

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054964.D
 Acq On : 29 Aug 2023 18:13
 Operator : MD/SY
 Sample : 04173-16DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:32:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

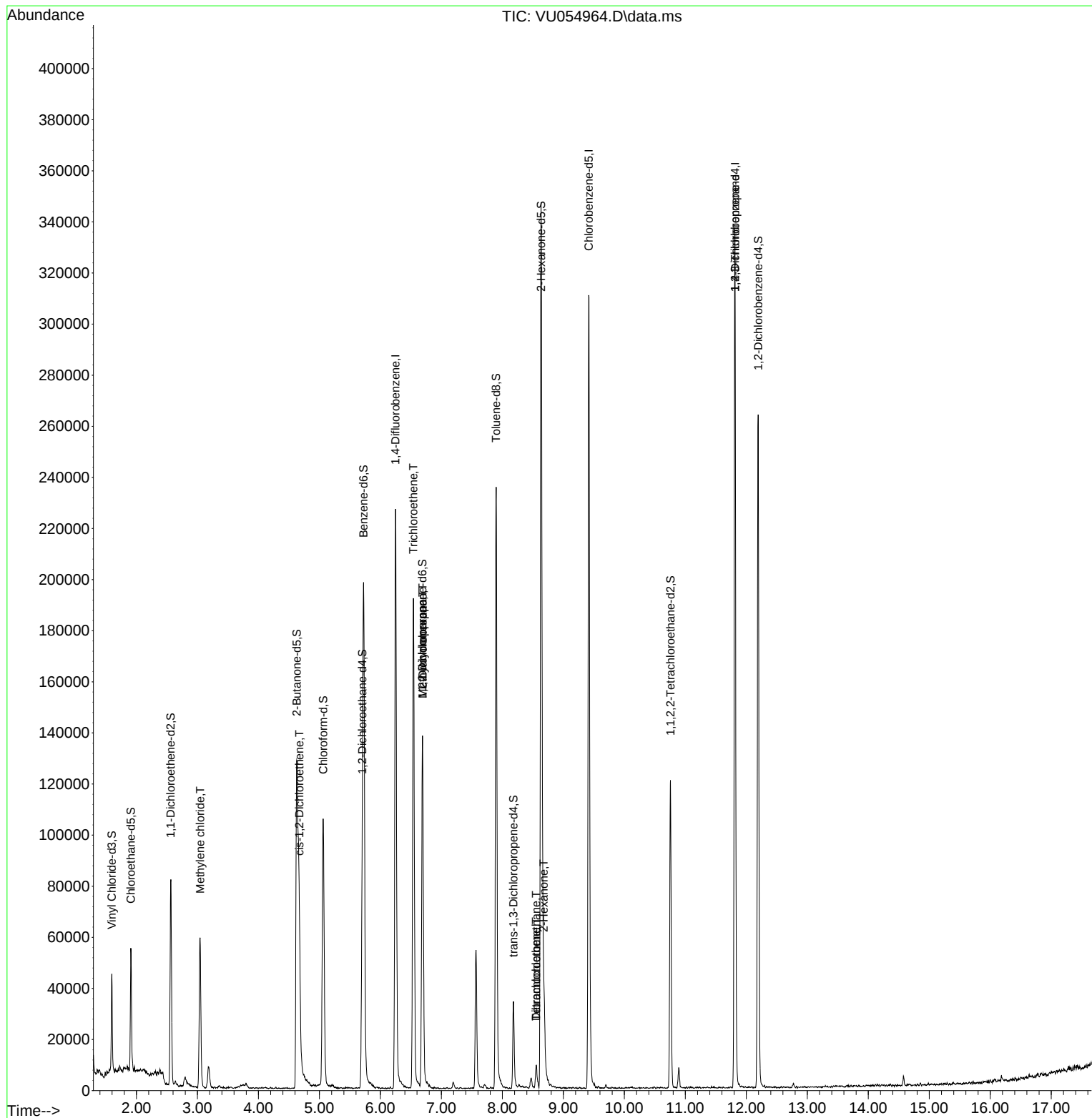
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178539	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	85371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26022	4.618	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.400%	
7) Chloroethane-d5	1.908	69	33736	4.634	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.600%	
11) 1,1-Dichloroethene-d2	2.560	65	15568	4.888	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5	4.628	46	176012	57.866	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.740%	
24) Chloroform-d	5.062	84	96521	4.617	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.702	65	54851	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.724	84	178841	4.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.689	67	65952	4.855	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.898	98	158329	4.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.181	79	19541	4.371	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.400%	
46) 2-Hexanone-d5	8.634	63	116174	54.752	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.500%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57857	4.967	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	65759	4.824	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	27352	2.208	ug/L	95
22) cis-1,2-Dichloroethene	4.669	96	26846	2.556	ug/L	98
34) Trichloroethene	6.541	95	64711	5.761	ug/L	93
35) Methylcyclohexane	6.692	83	15020	0.904	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	6724	0.595	ug/L #	90
47) Tetrachloroethene	8.554	164	1811	0.224	ug/L	85
48) 2-Hexanone	8.679	43	15862	3.400	ug/L #	38
49) Dibromochloromethane	8.554	129	1981	0.224	ug/L #	6
61) 1,2,3-Trichloropropane	11.814	75	12199	1.919	ug/L #	69

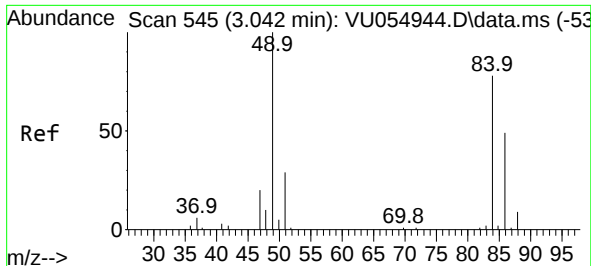
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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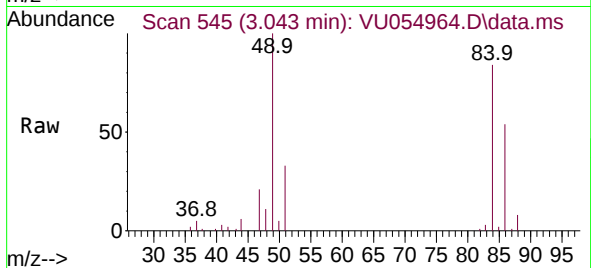
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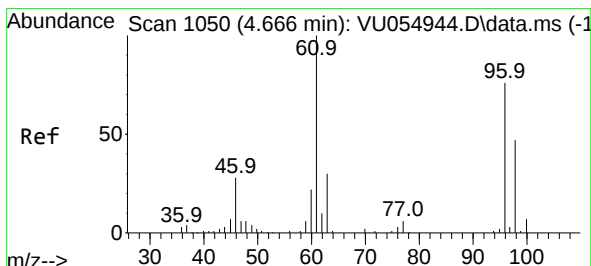
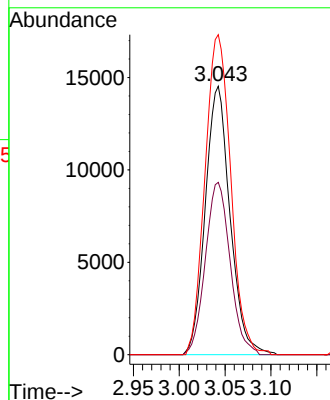
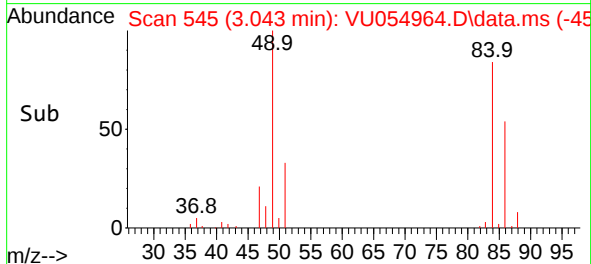


#16
Methylene chloride
Concen: 2.208 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13

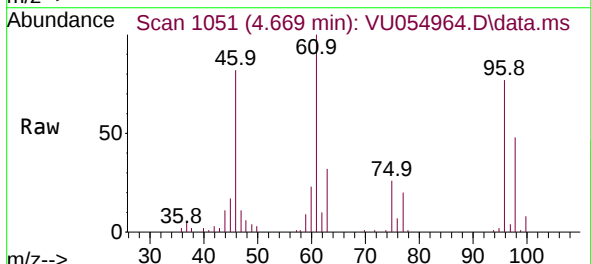
Instrument :
MSVOA_U
ClientSampleId :



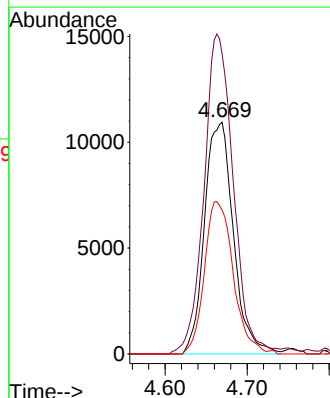
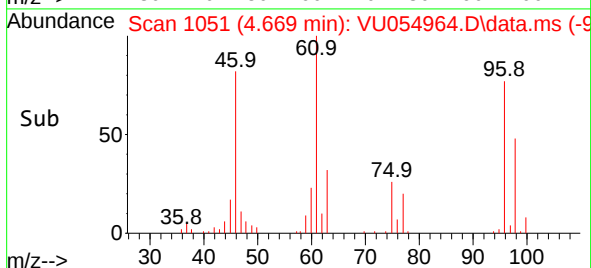
Tgt Ion: 84 Resp: 27352
Ion Ratio Lower Upper
84 100
86 64.2 45.1 83.7
49 119.2 89.5 166.3

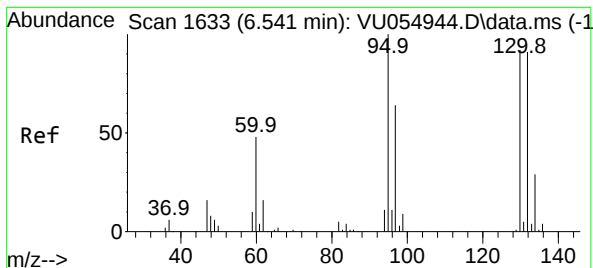


#22
cis-1,2-Dichloroethene
Concen: 2.556 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13



Tgt Ion: 96 Resp: 26846
Ion Ratio Lower Upper
96 100
61 129.3 88.4 164.2
98 62.0 44.0 81.6





#34

Trichloroethene

Concen: 5.761 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

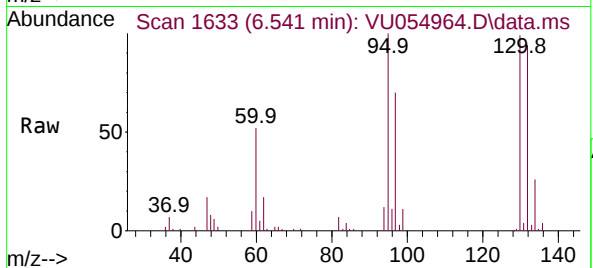
Lab File: VU054964.D

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MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 64711

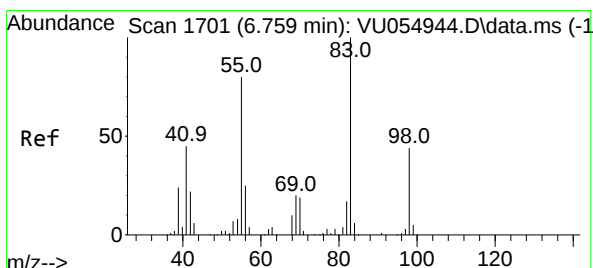
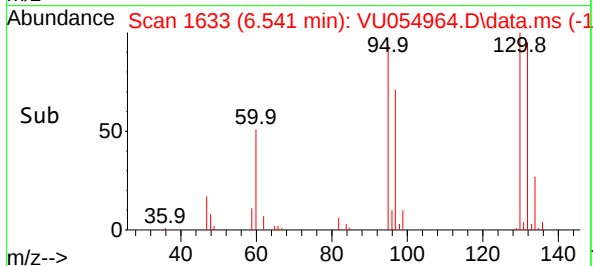
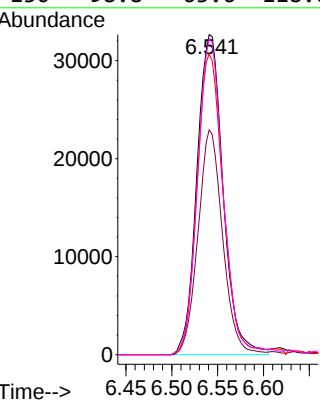
Ion Ratio Lower Upper

95 100

97 70.3 44.1 81.9

132 94.0 63.6 118.2

130 98.8 63.6 118.0



#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.067 min

Lab File: VU054964.D

Acq: 29 Aug 2023 18:13

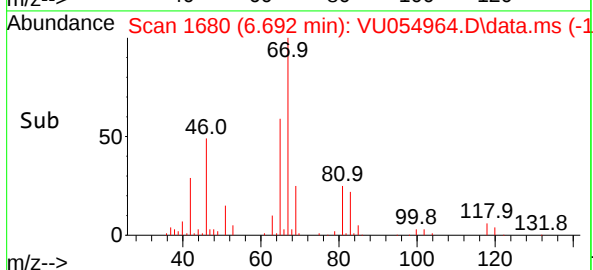
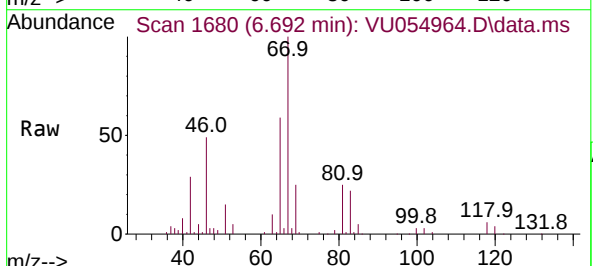
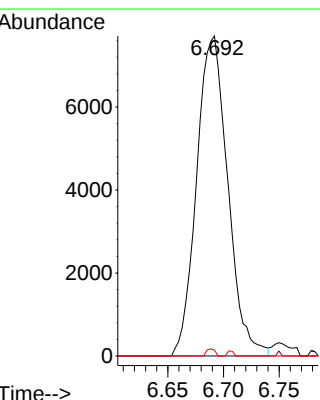
Tgt Ion: 83 Resp: 15020

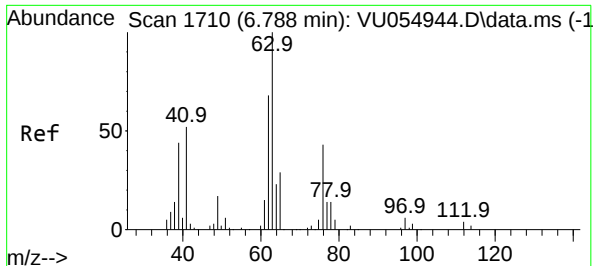
Ion Ratio Lower Upper

83 100

55 0.2 62.1 93.1#

98 0.0 37.8 56.6#

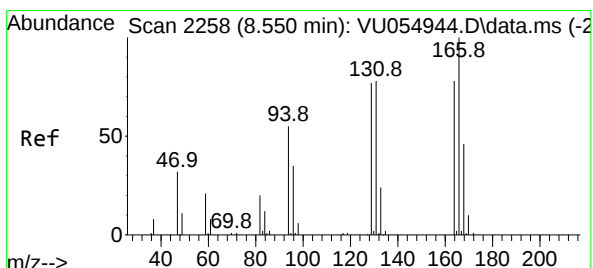
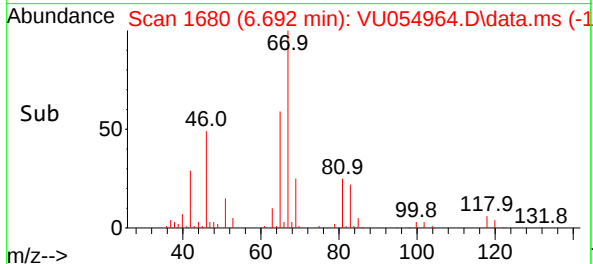
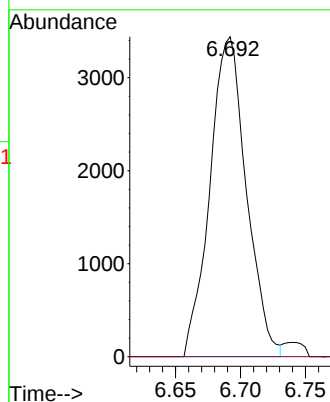
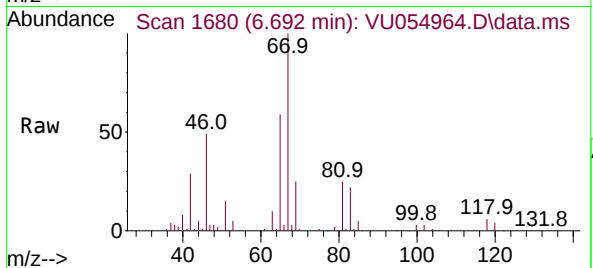




#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.692 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13

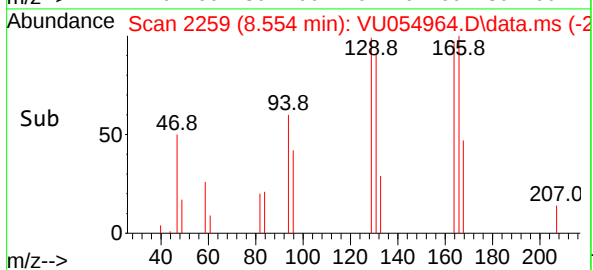
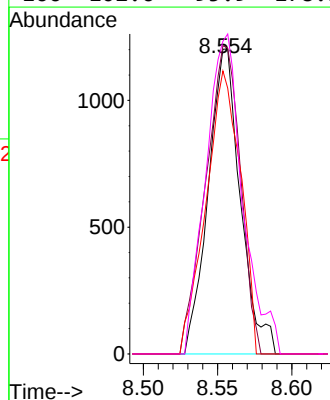
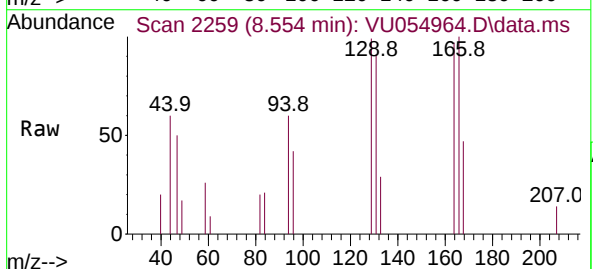
Instrument :
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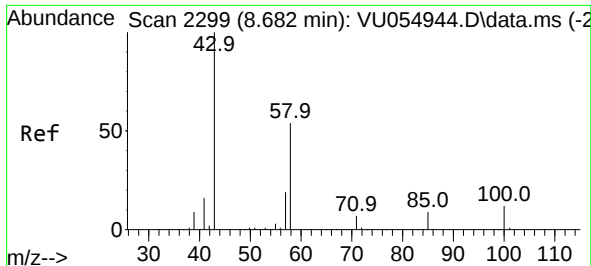
Tgt Ion: 63 Resp: 6724
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 0.224 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13

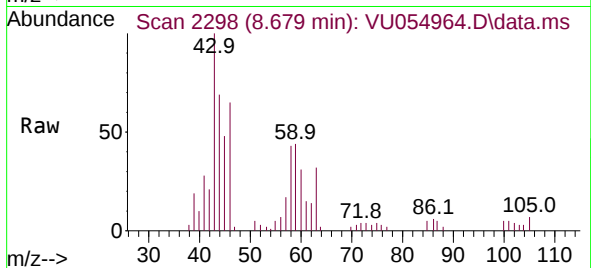
Tgt Ion:164 Resp: 1811
Ion Ratio Lower Upper
164 100
129 101.2 72.8 135.2
131 92.8 70.7 131.3
166 102.6 95.9 178.1



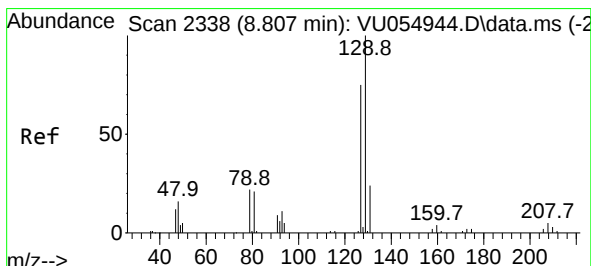
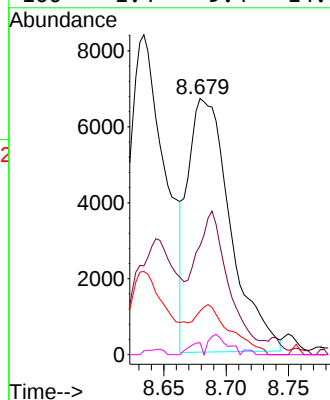
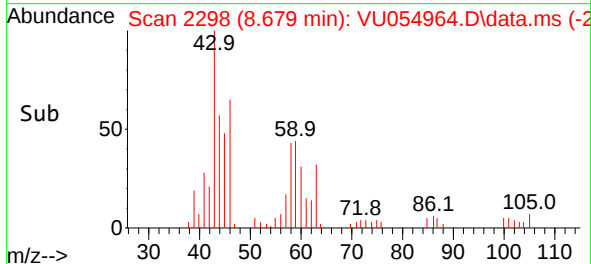


#48
2-Hexanone
Concen: 3.400 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

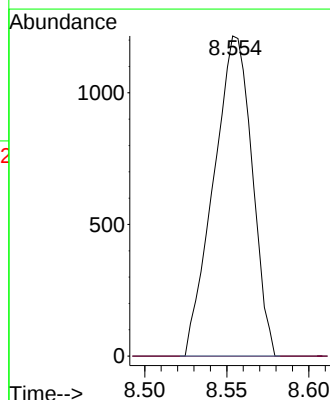
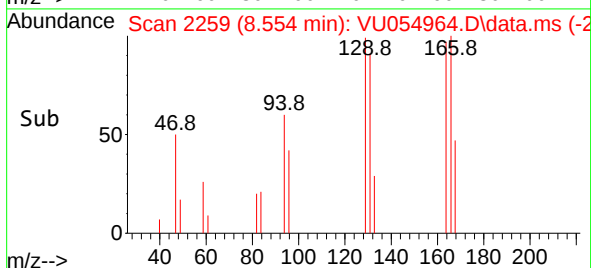
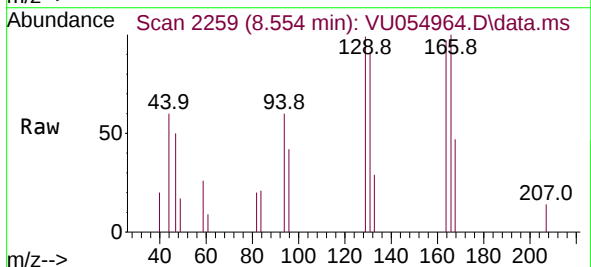


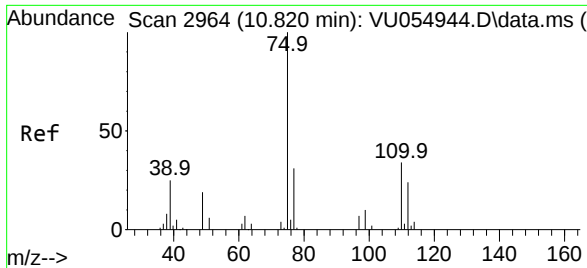
Tgt Ion: 43 Resp: 15862
Ion Ratio Lower Upper
43 100
58 0.0 44.0 66.0#
57 0.0 15.9 23.9#
100 1.4 9.4 14.0#



#49
Dibromochloromethane
Concen: 0.224 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13

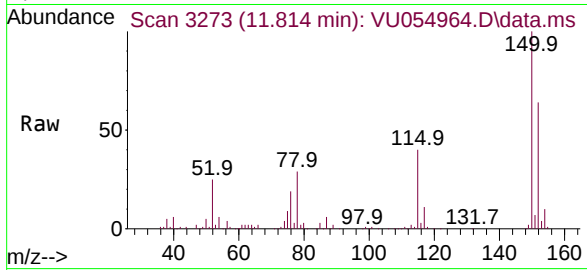
Tgt Ion: 129 Resp: 1981
Ion Ratio Lower Upper
129 100
127 0.0 60.5 112.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.919 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU054964.D
 Acq: 29 Aug 2023 18:13

Instrument :
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 ClientSampleId :



Tgt Ion:	75	Resp:	12199
Ion	Ratio	Lower	Upper
75	100		
110	1.8	29.0	43.6#
77	32.7	26.5	39.7

