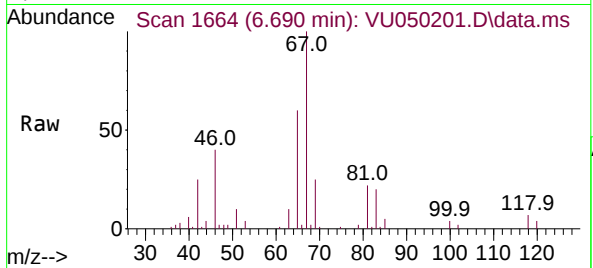




#35
Methylcyclohexane
Concen: 1.219 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050201.D
Acq: 10 Aug 2022 00:23

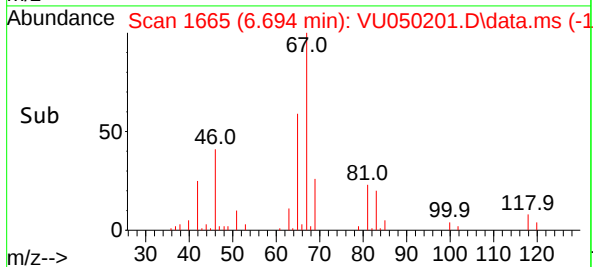
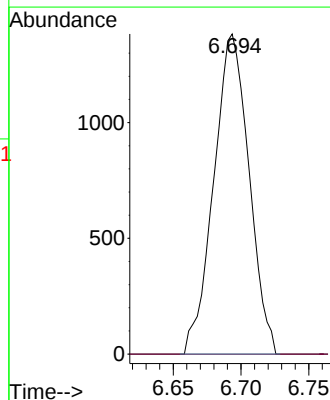
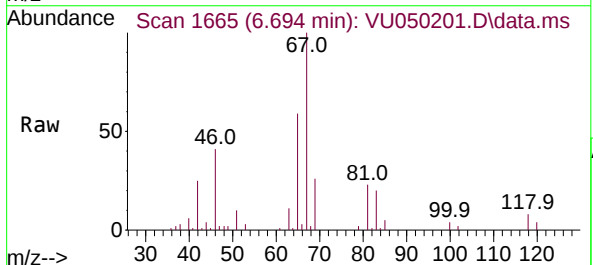
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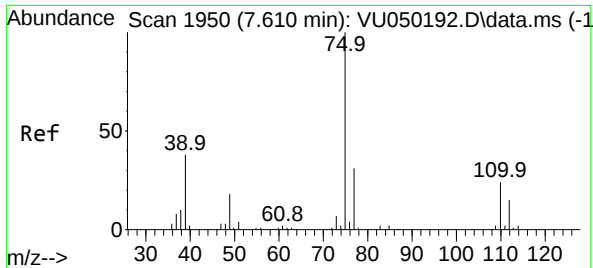
Tgt Ion: 83 Resp: 5183
Ion Ratio Lower Upper
83 100
55 5.3 62.7 94.1#
98 0.0 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU050201.D
Acq: 10 Aug 2022 00:23

Tgt Ion: 63 Resp: 2505
Ion Ratio Lower Upper
63 100
112 7.7 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU050201.D

Acq: 10 Aug 2022 00:23

Instrument :

MSVOA_U

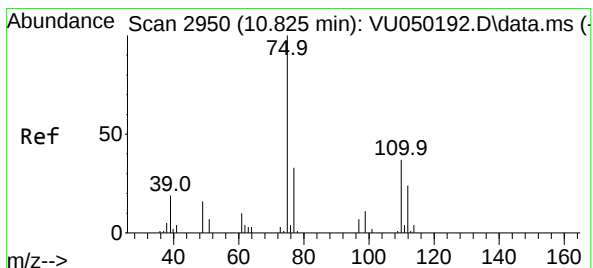
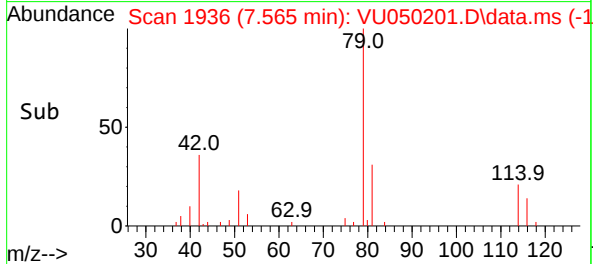
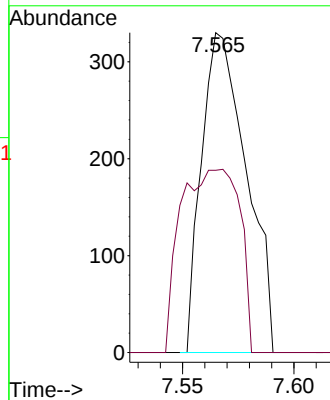
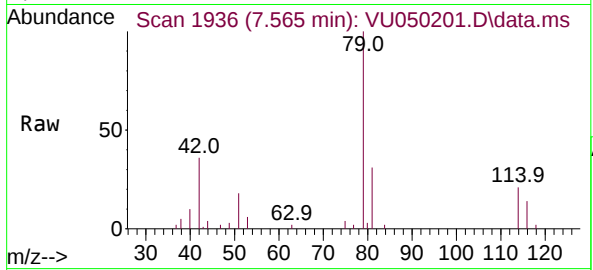
ClientSampleId :

Tgt Ion: 75 Resp: 462

Ion Ratio Lower Upper

75 100

77 57.0 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 0.980 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050201.D

Acq: 10 Aug 2022 00:23

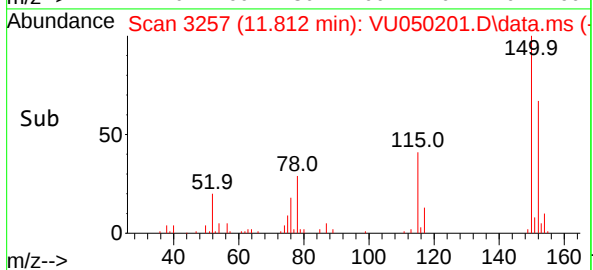
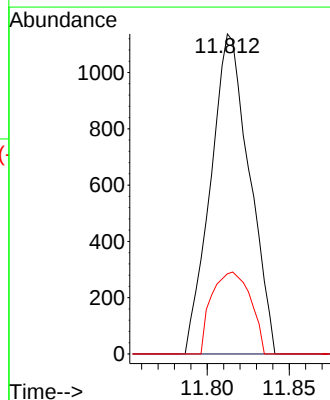
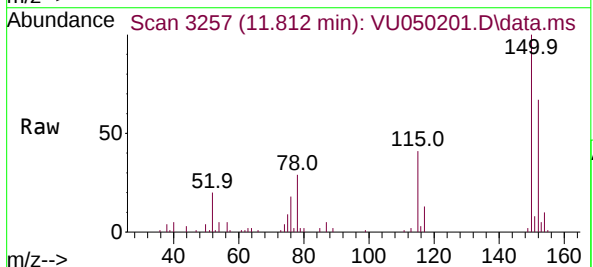
Tgt Ion: 75 Resp: 1865

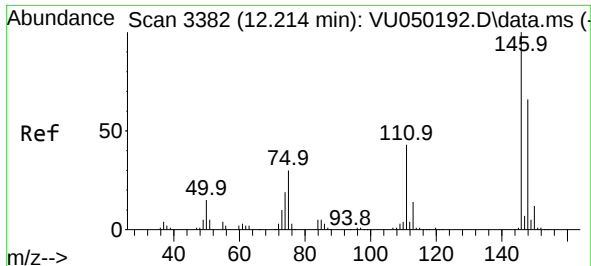
Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 25.6 25.8 38.6#





#67

1,2-Dichlorobenzene

Concen: 0.247 ug/L

RT: 12.217 min Scan# 31

Delta R.T. 0.003 min

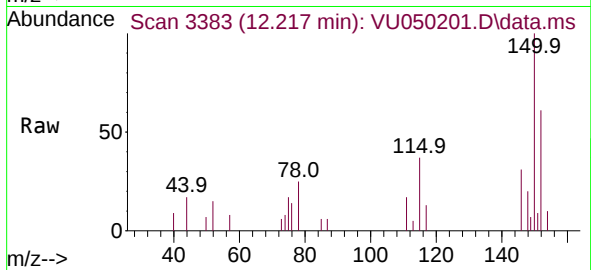
Lab File: VU050201.D

Acq: 10 Aug 2022 00:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 1126

Ion Ratio Lower Upper

146 100

111 54.2 32.9 49.3#

148 65.2 50.4 75.6

