

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055023.D
 Acq On : 31 Aug 2023 16:00
 Operator : MD/SY
 Sample : 04209-21DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

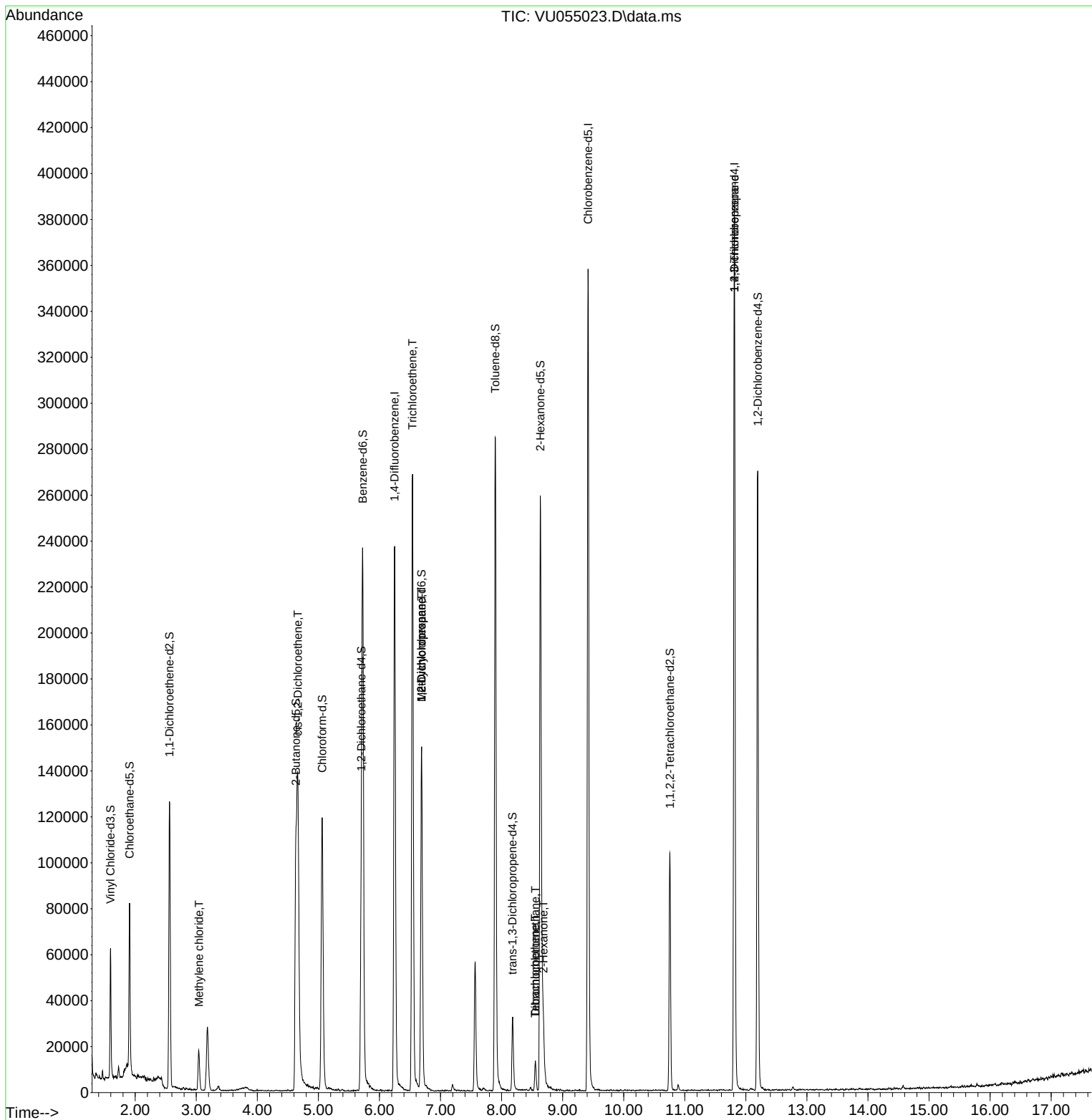
Quant Time: Sep 01 05:01:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

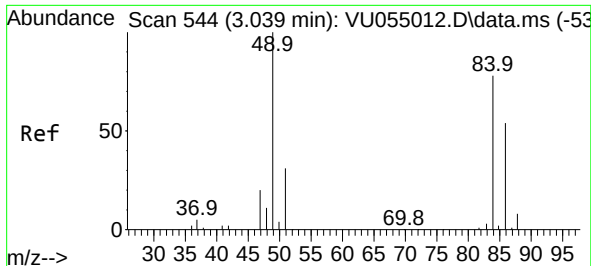
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	191877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41759	6.969	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 139.400%#		
7) Chloroethane-d5	1.908	69	49471	6.390	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 127.800%		
11) 1,1-Dichloroethene-d2	2.560	65	23852	7.042	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 140.800%#		
20) 2-Butanone-d5	4.631	46	138090	42.691	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 85.380%		
24) Chloroform-d	5.062	84	108251	4.870	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.400%		
26) 1,2-Dichloroethane-d4	5.702	65	56910	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
32) Benzene-d6	5.724	84	218228	5.060	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.200%		
36) 1,2-Dichloropropane-d6	6.689	67	70571	4.652	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 93.000%		
41) Toluene-d8	7.898	98	195311	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.600%		
43) trans-1,3-Dichloroprop...	8.177	79	18336	3.673	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 73.400%		
46) 2-Hexanone-d5	8.634	63	84518	35.670	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 71.340%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50517	3.884	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 77.600%		
66) 1,2-Dichlorobenzene-d4	12.193	152	66374	4.284	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 85.600%		
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	7537	0.572	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	53791	4.816	ug/L	99
34) Trichloroethene	6.541	95	93700	7.469	ug/L	99
35) Methylcyclohexane	6.689	83	15471	0.834	ug/L #	25
37) 1,2-Dichloropropane	6.689	63	7789	0.617	ug/L #	90
47) Tetrachloroethene	8.550	164	2513	0.279	ug/L	89
48) 2-Hexanone	8.685	43	11775	2.260	ug/L #	92
49) Dibromochloromethane	8.554	129	2555	0.259	ug/L #	6
61) 1,2,3-Trichloropropane	11.811	75	13861	1.918	ug/L #	68

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

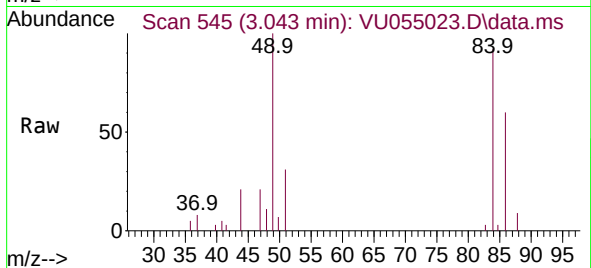
Quant Time: Sep 01 05:01:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
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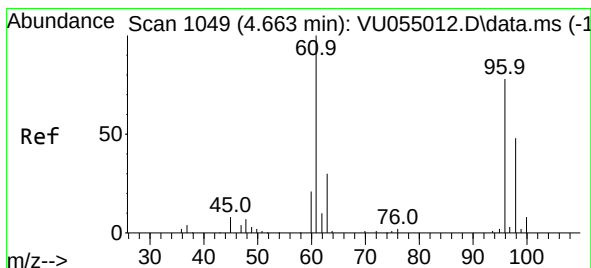
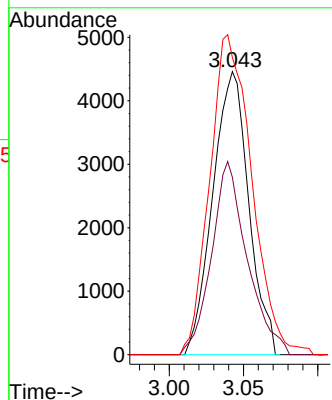
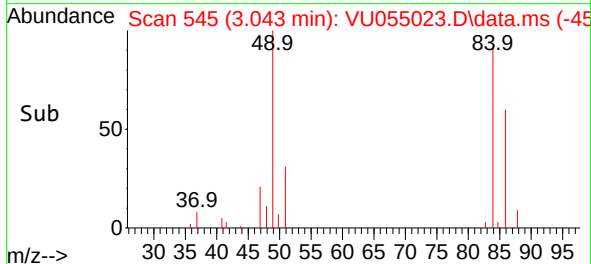


#16
Methylene chloride
Concen: 0.572 ug/L
RT: 3.043 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU055023.D
Acq: 31 Aug 2023 16:00

Instrument :
MSVOA_U
ClientSampleId :

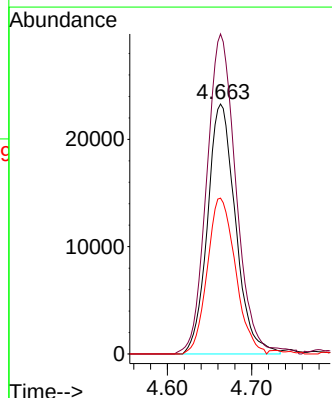
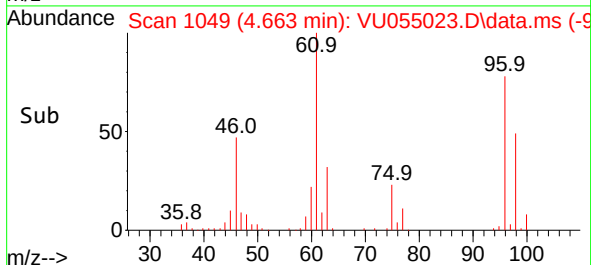
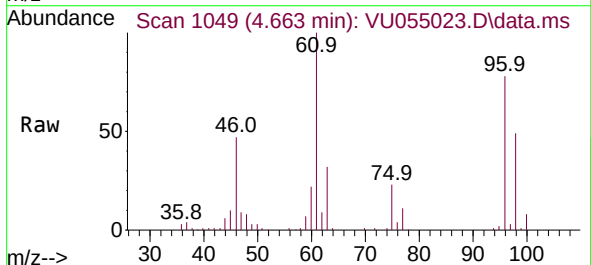


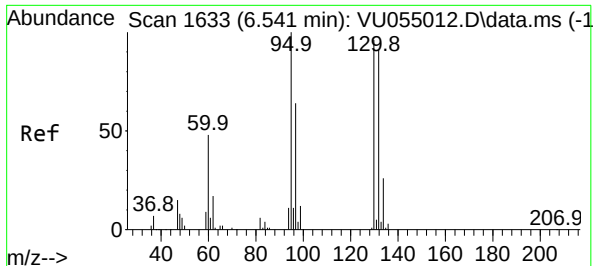
Tgt Ion: 84 Resp: 7537
Ion Ratio Lower Upper
84 100
86 62.7 45.1 83.7
49 112.0 89.5 166.3



#22
cis-1,2-Dichloroethene
Concen: 4.816 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055023.D
Acq: 31 Aug 2023 16:00

Tgt Ion: 96 Resp: 53791
Ion Ratio Lower Upper
96 100
61 128.0 88.4 164.2
98 62.3 44.0 81.6





#34

Trichloroethene

Concen: 7.469 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

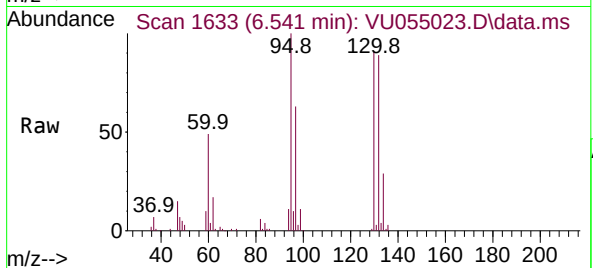
Lab File: VU055023.D

Acq: 31 Aug 2023 16:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 93700

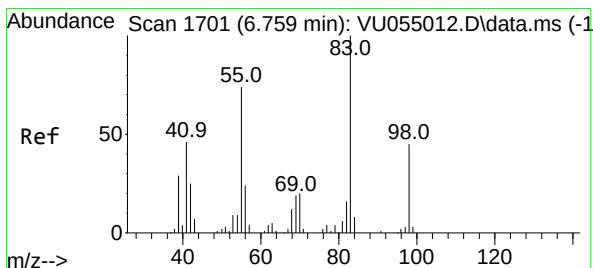
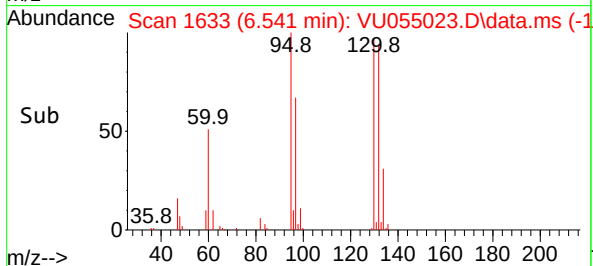
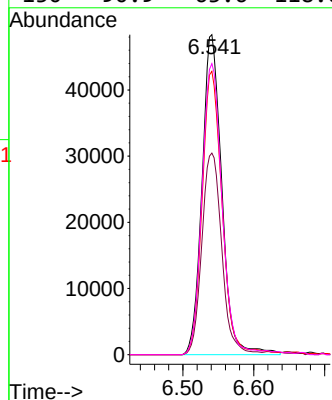
Ion Ratio Lower Upper

95 100

97 63.0 44.1 81.9

132 88.6 63.6 118.2

130 90.9 63.6 118.0



#35

Methylcyclohexane

Concen: 0.834 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055023.D

Acq: 31 Aug 2023 16:00

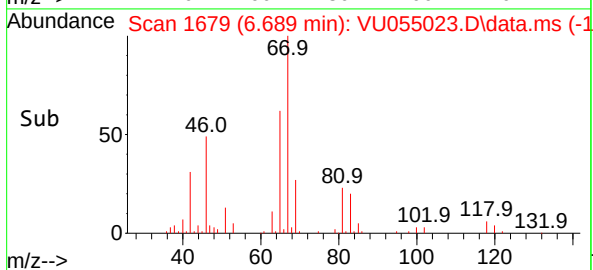
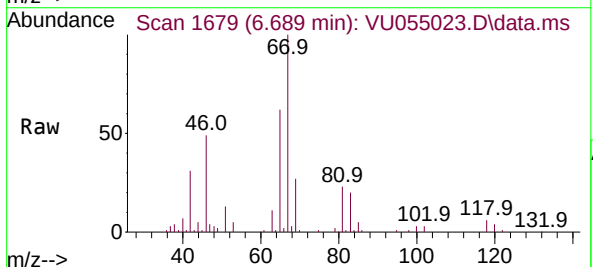
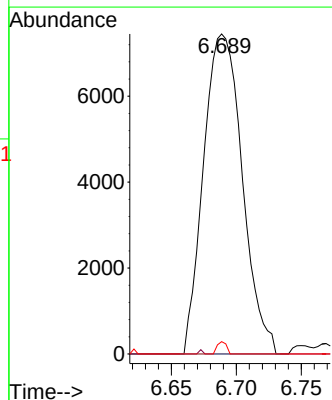
Tgt Ion: 83 Resp: 15471

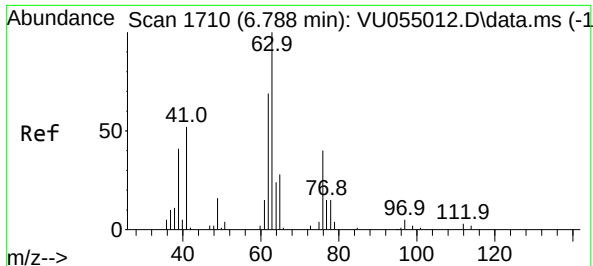
Ion Ratio Lower Upper

83 100

55 0.1 62.1 93.1#

98 12.4 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU055023.D

Acq: 31 Aug 2023 16:00

Instrument :

MSVOA_U

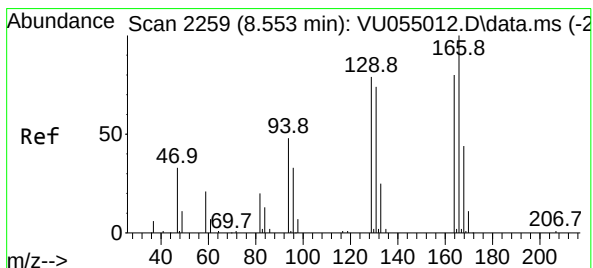
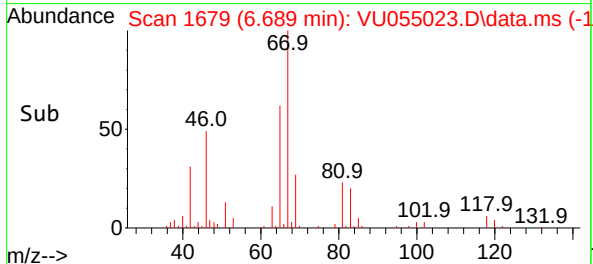
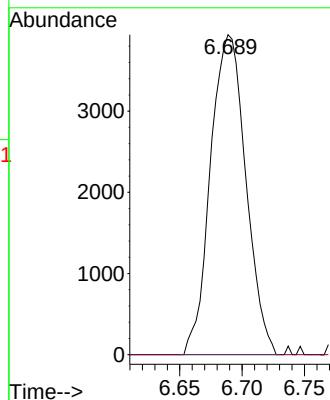
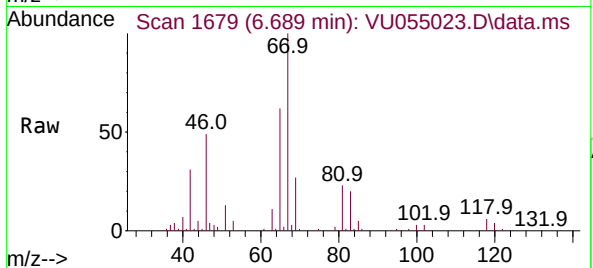
ClientSampleId :

Tgt Ion: 63 Resp: 7789

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#47

Tetrachloroethene

Concen: 0.279 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.003 min

Lab File: VU055023.D

Acq: 31 Aug 2023 16:00

Tgt Ion: 164 Resp: 2513

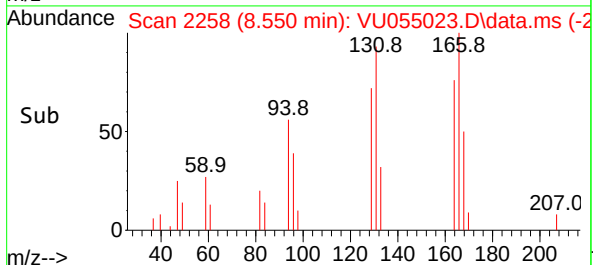
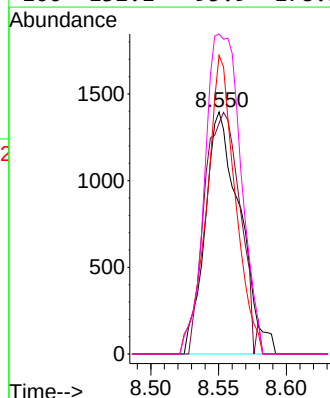
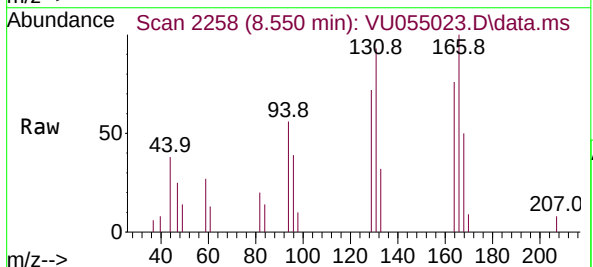
Ion Ratio Lower Upper

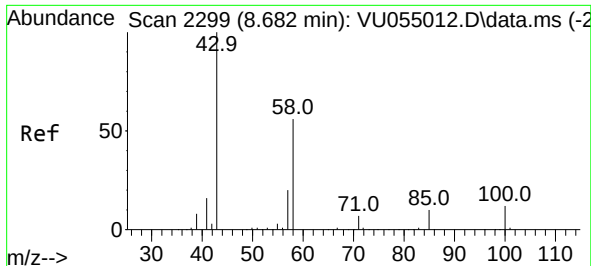
164 100

129 95.3 72.8 135.2

131 123.3 70.7 131.3

166 132.1 95.9 178.1

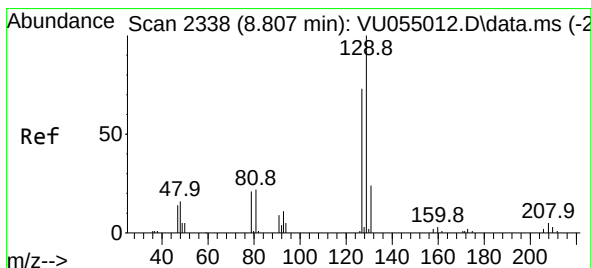
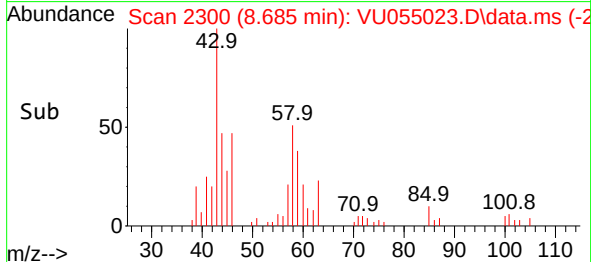
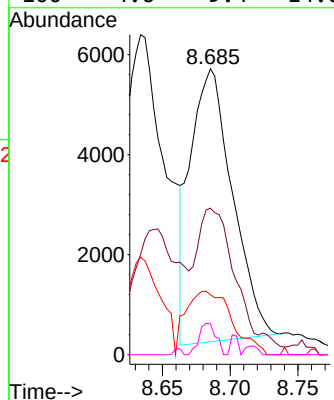
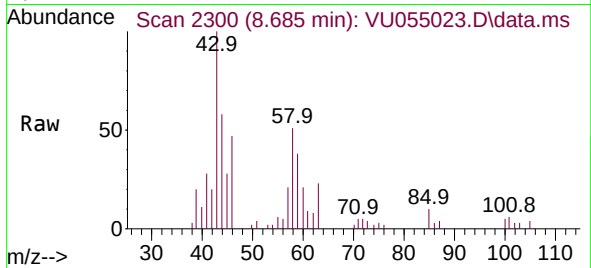




#48
2-Hexanone
Concen: 2.260 ug/L
RT: 8.685 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VU055023.D
Acq: 31 Aug 2023 16:00

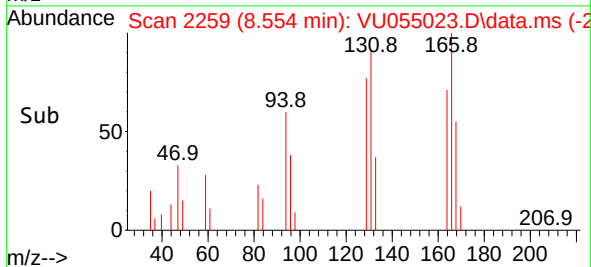
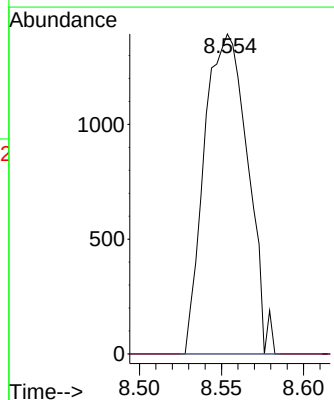
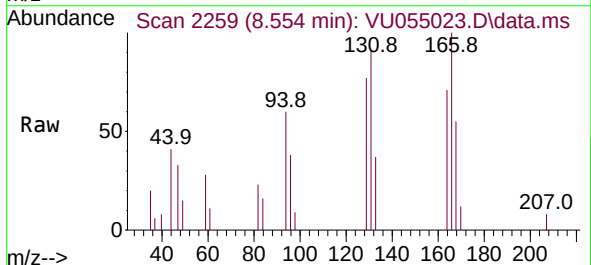
Instrument :
MSVOA_U
ClientSampleId :

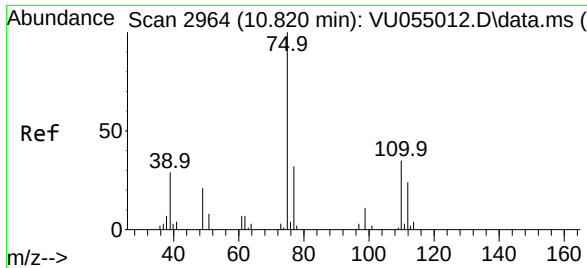
Tgt Ion: 43 Resp: 11775
Ion Ratio Lower Upper
43 100
58 51.4 44.0 66.0
57 25.6 15.9 23.9#
100 4.6 9.4 14.0#



#49
Dibromochloromethane
Concen: 0.259 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055023.D
Acq: 31 Aug 2023 16:00

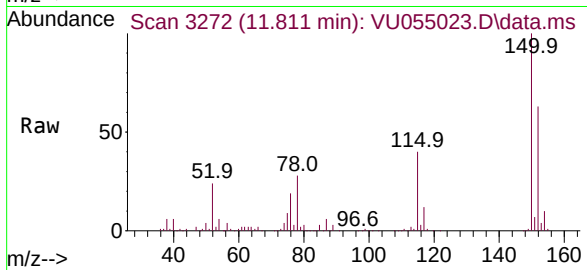
Tgt Ion:129 Resp: 2555
Ion Ratio Lower Upper
129 100
127 0.0 60.5 112.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.918 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU055023.D
 Acq: 31 Aug 2023 16:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.9	29.0	43.6#
77	34.8	26.5	39.7

