

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050422\
 Data File : VW022808.D
 Acq On : 04 May 2022 17:42
 Operator : SY/VA
 Sample : N2638-20RE
 Misc : 5.75g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL04RE

Quant Time: May 04 23:38:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 23:28:03 2022
 Response via : Initial Calibration

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

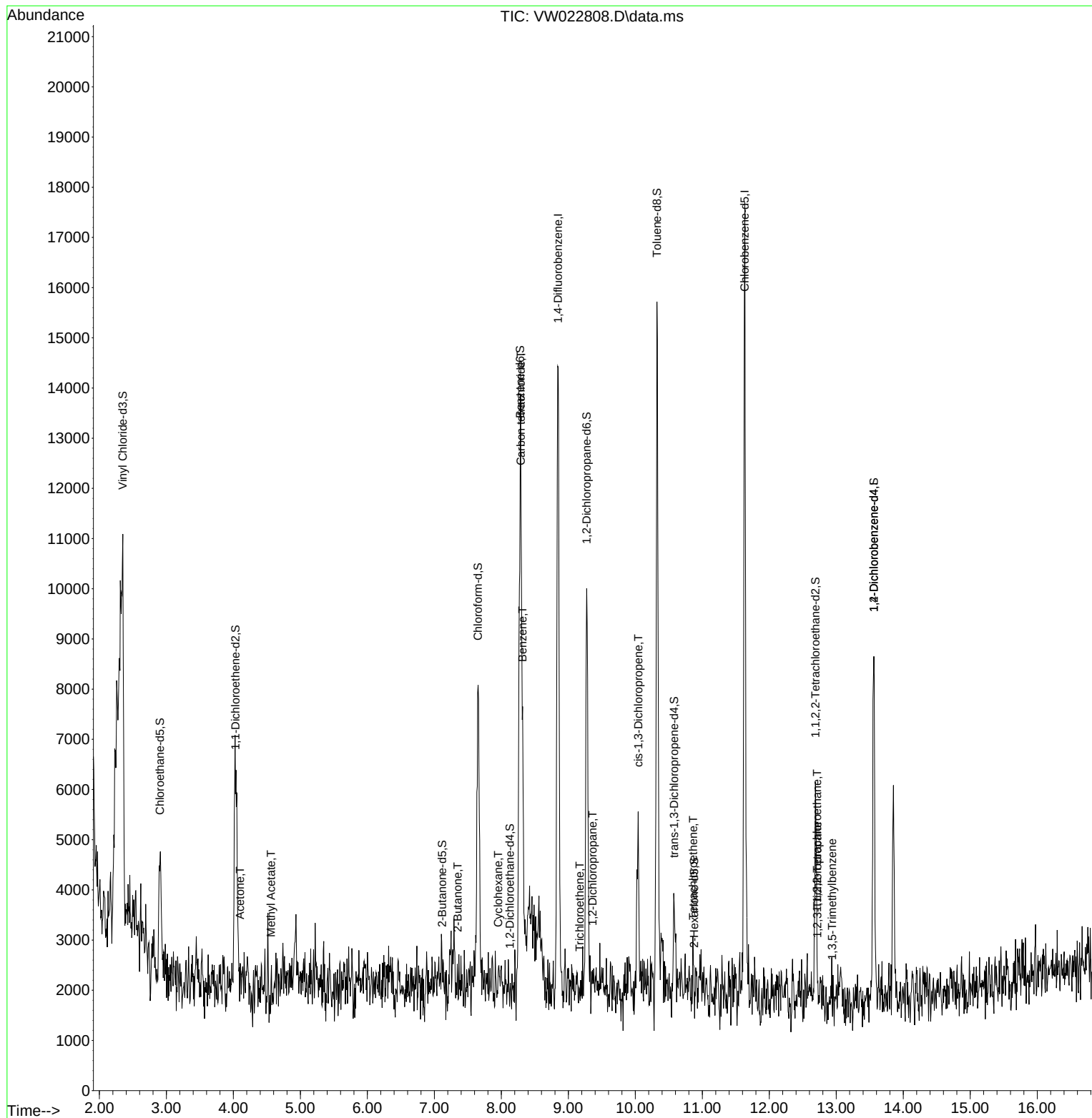
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	9984	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	8409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	1998	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	3541	17.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.160%
7) Chloroethane-d5	2.904	69	2825	21.199	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	4.031	63	4713	17.807	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.240%
21) 2-Butanone-d5	7.116	46	201	5.161	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.320%#
24) Chloroform-d	7.653	84	6215	21.247	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	8.128	65	127	0.792	ug/L	-0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	3.160%#
32) Benzene-d6	8.281	84	11109	22.920	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.680%
36) 1,2-Dichloropropane-d6	9.274	67	3349	24.598	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	10.323	98	9350	19.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.880%
43) trans-1,3-Dichloroprop...	10.579	79	1058	16.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.520%
47) 2-Hexanone-d5	10.878	63	44	1.693	ug/L	-0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.380%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	1642	12.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	51.760%
66) 1,2-Dichlorobenzene-d4	13.560	152	1998	28.607	ug/L	-0.29
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.440%
Target Compounds						Qvalue
13) Acetone	4.099	43	116	3.978	ug/L	48
15) Methyl Acetate	4.562	43	92	1.571	ug/L	91
22) 2-Butanone	7.348	43	209	5.125	ug/L	88
29) Cyclohexane	7.952	56	102	0.561	ug/L	# 25
31) Carbon tetrachloride	8.293	117	92	0.495	ug/L	# 60
33) Benzene	8.317	78	287	0.579	ug/L	100
34) Trichloroethene	9.171	95	69	0.506	ug/L	# 5
37) 1,2-Dichloropropane	9.360	63	50	0.417	ug/L	# 85
39) cis-1,3-Dichloropropene	10.043	75	155	0.834	ug/L	# 43
46) Tetrachloroethene	10.866	164	92	0.899	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	105	0.839	ug/L	# 24
61) 1,2,3-Trichloropropane	12.719	75	98	2.455	ug/L	# 37
62) 1,3,5-Trimethylbenzene	12.938	105	49	0.322	ug/L	# 28

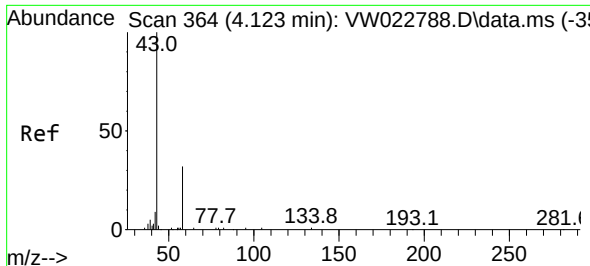
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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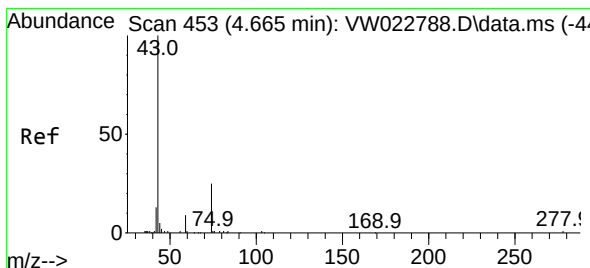
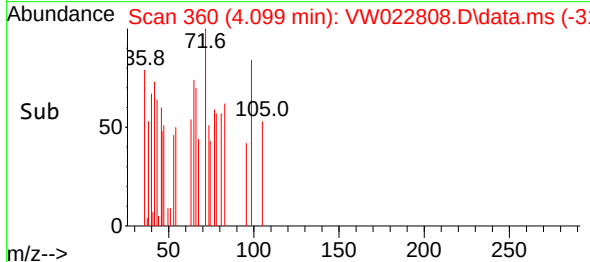
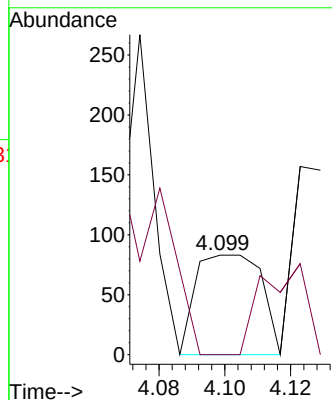
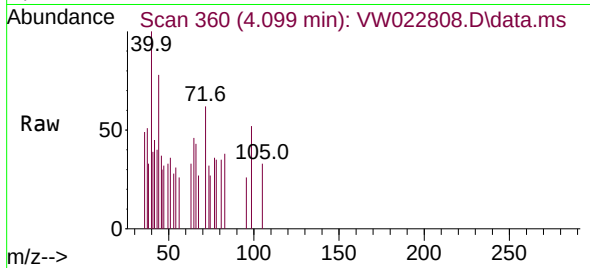




#13
Acetone
Concen: 3.978 ug/L
RT: 4.099 min Scan# 364
Delta R.T. -0.024 min
Lab File: VW022808.D
Acq: 04 May 2022 17:42

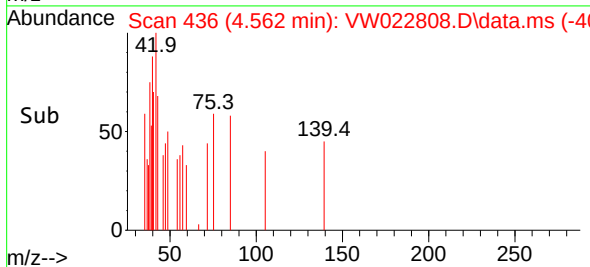
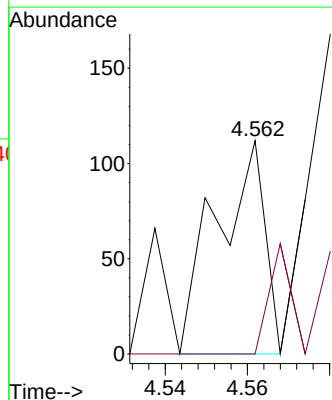
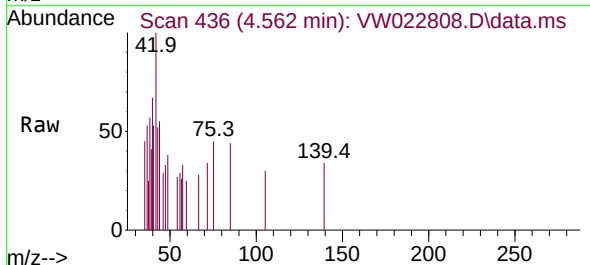
Instrument :
MSVOA_W
ClientSampleId :
EXL04RE

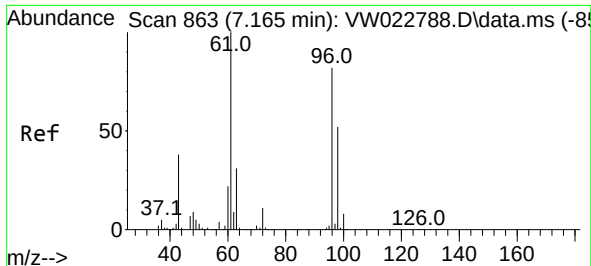
Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
58 61.2 0.0 64.0



#15
Methyl Acetate
Concen: 1.571 ug/L
RT: 4.562 min Scan# 436
Delta R.T. -0.103 min
Lab File: VW022808.D
Acq: 04 May 2022 17:42

Tgt Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
74 22.8 21.9 32.9

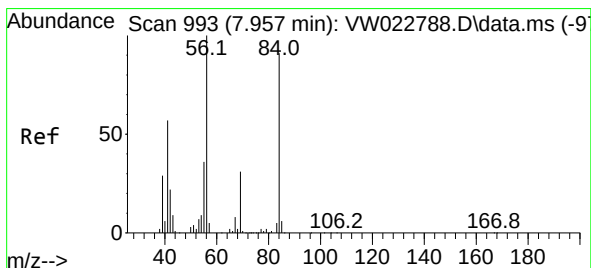
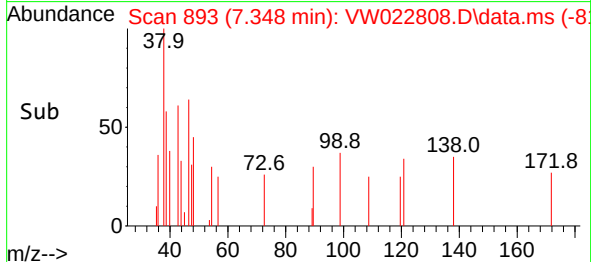
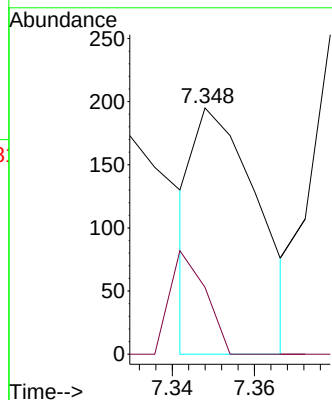
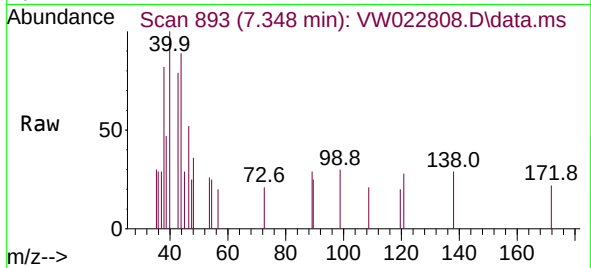




#22
2-Butanone
Concen: 5.125 ug/L
RT: 7.348 min Scan# 893
Delta R.T. 0.183 min
Lab File: VW022808.D
Acq: 04 May 2022 17:42

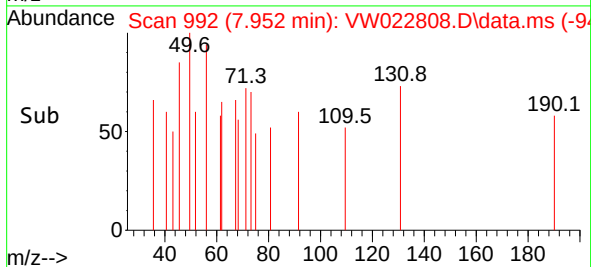
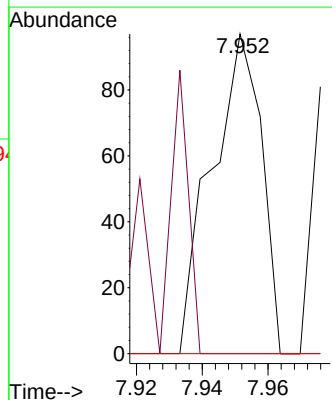
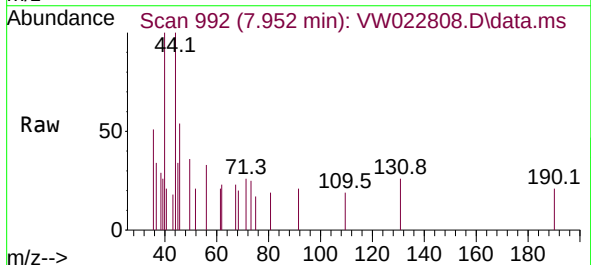
Instrument :
MSVOA_W
ClientSampleId :
EXL04RE

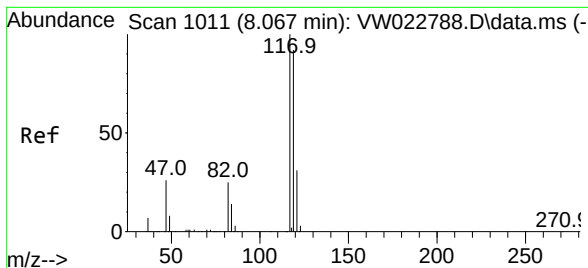
Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
72 23.4 15.1 45.3



#29
Cyclohexane
Concen: 0.561 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022808.D
Acq: 04 May 2022 17:42

Tgt Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
69 30.4 25.6 38.4
84 0.0 78.2 117.4#





#31

Carbon tetrachloride

Concen: 0.495 ug/L

RT: 8.293 min Scan# 1048

Delta R.T. 0.226 min

Lab File: VW022808.D

Acq: 04 May 2022 17:42

Instrument :

MSVOA_W

ClientSampleId :

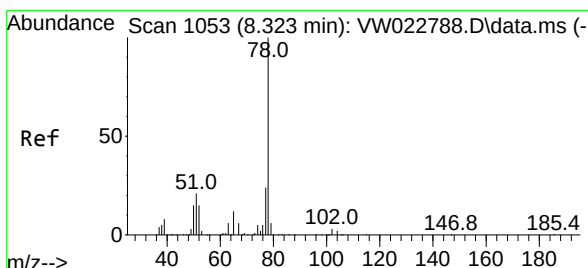
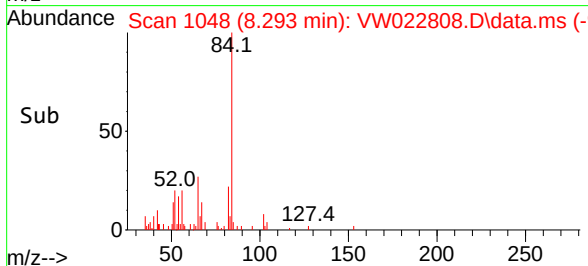
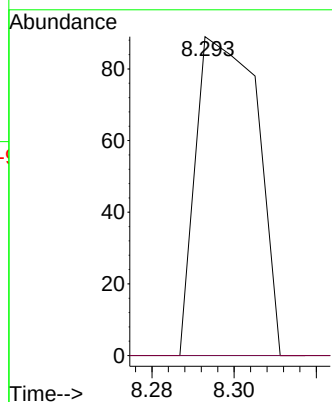
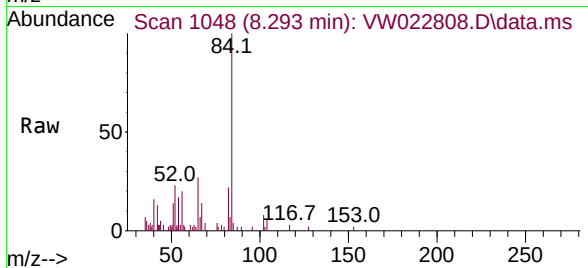
EXL04RE

Tgt Ion:117 Resp: 92

Ion Ratio Lower Upper

117 100

119 56.5 76.6 115.0#



#33

Benzene

Concen: 0.579 ug/L

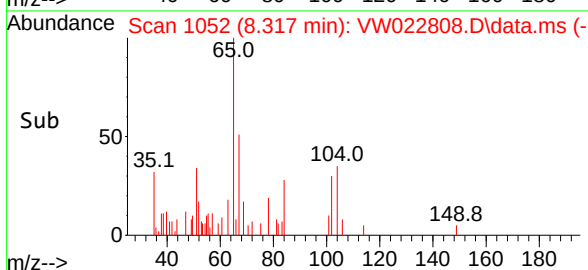
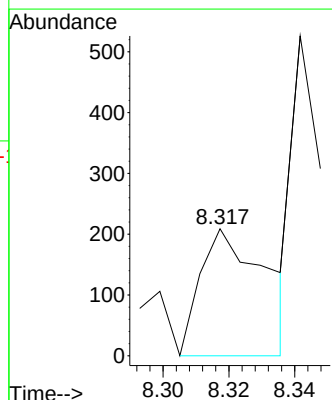
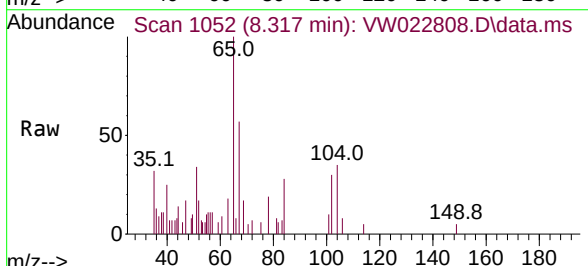
RT: 8.317 min Scan# 1052

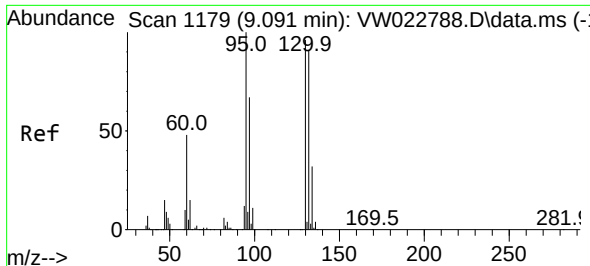
Delta R.T. -0.006 min

Lab File: VW022808.D

Acq: 04 May 2022 17:42

Tgt Ion: 78 Resp: 287

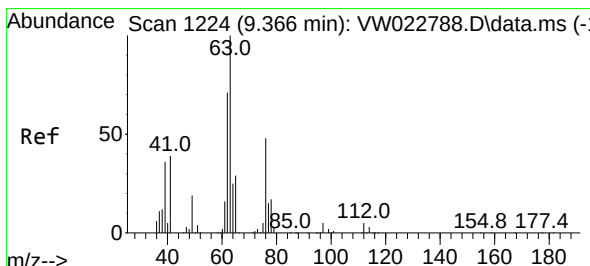
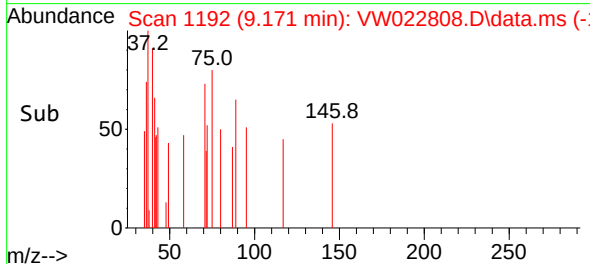
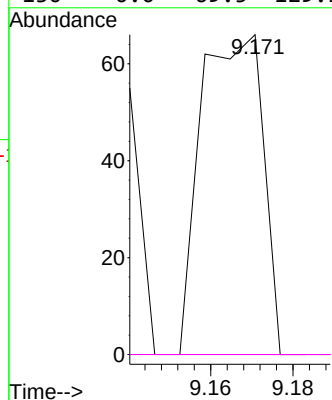
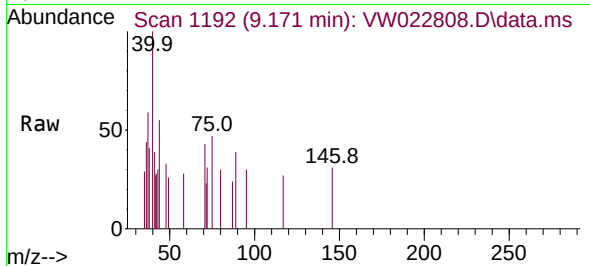




#34
Trichloroethene
Concen: 0.506 ug/L
RT: 9.171 min Scan# 1179
Delta R.T. 0.079 min
Lab File: VW022808.D
Acq: 04 May 2022 17:42

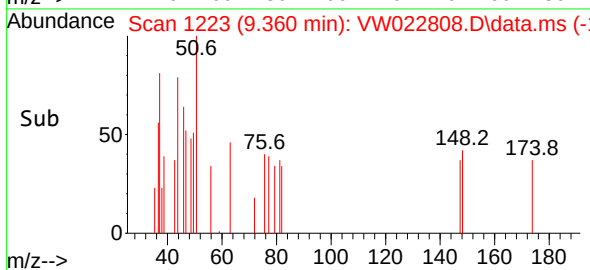
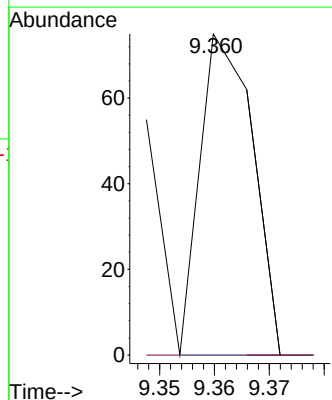
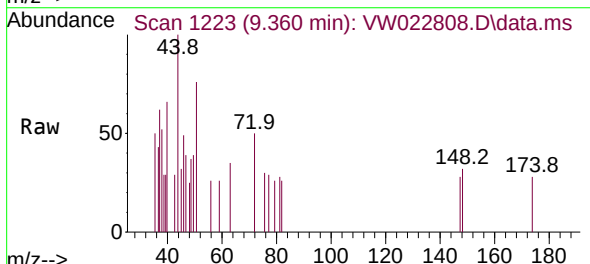
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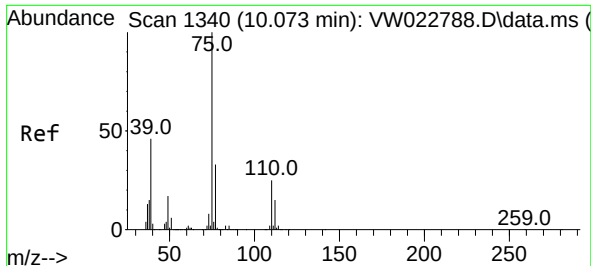
Tgt Ion: 95	Resp: 69
Ion Ratio	Lower Upper
95	100
97	0.0 46.1 85.7#
132	0.0 66.9 124.3#
130	0.0 69.5 129.1#



#37
1,2-Dichloropropane
Concen: 0.417 ug/L
RT: 9.360 min Scan# 1223
Delta R.T. -0.006 min
Lab File: VW022808.D
Acq: 04 May 2022 17:42

Tgt Ion: 63	Resp: 50
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.8#

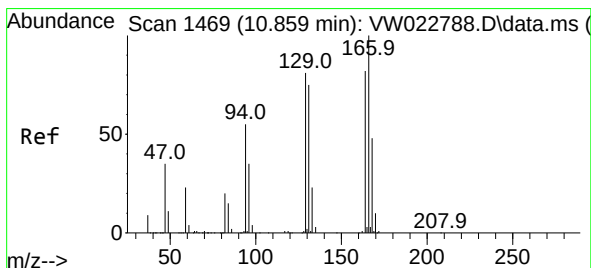
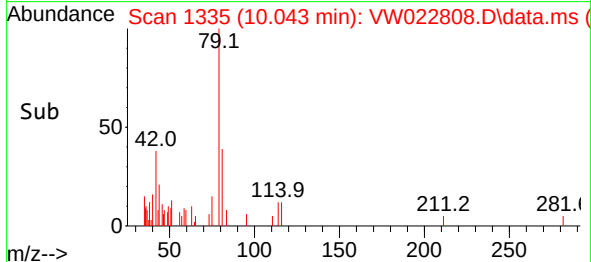
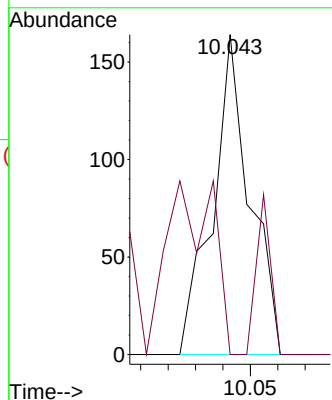
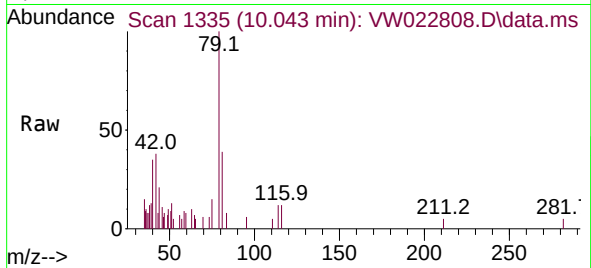




#39
cis-1,3-Dichloropropene
Concen: 0.834 ug/L
RT: 10.043 min Scan# 11
Delta R.T. -0.030 min
Lab File: VW022808.D
Acq: 04 May 2022 17:42

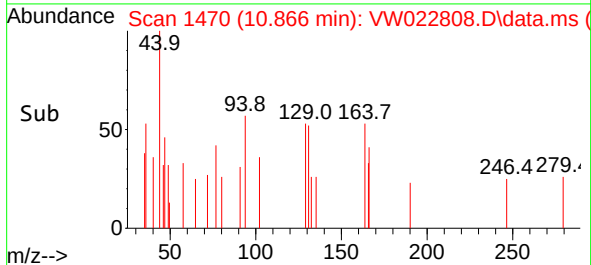
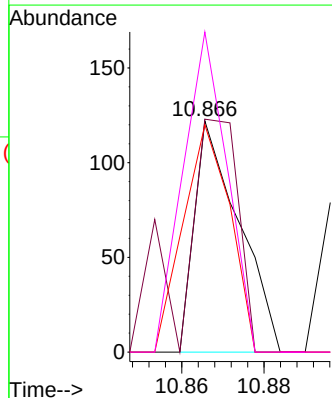
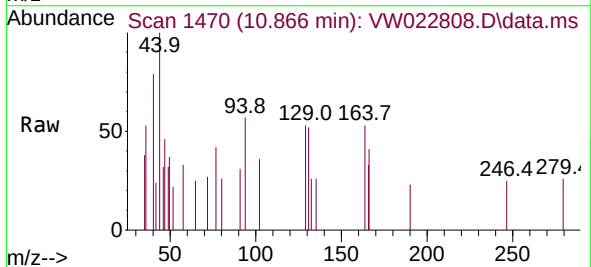
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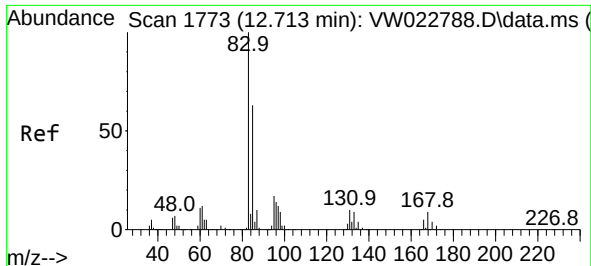
Tgt Ion: 75 Resp: 155
Ion Ratio Lower Upper
75 100
77 0.0 22.1 41.1#



#46
Tetrachloroethene
Concen: 0.899 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW022808.D
Acq: 04 May 2022 17:42

Tgt Ion:164 Resp: 92
Ion Ratio Lower Upper
164 100
129 100.8 76.9 142.7
131 98.4 75.1 139.5
166 138.5 96.0 178.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.839 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022808.D

Acq: 04 May 2022 17:42

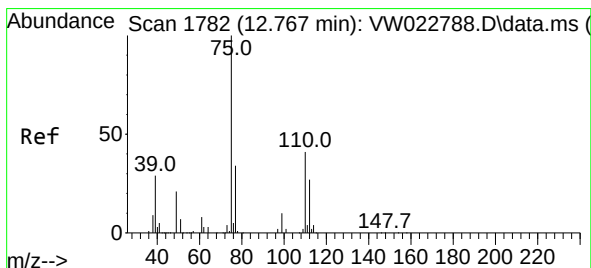
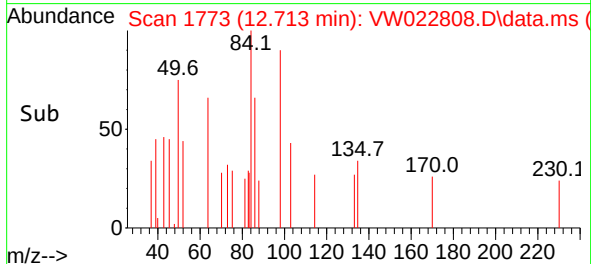
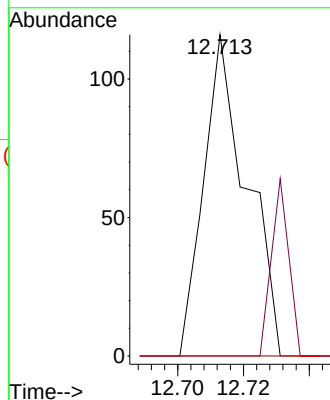
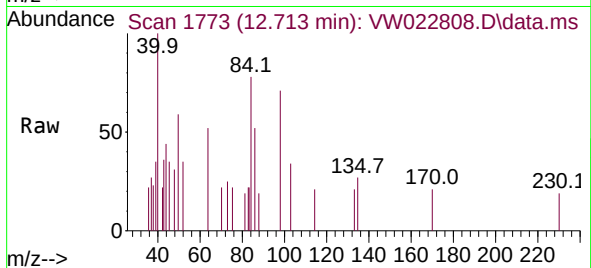
Instrument :

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Tgt Ion:	83	Resp:	105
Ion	Ratio	Lower	Upper
83	100		
85	0.0	47.5	88.1#
131	0.0	8.7	13.1#



#61

1,2,3-Trichloropropane

Concen: 2.455 ug/L

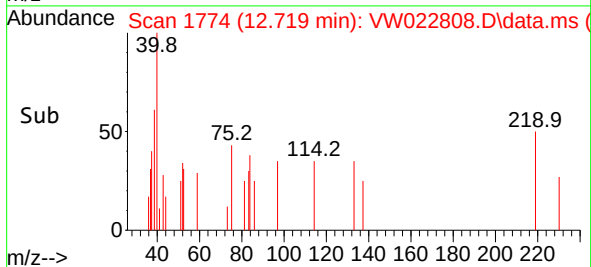
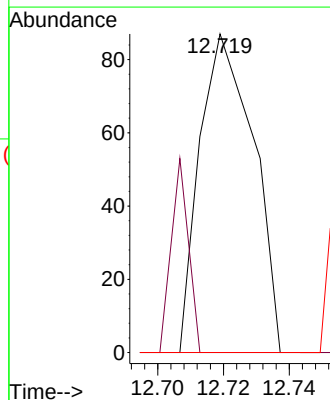
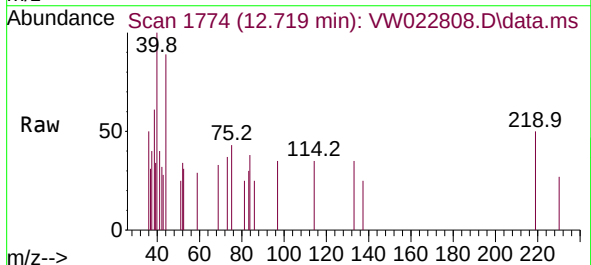
RT: 12.719 min Scan# 1774

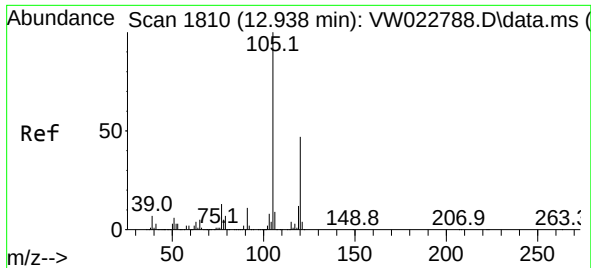
Delta R.T. -0.049 min

Lab File: VW022808.D

Acq: 04 May 2022 17:42

Tgt Ion:	75	Resp:	98
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
110	0.0	34.1	51.1#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.322 ug/L
 RT: 12.938 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022808.D
 Acq: 04 May 2022 17:42

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL04RE

Tgt Ion:105 Resp: 49
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.9 58.3#

