

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050255.D
 Acq On : 12 Aug 2022 02:35
 Operator : SY/MD
 Sample : N4161-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 05:03:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 04:56:24 2022
 Response via : Initial Calibration

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

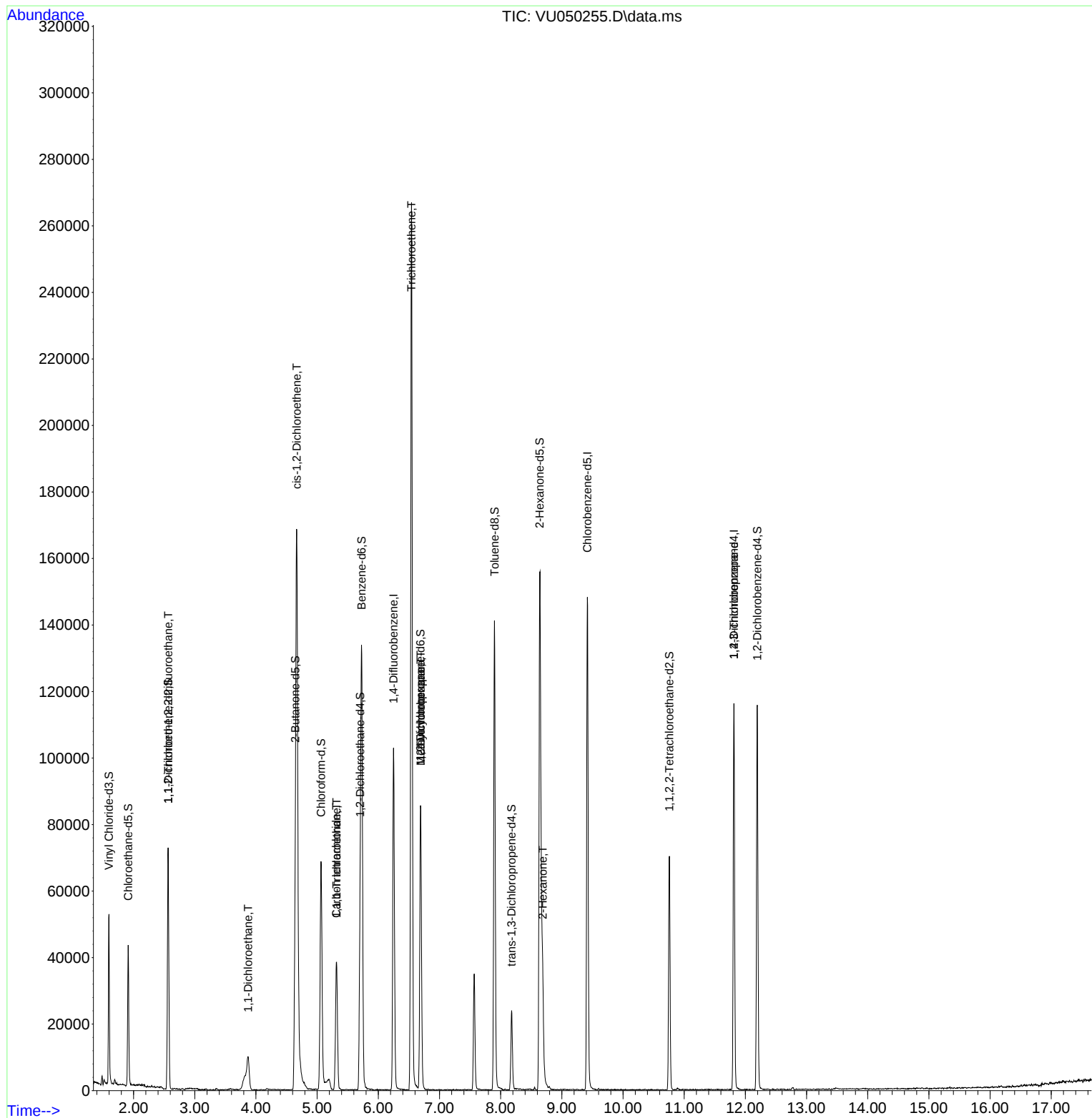
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85140	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	85882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37455	5.286	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.800%	
7) Chloroethane-d5	1.912	69	31344	5.483	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.600%	
11) 1,1-Dichloroethene-d2	2.565	65	13921	5.027	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.600%	
20) 2-Butanone-d5	4.645	46	95381	55.202	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.400%	
24) Chloroform-d	5.063	84	65037	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.703	65	35959	5.314	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.729	84	126840	4.733	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.690	67	43724	4.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.899	98	98368	4.156	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	8.179	79	13207	4.176	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.639	63	48175	42.955	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.920%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37860	4.885	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	32364	5.082	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	368	0.066	ug/L #	22
19) 1,1-Dichloroethane	3.870	63	6008	0.481	ug/L #	94
22) cis-1,2-Dichloroethene	4.668	96	73875	10.101	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	28294	2.686	ug/L	98
31) Carbon tetrachloride	5.314	117	3909	0.453	ug/L	95
34) Trichloroethene	6.542	95	93370	12.830	ug/L	98
35) Methylcyclohexane	6.693	83	9504	1.012	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	4206	0.525	ug/L #	89
48) 2-Hexanone	8.687	43	17847	4.971	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	3918	0.885	ug/L #	67

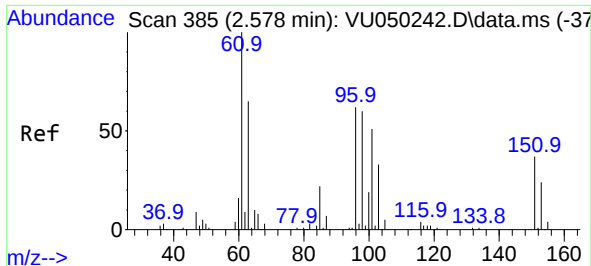
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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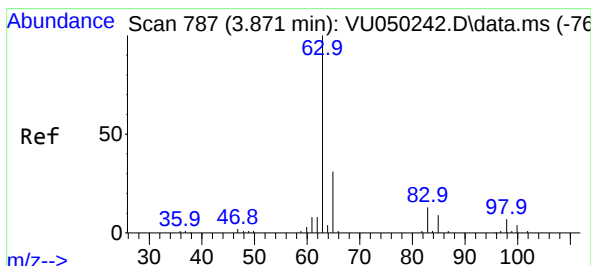
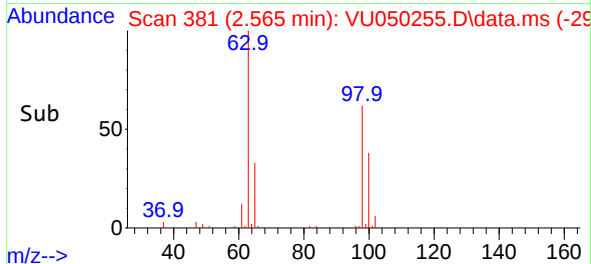
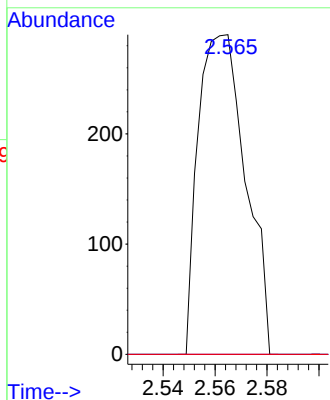
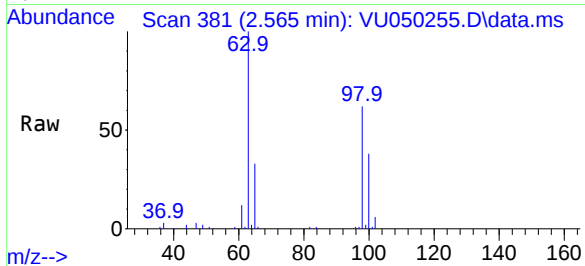




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.066 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050255.D
 Acq: 12 Aug 2022 02:35

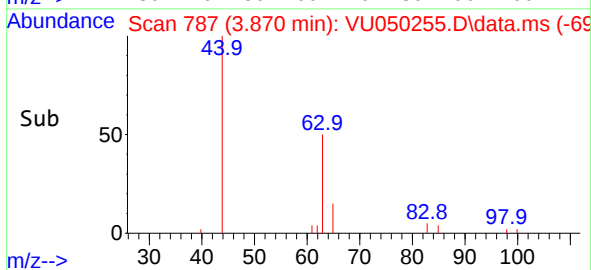
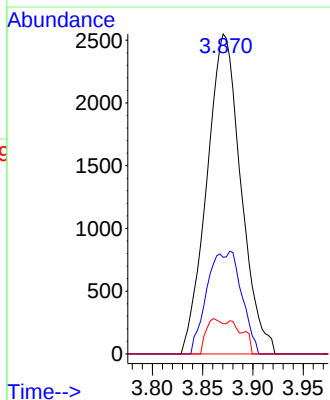
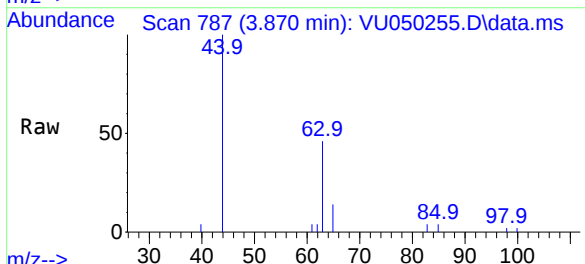
Instrument :
 MSVOA_U
 ClientSampleId :

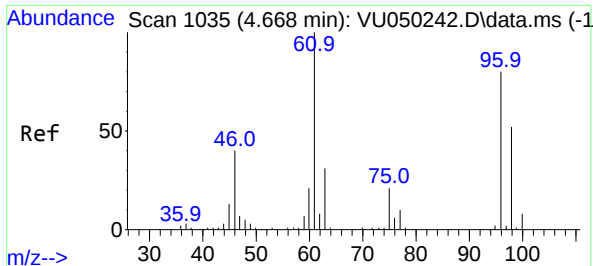
Tgt Ion:101 Resp: 368
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



#19
 1,1-Dichloroethane
 Concen: 0.481 ug/L
 RT: 3.870 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU050255.D
 Acq: 12 Aug 2022 02:35

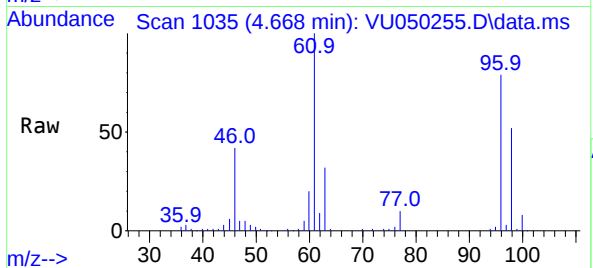
Tgt Ion: 63 Resp: 6008
 Ion Ratio Lower Upper
 63 100
 65 30.2 22.7 42.3
 83 9.4 9.8 18.2#



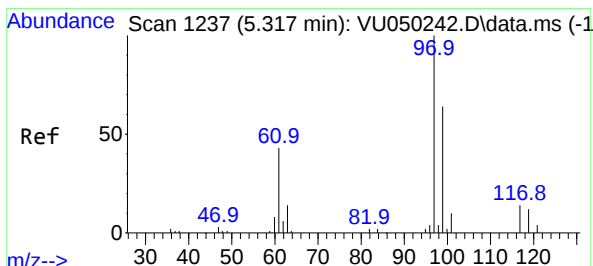
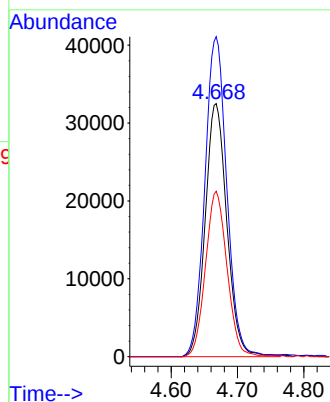
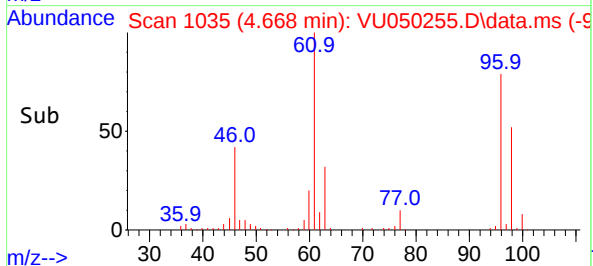


#22
 cis-1,2-Dichloroethene
 Concen: 10.101 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050255.D
 Acq: 12 Aug 2022 02:35

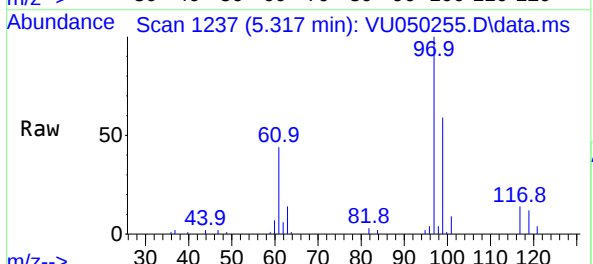
Instrument :
 MSVOA_U
 ClientSampleId :



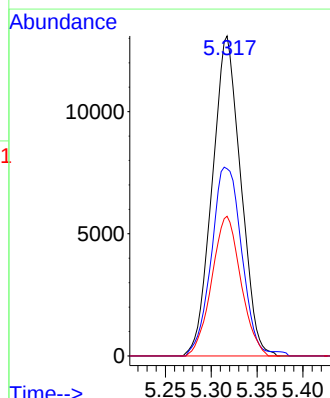
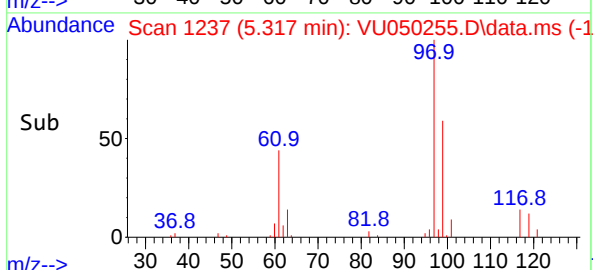
Tgt Ion: 96 Resp: 73875
 Ion Ratio Lower Upper
 96 100
 61 126.4 89.0 165.4
 98 65.4 45.2 84.0

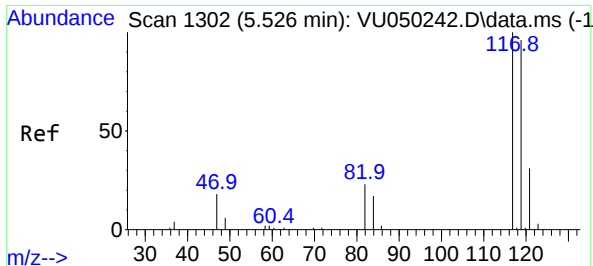


#29
 1,1,1-Trichloroethane
 Concen: 2.686 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. -0.000 min
 Lab File: VU050255.D
 Acq: 12 Aug 2022 02:35



Tgt Ion: 97 Resp: 28294
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.5 77.3
 61 44.7 34.2 51.4

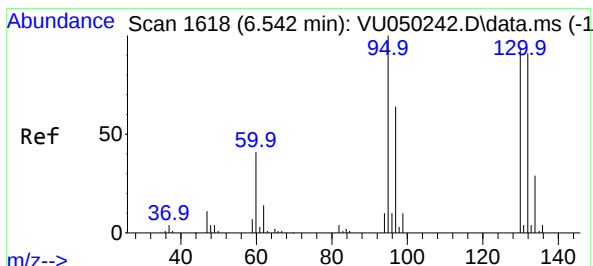
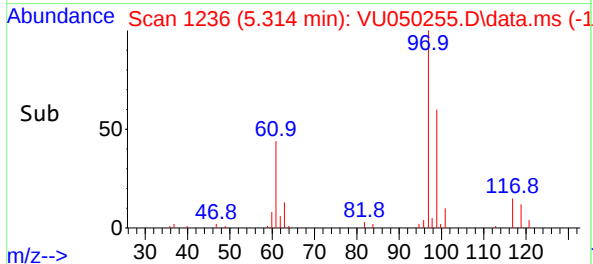
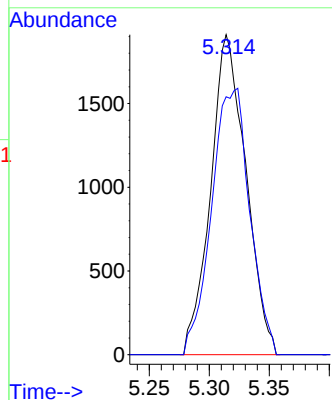
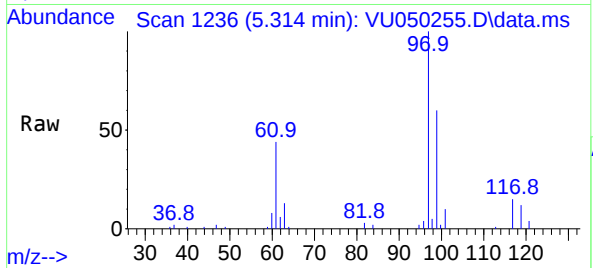




#31
Carbon tetrachloride
Concen: 0.453 ug/L
RT: 5.314 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU050255.D
Acq: 12 Aug 2022 02:35

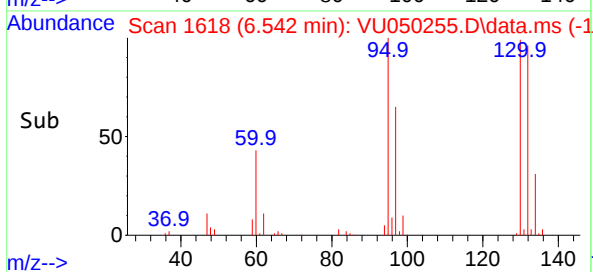
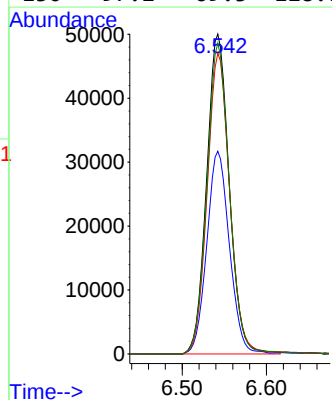
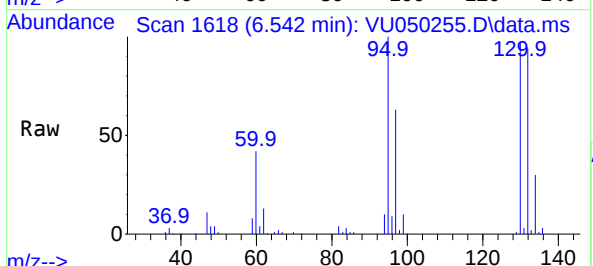
Instrument :
MSVOA_U
ClientSampleId :

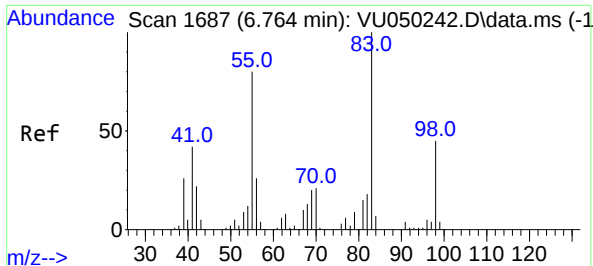
Tgt Ion:117 Resp: 3909
Ion Ratio Lower Upper
117 100
119 90.1 76.0 114.0



#34
Trichloroethene
Concen: 12.830 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050255.D
Acq: 12 Aug 2022 02:35

Tgt Ion: 95 Resp: 93370
Ion Ratio Lower Upper
95 100
97 63.4 45.6 84.8
132 94.0 65.0 120.6
130 97.2 69.3 128.7





#35

Methylcyclohexane

Concen: 1.012 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050255.D

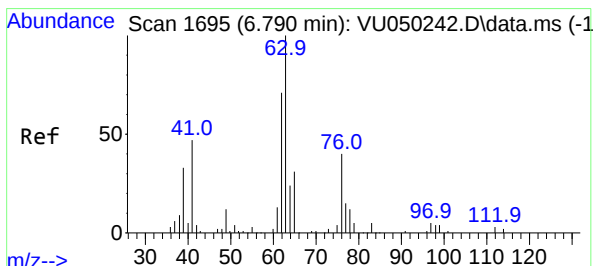
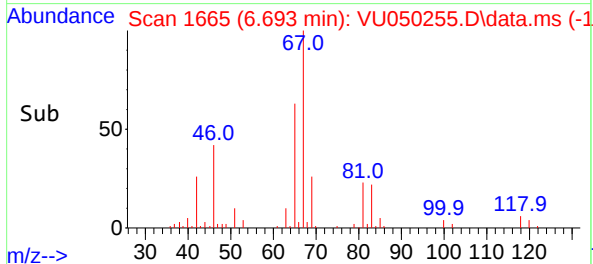
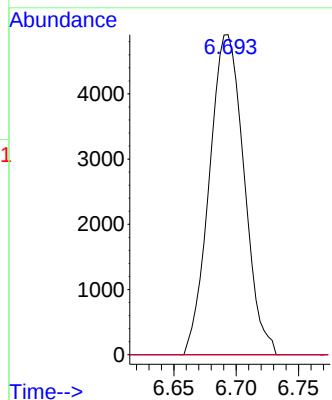
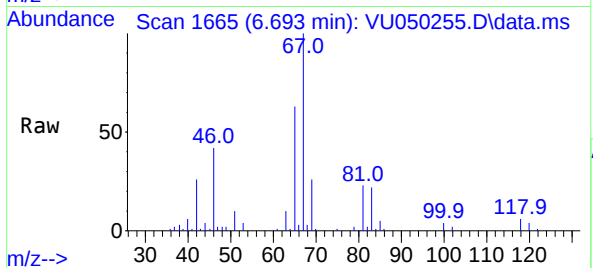
Acq: 12 Aug 2022 02:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 9504
Ion Ratio	Lower Upper
83	100
55	0.0 62.7 94.1#
98	4.5 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.525 ug/L

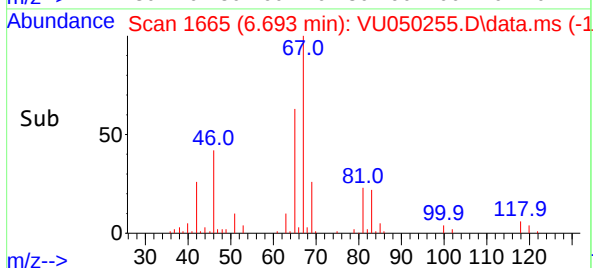
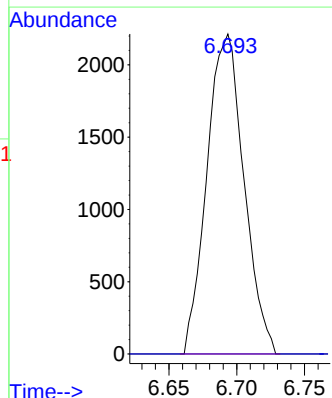
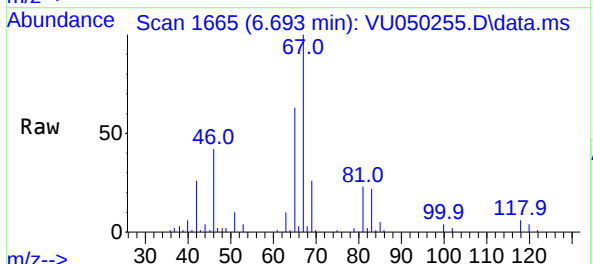
RT: 6.693 min Scan# 1665

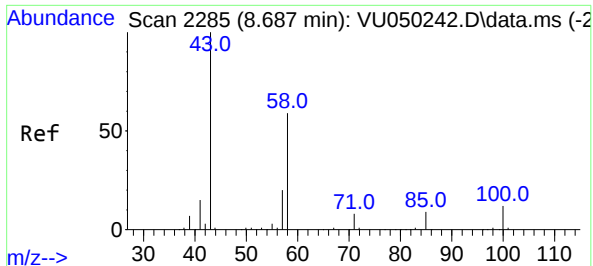
Delta R.T. -0.097 min

Lab File: VU050255.D

Acq: 12 Aug 2022 02:35

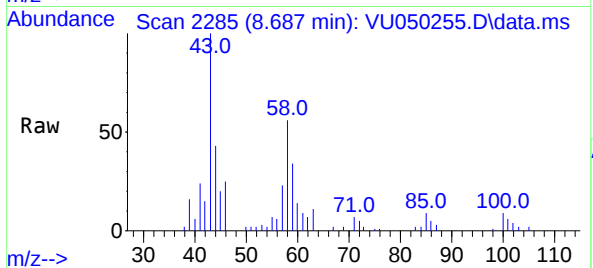
Tgt Ion: 63	Resp: 4206
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.4#



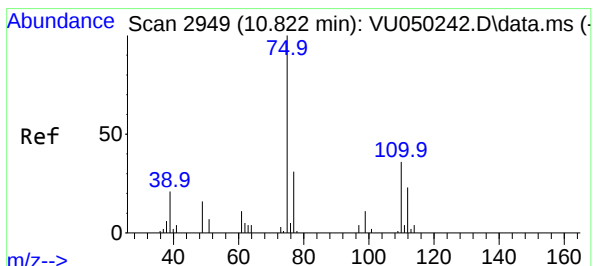
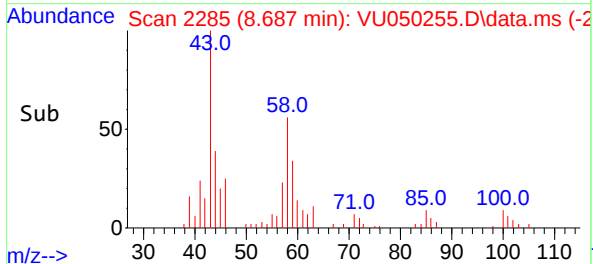
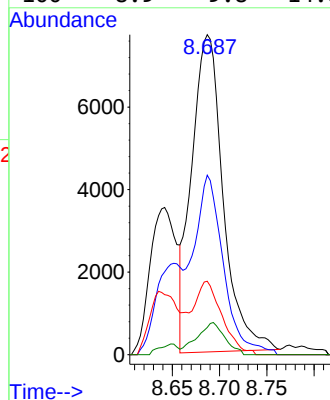


#48
2-Hexanone
Concen: 4.971 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050255.D
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MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 17847
Ion Ratio Lower Upper
43 100
58 51.2 50.6 76.0
57 19.8 16.0 24.0
100 8.9 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.885 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050255.D
Acq: 12 Aug 2022 02:35

Tgt Ion: 75 Resp: 3918
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 30.6 25.8 38.6

