

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051138.D
 Acq On : 05 Oct 2022 19:33
 Operator : JC/MD
 Sample : N4973-01ME
 Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGSK2

Quant Time: Oct 06 03:06:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

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

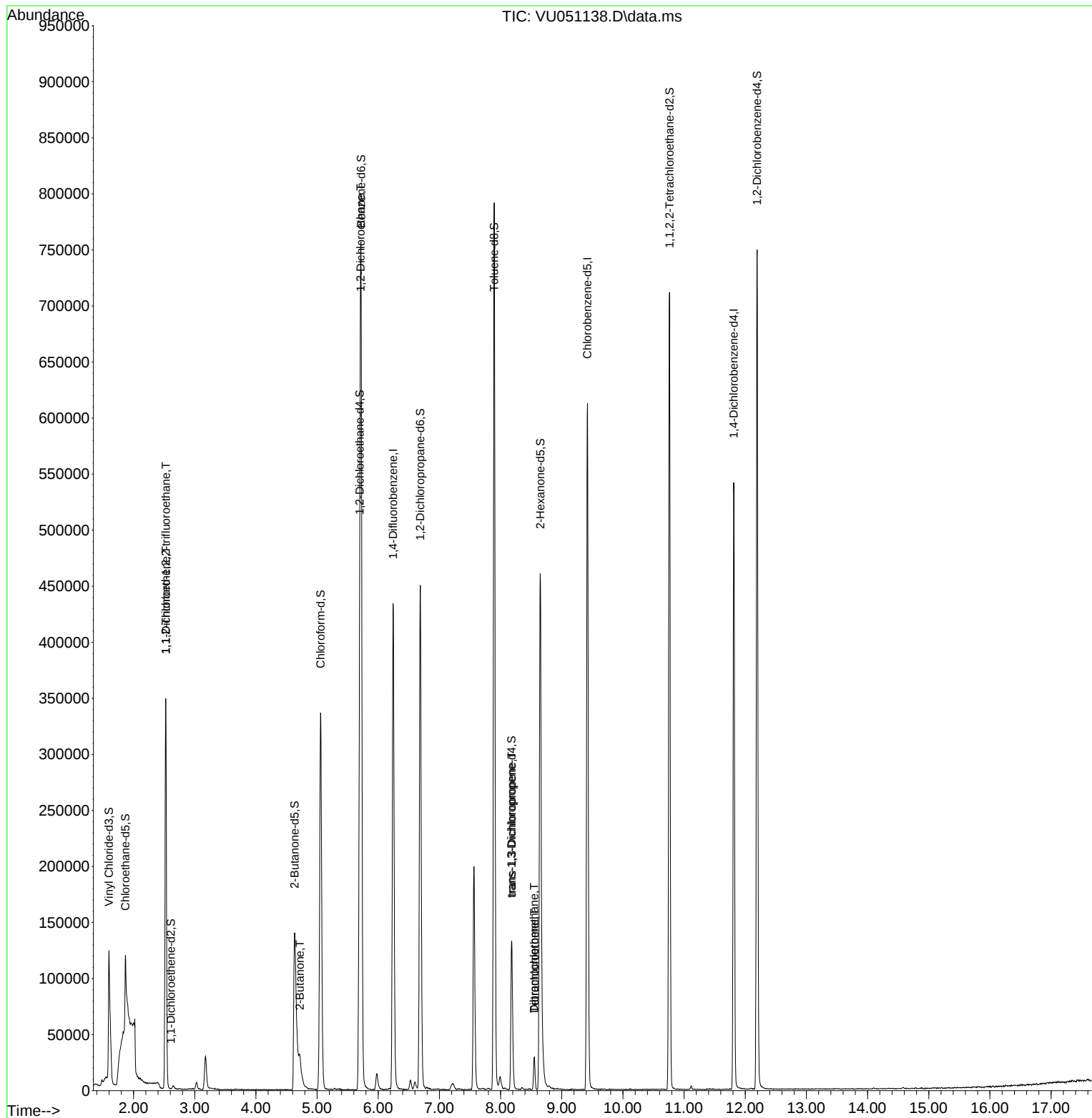
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	364573	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	374077	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	143664	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	143362	38.801	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.600%		
7) Chloroethane-d5	1.867	69	69730	20.317	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	40.640%#		
11) 1,1-Dichloroethene-d2	2.610	63	42	0.008	ug/L	0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	0.020%#		
21) 2-Butanone-d5	4.632	46	264283	110.285	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.280%		
24) Chloroform-d	5.057	84	329582	55.367	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.740%		
26) 1,2-Dichloroethane-d4	5.697	65	219549	59.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	119.180%		
32) Benzene-d6	5.719	84	671587	61.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	122.620%		
36) 1,2-Dichloropropane-d6	6.687	67	231247	65.056	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	130.120%#		
41) Toluene-d8	7.896	98	553125	54.651	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.300%		
43) trans-1,3-Dichloroprop...	8.179	79	86399	50.960	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.920%		
47) 2-Hexanone-d5	8.648	63	160294	111.680	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.680%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	371319	59.771	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	119.540%		
66) 1,2-Dichlorobenzene-d4	12.195	152	196520	64.033	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	128.060%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	1608	0.578	ug/L #	20
12) 1,1-Dichloroethene	2.526	96	1803	0.694	ug/L #	1
22) 2-Butanone	4.716	43	33685	12.741	ug/L	97
27) 1,2-Dichloroethane	5.713	62	3877	0.886	ug/L	99
44) trans-1,3-Dichloropropene	8.182	75	3440	0.782	ug/L	86
46) Tetrachloroethene	8.552	164	6611	2.953	ug/L	95
49) Dibromochloromethane	8.549	129	6589	1.884	ug/L #	12

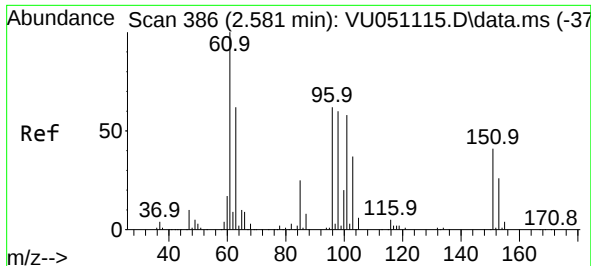
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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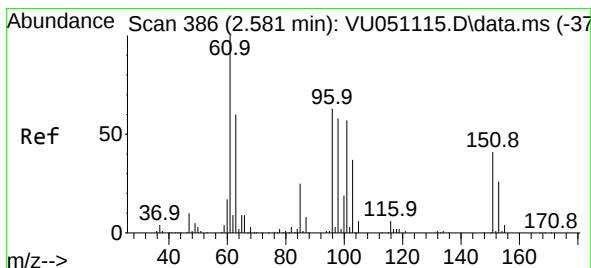
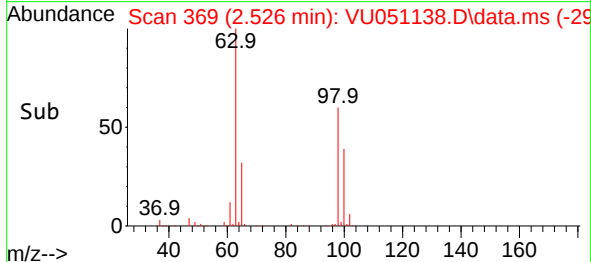
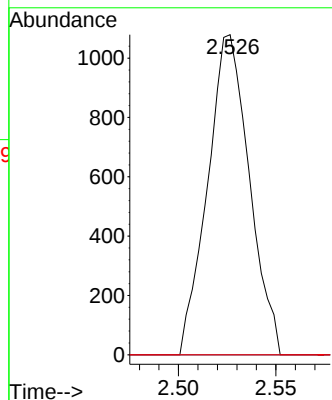
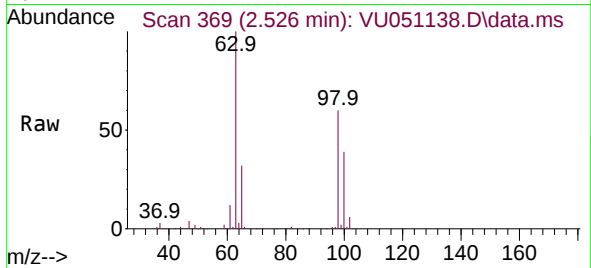




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.578 ug/L
RT: 2.526 min Scan# 369
Delta R.T. -0.055 min
Lab File: VU051138.D
Acq: 05 Oct 2022 19:33

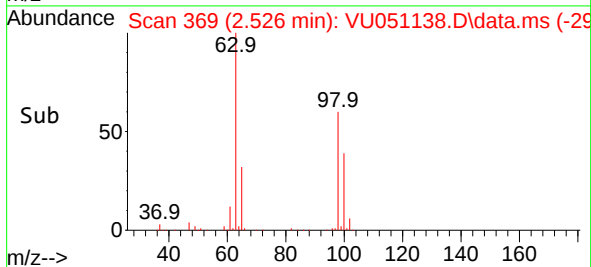
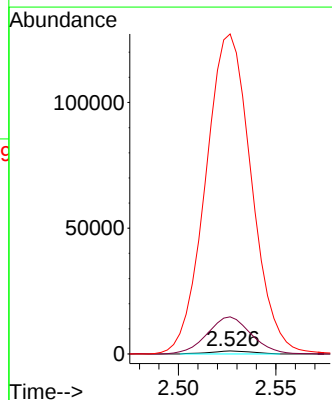
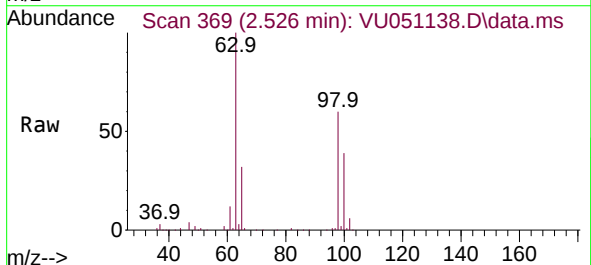
Instrument :
MSVOA_U
ClientSampleId :
BGSK2

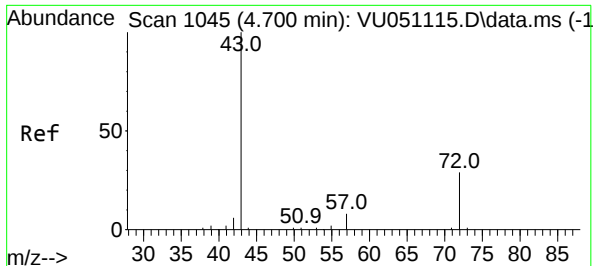
Tgt Ion:101 Resp: 1608
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.694 ug/L
RT: 2.526 min Scan# 369
Delta R.T. -0.055 min
Lab File: VU051138.D
Acq: 05 Oct 2022 19:33

Tgt Ion: 96 Resp: 1803
Ion Ratio Lower Upper
96 100
61 1240.4 113.0 209.9#
63 10684.8 91.7 170.3#





#22

2-Butanone

Concen: 12.741 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU051138.D

Acq: 05 Oct 2022 19:33

Instrument :

MSVOA_U

ClientSampleId :

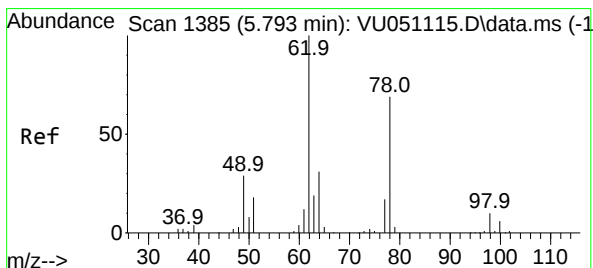
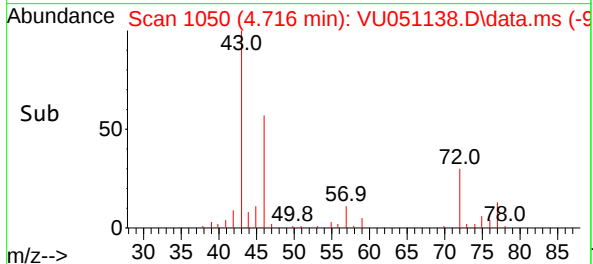
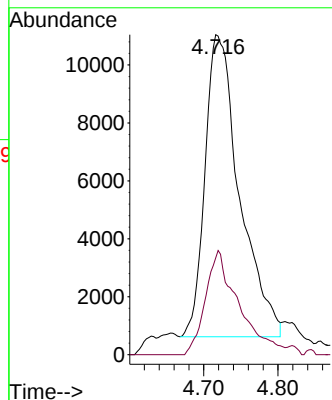
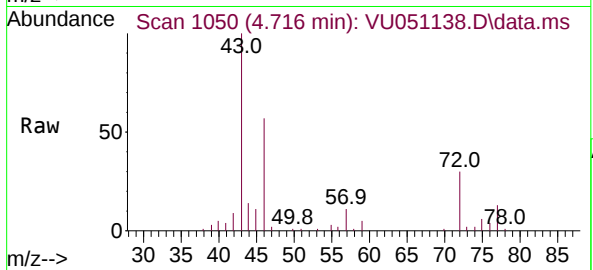
BGSK2

Tgt Ion: 43 Resp: 33685

Ion Ratio Lower Upper

43 100

72 33.3 15.8 47.4



#27

1,2-Dichloroethane

Concen: 0.886 ug/L

RT: 5.713 min Scan# 1360

Delta R.T. -0.080 min

Lab File: VU051138.D

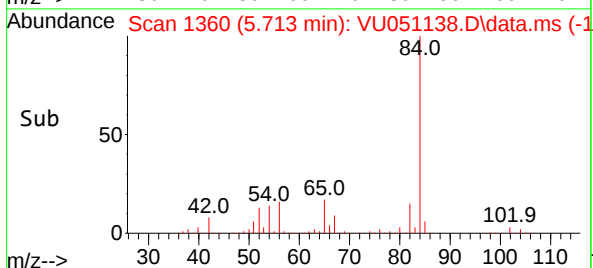
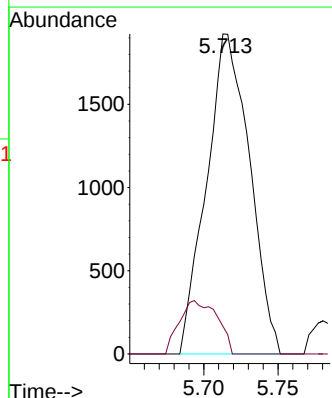
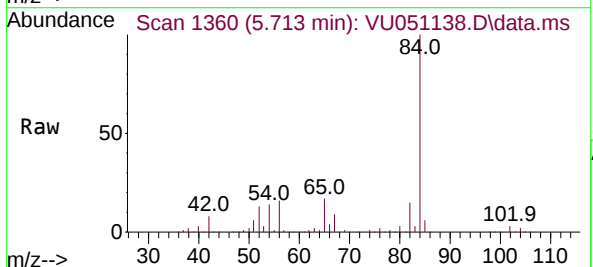
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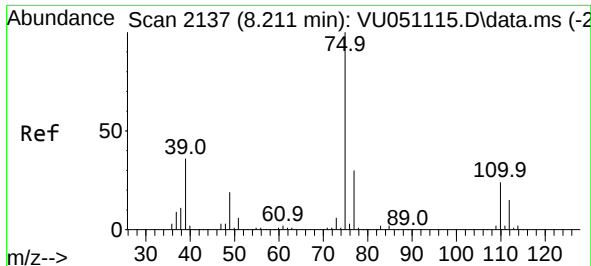
Tgt Ion: 62 Resp: 3877

Ion Ratio Lower Upper

62 100

98 8.6 7.3 10.9

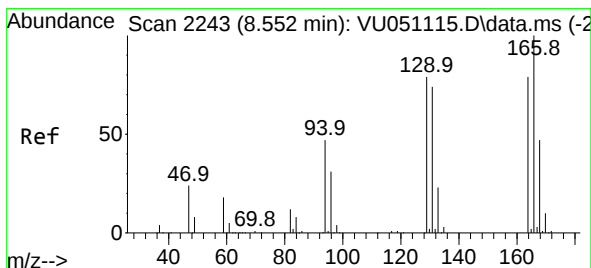
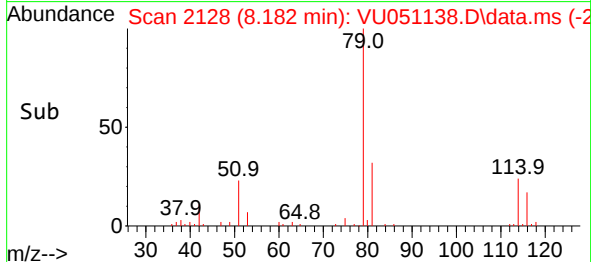
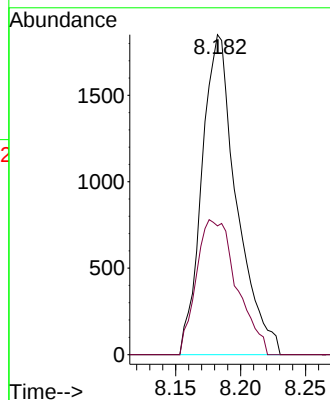
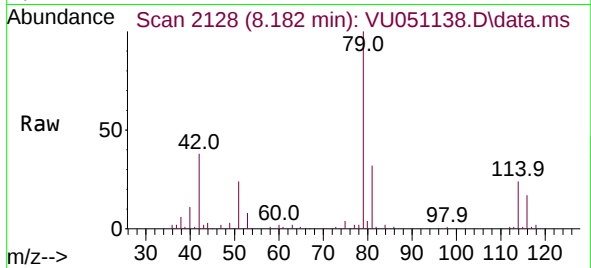




#44
trans-1,3-Dichloropropene
Concen: 0.782 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU051138.D
Acq: 05 Oct 2022 19:33

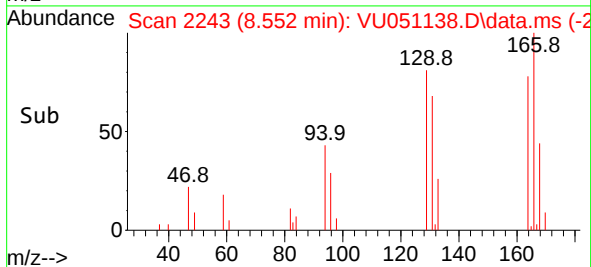
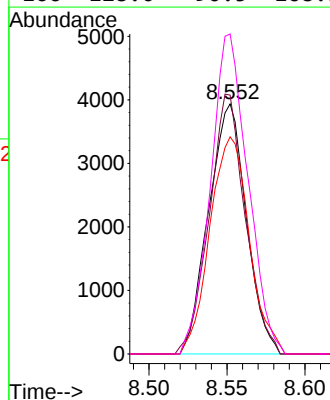
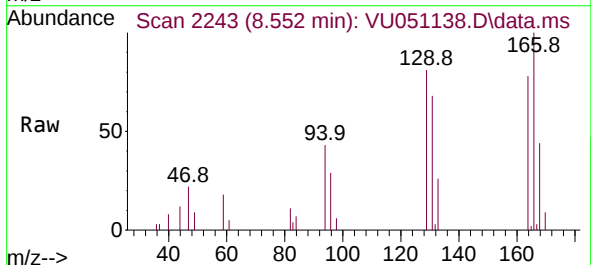
Instrument :
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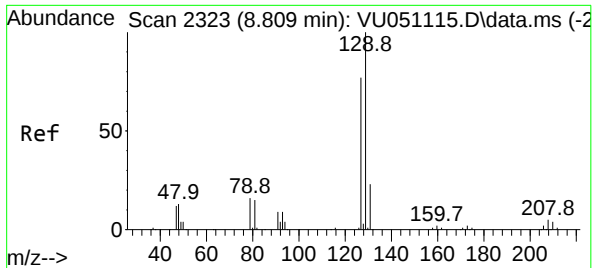
Tgt Ion: 75 Resp: 3440
Ion Ratio Lower Upper
75 100
77 40.2 22.7 42.3



#46
Tetrachloroethene
Concen: 2.953 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051138.D
Acq: 05 Oct 2022 19:33

Tgt Ion: 164 Resp: 6611
Ion Ratio Lower Upper
164 100
129 103.5 68.1 126.5
131 86.8 67.8 126.0
166 128.0 90.5 168.1





#49
 Dibromochloromethane
 Concen: 1.884 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. -0.261 min
 Lab File: VU051138.D
 Acq: 05 Oct 2022 19:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BGSK2

Tgt Ion:129 Resp: 6589
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.8 98.0#

