

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051075.D
 Acq On : 01 Oct 2022 07:42
 Operator : JC/MD
 Sample : N4880-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:04:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

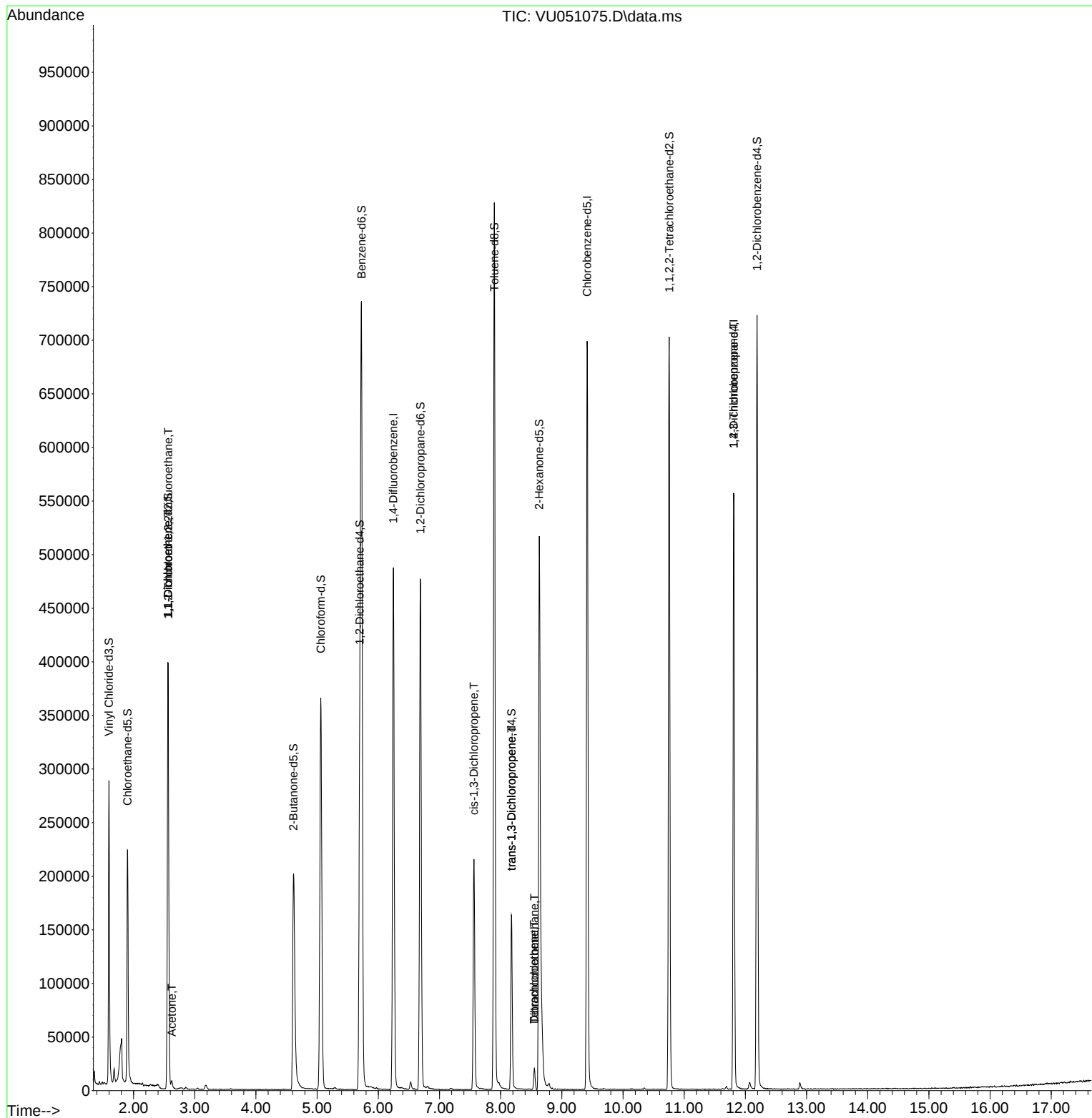
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	385936	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	389156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	141399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	203287	51.975	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.940%			
7) Chloroethane-d5	1.900	69	170925	47.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.080%			
11) 1,1-Dichloroethene-d2	2.562	63	237529	41.112	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.220%			
21) 2-Butanone-d5	4.613	46	285252	112.446	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.450%			
24) Chloroform-d	5.060	84	339709	53.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.820%			
26) 1,2-Dichloroethane-d4	5.697	65	224236	57.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.980%			
32) Benzene-d6	5.726	84	676693	59.380	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.760%			
36) 1,2-Dichloropropane-d6	6.687	67	230633	62.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 124.740%#			
41) Toluene-d8	7.896	98	547497	51.999	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.000%			
43) trans-1,3-Dichloroprop...	8.176	79	89590	50.794	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.580%			
47) 2-Hexanone-d5	8.629	63	146384	98.037	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.040%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	356807	55.210	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.420%			
66) 1,2-Dichlorobenzene-d4	12.192	152	183180	60.642	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.280%#			
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2373	0.805	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1677	0.609	ug/L #	1
13) Acetone	2.623	43	8055	3.976	ug/L	94
39) cis-1,3-Dichloropropene	7.562	75	5207	1.151	ug/L #	54
44) trans-1,3-Dichloropropene	8.176	75	4008	0.876	ug/L	89
46) Tetrachloroethene	8.549	164	4584	1.968	ug/L	90
49) Dibromochloromethane	8.552	129	4263	1.172	ug/L #	12
60) 1,2,3-Trichloropropane	11.809	75	18785	5.048	ug/L #	69

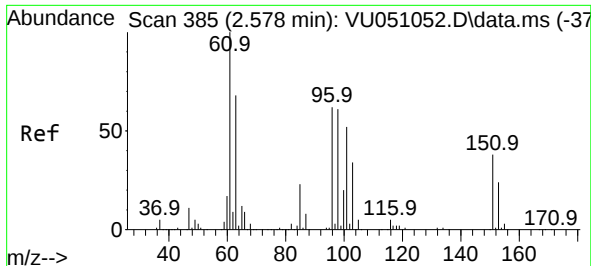
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 01 03:04:59 2022
Response via : Initial Calibration





#10

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

Concen: 0.805 ug/L

RT: 2.565 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU051075.D

Acq: 01 Oct 2022 07:42

Instrument :

MSVOA_U

ClientSampleId :

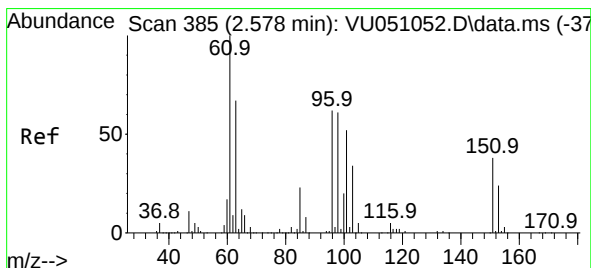
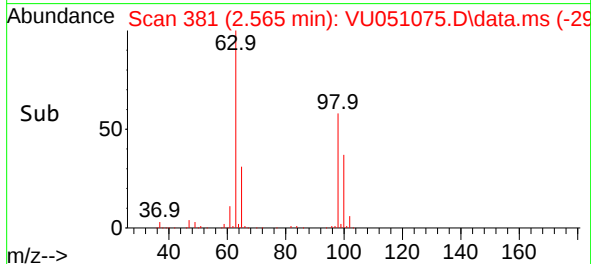
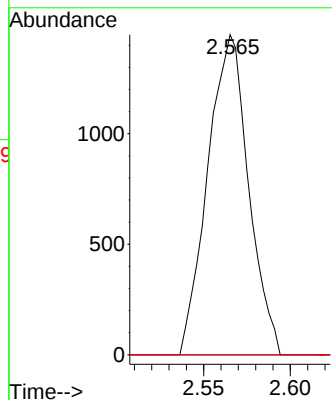
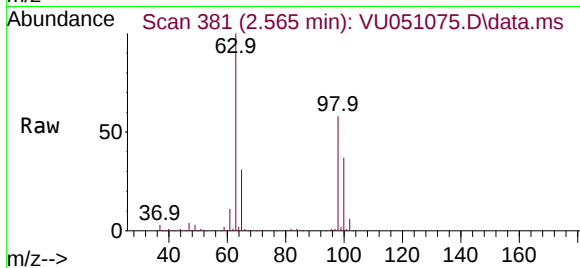
Tgt Ion:101 Resp: 2373

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: 0.609 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU051075.D

Acq: 01 Oct 2022 07:42

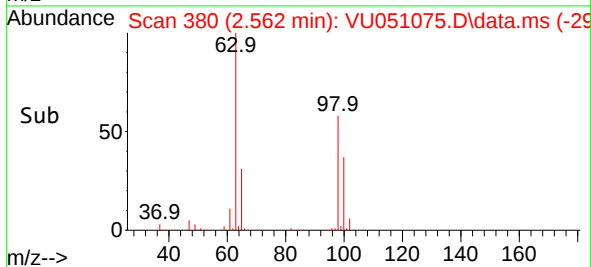
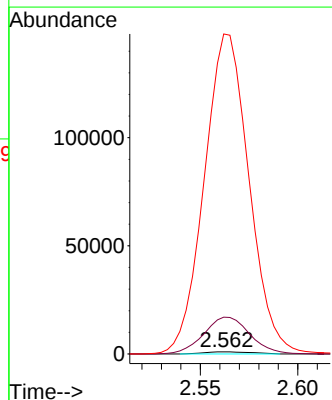
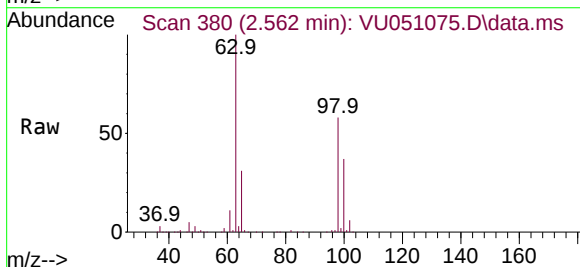
Tgt Ion: 96 Resp: 1677

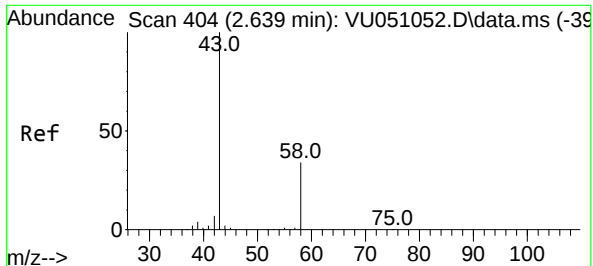
Ion Ratio Lower Upper

96 100

61 1748.0 113.0 209.9#

63 15207.4 91.7 170.3#





#13

Acetone

Concen: 3.976 ug/L

RT: 2.623 min Scan# 39

Delta R.T. -0.016 min

Lab File: VU051075.D

Acq: 01 Oct 2022 07:42

Instrument :

MSVOA_U

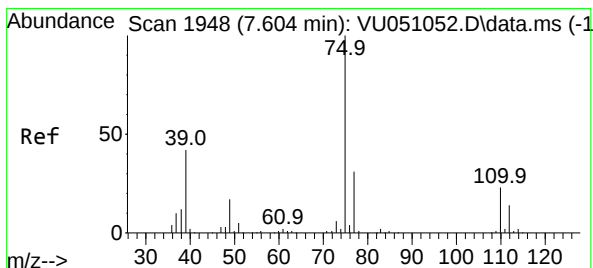
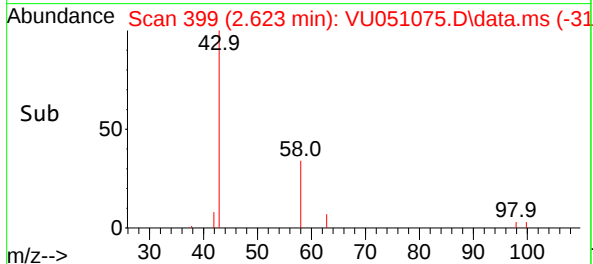
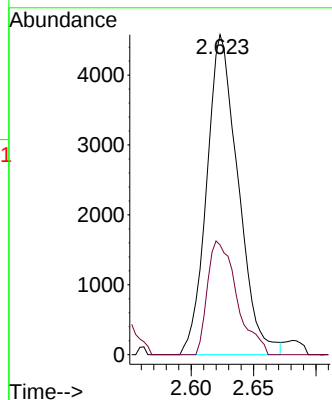
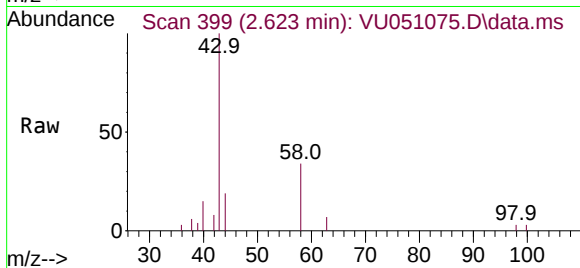
ClientSampleId :

Tgt Ion: 43 Resp: 8055

Ion Ratio Lower Upper

43 100

58 33.0 0.0 73.6



#39

cis-1,3-Dichloropropene

Concen: 1.151 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.042 min

Lab File: VU051075.D

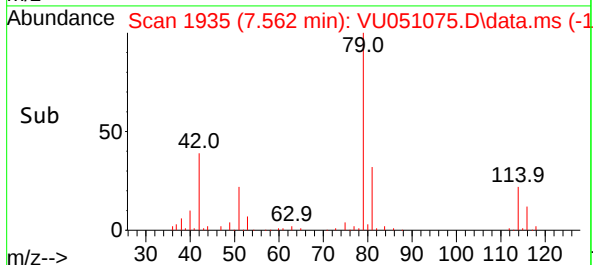
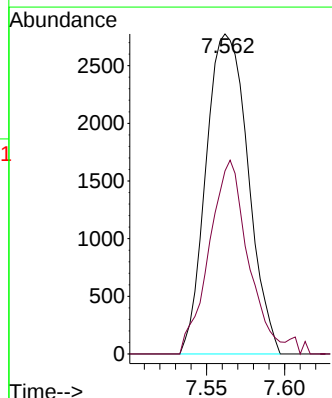
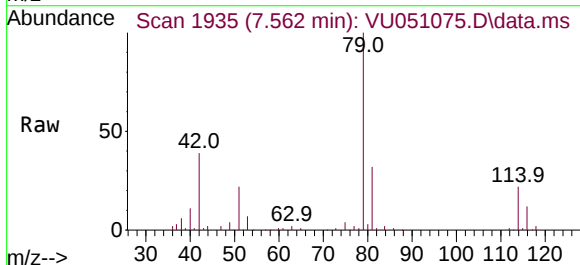
Acq: 01 Oct 2022 07:42

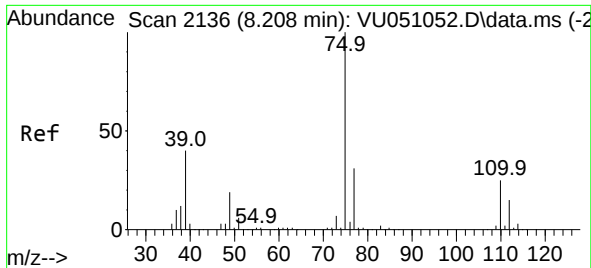
Tgt Ion: 75 Resp: 5207

Ion Ratio Lower Upper

75 100

77 57.2 22.0 41.0#

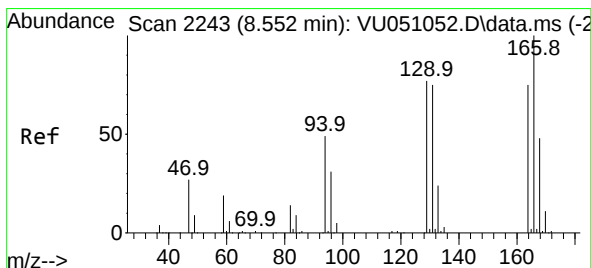
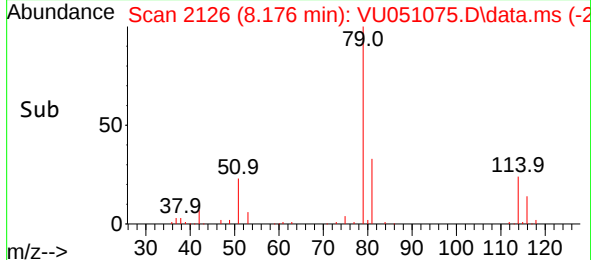
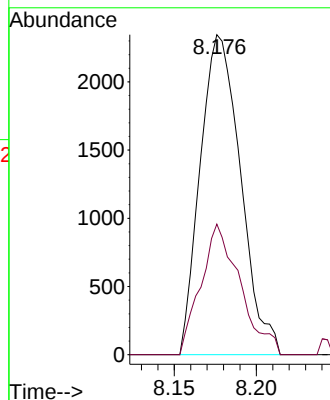
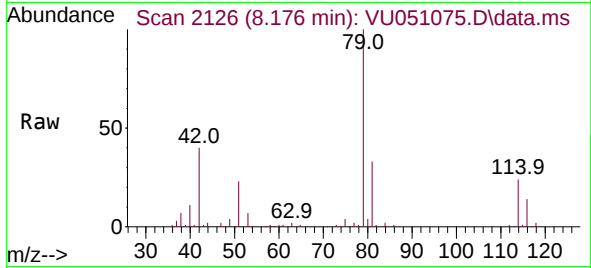




#44
trans-1,3-Dichloropropene
Concen: 0.876 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051075.D
Acq: 01 Oct 2022 07:42

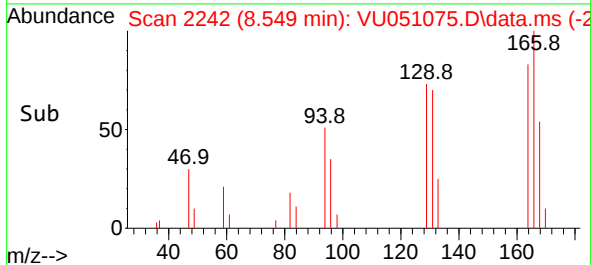
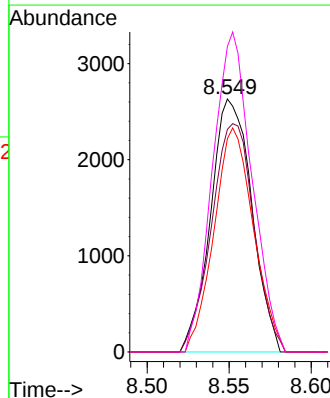
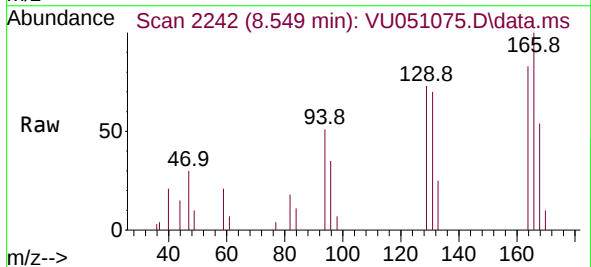
Instrument :
MSVOA_U
ClientSampleId :

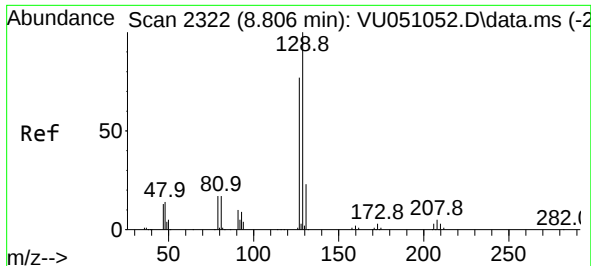
Tgt Ion: 75 Resp: 4008
Ion Ratio Lower Upper
75 100
77 38.8 22.7 42.3



#46
Tetrachloroethene
Concen: 1.968 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051075.D
Acq: 01 Oct 2022 07:42

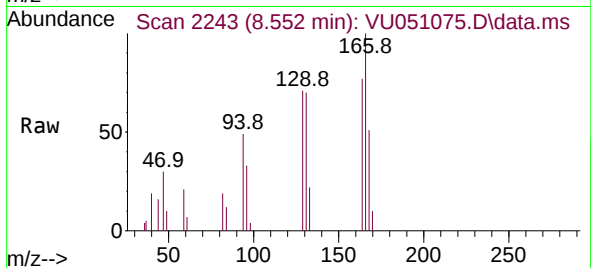
Tgt Ion: 164 Resp: 4584
Ion Ratio Lower Upper
164 100
129 88.0 68.1 126.5
131 84.3 67.8 126.0
166 120.8 90.5 168.1



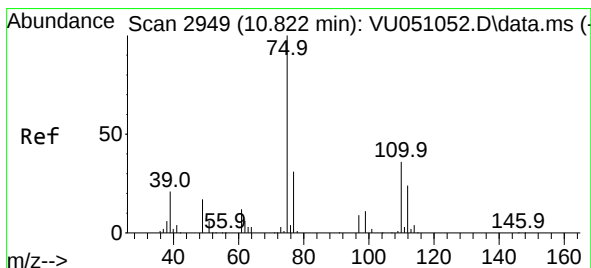
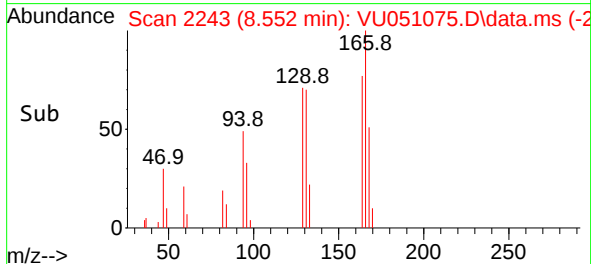
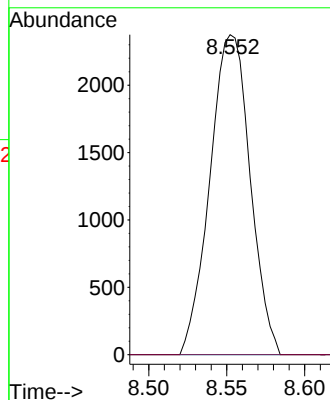


#49
Dibromochloromethane
Concen: 1.172 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU051075.D
Acq: 01 Oct 2022 07:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 4263
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.0#



#60
1,2,3-Trichloropropane
Concen: 5.048 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051075.D
Acq: 01 Oct 2022 07:42

Tgt Ion: 75 Resp: 18785
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 2.8 30.0 45.0#

