

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051181.D
 Acq On : 06 Oct 2022 18:55
 Operator : JC/MD
 Sample : N4893-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J10

Quant Time: Oct 07 01:34:02 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)

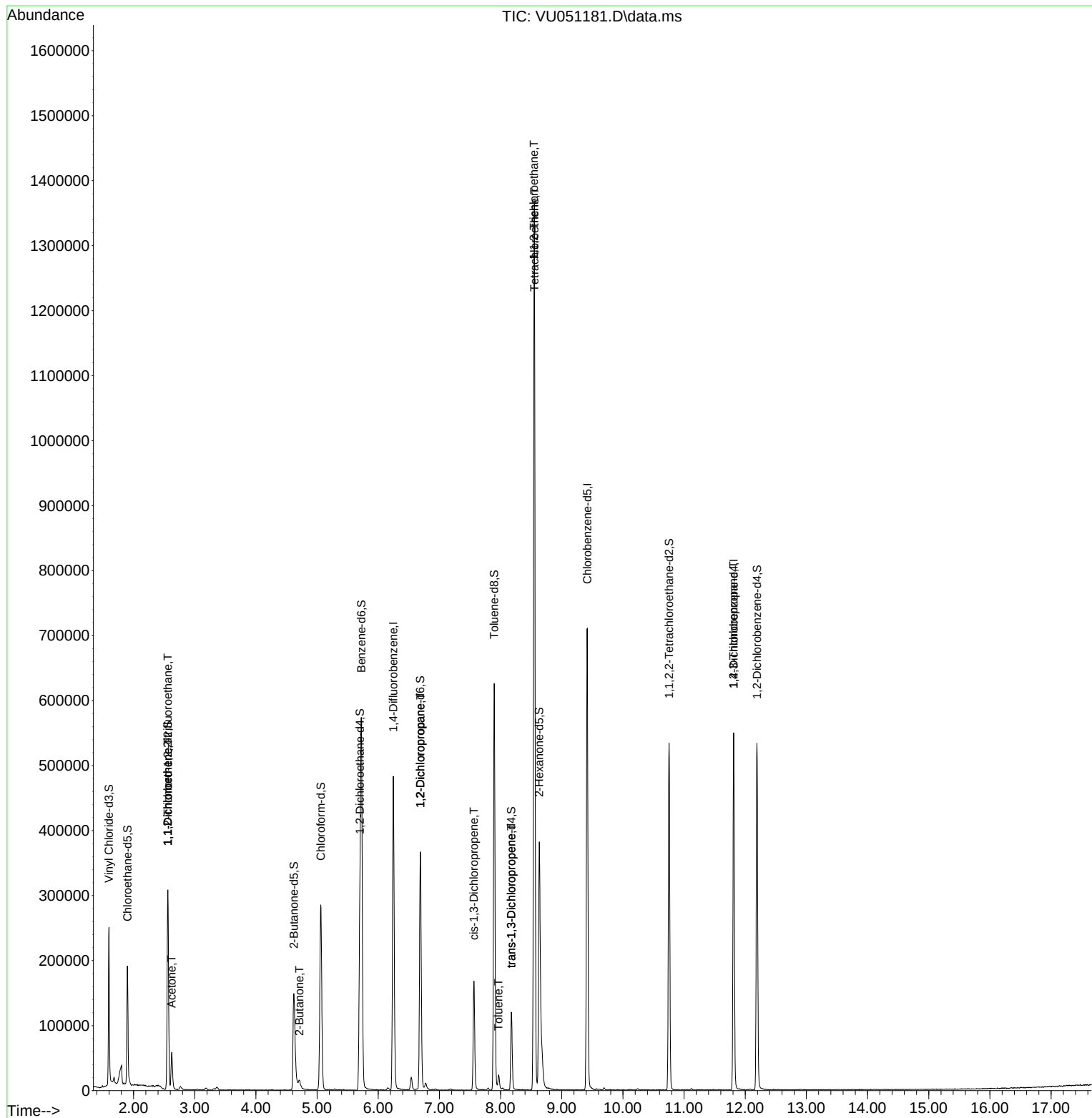
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	381684	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	399472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	143640	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	161223	41.679	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.360%		
7) Chloroethane-d5	1.900	69	139590	38.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.700%		
11) 1,1-Dichloroethene-d2	2.559	63	185248	32.421	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.840%		
21) 2-Butanone-d5	4.620	46	213945	85.276	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.280%		
24) Chloroform-d	5.060	84	268516	43.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.180%		
26) 1,2-Dichloroethane-d4	5.700	65	171210	44.384	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.760%		
32) Benzene-d6	5.723	84	528346	45.165	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.340%		
36) 1,2-Dichloropropane-d6	6.687	67	183137	48.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.500%		
41) Toluene-d8	7.896	98	417609	38.639	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.280%#		
43) trans-1,3-Dichloroprop...	8.176	79	66316	36.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.260%		
47) 2-Hexanone-d5	8.632	63	106727	69.632	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	69.630%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	272709	41.107	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.220%		
66) 1,2-Dichlorobenzene-d4	12.192	152	140503	45.788	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.580%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1660	0.570	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	1544	0.567	ug/L #	1
13) Acetone	2.623	43	61908	30.901	ug/L	96
22) 2-Butanone	4.710	43	20058	7.246	ug/L	82
37) 1,2-Dichloropropane	6.690	63	18703	5.703	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	3708	0.798	ug/L #	60
42) Toluene	7.967	91	15129	1.168	ug/L	96
44) trans-1,3-Dichloropropene	8.176	75	2991	0.637	ug/L #	82
45) 1,1,2-Trichloroethane	8.546	97	2504	0.705	ug/L #	1
46) Tetrachloroethene	8.552	164	303801	127.087	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	18432	4.876	ug/L #	66

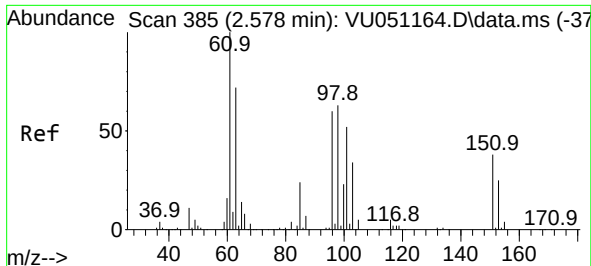
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051181.D
Acq On : 06 Oct 2022 18:55
Operator : JC/MD
Sample : N4893-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J10

Quant Time: Oct 07 01:34:02 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

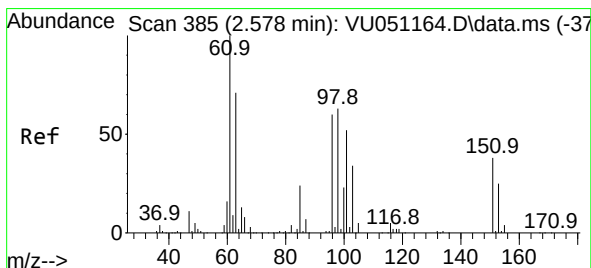
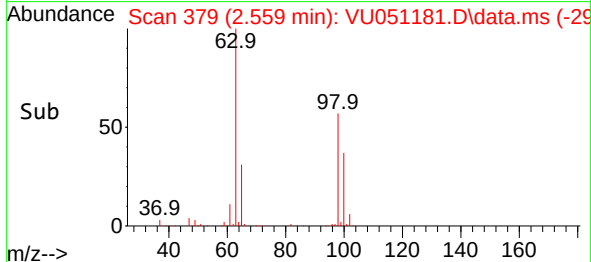
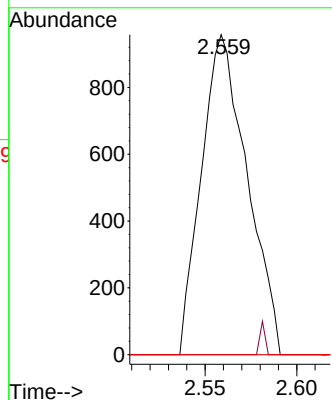
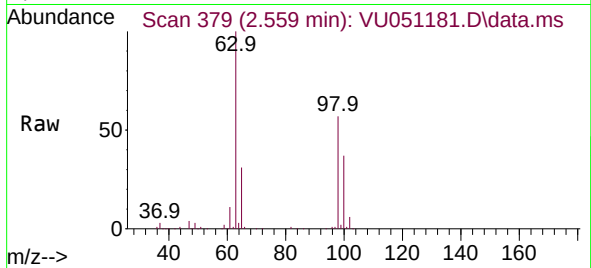




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.570 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU051181.D
 Acq: 06 Oct 2022 18:55

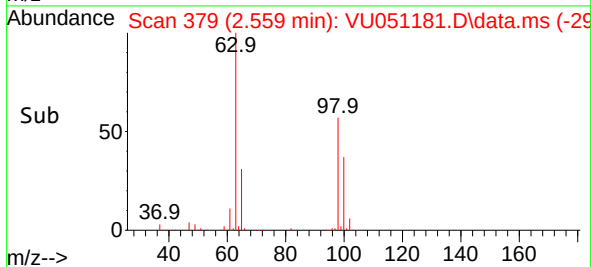
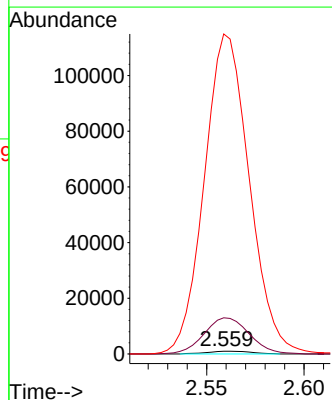
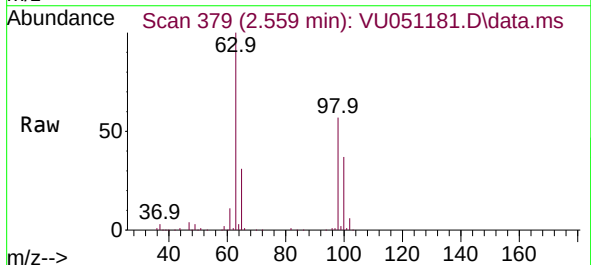
Instrument :
 MSVOA_U
 ClientSampleId :
 F5J10

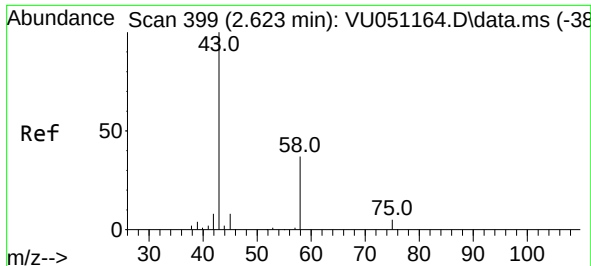
Tgt Ion:101 Resp: 1660
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.567 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU051181.D
 Acq: 06 Oct 2022 18:55

Tgt Ion: 96 Resp: 1544
 Ion Ratio Lower Upper
 96 100
 61 1337.4 113.0 209.9#
 63 11822.2 91.7 170.3#





#13

Acetone

Concen: 30.901 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU051181.D

Acq: 06 Oct 2022 18:55

Instrument :

MSVOA_U

ClientSampleId :

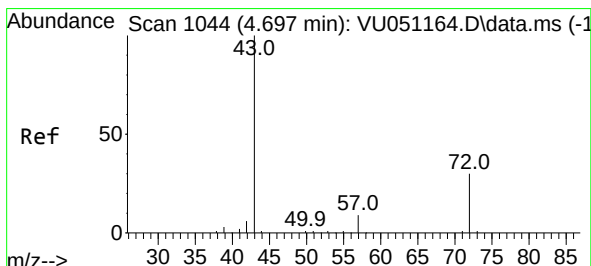
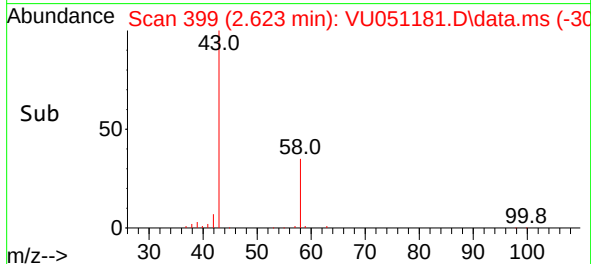
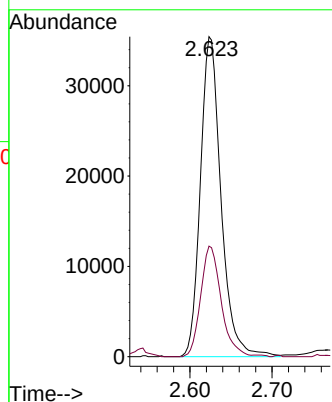
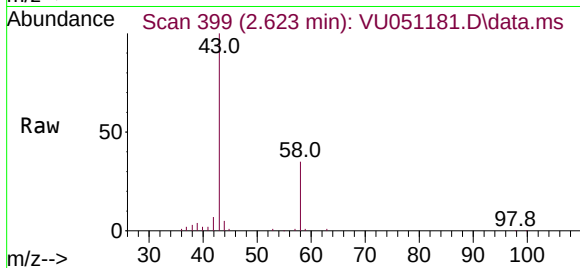
F5J10

Tgt Ion: 43 Resp: 61908

Ion Ratio Lower Upper

43 100

58 34.2 0.0 73.6



#22

2-Butanone

Concen: 7.246 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.013 min

Lab File: VU051181.D

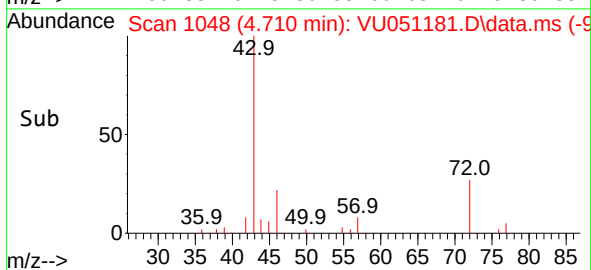
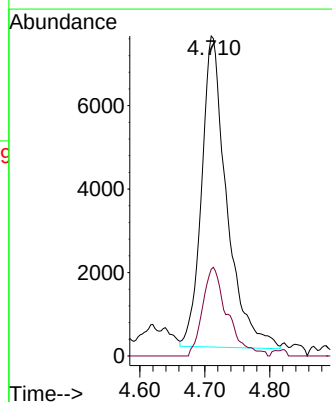
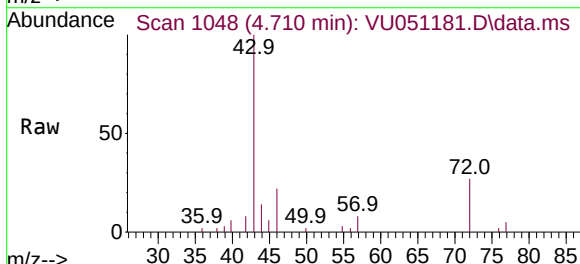
Acq: 06 Oct 2022 18:55

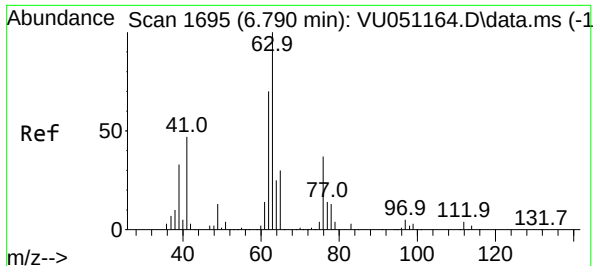
Tgt Ion: 43 Resp: 20058

Ion Ratio Lower Upper

43 100

72 21.6 15.8 47.4





#37

1,2-Dichloropropane

Concen: 5.703 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051181.D

Acq: 06 Oct 2022 18:55

Instrument :

MSVOA_U

ClientSampleId :

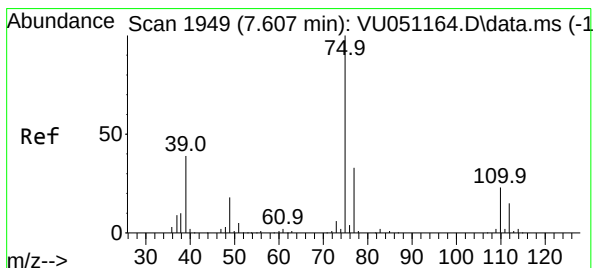
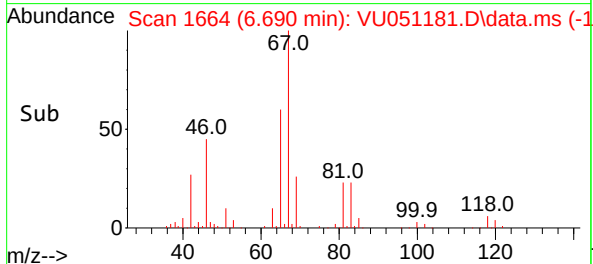
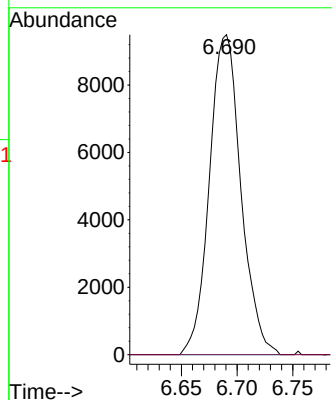
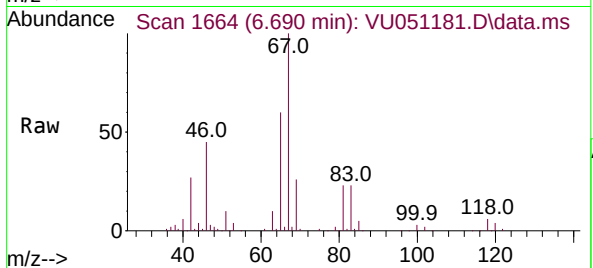
F5J10

Tgt Ion: 63 Resp: 18703

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.798 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU051181.D

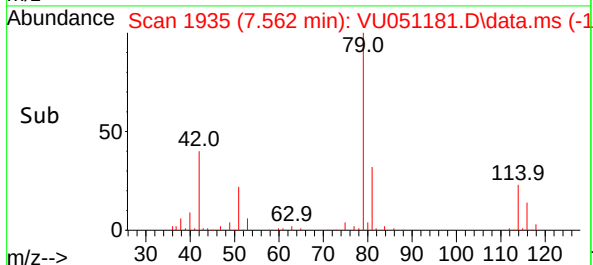
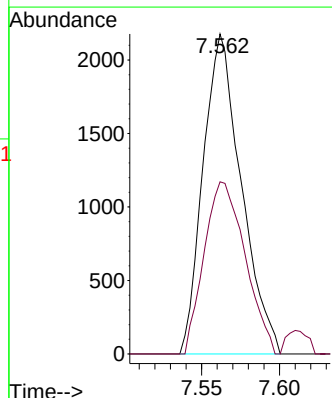
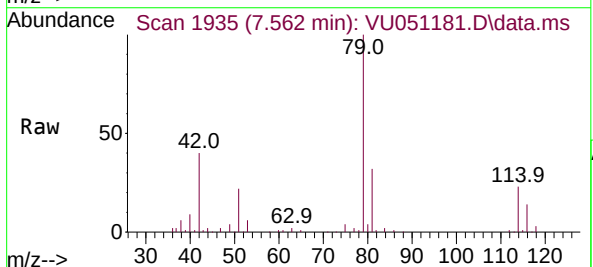
Acq: 06 Oct 2022 18:55

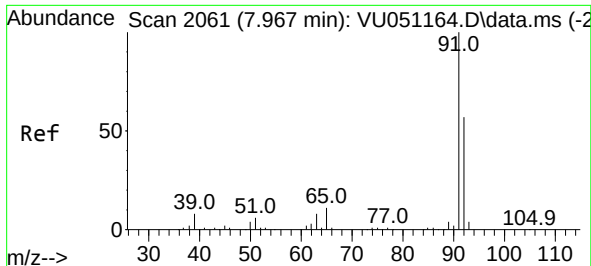
Tgt Ion: 75 Resp: 3708

Ion Ratio Lower Upper

75 100

77 53.8 22.0 41.0#





#42

Toluene

Concen: 1.168 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051181.D

Acq: 06 Oct 2022 18:55

Instrument :

MSVOA_U

ClientSampleId :

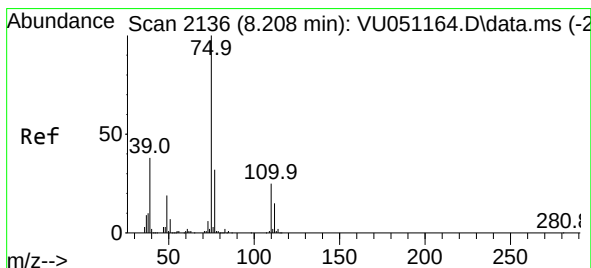
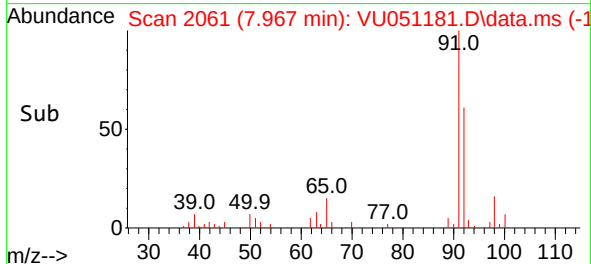
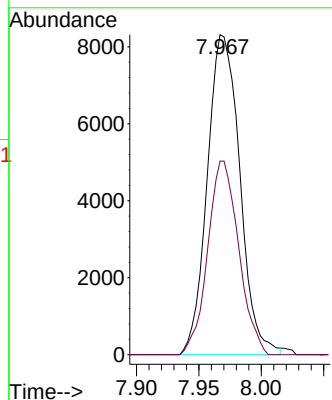
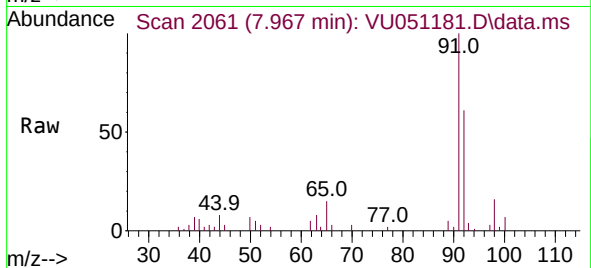
F5J10

Tgt Ion: 91 Resp: 15129

Ion Ratio Lower Upper

91 100

92 60.5 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 0.637 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051181.D

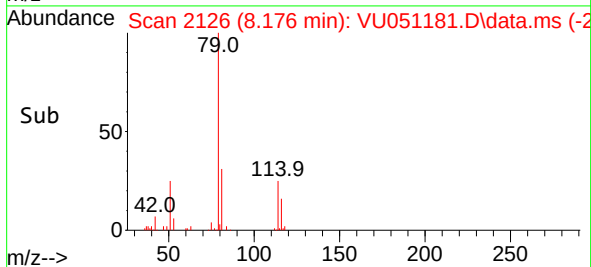
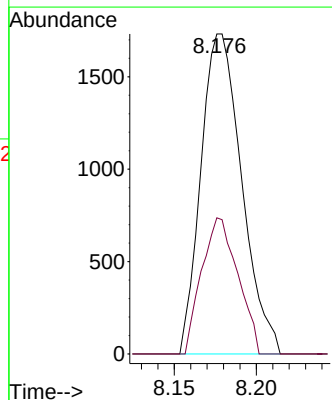
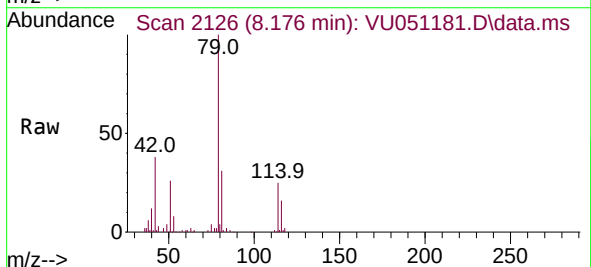
Acq: 06 Oct 2022 18:55

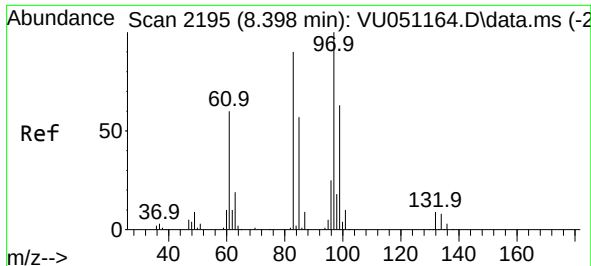
Tgt Ion: 75 Resp: 2991

Ion Ratio Lower Upper

75 100

77 42.6 22.7 42.3#





#45

1,1,2-Trichloroethane

Concen: 0.705 ug/L

RT: 8.546 min Scan# 2195

Delta R.T. 0.148 min

Lab File: VU051181.D

Acq: 06 Oct 2022 18:55

Instrument :

MSVOA_U

ClientSampleId :

F5J10

Tgt Ion: 97 Resp: 2504

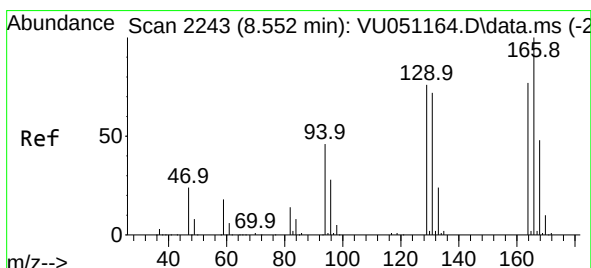
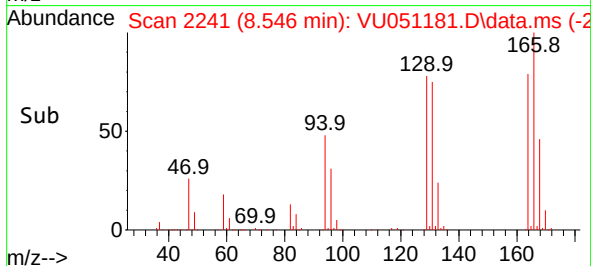
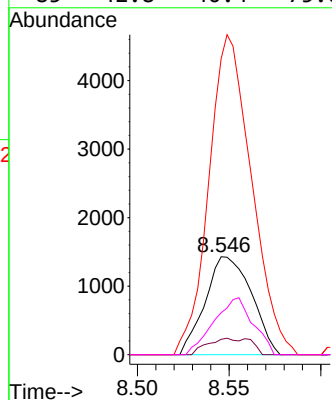
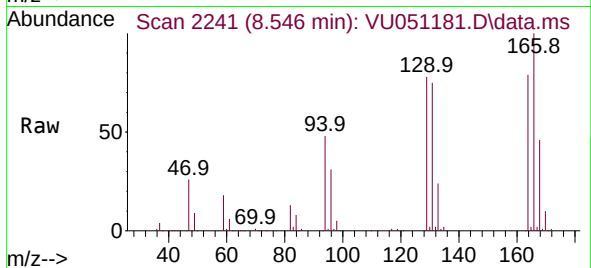
Ion Ratio Lower Upper

97 100

99 15.8 44.4 82.4#

83 302.5 61.7 114.5#

85 42.8 40.4 75.0



#46

Tetrachloroethene

Concen: 127.087 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051181.D

Acq: 06 Oct 2022 18:55

Tgt Ion:164 Resp: 303801

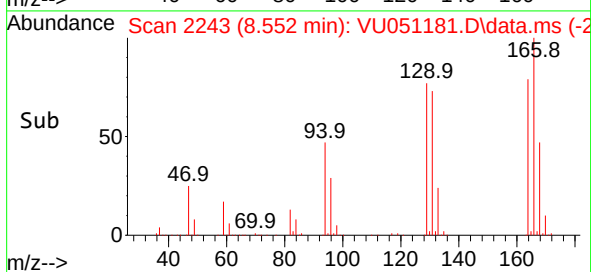
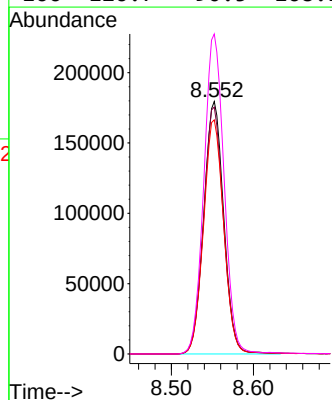
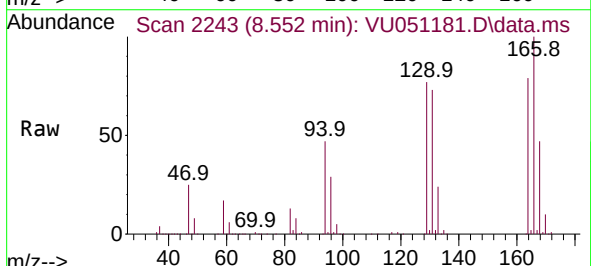
Ion Ratio Lower Upper

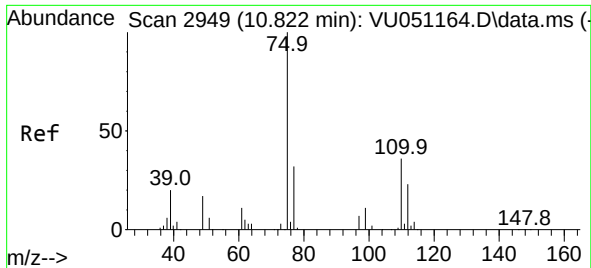
164 100

129 97.8 68.1 126.5

131 92.7 67.8 126.0

166 126.7 90.5 168.1





#60
 1,2,3-Trichloropropane
 Concen: 4.876 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051181.D
 Acq: 06 Oct 2022 18:55

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J10

Tgt Ion: 75 Resp: 18432
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 110 1.3 30.0 45.0#

