

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050288.D
 Acq On : 12 Aug 2022 18:25
 Operator : SY/MD
 Sample : N4072-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

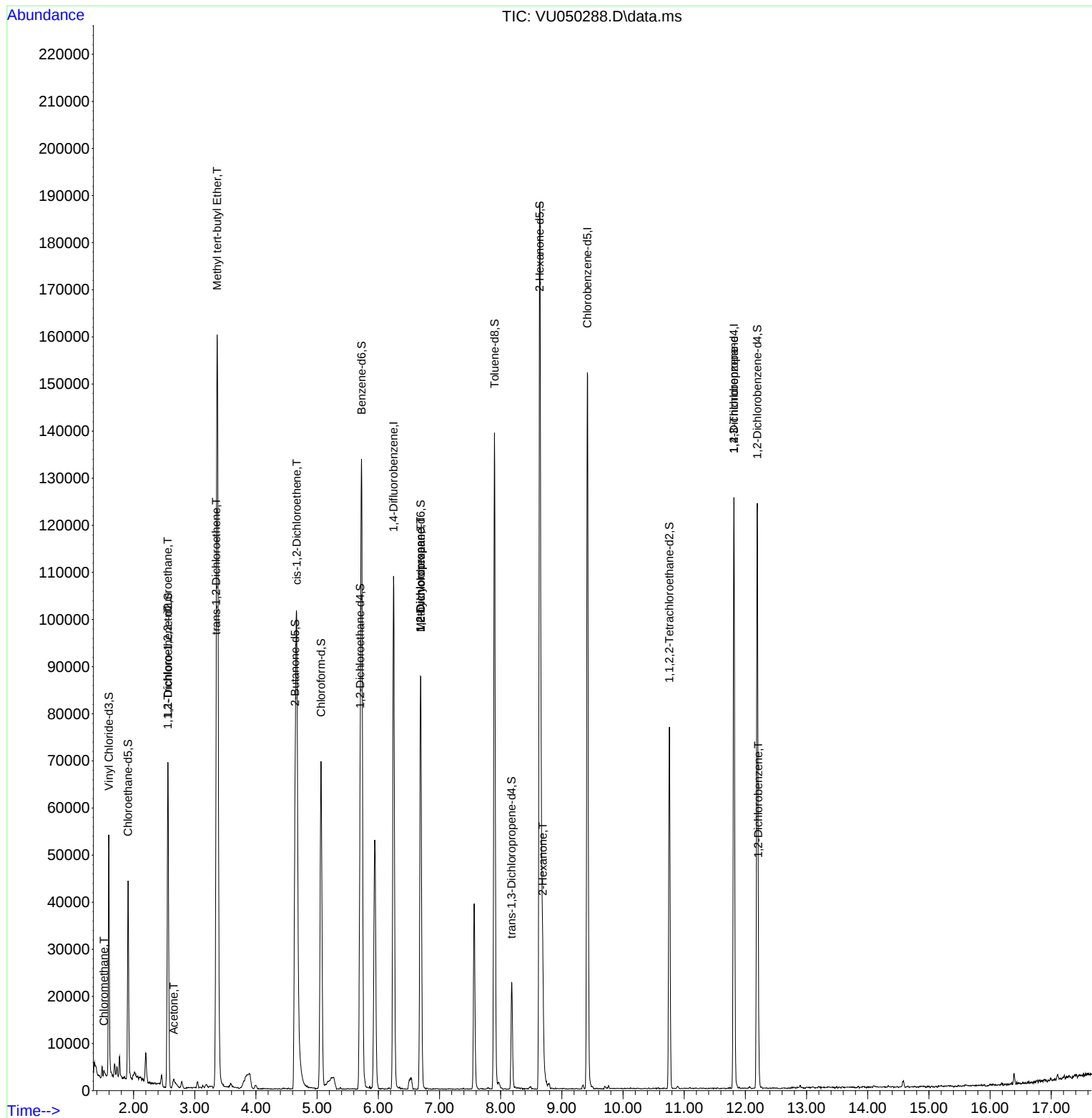
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89681	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	35986	4.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.909	69	31066	5.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.562	65	13279	4.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.642	46	111147	61.070	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.140%
24) Chloroform-d	5.063	84	66319	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.703	65	36117	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.726	84	125398	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.694	67	44624	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.899	98	95882	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.179	79	13791	4.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.636	63	57896	50.128	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39530	4.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	33268	5.124	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1371	0.127	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	356	0.061	ug/L #	22
13) Acetone	2.658	43	4283	4.226	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	171154	10.579	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	2063	0.297	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	34883	4.528	ug/L	95
35) Methylcyclohexane	6.694	83	9950	1.028	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4567	0.553	ug/L #	89
48) 2-Hexanone	8.687	43	15679	4.240	ug/L #	86
61) 1,2,3-Trichloropropane	11.812	75	3982	0.882	ug/L #	66
67) 1,2-Dichlorobenzene	12.211	146	2485	0.230	ug/L #	91

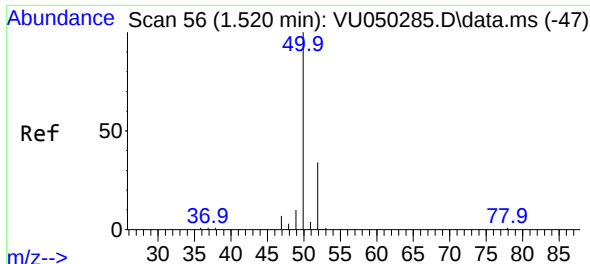
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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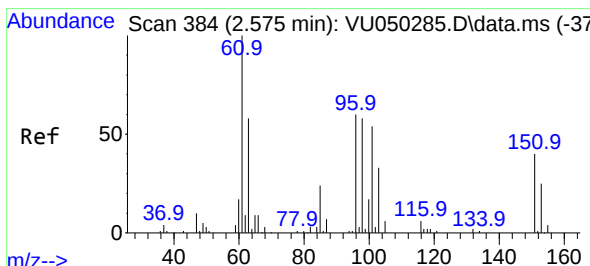
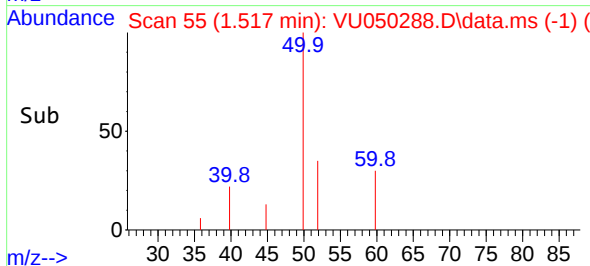
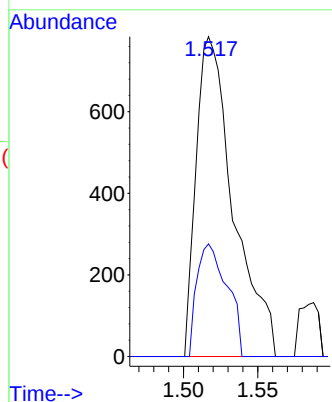
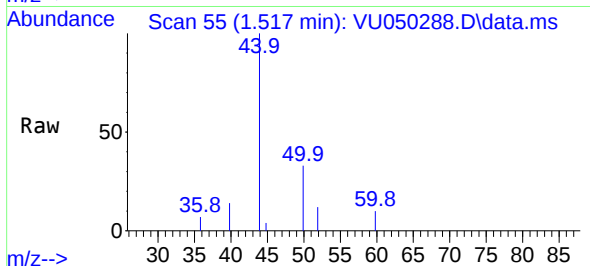




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050288.D
Acq: 12 Aug 2022 18:25

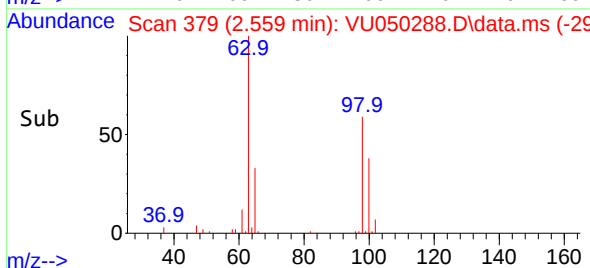
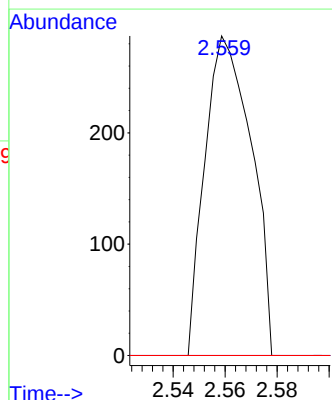
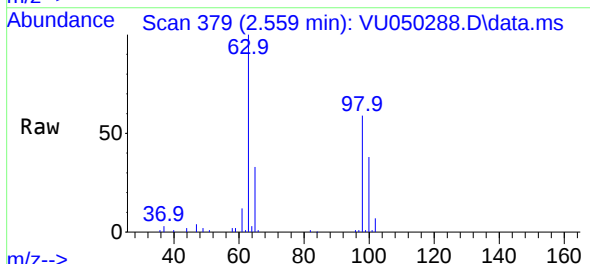
Instrument :
MSVOA_U
ClientSampleId :

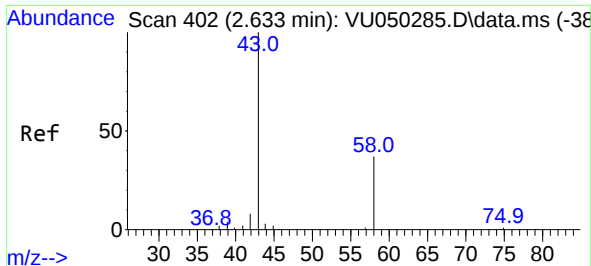
Tgt Ion: 50 Resp: 1371
Ion Ratio Lower Upper
50 100
52 35.2 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU050288.D
Acq: 12 Aug 2022 18:25

Tgt Ion: 101 Resp: 356
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

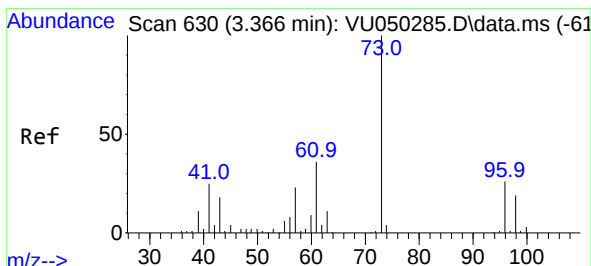
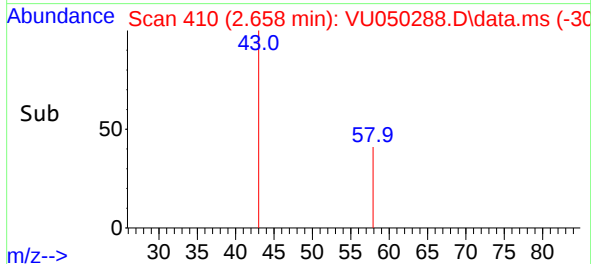
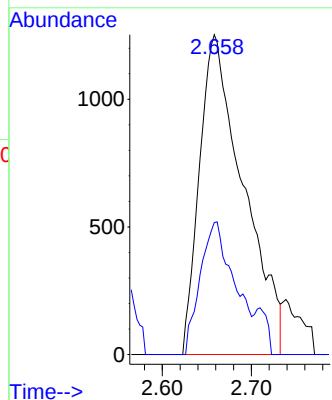
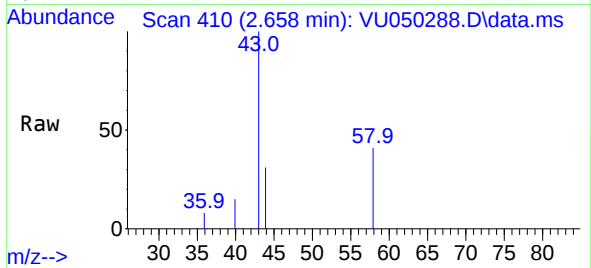




#13
Acetone
Concen: 4.226 ug/L
RT: 2.658 min Scan# 41
Delta R.T. 0.026 min
Lab File: VU050288.D
Acq: 12 Aug 2022 18:25

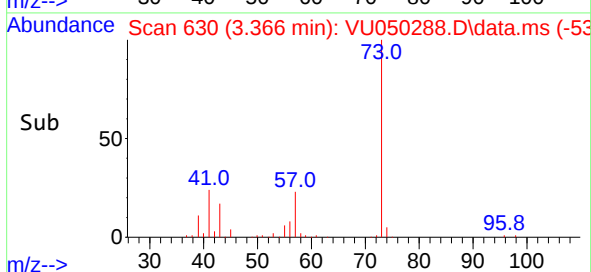
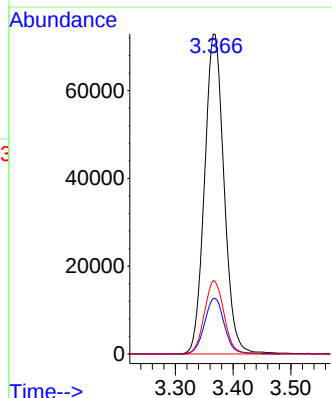
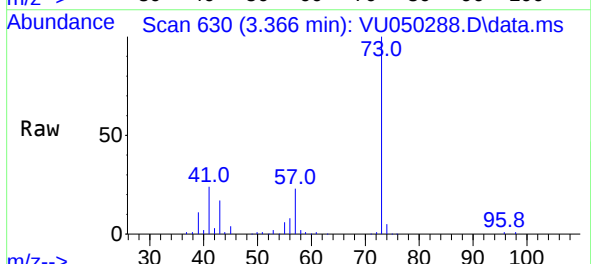
Instrument :
MSVOA_U
ClientSampleId :

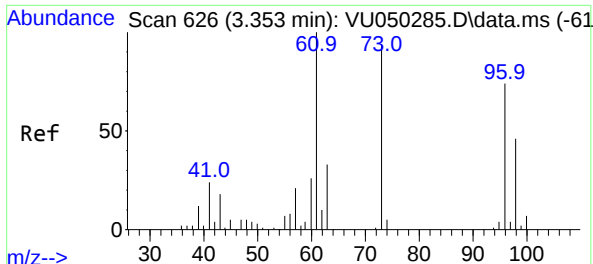
Tgt Ion: 43 Resp: 4283
Ion Ratio Lower Upper
43 100
58 32.1 0.0 64.0



#17
Methyl tert-butyl Ether
Concen: 10.579 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU050288.D
Acq: 12 Aug 2022 18:25

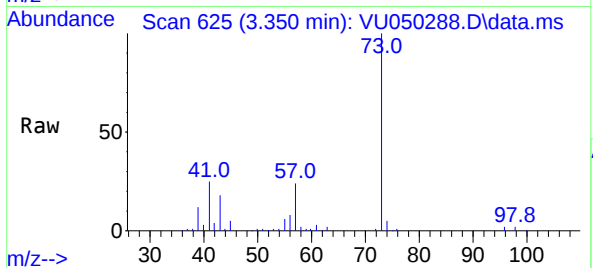
Tgt Ion: 73 Resp: 171154
Ion Ratio Lower Upper
73 100
43 17.7 13.5 20.3
57 23.0 17.4 26.2



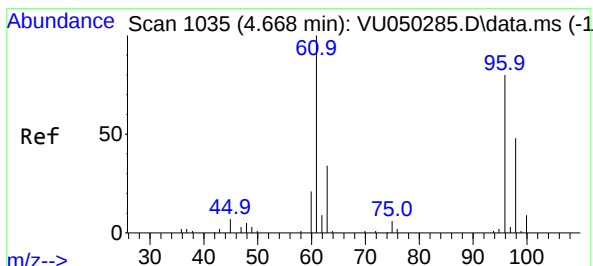
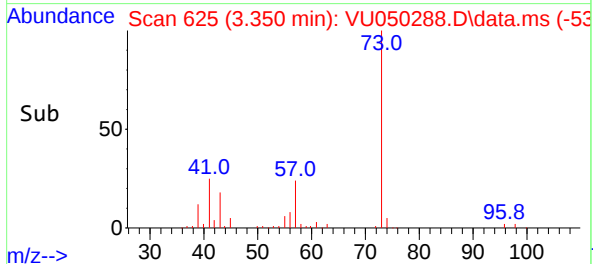
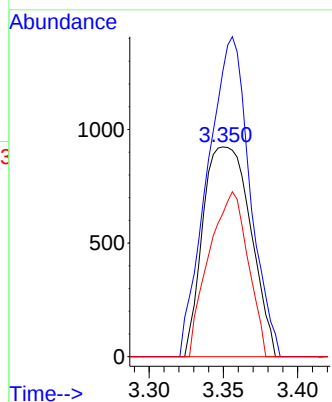


#18
trans-1,2-Dichloroethene
Concen: 0.297 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050288.D
Acq: 12 Aug 2022 18:25

Instrument :
MSVOA_U
ClientSampleId :

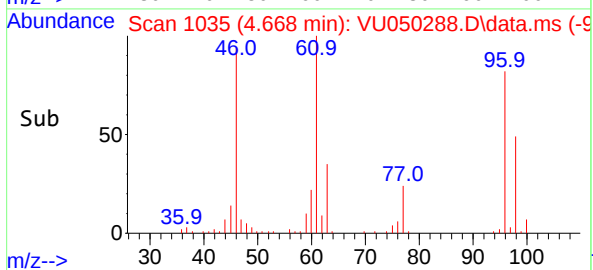
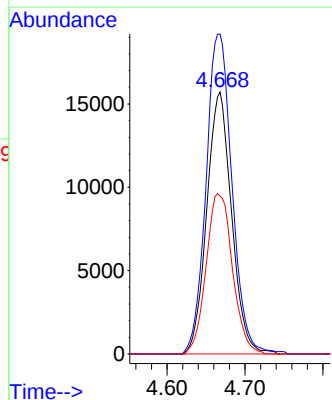
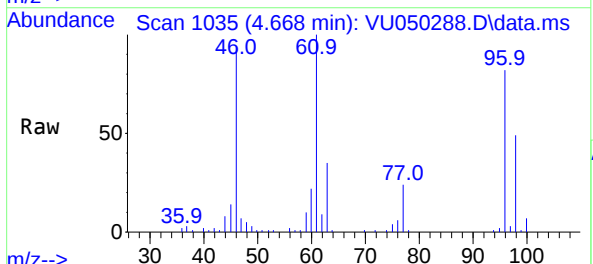


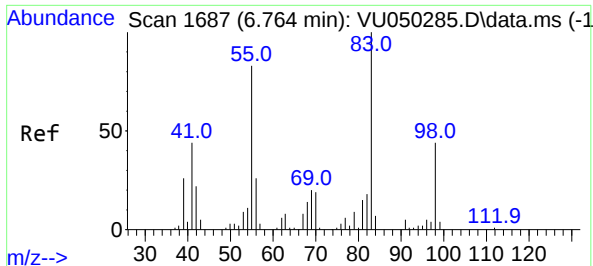
Tgt Ion: 96 Resp: 2063
Ion Ratio Lower Upper
96 100
61 136.3 92.3 171.5
98 68.4 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 4.528 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050288.D
Acq: 12 Aug 2022 18:25

Tgt Ion: 96 Resp: 34883
Ion Ratio Lower Upper
96 100
61 122.1 89.0 165.4
98 60.3 45.2 84.0





#35

Methylcyclohexane

Concen: 1.028 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050288.D

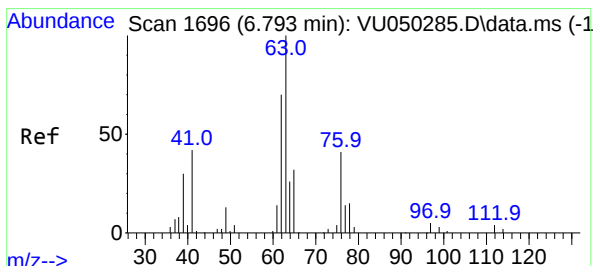
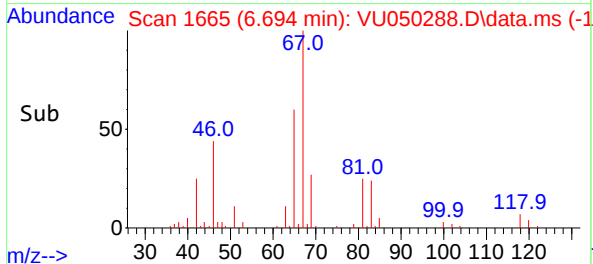
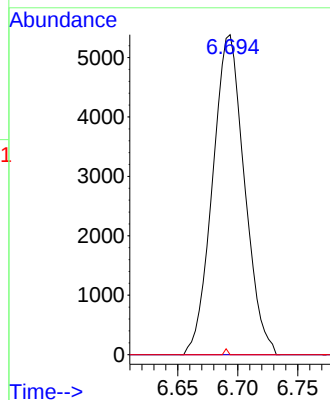
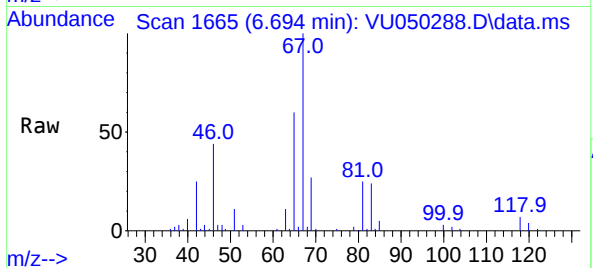
Acq: 12 Aug 2022 18:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 9950
Ion Ratio	Lower Upper
83	100
55	0.0 62.7 94.1#
98	0.2 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.553 ug/L

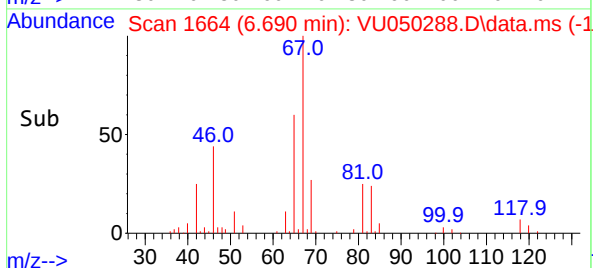
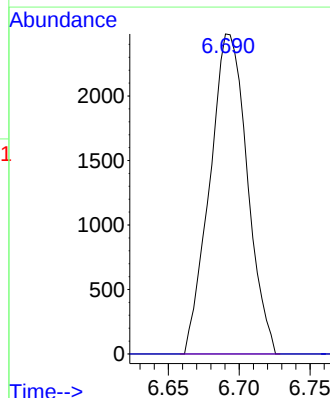
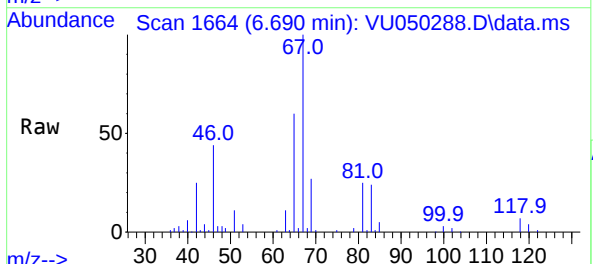
RT: 6.690 min Scan# 1664

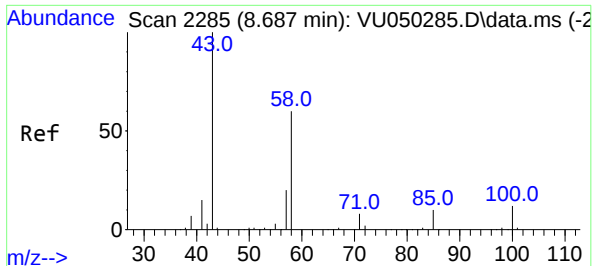
Delta R.T. -0.103 min

Lab File: VU050288.D

Acq: 12 Aug 2022 18:25

Tgt Ion: 63	Resp: 4567
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.4#



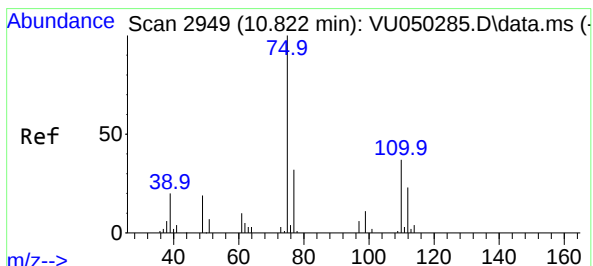
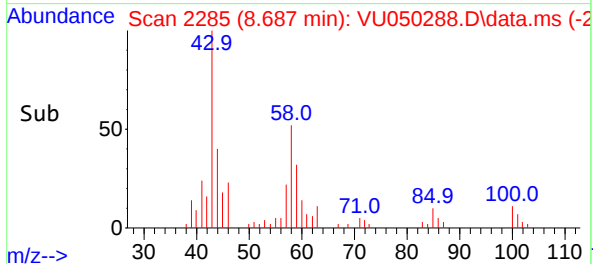
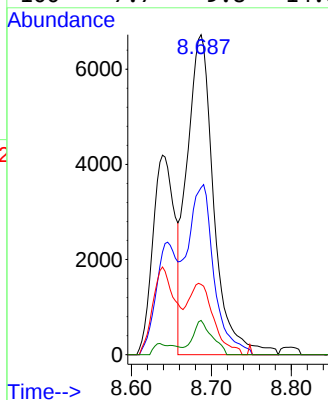
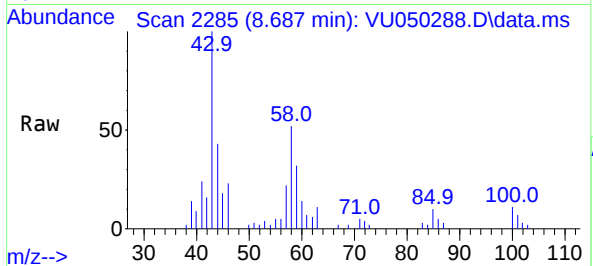


#48
2-Hexanone
Concen: 4.240 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050288.D
Acq: 12 Aug 2022 18:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 15679

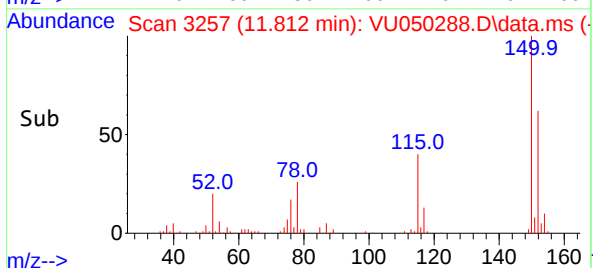
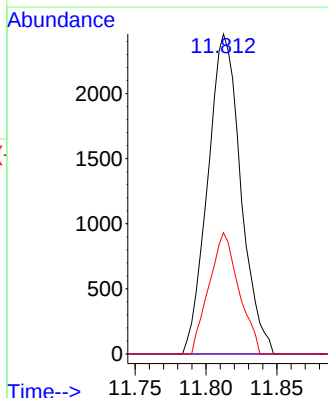
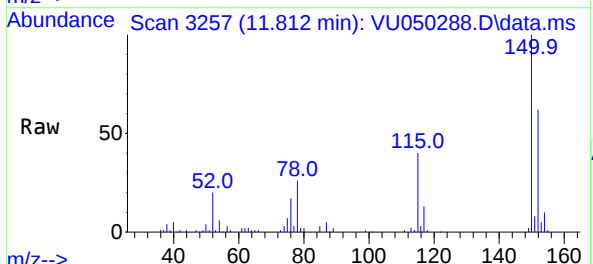
Ion	Ratio	Lower	Upper
43	100		
58	49.0	50.6	76.0#
57	21.3	16.0	24.0
100	7.7	9.8	14.8#

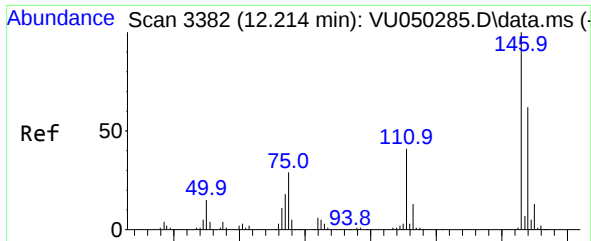


#61
1,2,3-Trichloropropane
Concen: 0.882 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050288.D
Acq: 12 Aug 2022 18:25

Tgt Ion: 75 Resp: 3982

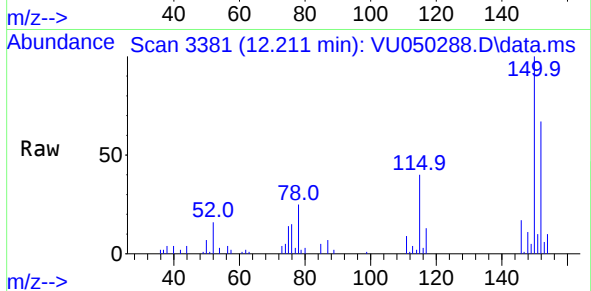
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.5	42.7#
77	34.2	25.8	38.6





#67
 1,2-Dichlorobenzene
 Concen: 0.230 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050288.D
 Acq: 12 Aug 2022 18:25

Instrument :
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Tgt Ion:	146	Resp:	2485
Ion	Ratio	Lower	Upper
146	100		
111	51.1	32.9	49.3#
148	65.9	50.4	75.6

