

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU051011.D
 Acq On : 30 Sep 2022 04:16
 Operator : JC/MD
 Sample : N4880-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 05:53:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

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

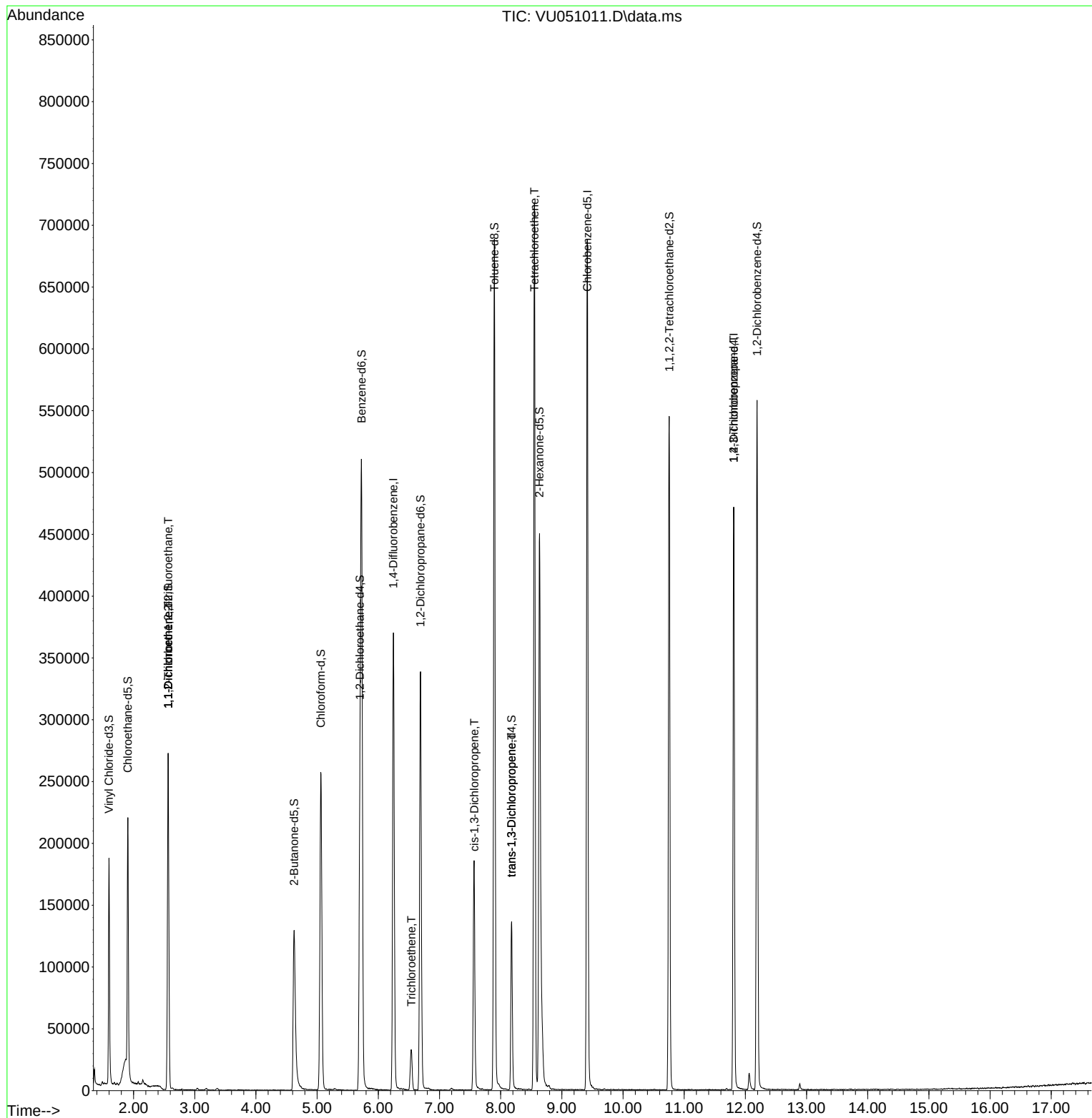
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	298078	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	380321	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	122185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	134924	44.664	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.320%	
7) Chloroethane-d5	1.906	69	147727	52.644	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	105.280%	
11) 1,1-Dichloroethene-d2	2.565	63	156325	35.032	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.060%	
21) 2-Butanone-d5	4.623	46	192531	98.266	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.270%	
24) Chloroform-d	5.060	84	237712	48.842	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.680%	
26) 1,2-Dichloroethane-d4	5.700	65	155535	51.630	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.260%	
32) Benzene-d6	5.726	84	469881	42.190	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.380%	
36) 1,2-Dichloropropane-d6	6.690	67	163462	45.231	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	90.460%	
41) Toluene-d8	7.896	98	459815	44.686	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.380%	
43) trans-1,3-Dichloroprop...	8.179	79	76772	44.538	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.080%	
47) 2-Hexanone-d5	8.632	63	131085	89.830	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.830%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	280308	44.380	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.760%	
66) 1,2-Dichlorobenzene-d4	12.192	152	145569	55.769	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.540%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1348	0.592	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1326	0.624	ug/L #	1
34) Trichloroethene	6.543	95	9424	3.138	ug/L	94
39) cis-1,3-Dichloropropene	7.571	75	4582	1.036	ug/L #	62
44) trans-1,3-Dichloropropene	8.179	75	3415	0.764	ug/L #	70
46) Tetrachloroethene	8.552	164	151814	66.705	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	14968	4.655	ug/L #	67

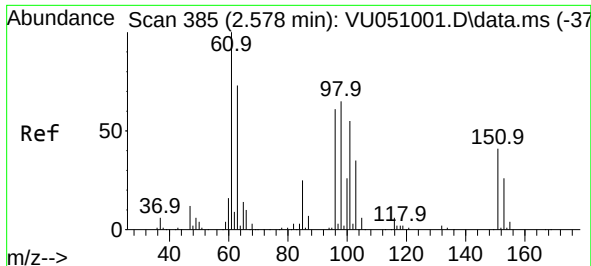
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.592 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051011.D

Acq: 30 Sep 2022 04:16

Instrument :

MSVOA_U

ClientSampleId :

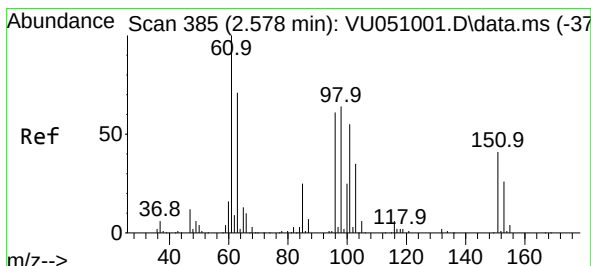
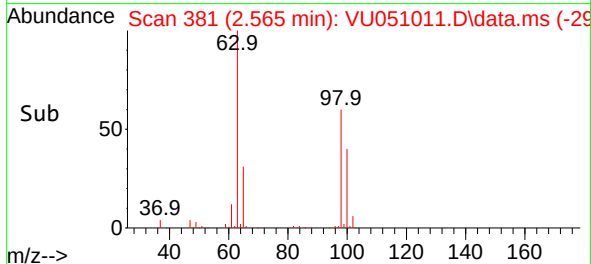
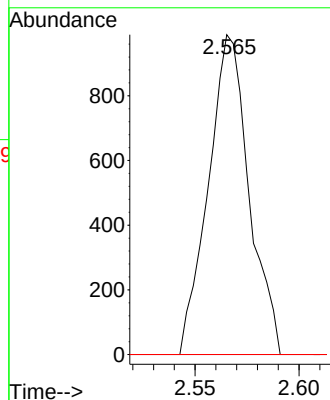
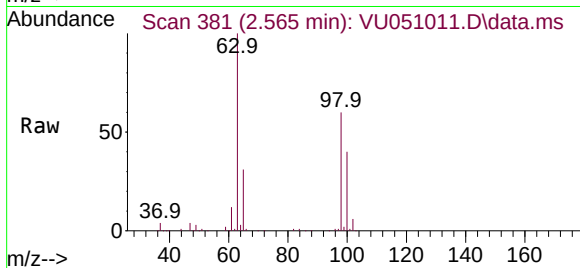
Tgt Ion:101 Resp: 1348

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: 0.624 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051011.D

Acq: 30 Sep 2022 04:16

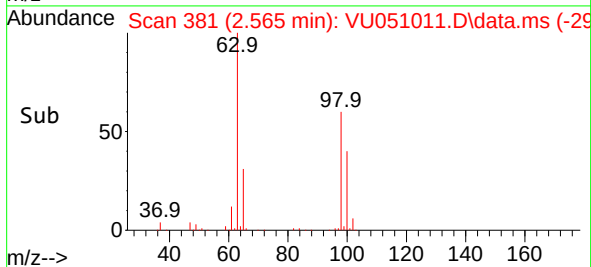
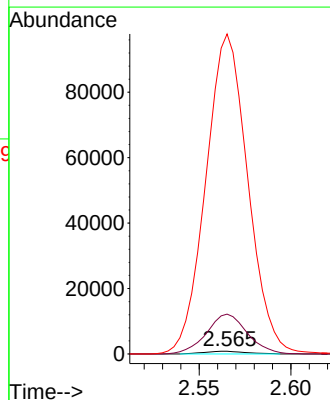
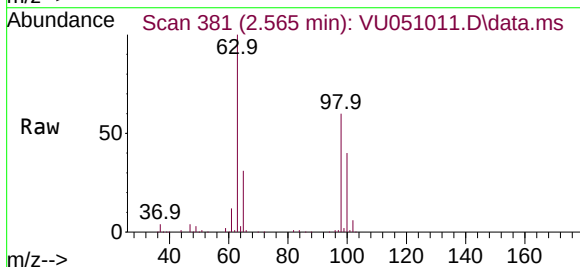
Tgt Ion: 96 Resp: 1326

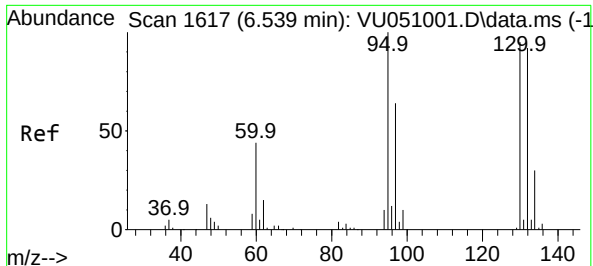
Ion Ratio Lower Upper

96 100

61 1476.6 113.0 209.9#

63 11870.9 91.7 170.3#

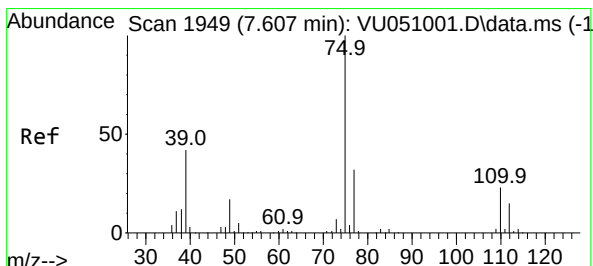
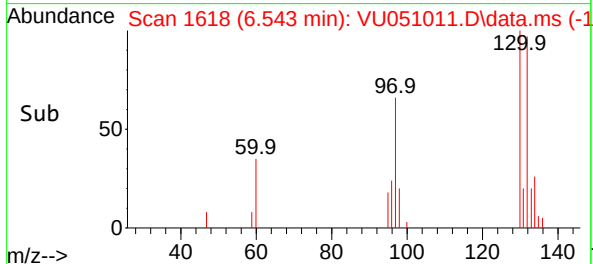
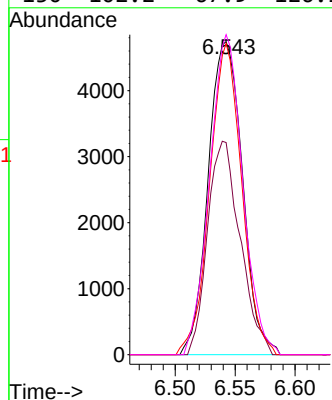
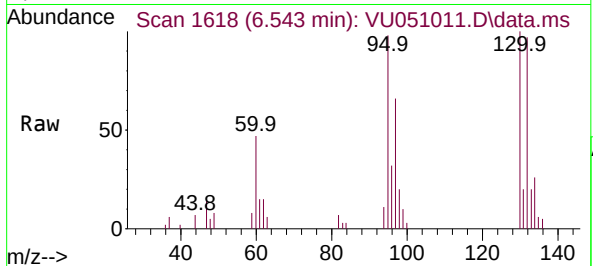




#34
Trichloroethene
Concen: 3.138 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051011.D
Acq: 30 Sep 2022 04:16

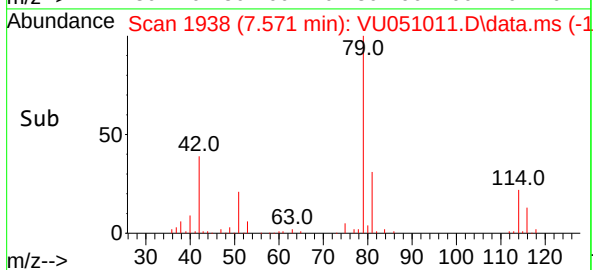
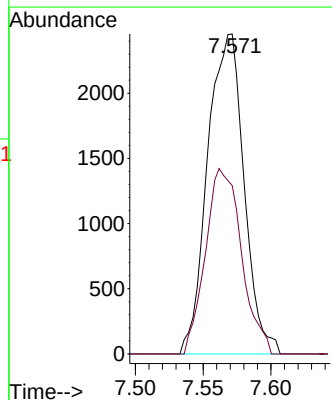
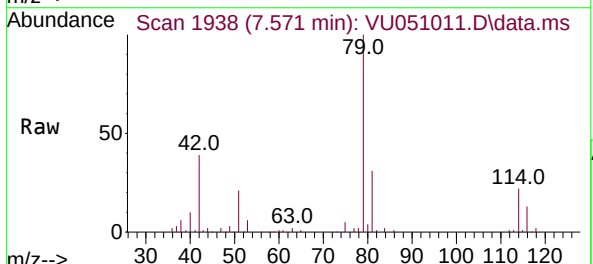
Instrument :
MSVOA_U
ClientSampleId :

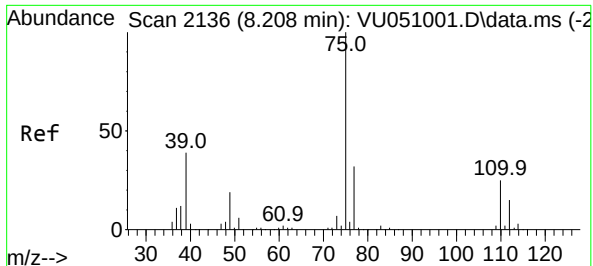
Tgt Ion: 95 Resp: 9424
Ion Ratio Lower Upper
95 100
97 67.7 45.9 85.3
132 99.3 64.0 119.0
130 102.2 67.9 126.1



#39
cis-1,3-Dichloropropene
Concen: 1.036 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.035 min
Lab File: VU051011.D
Acq: 30 Sep 2022 04:16

Tgt Ion: 75 Resp: 4582
Ion Ratio Lower Upper
75 100
77 52.6 22.0 41.0#

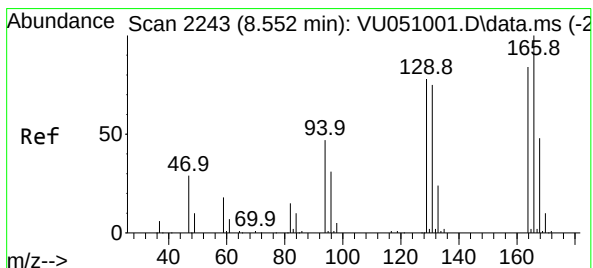
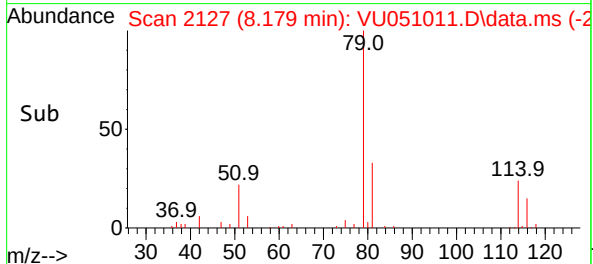
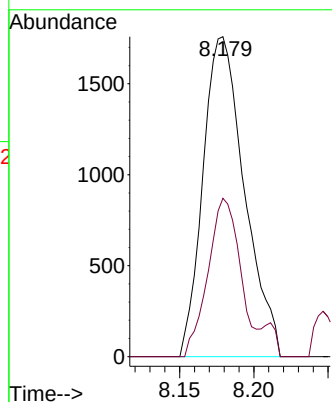
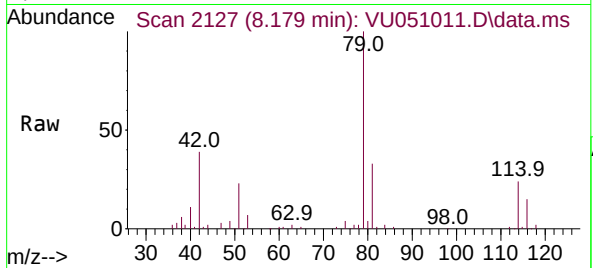




#44
trans-1,3-Dichloropropene
Concen: 0.764 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051011.D
Acq: 30 Sep 2022 04:16

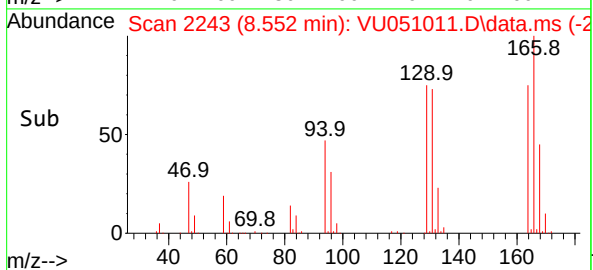
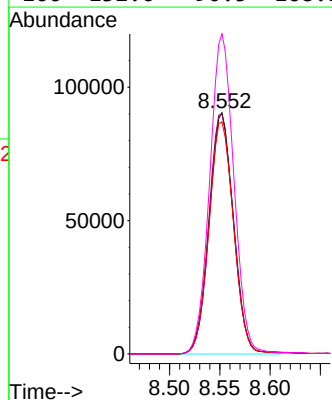
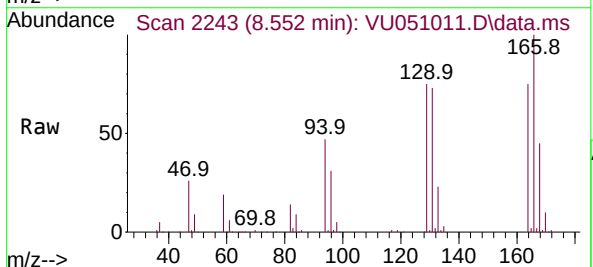
Instrument :
MSVOA_U
ClientSampleId :

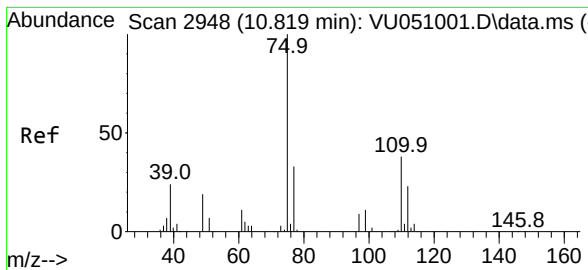
Tgt Ion: 75 Resp: 3415
Ion Ratio Lower Upper
75 100
77 49.5 22.7 42.3#



#46
Tetrachloroethene
Concen: 66.705 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051011.D
Acq: 30 Sep 2022 04:16

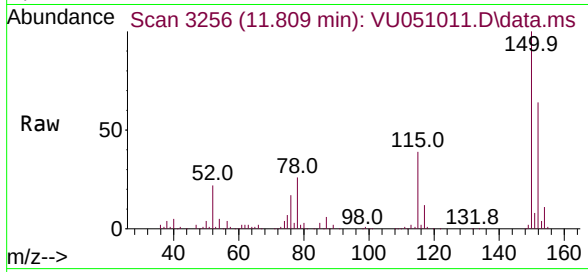
Tgt Ion: 164 Resp: 151814
Ion Ratio Lower Upper
164 100
129 99.5 68.1 126.5
131 96.2 67.8 126.0
166 132.6 90.5 168.1





#60
 1,2,3-Trichloropropane
 Concen: 4.655 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051011.D
 Acq: 30 Sep 2022 04:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	14968
Ion Ratio	Lower	Upper
75	100	
77	35.3	26.1 39.1
110	2.6	30.0 45.0#

