

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051172.D
 Acq On : 06 Oct 2022 15:22
 Operator : JC/MD
 Sample : N4893-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J52

Quant Time: Oct 07 01:32:05 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)

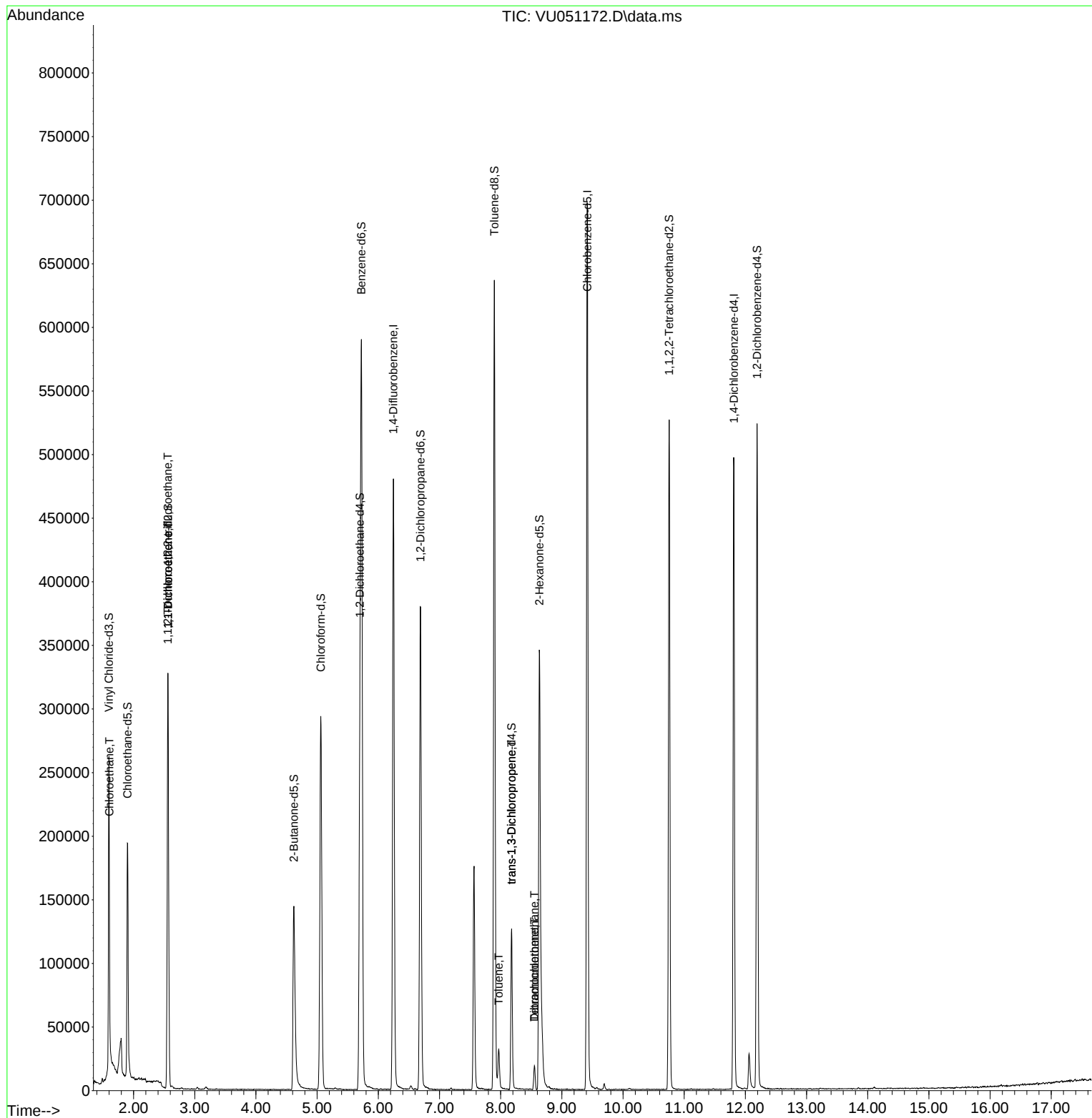
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	382392	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130953	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	167828	43.307	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.620%	
7) Chloroethane-d5	1.900	69	142354	39.544	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	79.080%	
11) 1,1-Dichloroethene-d2	2.562	63	195046	34.072	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.140%	
21) 2-Butanone-d5	4.620	46	200185	79.644	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	79.640%	
24) Chloroform-d	5.060	84	275394	44.108	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.220%	
26) 1,2-Dichloroethane-d4	5.700	65	177415	45.908	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.820%	
32) Benzene-d6	5.723	84	544724	47.727	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.460%	
36) 1,2-Dichloropropane-d6	6.687	67	187582	50.649	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.300%	
41) Toluene-d8	7.896	98	429662	40.745	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.500%	
43) trans-1,3-Dichloroprop...	8.179	79	69058	39.094	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.180%	
47) 2-Hexanone-d5	8.632	63	98672	65.982	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	65.980%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	270843	41.844	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	83.680%	
66) 1,2-Dichlorobenzene-d4	12.192	152	138719	49.586	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.180%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.604	64	39074	13.234	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1869	0.640	ug/L #	22
12) 1,1-Dichloroethene	2.562	96	1554	0.570	ug/L #	1
42) Toluene	7.967	91	22284	1.763	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	3161	0.690	ug/L #	79
46) Tetrachloroethene	8.552	164	4142	1.776	ug/L	92
49) Dibromochloromethane	8.552	129	4010	1.100	ug/L #	12

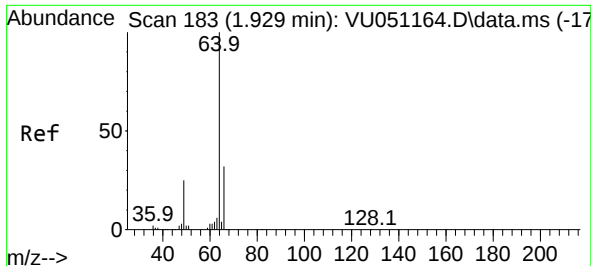
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 07 01:29:24 2022
Response via : Initial Calibration





#8

Chloroethane

Concen: 13.234 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.325 min

Lab File: VU051172.D

Acq: 06 Oct 2022 15:22

Instrument :

MSVOA_U

ClientSampleId :

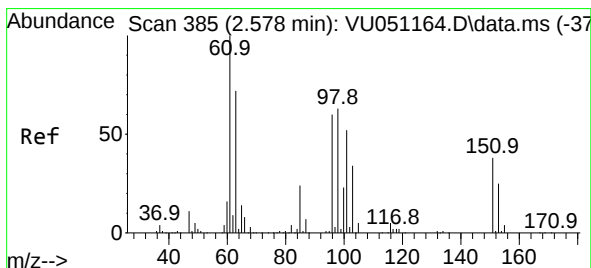
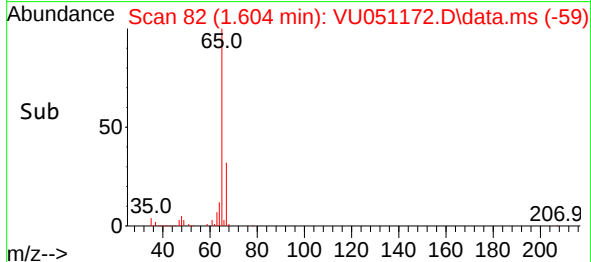
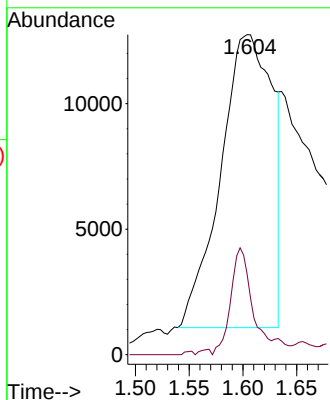
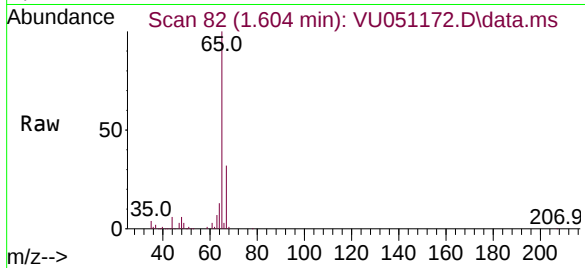
F5J52

Tgt Ion: 64 Resp: 39074

Ion Ratio Lower Upper

64 100

66 25.4 22.3 41.3



#10

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

Concen: 0.640 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.019 min

Lab File: VU051172.D

Acq: 06 Oct 2022 15:22

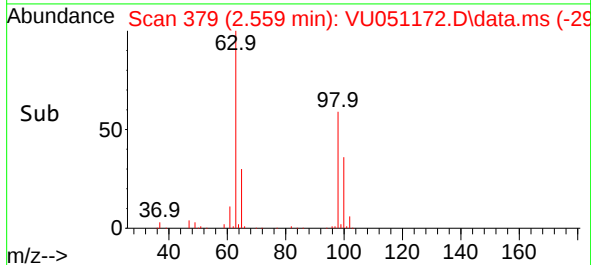
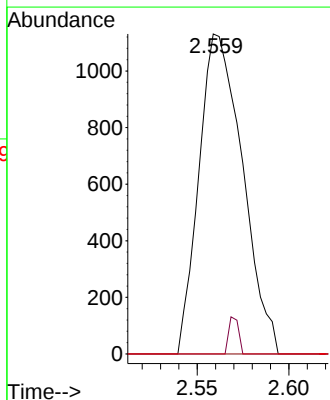
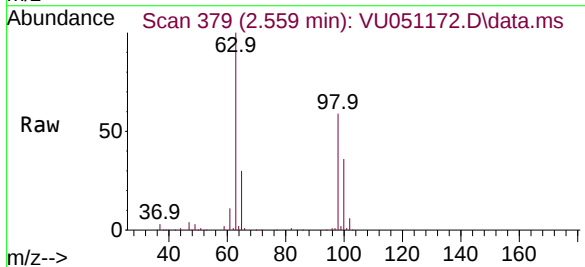
Tgt Ion: 101 Resp: 1869

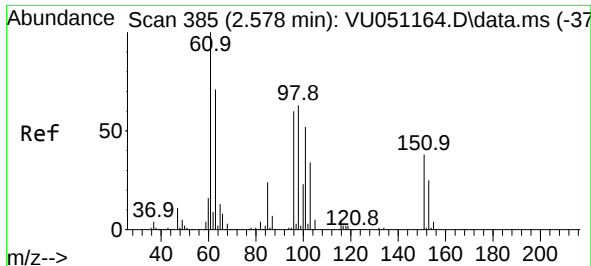
Ion Ratio Lower Upper

101 100

85 2.6 34.6 52.0#

151 0.0 58.6 87.8#





#12

1,1-Dichloroethene

Concen: 0.570 ug/L

RT: 2.562 min Scan# 385

Delta R.T. -0.016 min

Lab File: VU051172.D

Acq: 06 Oct 2022 15:22

Instrument :

MSVOA_U

ClientSampleId :

F5J52

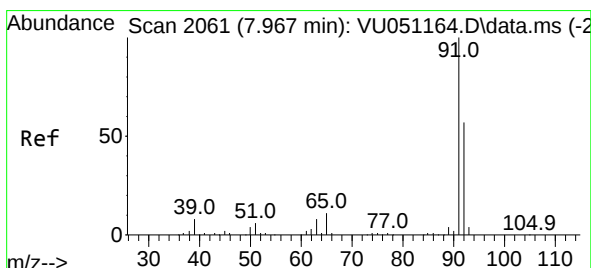
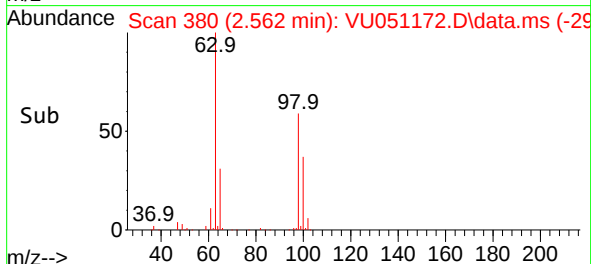
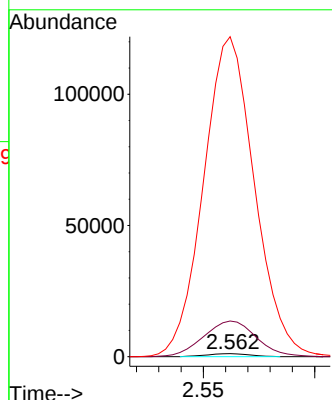
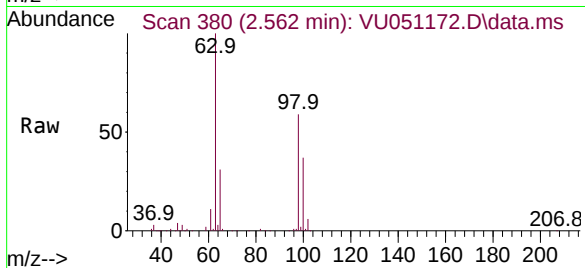
Tgt Ion: 96 Resp: 1554

Ion Ratio Lower Upper

96 100

61 1193.8 113.0 209.9#

63 10699.6 91.7 170.3#



#42

Toluene

Concen: 1.763 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051172.D

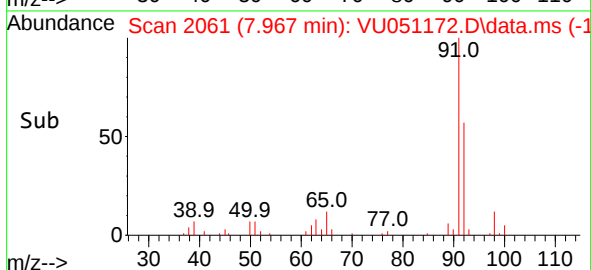
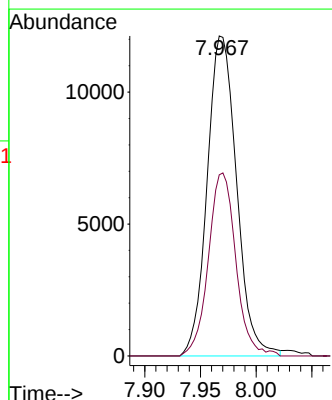
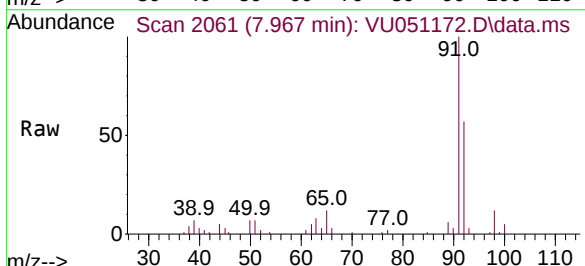
Acq: 06 Oct 2022 15:22

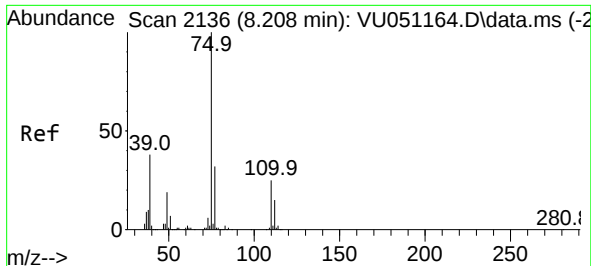
Tgt Ion: 91 Resp: 22284

Ion Ratio Lower Upper

91 100

92 56.6 40.1 74.5

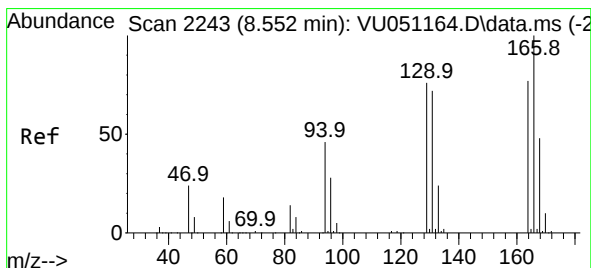
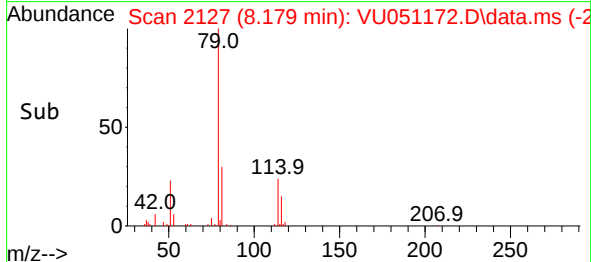
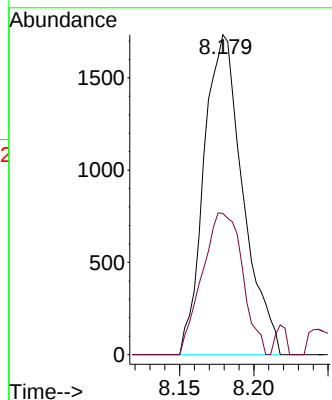
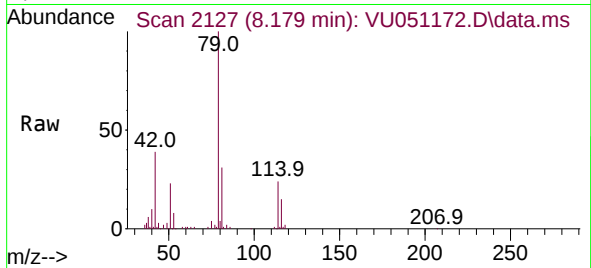




#44
trans-1,3-Dichloropropene
Concen: 0.690 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051172.D
Acq: 06 Oct 2022 15:22

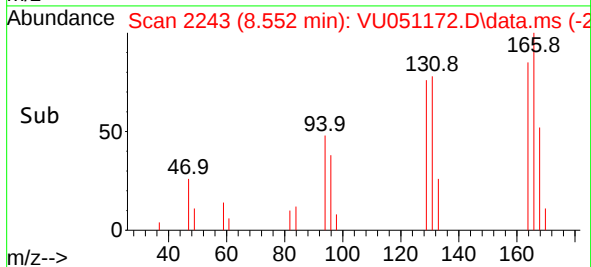
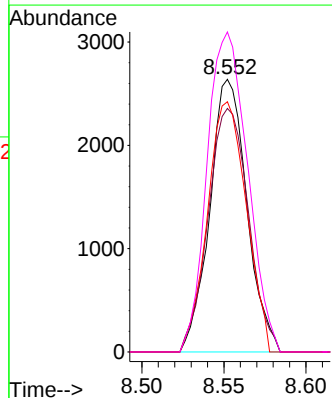
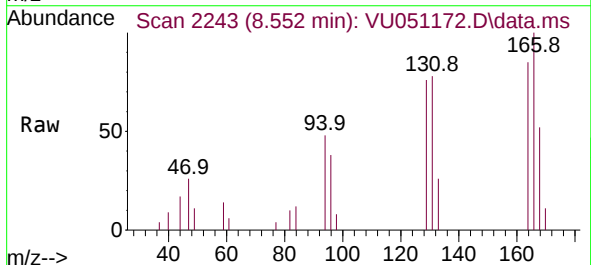
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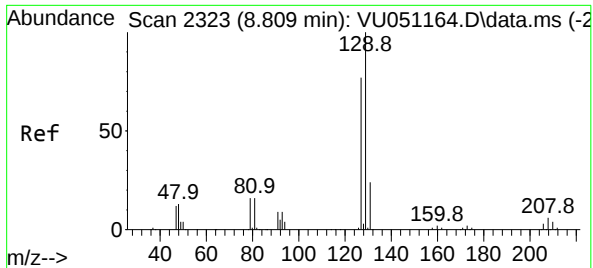
Tgt Ion: 75 Resp: 3161
Ion Ratio Lower Upper
75 100
77 44.2 22.7 42.3#



#46
Tetrachloroethene
Concen: 1.776 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051172.D
Acq: 06 Oct 2022 15:22

Tgt Ion: 164 Resp: 4142
Ion Ratio Lower Upper
164 100
129 89.3 68.1 126.5
131 91.8 67.8 126.0
166 117.3 90.5 168.1





#49
 Dibromochloromethane
 Concen: 1.100 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU051172.D
 Acq: 06 Oct 2022 15:22

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J52

Tgt Ion:129 Resp: 4010
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.8 98.0#

