

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051184.D
 Acq On : 06 Oct 2022 20:06
 Operator : JC/MD
 Sample : N4893-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J15

Quant Time: Oct 07 01:34:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

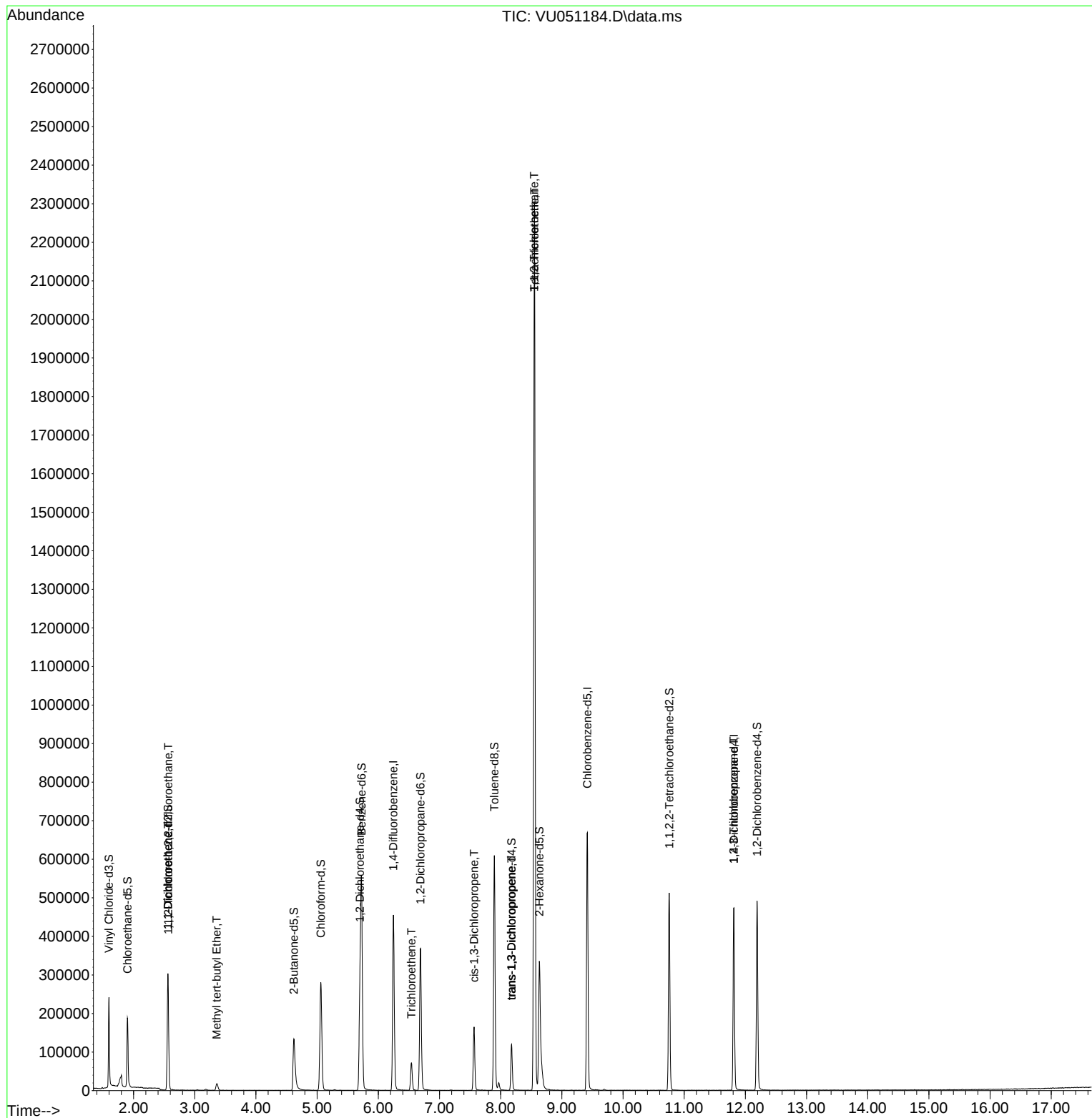
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	358092	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	374083	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	127935	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	159951	44.075	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.140%		
7) Chloroethane-d5	1.900	69	136644	40.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.060%		
11) 1,1-Dichloroethene-d2	2.562	63	179275	33.442	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.880%		
21) 2-Butanone-d5	4.620	46	187267	79.561	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.560%		
24) Chloroform-d	5.060	84	265796	45.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.920%		
26) 1,2-Dichloroethane-d4	5.700	65	172304	47.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.220%		
32) Benzene-d6	5.726	84	520112	47.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.960%		
36) 1,2-Dichloropropane-d6	6.687	67	180882	50.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.780%		
41) Toluene-d8	7.896	98	405682	40.083	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.160%		
43) trans-1,3-Dichloroprop...	8.179	79	66100	38.986	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.980%		
47) 2-Hexanone-d5	8.632	63	94281	65.687	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	65.690%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	266224	42.853	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.700%		
66) 1,2-Dichlorobenzene-d4	12.192	152	129289	47.306	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1880	0.688	ug/L #	24
12) 1,1-Dichloroethene	2.562	96	1379	0.540	ug/L #	1
18) Methyl tert-butyl Ether	3.359	73	17055	2.066	ug/L	97
34) Trichloroethene	6.539	95	24251	8.210	ug/L	97
39) cis-1,3-Dichloropropene	7.565	75	3629	0.834	ug/L #	69
44) trans-1,3-Dichloropropene	8.176	75	2802	0.637	ug/L #	62
45) 1,1,2-Trichloroethane	8.549	97	4147	1.247	ug/L #	1
46) Tetrachloroethene	8.552	164	505148	225.658	ug/L	99
60) 1,2,3-Trichloropropane	11.809	75	15236	4.525	ug/L #	67

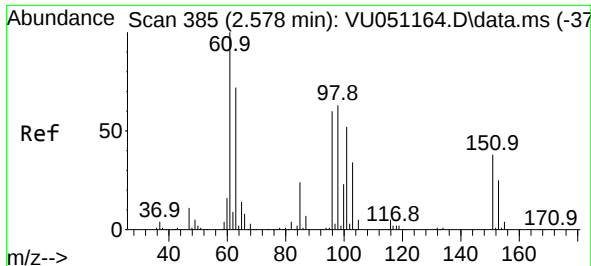
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051184.D
Acq On : 06 Oct 2022 20:06
Operator : JC/MD
Sample : N4893-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J15

Quant Time: Oct 07 01:34:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 07 01:29:24 2022
Response via : Initial Calibration

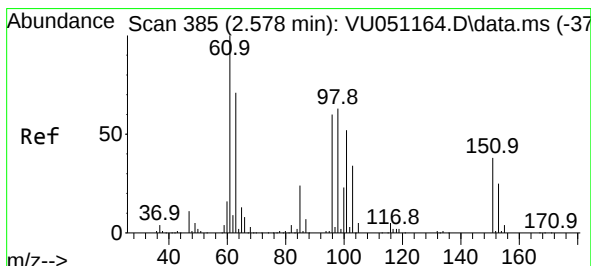
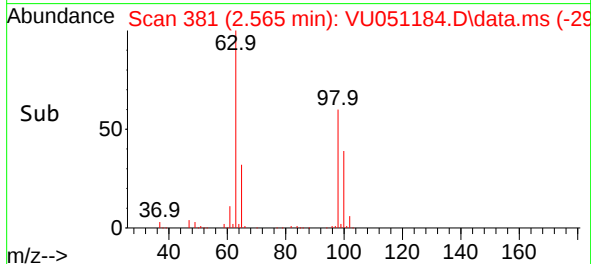
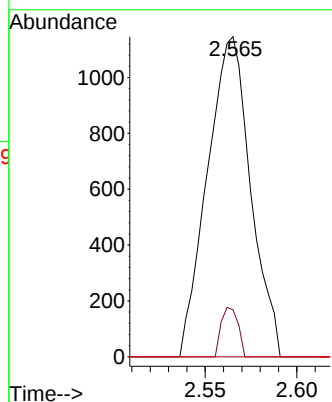
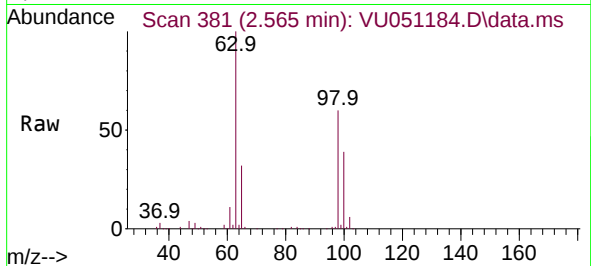




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.688 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051184.D
 Acq: 06 Oct 2022 20:06

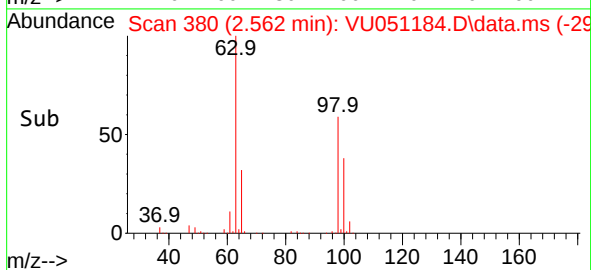
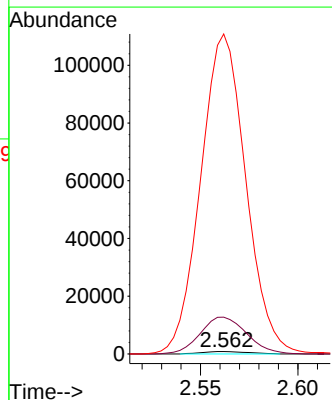
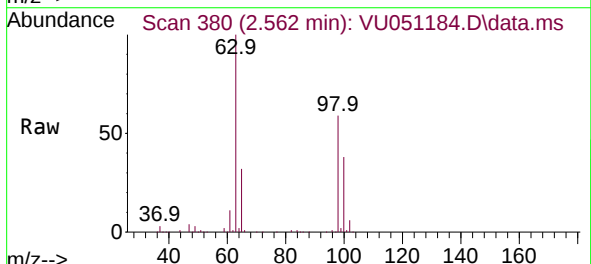
Instrument :
 MSVOA_U
 ClientSampleId :
 F5J15

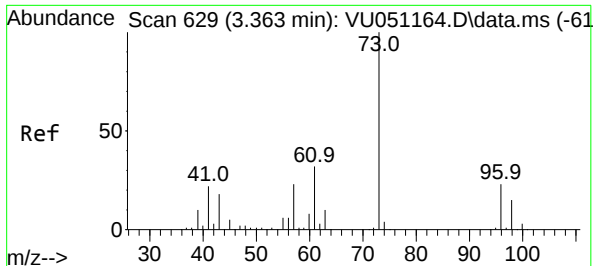
Tgt Ion:101 Resp: 1880
 Ion Ratio Lower Upper
 101 100
 85 6.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.540 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU051184.D
 Acq: 06 Oct 2022 20:06

Tgt Ion: 96 Resp: 1379
 Ion Ratio Lower Upper
 96 100
 61 1484.8 113.0 209.9#
 63 12919.3 91.7 170.3#





#18

Methyl tert-butyl Ether

Concen: 2.066 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051184.D

Acq: 06 Oct 2022 20:06

Instrument :

MSVOA_U

ClientSampleId :

F5J15

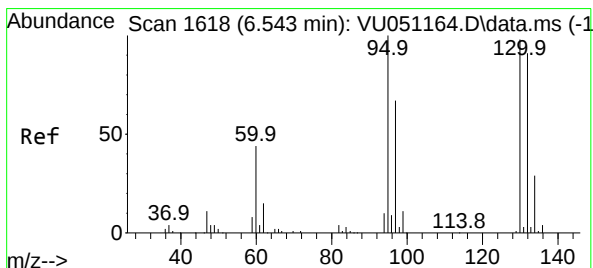
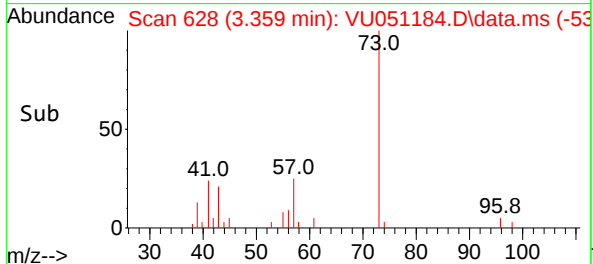
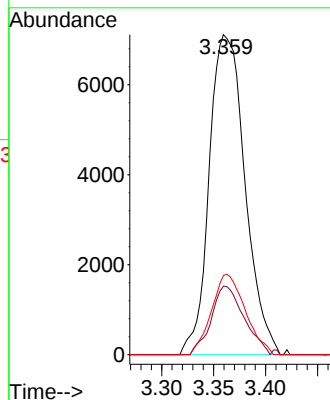
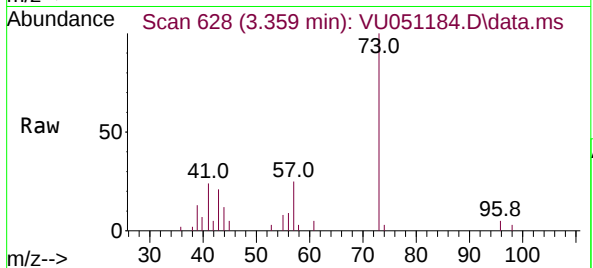
Tgt Ion: 73 Resp: 17055

Ion Ratio Lower Upper

73 100

43 19.7 14.7 22.1

57 23.7 17.5 26.3



#34

Trichloroethene

Concen: 8.210 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051184.D

Acq: 06 Oct 2022 20:06

Tgt Ion: 95 Resp: 24251

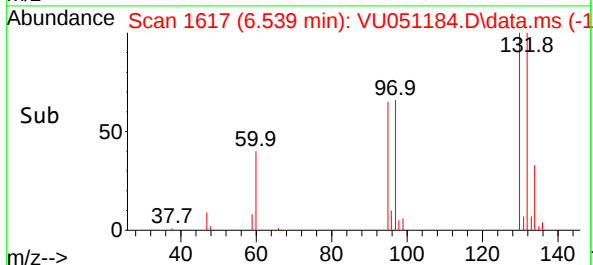
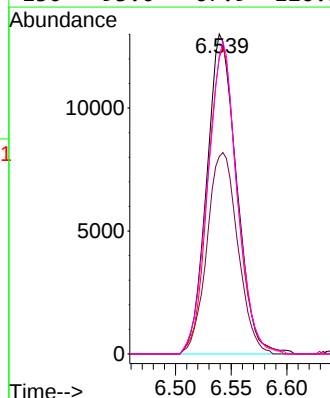
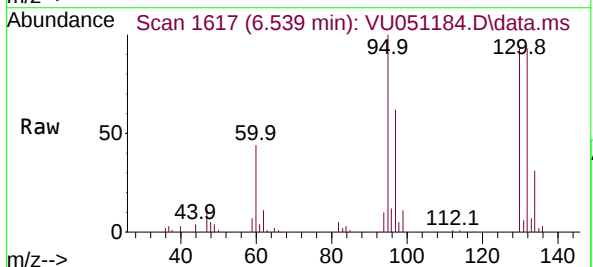
Ion Ratio Lower Upper

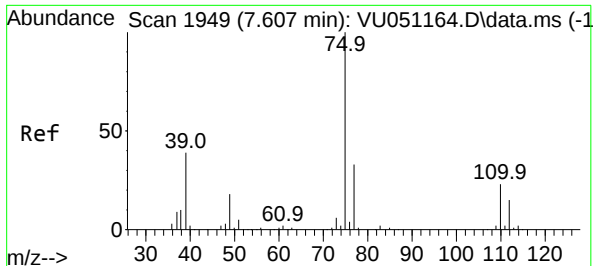
95 100

97 61.7 45.9 85.3

132 92.6 64.0 119.0

130 93.0 67.9 126.1





#39

cis-1,3-Dichloropropene

Concen: 0.834 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU051184.D

Acq: 06 Oct 2022 20:06

Instrument :

MSVOA_U

ClientSampleId :

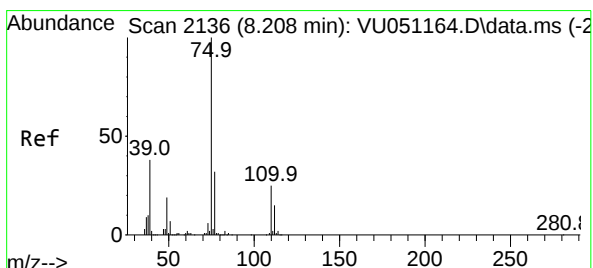
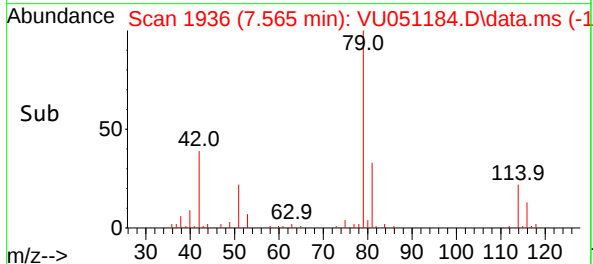
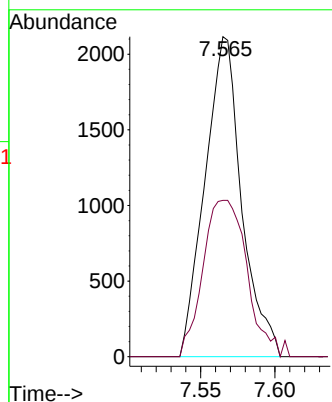
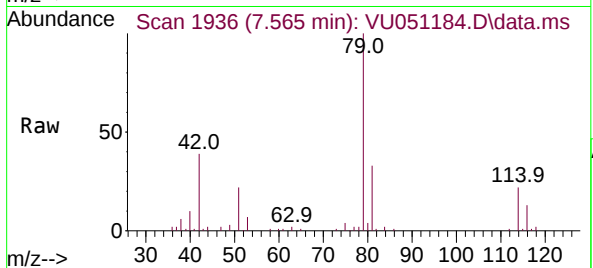
F5J15

Tgt Ion: 75 Resp: 3629

Ion Ratio Lower Upper

75 100

77 48.9 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.637 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051184.D

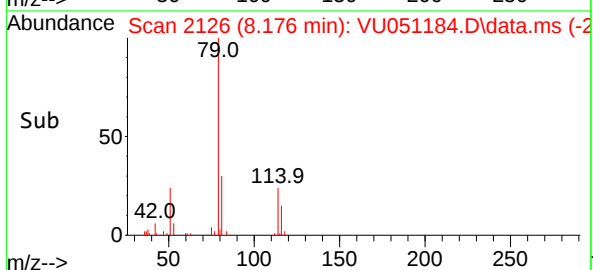
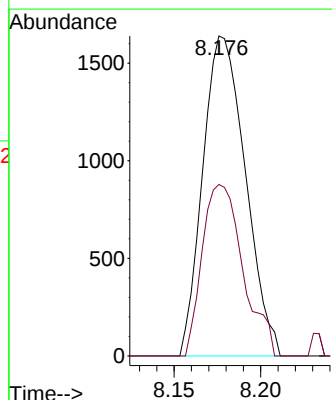
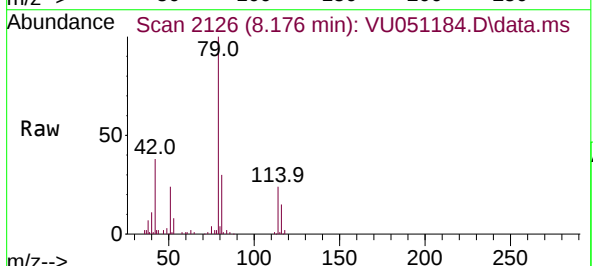
Acq: 06 Oct 2022 20:06

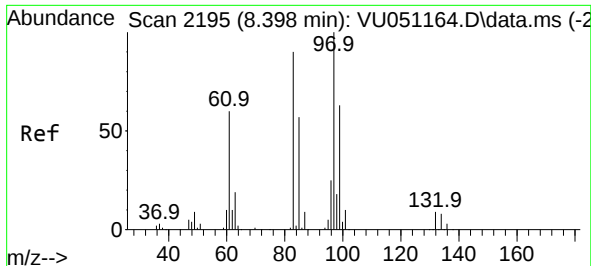
Tgt Ion: 75 Resp: 2802

Ion Ratio Lower Upper

75 100

77 53.6 22.7 42.3#





#45

1,1,2-Trichloroethane

Concen: 1.247 ug/L

RT: 8.549 min Scan# 2195

Delta R.T. 0.151 min

Lab File: VU051184.D

Acq: 06 Oct 2022 20:06

Instrument :

MSVOA_U

ClientSampleId :

F5J15

Tgt Ion: 97 Resp: 4147

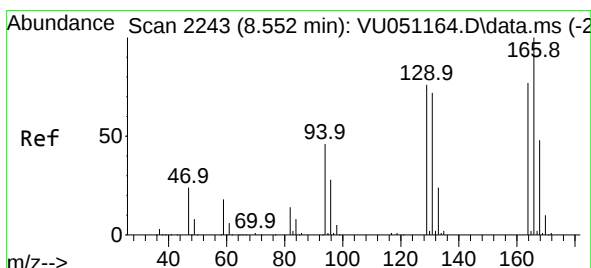
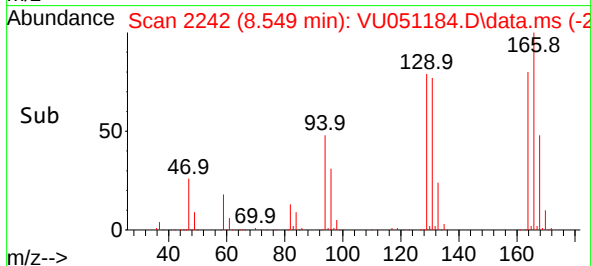
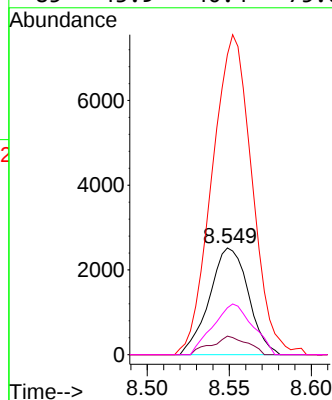
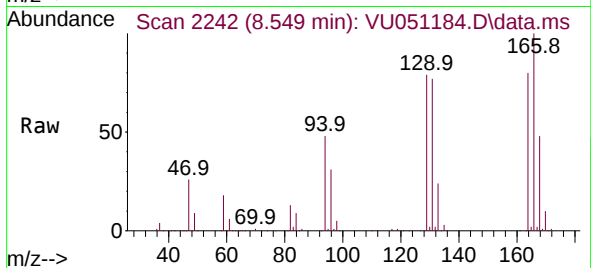
Ion Ratio Lower Upper

97 100

99 17.3 44.4 82.4#

83 281.1 61.7 114.5#

85 43.9 40.4 75.0



#46

Tetrachloroethene

Concen: 225.658 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051184.D

Acq: 06 Oct 2022 20:06

Tgt Ion:164 Resp: 505148

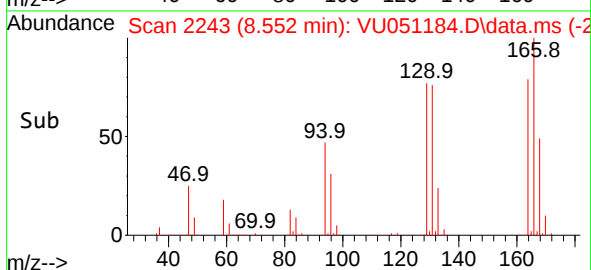
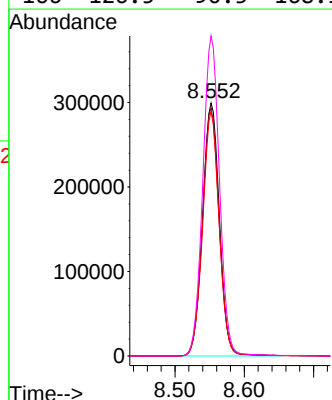
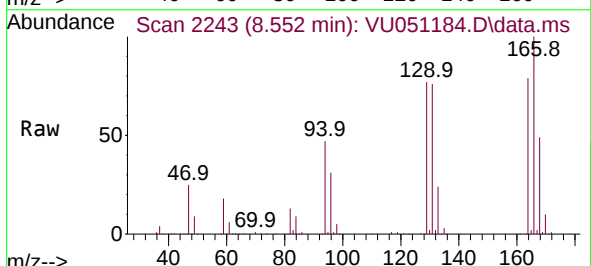
Ion Ratio Lower Upper

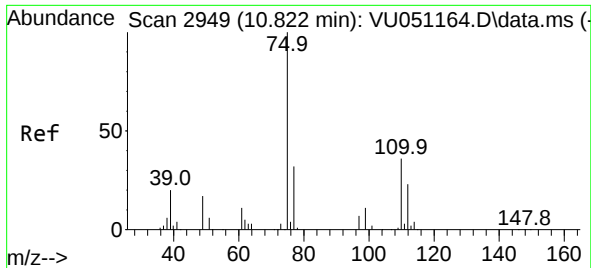
164 100

129 98.0 68.1 126.5

131 96.5 67.8 126.0

166 126.5 90.5 168.1





#60
 1,2,3-Trichloropropane
 Concen: 4.525 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051184.D
 Acq: 06 Oct 2022 20:06

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J15

Tgt Ion: 75 Resp: 15236
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.1 39.1
 110 0.8 30.0 45.0#

