

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092722\
 Data File : VU050963.D
 Acq On : 27 Sep 2022 17:42
 Operator : JC/MD
 Sample : N4854-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J26

Quant Time: Sep 28 02:03:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 28 01:59:42 2022
 Response via : Initial Calibration

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

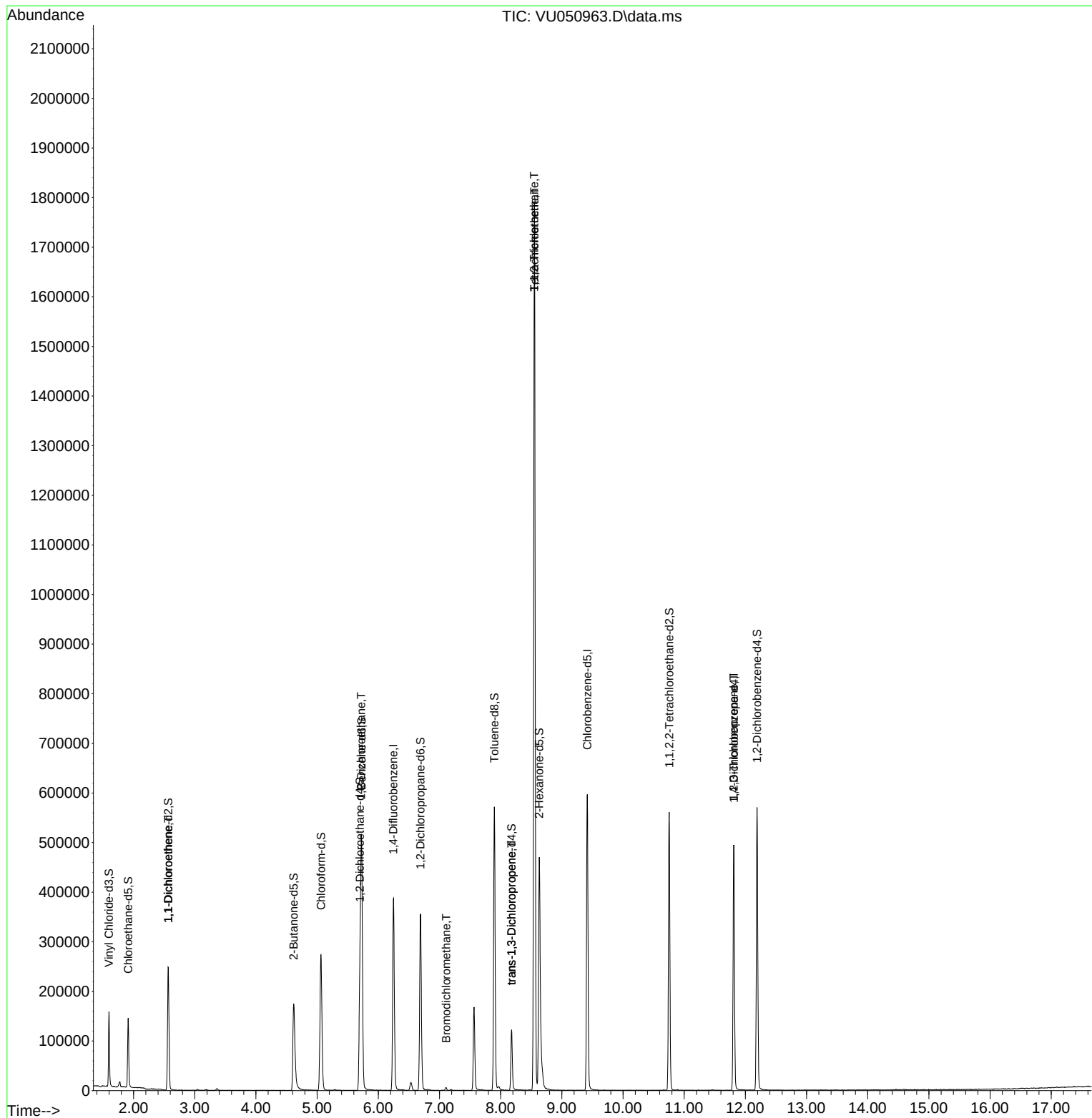
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	304139	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	332596	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130008	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	107156	34.006	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.020%	
7) Chloroethane-d5	1.912	69	103256	46.011	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.020%	
11) 1,1-Dichloroethene-d2	2.565	63	143847	29.338	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.680%#	
21) 2-Butanone-d5	4.616	46	246753	121.294	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	121.290%	
24) Chloroform-d	5.063	84	256818	52.007	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.020%	
26) 1,2-Dichloroethane-d4	5.700	65	169675	55.754	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	111.500%	
32) Benzene-d6	5.726	84	473895	43.258	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.520%	
36) 1,2-Dichloropropane-d6	6.690	67	172220	46.573	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.140%	
41) Toluene-d8	7.896	98	381982	39.889	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	79.780%#	
43) trans-1,3-Dichloroprop...	8.179	79	67680	42.072	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.140%	
47) 2-Hexanone-d5	8.629	63	141516	92.866	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.870%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	282904	50.181	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	100.360%	
66) 1,2-Dichlorobenzene-d4	12.192	152	148889	54.698	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	1179	0.504	ug/L #	1
27) 1,2-Dichloroethane	5.719	62	1552	0.423	ug/L	99
38) Bromodichloromethane	7.108	83	4209	1.055	ug/L #	96
44) trans-1,3-Dichloropropene	8.179	75	3060	0.718	ug/L	93
45) 1,1,2-Trichloroethane	8.549	97	3227	1.045	ug/L #	1
46) Tetrachloroethene	8.552	164	390090	190.924	ug/L	99
60) 1,2,3-Trichloropropane	11.809	75	15266	4.175	ug/L #	69

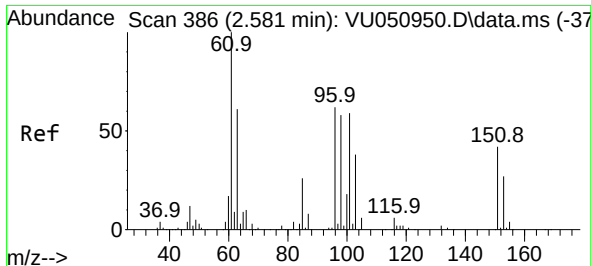
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.504 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU050963.D

Acq: 27 Sep 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

F5J26

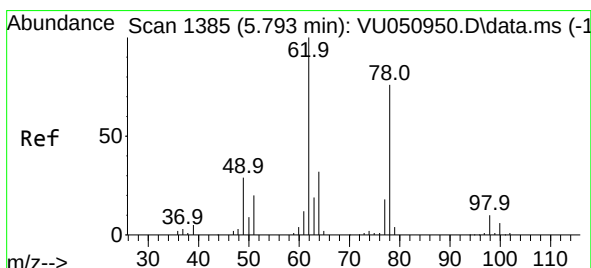
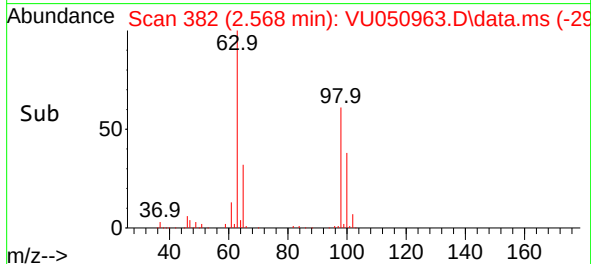
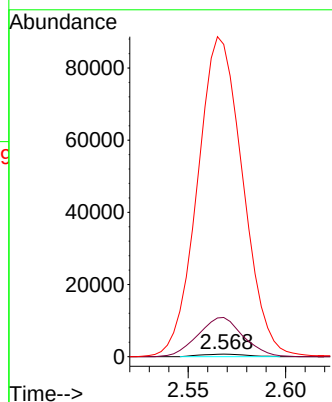
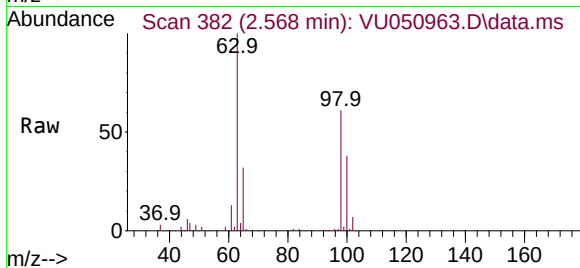
Tgt Ion: 96 Resp: 1179

Ion Ratio Lower Upper

96 100

61 1562.9 118.6 220.2#

63 12433.3 90.4 168.0#



#27

1,2-Dichloroethane

Concen: 0.423 ug/L

RT: 5.719 min Scan# 1362

Delta R.T. -0.074 min

Lab File: VU050963.D

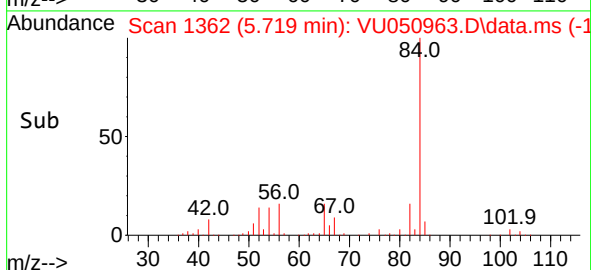
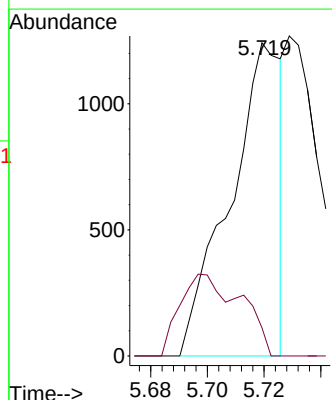
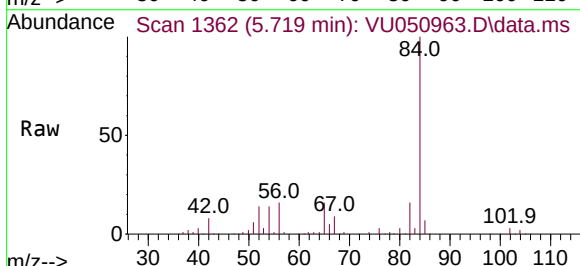
Acq: 27 Sep 2022 17:42

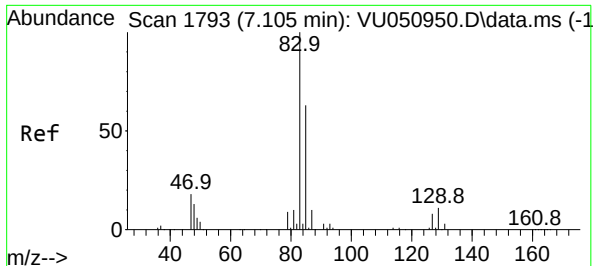
Tgt Ion: 62 Resp: 1552

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0

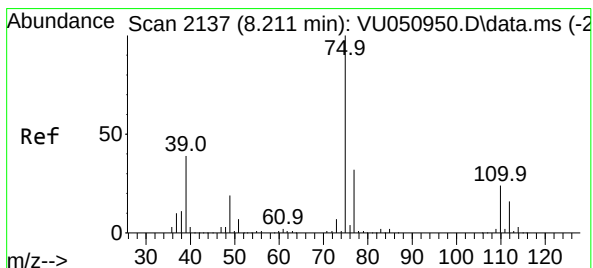
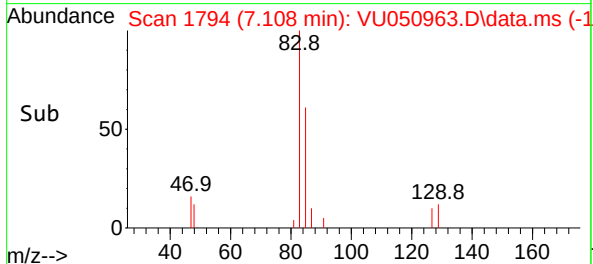
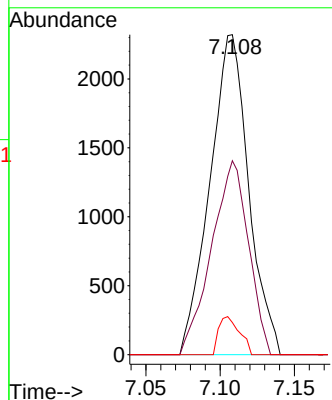
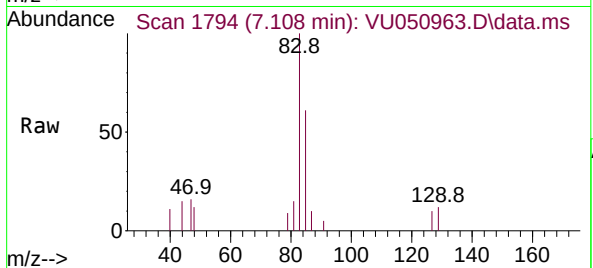




#38
Bromodichloromethane
Concen: 1.055 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050963.D
Acq: 27 Sep 2022 17:42

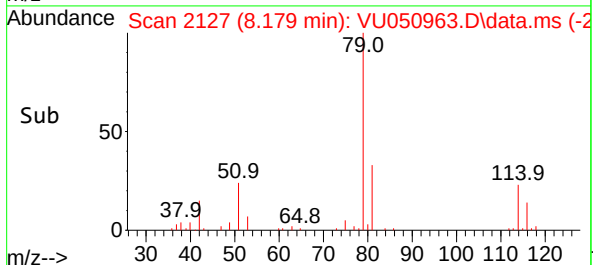
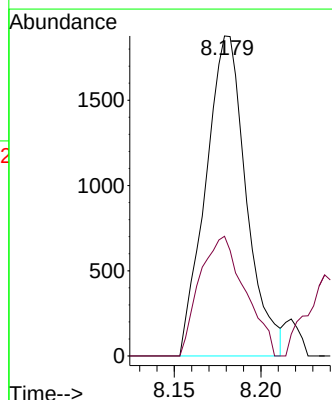
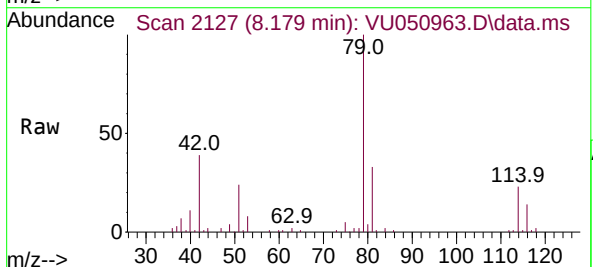
Instrument :
MSVOA_U
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F5J26

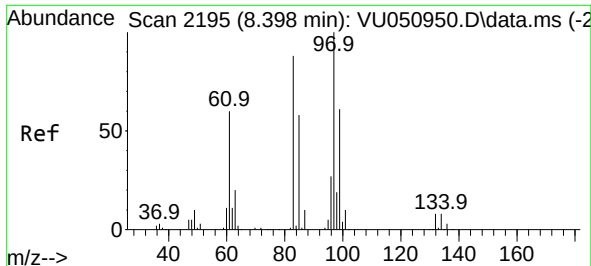
Tgt Ion: 83 Resp: 4209
Ion Ratio Lower Upper
83 100
85 60.6 44.3 82.3
127 10.0 6.4 9.6#



#44
trans-1,3-Dichloropropene
Concen: 0.718 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU050963.D
Acq: 27 Sep 2022 17:42

Tgt Ion: 75 Resp: 3060
Ion Ratio Lower Upper
75 100
77 35.3 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 1.045 ug/L

RT: 8.549 min Scan# 2195

Delta R.T. 0.151 min

Lab File: VU050963.D

Acq: 27 Sep 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

F5J26

Tgt Ion: 97 Resp: 3227

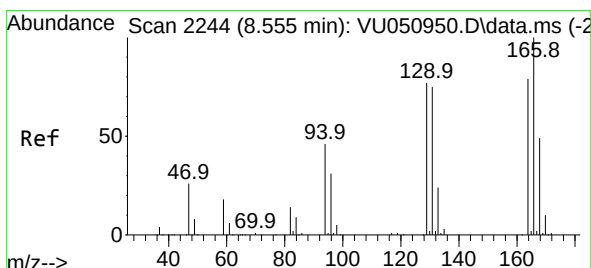
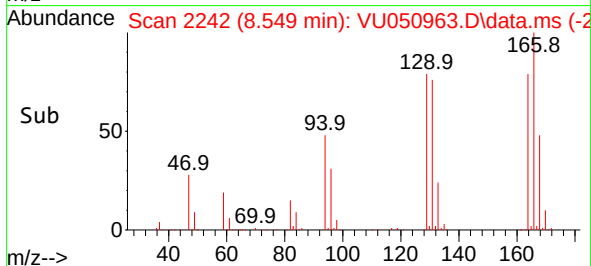
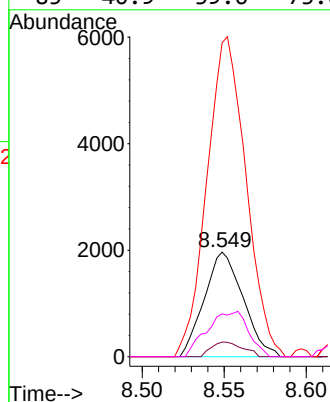
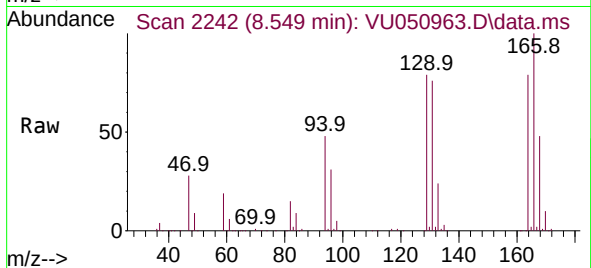
Ion Ratio Lower Upper

97 100

99 13.9 43.8 81.4#

83 299.9 62.6 116.3#

85 40.9 39.6 73.6



#46

Tetrachloroethene

Concen: 190.924 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU050963.D

Acq: 27 Sep 2022 17:42

Tgt Ion:164 Resp: 390090

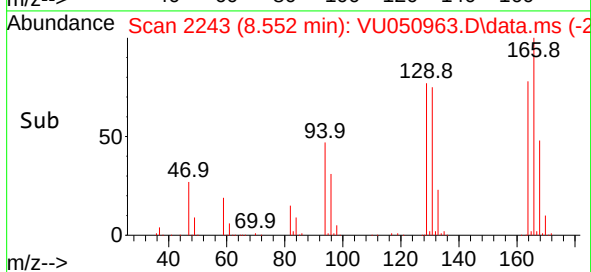
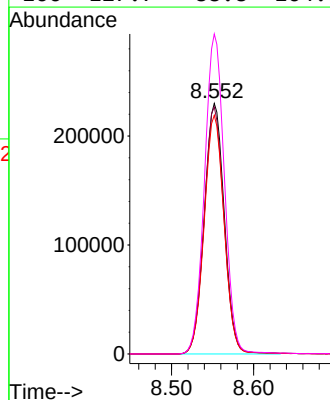
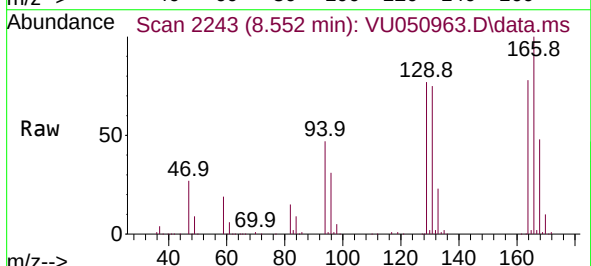
Ion Ratio Lower Upper

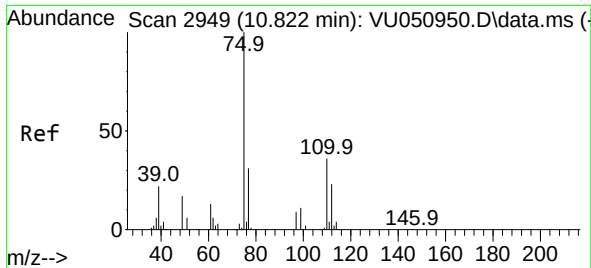
164 100

129 98.6 68.5 127.3

131 95.3 66.1 122.7

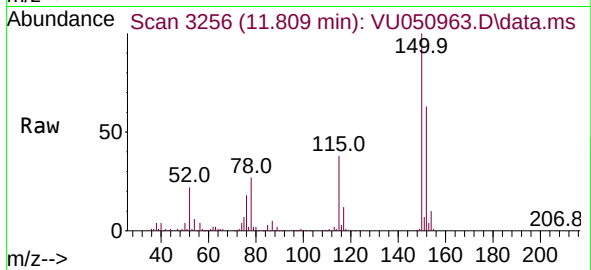
166 127.7 88.8 164.8





#60
 1,2,3-Trichloropropane
 Concen: 4.175 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050963.D
 Acq: 27 Sep 2022 17:42

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J26



Tgt Ion:	75	Resp:	15266
Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.2	39.4
110	1.5	28.6	43.0#

