

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051182.D
 Acq On : 06 Oct 2022 19:19
 Operator : JC/MD
 Sample : N4893-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J13

Quant Time: Oct 07 01:34:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

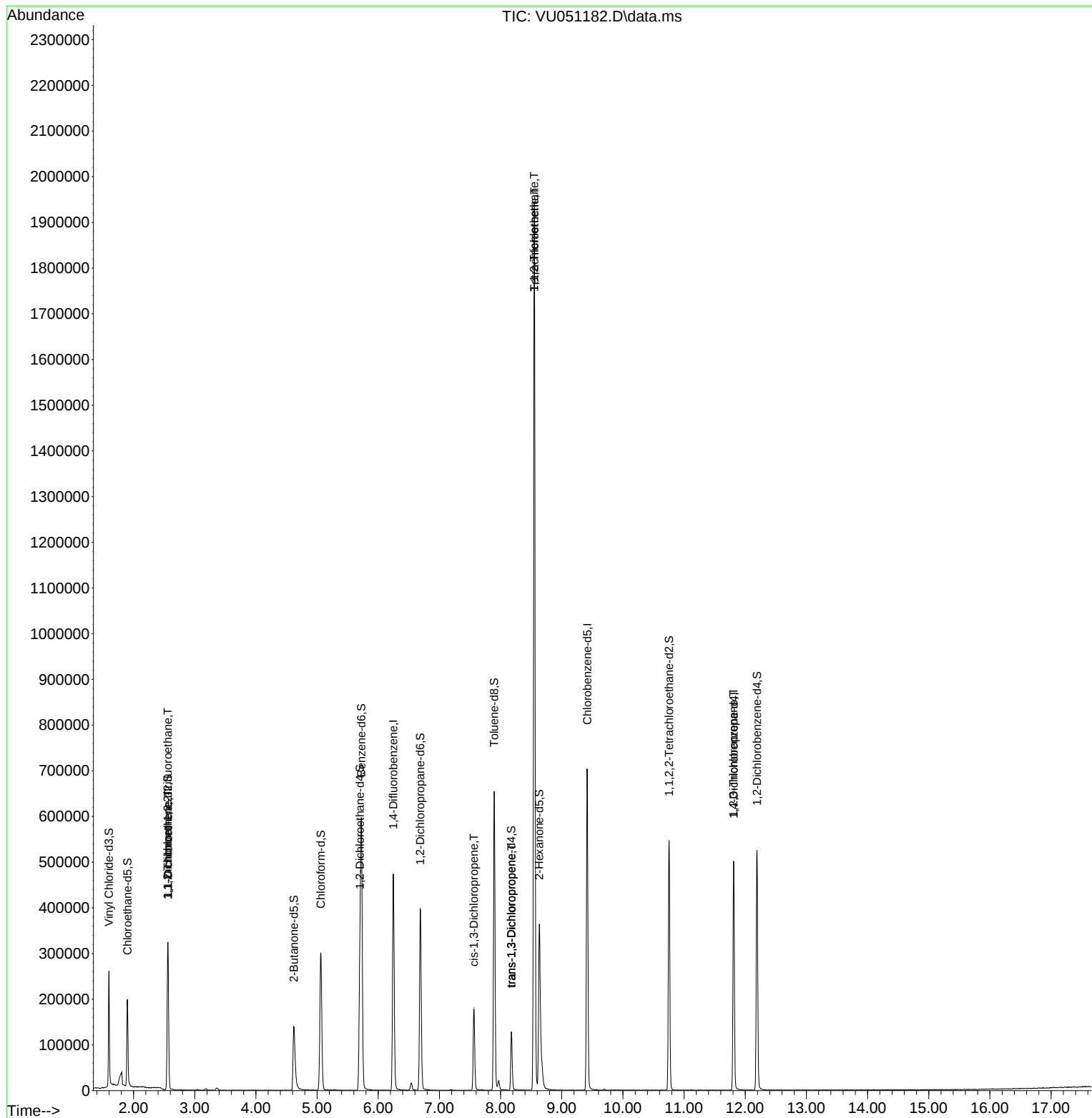
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	372631	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	398063	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171948	45.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.060%
7) Chloroethane-d5	1.900	69	146658	41.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.620%
11) 1,1-Dichloroethene-d2	2.559	63	195096	34.974	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.940%
21) 2-Butanone-d5	4.620	46	197114	80.477	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.480%
24) Chloroform-d	5.060	84	283602	46.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
26) 1,2-Dichloroethane-d4	5.700	65	183781	48.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
32) Benzene-d6	5.726	84	558484	47.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
36) 1,2-Dichloropropane-d6	6.687	67	192245	50.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	7.896	98	442369	41.074	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.140%
43) trans-1,3-Dichloroprop...	8.176	79	70269	38.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.900%
47) 2-Hexanone-d5	8.632	63	100587	65.858	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.860%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	282679	42.761	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.520%
66) 1,2-Dichlorobenzene-d4	12.192	152	140626	49.365	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.720%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1951	0.686	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1411	0.531	ug/L #	1
39) cis-1,3-Dichloropropene	7.562	75	3933	0.850	ug/L #	46
44) trans-1,3-Dichloropropene	8.179	75	3088	0.660	ug/L	97
45) 1,1,2-Trichloroethane	8.549	97	3514	0.993	ug/L #	1
46) Tetrachloroethene	8.552	164	423811	177.918	ug/L	97
60) 1,2,3-Trichloropropane	11.809	75	15793	4.500	ug/L #	67

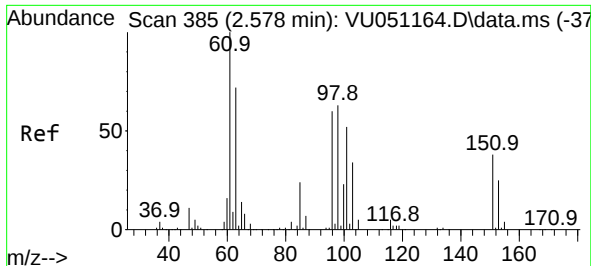
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.686 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.019 min

Lab File: VU051182.D

Acq: 06 Oct 2022 19:19

Instrument :

MSVOA_U

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F5J13

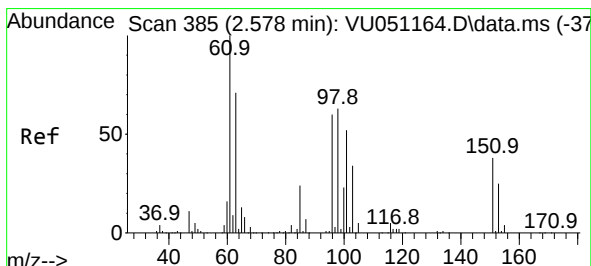
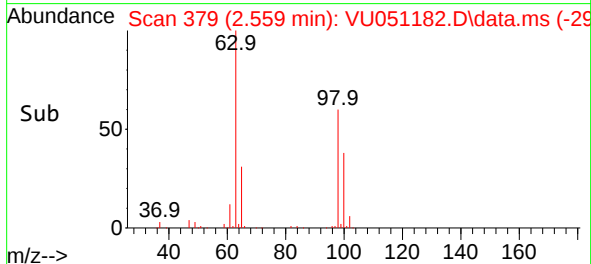
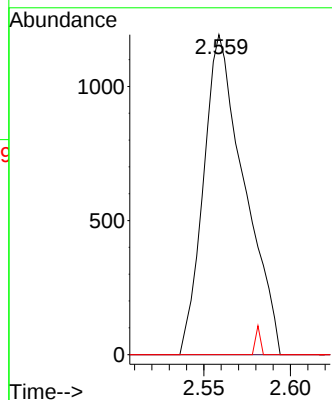
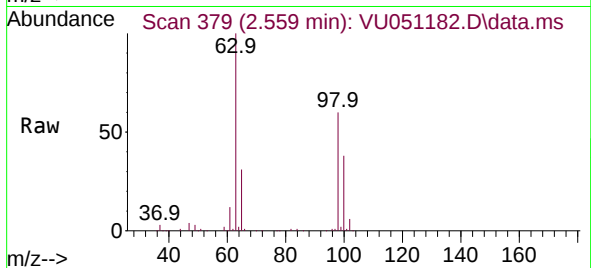
Tgt Ion:101 Resp: 1951

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: 0.531 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU051182.D

Acq: 06 Oct 2022 19:19

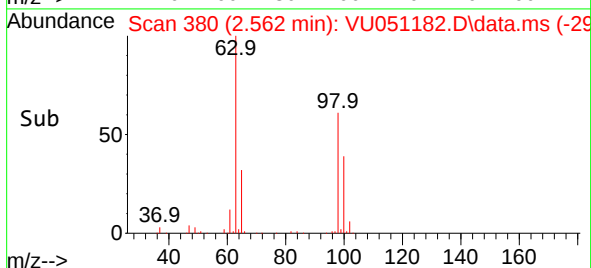
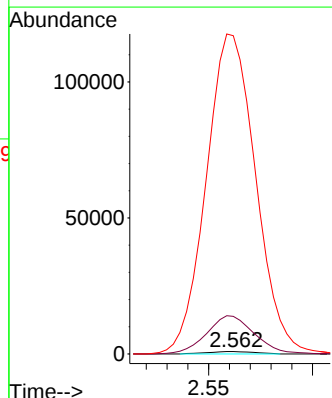
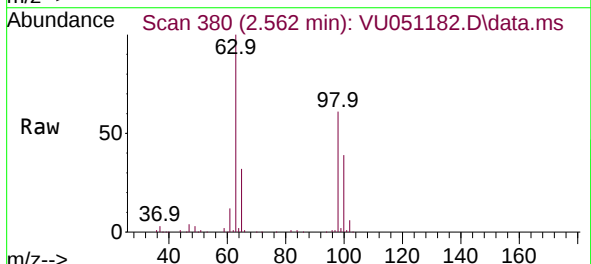
Tgt Ion: 96 Resp: 1411

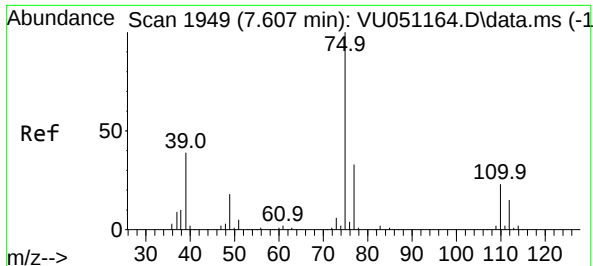
Ion Ratio Lower Upper

96 100

61 1556.6 113.0 209.9#

63 13157.3 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 0.850 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU051182.D

Acq: 06 Oct 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

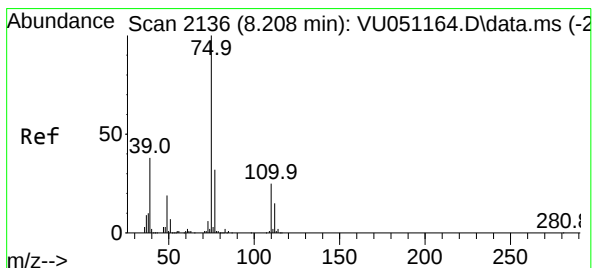
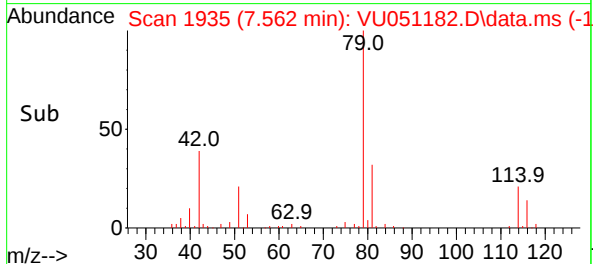
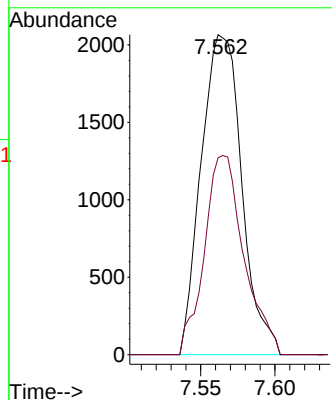
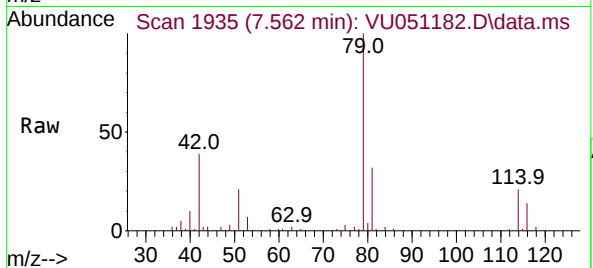
F5J13

Tgt Ion: 75 Resp: 3933

Ion Ratio Lower Upper

75 100

77 61.6 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051182.D

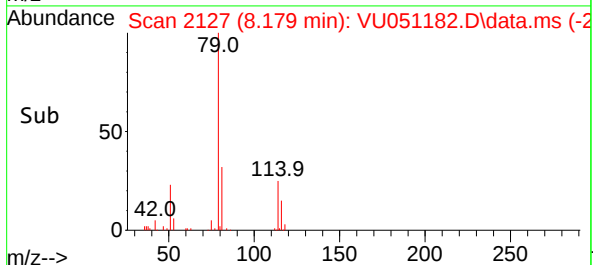
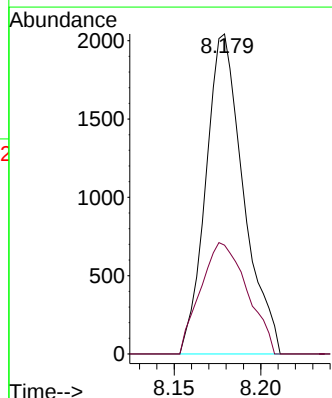
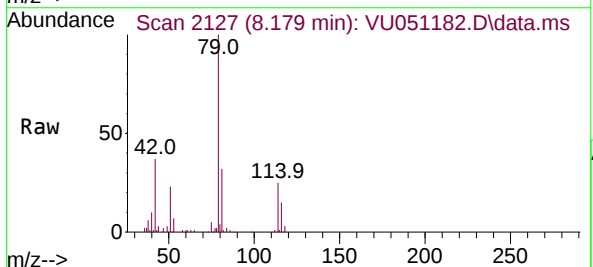
Acq: 06 Oct 2022 19:19

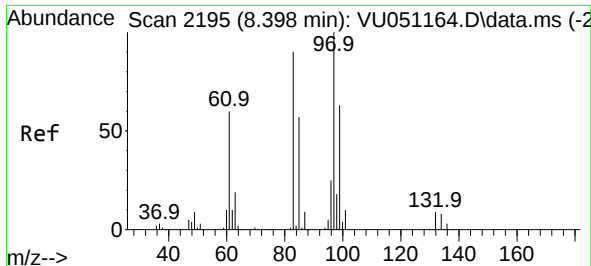
Tgt Ion: 75 Resp: 3088

Ion Ratio Lower Upper

75 100

77 34.0 22.7 42.3

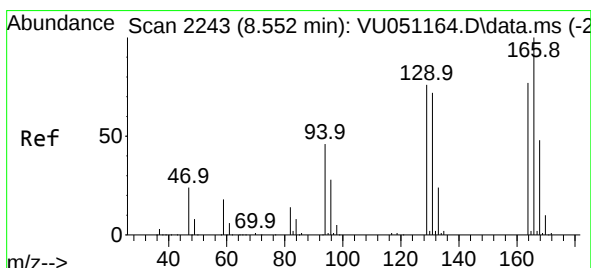
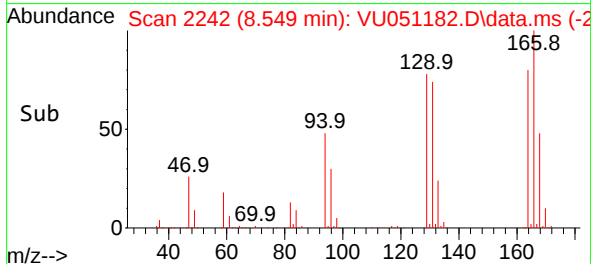
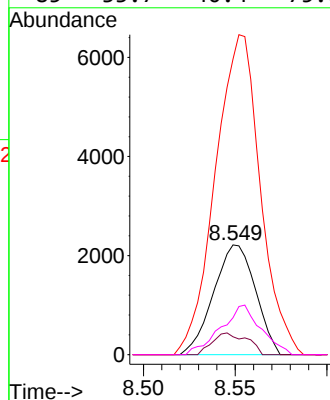
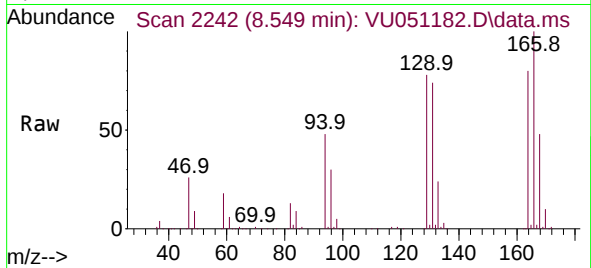




#45
1,1,2-Trichloroethane
Concen: 0.993 ug/L
RT: 8.549 min Scan# 2195
Delta R.T. 0.151 min
Lab File: VU051182.D
Acq: 06 Oct 2022 19:19

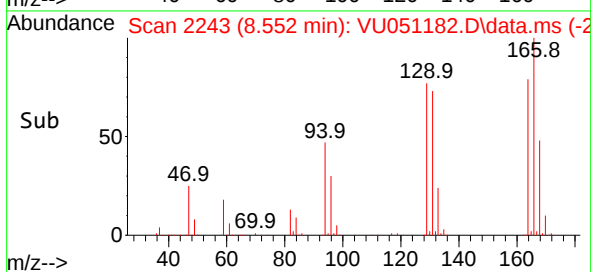
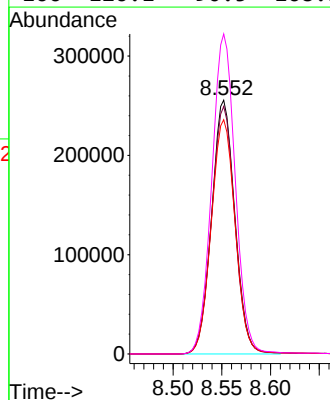
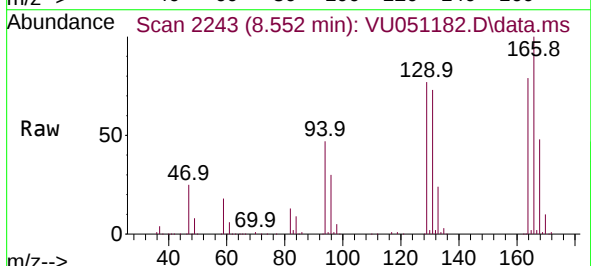
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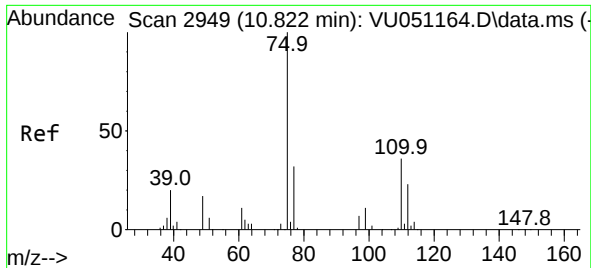
Tgt Ion: 97 Resp: 3514
Ion Ratio Lower Upper
97 100
99 16.4 44.4 82.4#
83 269.4 61.7 114.5#
85 33.7 40.4 75.0#



#46
Tetrachloroethene
Concen: 177.918 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051182.D
Acq: 06 Oct 2022 19:19

Tgt Ion:164 Resp: 423811
Ion Ratio Lower Upper
164 100
129 97.5 68.1 126.5
131 92.3 67.8 126.0
166 126.1 90.5 168.1





#60
 1,2,3-Trichloropropane
 Concen: 4.500 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051182.D
 Acq: 06 Oct 2022 19:19

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J13

Tgt Ion: 75 Resp: 15793
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.1 39.1
 110 1.4 30.0 45.0#

