

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054949.D
 Acq On : 29 Aug 2023 12:13
 Operator : MD/SY
 Sample : 04173-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:28:18 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)

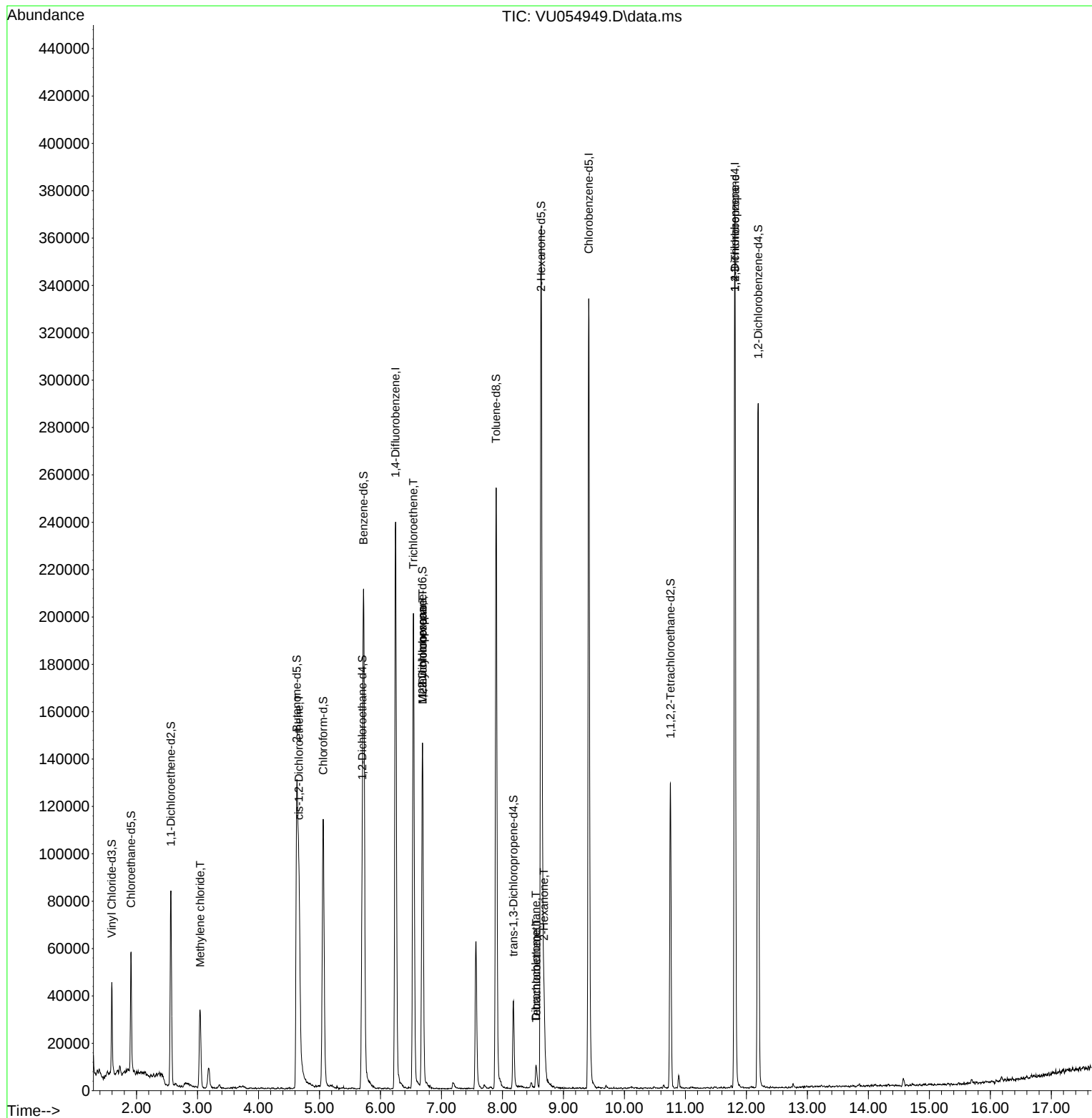
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	190810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	180909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	95744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25705	4.268	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.911	69	33595	4.318	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.400%	
11) 1,1-Dichloroethene-d2	2.563	65	15638	4.594	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.800%	
20) 2-Butanone-d5	4.627	46	185414	57.037	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.080%	
24) Chloroform-d	5.061	84	102618	4.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.701	65	59421	4.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.724	84	193055	4.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
36) 1,2-Dichloropropane-d6	6.688	67	68662	4.801	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.897	98	173508	4.455	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	8.180	79	21023	4.467	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.634	63	122875	55.002	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.000%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	62666	5.110	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	71354	4.668	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	15857	1.198	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	28089	2.502	ug/L	96
34) Trichloroethene	6.541	95	69614	5.886	ug/L	98
35) Methylcyclohexane	6.692	83	16065	0.918	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	8047	0.676	ug/L #	90
47) Tetrachloroethene	8.557	164	2155	0.254	ug/L	85
48) 2-Hexanone	8.682	43	14036	2.858	ug/L #	96
49) Dibromochloromethane	8.550	129	2061	0.222	ug/L #	6
61) 1,2,3-Trichloropropane	11.814	75	12112	1.699	ug/L #	66

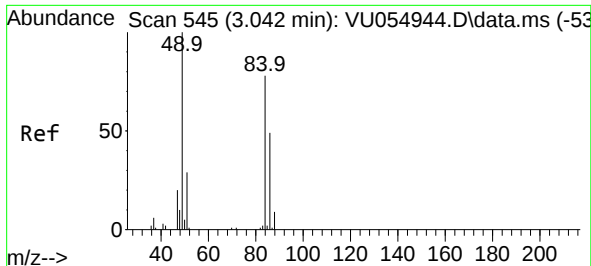
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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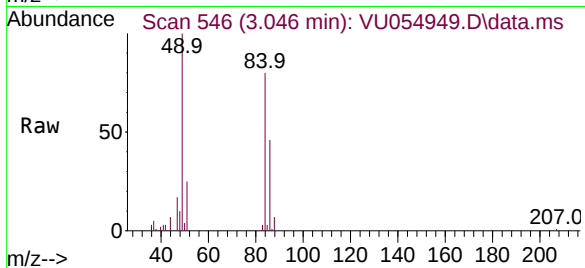
Quant Time: Aug 29 22:28:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
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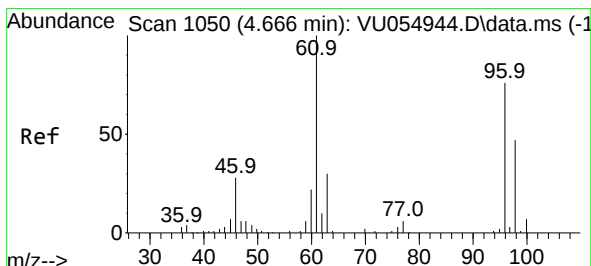
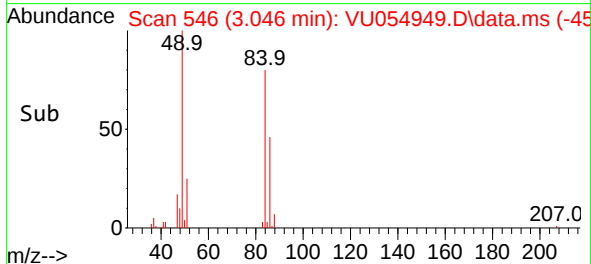
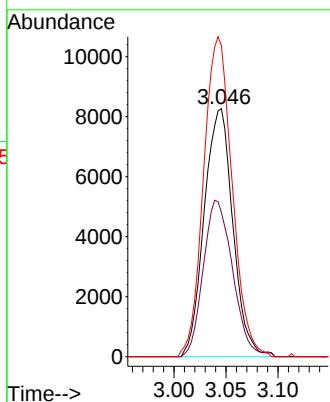


#16
Methylene chloride
Concen: 1.198 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU054949.D
Acq: 29 Aug 2023 12:13

Instrument :
MSVOA_U
ClientSampleId :

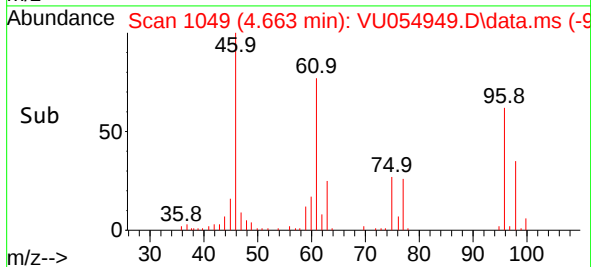
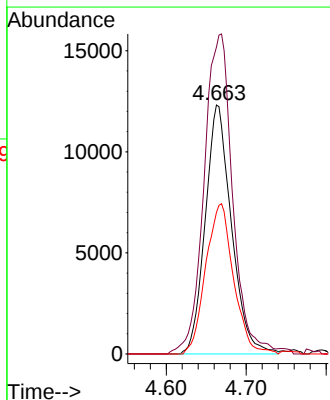
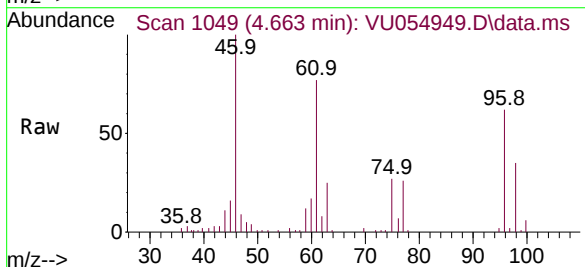


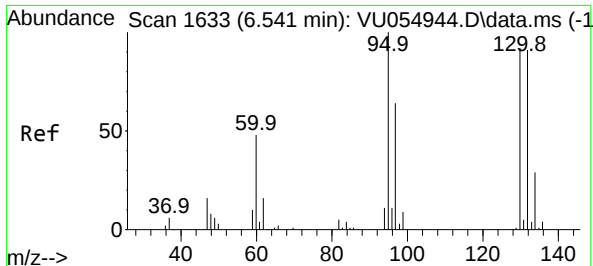
Tgt Ion: 84 Resp: 15857
Ion Ratio Lower Upper
84 100
86 58.1 45.1 83.7
49 125.4 89.5 166.3



#22
cis-1,2-Dichloroethene
Concen: 2.502 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU054949.D
Acq: 29 Aug 2023 12:13

Tgt Ion: 96 Resp: 28089
Ion Ratio Lower Upper
96 100
61 123.2 88.4 164.2
98 56.8 44.0 81.6





#34

Trichloroethene

Concen: 5.886 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054949.D

Acq: 29 Aug 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 69614

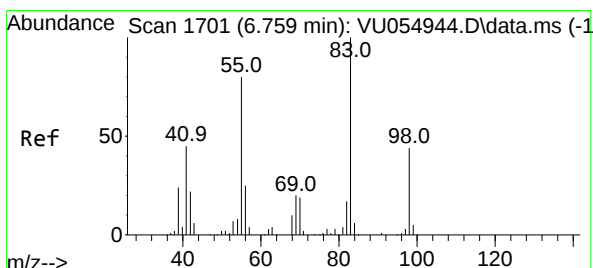
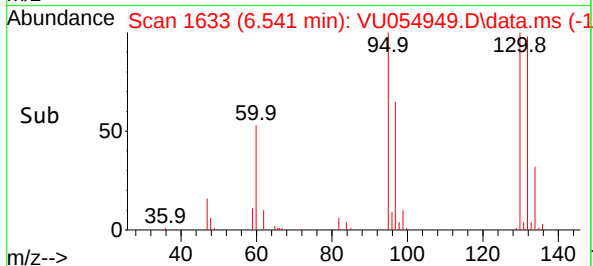
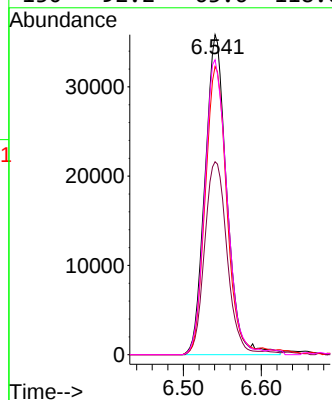
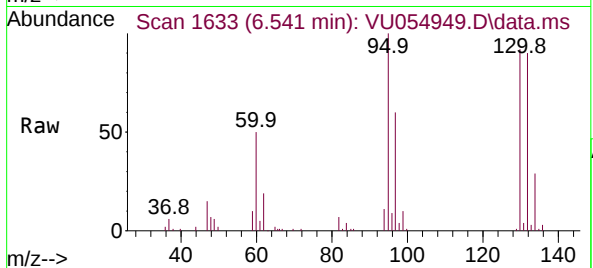
Ion Ratio Lower Upper

95 100

97 60.3 44.1 81.9

132 90.0 63.6 118.2

130 92.2 63.6 118.0



#35

Methylcyclohexane

Concen: 0.918 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.068 min

Lab File: VU054949.D

Acq: 29 Aug 2023 12:13

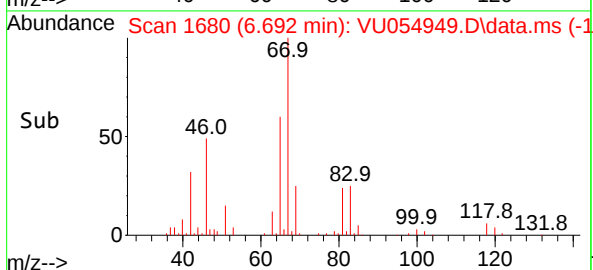
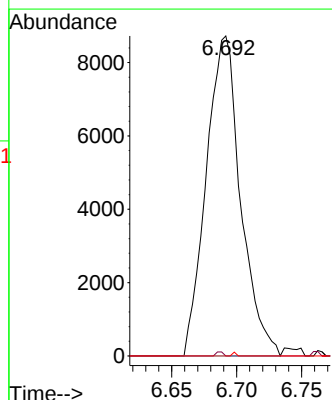
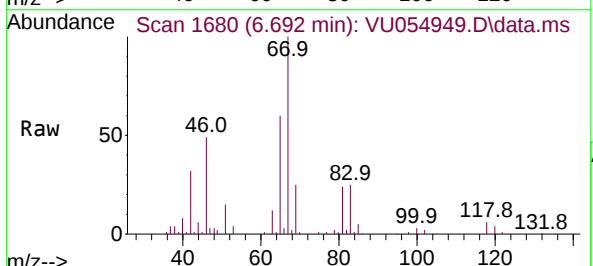
Tgt Ion: 83 Resp: 16065

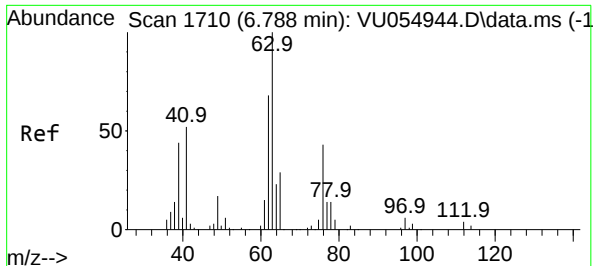
Ion Ratio Lower Upper

83 100

55 0.3 62.1 93.1#

98 0.0 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.676 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU054949.D

Acq: 29 Aug 2023 12:13

Instrument :

MSVOA_U

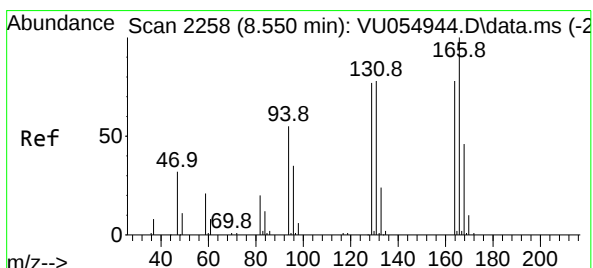
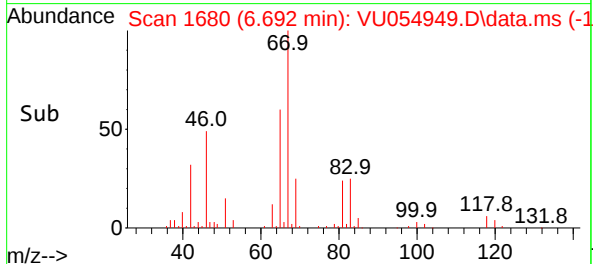
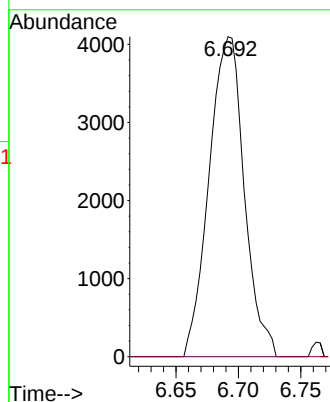
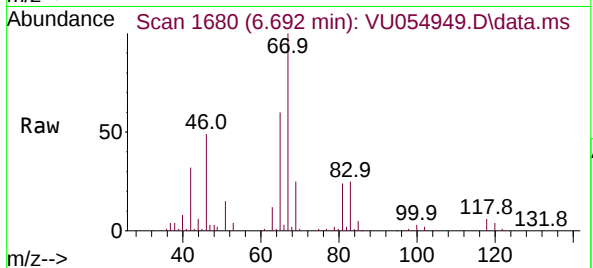
ClientSampleId :

Tgt Ion: 63 Resp: 8047

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#47

Tetrachloroethene

Concen: 0.254 ug/L

RT: 8.557 min Scan# 2260

Delta R.T. 0.006 min

Lab File: VU054949.D

Acq: 29 Aug 2023 12:13

Tgt Ion:164 Resp: 2155

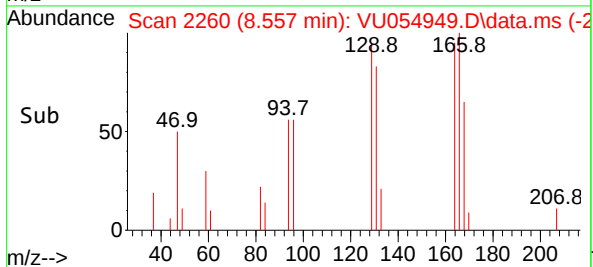
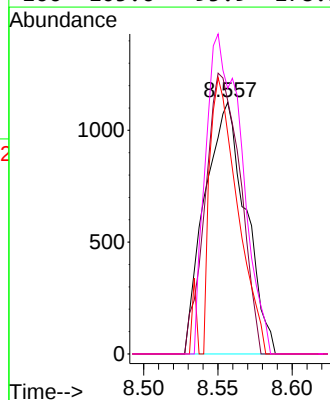
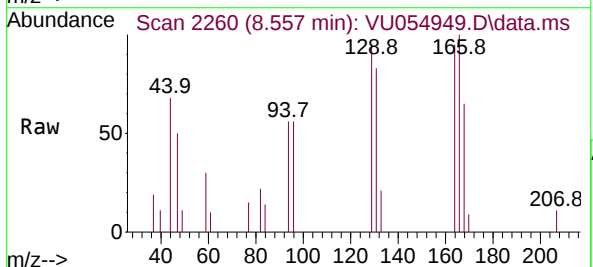
Ion Ratio Lower Upper

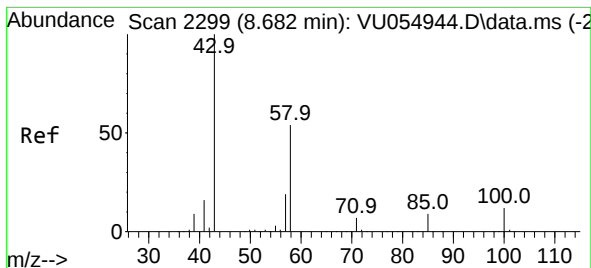
164 100

129 100.7 72.8 135.2

131 87.7 70.7 131.3

166 105.6 95.9 178.1





#48

2-Hexanone

Concen: 2.858 ug/L

RT: 8.682 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054949.D

Acq: 29 Aug 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 14036

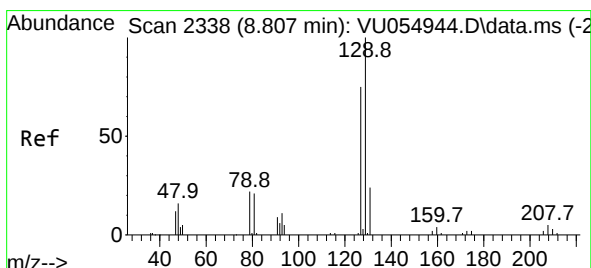
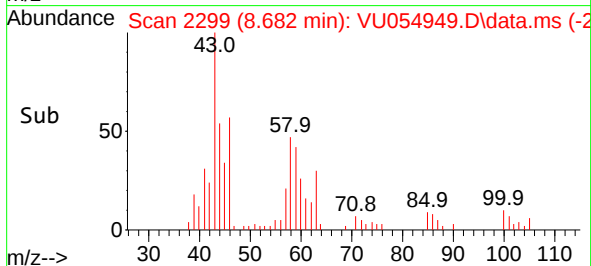
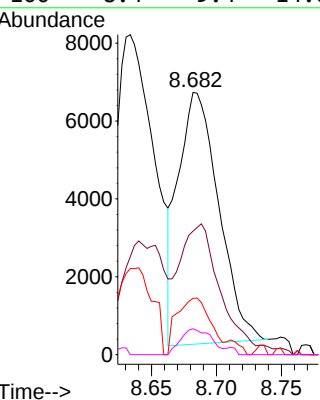
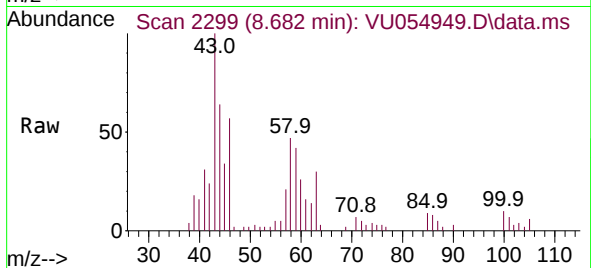
Ion Ratio Lower Upper

43 100

58 52.4 44.0 66.0

57 19.0 15.9 23.9

100 8.4 9.4 14.0#



#49

Dibromochloromethane

Concen: 0.222 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.257 min

Lab File: VU054949.D

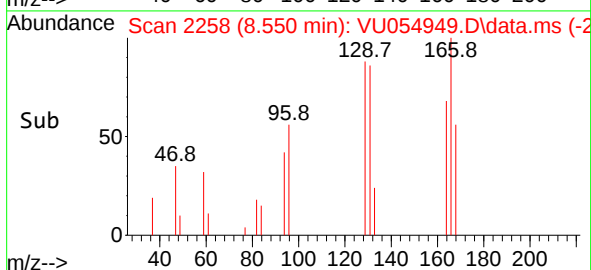
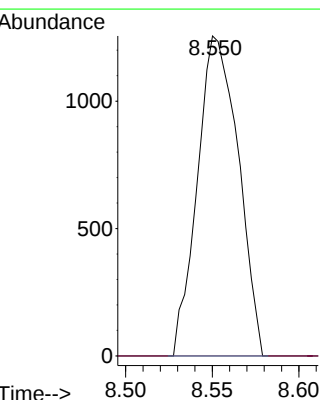
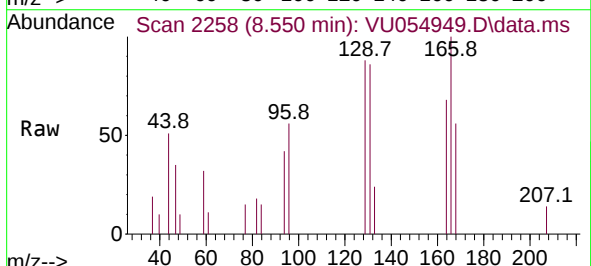
Acq: 29 Aug 2023 12:13

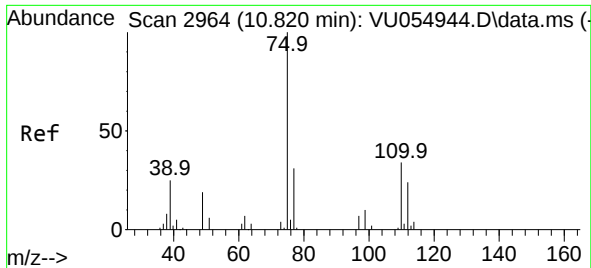
Tgt Ion: 129 Resp: 2061

Ion Ratio Lower Upper

129 100

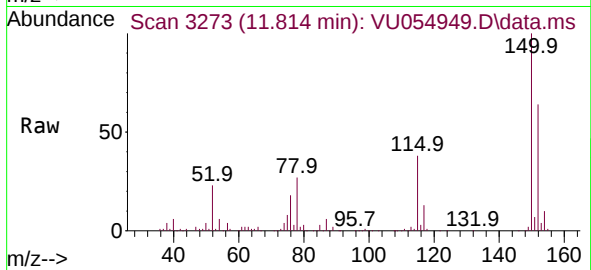
127 0.0 60.5 112.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.699 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU054949.D
 Acq: 29 Aug 2023 12:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12112
 Ion Ratio Lower Upper
 75 100
 110 2.8 29.0 43.6#
 77 37.7 26.5 39.7

