

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056820.D
 Acq On : 13 Dec 2023 06:14
 Operator : MD/SY
 Sample : 05684-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J0

Quant Time: Dec 13 07:04:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

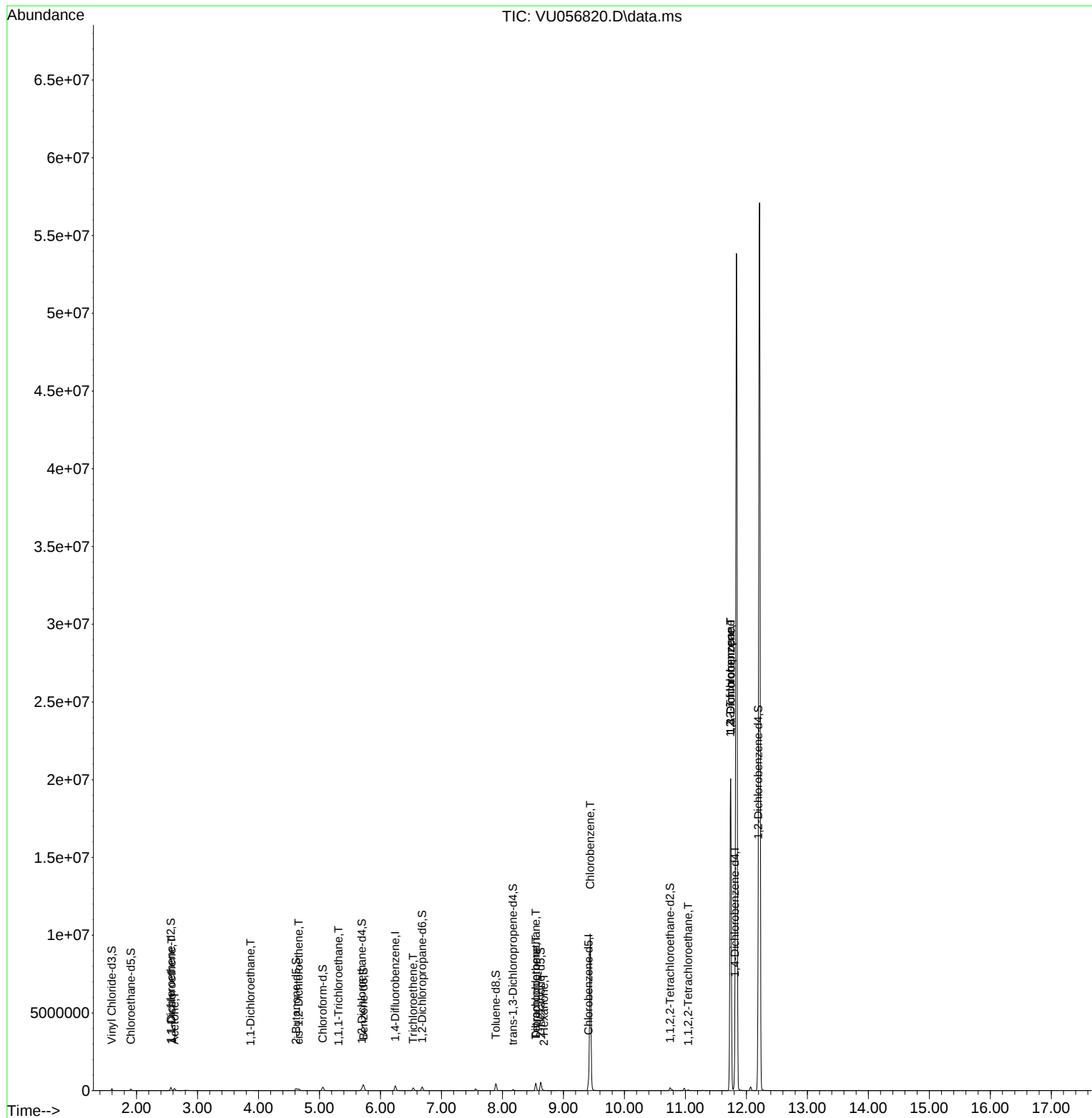
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	249426	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	254390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	141778	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85538	4.001	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.907	69	73907	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	37355	4.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.615	46	204464	48.426	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.860%
24) Chloroform-d	5.055	84	187237	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	91368	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.721	84	361708	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.685	67	112849	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	302234	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.174	79	39590	4.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.627	63	181240	50.174	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	92246	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	123822	4.443	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	3128	0.154	ug/L	# 1
13) Acetone	2.621	43	160118	62.228	ug/L	97
19) 1,1-Dichloroethane	3.869	63	10560	0.267	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	43329	1.940	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	4563	0.124	ug/L	97
34) Trichloroethene	6.537	95	64813	2.643	ug/L	98
47) Tetrachloroethene	8.550	164	101224	5.898	ug/L	96
48) 2-Hexanone	8.682	43	5931	0.767	ug/L	# 62
49) Dibromochloromethane	8.547	129	104168	5.861	ug/L	# 11
51) Chlorobenzene	9.441	112	5217515	88.494	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.045	83	11682	0.625	ug/L	# 26
61) 1,2,3-Trichloropropane	11.740	75	2759928	181.297	ug/L	# 49
64) 1,3-Dichlorobenzene	11.743	146	7851499	148.174	ug/L	99
65) 1,4-Dichlorobenzene	11.743	146	7851499	150.482	ug/L	99

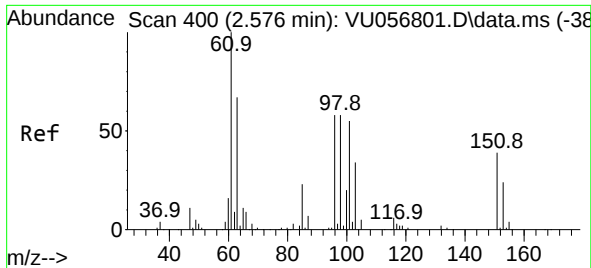
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
Data File : VU056820.D
Acq On : 13 Dec 2023 06:14
Operator : MD/SY
Sample : 05684-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E06J0

Quant Time: Dec 13 07:04:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.154 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Instrument :

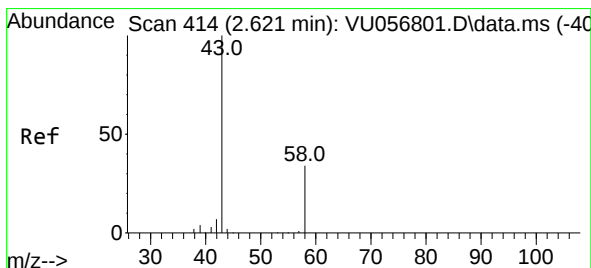
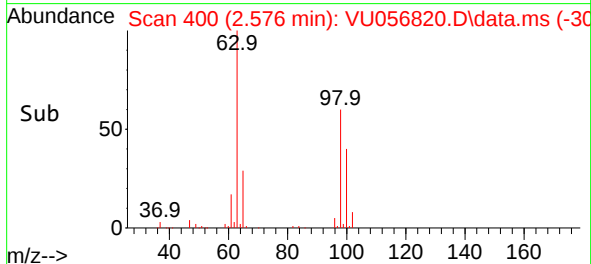
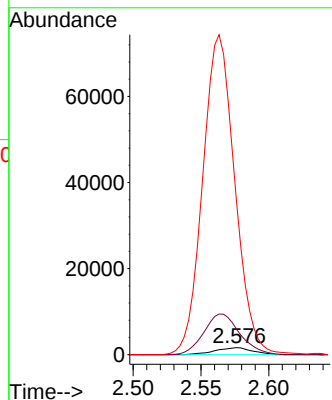
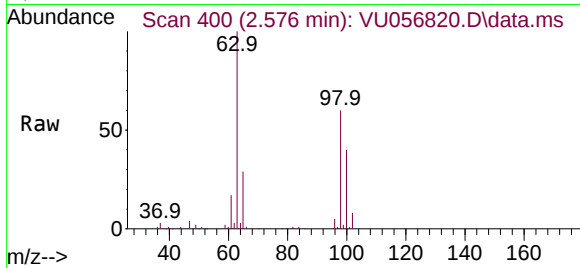
MSVOA_U

ClientSampleId :

E06J0

Tgt Ion: 96 Resp: 3128

Ion	Ratio	Lower	Upper
96	100		
61	359.3	119.0	221.0#
63	2157.1	88.7	164.7#



#13

Acetone

Concen: 62.228 ug/L

RT: 2.621 min Scan# 414

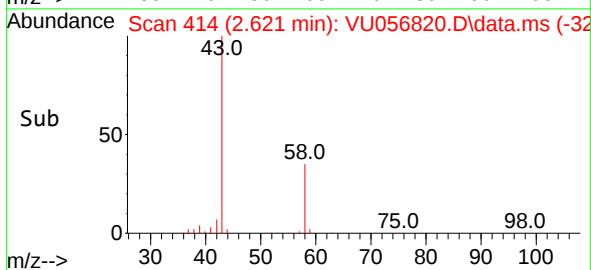
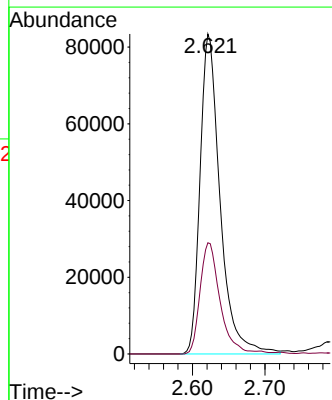
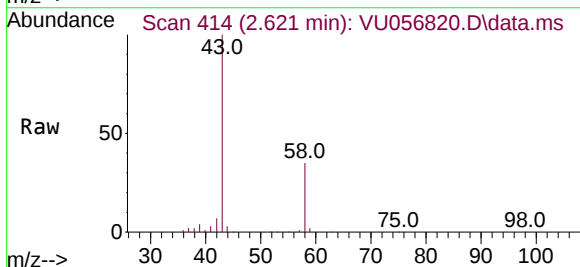
Delta R.T. 0.000 min

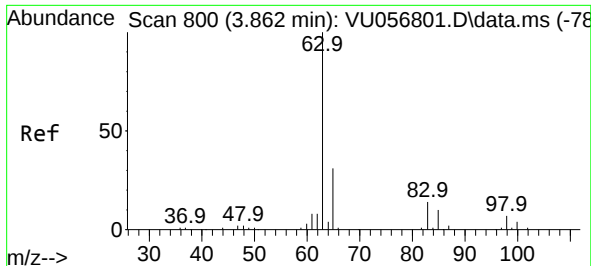
Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Tgt Ion: 43 Resp: 160118

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	72.6





#19

1,1-Dichloroethane

Concen: 0.267 ug/L

RT: 3.869 min Scan# 80

Delta R.T. 0.007 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Instrument :

MSVOA_U

ClientSampleId :

E06J0

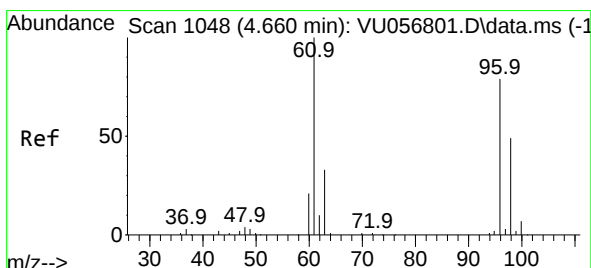
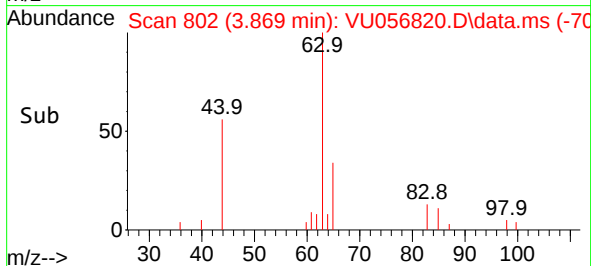
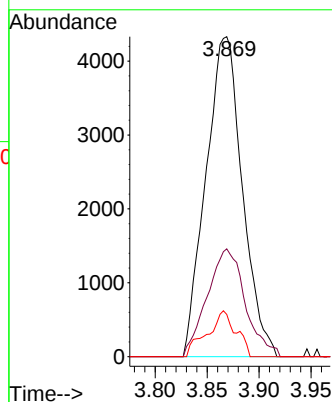
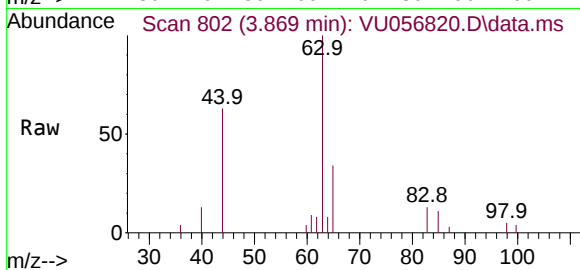
Tgt Ion: 63 Resp: 10560

Ion Ratio Lower Upper

63 100

65 33.7 22.9 42.5

83 13.2 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 1.940 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

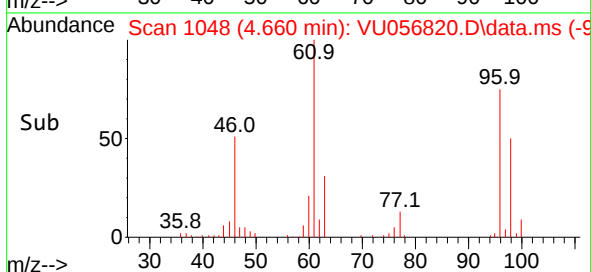
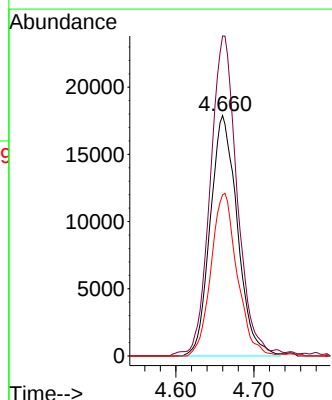
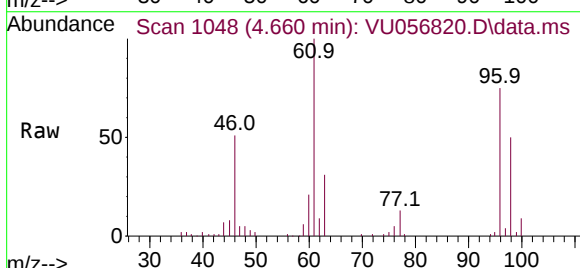
Tgt Ion: 96 Resp: 43329

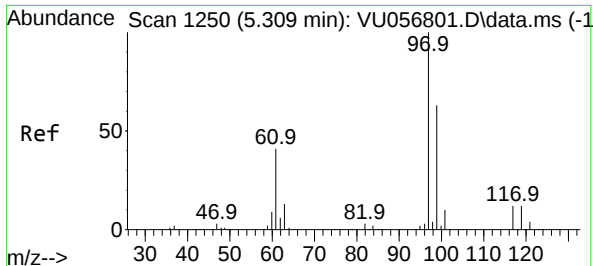
Ion Ratio Lower Upper

96 100

61 133.1 91.3 169.6

98 67.0 44.2 82.0





#29

1,1,1-Trichloroethane

Concen: 0.124 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Instrument :

MSVOA_U

ClientSampleId :

E06J0

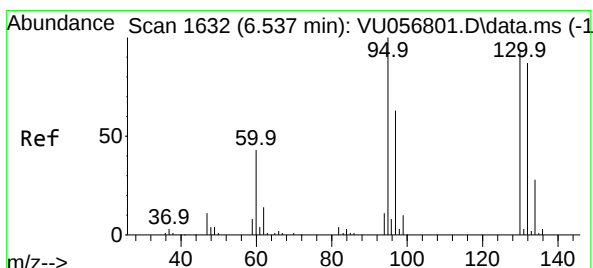
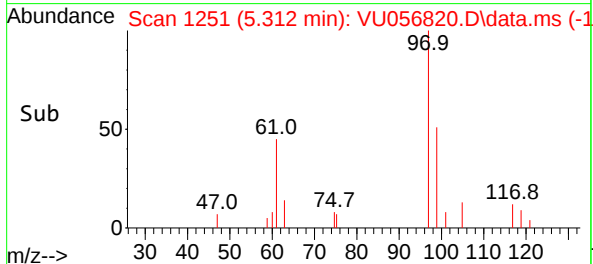
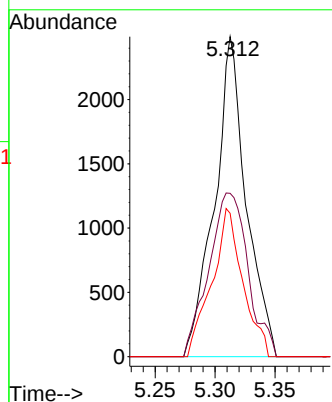
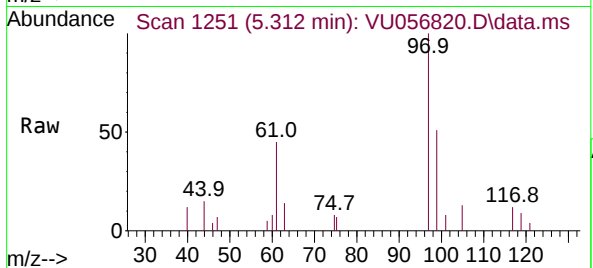
Tgt Ion: 97 Resp: 4563

Ion Ratio Lower Upper

97 100

99 63.4 52.5 78.7

61 45.3 34.2 51.2



#34

Trichloroethene

Concen: 2.643 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Tgt Ion: 95 Resp: 64813

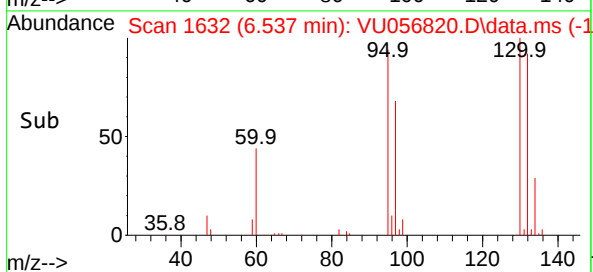
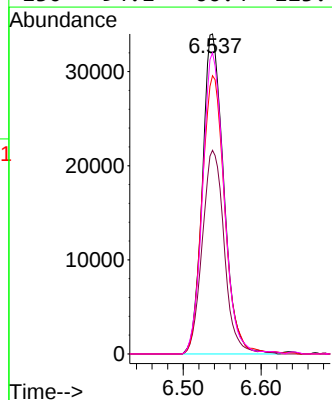
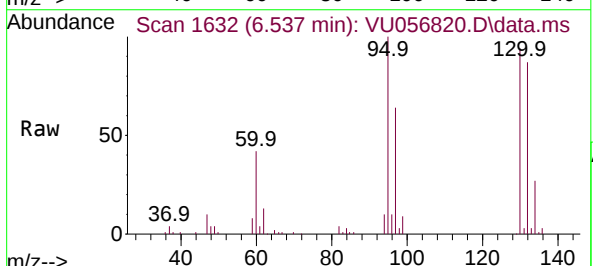
Ion Ratio Lower Upper

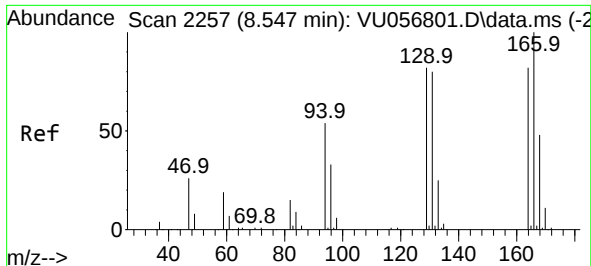
95 100

97 63.7 46.1 85.5

132 86.9 63.6 118.0

130 94.1 66.4 123.4





#47

Tetrachloroethene

Concen: 5.898 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Instrument :

MSVOA_U

ClientSampleId :

E06J0

Tgt Ion:164 Resp: 101224

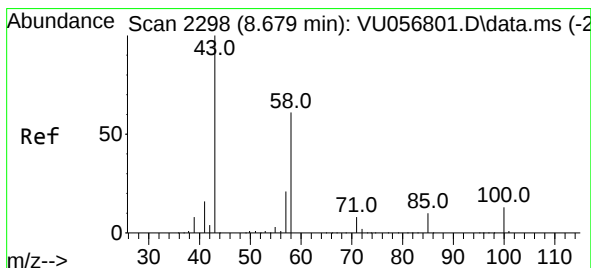
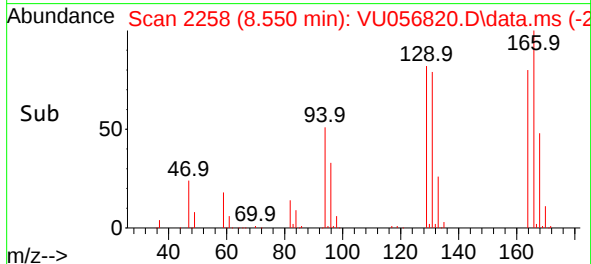
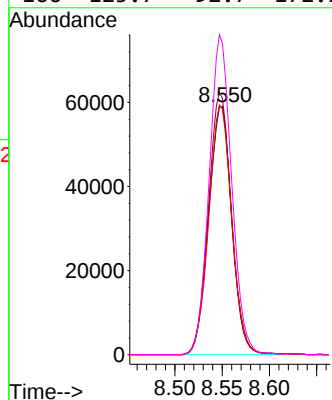
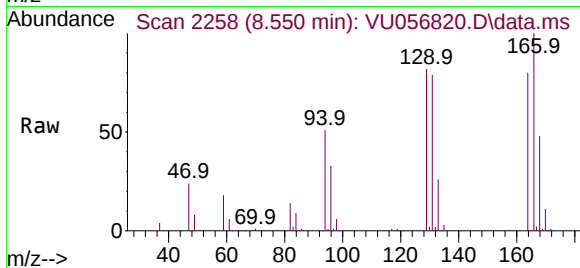
Ion Ratio Lower Upper

164 100

129 103.3 73.4 136.4

131 99.1 71.5 132.9

166 125.7 92.7 172.1



#48

2-Hexanone

Concen: 0.767 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.003 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Tgt Ion: 43 Resp: 5931

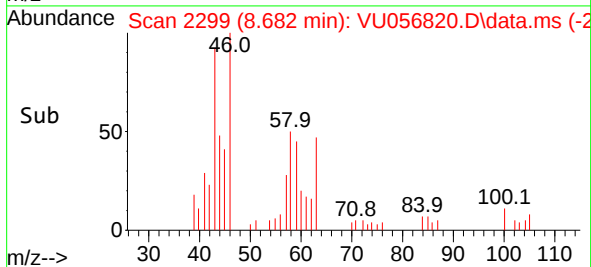
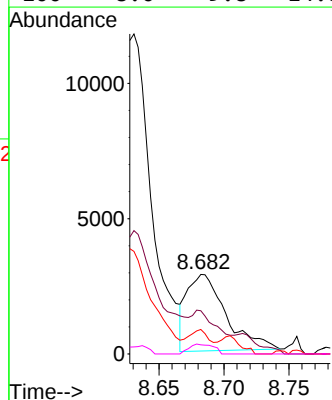
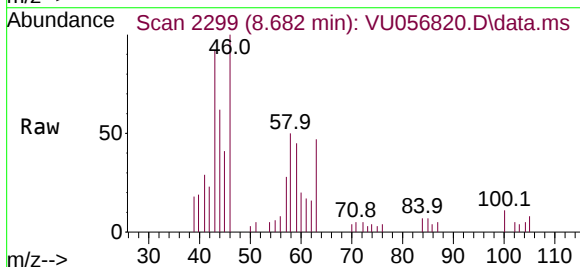
Ion Ratio Lower Upper

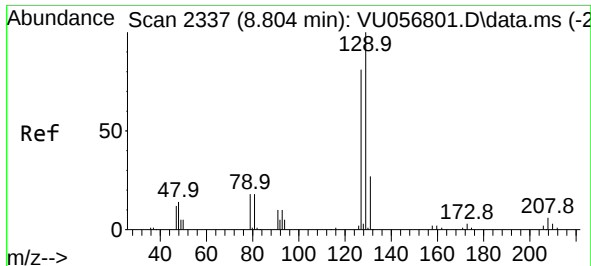
43 100

58 18.6 47.5 71.3#

57 17.5 17.0 25.4

100 8.0 9.8 14.8#





#49

Dibromochloromethane

Concen: 5.861 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Instrument :

MSVOA_U

ClientSampleId :

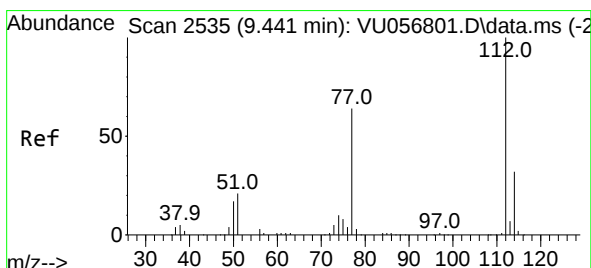
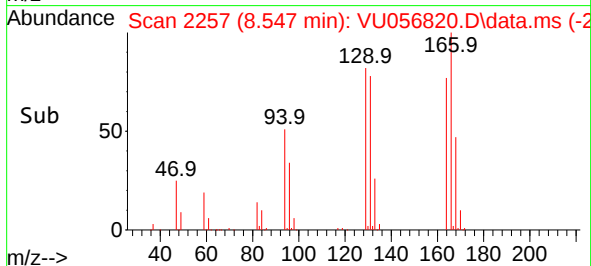
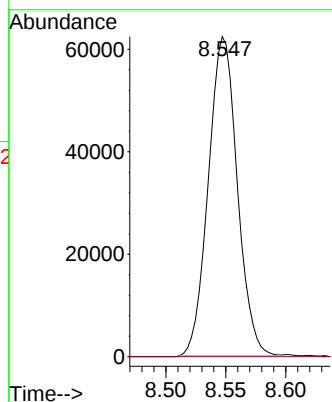
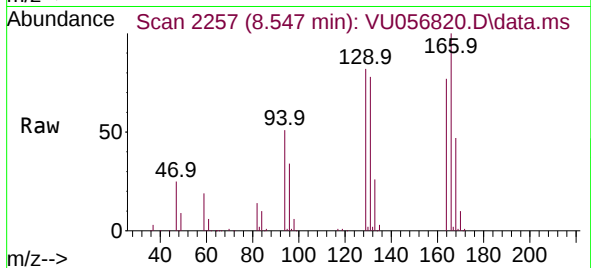
E06J0

Tgt Ion:129 Resp: 104168

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#51

Chlorobenzene

Concen: 88.494 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

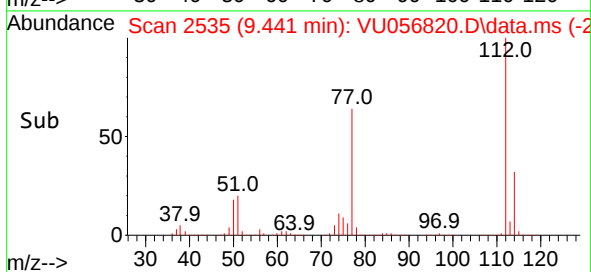
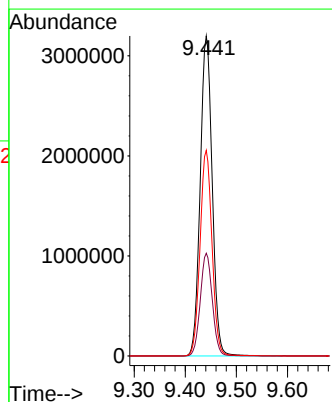
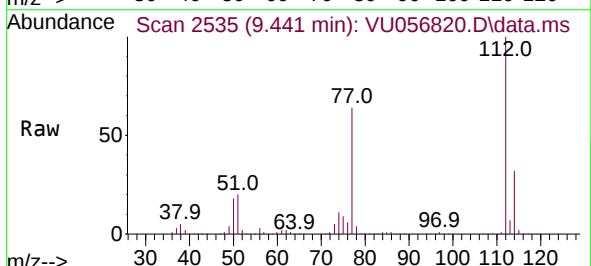
Tgt Ion:112 Resp: 5217515

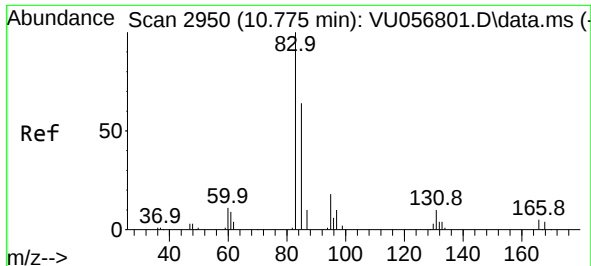
Ion Ratio Lower Upper

112 100

114 32.1 21.9 40.7

77 64.3 51.6 77.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.625 ug/L

RT: 11.045 min Scan# 3034

Delta R.T. 0.270 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Instrument :

MSVOA_U

ClientSampleId :

E06J0

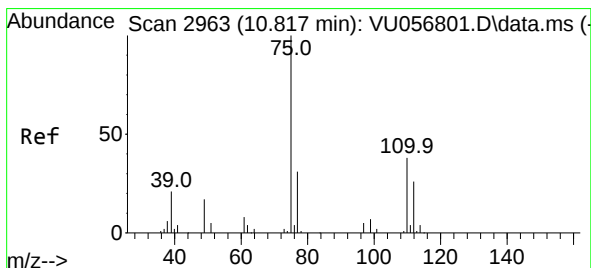
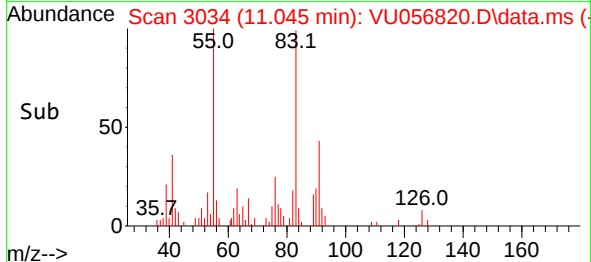
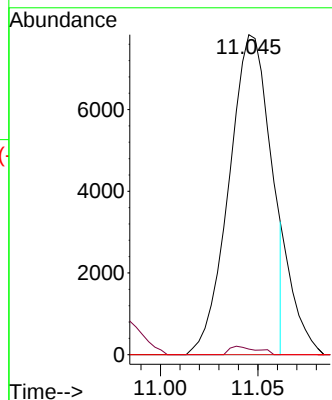
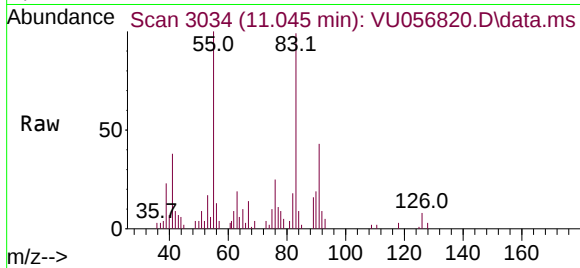
Tgt Ion: 83 Resp: 11682

Ion Ratio Lower Upper

83 100

85 1.7 45.4 84.4#

131 0.0 6.6 9.8#



#61

1,2,3-Trichloropropane

Concen: 181.297 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.923 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

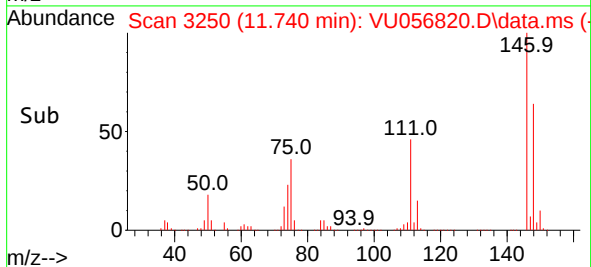
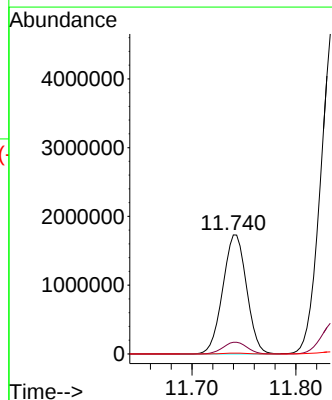
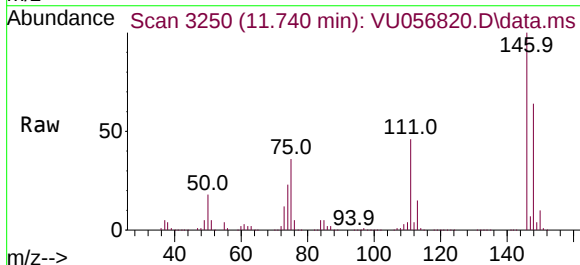
Tgt Ion: 75 Resp: 2759928

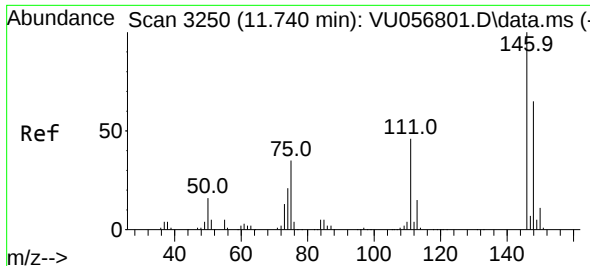
Ion Ratio Lower Upper

75 100

110 10.0 28.4 42.6#

77 0.0 26.3 39.5#

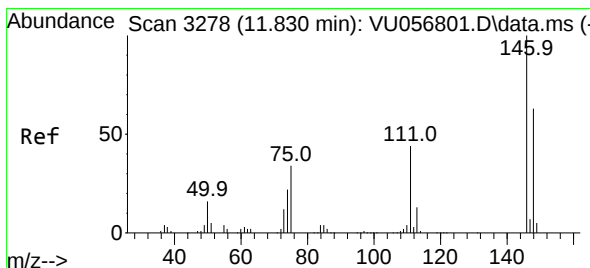
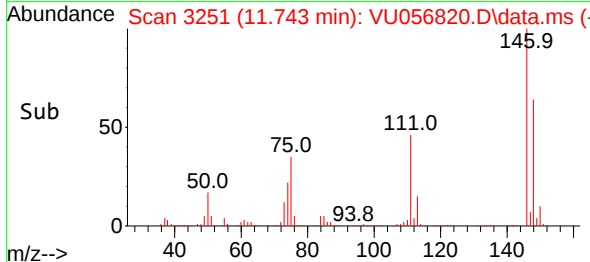
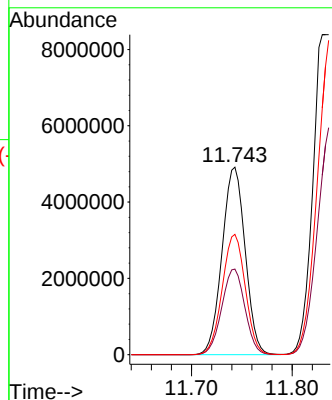
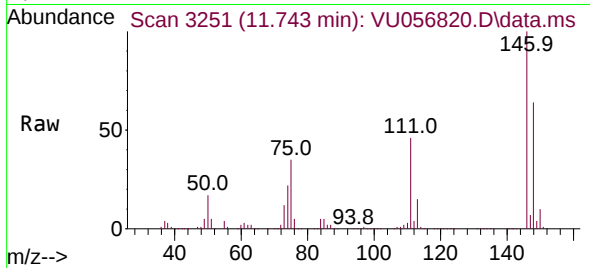




#64
1,3-Dichlorobenzene
Concen: 148.174 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056820.D
Acq: 13 Dec 2023 06:14

Instrument :
MSVOA_U
ClientSampleId :
E06J0

Tgt Ion:146 Resp: 7851499
Ion Ratio Lower Upper
146 100
111 45.7 31.7 58.9
148 64.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 150.482 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.087 min
Lab File: VU056820.D
Acq: 13 Dec 2023 06:14

Tgt Ion:146 Resp: 7851499
Ion Ratio Lower Upper
146 100
111 45.7 31.2 58.0
148 64.1 45.6 84.8

