

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
 Data File : VW021229.D
 Acq On : 08 Dec 2021 14:55
 Operator : SY/VA
 Sample : M4883-04RE
 Misc : 4.99g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 23:02:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 22:58:53 2021
 Response via : Initial Calibration

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

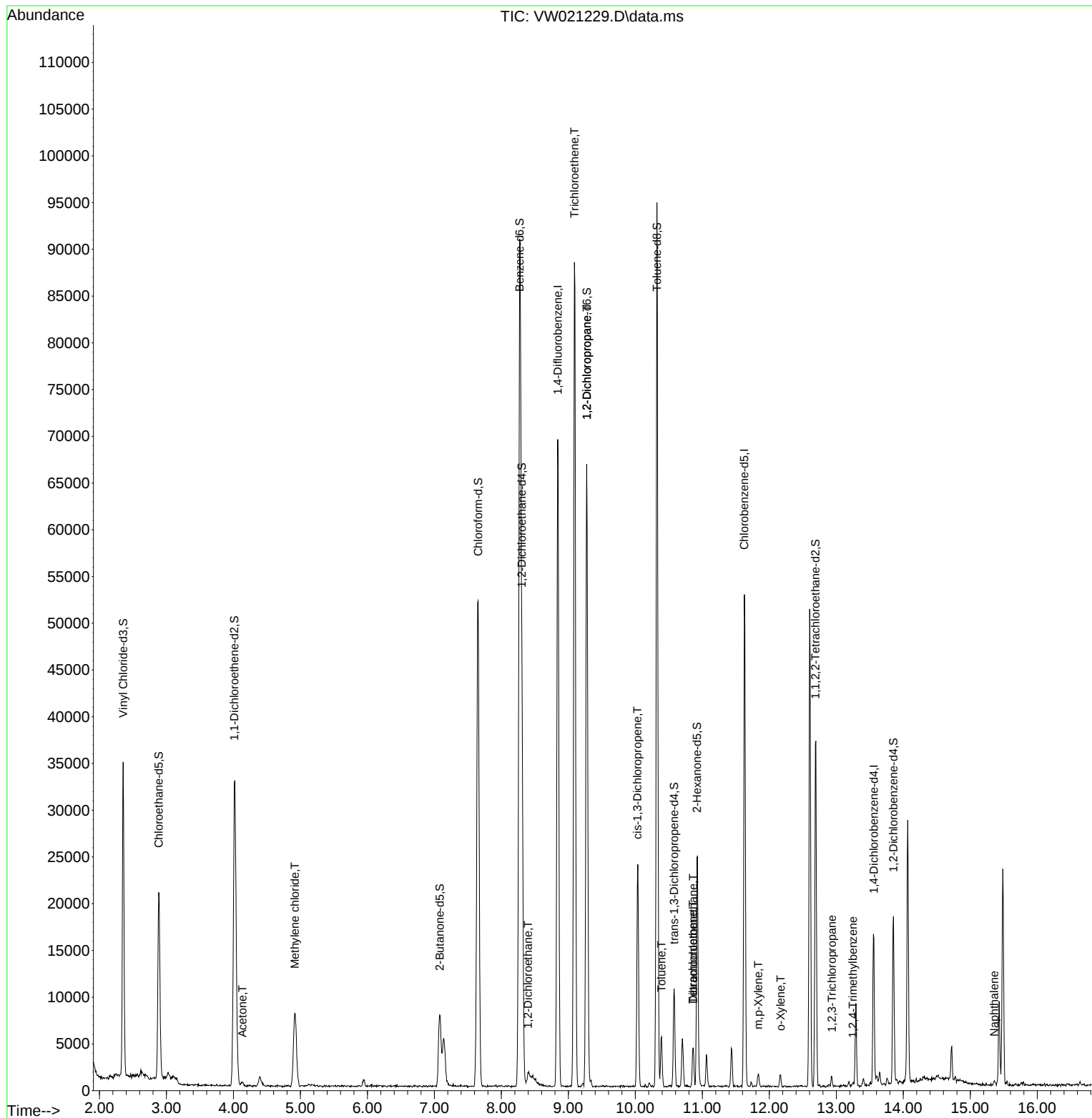
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	59524	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	28807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4471	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	31918	38.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 153.960%#	
7) Chloroethane-d5	2.885	69	23780	42.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 171.320%#	
11) 1,1-Dichloroethene-d2	4.013	63	30562	23.068	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.280%	
21) 2-Butanone-d5	7.080	46	13764	72.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 145.520%#	
24) Chloroform-d	7.653	84	52144	34.980	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 139.920%	
26) 1,2-Dichloroethane-d4	8.305	65	28465	34.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 139.600%#	
32) Benzene-d6	8.275	84	91679	62.243	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 248.960%#	
36) 1,2-Dichloropropane-d6	9.274	67	27995	68.393	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 273.560%#	
41) Toluene-d8	10.323	98	59423	39.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 157.400%#	
43) trans-1,3-Dichloroprop...	10.579	79	5827	31.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 125.400%	
47) 2-Hexanone-d5	10.920	63	8121	103.698	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 207.400%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	16922	44.687	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 178.760%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	4816	30.063	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 120.240%#	
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	878	5.095	ug/L	79
16) Methylene chloride	4.915	84	6508	6.940	ug/L	81
27) 1,2-Dichloroethane	8.397	62	936	0.977	ug/L #	77
34) Trichloroethene	9.092	95	28486	63.031	ug/L	89
37) 1,2-Dichloropropane	9.274	63	3501	9.456	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	696	1.162	ug/L #	77
42) Toluene	10.390	91	4230	2.261	ug/L	90
46) Tetrachloroethene	10.859	164	1003	2.424	ug/L	88
49) Dibromochloromethane	10.866	129	838	2.160	ug/L #	10
53) m,p-Xylene	11.835	106	543	0.623	ug/L	97
54) o-Xylene	12.170	106	476	0.579	ug/L	71
61) 1,2,3-Trichloropropane	12.932	75	133	1.776	ug/L #	40
63) 1,2,4-Trimethylbenzene	13.249	105	500	0.955	ug/L	87
71) Naphthalene	15.359	128	725	2.207	ug/L #	69

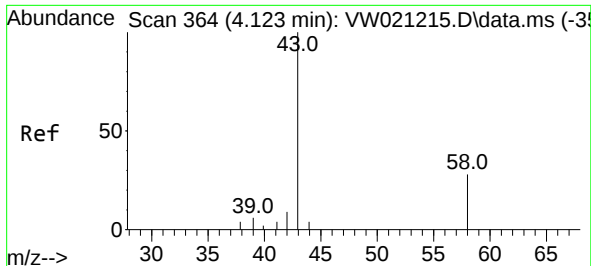
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Dec 08 22:58:53 2021
Response via : Initial Calibration





#13

Acetone

Concen: 5.095 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW021229.D

Acq: 08 Dec 2021 14:55

Instrument :

MSVOA_W

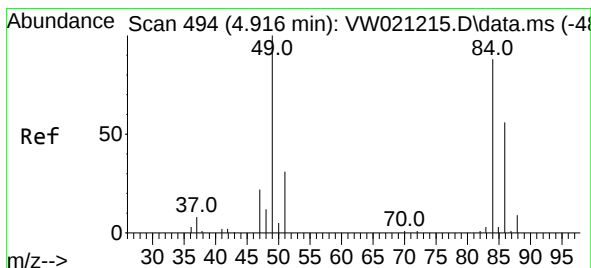
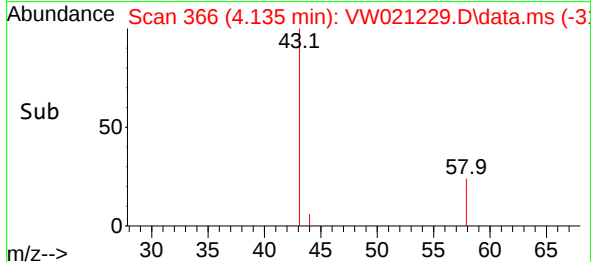
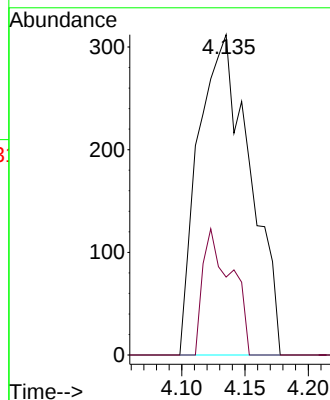
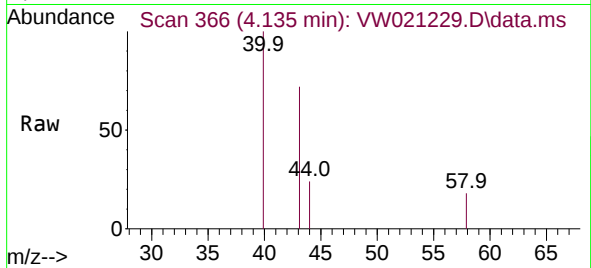
ClientSampleId :

Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

58 15.6 0.0 52.8



#16

Methylene chloride

Concen: 6.940 ug/L

RT: 4.915 min Scan# 494

Delta R.T. -0.000 min

Lab File: VW021229.D

Acq: 08 Dec 2021 14:55

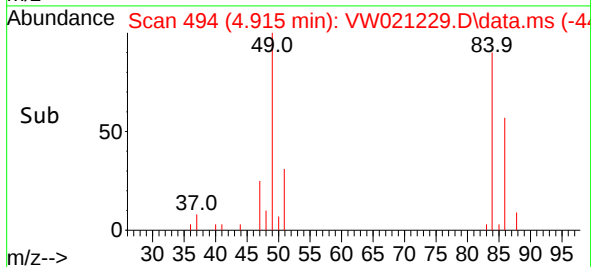
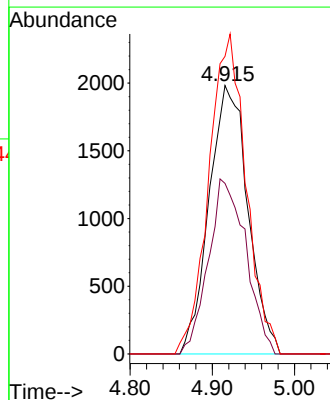
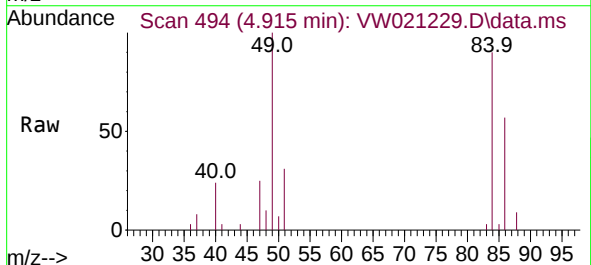
Tgt Ion: 84 Resp: 6508

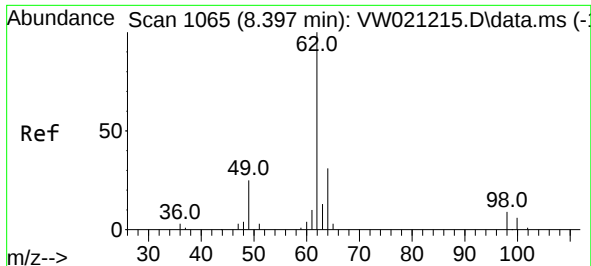
Ion Ratio Lower Upper

84 100

86 63.5 45.5 84.5

49 110.8 100.5 186.7





#27

1,2-Dichloroethane

Concen: 0.977 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW021229.D

Acq: 08 Dec 2021 14:55

Instrument :

MSVOA_W

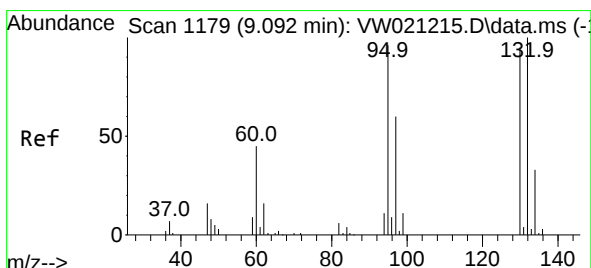
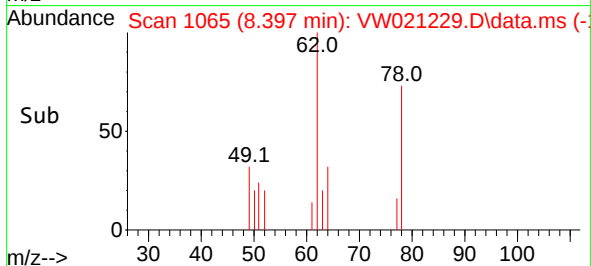
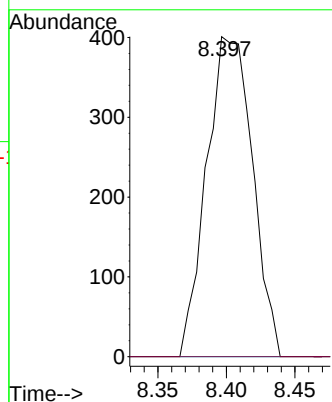
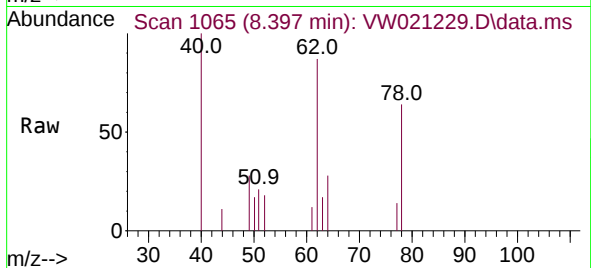
ClientSampleId :

Tgt Ion: 62 Resp: 936

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 63.031 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021229.D

Acq: 08 Dec 2021 14:55

Tgt Ion: 95 Resp: 28486

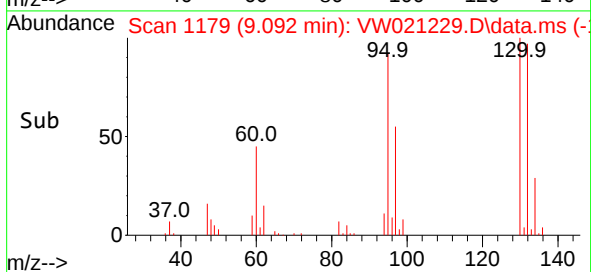
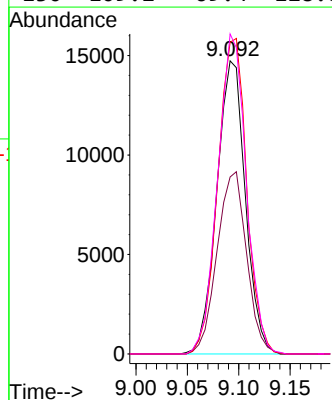
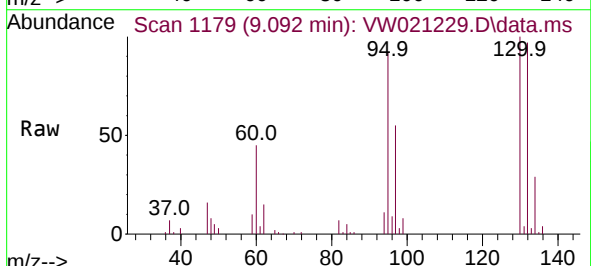
Ion Ratio Lower Upper

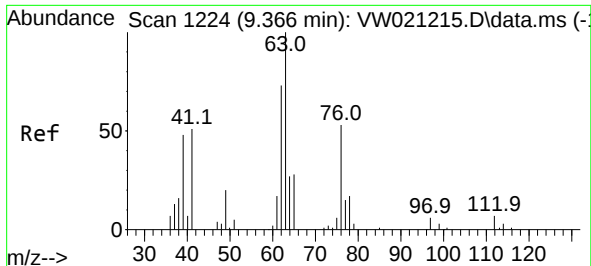
95 100

97 60.4 47.0 87.2

132 106.3 65.5 121.6

130 109.2 69.4 128.8





#37

1,2-Dichloropropane

Concen: 9.456 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021229.D

Acq: 08 Dec 2021 14:55

Instrument :

MSVOA_W

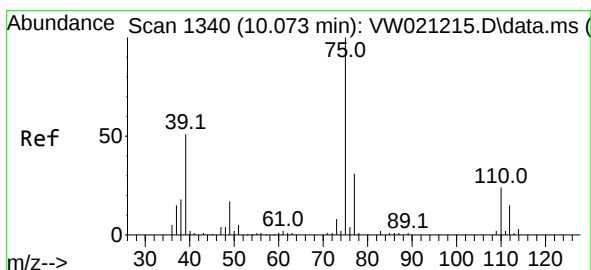
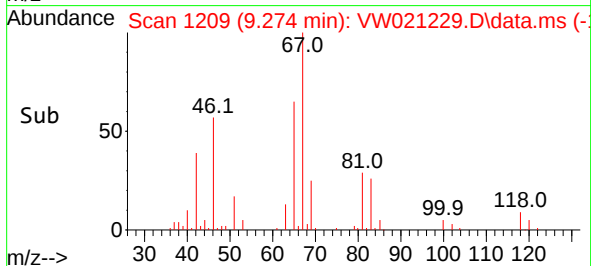
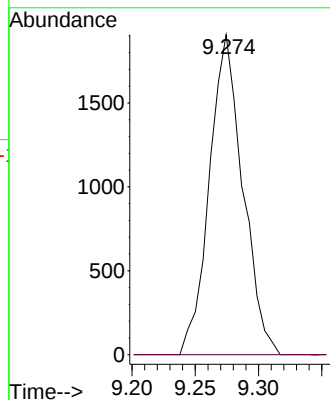
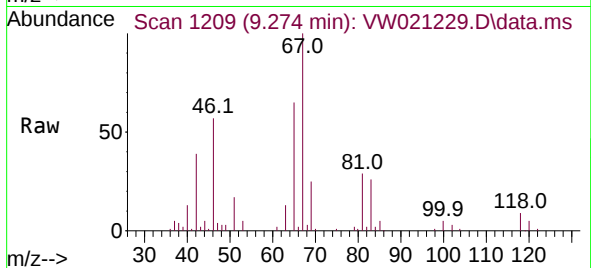
ClientSampleId :

Tgt Ion: 63 Resp: 3501

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 1.162 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021229.D

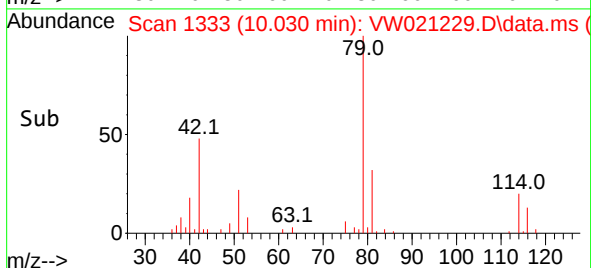
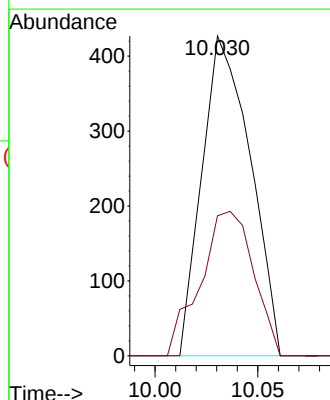
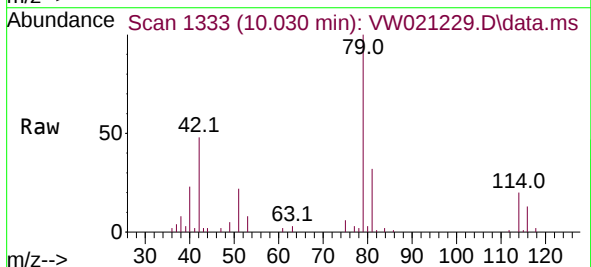
Acq: 08 Dec 2021 14:55

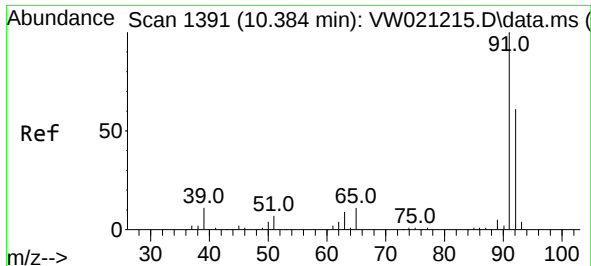
Tgt Ion: 75 Resp: 696

Ion Ratio Lower Upper

75 100

77 43.8 21.8 40.6#

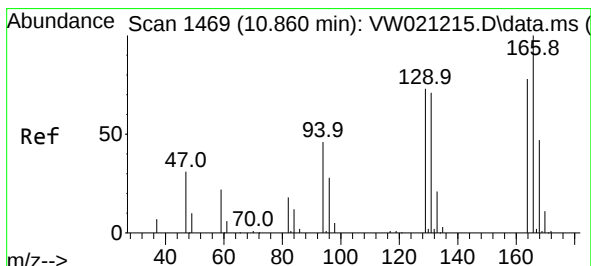
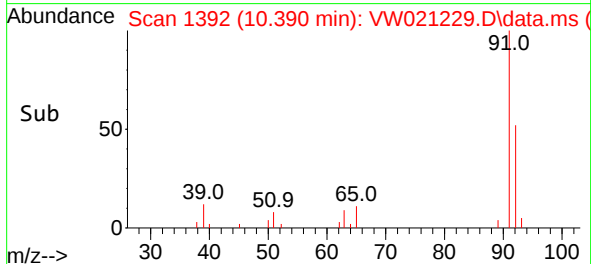
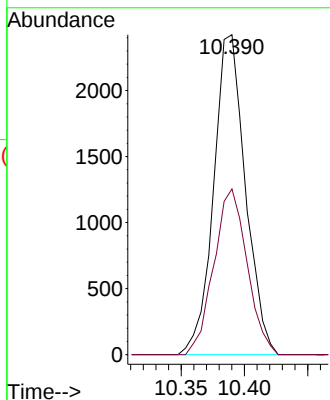
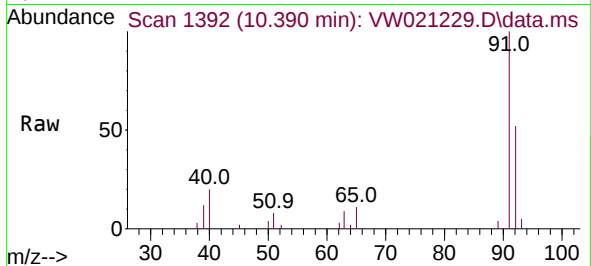




#42
Toluene
Concen: 2.261 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

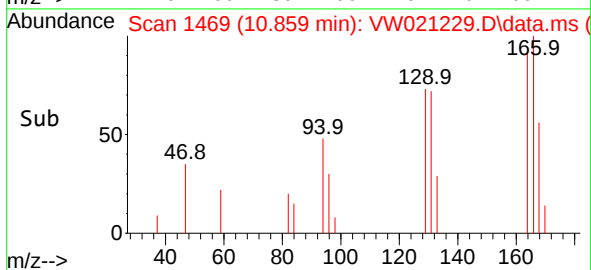
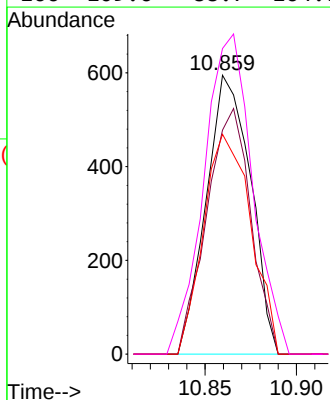
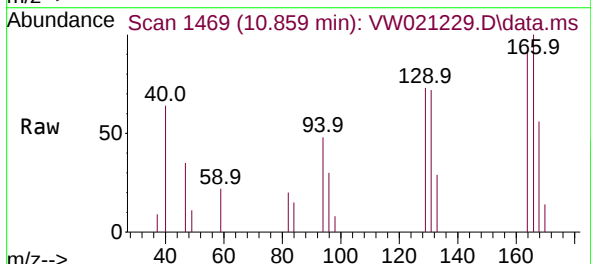
Instrument :
MSVOA_W
ClientSampleId :

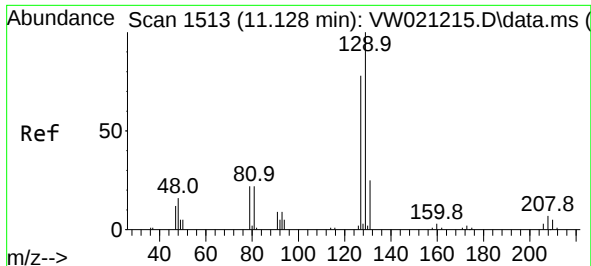
Tgt Ion: 91 Resp: 4230
Ion Ratio Lower Upper
91 100
92 51.8 41.7 77.5



#46
Tetrachloroethene
Concen: 2.424 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

Tgt Ion: 164 Resp: 1003
Ion Ratio Lower Upper
164 100
129 80.3 65.5 121.7
131 78.8 59.7 110.9
166 109.6 88.7 164.7





#49

Dibromochloromethane

Concen: 2.160 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW021229.D

Acq: 08 Dec 2021 14:55

Instrument :

MSVOA_W

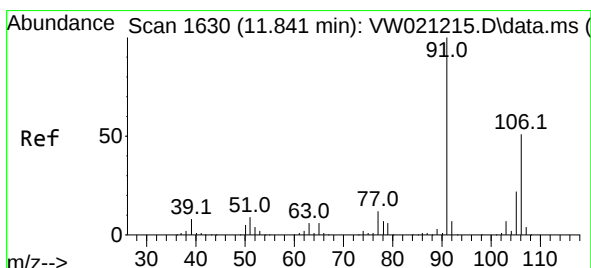
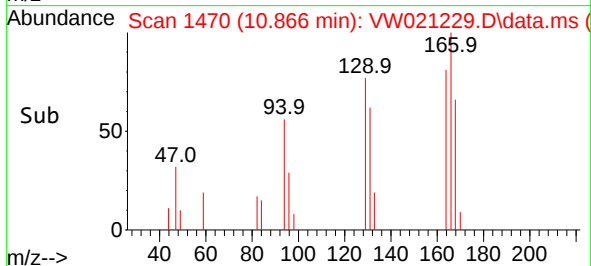
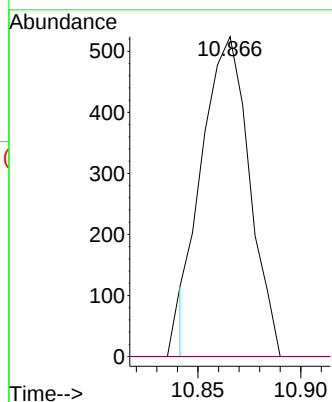
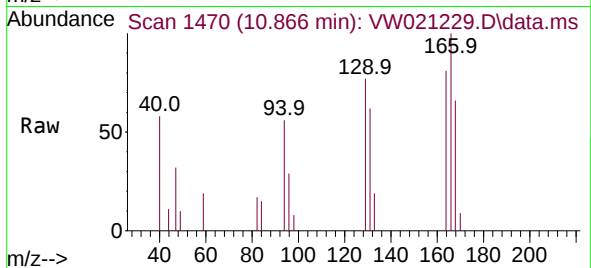
ClientSampleId :

Tgt Ion:129 Resp: 838

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#53

m,p-Xylene

Concen: 0.623 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021229.D

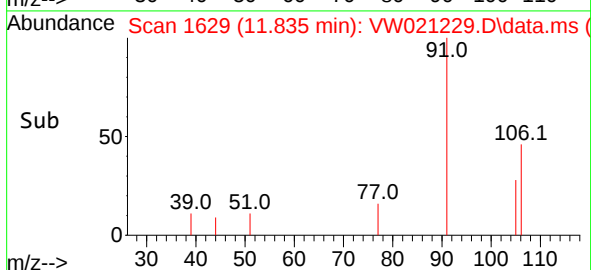
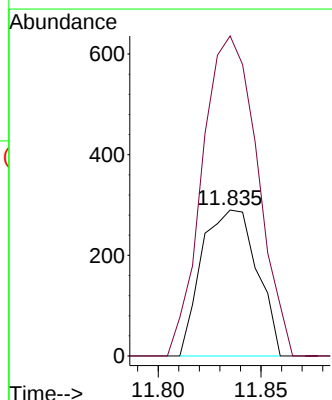
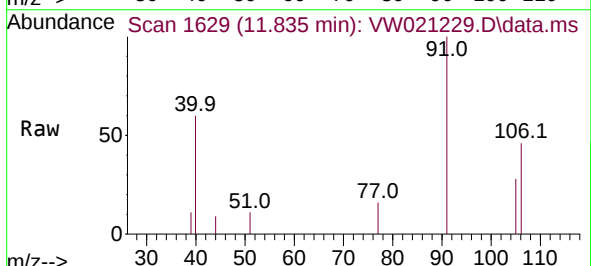
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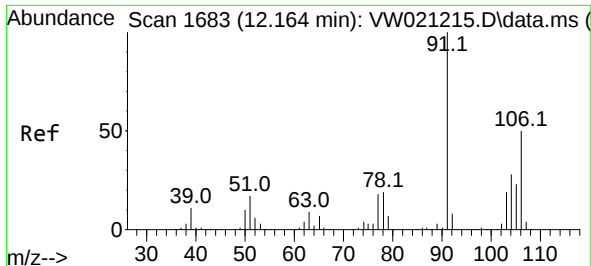
Tgt Ion:106 Resp: 543

Ion Ratio Lower Upper

106 100

91 219.3 149.9 278.3

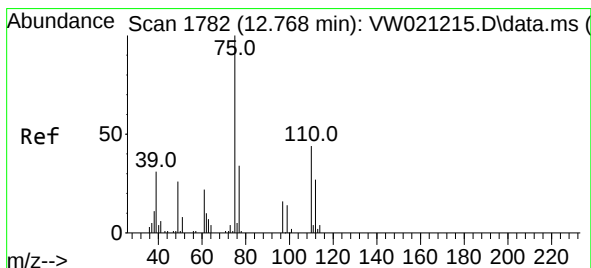
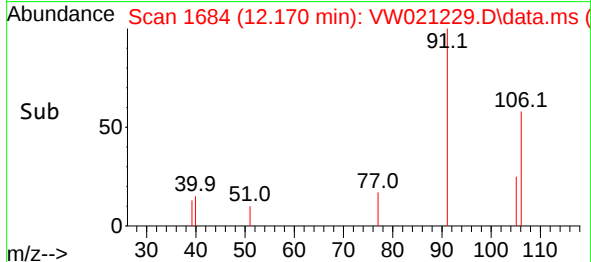
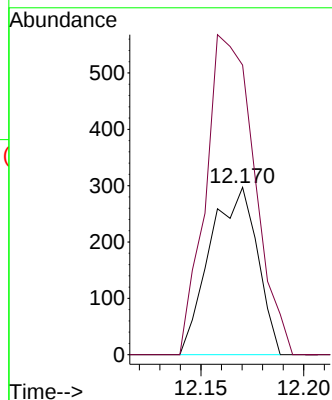
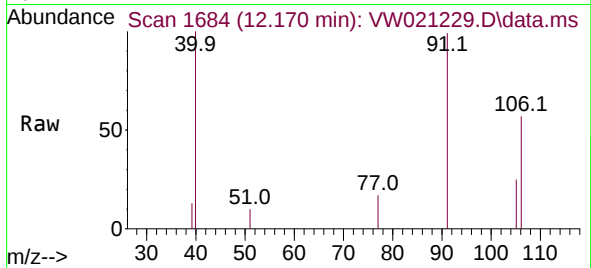




#54
o-Xylene
Concen: 0.579 ug/L
RT: 12.170 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

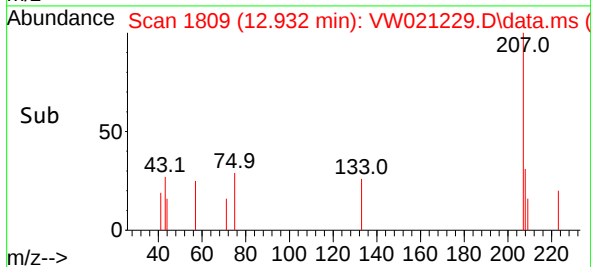
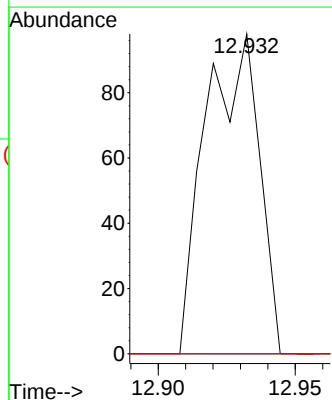
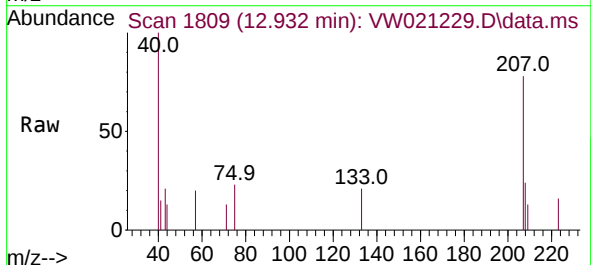
Instrument :
MSVOA_W
ClientSampleId :

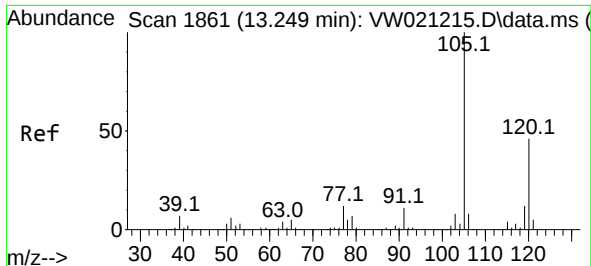
Tgt Ion:106 Resp: 476
Ion Ratio Lower Upper
106 100
91 173.1 153.6 285.3



#61
1,2,3-Trichloropropane
Concen: 1.776 ug/L
RT: 12.932 min Scan# 1809
Delta R.T. 0.164 min
Lab File: VW021229.D
Acq: 08 Dec 2021 14:55

Tgt Ion: 75 Resp: 133
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 0.0 29.0 43.4#





#63

1,2,4-Trimethylbenzene

Concen: 0.955 ug/L

RT: 13.249 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021229.D

Acq: 08 Dec 2021 14:55

Instrument :

MSVOA_W

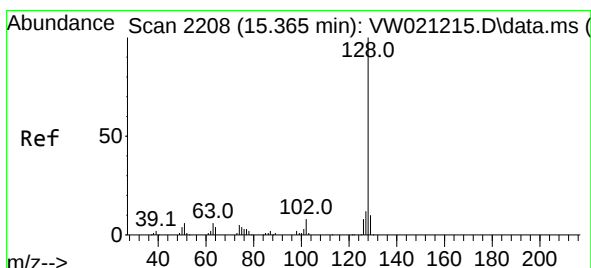
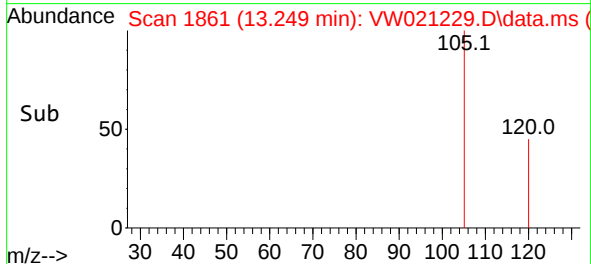
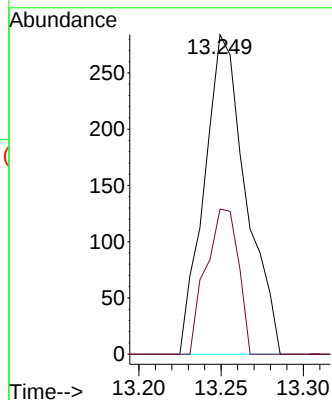
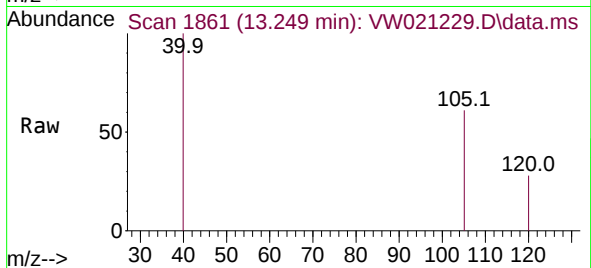
ClientSampleId :

Tgt Ion:105 Resp: 500

Ion Ratio Lower Upper

105 100

120 35.2 35.0 52.6



#71

Naphthalene

Concen: 2.207 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021229.D

Acq: 08 Dec 2021 14:55

Tgt Ion:128 Resp: 725

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.6 12.8#

