

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081122\
 Data File : VU050277.D
 Acq On : 12 Aug 2022 13:14
 Operator : SY/MD
 Sample : N4070-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 23:15:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 23:11:34 2022
 Response via : Initial Calibration

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

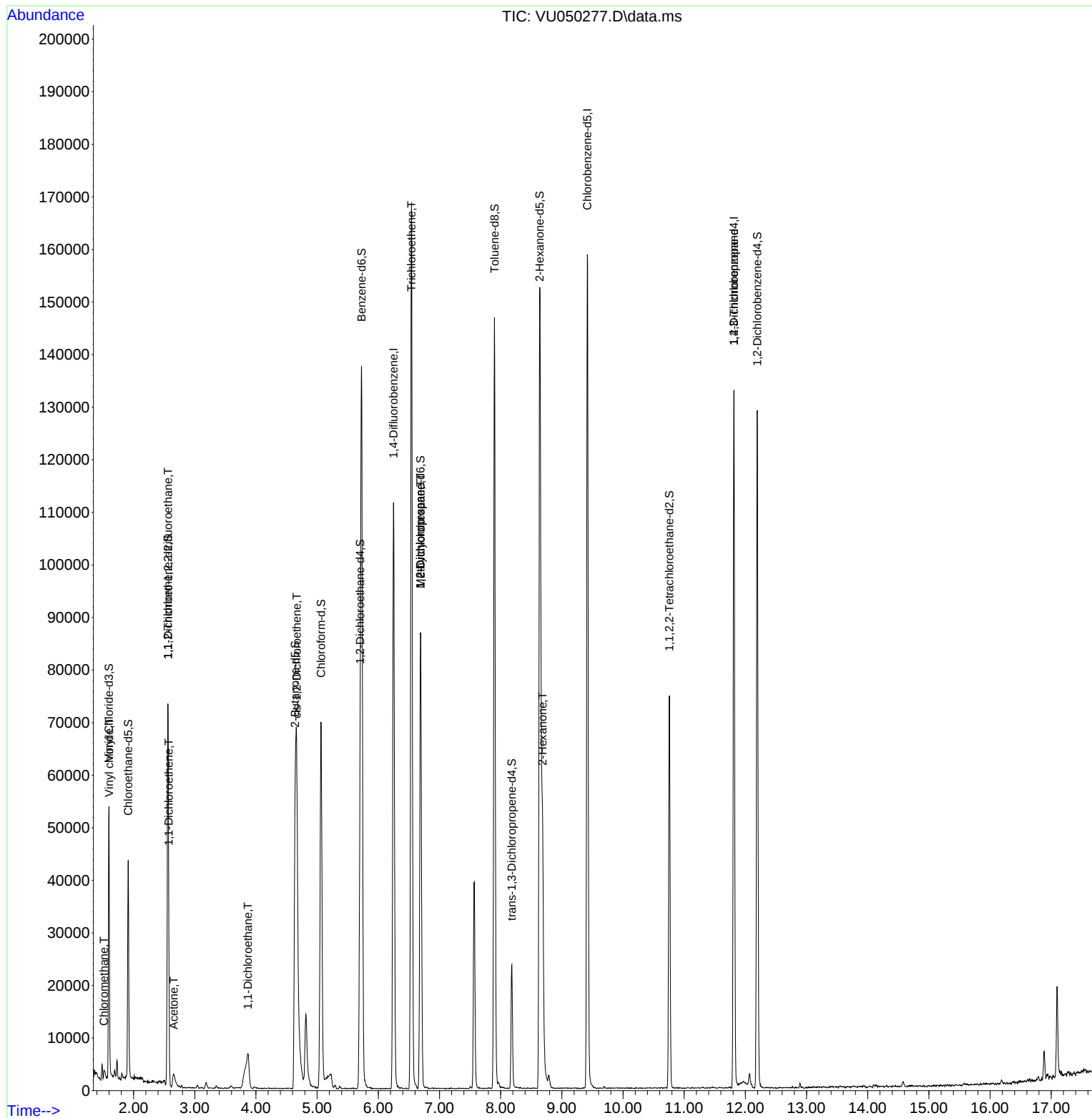
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36746	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36359	4.719	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.912	69	30526	4.910	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.562	65	13589	4.512	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.200%	
20) 2-Butanone-d5	4.642	46	103547	55.105	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.200%	
24) Chloroform-d	5.063	84	65859	4.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.703	65	35670	4.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.726	84	129856	4.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.690	67	44133	4.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.899	98	101025	4.032	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
43) trans-1,3-Dichloroprop...	8.182	79	14312	4.275	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.636	63	47473	39.985	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.960%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39059	4.761	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35119	4.878	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1463	0.132	ug/L	93
5) Vinyl chloride	1.601	62	1552	0.156	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	406	0.067	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	1393	0.218	ug/L #	1
13) Acetone	2.655	43	5279	5.044	ug/L	92
19) 1,1-Dichloroethane	3.867	63	2678	0.197	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	15570	1.958	ug/L	96
34) Trichloroethene	6.543	95	59165	7.680	ug/L	98
35) Methylcyclohexane	6.690	83	10009	1.006	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	4573	0.539	ug/L #	89
48) 2-Hexanone	8.684	43	25566	6.726	ug/L #	94
61) 1,2,3-Trichloropropane	11.812	75	4542	0.907	ug/L #	64

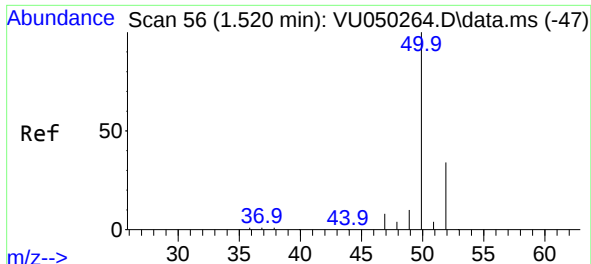
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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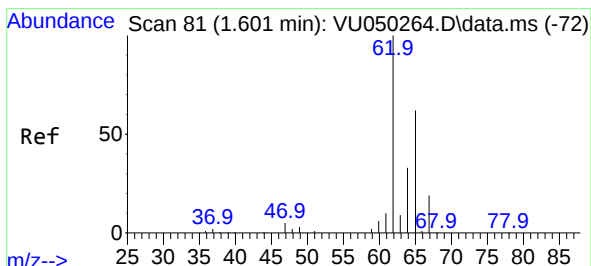
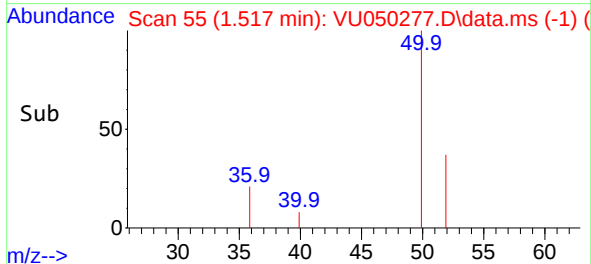
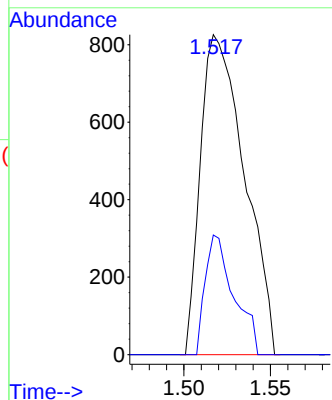
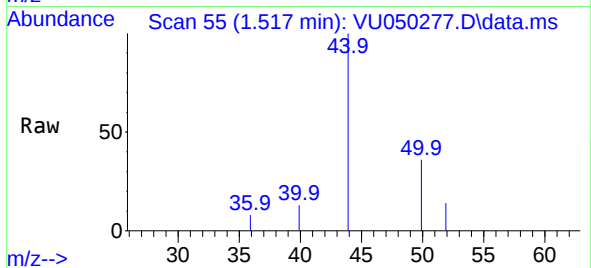




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050277.D
Acq: 12 Aug 2022 13:14

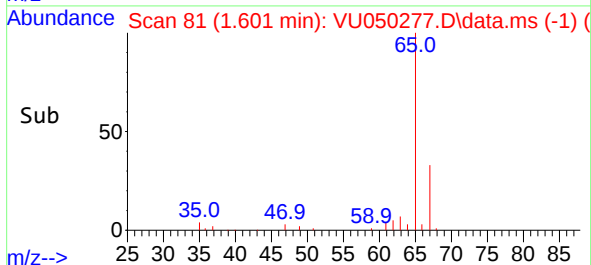
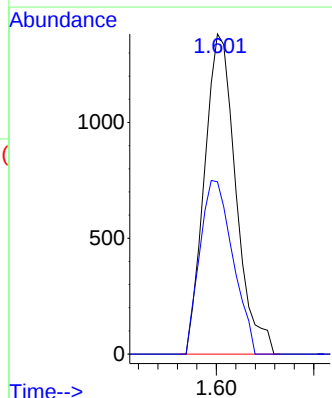
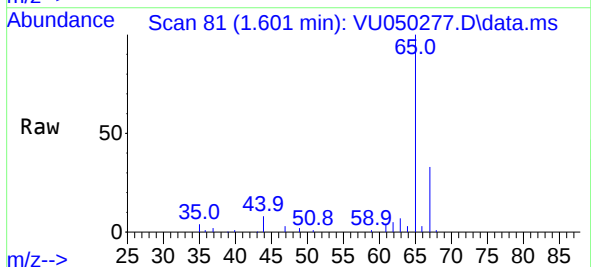
Instrument :
MSVOA_U
ClientSampleId :

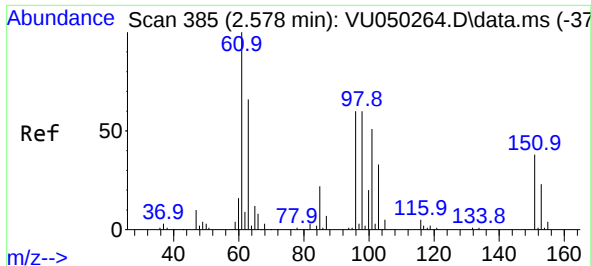
Tgt Ion: 50 Resp: 1463
Ion Ratio Lower Upper
50 100
52 37.4 23.2 43.2



#5
Vinyl chloride
Concen: 0.156 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050277.D
Acq: 12 Aug 2022 13:14

Tgt Ion: 62 Resp: 1552
Ion Ratio Lower Upper
62 100
64 53.8 22.8 42.4#

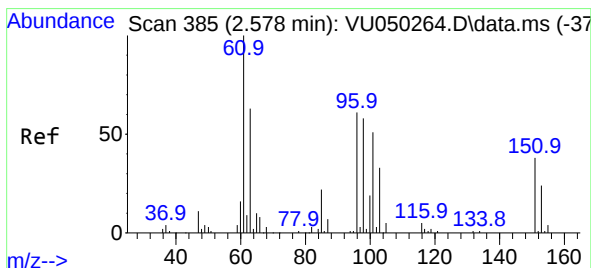
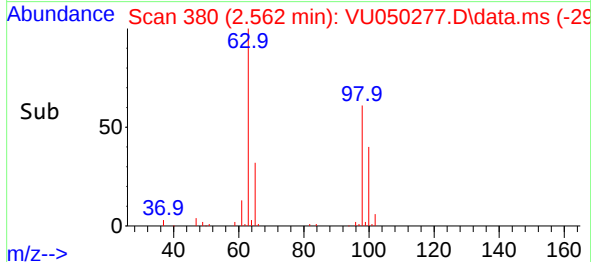
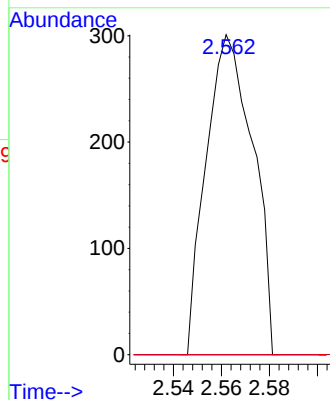
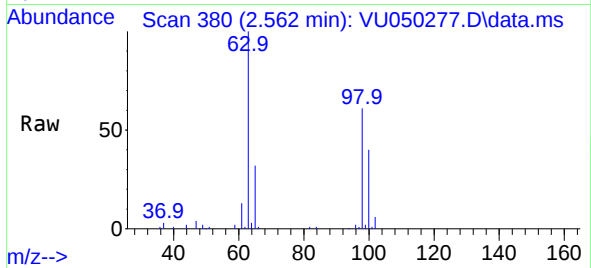




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.067 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050277.D
 Acq: 12 Aug 2022 13:14

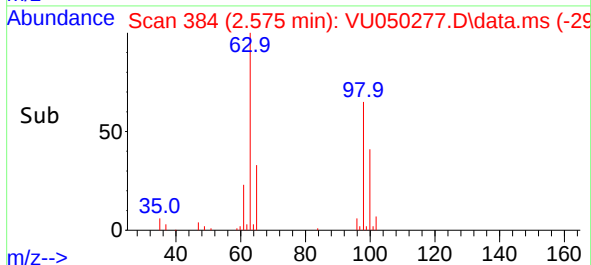
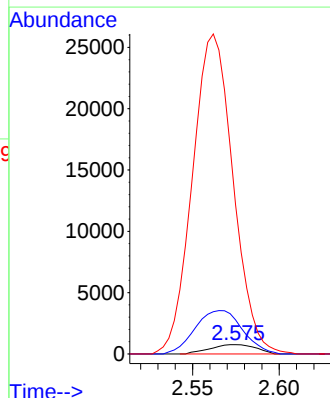
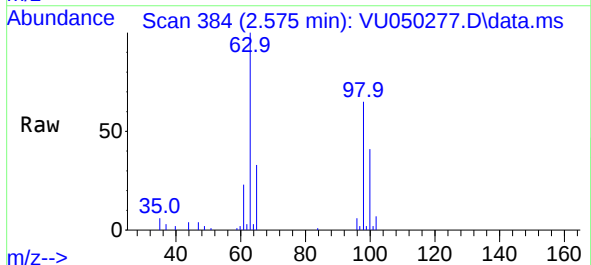
Instrument :
 MSVOA_U
 ClientSampleId :

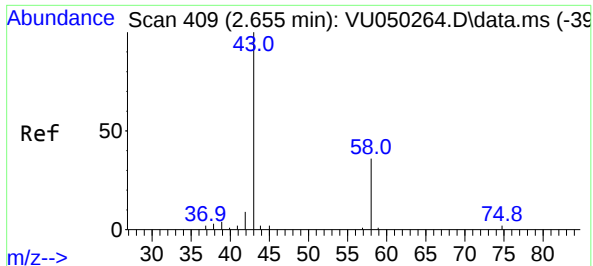
Tgt Ion:101 Resp: 406
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



#12
 1,1-Dichloroethene
 Concen: 0.218 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050277.D
 Acq: 12 Aug 2022 13:14

Tgt Ion: 96 Resp: 1393
 Ion Ratio Lower Upper
 96 100
 61 364.2 122.7 227.9#
 63 1595.0 85.1 158.1#

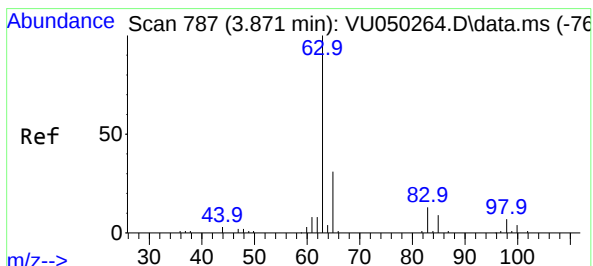
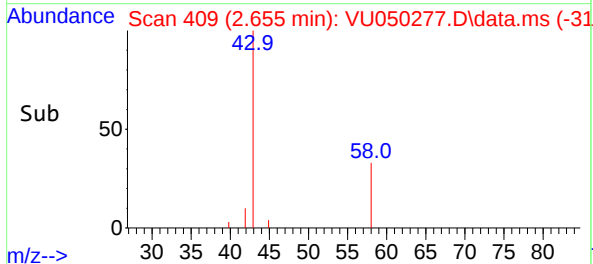
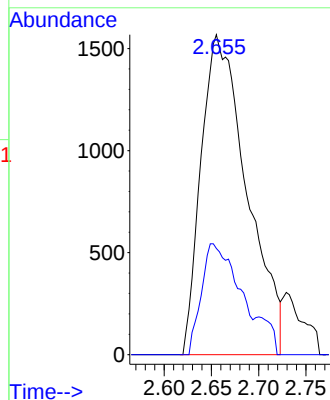
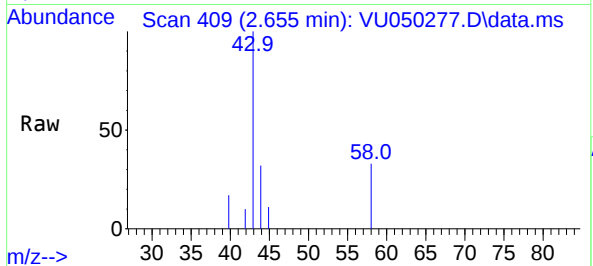




#13
Acetone
Concen: 5.044 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.000 min
Lab File: VU050277.D
Acq: 12 Aug 2022 13:14

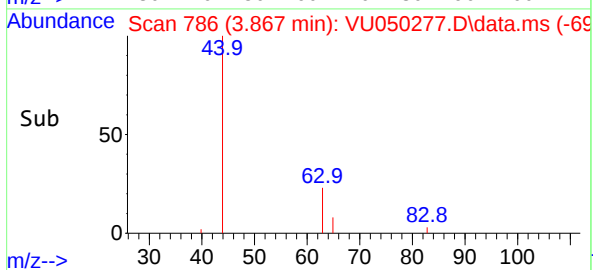
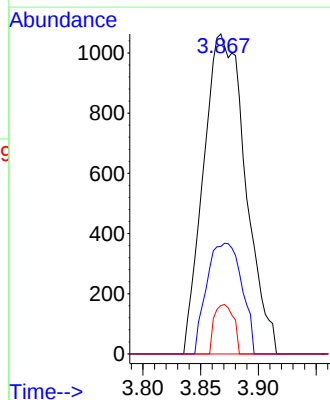
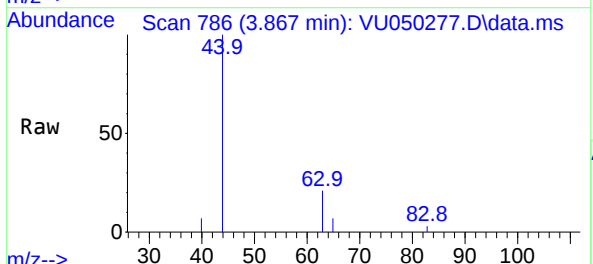
Instrument :
MSVOA_U
ClientSampleId :

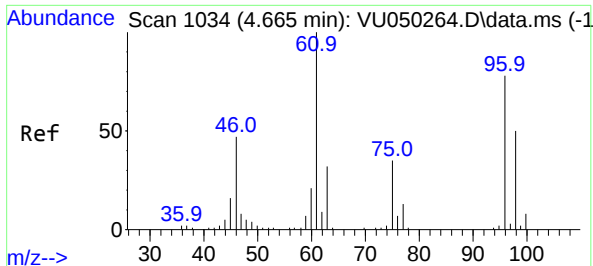
Tgt Ion: 43 Resp: 5279
Ion Ratio Lower Upper
43 100
58 27.4 0.0 64.0



#19
1,1-Dichloroethane
Concen: 0.197 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU050277.D
Acq: 12 Aug 2022 13:14

Tgt Ion: 63 Resp: 2678
Ion Ratio Lower Upper
63 100
65 33.6 22.7 42.3
83 15.1 9.8 18.2





#22

cis-1,2-Dichloroethene

Concen: 1.958 ug/L

RT: 4.668 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU050277.D

Acq: 12 Aug 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

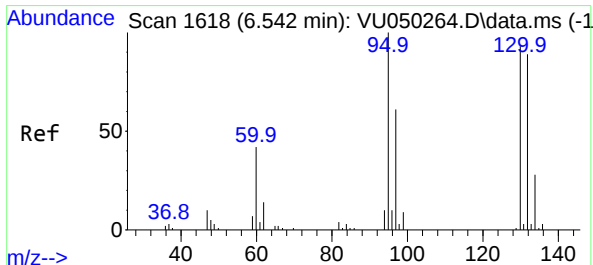
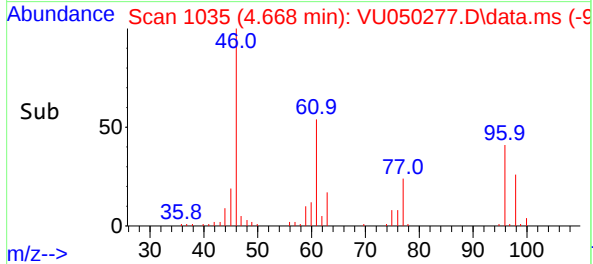
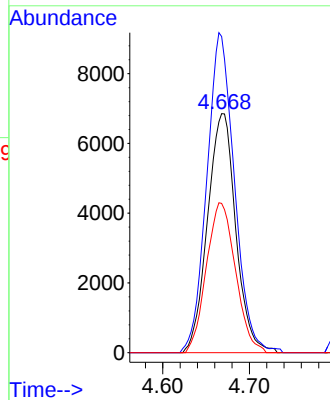
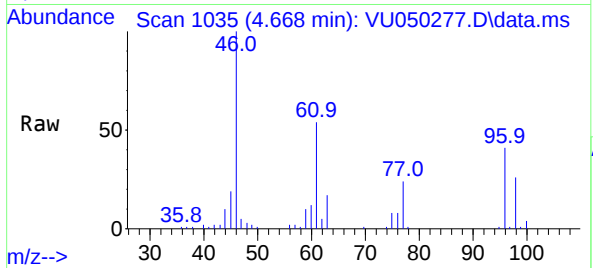
Tgt Ion: 96 Resp: 15570

Ion Ratio Lower Upper

96 100

61 132.3 89.0 165.4

98 62.5 45.2 84.0



#34

Trichloroethene

Concen: 7.680 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050277.D

Acq: 12 Aug 2022 13:14

Tgt Ion: 95 Resp: 59165

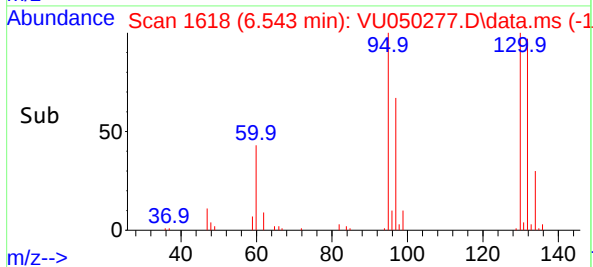
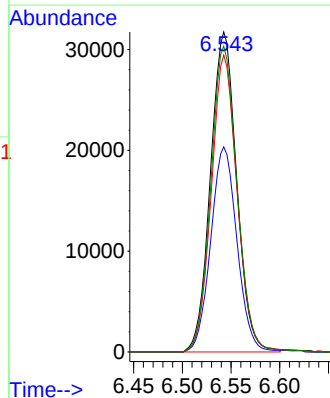
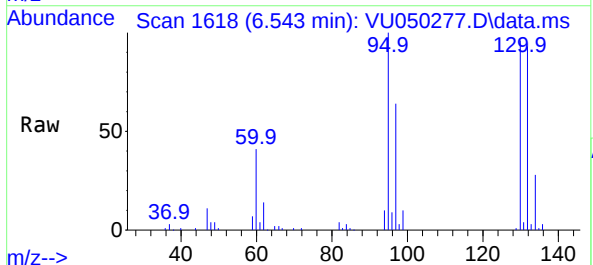
Ion Ratio Lower Upper

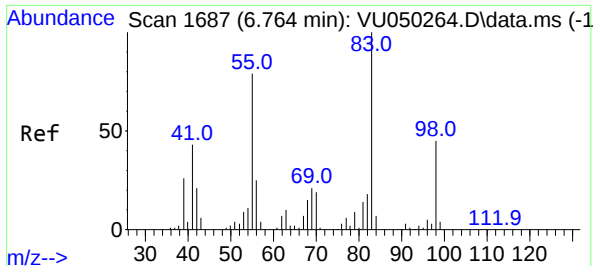
95 100

97 64.1 45.6 84.8

132 92.8 65.0 120.6

130 95.6 69.3 128.7





#35

Methylcyclohexane

Concen: 1.006 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050277.D

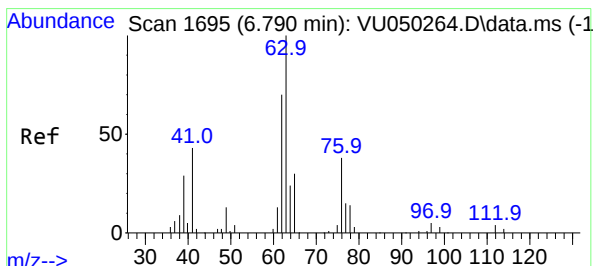
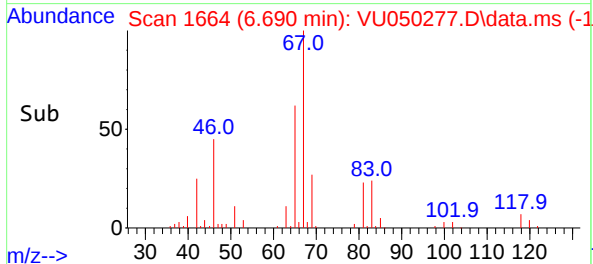
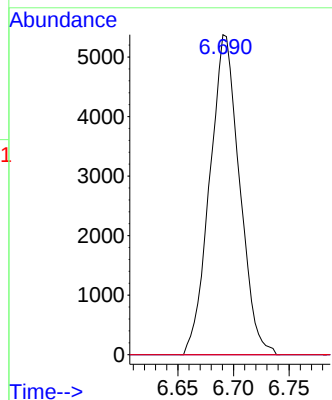
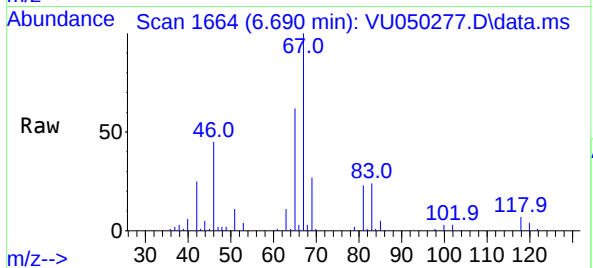
Acq: 12 Aug 2022 13:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10009
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 5.3	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.539 ug/L

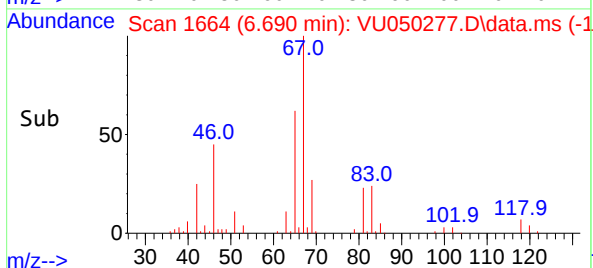
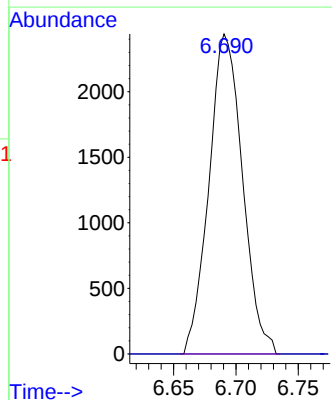
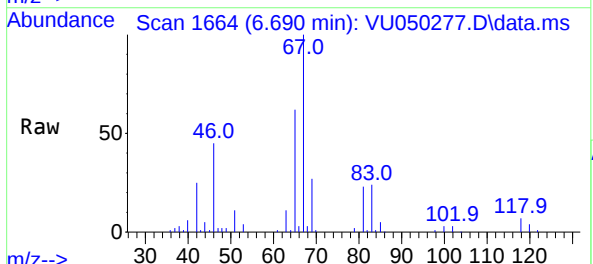
RT: 6.690 min Scan# 1664

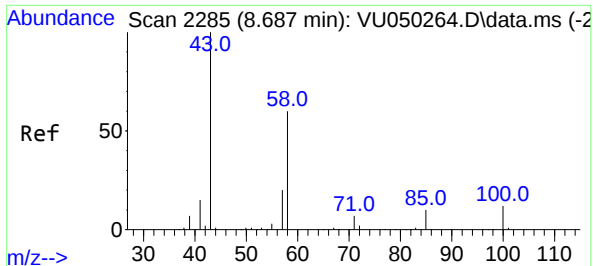
Delta R.T. -0.100 min

Lab File: VU050277.D

Acq: 12 Aug 2022 13:14

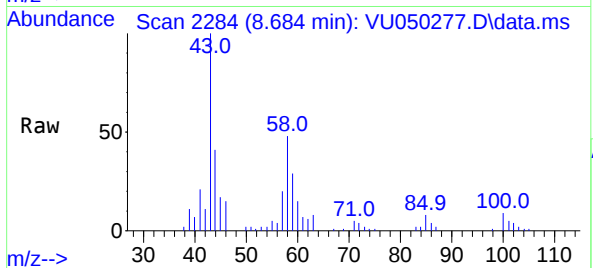
Tgt Ion: 63	Resp: 4573
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#



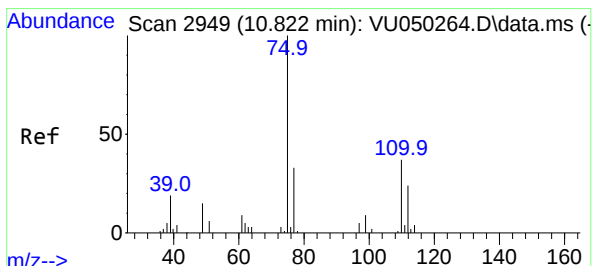
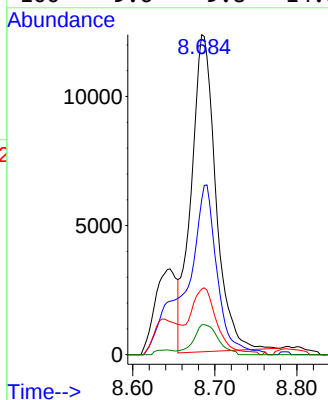
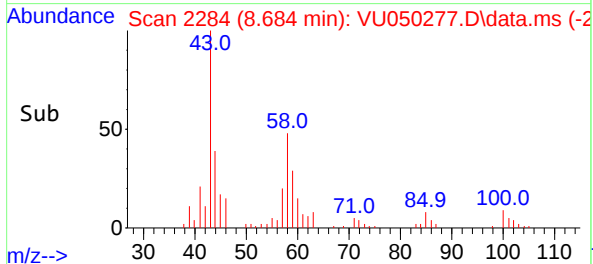


#48
2-Hexanone
Concen: 6.726 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050277.D
Acq: 12 Aug 2022 13:14

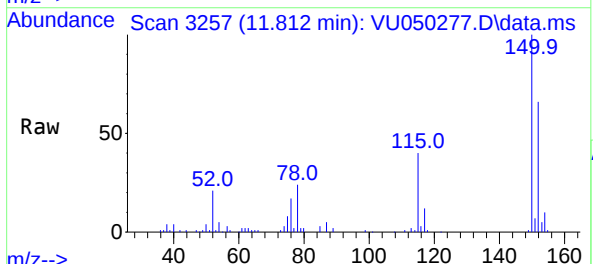
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 25566
Ion Ratio Lower Upper
43 100
58 68.5 50.6 76.0
57 22.2 16.0 24.0
100 9.6 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.907 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050277.D
Acq: 12 Aug 2022 13:14



Tgt Ion: 75 Resp: 4542
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 27.9 25.8 38.6

