

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051094.D
 Acq On : 03 Oct 2022 19:48
 Operator : JC/MD
 Sample : N4854-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J35

Quant Time: Oct 03 23:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

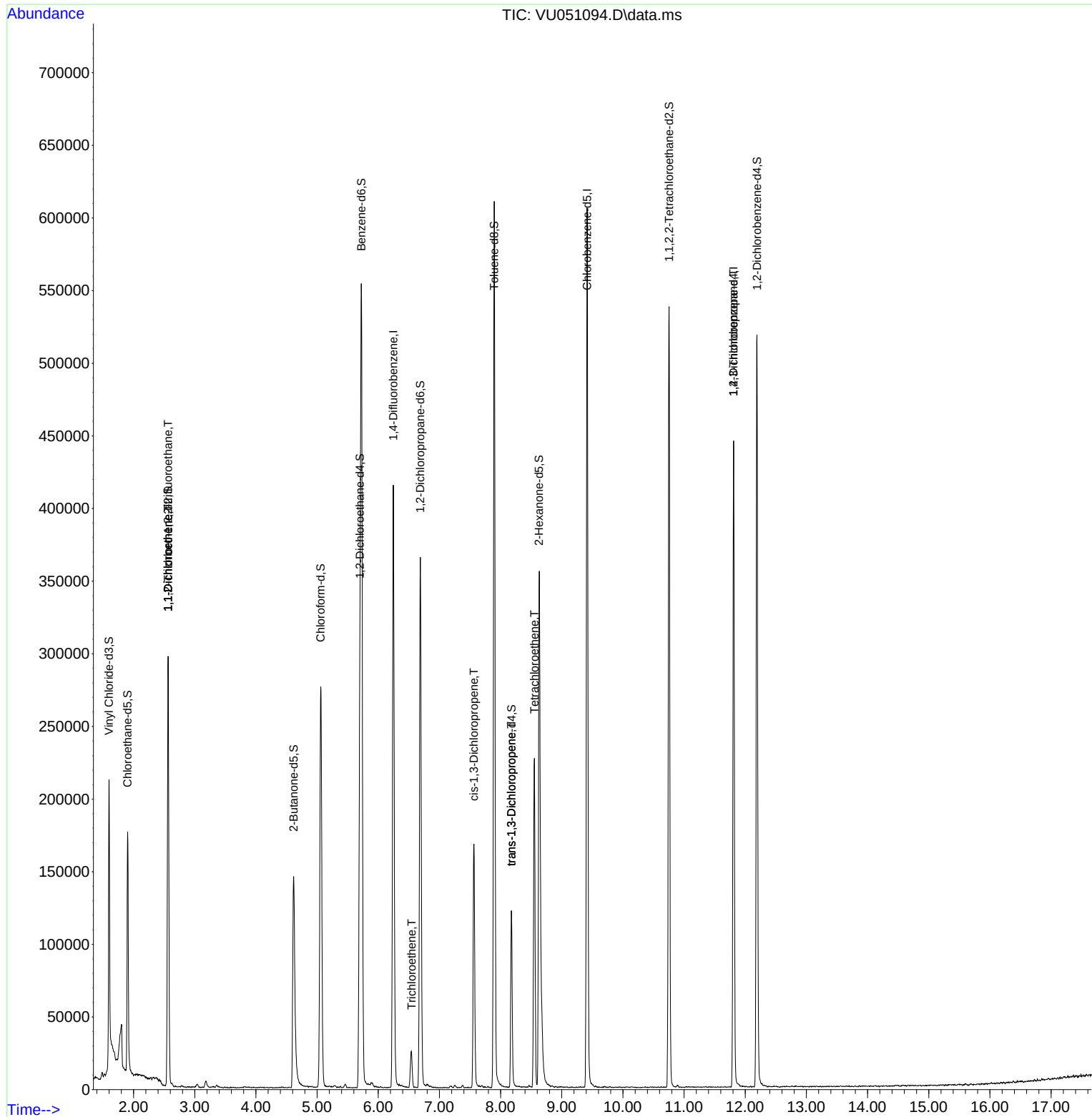
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	326164	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	339121	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	142990	43.258	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.520%	
7) Chloroethane-d5	1.903	69	127472	41.514	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	83.020%	
11) 1,1-Dichloroethene-d2	2.565	63	175825	36.009	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.020%	
21) 2-Butanone-d5	4.616	46	206926	96.518	ug/L	-0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	96.520%	
24) Chloroform-d	5.060	84	261399	49.084	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.160%	
26) 1,2-Dichloroethane-d4	5.700	65	172707	52.393	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.780%	
32) Benzene-d6	5.726	84	519547	52.317	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.640%	
36) 1,2-Dichloropropane-d6	6.687	67	180609	56.047	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	112.100%	
41) Toluene-d8	7.896	98	411576	44.857	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.720%	
43) trans-1,3-Dichloroprop...	8.179	79	69664	45.324	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.640%	
47) 2-Hexanone-d5	8.629	63	102182	78.531	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	78.530%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	273517	48.566	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.140%	
66) 1,2-Dichlorobenzene-d4	12.192	152	138740	54.730	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.460%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1742	0.700	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1325	0.570	ug/L #	1
34) Trichloroethene	6.546	95	7587	2.833	ug/L	95
39) cis-1,3-Dichloropropene	7.562	75	3988	1.011	ug/L #	66
44) trans-1,3-Dichloropropene	8.176	75	2826	0.709	ug/L #	70
46) Tetrachloroethene	8.552	164	50153	24.714	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	13635	4.366	ug/L #	67

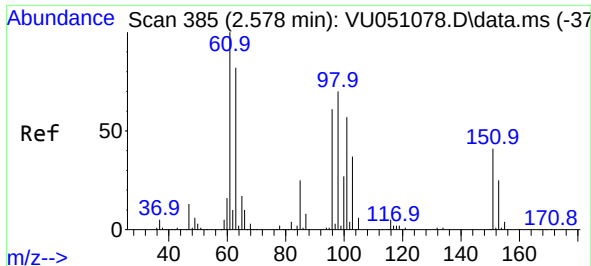
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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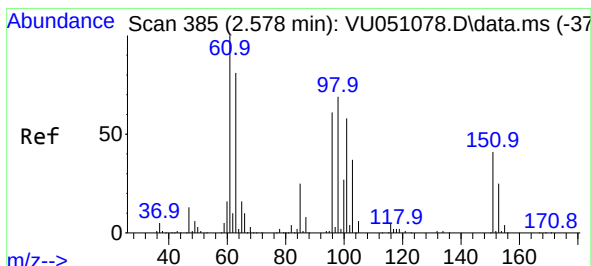
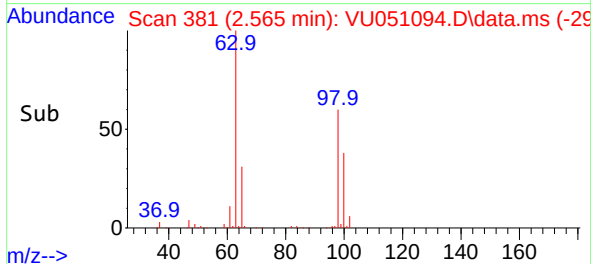
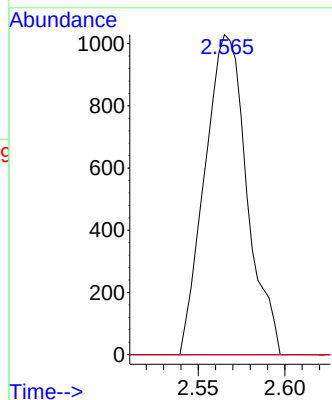
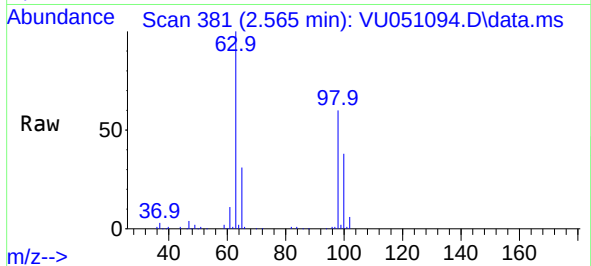




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.700 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051094.D
Acq: 03 Oct 2022 19:48

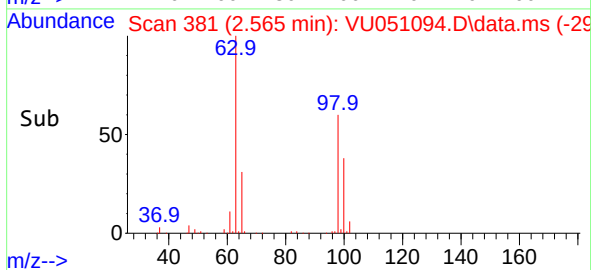
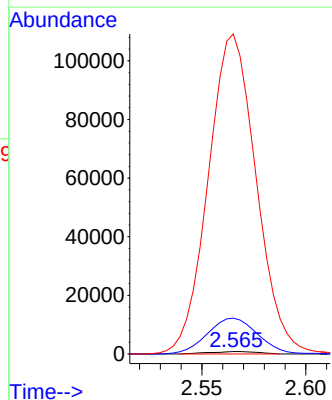
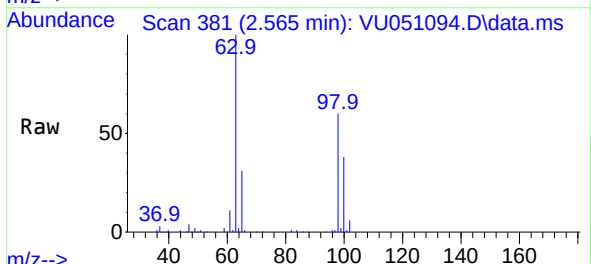
Instrument :
MSVOA_U
ClientSampleId :
F5J35

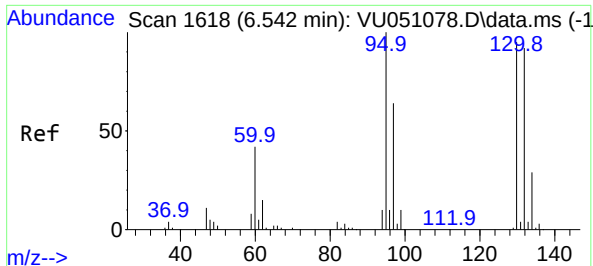
Tgt Ion:101 Resp: 1742
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.570 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051094.D
Acq: 03 Oct 2022 19:48

Tgt Ion: 96 Resp: 1325
Ion Ratio Lower Upper
96 100
61 1484.1 113.0 209.9#
63 13251.5 91.7 170.3#





#34

Trichloroethene

Concen: 2.833 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU051094.D

Acq: 03 Oct 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

F5J35

Tgt Ion: 95 Resp: 7587

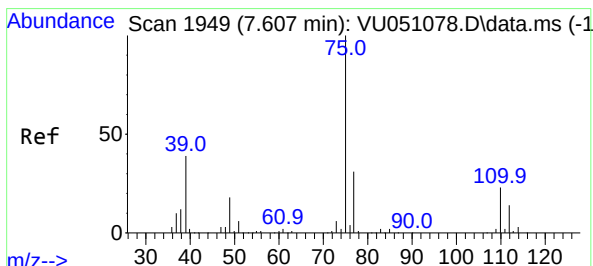
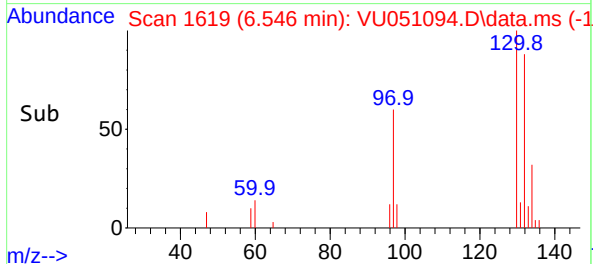
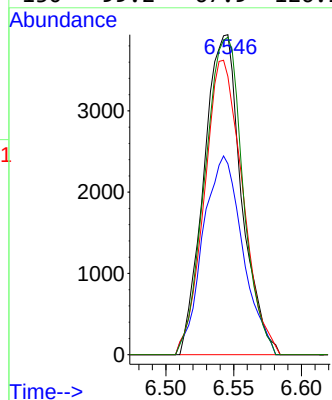
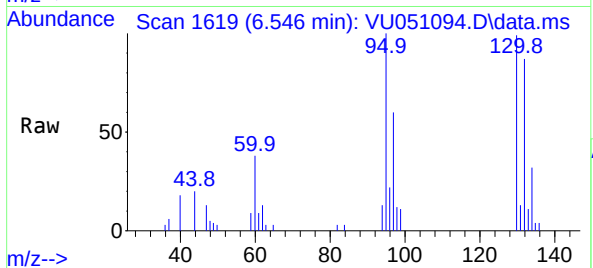
Ion Ratio Lower Upper

95 100

97 59.6 45.9 85.3

132 87.0 64.0 119.0

130 99.2 67.9 126.1



#39

cis-1,3-Dichloropropene

Concen: 1.011 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.042 min

Lab File: VU051094.D

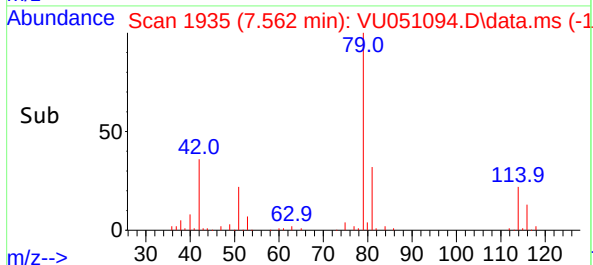
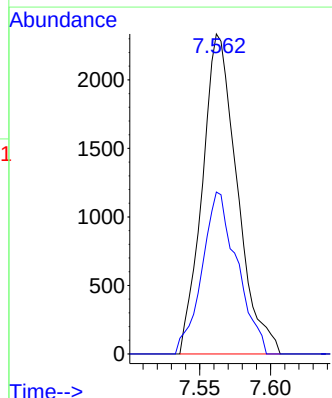
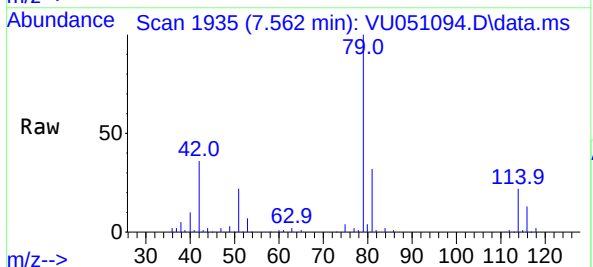
Acq: 03 Oct 2022 19:48

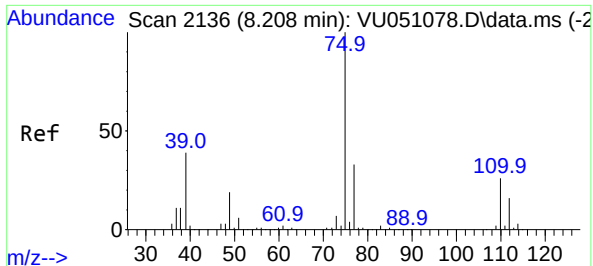
Tgt Ion: 75 Resp: 3988

Ion Ratio Lower Upper

75 100

77 50.6 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.709 ug/L

RT: 8.176 min Scan# 2136

Delta R.T. -0.032 min

Lab File: VU051094.D

Acq: 03 Oct 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

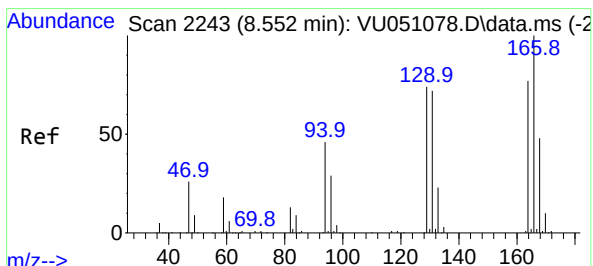
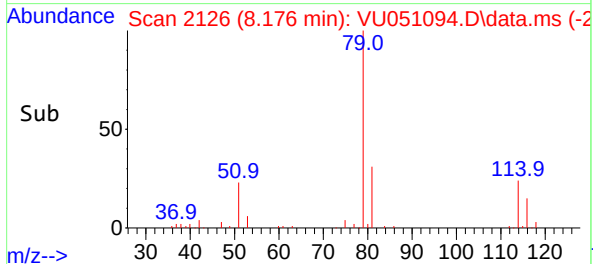
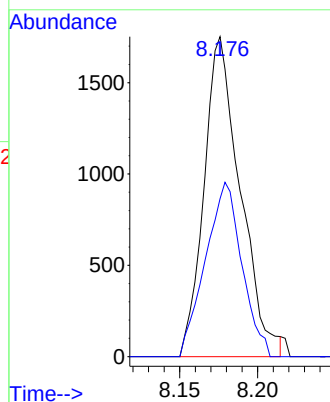
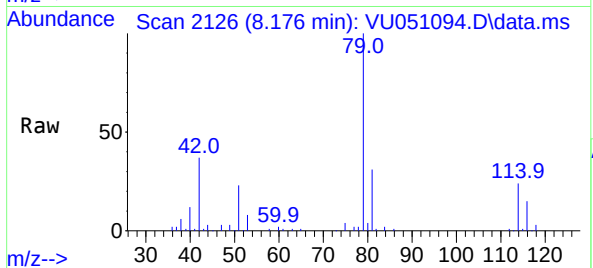
F5J35

Tgt Ion: 75 Resp: 2826

Ion Ratio Lower Upper

75 100

77 49.3 22.7 42.3#



#46

Tetrachloroethene

Concen: 24.714 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051094.D

Acq: 03 Oct 2022 19:48

Tgt Ion: 164 Resp: 50153

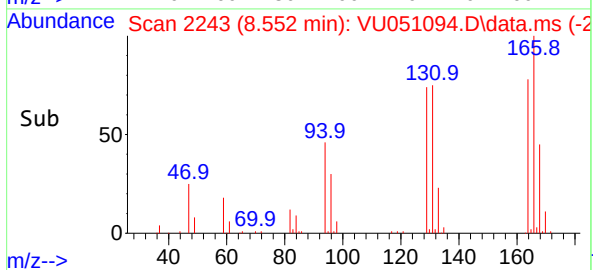
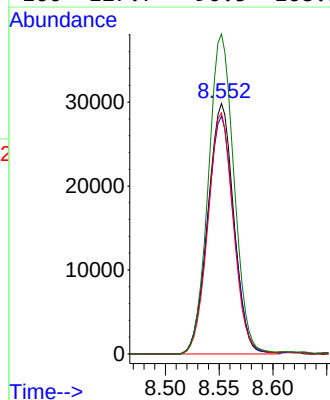
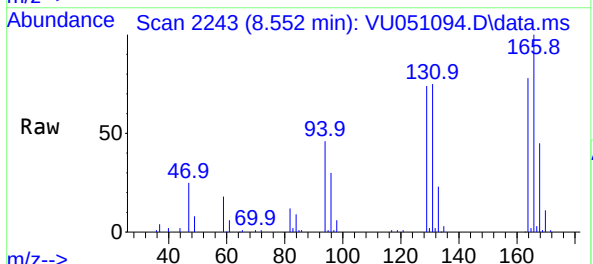
Ion Ratio Lower Upper

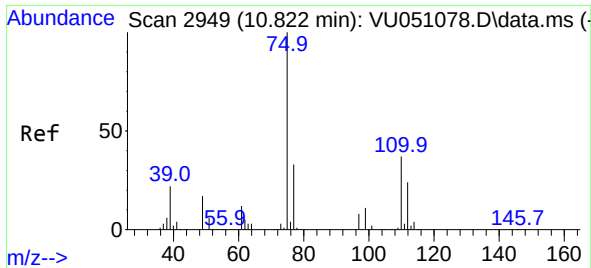
164 100

129 94.9 68.1 126.5

131 96.2 67.8 126.0

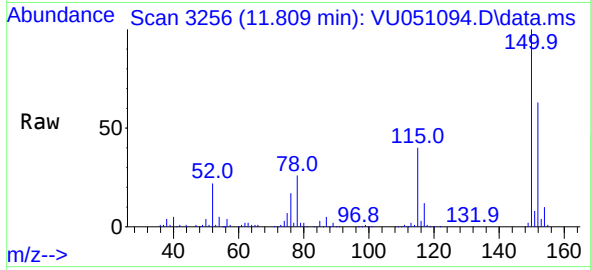
166 127.7 90.5 168.1





#60
 1,2,3-Trichloropropane
 Concen: 4.366 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051094.D
 Acq: 03 Oct 2022 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J35



Tgt Ion: 75 Resp: 13635

Ion	Ratio	Lower	Upper
75	100		
77	34.2	26.1	39.1
110	2.3	30.0	45.0#

