

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051204.D
 Acq On : 07 Oct 2022 04:24
 Operator : JC/MD
 Sample : N4853-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW827

Quant Time: Oct 07 06:32:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

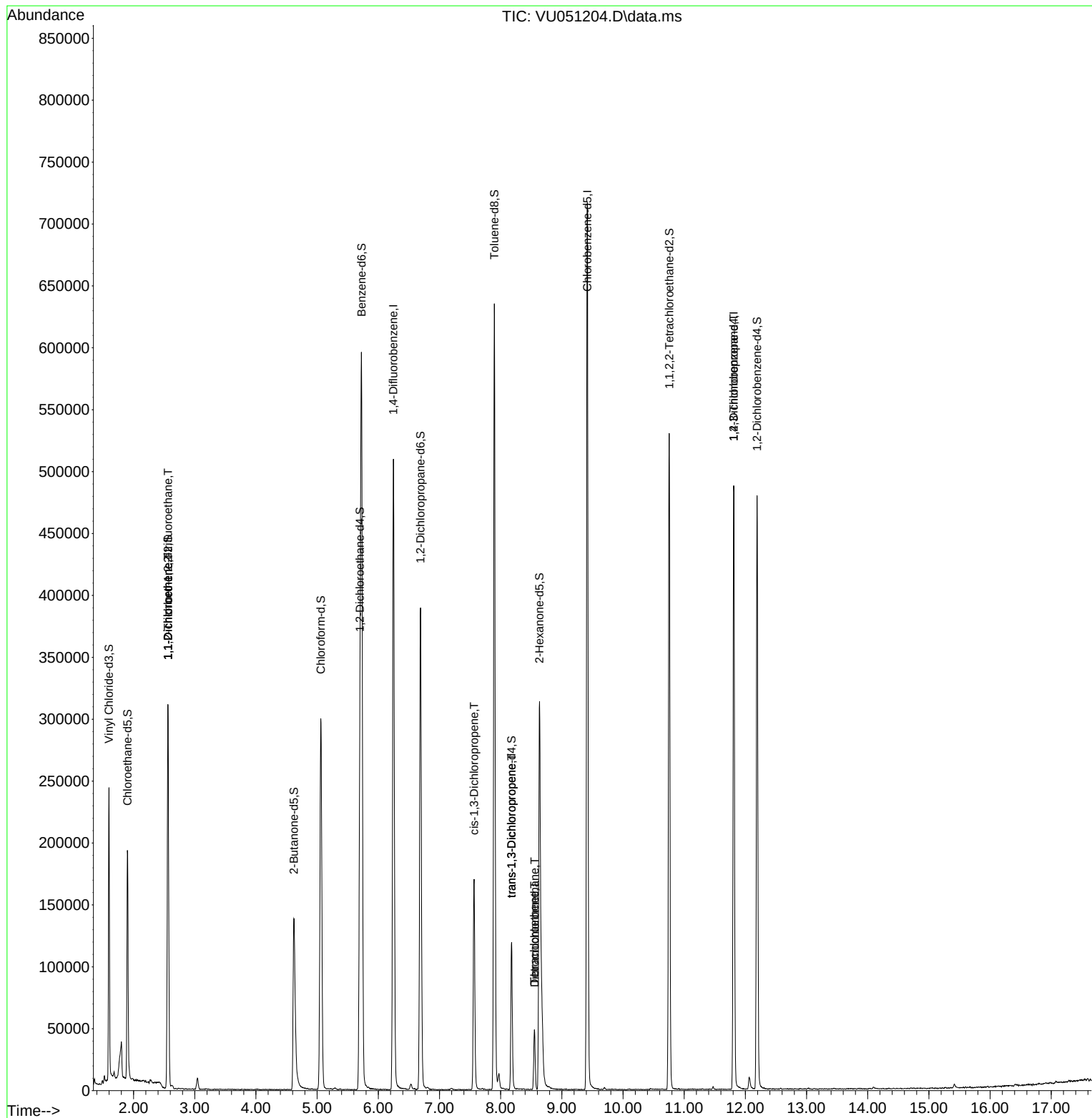
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	404714	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	400641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	129182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	157915	38.501	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.000%	
7) Chloroethane-d5	1.900	69	142398	37.374	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	74.740%	
11) 1,1-Dichloroethene-d2	2.562	63	185299	30.584	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.160%	
21) 2-Butanone-d5	4.620	46	194978	73.294	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	73.290%	
24) Chloroform-d	5.060	84	282915	42.813	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.620%	
26) 1,2-Dichloroethane-d4	5.700	65	181436	44.359	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.720%	
32) Benzene-d6	5.726	84	553853	47.208	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.420%	
36) 1,2-Dichloropropane-d6	6.690	67	189982	49.903	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.800%	
41) Toluene-d8	7.896	98	421455	38.881	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	77.760%#	
43) trans-1,3-Dichloroprop...	8.179	79	66990	36.892	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.780%	
47) 2-Hexanone-d5	8.632	63	80959	52.666	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	52.670%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	269402	40.490	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	80.980%	
66) 1,2-Dichlorobenzene-d4	12.192	152	125636	45.525	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.060%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1676	0.542	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1495	0.518	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	4198	0.901	ug/L #	64
44) trans-1,3-Dichloropropene	8.179	75	3266	0.693	ug/L	100
46) Tetrachloroethene	8.552	164	10654	4.444	ug/L	94
49) Dibromochloromethane	8.555	129	10747	2.869	ug/L #	12
60) 1,2,3-Trichloropropane	11.809	75	15965	4.696	ug/L #	68

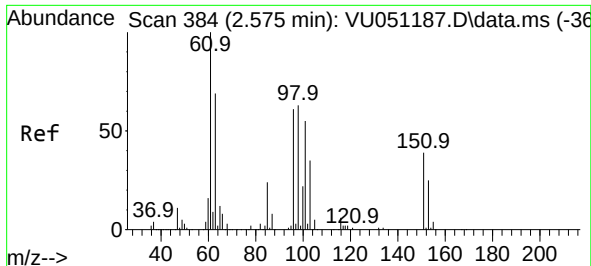
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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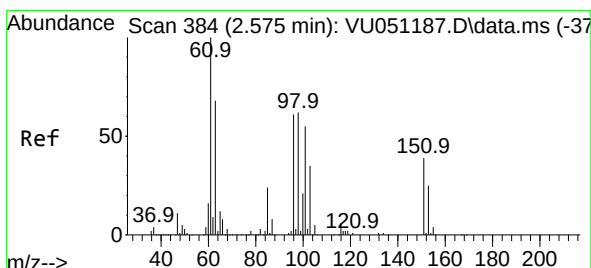
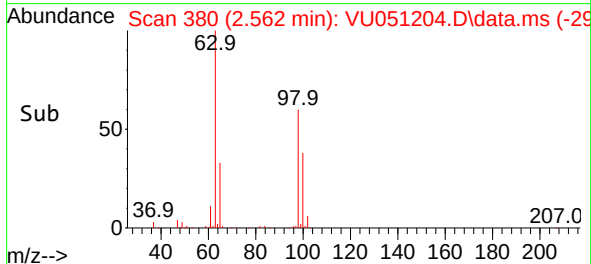
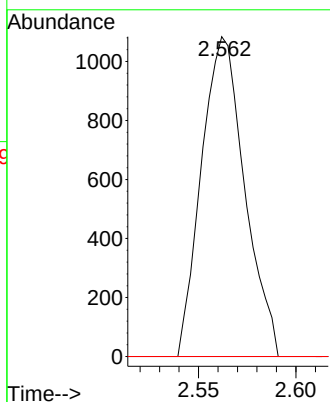
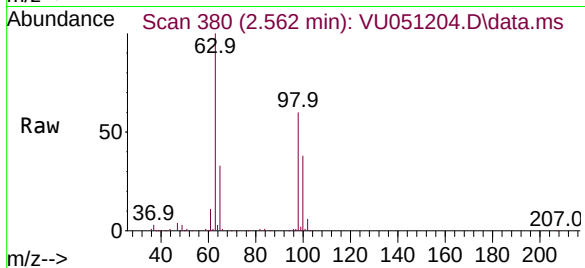




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.542 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU051204.D
 Acq: 07 Oct 2022 04:24

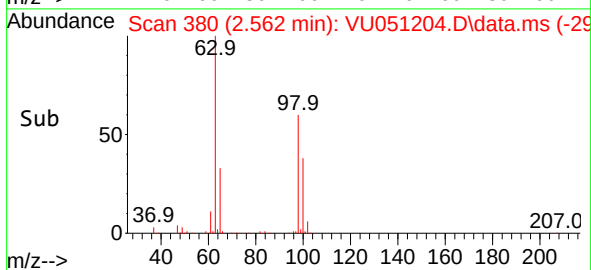
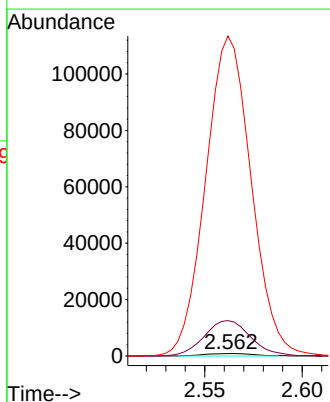
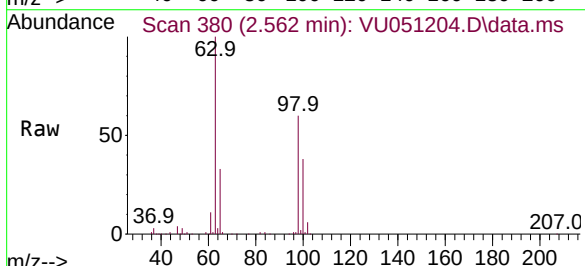
Instrument :
 MSVOA_U
 ClientSampleId :
 EW827

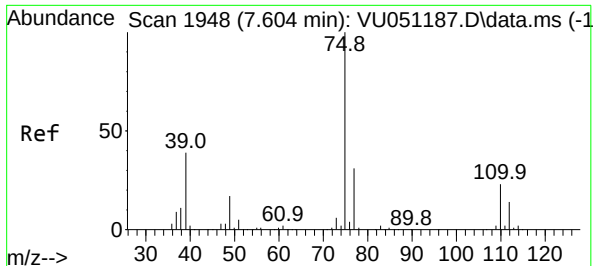
Tgt Ion:101 Resp: 1676
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.518 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.013 min
 Lab File: VU051204.D
 Acq: 07 Oct 2022 04:24

Tgt Ion: 96 Resp: 1495
 Ion Ratio Lower Upper
 96 100
 61 1478.4 113.0 209.9#
 63 13386.8 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 0.901 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU051204.D

Acq: 07 Oct 2022 04:24

Instrument :

MSVOA_U

ClientSampleId :

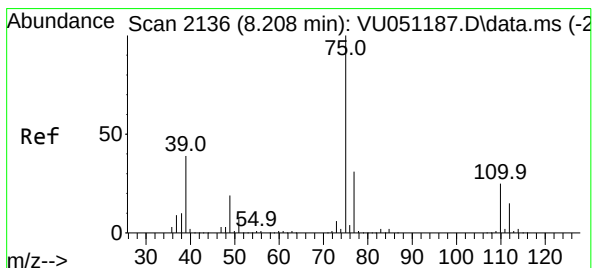
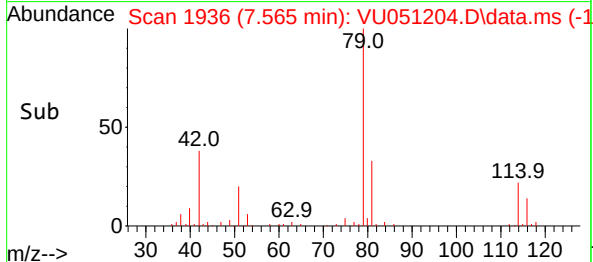
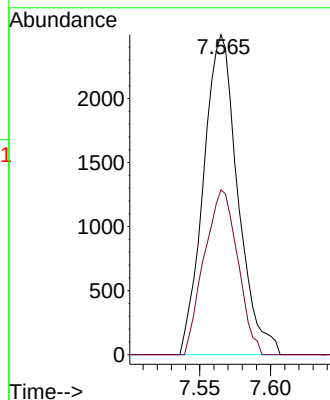
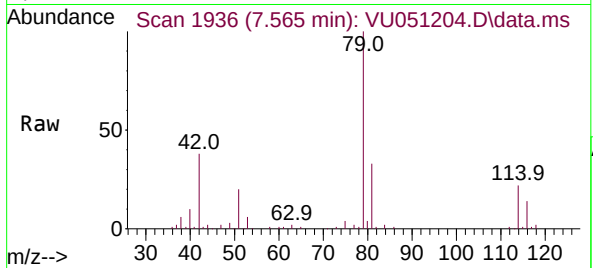
EW827

Tgt Ion: 75 Resp: 4198

Ion Ratio Lower Upper

75 100

77 51.5 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.693 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051204.D

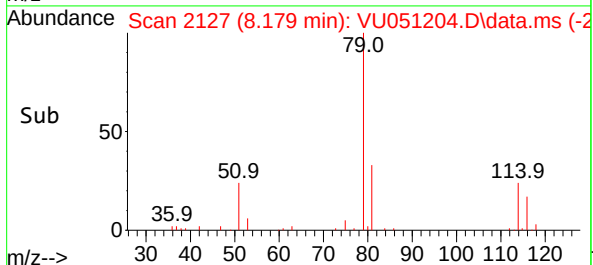
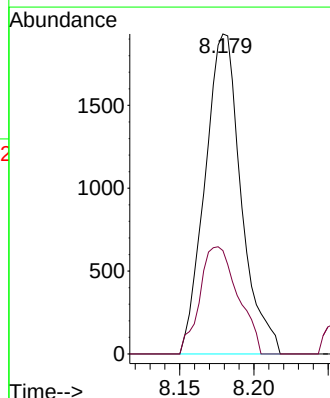
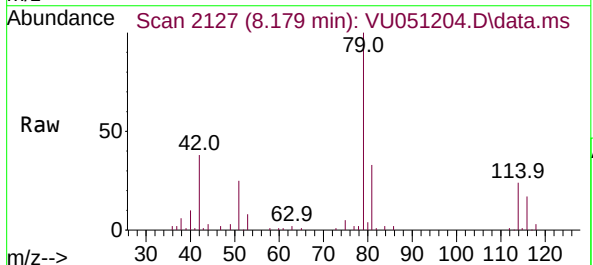
Acq: 07 Oct 2022 04:24

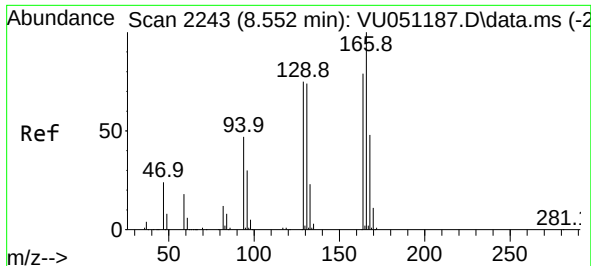
Tgt Ion: 75 Resp: 3266

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.3

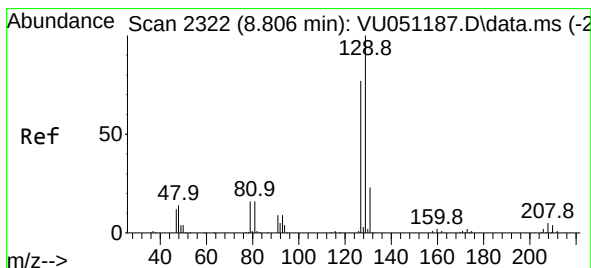
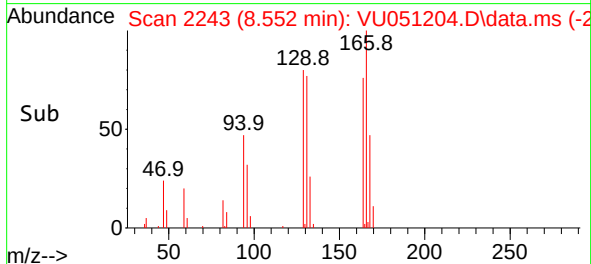
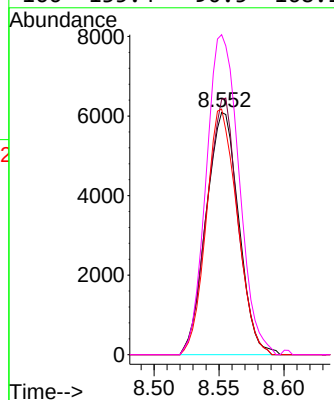
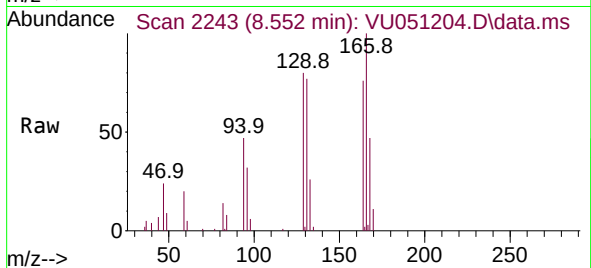




#46
Tetrachloroethene
Concen: 4.444 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051204.D
Acq: 07 Oct 2022 04:24

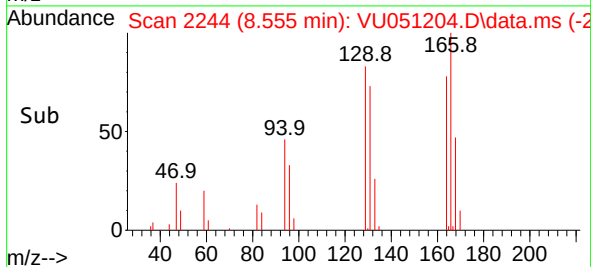
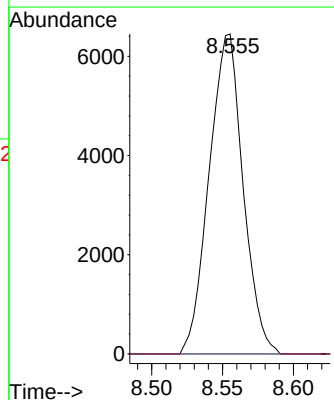
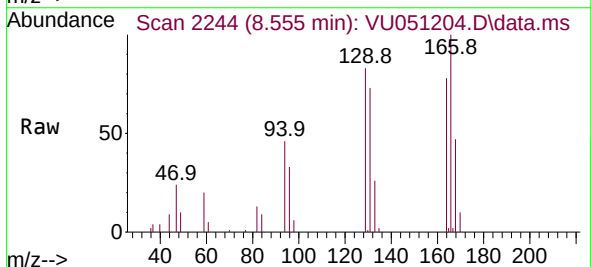
Instrument :
MSVOA_U
ClientSampleId :
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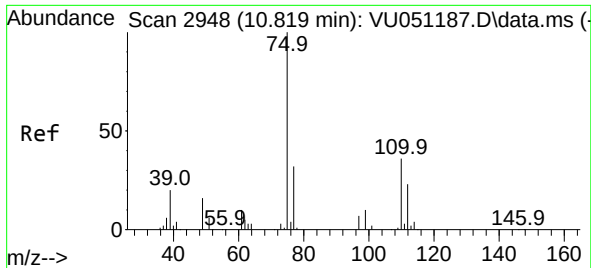
Tgt Ion:164	Resp:	10654
Ion Ratio	Lower	Upper
164	100	
129	105.3	68.1 126.5
131	101.3	67.8 126.0
166	135.4	90.5 168.1



#49
Dibromochloromethane
Concen: 2.869 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.251 min
Lab File: VU051204.D
Acq: 07 Oct 2022 04:24

Tgt Ion:129	Resp:	10747
Ion Ratio	Lower	Upper
129	100	
127	0.0	52.8 98.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.696 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051204.D
 Acq: 07 Oct 2022 04:24

Instrument :
 MSVOA_U
 ClientSampleId :
 EW827

Tgt Ion: 75 Resp: 15965
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.1 39.1
 110 2.0 30.0 45.0#

