

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055355.D
 Acq On : 15 Sep 2023 21:52
 Operator : MD/SY
 Sample : 04380-06DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:46:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

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

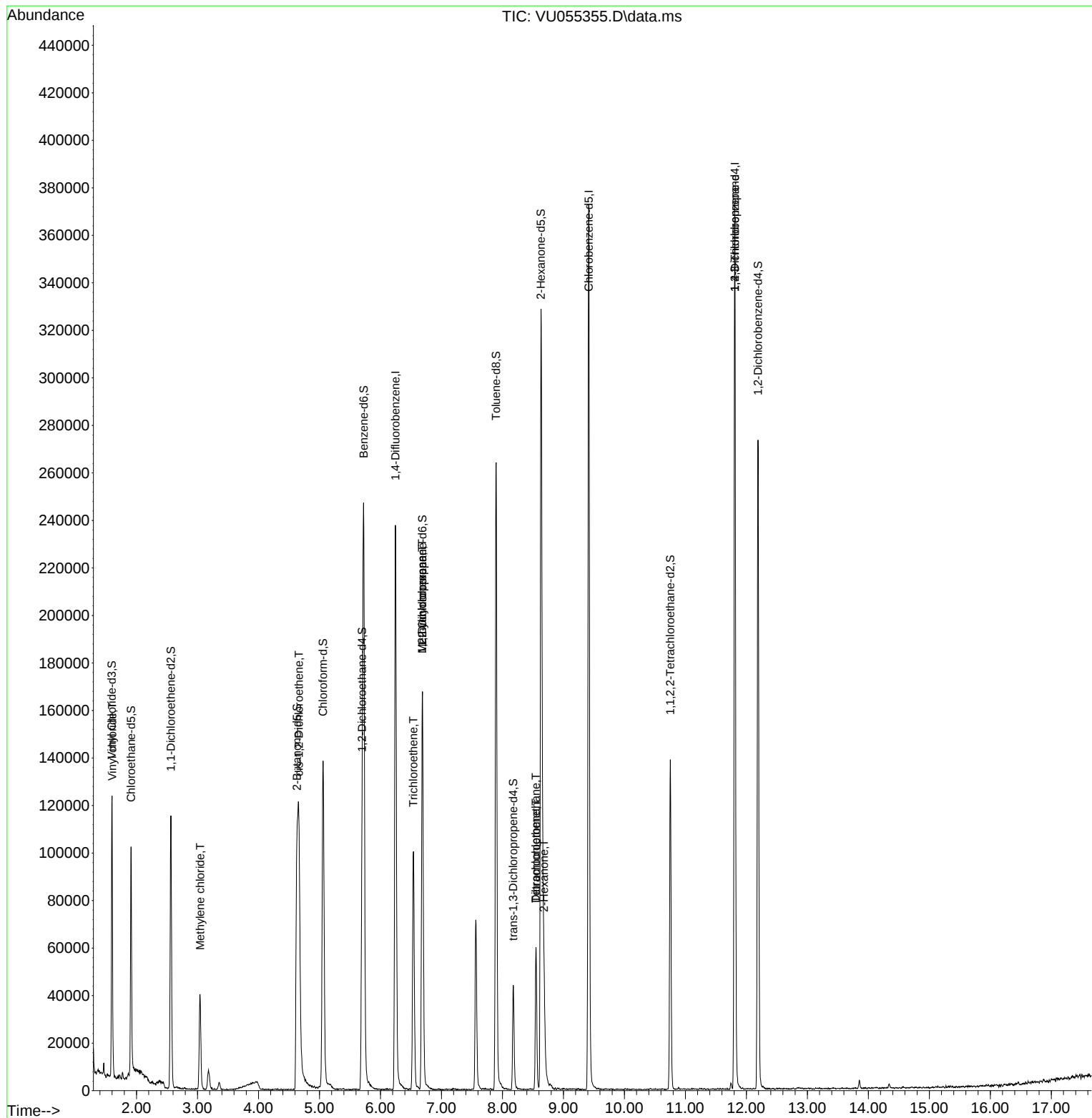
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	192215	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	205006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	94820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57384	5.194	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.800%		
7) Chloroethane-d5	1.911	69	65683	5.267	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.400%		
11) 1,1-Dichloroethene-d2	2.563	65	21948	5.492	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.800%		
20) 2-Butanone-d5	4.631	46	186558	61.065	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 122.140%		
24) Chloroform-d	5.058	84	128811	5.220	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.400%		
26) 1,2-Dichloroethane-d4	5.698	65	71584	5.750	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.000%		
32) Benzene-d6	5.724	84	231170	5.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.600%		
36) 1,2-Dichloropropane-d6	6.689	67	81113	5.540	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 110.800%		
41) Toluene-d8	7.894	98	180574	4.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.400%		
43) trans-1,3-Dichloroprop...	8.177	79	24981	4.808	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.200%		
46) 2-Hexanone-d5	8.631	63	104380	55.218	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.440%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	68644	5.391	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	68787	5.633	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.600%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.602	62	30770	1.614	ug/L	98
16) Methylene chloride	3.042	84	19609	0.974	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	36504	2.098	ug/L	92
34) Trichloroethene	6.541	95	33418	1.730	ug/L	99
35) Methylcyclohexane	6.685	83	20067	0.715	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	9347	0.525	ug/L #	89
47) Tetrachloroethene	8.550	164	11908	0.900	ug/L	95
48) 2-Hexanone	8.682	43	25957	4.073	ug/L #	77
49) Dibromochloromethane	8.550	129	12731	1.007	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	13640	1.485	ug/L #	67

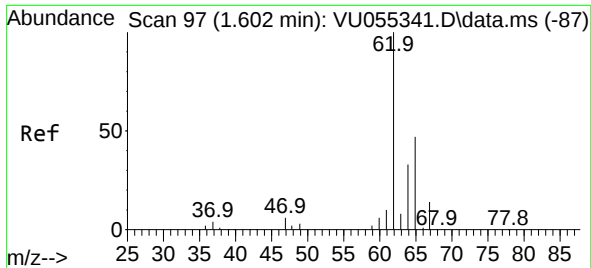
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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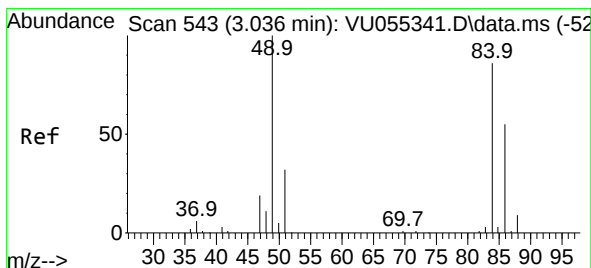
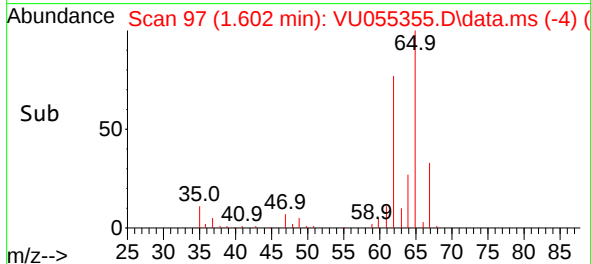
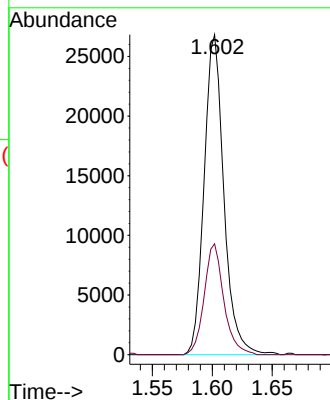
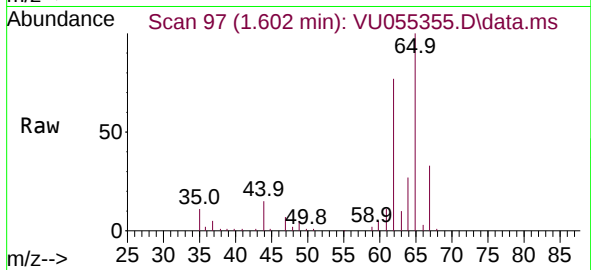




#5
 Vinyl chloride
 Concen: 1.614 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055355.D
 Acq: 15 Sep 2023 21:52

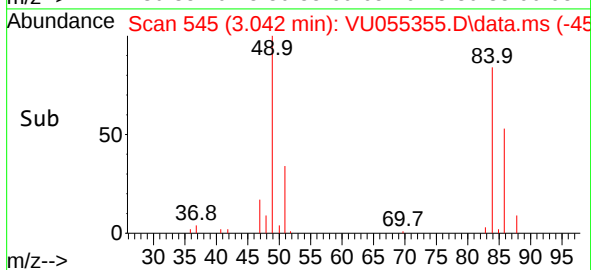
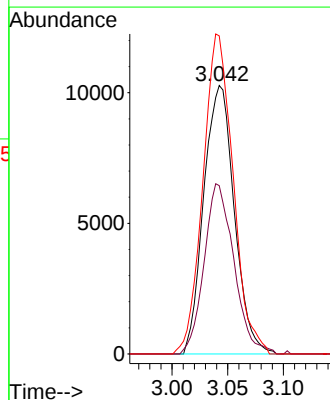
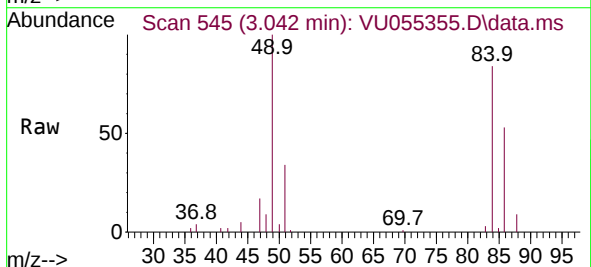
Instrument :
 MSVOA_U
 ClientSampleId :

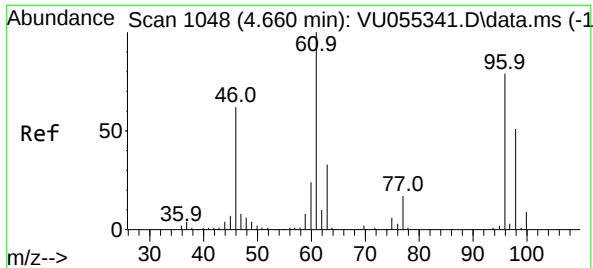
Tgt Ion: 62 Resp: 30770
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.4 43.6



#16
 Methylene chloride
 Concen: 0.974 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.006 min
 Lab File: VU055355.D
 Acq: 15 Sep 2023 21:52

Tgt Ion: 84 Resp: 19609
 Ion Ratio Lower Upper
 84 100
 86 62.7 42.4 78.8
 49 118.5 79.9 148.3





#22

cis-1,2-Dichloroethene

Concen: 2.098 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU055355.D

Acq: 15 Sep 2023 21:52

Instrument :

MSVOA_U

ClientSampleId :

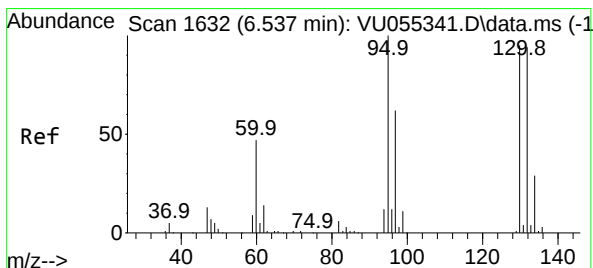
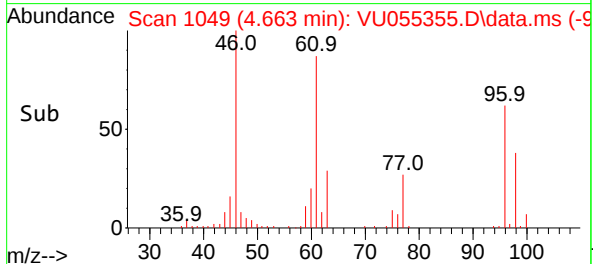
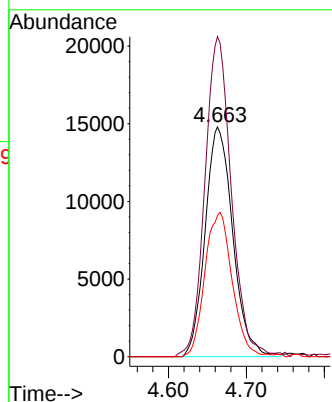
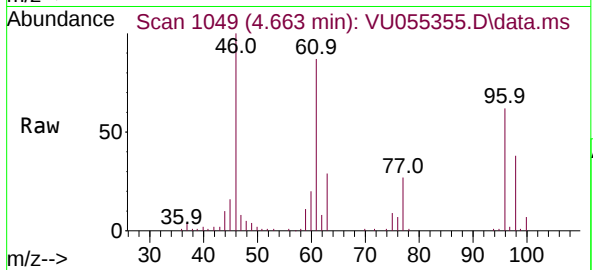
Tgt Ion: 96 Resp: 36504

Ion Ratio Lower Upper

96 100

61 139.3 88.1 163.7

98 61.4 43.5 80.7



#34

Trichloroethene

Concen: 1.730 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU055355.D

Acq: 15 Sep 2023 21:52

Tgt Ion: 95 Resp: 33418

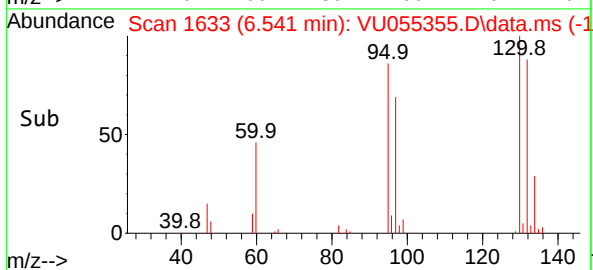
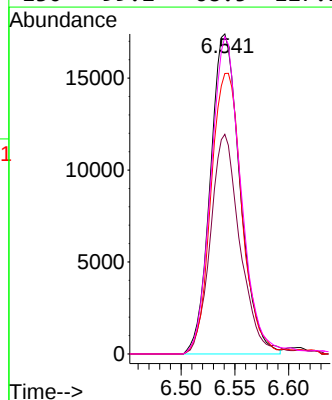
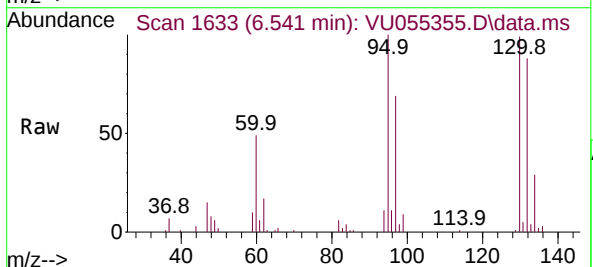
Ion Ratio Lower Upper

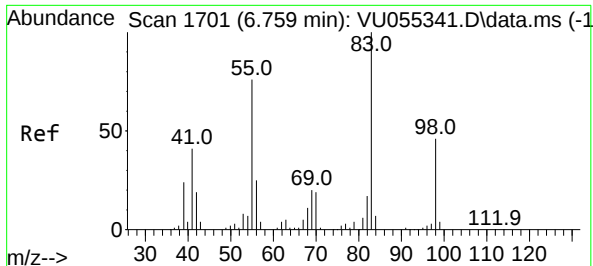
95 100

97 68.6 47.4 88.0

132 87.7 60.5 112.3

130 99.2 68.5 127.1

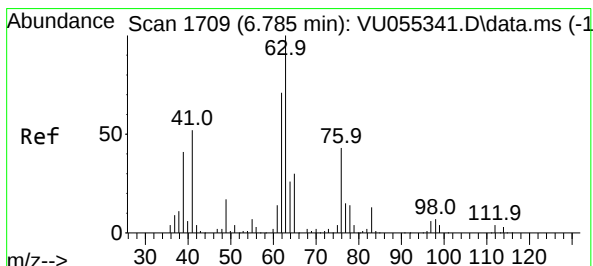
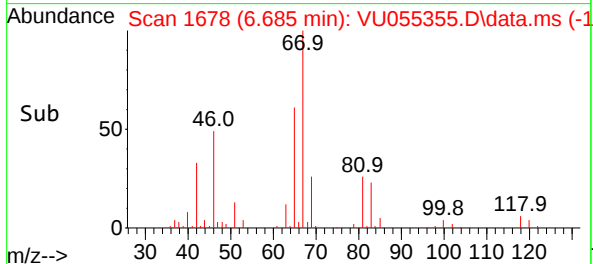
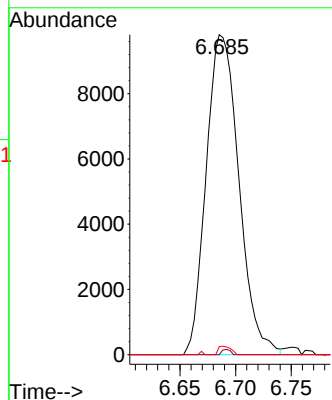
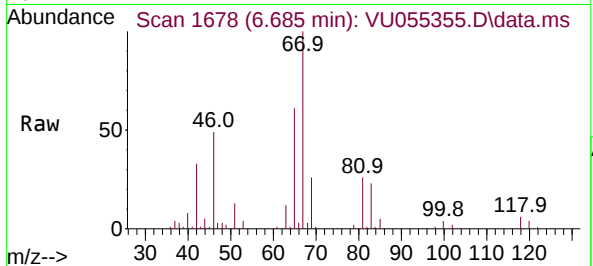




#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055355.D
Acq: 15 Sep 2023 21:52

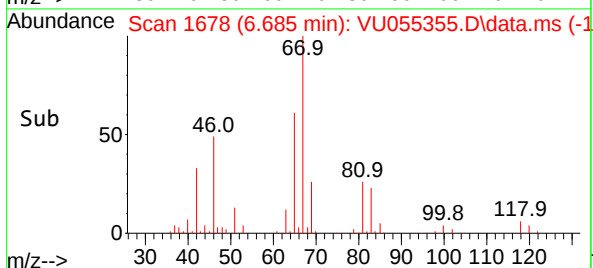
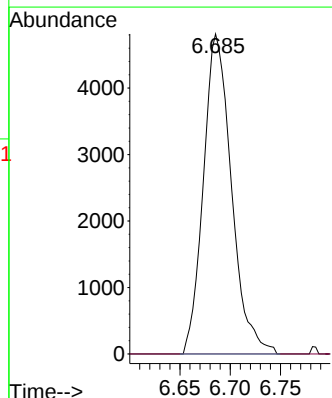
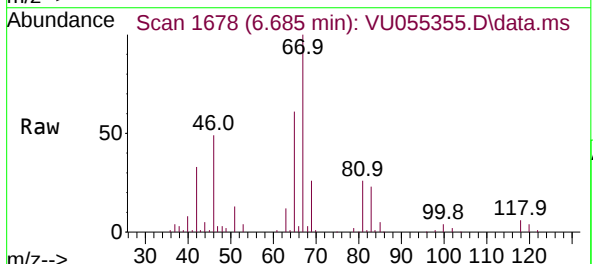
Instrument :
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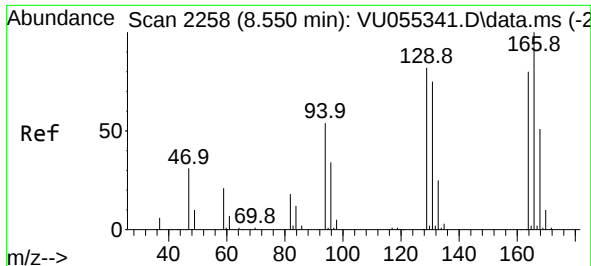
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	58.7	88.1#
98	1.0	36.3	54.5#



#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU055355.D
Acq: 15 Sep 2023 21:52

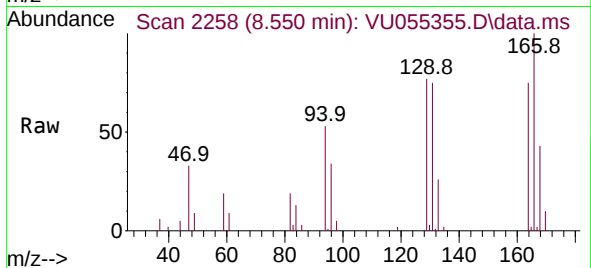
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



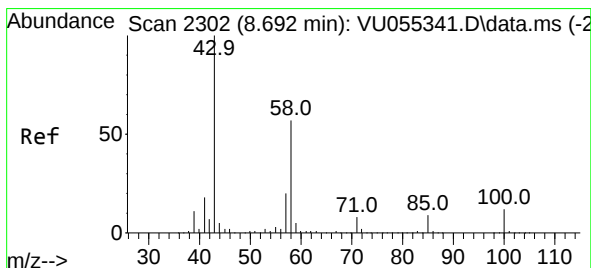
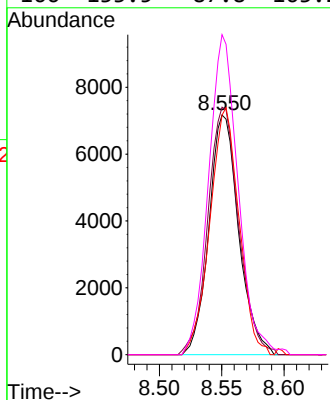
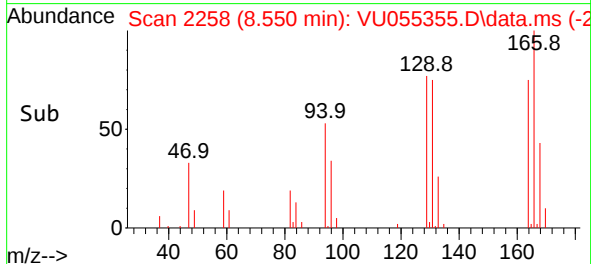


#47
Tetrachloroethene
Concen: 0.900 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055355.D
Acq: 15 Sep 2023 21:52

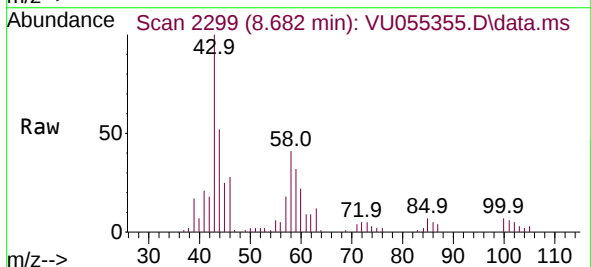
Instrument :
MSVOA_U
ClientSampleId :



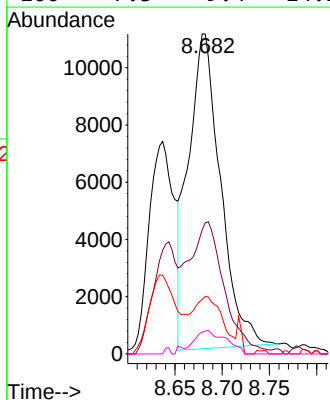
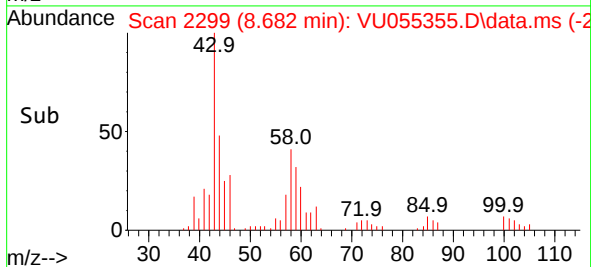
Tgt Ion:164 Resp: 11908
Ion Ratio Lower Upper
164 100
129 103.2 76.3 141.7
131 99.9 69.1 128.3
166 133.5 87.8 163.2

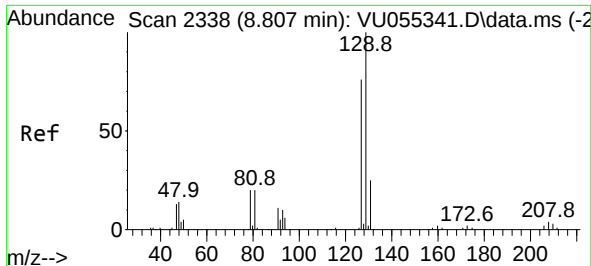


#48
2-Hexanone
Concen: 4.073 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.010 min
Lab File: VU055355.D
Acq: 15 Sep 2023 21:52



Tgt Ion: 43 Resp: 25957
Ion Ratio Lower Upper
43 100
58 36.5 47.8 71.6#
57 16.5 15.4 23.2
100 7.3 9.4 14.2#

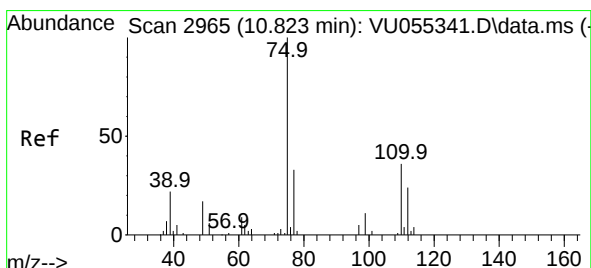
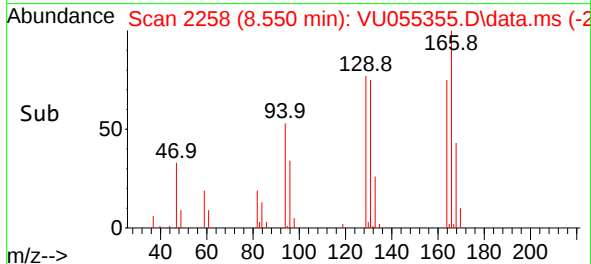
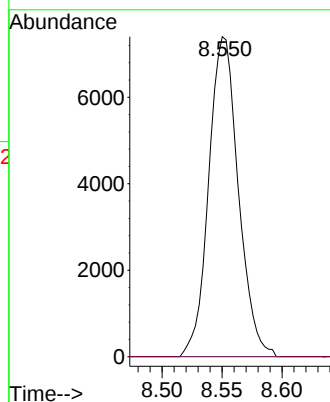
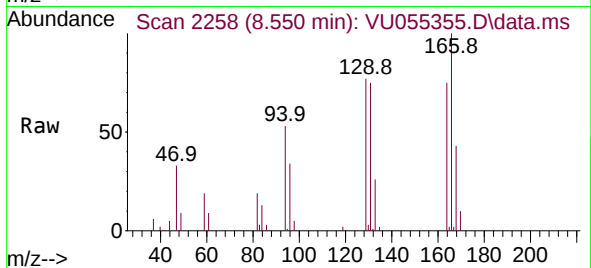




#49
Dibromochloromethane
Concen: 1.007 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU055355.D
Acq: 15 Sep 2023 21:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 12731
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



#61
1,2,3-Trichloropropane
Concen: 1.485 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.987 min
Lab File: VU055355.D
Acq: 15 Sep 2023 21:52

Tgt Ion: 75 Resp: 13640
Ion Ratio Lower Upper
75 100
110 2.2 31.4 47.2#
77 32.7 26.0 39.0

