

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
 Data File : VW021794.D
 Acq On : 07 Jan 2022 23:29
 Operator : SY/VA
 Sample : N1053-24
 Misc : 6.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLL1

Quant Time: Jan 08 01:05:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 07 22:46:04 2022
 Response via : Initial Calibration

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

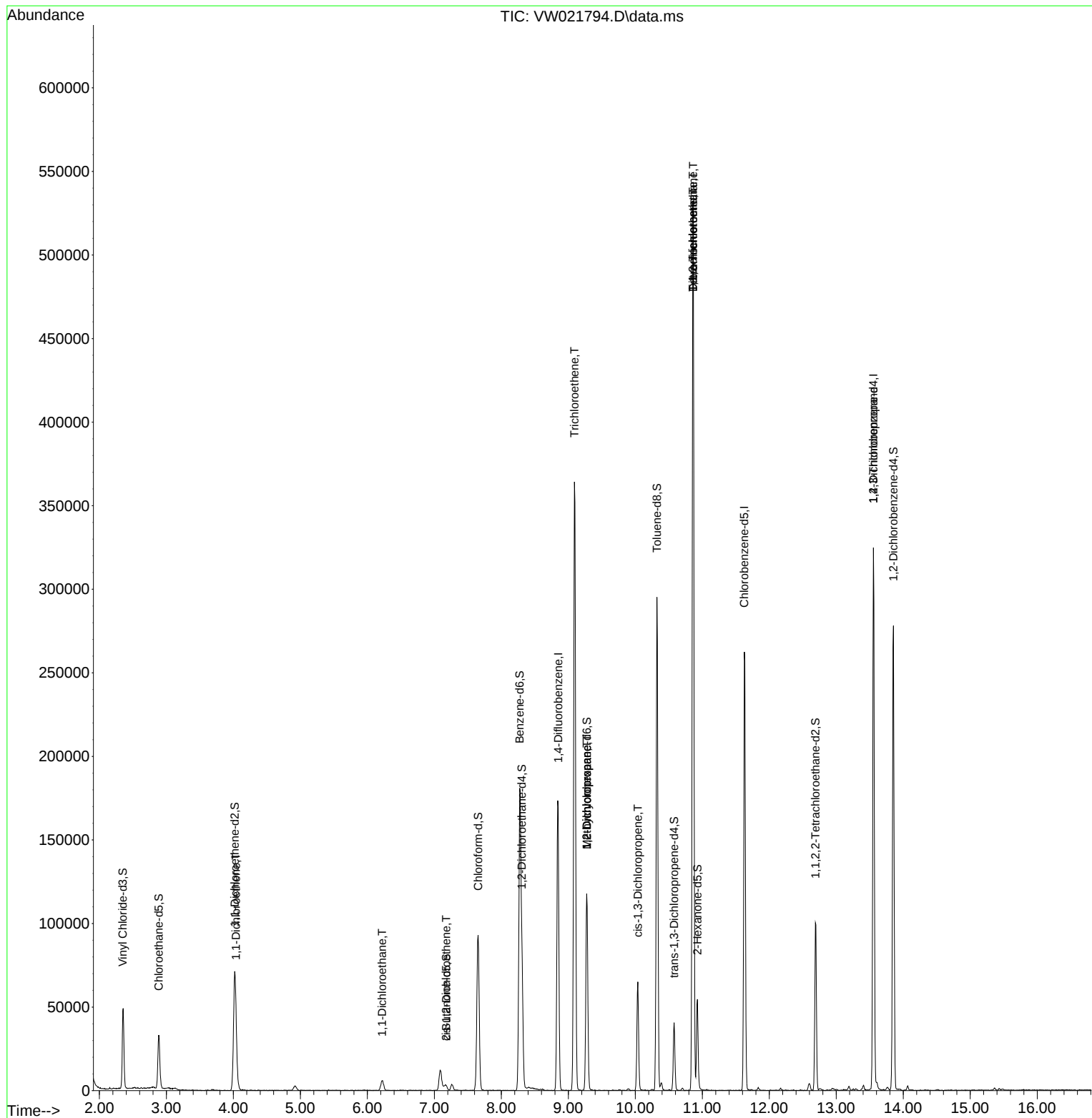
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	160380	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	157107	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	89598	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46637	14.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.000%
7) Chloroethane-d5	2.885	69	34882	16.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.520%
11) 1,1-Dichloroethene-d2	4.019	63	63102	13.636	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.560%
21) 2-Butanone-d5	7.177	46	278	0.601	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.200%#
24) Chloroform-d	7.653	84	95653	19.093	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.360%
26) 1,2-Dichloroethane-d4	8.305	65	52013	19.662	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.640%
32) Benzene-d6	8.275	84	195704	20.979	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.920%
36) 1,2-Dichloropropane-d6	9.274	67	53379	21.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.360%
41) Toluene-d8	10.323	98	199416	21.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.840%
43) trans-1,3-Dichloroprop...	10.579	79	22086	17.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.760%
47) 2-Hexanone-d5	10.927	63	18741	48.831	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	47103	22.577	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	79201	23.116	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.480%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.038	96	5451	2.296	ug/L #	1
19) 1,1-Dichloroethane	6.220	63	8054	2.058	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	1503	0.577	ug/L #	50
34) Trichloroethene	9.092	95	121105	44.504	ug/L	89
35) Methylcyclohexane	9.274	83	14673	3.268	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	6360	2.994	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1818	0.524	ug/L #	51
45) 1,1,2-Trichloroethane	10.860	97	1114	0.631	ug/L #	7
46) Tetrachloroethene	10.860	164	125355	49.191	ug/L	95
49) Dibromochloromethane	10.866	129	108350	45.701	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	8956	6.532	ug/L #	69

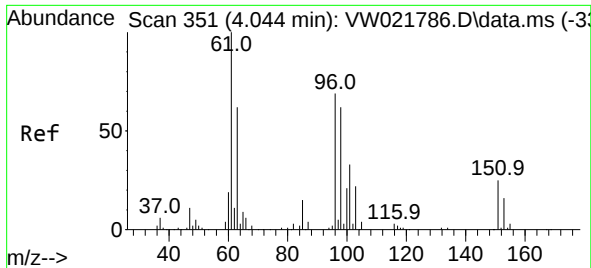
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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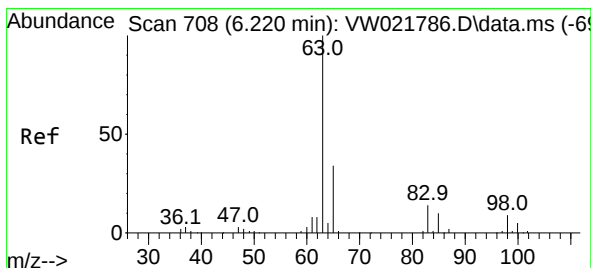
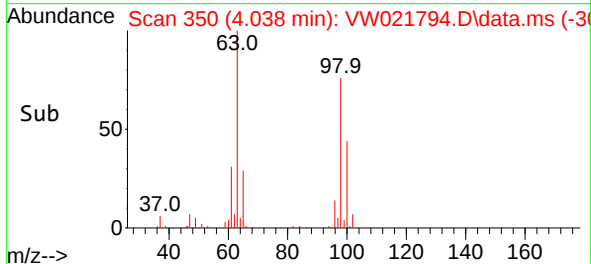
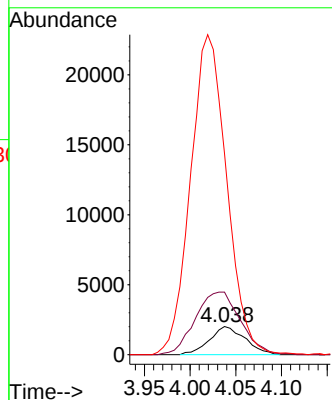
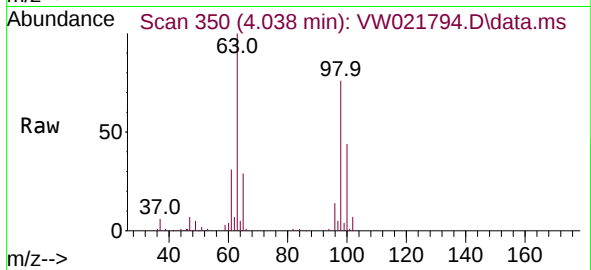




#12
 1,1-Dichloroethene
 Concen: 2.296 ug/L
 RT: 4.038 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW021794.D
 Acq: 07 Jan 2022 23:29

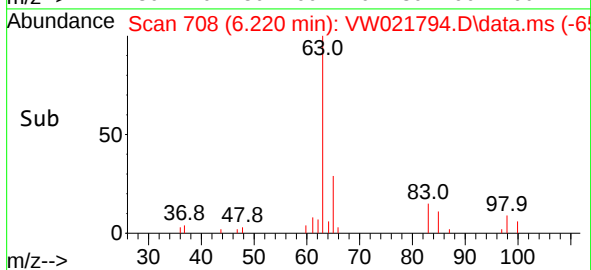
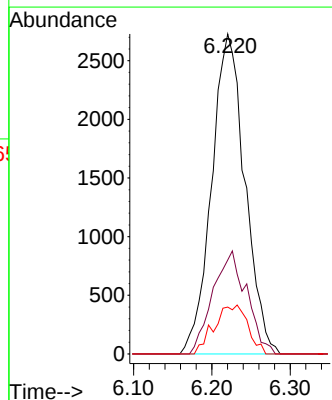
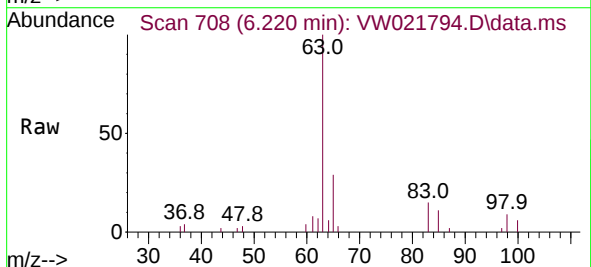
Instrument :
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 ClientSampleId :
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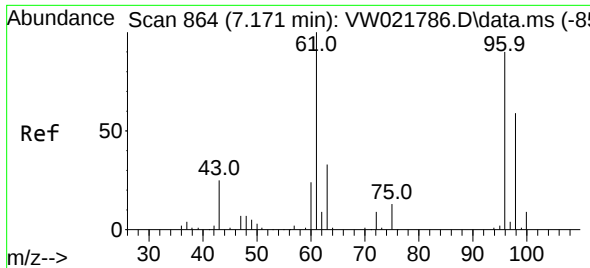
Tgt Ion: 96 Resp: 5451
 Ion Ratio Lower Upper
 96 100
 61 221.6 138.3 256.9
 63 713.2 82.6 153.4#



#19
 1,1-Dichloroethane
 Concen: 2.058 ug/L
 RT: 6.220 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: VW021794.D
 Acq: 07 Jan 2022 23:29

Tgt Ion: 63 Resp: 8054
 Ion Ratio Lower Upper
 63 100
 65 29.3 22.1 41.1
 83 14.6 9.2 17.2

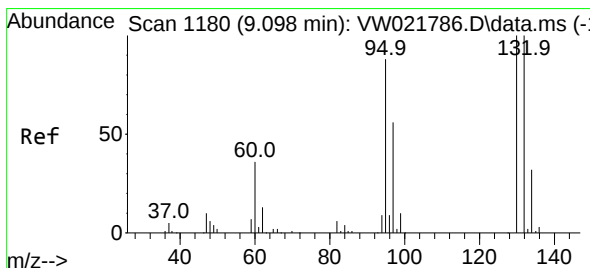
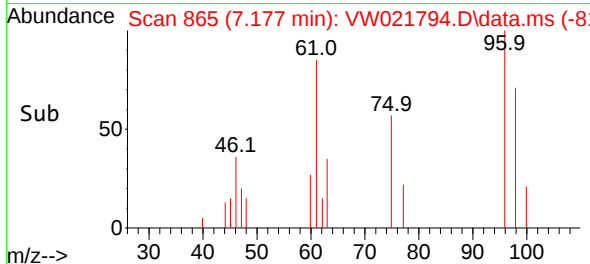
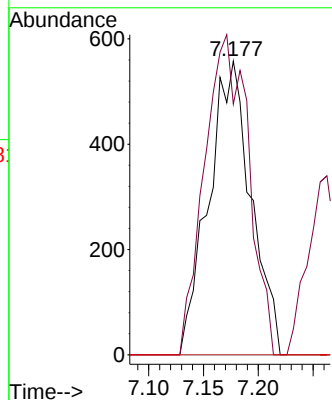
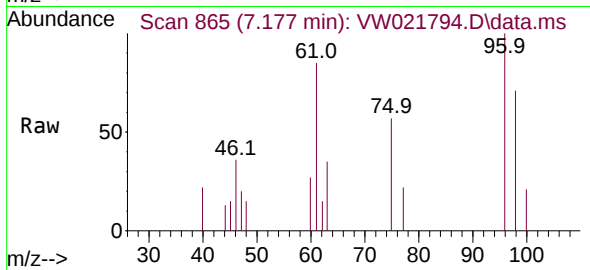




#20
 cis-1,2-Dichloroethene
 Concen: 0.577 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW021794.D
 Acq: 07 Jan 2022 23:29

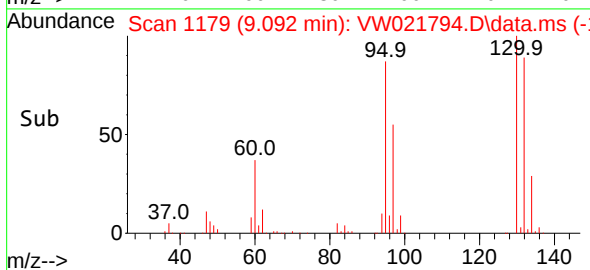
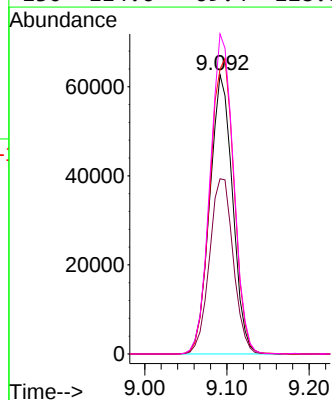
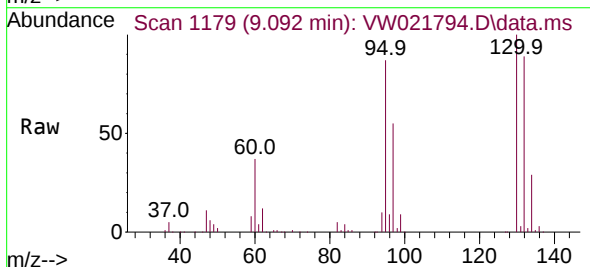
Instrument :
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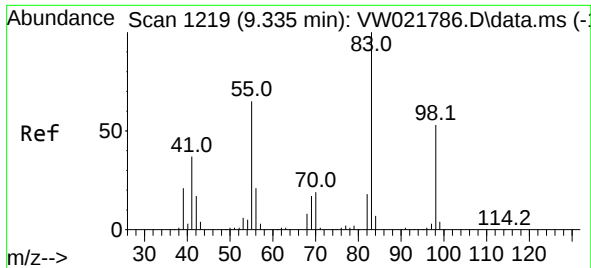
Tgt Ion: 96 Resp: 1503
 Ion Ratio Lower Upper
 96 100
 61 85.3 103.7 192.7#
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 44.504 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. -0.006 min
 Lab File: VW021794.D
 Acq: 07 Jan 2022 23:29

Tgt Ion: 95 Resp: 121105
 Ion Ratio Lower Upper
 95 100
 97 62.8 47.0 87.2
 132 102.0 65.5 121.6
 130 114.6 69.4 128.8

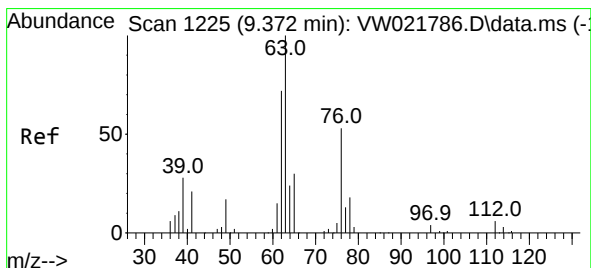
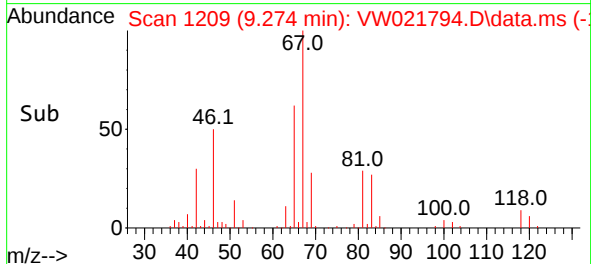
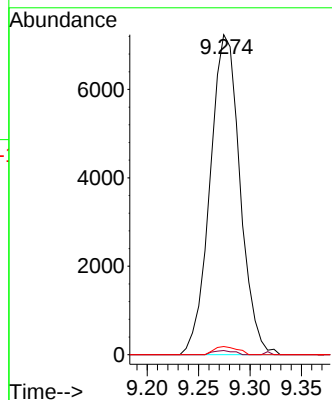
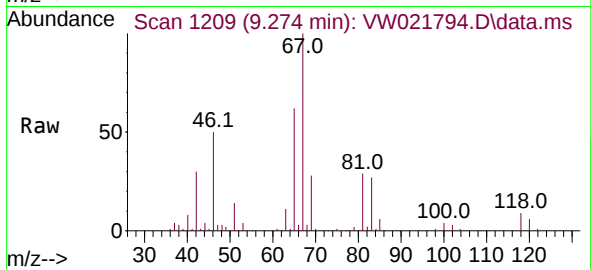




#35
Methylcyclohexane
Concen: 3.268 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021794.D
Acq: 07 Jan 2022 23:29

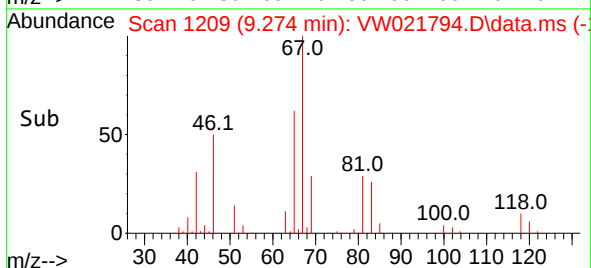
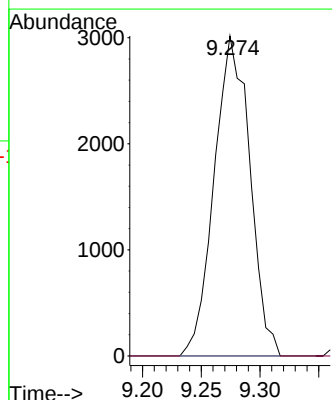
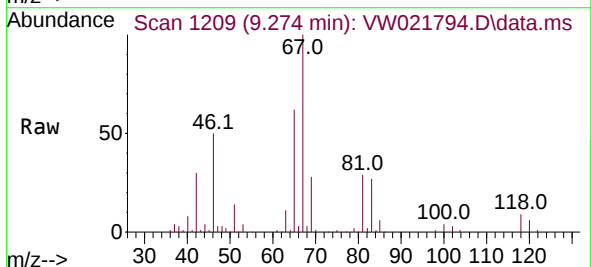
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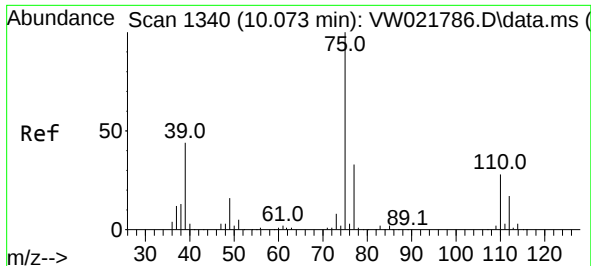
Tgt Ion: 83 Resp: 14673
Ion Ratio Lower Upper
83 100
55 0.9 70.8 106.2#
98 2.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 2.994 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021794.D
Acq: 07 Jan 2022 23:29

Tgt Ion: 63 Resp: 6360
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

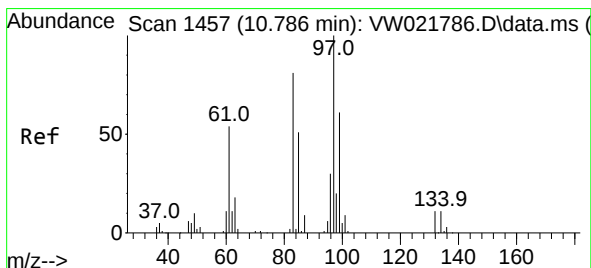
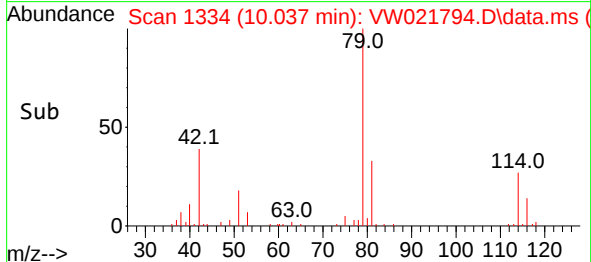
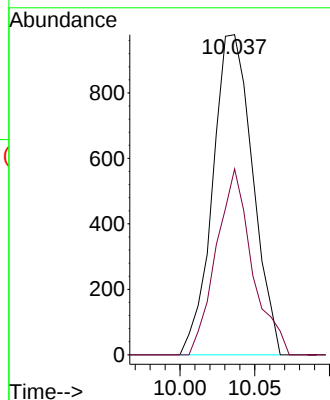
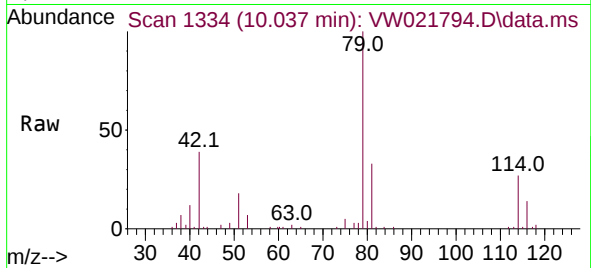




#39
cis-1,3-Dichloropropene
Concen: 0.524 ug/L
RT: 10.037 min Scan# 11
Delta R.T. -0.037 min
Lab File: VW021794.D
Acq: 07 Jan 2022 23:29

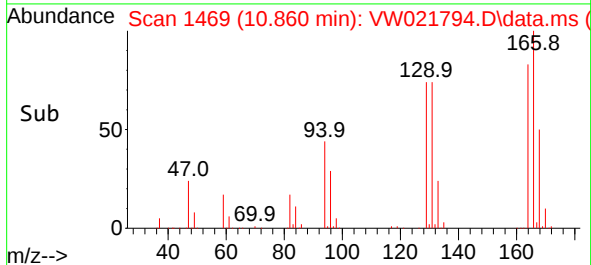
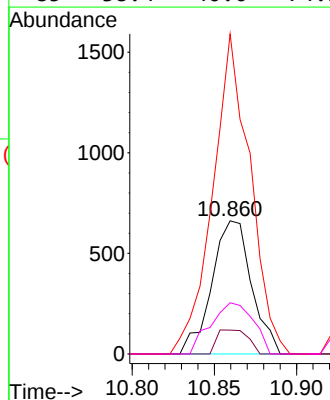
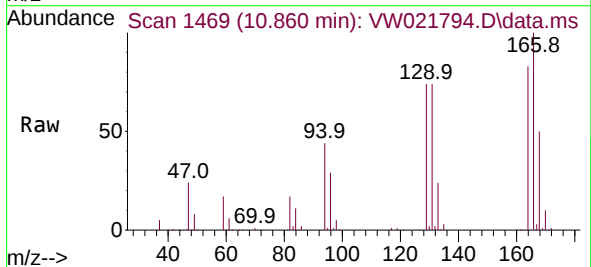
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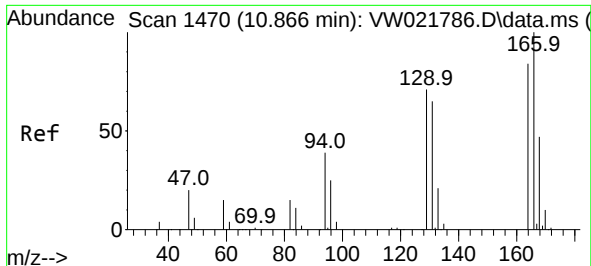
Tgt Ion: 75 Resp: 1818
Ion Ratio Lower Upper
75 100
77 58.1 21.8 40.6#



#45
1,1,2-Trichloroethane
Concen: 0.631 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.073 min
Lab File: VW021794.D
Acq: 07 Jan 2022 23:29

Tgt Ion: 97 Resp: 1114
Ion Ratio Lower Upper
97 100
99 17.8 43.0 79.8#
83 240.3 62.6 116.3#
85 38.4 40.0 74.2#

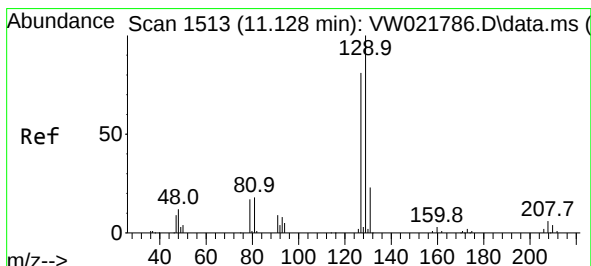
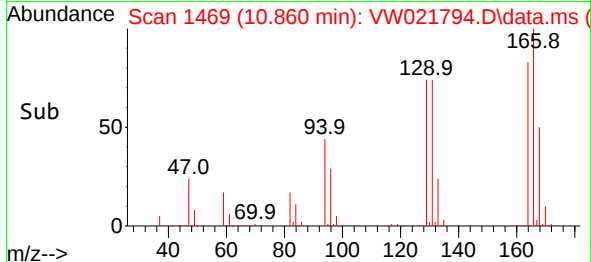
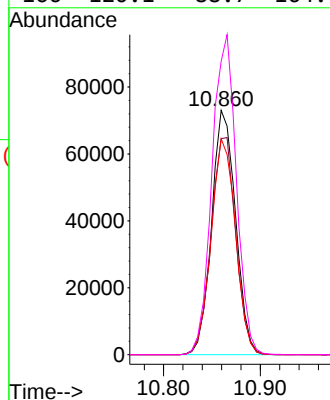
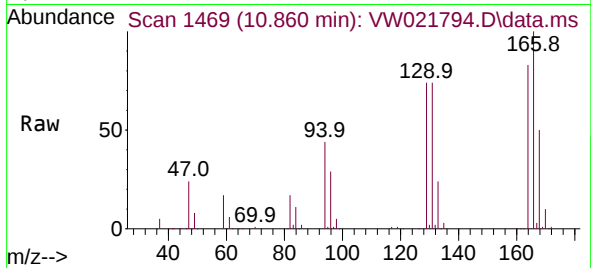




#46
Tetrachloroethene
Concen: 49.191 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW021794.D
Acq: 07 Jan 2022 23:29

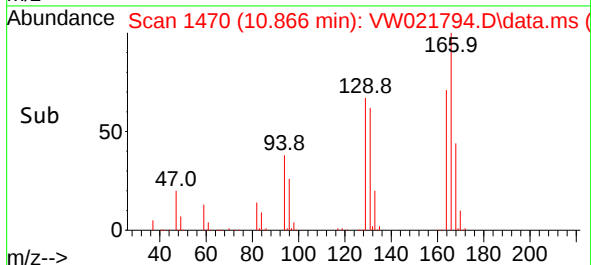
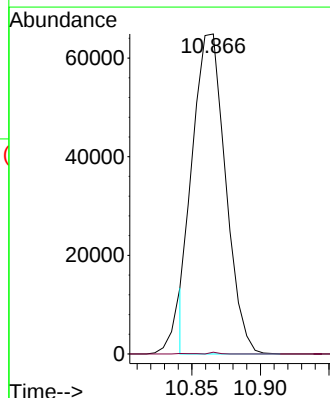
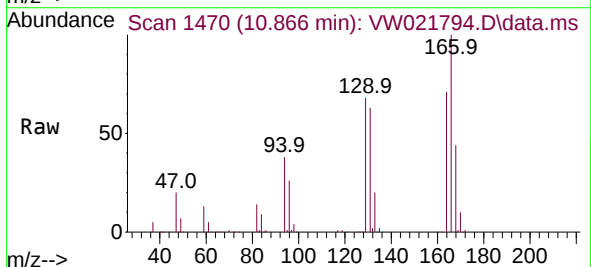
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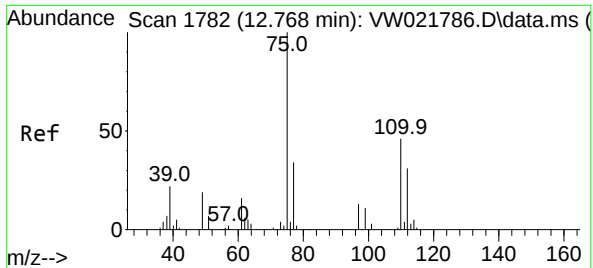
Tgt Ion:164 Resp: 125355
Ion Ratio Lower Upper
164 100
129 88.4 65.5 121.7
131 88.5 59.7 110.9
166 120.1 88.7 164.7



#49
Dibromochloromethane
Concen: 45.701 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021794.D
Acq: 07 Jan 2022 23:29

Tgt Ion:129 Resp: 108350
Ion Ratio Lower Upper
129 100
127 0.6 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 6.532 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021794.D
 Acq: 07 Jan 2022 23:29

Instrument :
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Tgt Ion: 75	Resp:	8956
Ion Ratio	Lower	Upper
75	100	
77	35.0	25.8 38.8
110	3.8	29.0 43.4#

