

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051193.D
 Acq On : 07 Oct 2022 00:03
 Operator : JC/MD
 Sample : N4890-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E4

Quant Time: Oct 07 06:29:24 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)

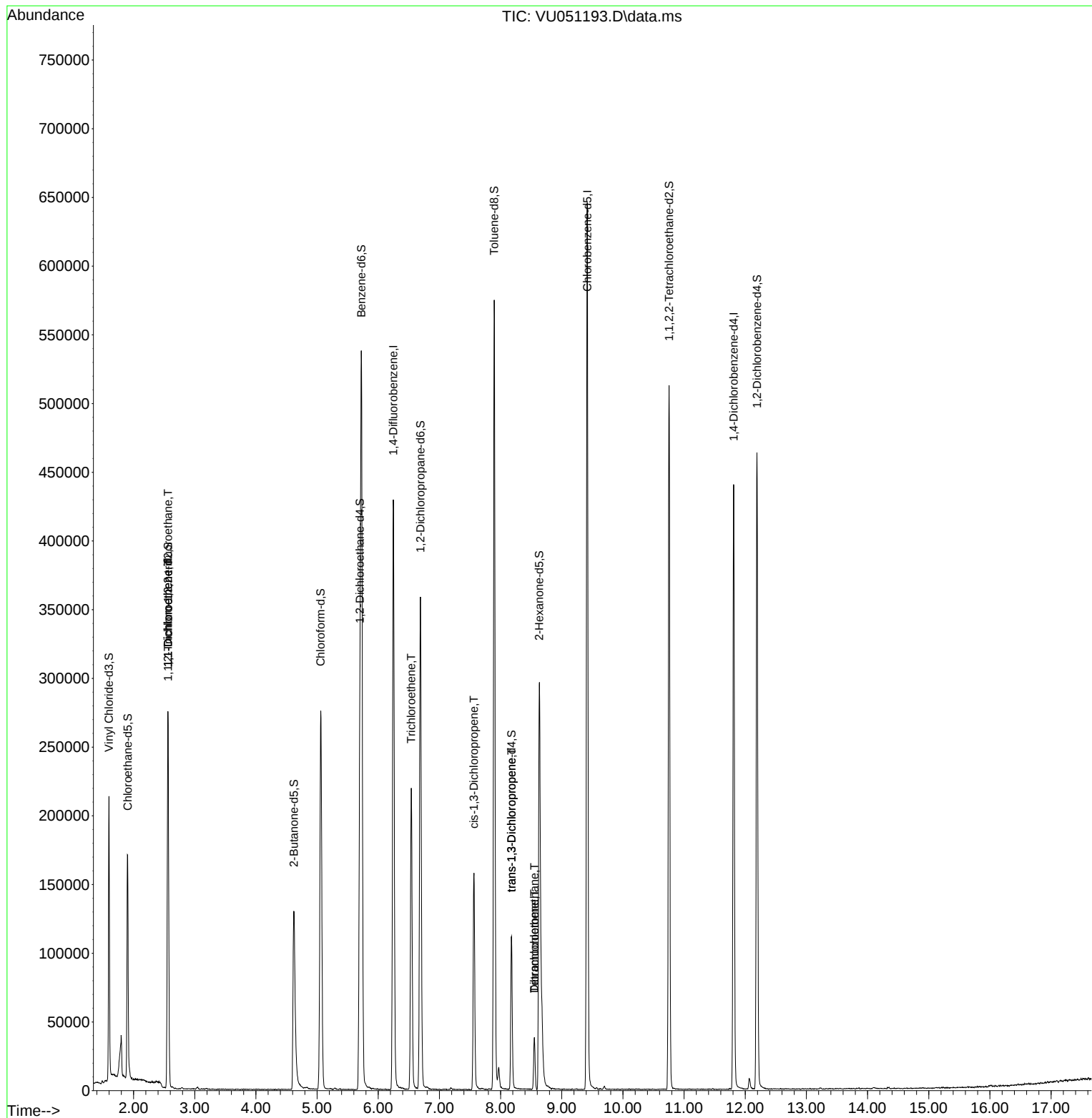
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	341029	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	366364	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119952	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	141116	40.830	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.660%		
7) Chloroethane-d5	1.903	69	125342	39.041	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.080%		
11) 1,1-Dichloroethene-d2	2.562	63	162494	31.829	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.660%		
21) 2-Butanone-d5	4.620	46	187159	83.493	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.490%		
24) Chloroform-d	5.060	84	258120	46.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.720%		
26) 1,2-Dichloroethane-d4	5.700	65	167488	48.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.200%		
32) Benzene-d6	5.726	84	497963	46.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.820%		
36) 1,2-Dichloropropane-d6	6.690	67	176052	50.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.140%		
41) Toluene-d8	7.896	98	387150	39.057	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.120%#		
43) trans-1,3-Dichloroprop...	8.179	79	63633	38.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.640%		
47) 2-Hexanone-d5	8.632	63	81209	57.771	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	57.770%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	259990	42.732	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.460%		
66) 1,2-Dichlorobenzene-d4	12.192	152	124373	48.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.080%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1503	0.577	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1423	0.585	ug/L #	1
34) Trichloroethene	6.539	95	76558	26.464	ug/L	97
39) cis-1,3-Dichloropropene	7.565	75	4059	0.953	ug/L	86
44) trans-1,3-Dichloropropene	8.179	75	2784	0.646	ug/L	96
46) Tetrachloroethene	8.552	164	8716	3.976	ug/L	87
49) Dibromochloromethane	8.552	129	8246	2.407	ug/L #	12

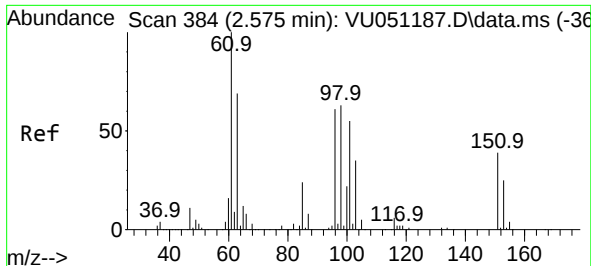
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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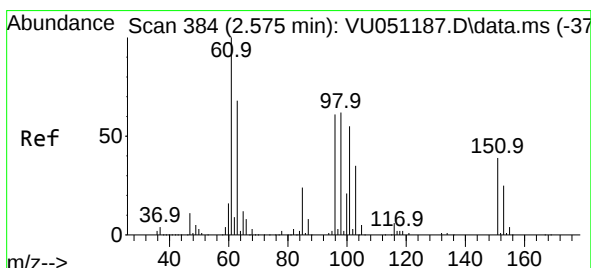
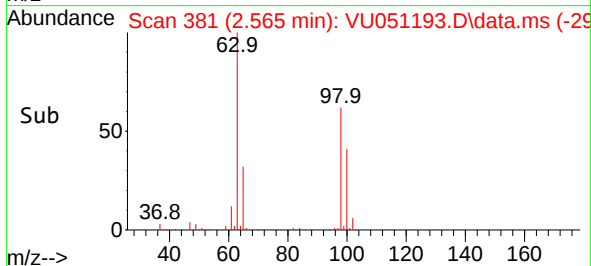
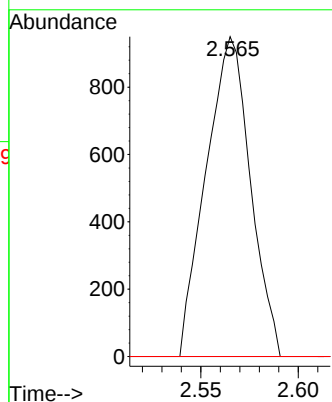
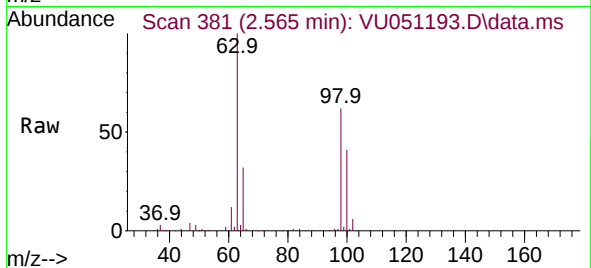




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.577 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051193.D
Acq: 07 Oct 2022 00:03

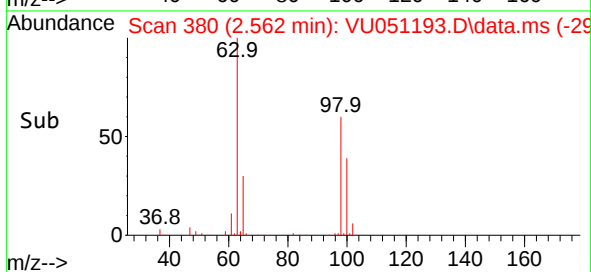
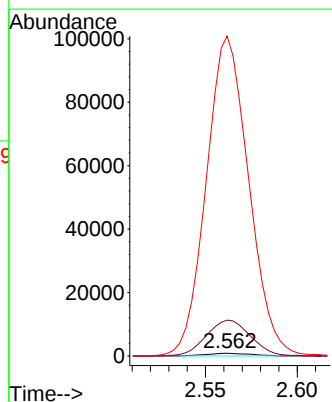
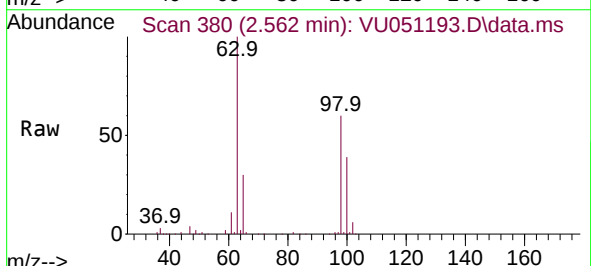
Instrument :
MSVOA_U
ClientSampleId :
EY0E4

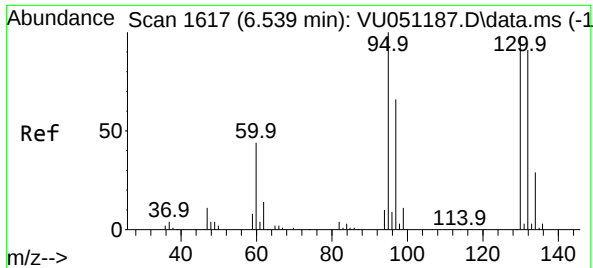
Tgt Ion:101 Resp: 1503
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.585 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051193.D
Acq: 07 Oct 2022 00:03

Tgt Ion: 96 Resp: 1423
Ion Ratio Lower Upper
96 100
61 1347.7 113.0 209.9#
63 12054.5 91.7 170.3#

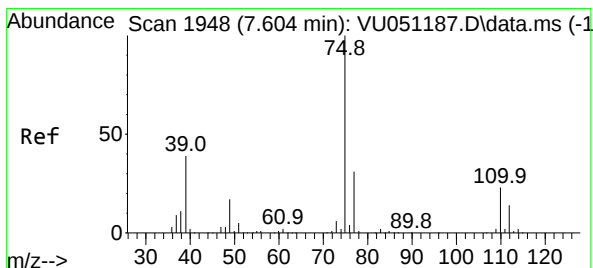
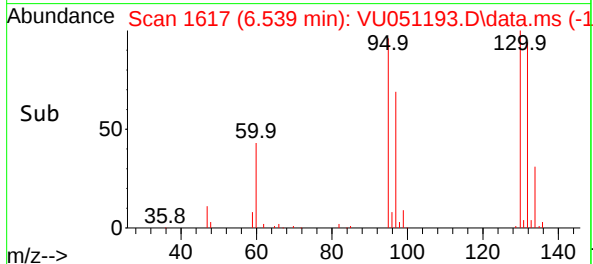
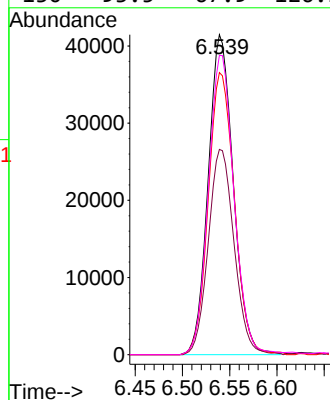
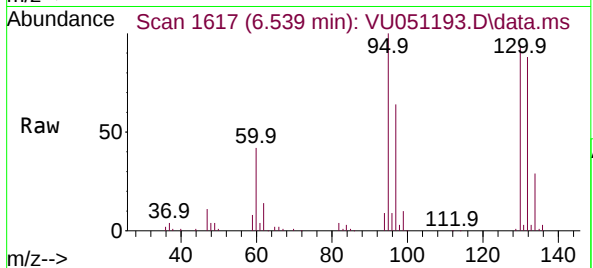




#34
Trichloroethene
Concen: 26.464 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051193.D
Acq: 07 Oct 2022 00:03

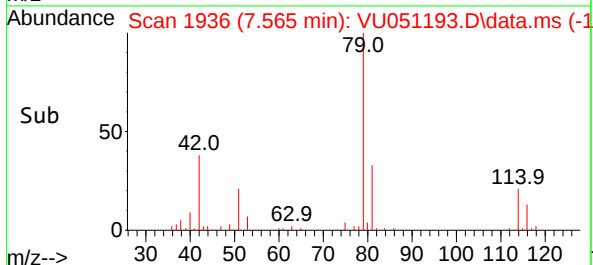
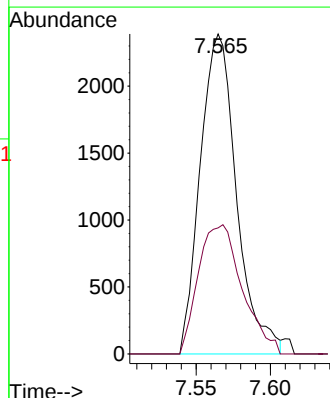
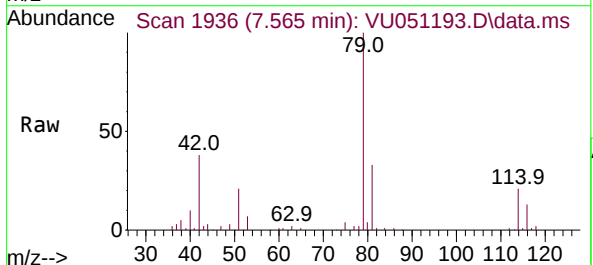
Instrument :
MSVOA_U
ClientSampleId :
EY0E4

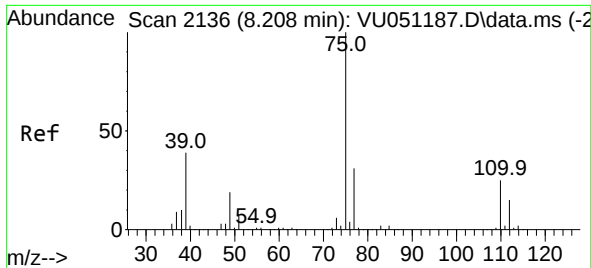
Tgt Ion: 95 Resp: 76558
Ion Ratio Lower Upper
95 100
97 64.2 45.9 85.3
132 88.2 64.0 119.0
130 93.5 67.9 126.1



#39
cis-1,3-Dichloropropene
Concen: 0.953 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.039 min
Lab File: VU051193.D
Acq: 07 Oct 2022 00:03

Tgt Ion: 75 Resp: 4059
Ion Ratio Lower Upper
75 100
77 39.4 22.0 41.0

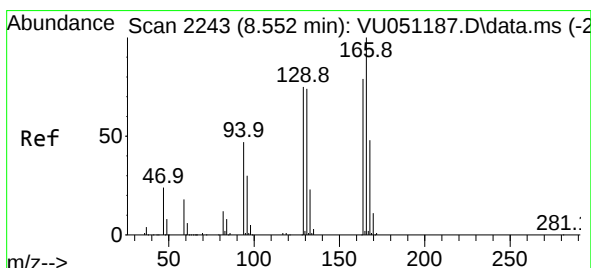
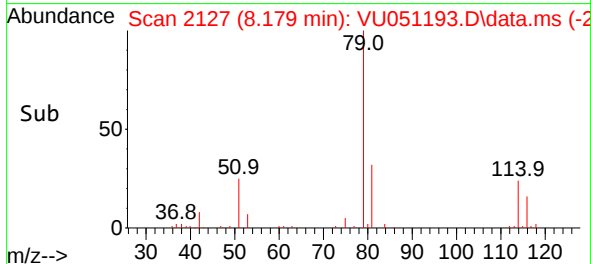
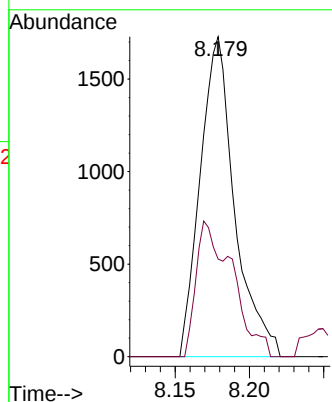
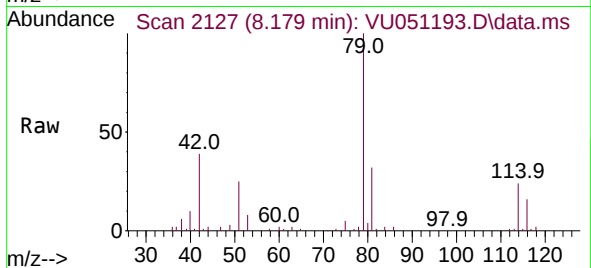




#44
trans-1,3-Dichloropropene
Concen: 0.646 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051193.D
Acq: 07 Oct 2022 00:03

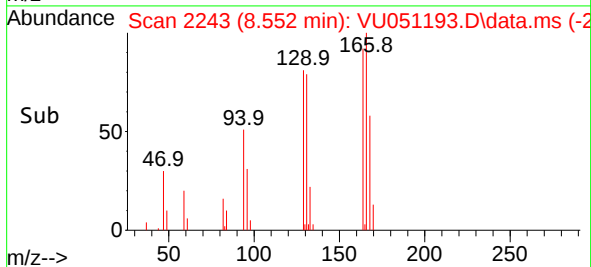
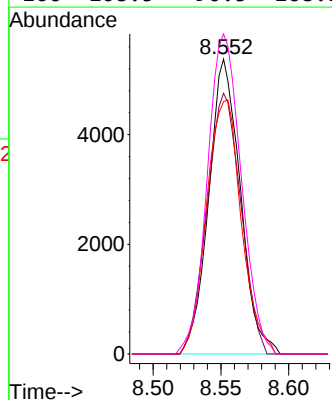
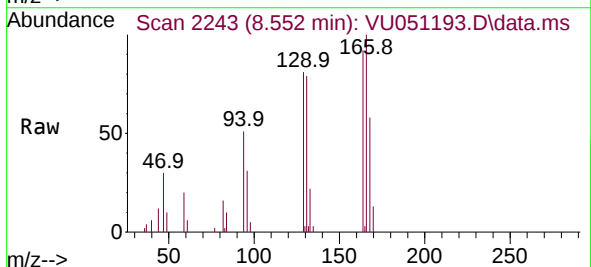
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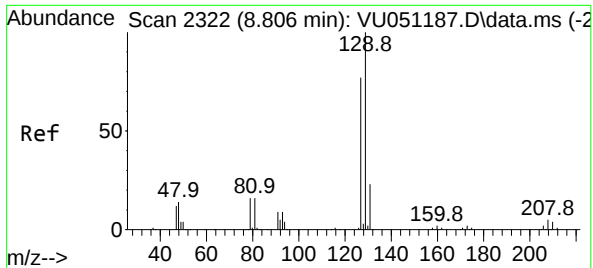
Tgt Ion: 75 Resp: 2784
Ion Ratio Lower Upper
75 100
77 30.5 22.7 42.3



#46
Tetrachloroethene
Concen: 3.976 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051193.D
Acq: 07 Oct 2022 00:03

Tgt Ion: 164 Resp: 8716
Ion Ratio Lower Upper
164 100
129 88.4 68.1 126.5
131 85.6 67.8 126.0
166 108.5 90.5 168.1





#49

Dibromochloromethane

Concen: 2.407 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051193.D

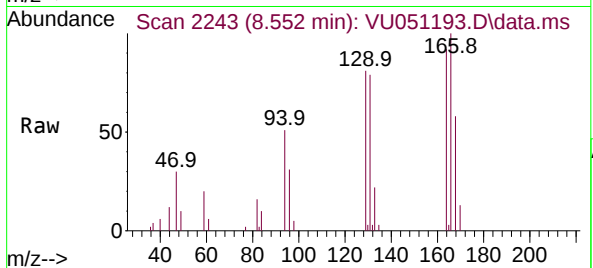
Acq: 07 Oct 2022 00:03

Instrument :

MSVOA_U

ClientSampleId :

EY0E4



Tgt Ion:129 Resp: 8246

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.0#

