

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051085.D
 Acq On : 03 Oct 2022 16:19
 Operator : JC/MD
 Sample : N4869-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J00DL

Quant Time: Oct 03 23:32:58 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)

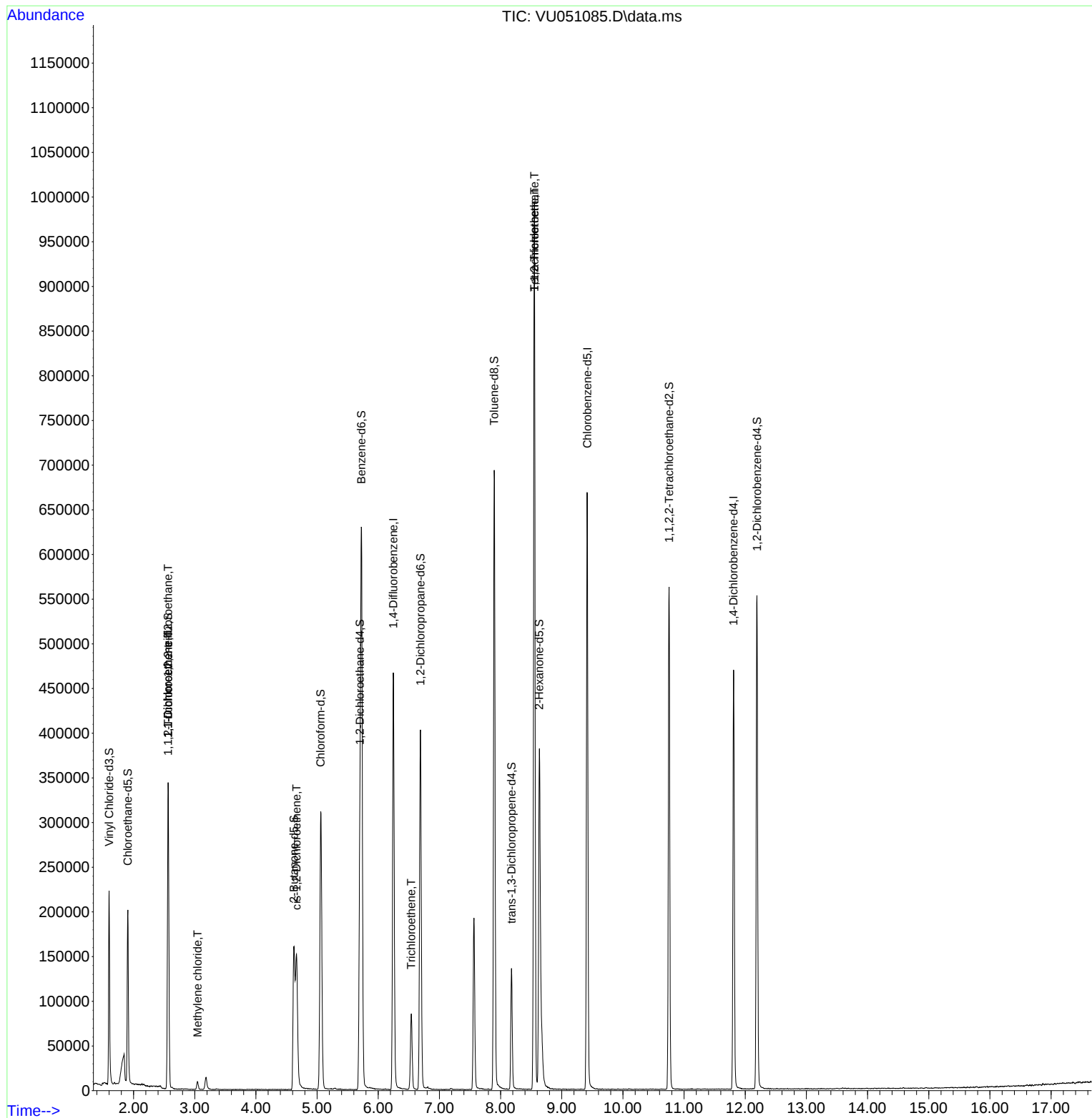
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	369551	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	372421	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	127349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	164367	43.887	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.780%		
7) Chloroethane-d5	1.906	69	144297	41.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.960%		
11) 1,1-Dichloroethene-d2	2.565	63	200684	36.275	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.560%		
21) 2-Butanone-d5	4.620	46	220734	90.871	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.870%		
24) Chloroform-d	5.060	84	292830	48.530	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.060%		
26) 1,2-Dichloroethane-d4	5.700	65	187051	50.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.160%		
32) Benzene-d6	5.726	84	581159	53.289	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.580%		
36) 1,2-Dichloropropane-d6	6.690	67	194405	54.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.860%		
41) Toluene-d8	7.896	98	468187	46.465	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.920%		
43) trans-1,3-Dichloroprop...	8.179	79	75507	44.733	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.460%		
47) 2-Hexanone-d5	8.632	63	111101	77.751	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.750%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	283316	45.808	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.620%		
66) 1,2-Dichlorobenzene-d4	12.192	152	144157	52.989	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.980%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2003	0.710	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1727	0.655	ug/L #	1
16) Methylene chloride	3.044	84	4215	1.114	ug/L	91
20) cis-1,2-Dichloroethene	4.665	96	70570	22.543	ug/L	96
34) Trichloroethene	6.539	95	27161	9.236	ug/L	97
45) 1,1,2-Trichloroethane	8.552	97	1903	0.575	ug/L #	1
46) Tetrachloroethene	8.552	164	216293	97.053	ug/L	97

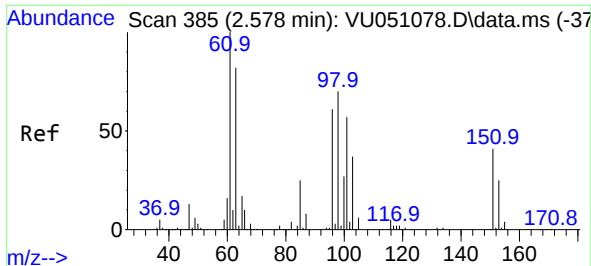
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 01 03:04:59 2022
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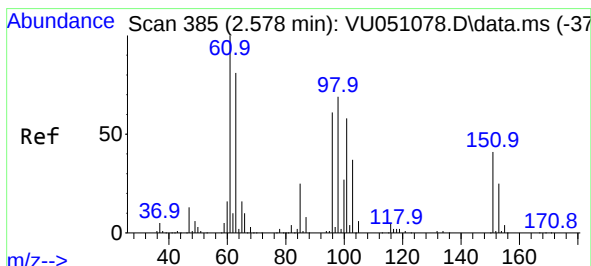
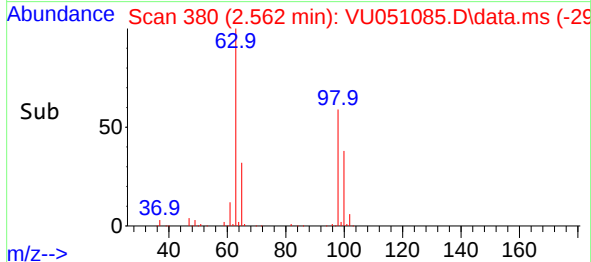
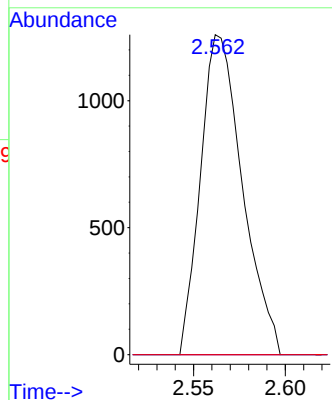
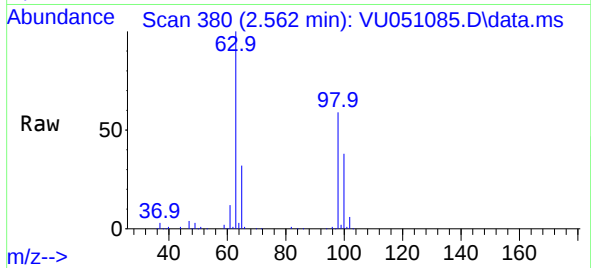




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.710 ug/L
RT: 2.562 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU051085.D
Acq: 03 Oct 2022 16:19

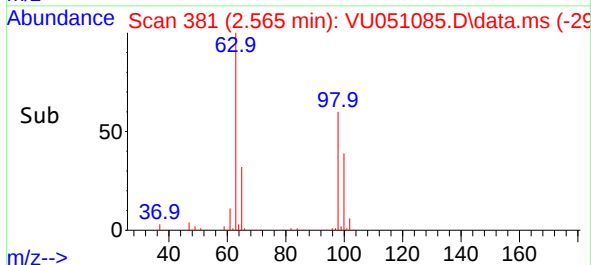
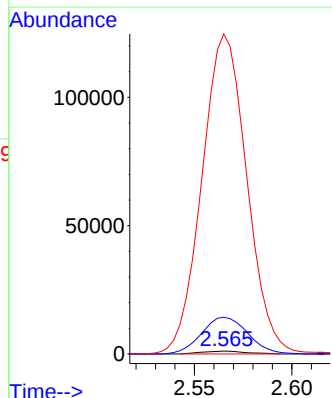
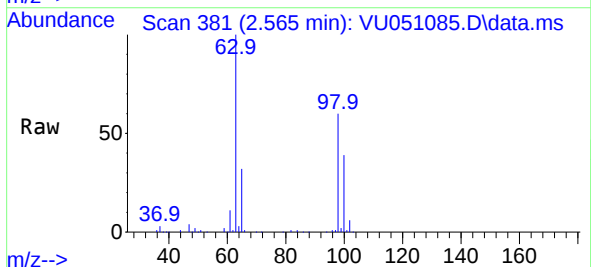
Instrument :
MSVOA_U
ClientSampleId :
F5J00DL

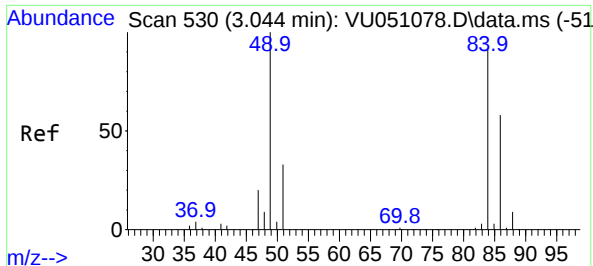
Tgt Ion:101 Resp: 2003
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.655 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051085.D
Acq: 03 Oct 2022 16:19

Tgt Ion: 96 Resp: 1727
Ion Ratio Lower Upper
96 100
61 1299.7 113.0 209.9#
63 11317.6 91.7 170.3#

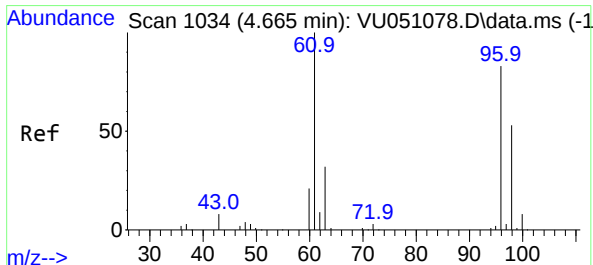
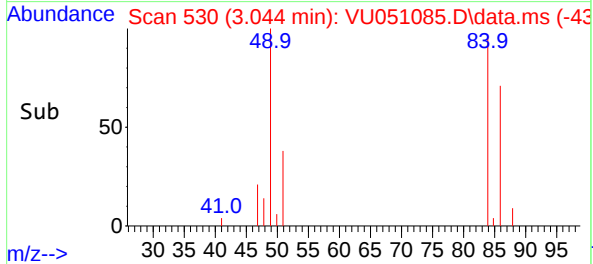
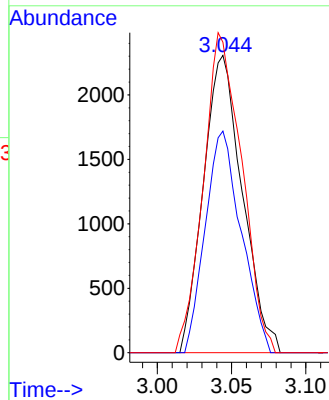
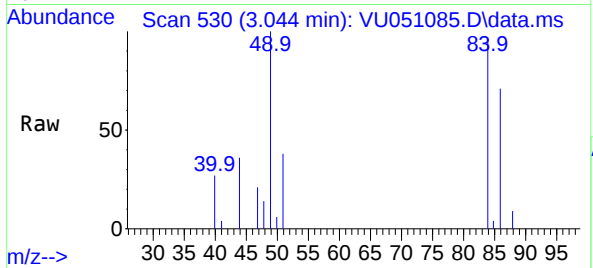




#16
Methylene chloride
Concen: 1.114 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051085.D
Acq: 03 Oct 2022 16:19

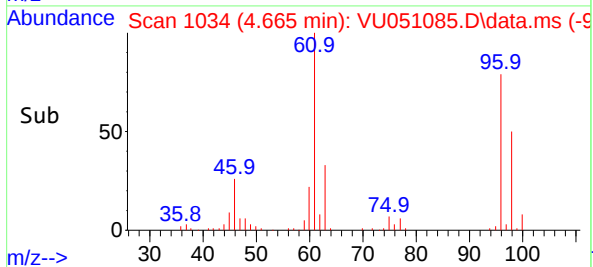
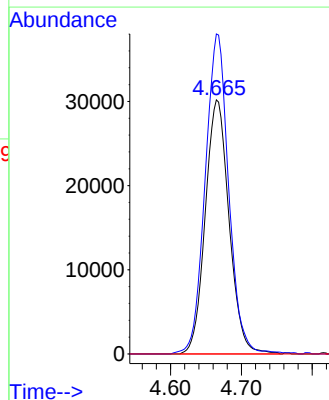
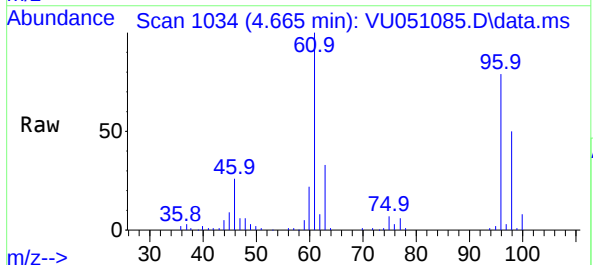
Instrument :
MSVOA_U
ClientSampleId :
F5J00DL

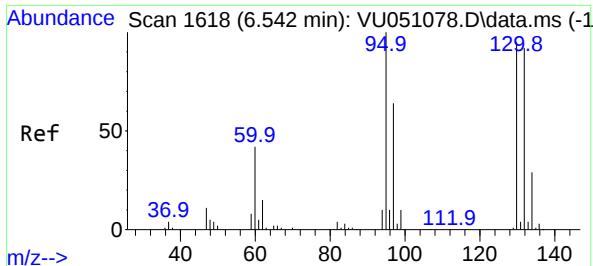
Tgt Ion:	84	Resp:	4215
Ion	Ratio	Lower	Upper
84	100		
86	74.6	45.4	84.4
49	104.4	78.3	145.3



#20
cis-1,2-Dichloroethene
Concen: 22.543 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051085.D
Acq: 03 Oct 2022 16:19

Tgt Ion:	96	Resp:	70570
Ion	Ratio	Lower	Upper
96	100		
61	125.9	85.4	158.6
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 9.236 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051085.D

Acq: 03 Oct 2022 16:19

Instrument :

MSVOA_U

ClientSampleId :

F5J00DL

Tgt Ion: 95 Resp: 27161

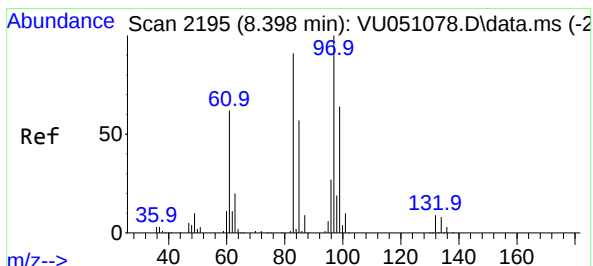
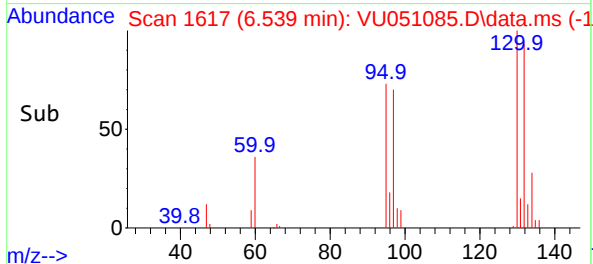
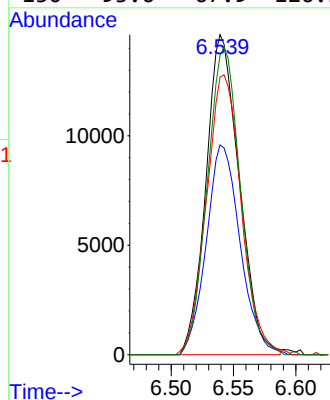
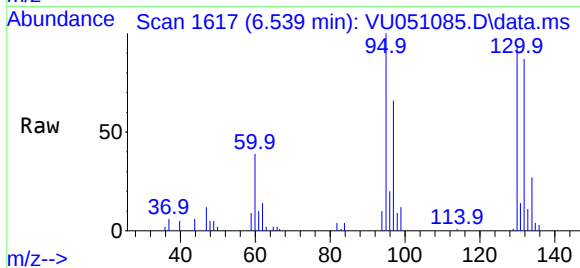
Ion Ratio Lower Upper

95 100

97 65.6 45.9 85.3

132 86.8 64.0 119.0

130 93.6 67.9 126.1



#45

1,1,2-Trichloroethane

Concen: 0.575 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.154 min

Lab File: VU051085.D

Acq: 03 Oct 2022 16:19

Tgt Ion: 97 Resp: 1903

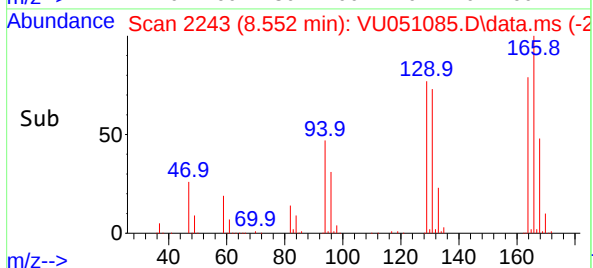
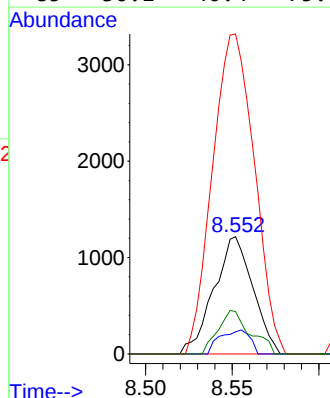
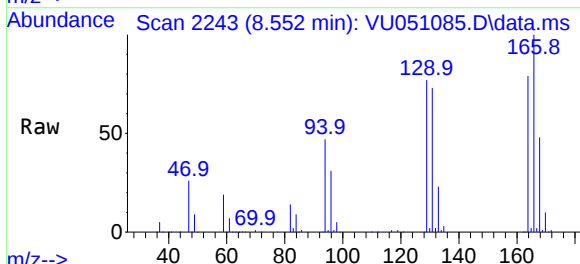
Ion Ratio Lower Upper

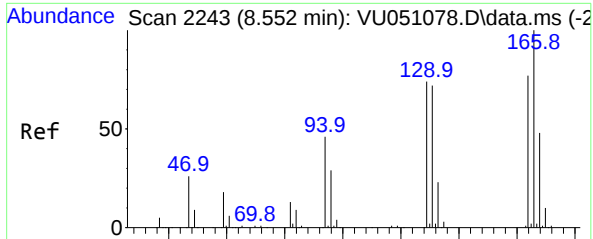
97 100

99 18.8 44.4 82.4#

83 272.8 61.7 114.5#

85 36.1 40.4 75.0#





#46
 Tetrachloroethene
 Concen: 97.053 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051085.D
 Acq: 03 Oct 2022 16:19

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J00DL

Tgt Ion:164 Resp: 216293

Ion	Ratio	Lower	Upper
164	100		
129	96.9	68.1	126.5
131	91.7	67.8	126.0
166	125.9	90.5	168.1

