

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050233.D
 Acq On : 11 Aug 2022 16:19
 Operator : SY/MD
 Sample : N4160-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 01:33:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

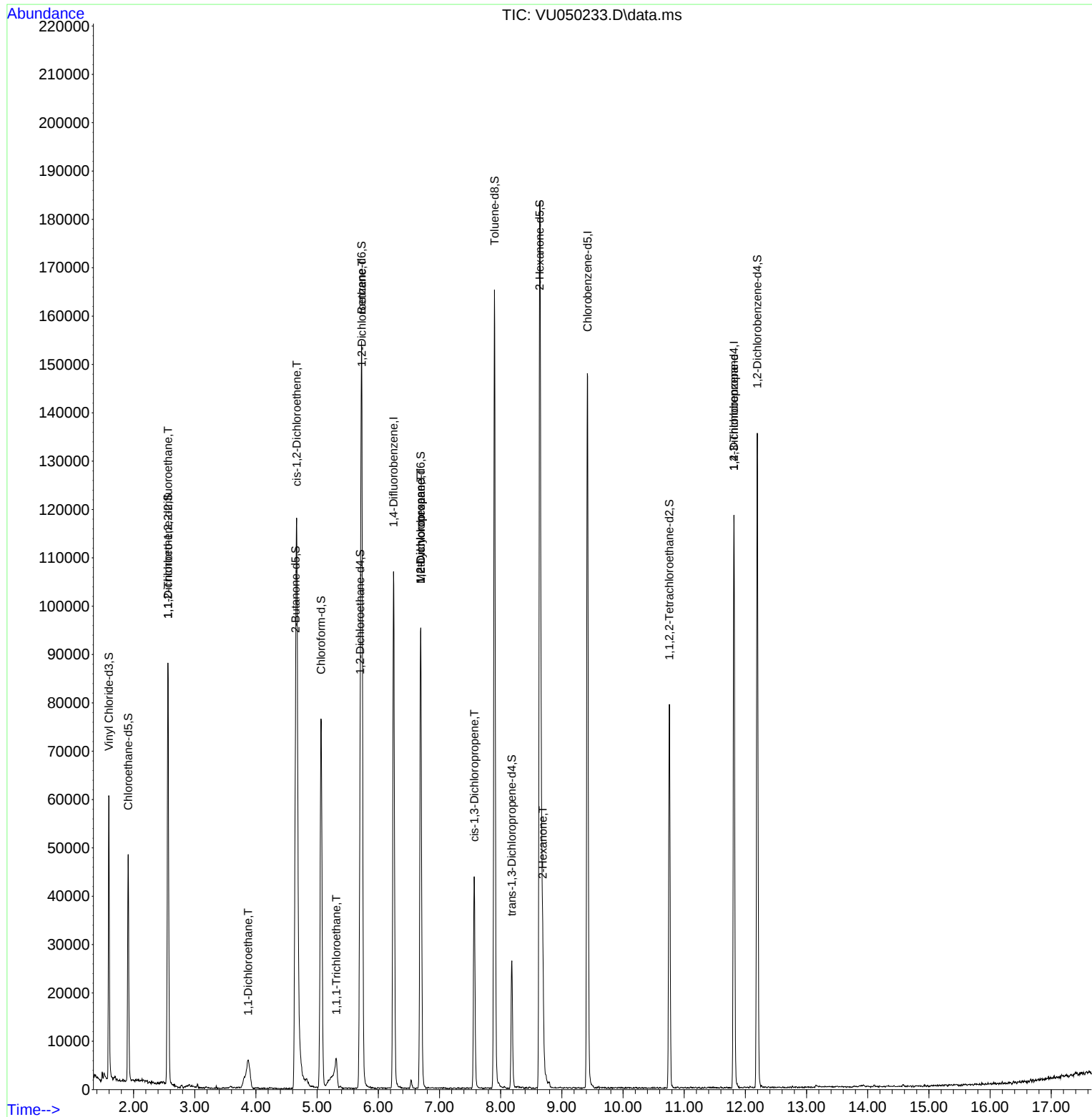
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87202	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	43720	6.025	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 120.400%		
7) Chloroethane-d5	1.912	69	34932	5.966	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 119.400%		
11) 1,1-Dichloroethene-d2	2.562	65	16394	5.780	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 115.600%		
20) 2-Butanone-d5	4.649	46	106187	60.003	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 120.000%		
24) Chloroform-d	5.063	84	73766	5.465	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.200%		
26) 1,2-Dichloroethane-d4	5.703	65	39085	5.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.800%		
32) Benzene-d6	5.729	84	145152	5.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
36) 1,2-Dichloropropane-d6	6.693	67	49219	5.513	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.200%		
41) Toluene-d8	7.899	98	114379	4.776	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.600%		
43) trans-1,3-Dichloroprop...	8.182	79	15895	4.968	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.400%		
46) 2-Hexanone-d5	8.639	63	59830	52.732	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.460%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41454	5.287	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	36806	5.672	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.400%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	473	0.083	ug/L #	22
19) 1,1-Dichloroethane	3.870	63	3154	0.247	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	43013	5.742	ug/L	97
27) 1,2-Dichloroethane	5.732	62	768	0.093	ug/L #	73
29) 1,1,1-Trichloroethane	5.314	97	3293	0.309	ug/L	97
35) Methylcyclohexane	6.693	83	11174	1.176	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4861	0.599	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	973	0.092	ug/L #	46
48) 2-Hexanone	8.687	43	14014	3.858	ug/L #	85
61) 1,2,3-Trichloropropane	11.812	75	4203	0.932	ug/L #	66

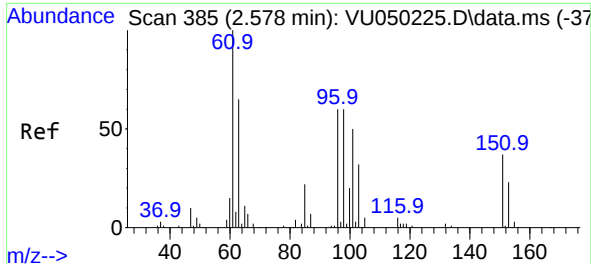
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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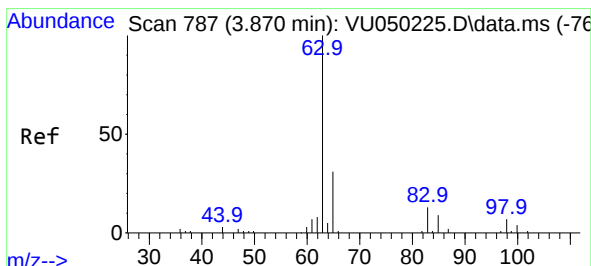
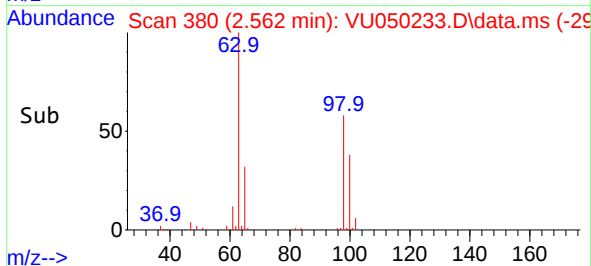
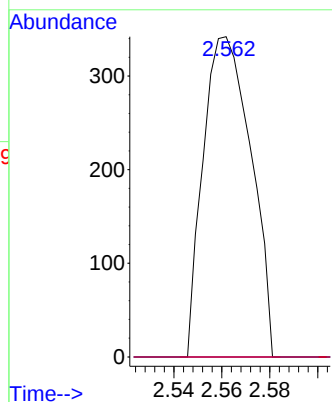
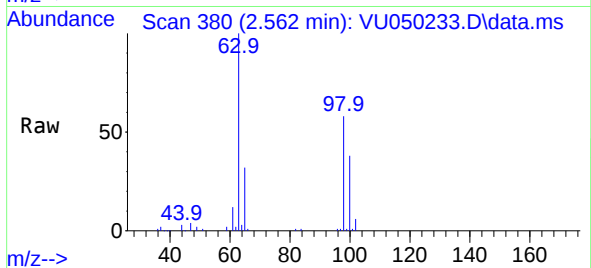




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.083 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050233.D
Acq: 11 Aug 2022 16:19

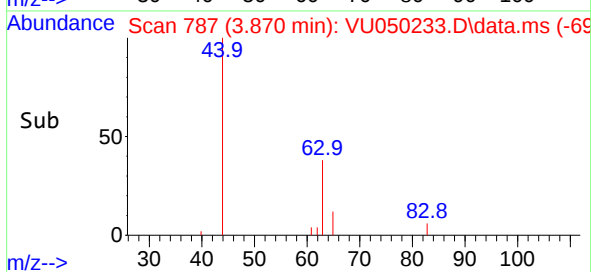
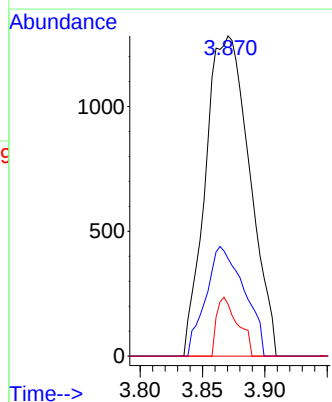
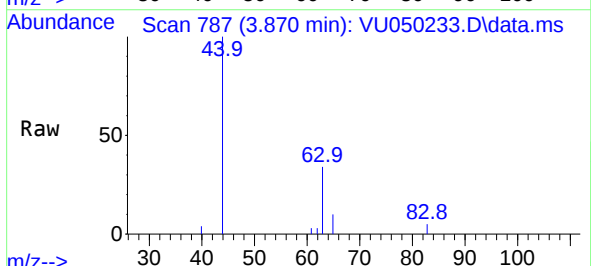
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MSVOA_U
ClientSampleId :

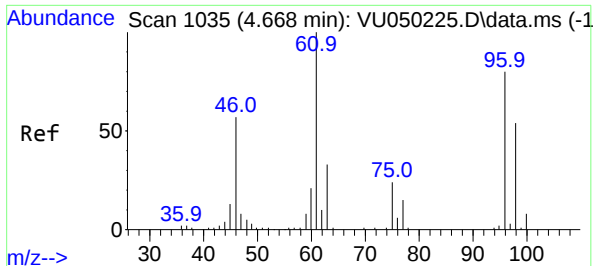
Tgt Ion:101 Resp: 473
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#19
1,1-Dichloroethane
Concen: 0.247 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.000 min
Lab File: VU050233.D
Acq: 11 Aug 2022 16:19

Tgt Ion: 63 Resp: 3154
Ion Ratio Lower Upper
63 100
65 30.5 22.7 42.3
83 16.2 9.8 18.2

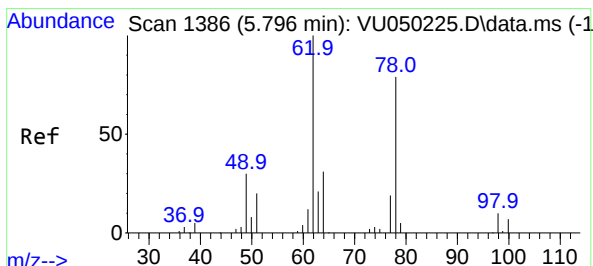
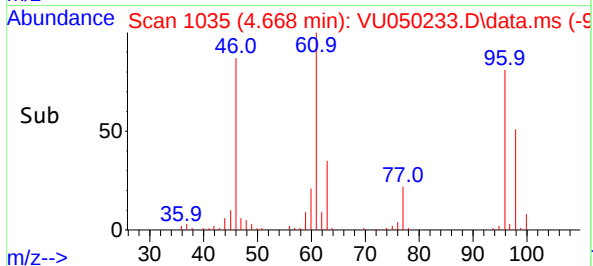
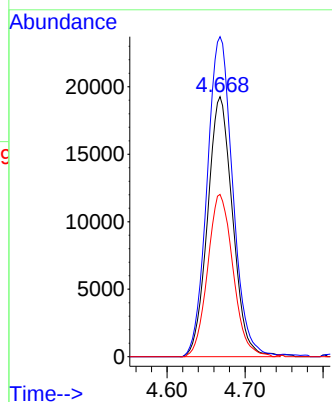
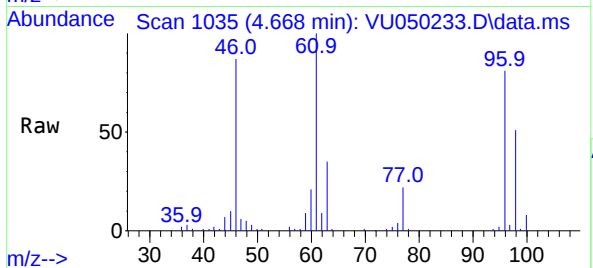




#22
cis-1,2-Dichloroethene
Concen: 5.742 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050233.D
Acq: 11 Aug 2022 16:19

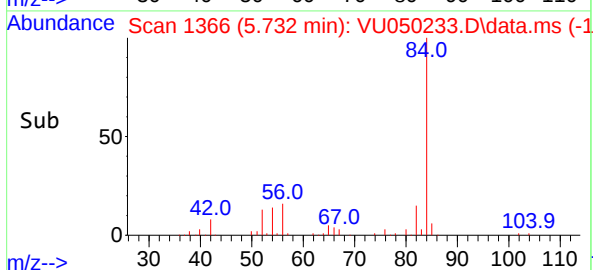
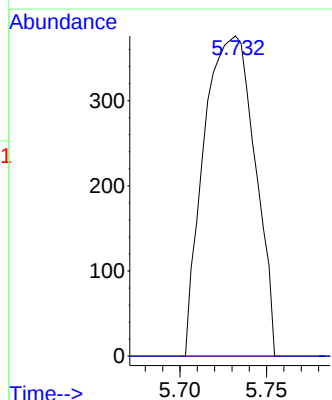
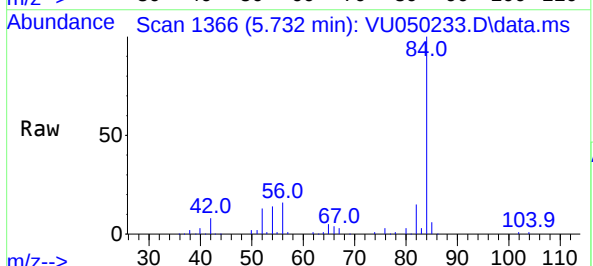
Instrument :
MSVOA_U
ClientSampleId :

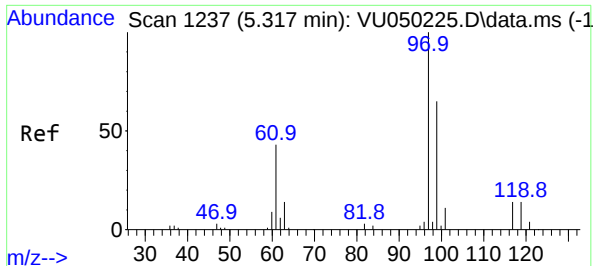
Tgt Ion: 96 Resp: 43013
Ion Ratio Lower Upper
96 100
61 123.0 89.0 165.4
98 62.4 45.2 84.0



#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.064 min
Lab File: VU050233.D
Acq: 11 Aug 2022 16:19

Tgt Ion: 62 Resp: 768
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#

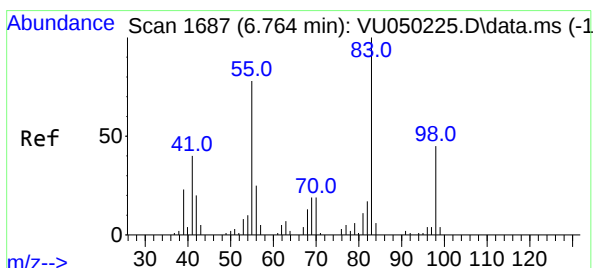
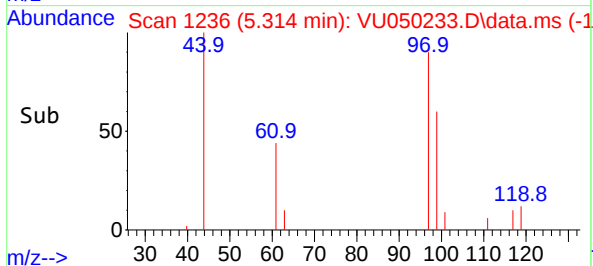
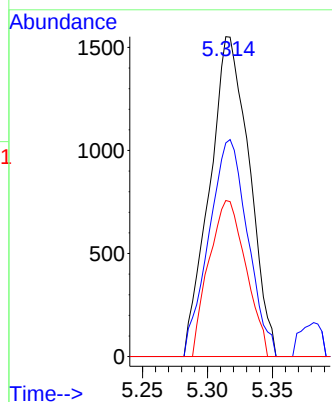
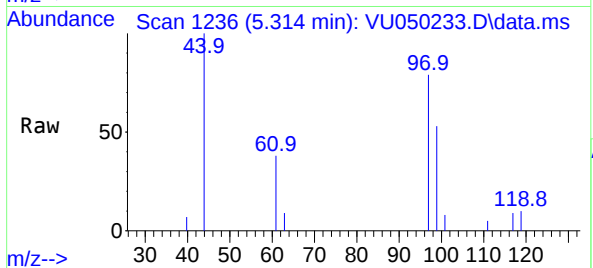




#29
1,1,1-Trichloroethane
Concen: 0.309 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050233.D
Acq: 11 Aug 2022 16:19

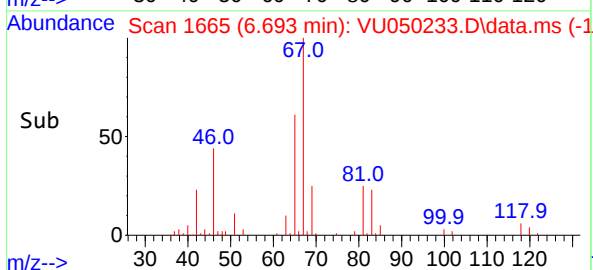
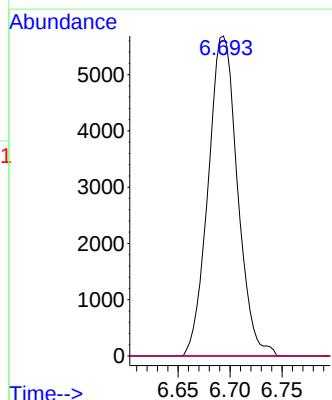
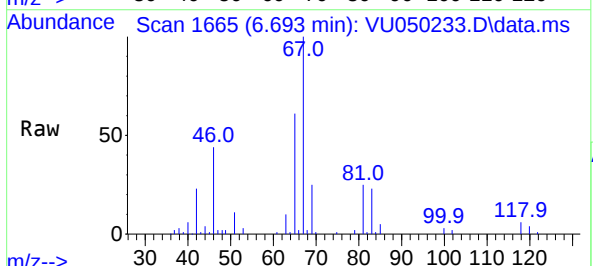
Instrument :
MSVOA_U
ClientSampleId :

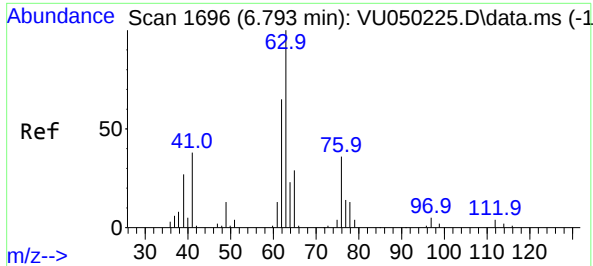
Tgt Ion: 97	Resp:	3293	
Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.5	77.3
61	45.5	34.2	51.4



#35
Methylcyclohexane
Concen: 1.176 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050233.D
Acq: 11 Aug 2022 16:19

Tgt Ion: 83	Resp:	11174	
Ion Ratio	Lower	Upper	
83 100			
55 0.0	62.7	94.1#	
98 0.7	36.2	54.2#	

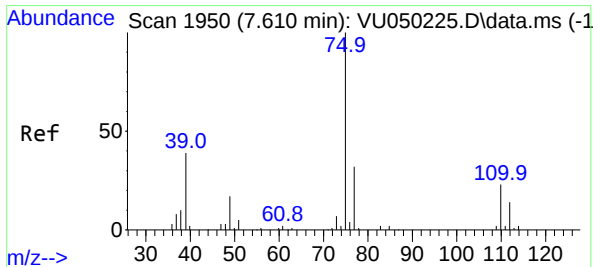
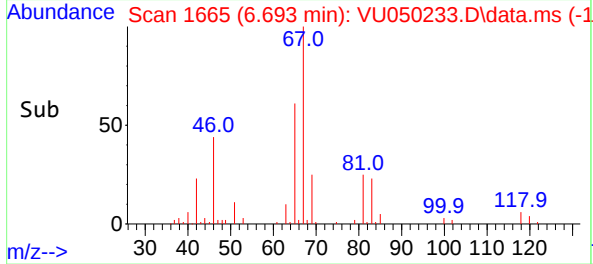
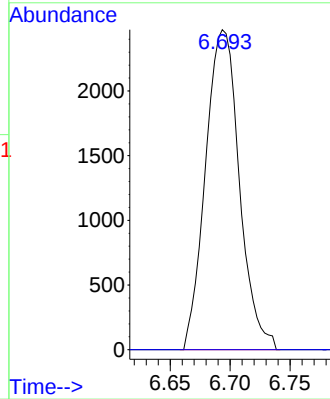
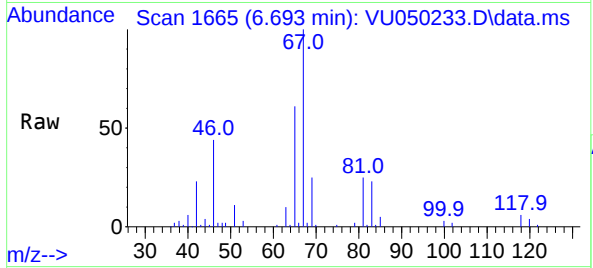




#37
 1,2-Dichloropropane
 Concen: 0.599 ug/L
 RT: 6.693 min Scan# 1
 Delta R.T. -0.100 min
 Lab File: VU050233.D
 Acq: 11 Aug 2022 16:19

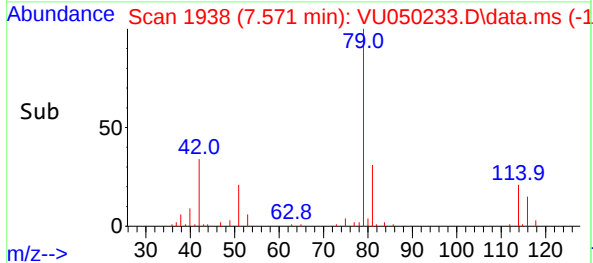
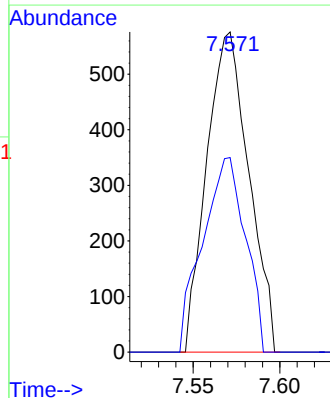
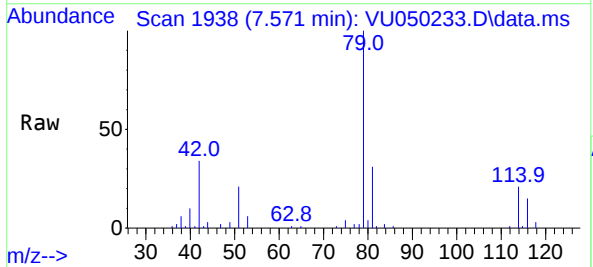
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 ClientSampleId :

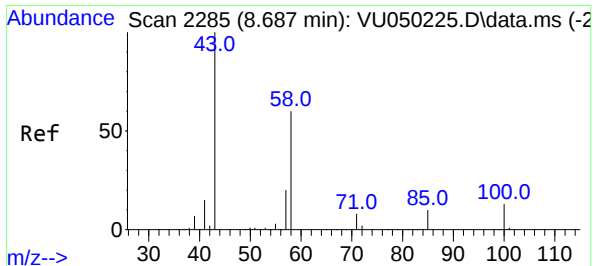
Tgt Ion: 63 Resp: 4861
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.039 min
 Lab File: VU050233.D
 Acq: 11 Aug 2022 16:19

Tgt Ion: 75 Resp: 973
 Ion Ratio Lower Upper
 75 100
 77 60.8 21.8 40.4#

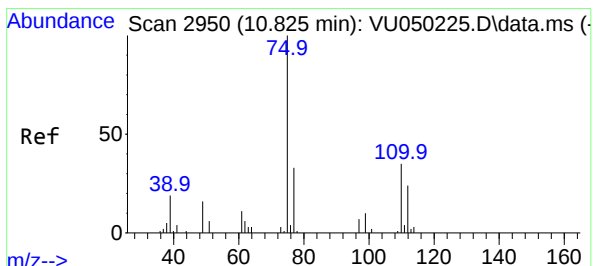
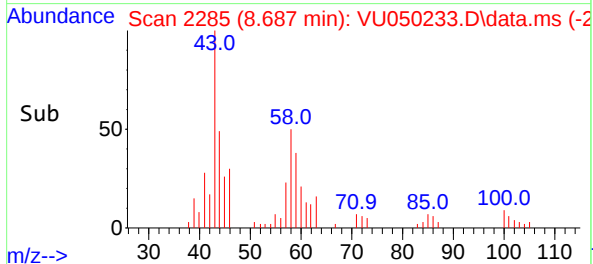
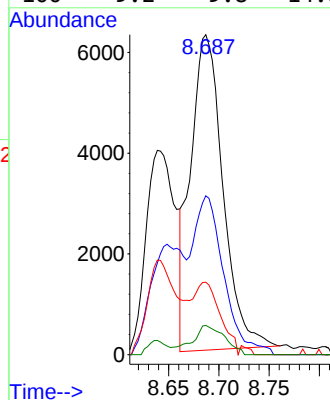
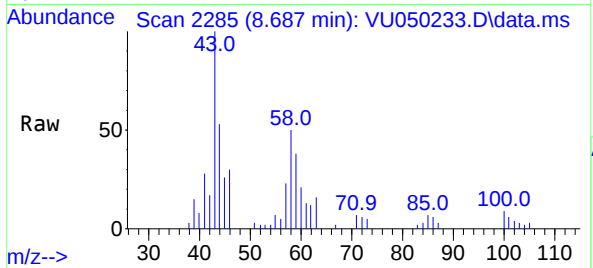




#48
2-Hexanone
Concen: 3.858 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050233.D
Acq: 11 Aug 2022 16:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 14014
Ion Ratio Lower Upper
43 100
58 48.0 50.6 76.0#
57 18.6 16.0 24.0
100 9.2 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.932 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050233.D
Acq: 11 Aug 2022 16:19

Tgt Ion: 75 Resp: 4203
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 29.3 25.8 38.6

