

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051059.D
 Acq On : 01 Oct 2022 01:29
 Operator : JC/MD
 Sample : N4869-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 04:31:44 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)

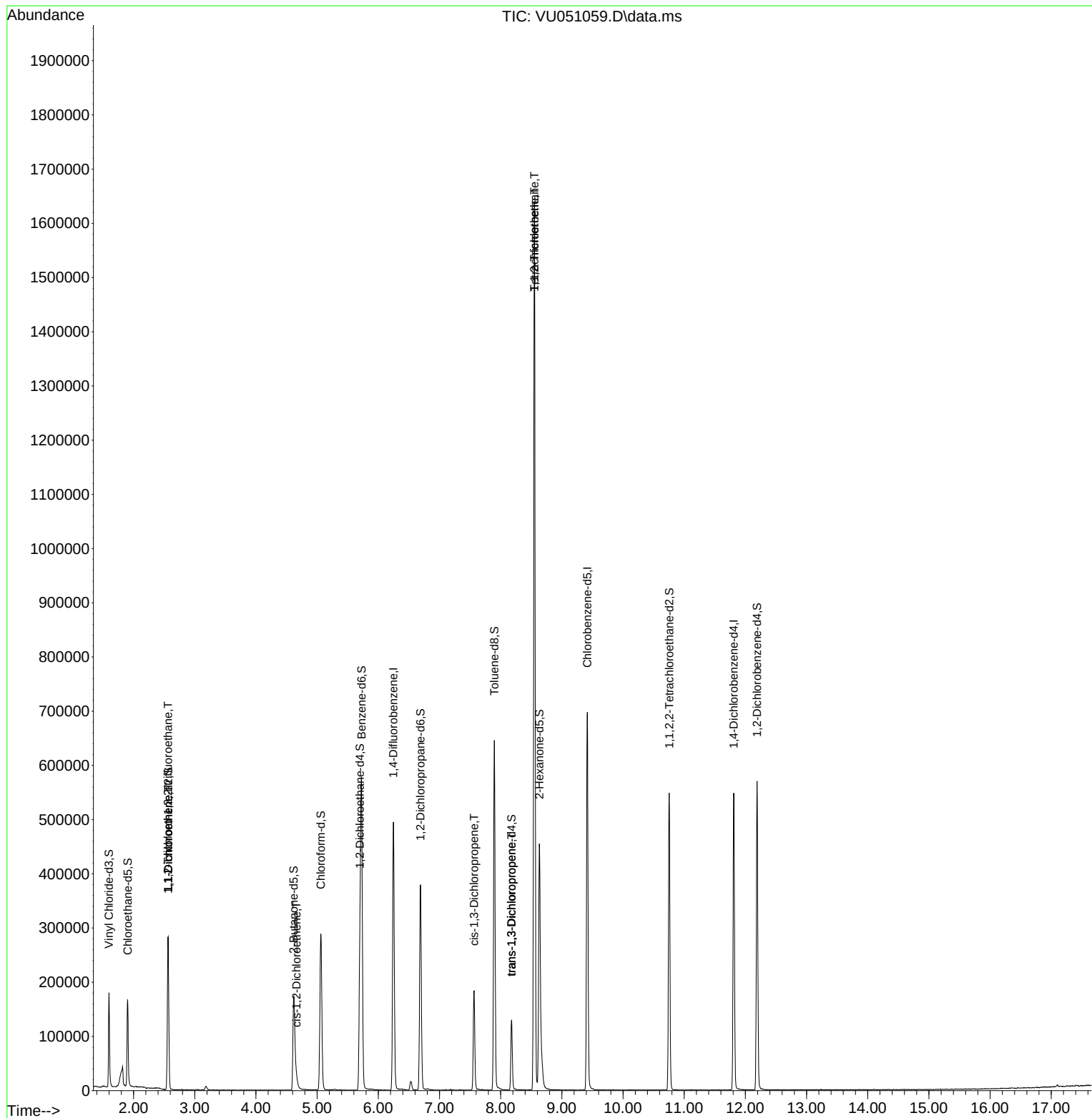
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	389404	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	385034	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	140089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	128553	32.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.140%
7) Chloroethane-d5	1.903	69	120673	32.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.840%#
11) 1,1-Dichloroethene-d2	2.565	63	168962	28.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.960%#
21) 2-Butanone-d5	4.616	46	248671	97.153	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.150%
24) Chloroform-d	5.060	84	271045	42.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.260%
26) 1,2-Dichloroethane-d4	5.700	65	177539	45.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.220%
32) Benzene-d6	5.726	84	531051	47.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.690	67	184139	50.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.660%
41) Toluene-d8	7.896	98	431074	41.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.760%
43) trans-1,3-Dichloroprop...	8.179	79	70579	40.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.880%
47) 2-Hexanone-d5	8.632	63	138337	93.640	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.640%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	276536	43.247	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.500%
66) 1,2-Dichlorobenzene-d4	12.192	152	145935	48.764	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.520%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1733	0.583	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1390	0.501	ug/L #	1
20) cis-1,2-Dichloroethene	4.661	96	6075	1.842	ug/L	91
39) cis-1,3-Dichloropropene	7.565	75	4060	0.907	ug/L #	59
44) trans-1,3-Dichloropropene	8.176	75	3489	0.771	ug/L	94
45) 1,1,2-Trichloroethane	8.552	97	3316	0.968	ug/L #	3
46) Tetrachloroethene	8.552	164	355061	154.100	ug/L	99

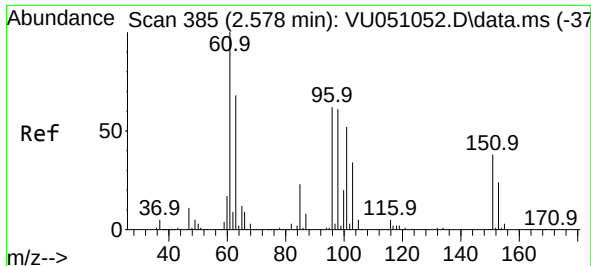
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 01 03:04:59 2022
Response via : Initial Calibration





#10

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

Concen: 0.583 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU051059.D

Acq: 01 Oct 2022 01:29

Instrument :

MSVOA_U

ClientSampleId :

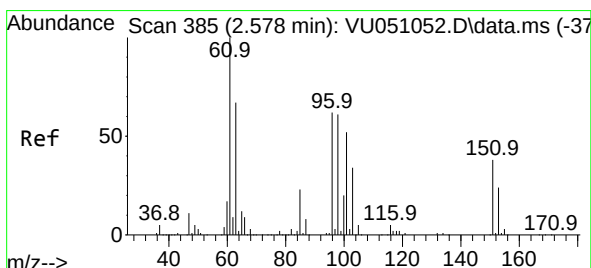
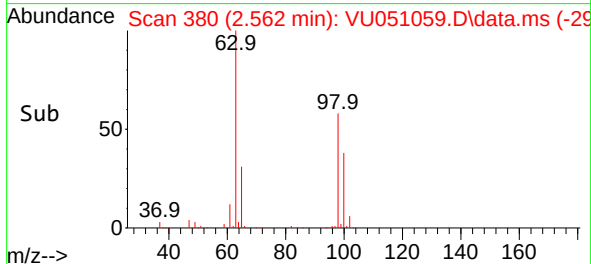
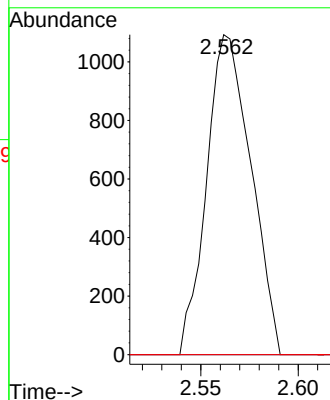
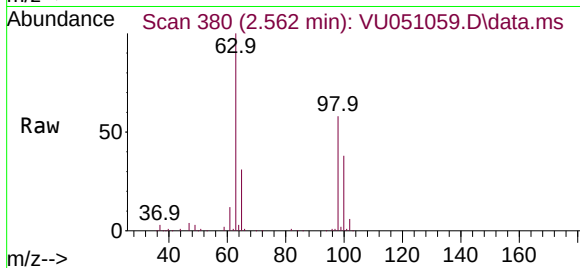
Tgt Ion:101 Resp: 1733

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: 0.501 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051059.D

Acq: 01 Oct 2022 01:29

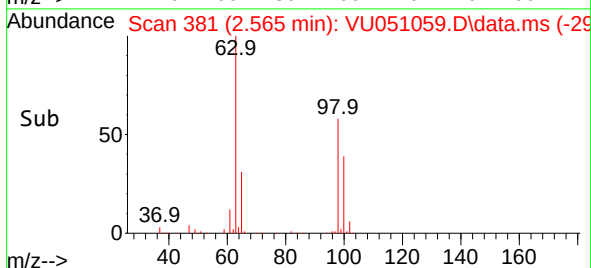
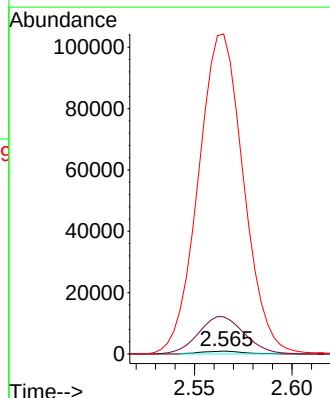
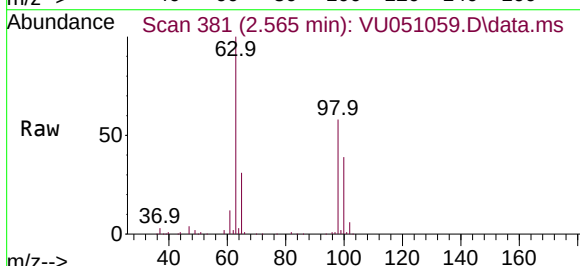
Tgt Ion: 96 Resp: 1390

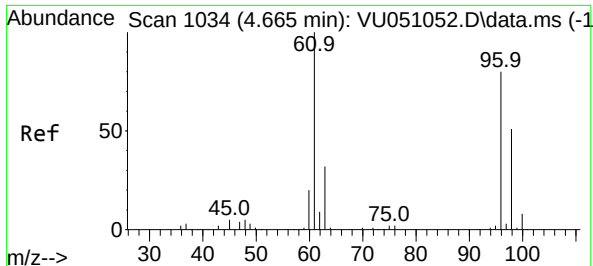
Ion Ratio Lower Upper

96 100

61 1298.4 113.0 209.9#

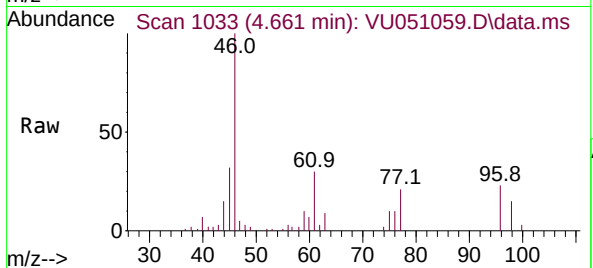
63 11194.8 91.7 170.3#





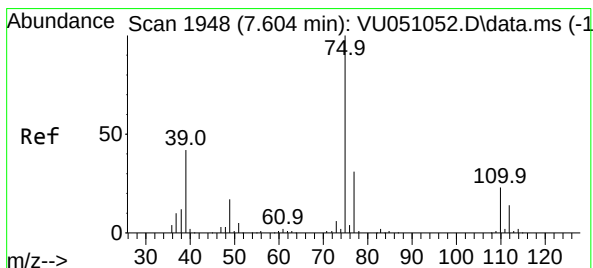
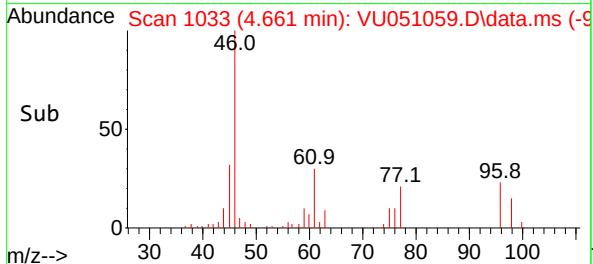
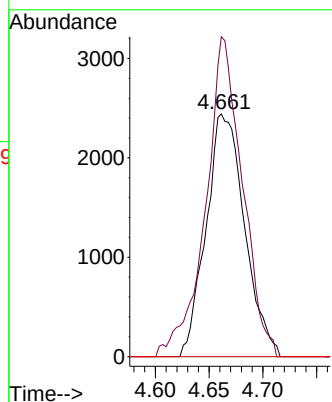
#20
 cis-1,2-Dichloroethene
 Concen: 1.842 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU051059.D
 Acq: 01 Oct 2022 01:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 6075

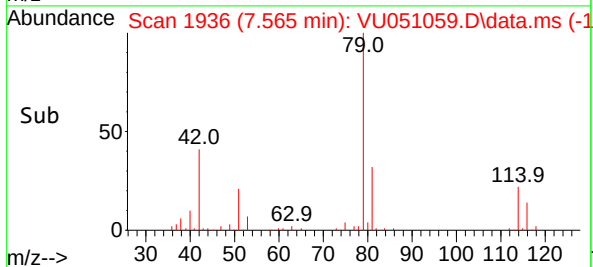
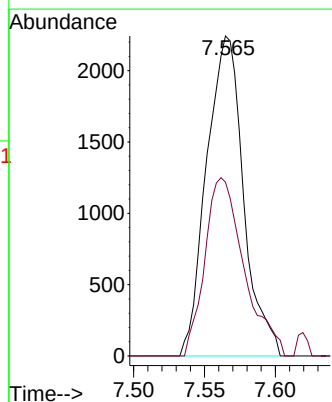
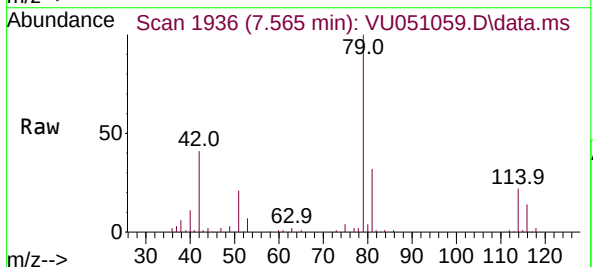
Ion	Ratio	Lower	Upper
96	100		
61	131.9	85.4	158.6
68	0.0	0.0	0.0

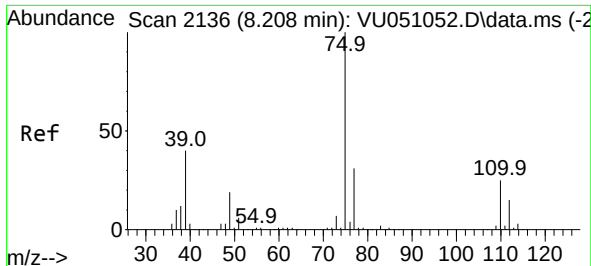


#39
 cis-1,3-Dichloropropene
 Concen: 0.907 ug/L
 RT: 7.565 min Scan# 1936
 Delta R.T. -0.039 min
 Lab File: VU051059.D
 Acq: 01 Oct 2022 01:29

Tgt Ion: 75 Resp: 4060

Ion	Ratio	Lower	Upper
75	100		
77	54.3	22.0	41.0

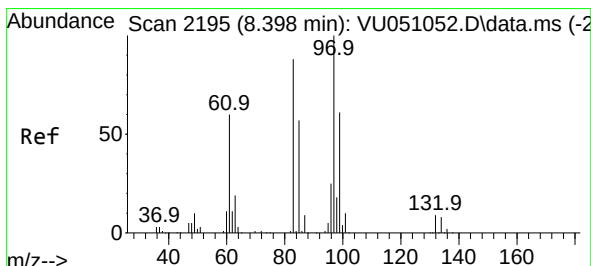
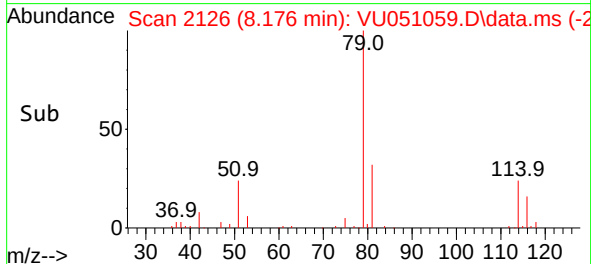
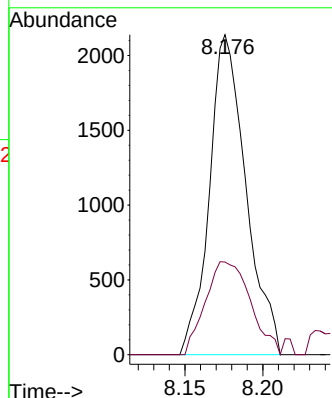
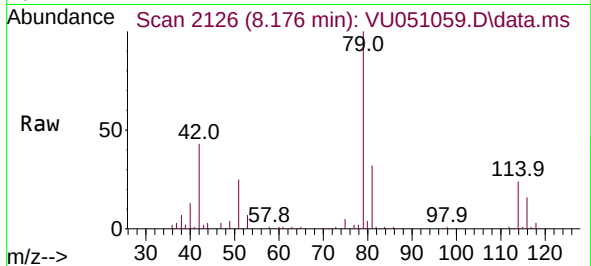




#44
trans-1,3-Dichloropropene
Concen: 0.771 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051059.D
Acq: 01 Oct 2022 01:29

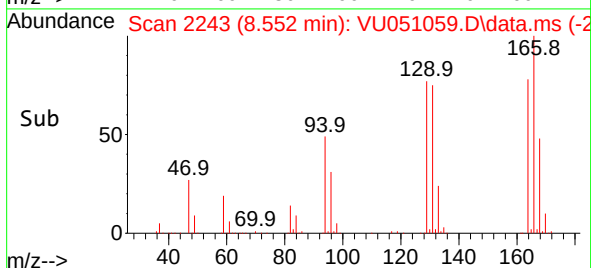
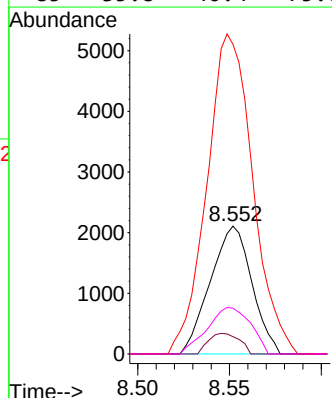
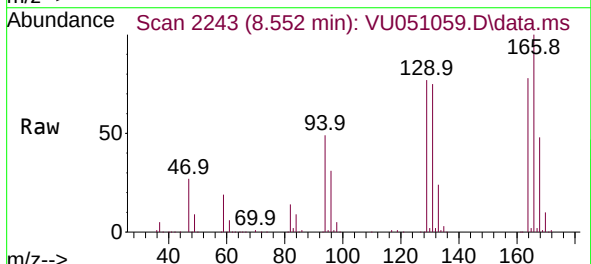
Instrument :
MSVOA_U
ClientSampleId :

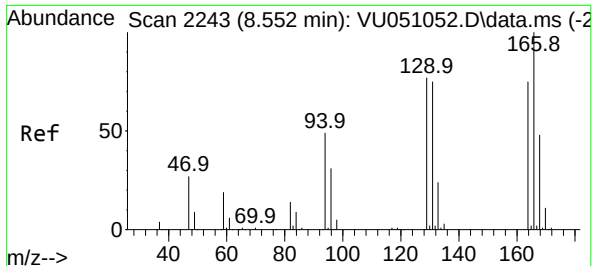
Tgt Ion: 75 Resp: 3489
Ion Ratio Lower Upper
75 100
77 28.9 22.7 42.3



#45
1,1,2-Trichloroethane
Concen: 0.968 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.154 min
Lab File: VU051059.D
Acq: 01 Oct 2022 01:29

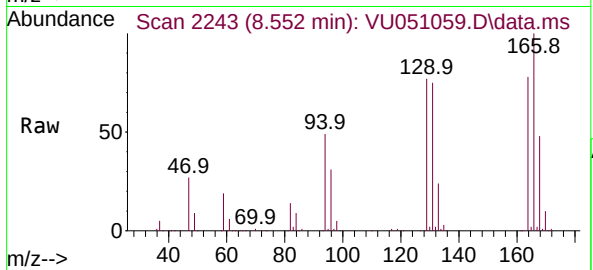
Tgt Ion: 97 Resp: 3316
Ion Ratio Lower Upper
97 100
99 13.6 44.4 82.4#
83 242.0 61.7 114.5#
85 35.8 40.4 75.0#





#46
 Tetrachloroethene
 Concen: 154.100 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051059.D
 Acq: 01 Oct 2022 01:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	164	Resp:	355061
Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.1	126.5
131	95.7	67.8	126.0
166	127.5	90.5	168.1

