

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050197.D
 Acq On : 09 Aug 2022 22:44
 Operator : SY/MD
 Sample : N4076-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 06:34:28 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)

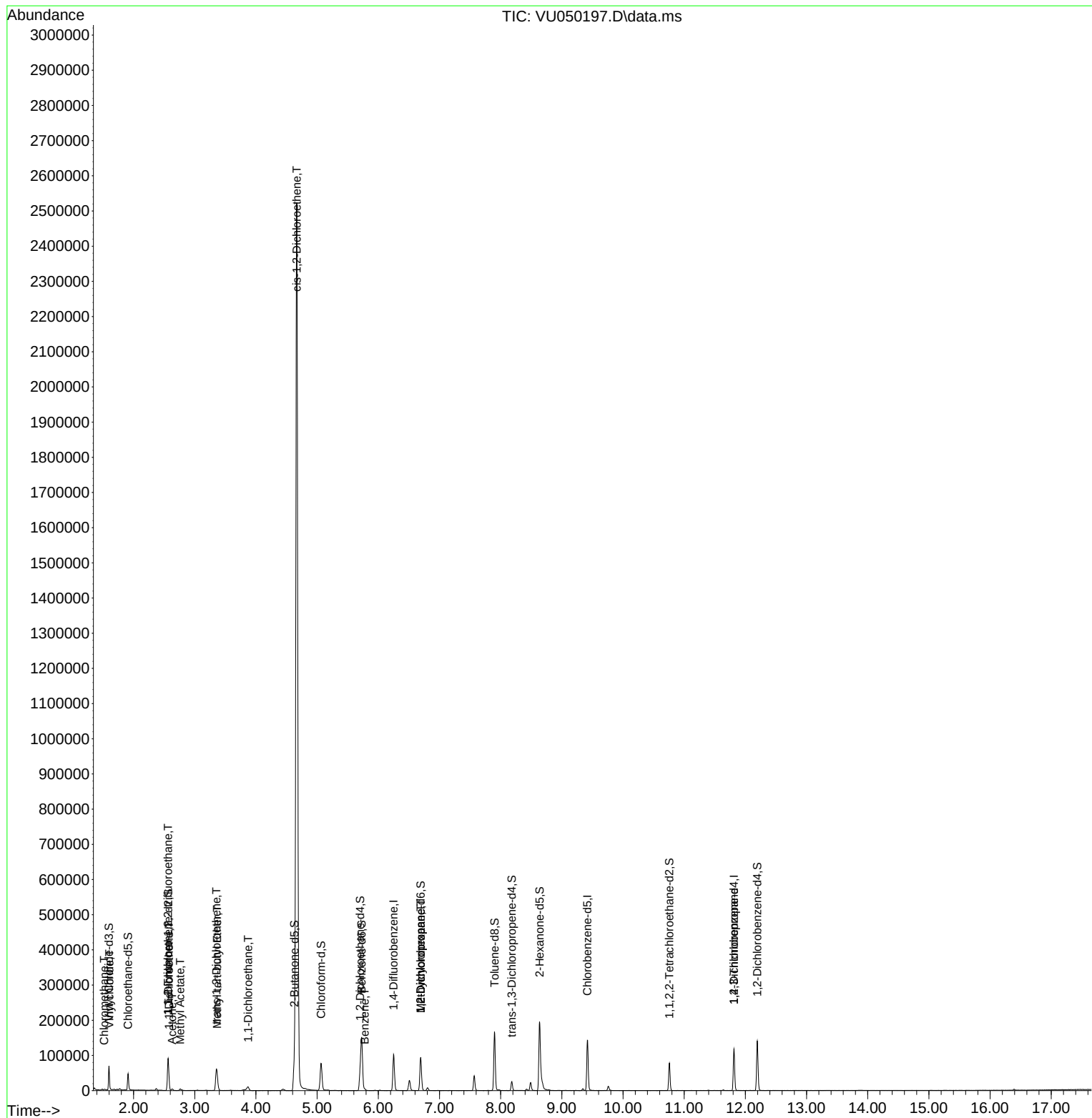
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	82305	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45965	6.711	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 134.200%#		
7) Chloroethane-d5	1.909	69	34547	6.252	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 125.000%		
11) 1,1-Dichloroethene-d2	2.565	65	16021	5.985	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 119.600%		
20) 2-Butanone-d5	4.626	46	99121	59.343	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 118.680%		
24) Chloroform-d	5.063	84	72198	5.667	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.400%		
26) 1,2-Dichloroethane-d4	5.703	65	37298	5.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.000%		
32) Benzene-d6	5.729	84	143489	5.486	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.800%		
36) 1,2-Dichloropropane-d6	6.693	67	47703	5.538	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.800%		
41) Toluene-d8	7.899	98	115244	4.989	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.800%		
43) trans-1,3-Dichloroprop...	8.182	79	15650	5.070	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.400%		
46) 2-Hexanone-d5	8.636	63	61486	56.174	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 112.340%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40717	5.383	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	36954	5.738	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.800%		
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	2068	0.210	ug/L	96
5) Vinyl chloride	1.604	62	3722	0.421	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	405	0.075	ug/L #	1
12) 1,1-Dichloroethene	2.578	96	4528	0.796	ug/L #	1
13) Acetone	2.629	43	4516	4.855	ug/L	93
15) Methyl Acetate	2.761	43	1442	0.568	ug/L #	46
17) Methyl tert-butyl Ether	3.366	73	21502	1.448	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	20004	3.140	ug/L	94
19) 1,1-Dichloroethane	3.870	63	11228	0.931	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	1333155	188.558	ug/L	100
33) Benzene	5.777	78	4198	0.143	ug/L	100
35) Methylcyclohexane	6.693	83	10906	1.189	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4713	0.602	ug/L #	48
61) 1,2,3-Trichloropropane	11.812	75	4382	0.979	ug/L #	64

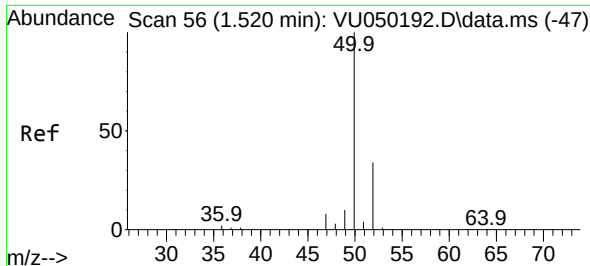
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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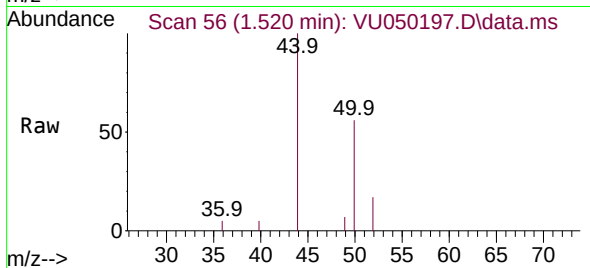
Quant Time: Aug 10 06:34:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 10 05:49:54 2022
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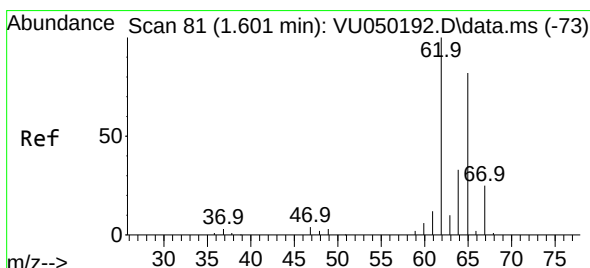
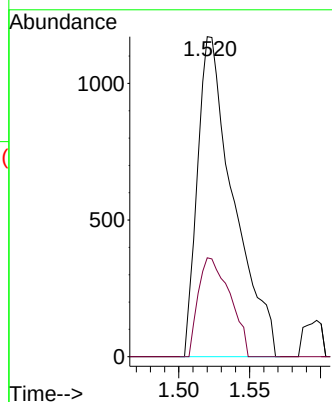
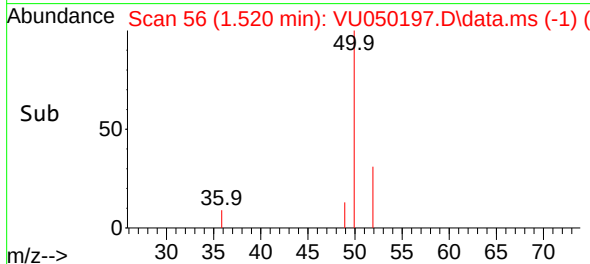


#3
Chloromethane
Concen: 0.210 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050197.D
Acq: 09 Aug 2022 22:44

Instrument :
MSVOA_U
ClientSampleId :

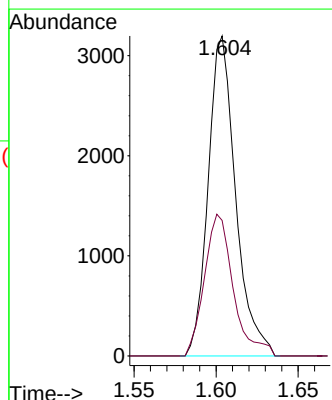
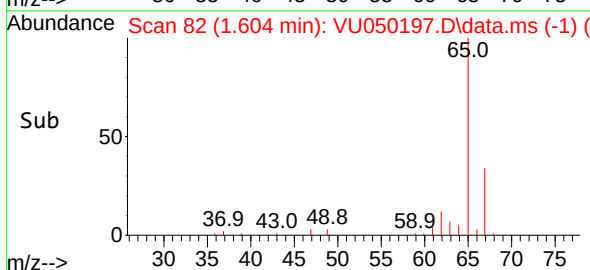
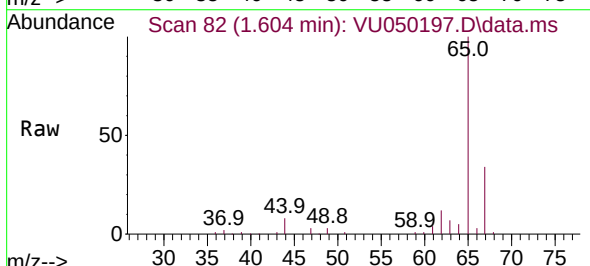


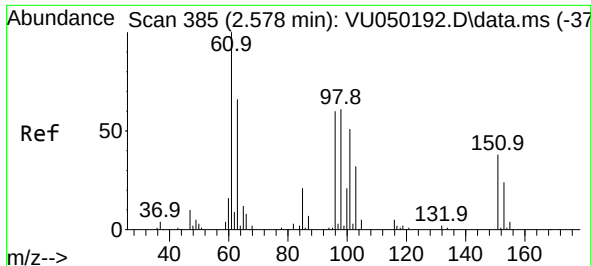
Tgt Ion: 50 Resp: 2068
Ion Ratio Lower Upper
50 100
52 30.9 23.2 43.2



#5
Vinyl chloride
Concen: 0.421 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050197.D
Acq: 09 Aug 2022 22:44

Tgt Ion: 62 Resp: 3722
Ion Ratio Lower Upper
62 100
64 42.4 22.8 42.4

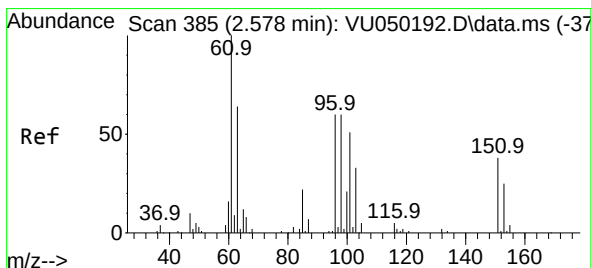
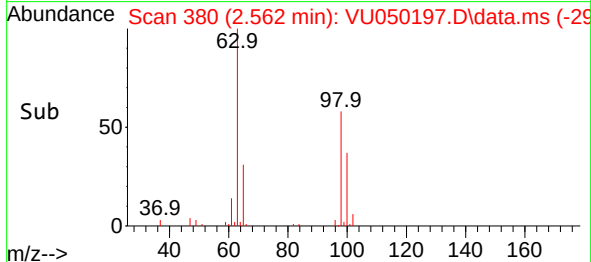
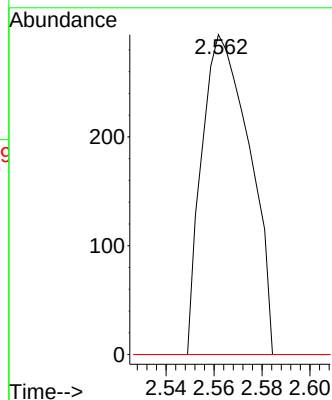
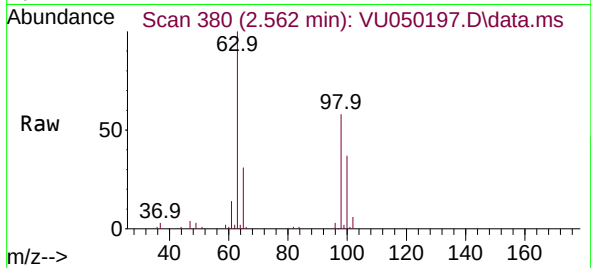




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.075 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU050197.D
 Acq: 09 Aug 2022 22:44

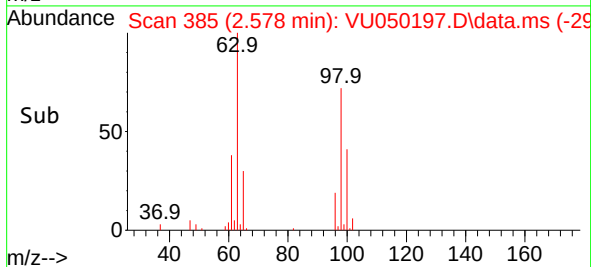
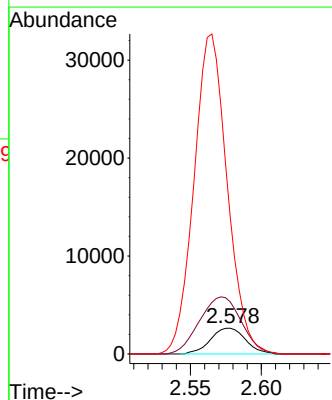
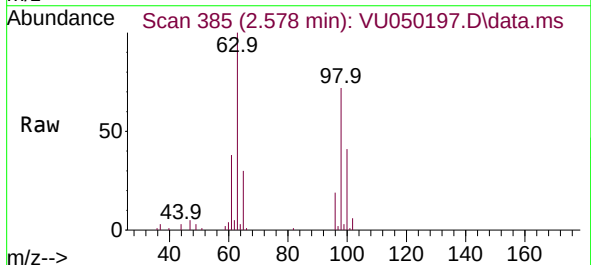
Instrument :
 MSVOA_U
 ClientSampleId :

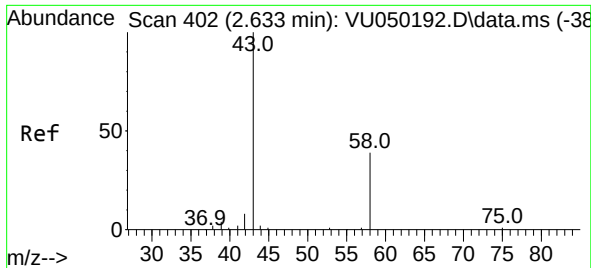
Tgt Ion:101 Resp: 405
 Ion Ratio Lower Upper
 101 100
 85 245.4 35.6 53.4#
 151 0.0 55.2 82.8#



#12
 1,1-Dichloroethene
 Concen: 0.796 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050197.D
 Acq: 09 Aug 2022 22:44

Tgt Ion: 96 Resp: 4528
 Ion Ratio Lower Upper
 96 100
 61 202.8 122.7 227.9
 63 536.7 85.1 158.1#





#13

Acetone

Concen: 4.855 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

Instrument :

MSVOA_U

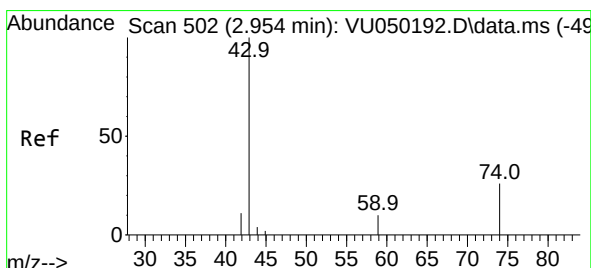
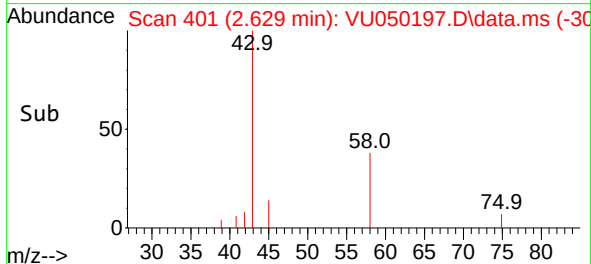
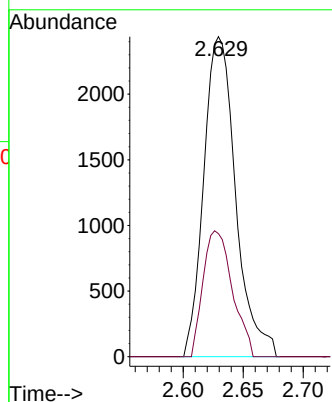
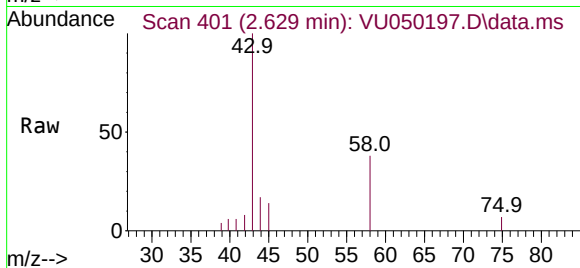
ClientSampleId :

Tgt Ion: 43 Resp: 4516

Ion Ratio Lower Upper

43 100

58 36.0 0.0 64.0



#15

Methyl Acetate

Concen: 0.568 ug/L

RT: 2.761 min Scan# 442

Delta R.T. -0.193 min

Lab File: VU050197.D

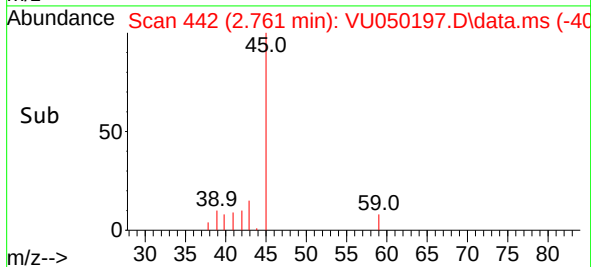
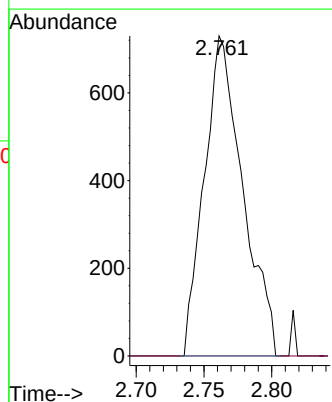
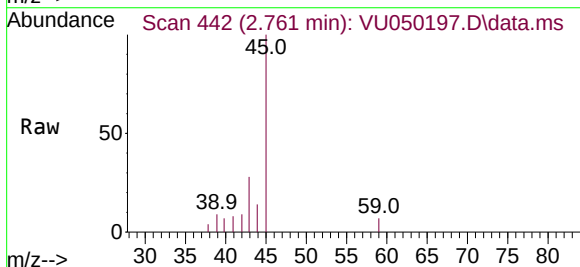
Acq: 09 Aug 2022 22:44

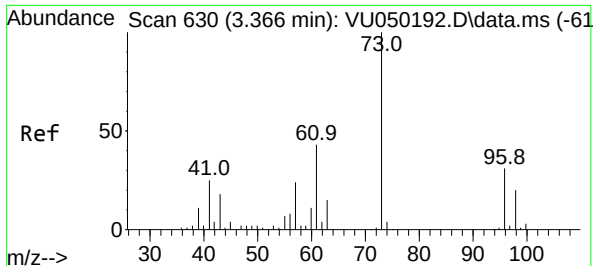
Tgt Ion: 43 Resp: 1442

Ion Ratio Lower Upper

43 100

74 0.0 22.7 34.1#





#17

Methyl tert-butyl Ether

Concen: 1.448 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

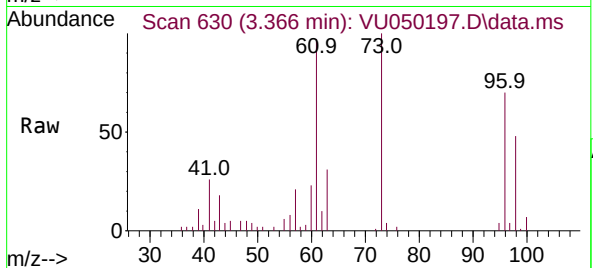
Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :



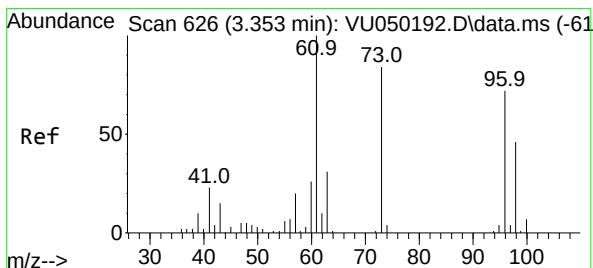
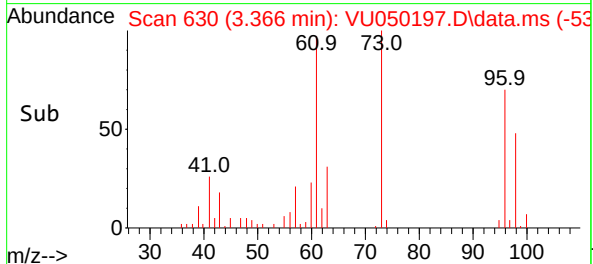
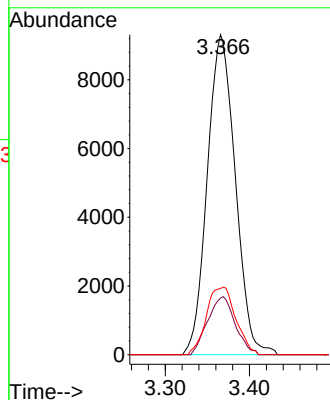
Tgt Ion: 73 Resp: 21502

Ion Ratio Lower Upper

73 100

43 17.8 13.5 20.3

57 22.2 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 3.140 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

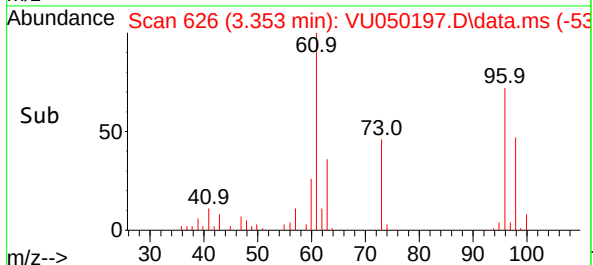
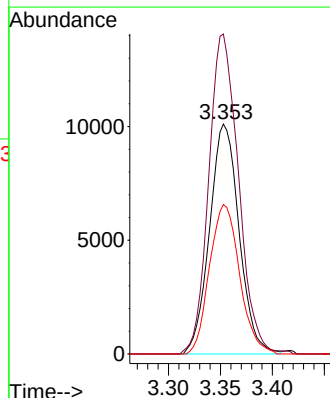
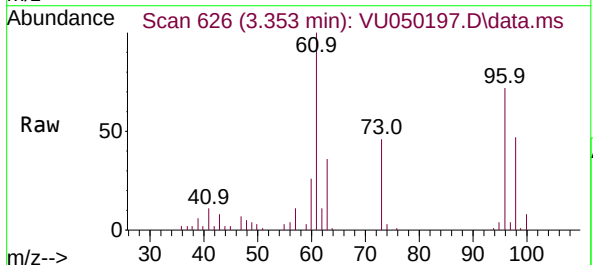
Tgt Ion: 96 Resp: 20004

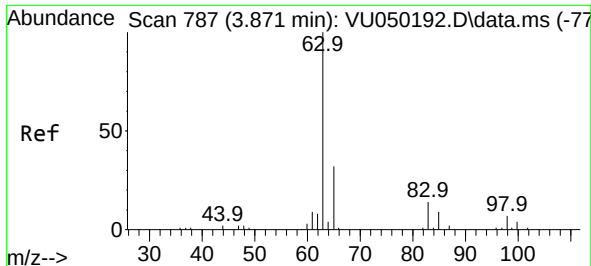
Ion Ratio Lower Upper

96 100

61 139.2 92.3 171.5

98 65.0 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.931 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min

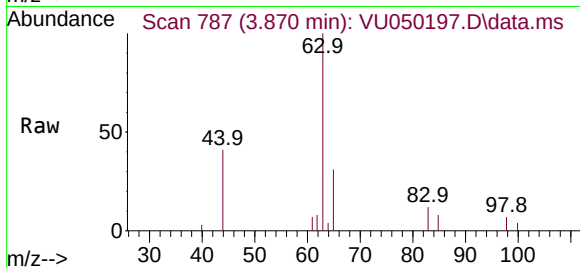
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Acq: 09 Aug 2022 22:44

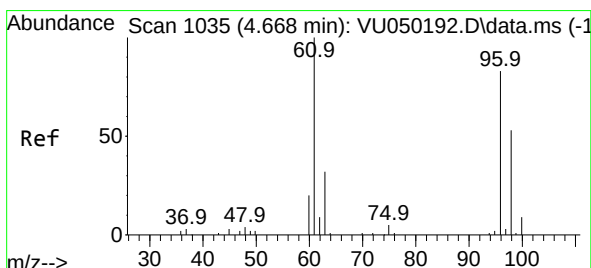
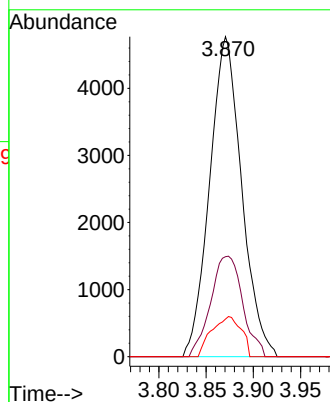
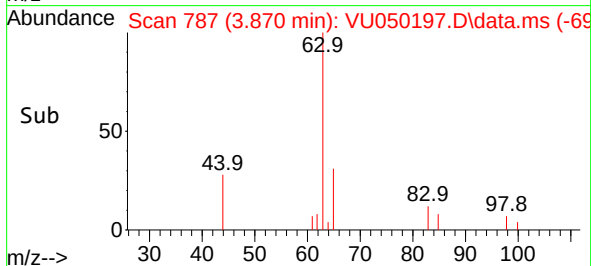
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	11228
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.7	42.3
83	11.7	9.8	18.2



#22

cis-1,2-Dichloroethene

Concen: 188.558 ug/L

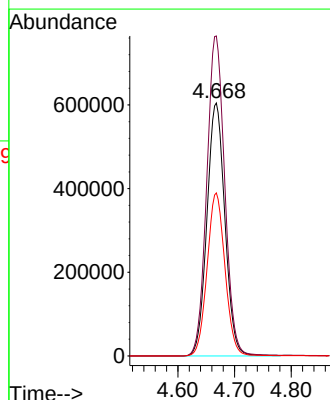
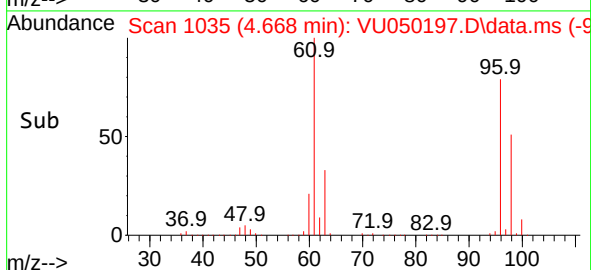
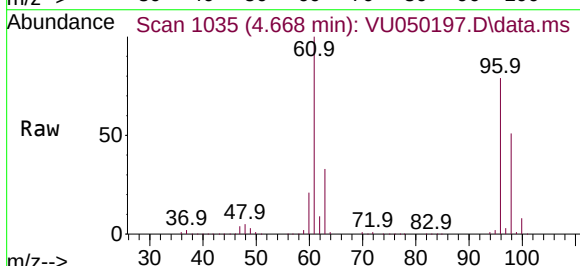
RT: 4.668 min Scan# 1035

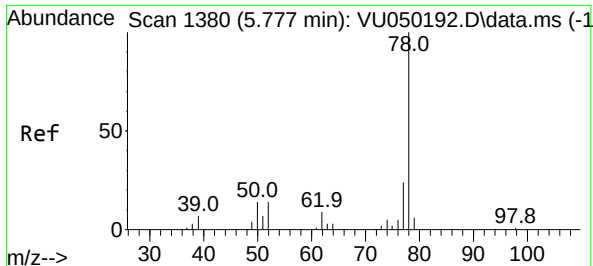
Delta R.T. -0.000 min

Lab File: VU050197.D

Acq: 09 Aug 2022 22:44

Tgt Ion:	96	Resp:	1333155
Ion	Ratio	Lower	Upper
96	100		
61	126.5	89.0	165.4
98	64.5	45.2	84.0

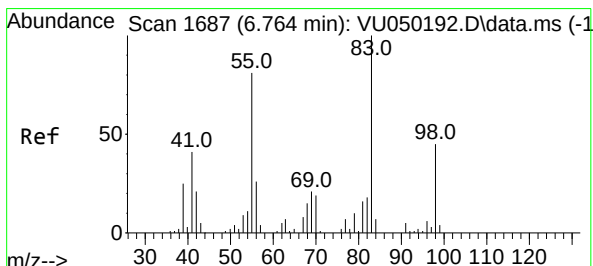
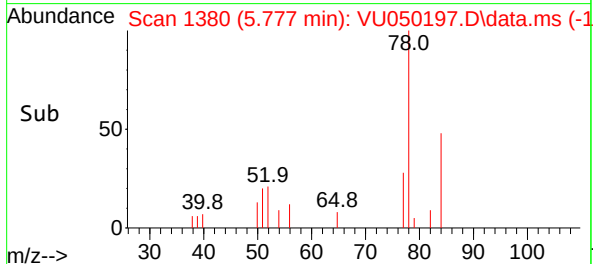
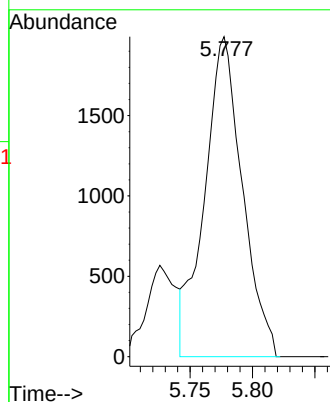
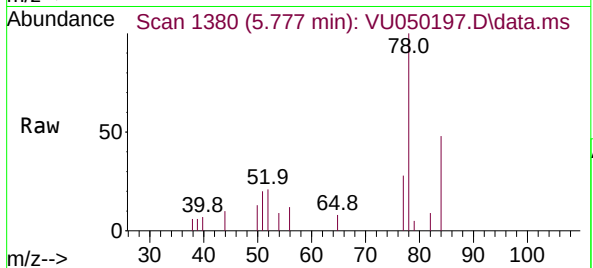




#33
Benzene
Concen: 0.143 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050197.D
Acq: 09 Aug 2022 22:44

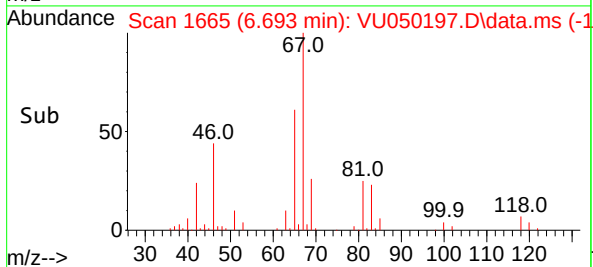
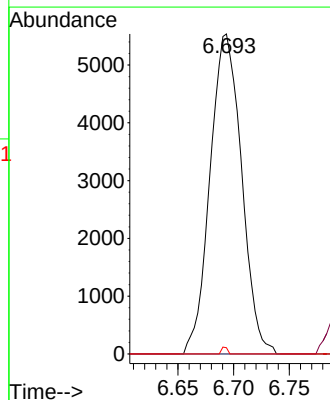
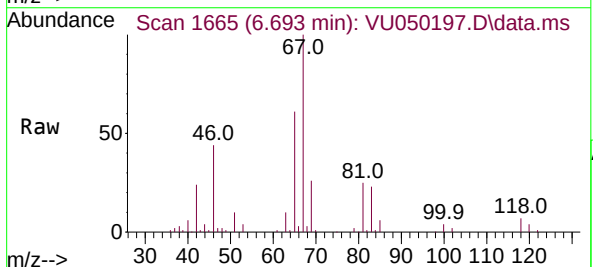
Instrument :
MSVOA_U
ClientSampleId :

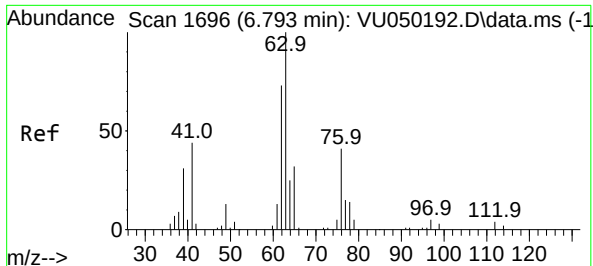
Tgt Ion: 78 Resp: 4198



#35
Methylcyclohexane
Concen: 1.189 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050197.D
Acq: 09 Aug 2022 22:44

Tgt Ion: 83 Resp: 10906
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.4 36.2 54.2#

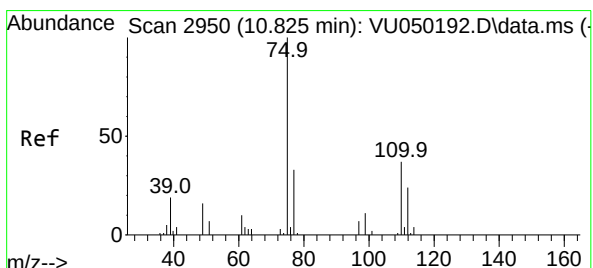
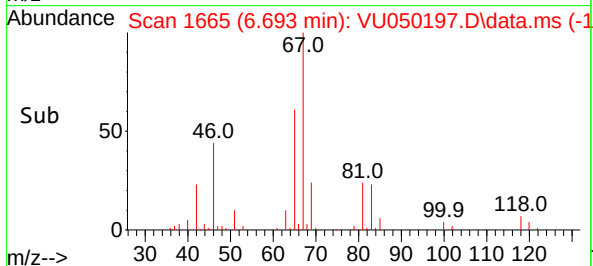
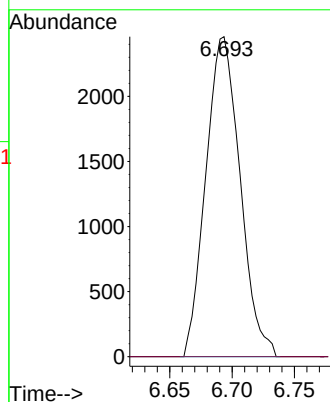
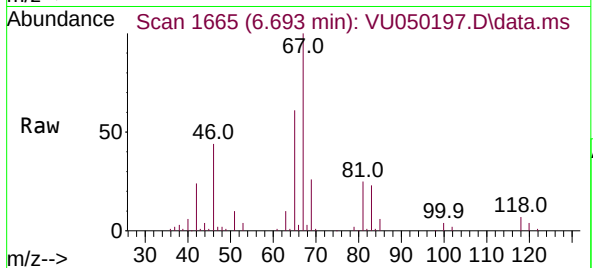




#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU050197.D
Acq: 09 Aug 2022 22:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4713
Ion Ratio Lower Upper
63 100
112 20.7 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 0.979 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050197.D
Acq: 09 Aug 2022 22:44

Tgt Ion: 75 Resp: 4382
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 27.8 25.8 38.6

