

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050200.D
 Acq On : 09 Aug 2022 23:59
 Operator : SY/MD
 Sample : N4076-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

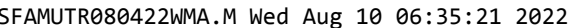
Quant Time: Aug 10 06:35:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

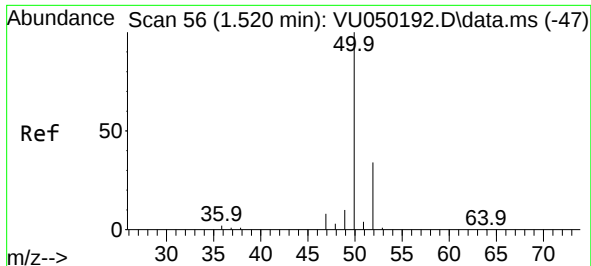
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	83982	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	45572	6.521	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 130.400%#		
7) Chloroethane-d5	1.909	69	34073	6.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 120.800%		
11) 1,1-Dichloroethene-d2	2.562	65	16263	5.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 119.000%		
20) 2-Butanone-d5	4.649	46	120718	70.830	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 141.660%#		
24) Chloroform-d	5.064	84	71880	5.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.600%		
26) 1,2-Dichloroethane-d4	5.703	65	36732	5.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.000%		
32) Benzene-d6	5.726	84	142311	5.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.800%		
36) 1,2-Dichloropropane-d6	6.694	67	47858	5.559	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.200%		
41) Toluene-d8	7.899	98	111981	4.850	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.000%		
43) trans-1,3-Dichloroprop...	8.182	79	15346	4.974	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.400%		
46) 2-Hexanone-d5	8.639	63	72180	65.976	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 131.960%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40583	5.368	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	37846	5.902	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.000%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1986	0.197	ug/L	96
5) Vinyl chloride	1.601	62	4904	0.544	ug/L #	53
8) Chloroethane	2.076	64	21156	3.979	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	465	0.085	ug/L #	17
12) 1,1-Dichloroethene	2.572	96	14485	2.495	ug/L #	42
13) Acetone	2.652	43	3859	4.066	ug/L	85
14) Carbon disulfide	2.787	76	6655	0.321	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	717076	110.324	ug/L	95
19) 1,1-Dichloroethane	3.867	63	8191	0.665	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	3707845	513.957	ug/L	99
33) Benzene	5.771	78	4068	0.139	ug/L	100
35) Methylcyclohexane	6.694	83	10736	1.172	ug/L #	26
61) 1,2,3-Trichloropropane	11.812	75	4254	0.954	ug/L #	64
67) 1,2-Dichlorobenzene	12.211	146	4458	0.418	ug/L	88

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

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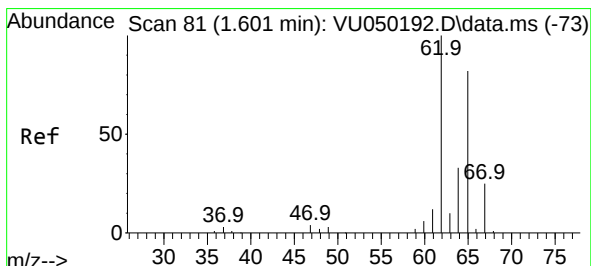
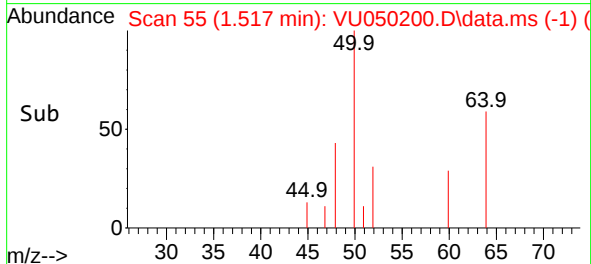
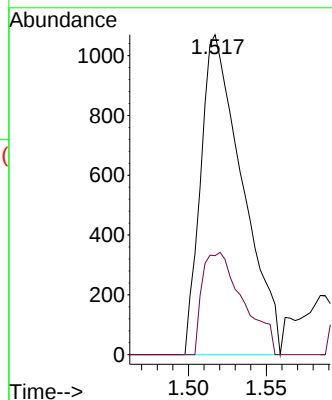
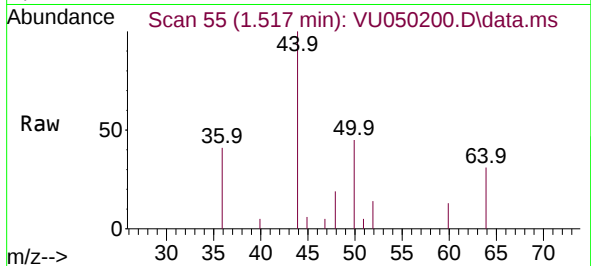




#3
Chloromethane
Concen: 0.197 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59

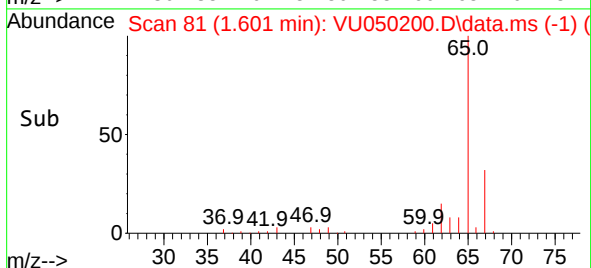
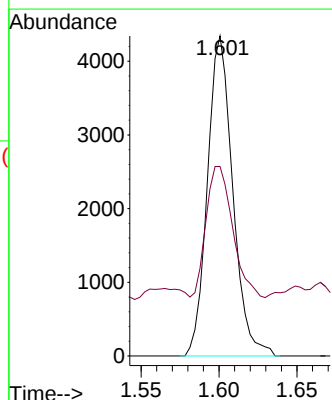
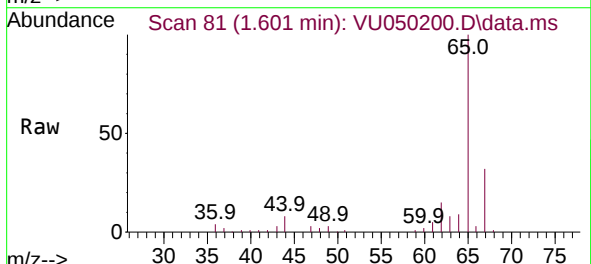
Instrument :
MSVOA_U
ClientSampleId :

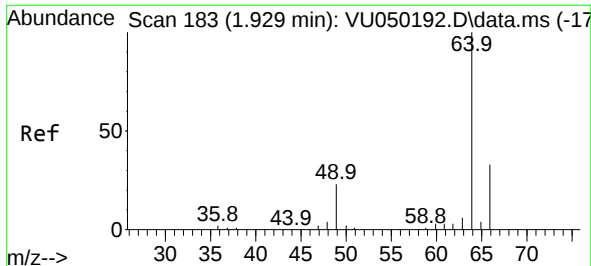
Tgt Ion: 50 Resp: 1986
Ion Ratio Lower Upper
50 100
52 30.9 23.2 43.2



#5
Vinyl chloride
Concen: 0.544 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59

Tgt Ion: 62 Resp: 4904
Ion Ratio Lower Upper
62 100
64 59.2 22.8 42.4#





#8

Chloroethane

Concen: 3.979 ug/L

RT: 2.076 min Scan# 21

Delta R.T. 0.148 min

Lab File: VU050200.D

Acq: 09 Aug 2022 23:59

Instrument :

MSVOA_U

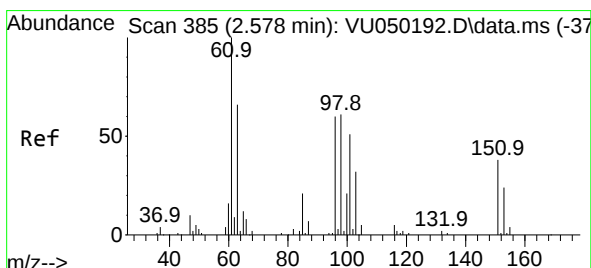
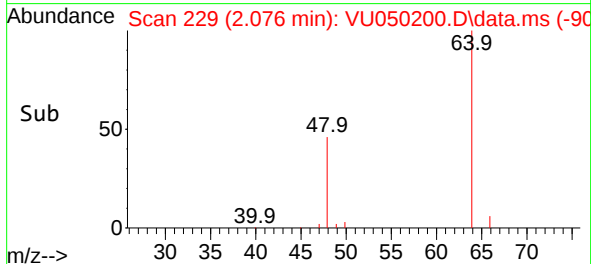
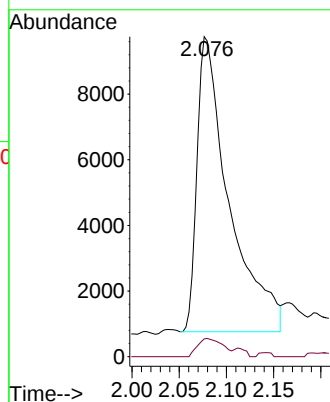
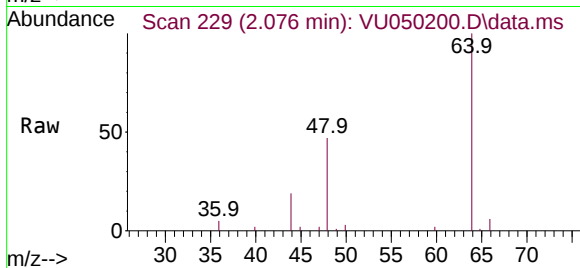
ClientSampleId :

Tgt Ion: 64 Resp: 21156

Ion Ratio Lower Upper

64 100

66 5.5 22.8 42.4#



#10

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

Concen: 0.085 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050200.D

Acq: 09 Aug 2022 23:59

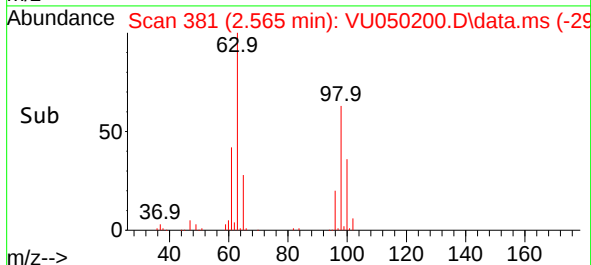
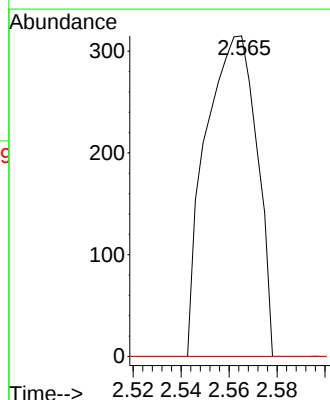
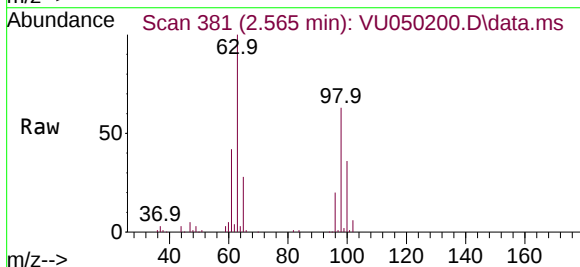
Tgt Ion:101 Resp: 465

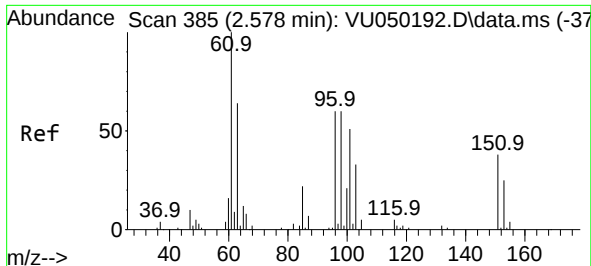
Ion Ratio Lower Upper

101 100

85 97.0 35.6 53.4#

151 0.0 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 2.495 ug/L

RT: 2.572 min Scan# 385

Delta R.T. -0.006 min

Lab File: VU050200.D

Acq: 09 Aug 2022 23:59

Instrument :

MSVOA_U

ClientSampleId :

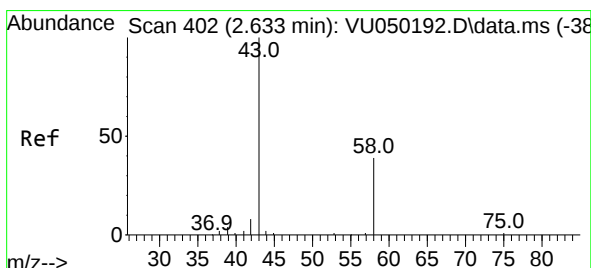
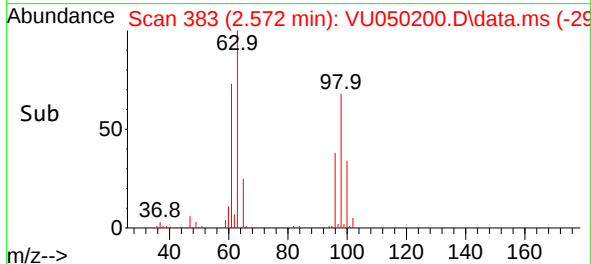
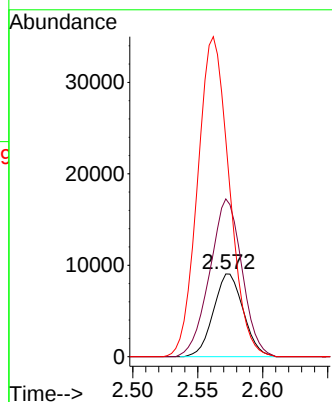
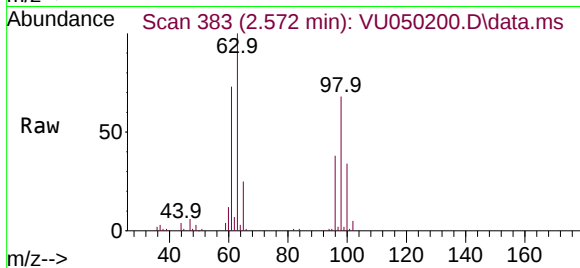
Tgt Ion: 96 Resp: 14485

Ion Ratio Lower Upper

96 100

61 190.5 122.7 227.9

63 262.4 85.1 158.1#



#13

Acetone

Concen: 4.066 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.019 min

Lab File: VU050200.D

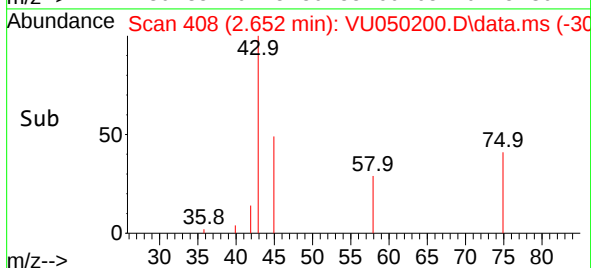
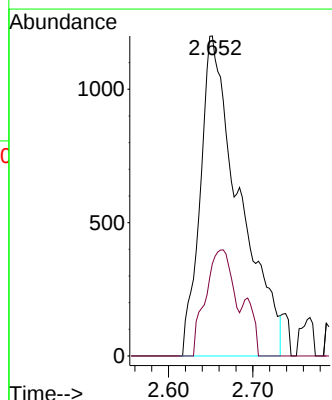
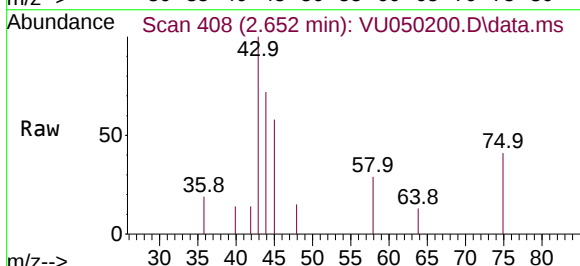
Acq: 09 Aug 2022 23:59

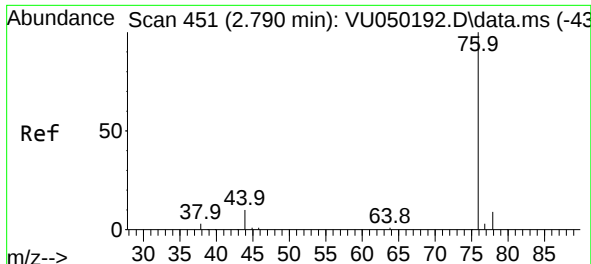
Tgt Ion: 43 Resp: 3859

Ion Ratio Lower Upper

43 100

58 23.5 0.0 64.0

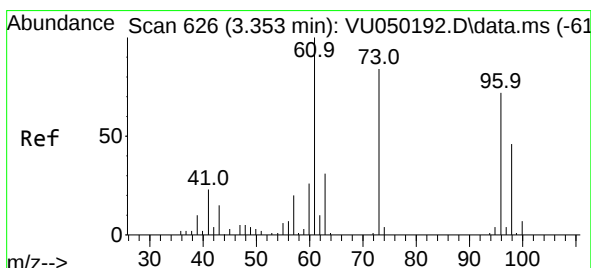
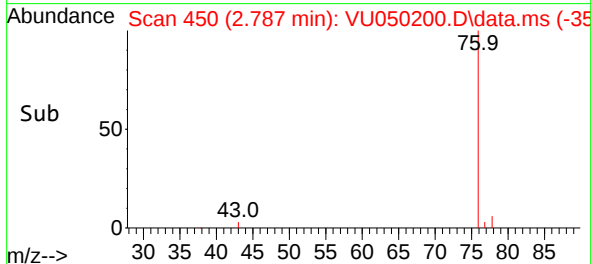
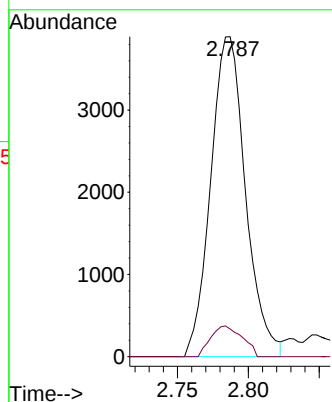
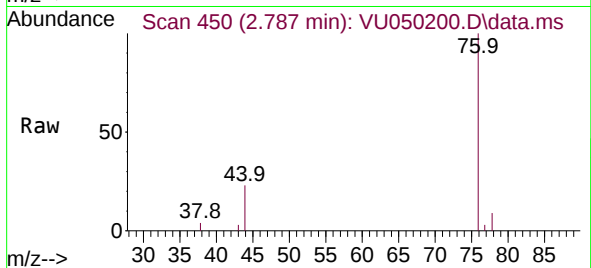




#14
Carbon disulfide
Concen: 0.321 ug/L
RT: 2.787 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59

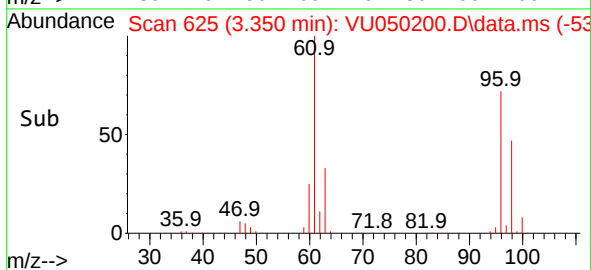
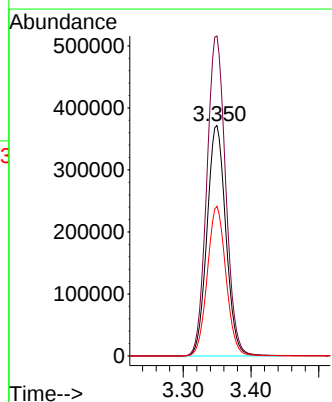
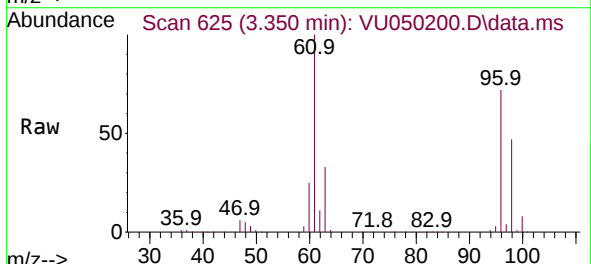
Instrument :
MSVOA_U
ClientSampleId :

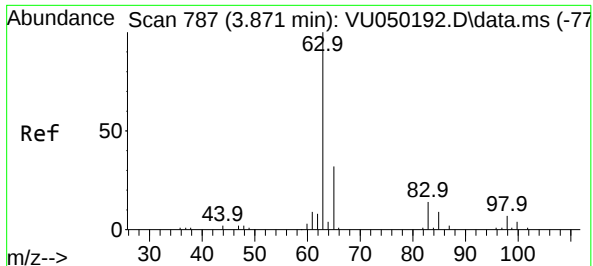
Tgt Ion: 76 Resp: 6655
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
trans-1,2-Dichloroethene
Concen: 110.324 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59

Tgt Ion: 96 Resp: 717076
Ion Ratio Lower Upper
96 100
61 138.9 92.3 171.5
98 64.9 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.665 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.003 min

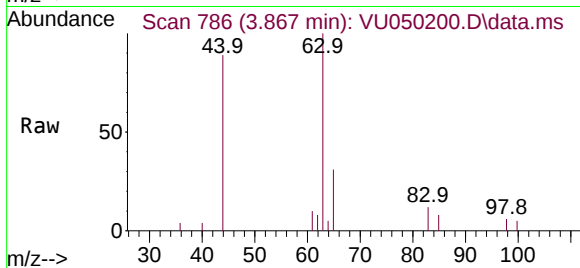
Lab File: VU050200.D

Acq: 09 Aug 2022 23:59

Instrument :

MSVOA_U

ClientSampleId :



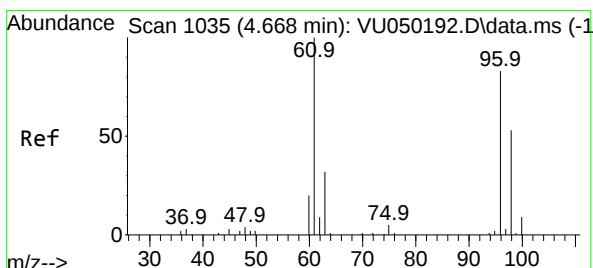
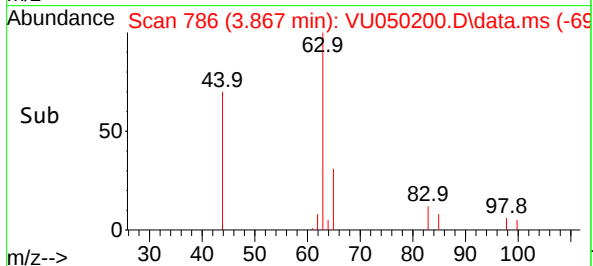
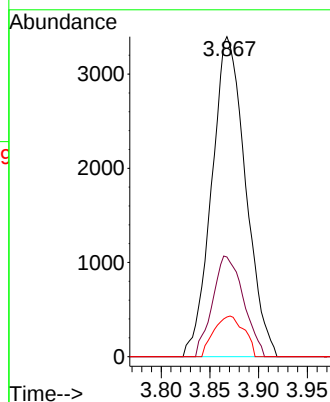
Tgt Ion: 63 Resp: 8191

Ion Ratio Lower Upper

63 100

65 31.2 22.7 42.3

83 12.4 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 513.957 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050200.D

Acq: 09 Aug 2022 23:59

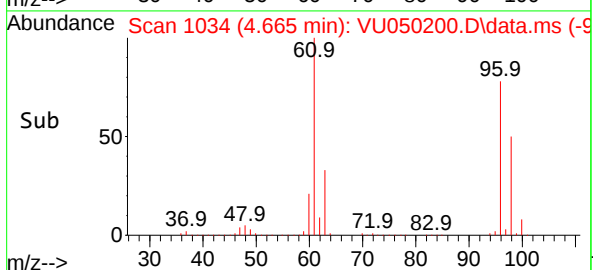
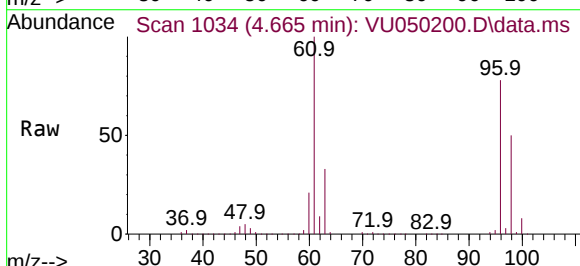
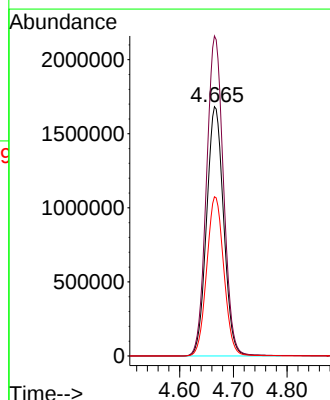
Tgt Ion: 96 Resp: 3707845

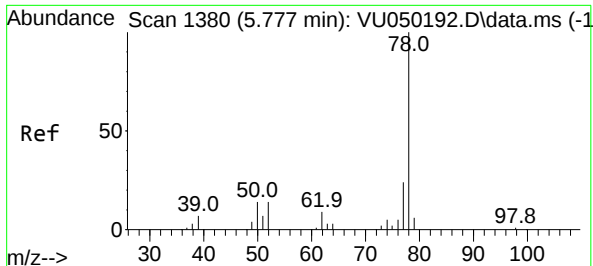
Ion Ratio Lower Upper

96 100

61 128.4 89.0 165.4

98 63.8 45.2 84.0

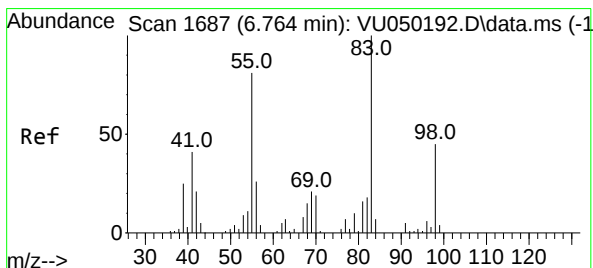
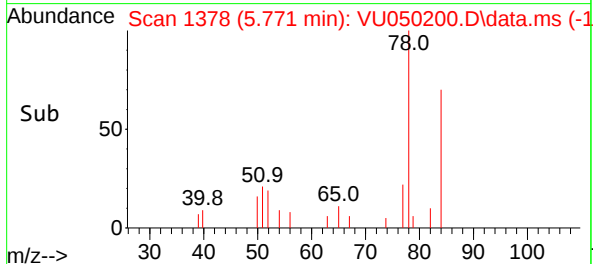
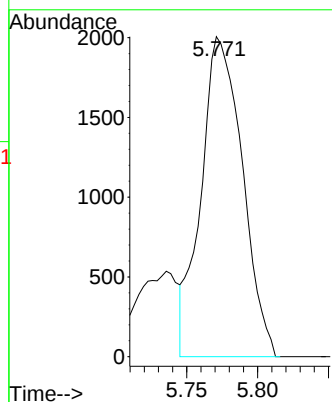
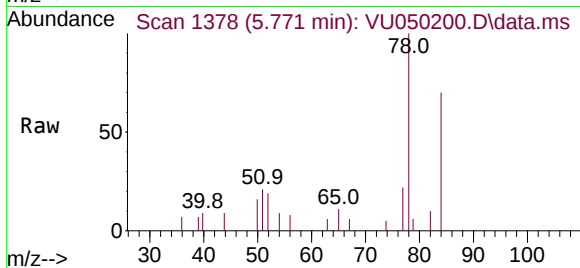




#33
Benzene
Concen: 0.139 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59

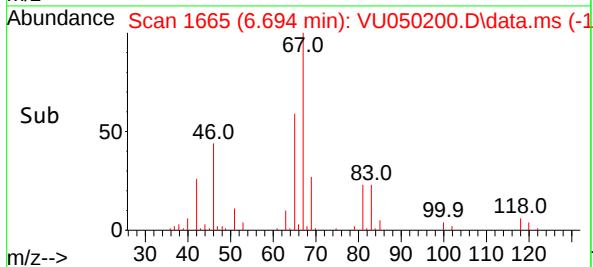
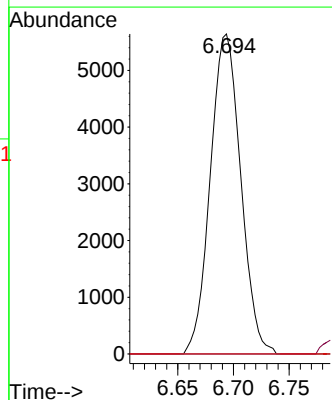
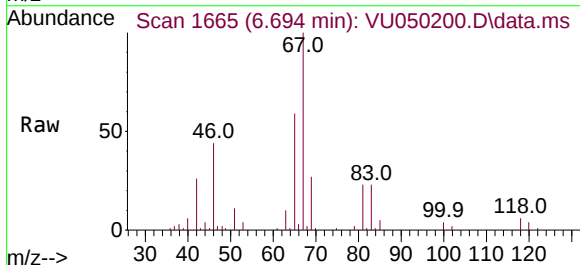
Instrument :
MSVOA_U
ClientSampleId :

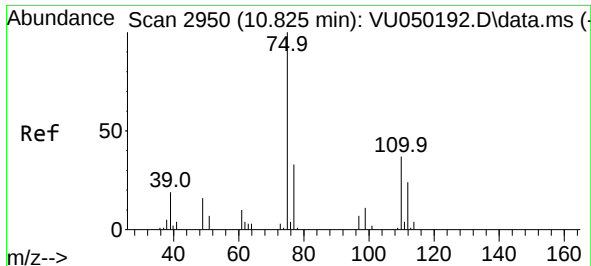
Tgt Ion: 78 Resp: 4068



#35
Methylcyclohexane
Concen: 1.172 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050200.D
Acq: 09 Aug 2022 23:59

Tgt Ion: 83 Resp: 10736
Ion Ratio Lower Upper
83 100
55 10.9 62.7 94.1#
98 0.0 36.2 54.2#

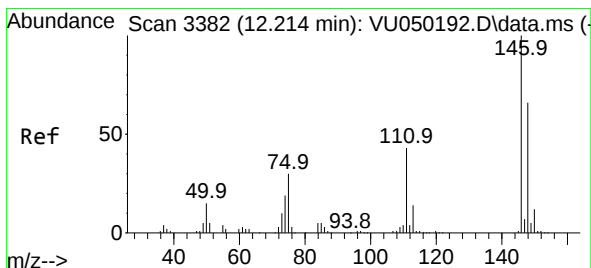
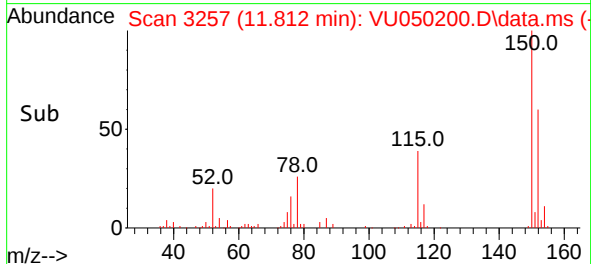
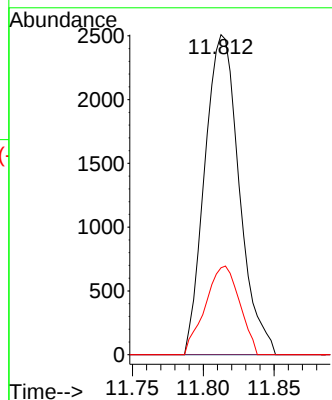
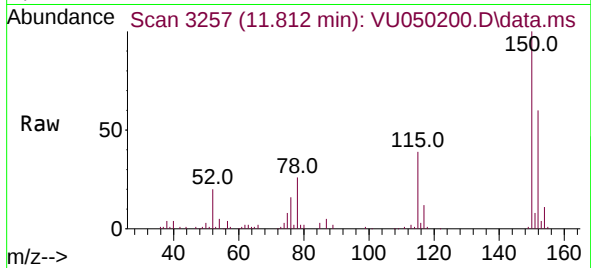




#61
 1,2,3-Trichloropropane
 Concen: 0.954 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050200.D
 Acq: 09 Aug 2022 23:59

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 4254
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 27.5 25.8 38.6



#67
 1,2-Dichlorobenzene
 Concen: 0.418 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.003 min
 Lab File: VU050200.D
 Acq: 09 Aug 2022 23:59

Tgt Ion: 146 Resp: 4458
 Ion Ratio Lower Upper
 146 100
 111 46.6 32.9 49.3
 148 73.8 50.4 75.6

