

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050291.D
 Acq On : 12 Aug 2022 19:39
 Operator : SY/MD
 Sample : N4072-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:23:16 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)

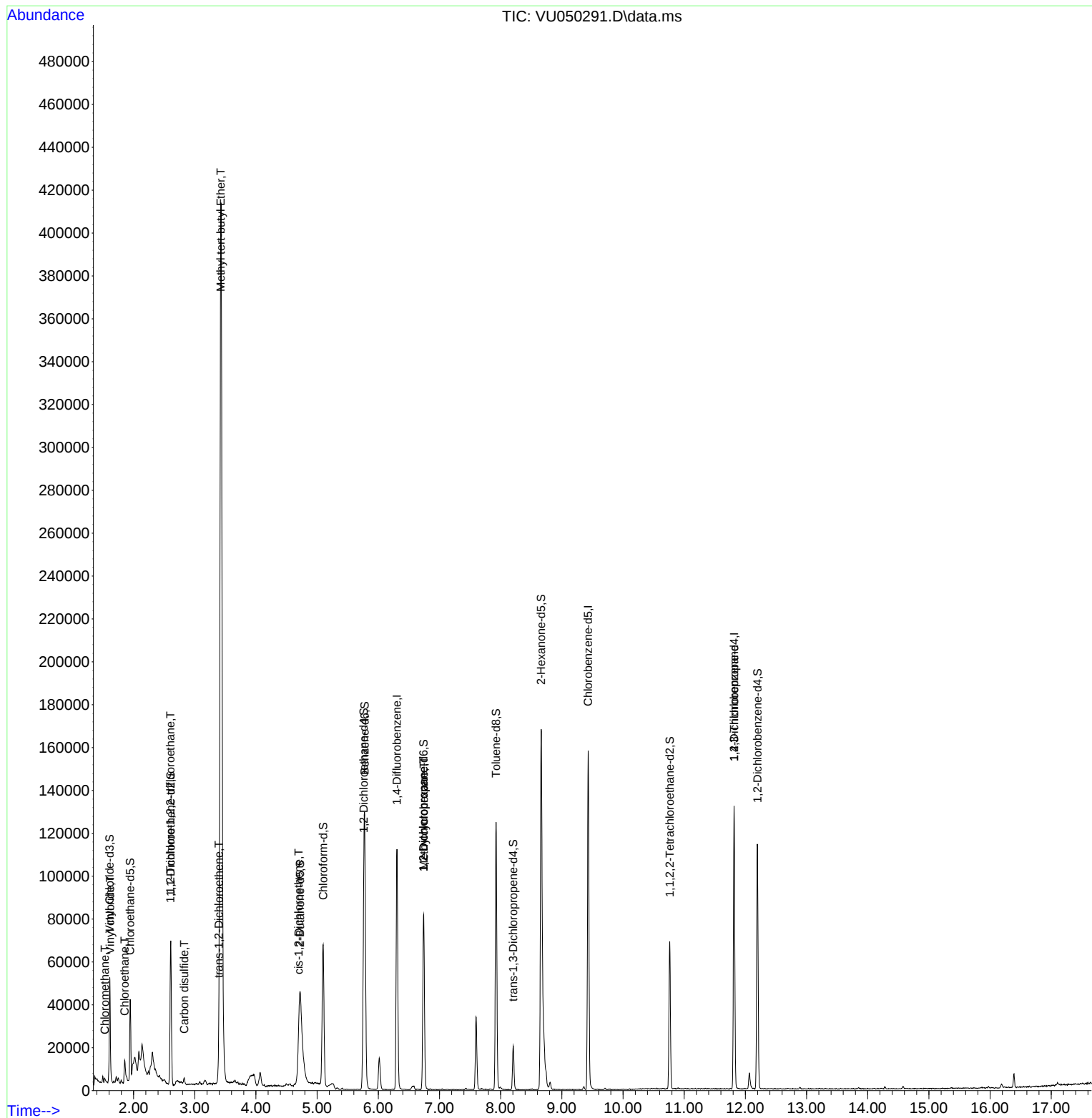
Internal Standards						
1) 1,4-Difluorobenzene	6.305	114	89613	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.430	117	88628	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.816	152	34928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	33561	4.500	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.945	69	28729	4.775	ug/L	0.04
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.607	65	12295	4.218	ug/L	0.05
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.400%	
20) 2-Butanone-d5	4.723	46	107523	59.123	ug/L	0.09
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.240%	
24) Chloroform-d	5.099	84	61207	4.412	ug/L	0.04
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.761	65	33046	4.640	ug/L	0.06
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.777	84	113369	4.099	ug/L	0.05
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.739	67	40376	4.433	ug/L	0.05
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.600%	
41) Toluene-d8	7.925	98	83967	3.437	ug/L	0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	8.205	79	12400	3.799	ug/L	0.03
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.000%	
46) 2-Hexanone-d5	8.661	63	52953	45.753	ug/L	0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.500%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36116	4.516	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.198	152	31375	4.585	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
3) Chloromethane	1.530	50	2375	0.221	ug/L	91
5) Vinyl chloride	1.617	62	3620	0.376	ug/L #	70
8) Chloroethane	1.855	64	14531	2.561	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.604	101	288	0.049	ug/L #	22
14) Carbon disulfide	2.829	76	3191	0.144	ug/L #	91
17) Methyl tert-butyl Ether	3.427	73	493375	30.518	ug/L	97
18) trans-1,2-Dichloroethene	3.392	96	1546	0.223	ug/L	93
22) cis-1,2-Dichloroethene	4.700	96	2939	0.382	ug/L	84
35) Methylcyclohexane	6.742	83	8853	0.913	ug/L #	18
37) 1,2-Dichloropropane	6.739	63	4049	0.490	ug/L #	96
61) 1,2,3-Trichloropropane	11.816	75	4116	0.865	ug/L #	68

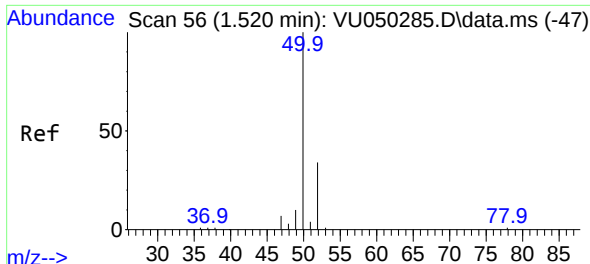
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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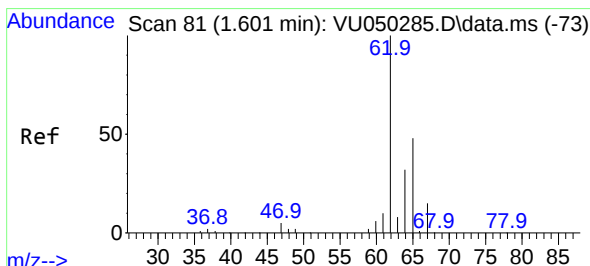
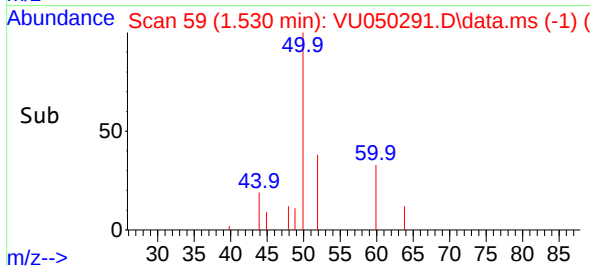
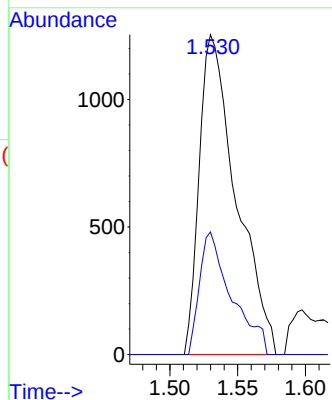
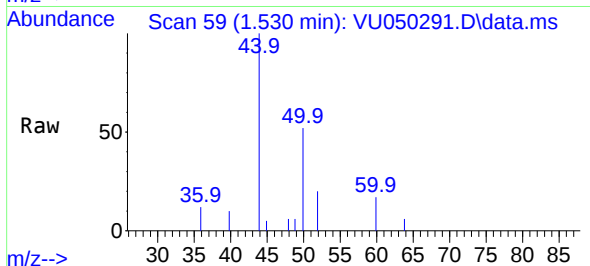




#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.530 min Scan# 51
Delta R.T. 0.010 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

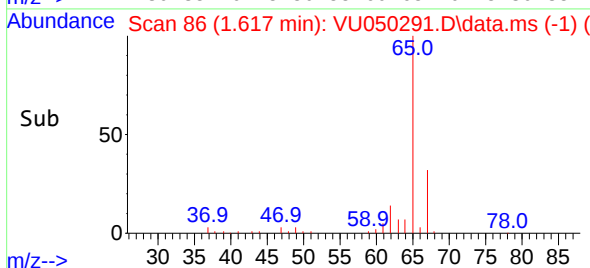
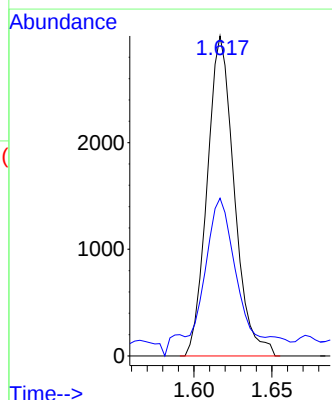
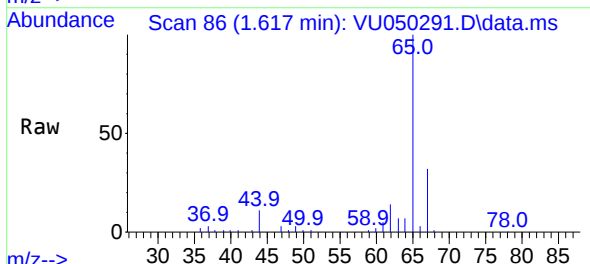
Instrument :
MSVOA_U
ClientSampleId :

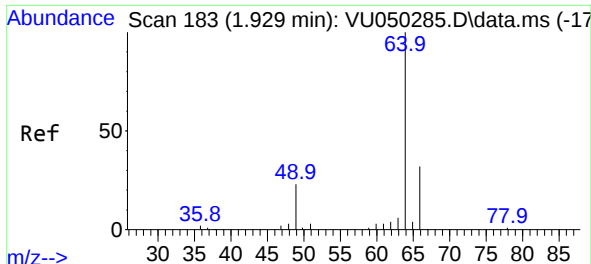
Tgt Ion: 50 Resp: 2375
Ion Ratio Lower Upper
50 100
52 38.4 23.2 43.2



#5
Vinyl chloride
Concen: 0.376 ug/L
RT: 1.617 min Scan# 86
Delta R.T. 0.016 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

Tgt Ion: 62 Resp: 3620
Ion Ratio Lower Upper
62 100
64 49.3 22.8 42.4#

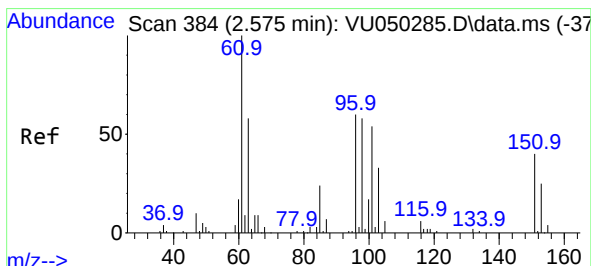
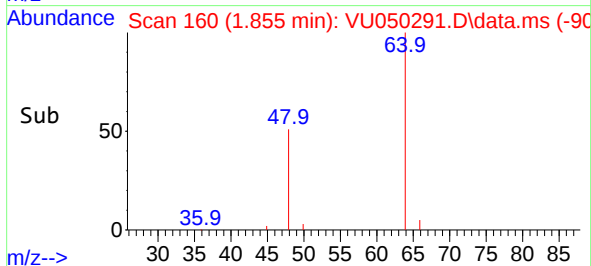
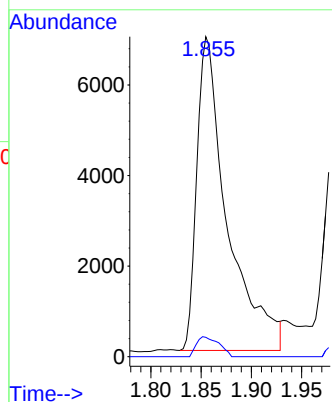
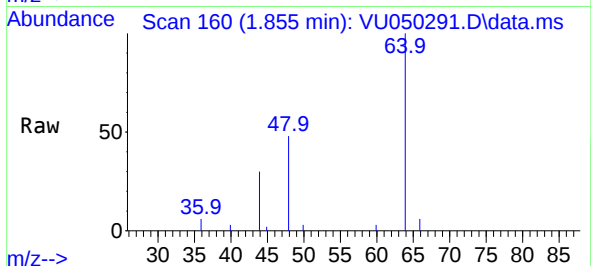




#8
Chloroethane
Concen: 2.561 ug/L
RT: 1.855 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

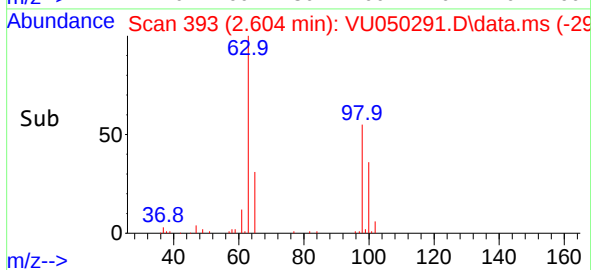
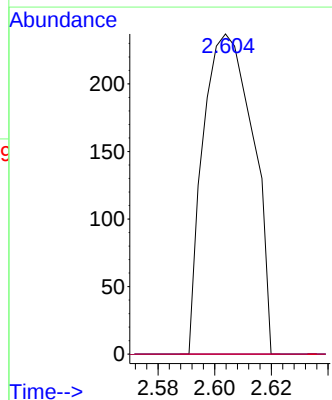
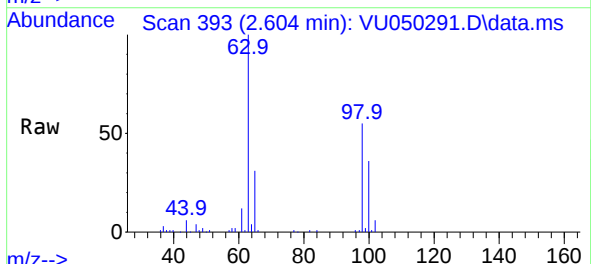
Instrument :
MSVOA_U
ClientSampleId :

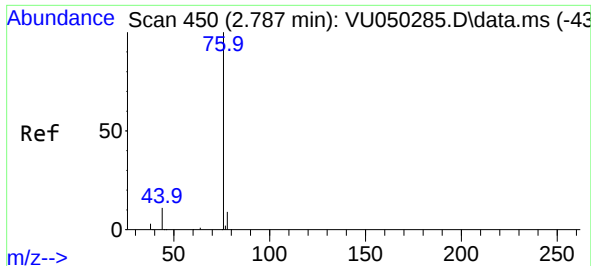
Tgt Ion: 64 Resp: 14531
Ion Ratio Lower Upper
64 100
66 6.0 22.8 42.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.604 min Scan# 393
Delta R.T. 0.029 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

Tgt Ion:101 Resp: 288
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

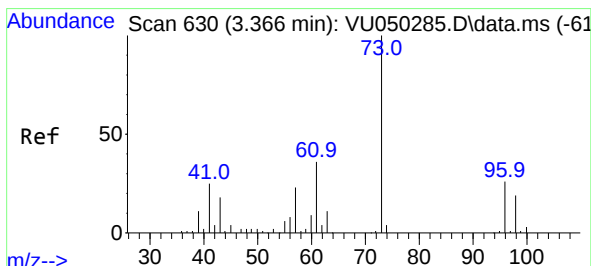
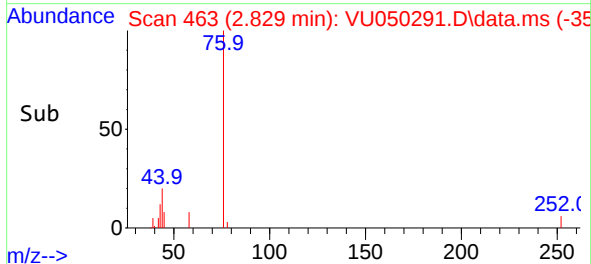
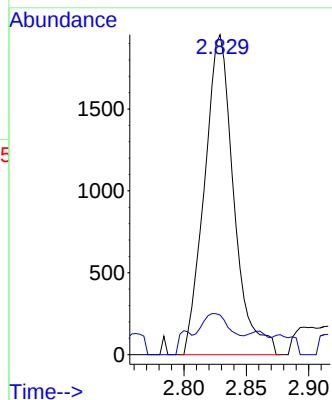
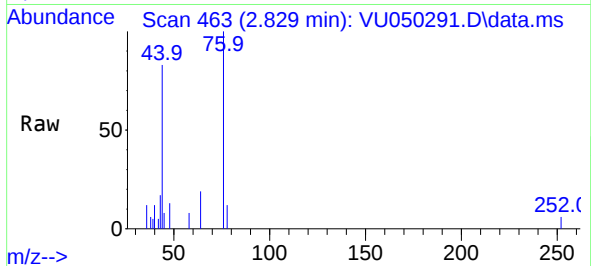




#14
Carbon disulfide
Concen: 0.144 ug/L
RT: 2.829 min Scan# 411
Delta R.T. 0.042 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

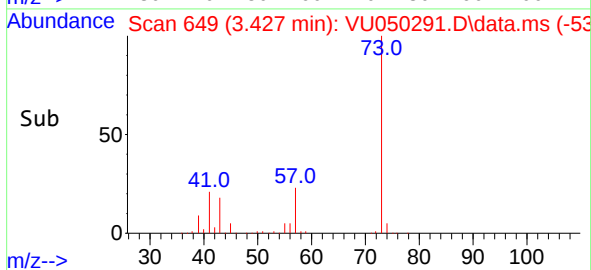
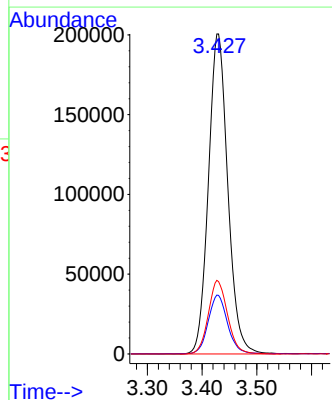
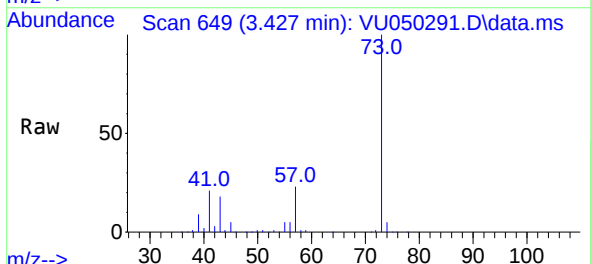
Instrument :
MSVOA_U
ClientSampleId :

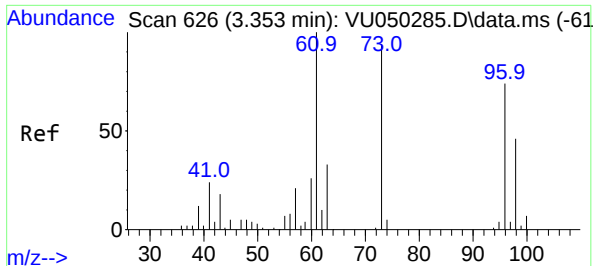
Tgt Ion: 76 Resp: 3191
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.0#



#17
Methyl tert-butyl Ether
Concen: 30.518 ug/L
RT: 3.427 min Scan# 649
Delta R.T. 0.061 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

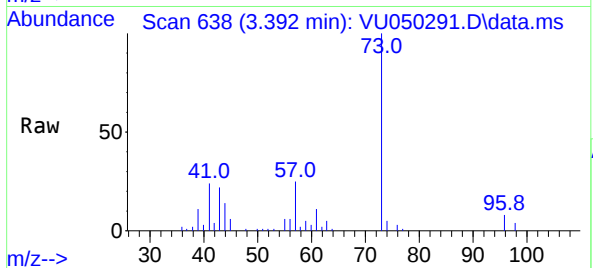
Tgt Ion: 73 Resp: 493375
Ion Ratio Lower Upper
73 100
43 18.2 13.5 20.3
57 22.8 17.4 26.2



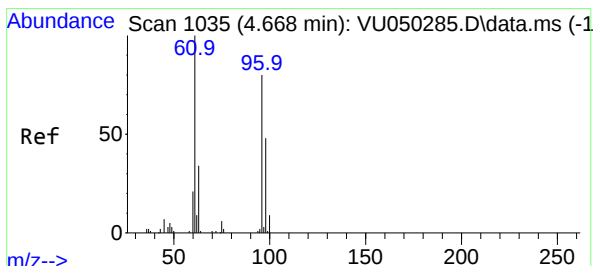
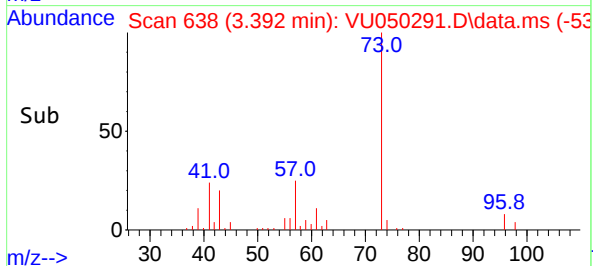
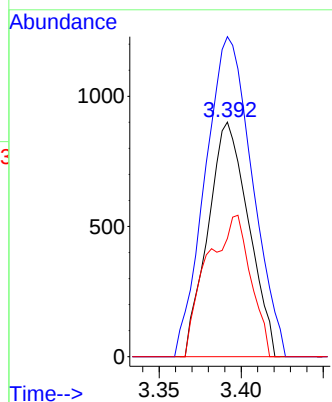


#18
trans-1,2-Dichloroethene
Concen: 0.223 ug/L
RT: 3.392 min Scan# 61
Delta R.T. 0.039 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

Instrument :
MSVOA_U
ClientSampleId :

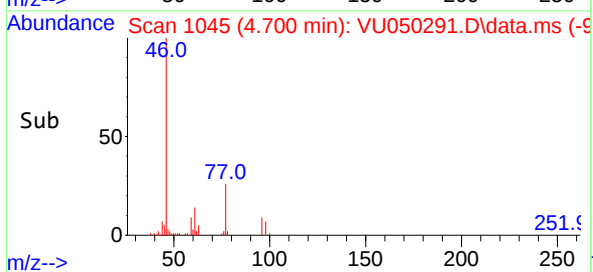
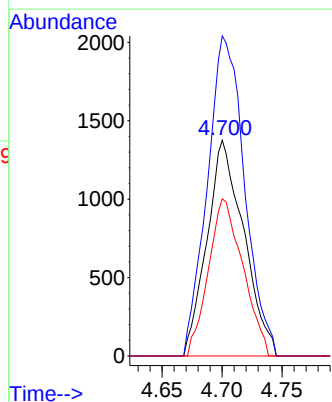
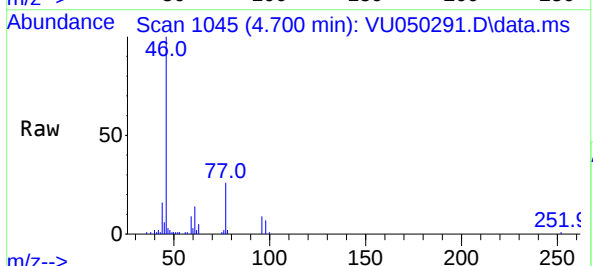


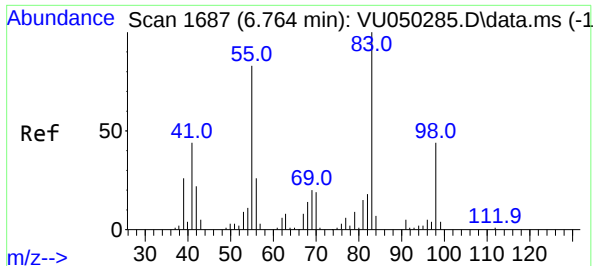
Tgt Ion: 96 Resp: 1546
Ion Ratio Lower Upper
96 100
61 136.4 92.3 171.5
98 50.4 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 0.382 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. 0.032 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

Tgt Ion: 96 Resp: 2939
Ion Ratio Lower Upper
96 100
61 148.3 89.0 165.4
98 72.8 45.2 84.0

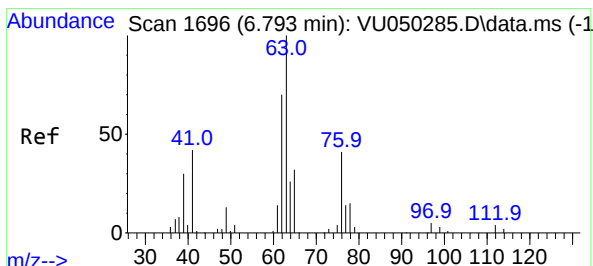
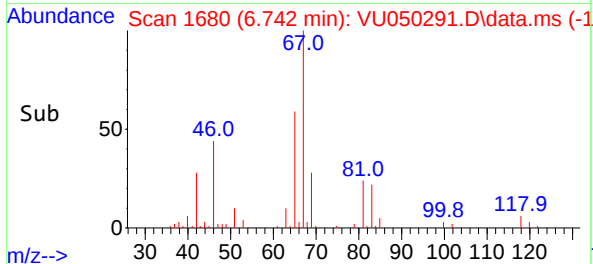
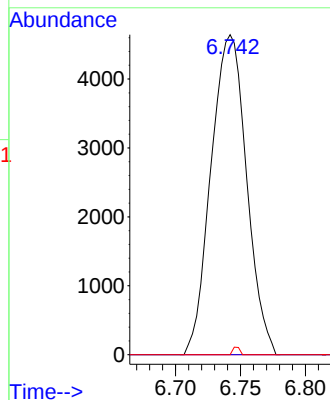
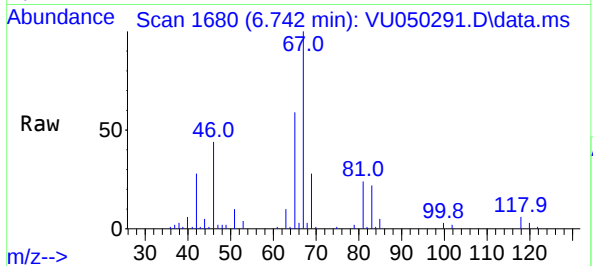




#35
Methylcyclohexane
Concen: 0.913 ug/L
RT: 6.742 min Scan# 1
Delta R.T. -0.022 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

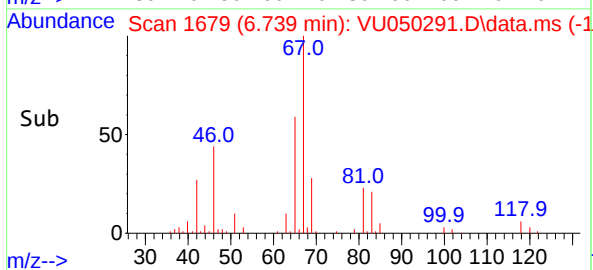
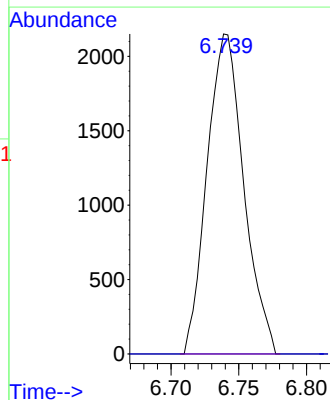
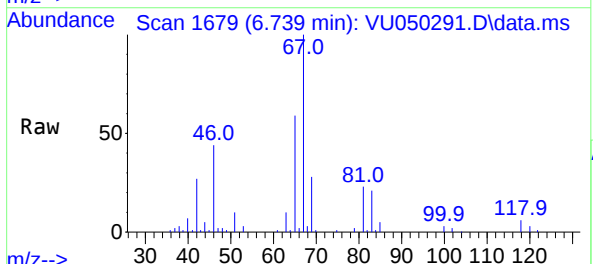
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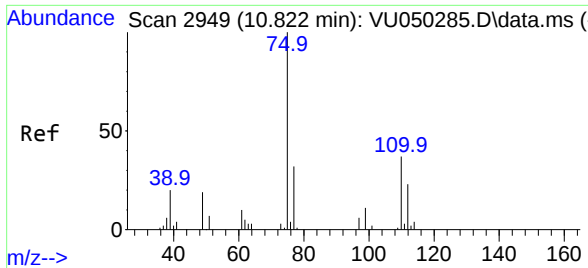
Tgt Ion: 83 Resp: 8853
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.5 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.739 min Scan# 1679
Delta R.T. -0.055 min
Lab File: VU050291.D
Acq: 12 Aug 2022 19:39

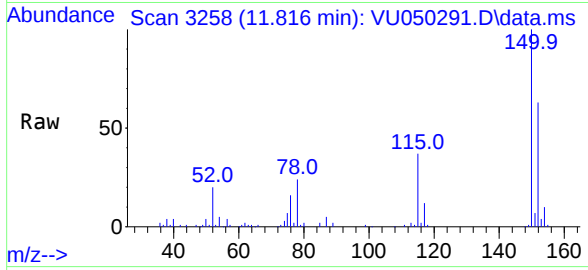
Tgt Ion: 63 Resp: 4049
Ion Ratio Lower Upper
63 100
112 2.5 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.865 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU050291.D
 Acq: 12 Aug 2022 19:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4116
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 31.6 25.8 38.6

