

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023075.D
 Acq On : 17 May 2022 01:07
 Operator : SY/VA
 Sample : N2843-12
 Misc : 6.29g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4J2

Quant Time: May 17 03:14:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 02:41:35 2022
 Response via : Initial Calibration

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

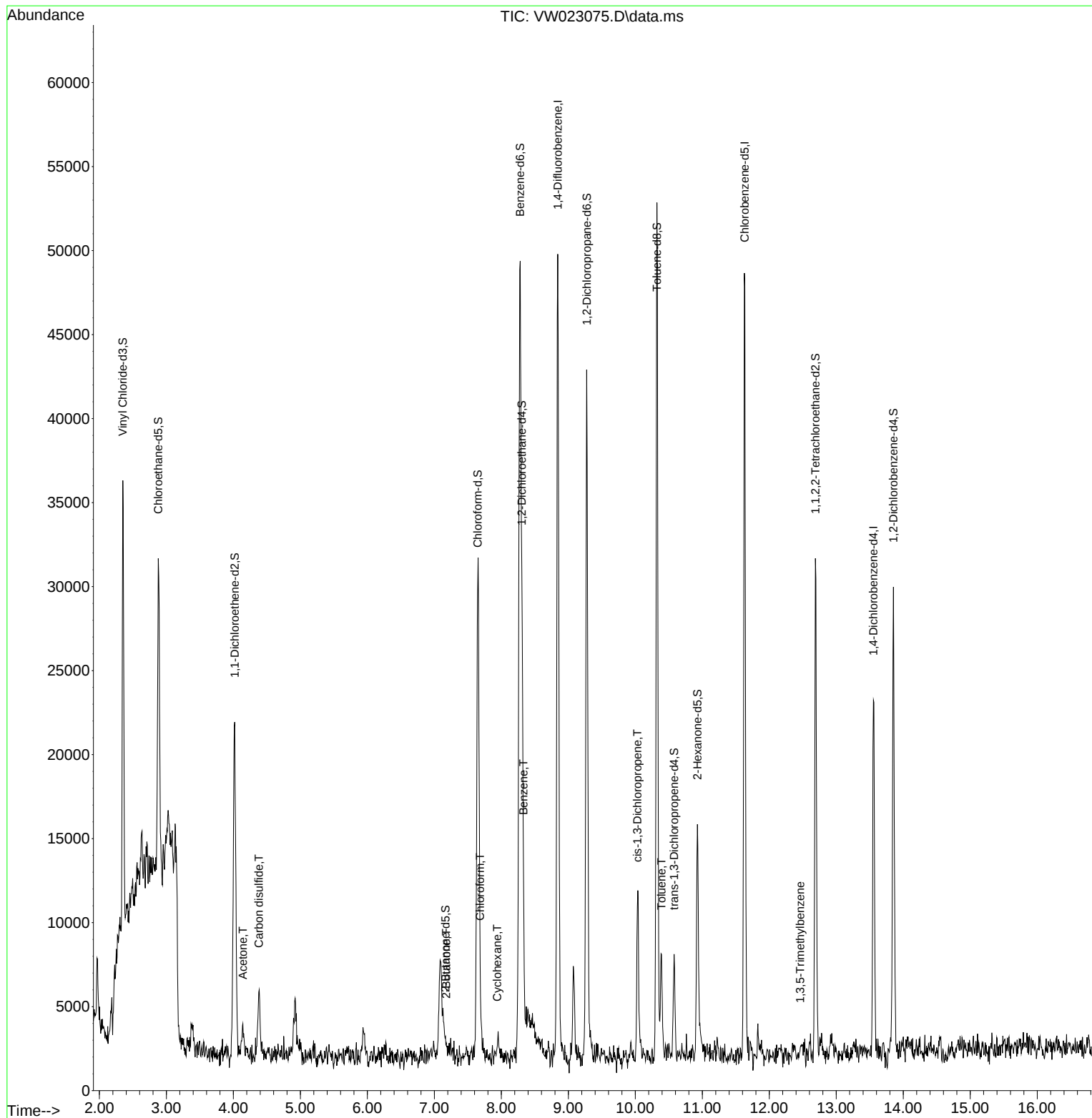
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	38463	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	24705	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	5365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18653	23.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
7) Chloroethane-d5	2.879	69	19446	37.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	151.520%#
11) 1,1-Dichloroethene-d2	4.019	63	17765	17.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.680%
21) 2-Butanone-d5	7.165	46	173	1.153	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.300%#
24) Chloroform-d	7.647	84	29323	26.021	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.080%
26) 1,2-Dichloroethane-d4	8.305	65	16899	27.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.360%
32) Benzene-d6	8.281	84	48071	33.758	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.040%#
36) 1,2-Dichloropropane-d6	9.275	67	17237	43.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	172.360%#
41) Toluene-d8	10.323	98	33446	24.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.240%
43) trans-1,3-Dichloroprop...	10.579	79	3156	17.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.560%
47) 2-Hexanone-d5	10.927	63	4629	60.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.240%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	14224	38.152	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	152.600%#
66) 1,2-Dichlorobenzene-d4	13.853	152	6749	35.987	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	143.960%#
Target Compounds					Qvalue	
13) Acetone	4.141	43	2232	19.870	ug/L	96
14) Carbon disulfide	4.379	76	6757	5.003	ug/L #	78
22) 2-Butanone	7.177	43	560	3.565	ug/L	90
25) Chloroform	7.683	83	1858	1.788	ug/L	84
29) Cyclohexane	7.939	56	322	0.603	ug/L #	22
33) Benzene	8.330	78	2073	1.424	ug/L	100
39) cis-1,3-Dichloropropene	10.031	75	308	0.564	ug/L	85
42) Toluene	10.390	91	4228	2.592	ug/L	84
62) 1,3,5-Trimethylbenzene	12.463	105	136	0.333	ug/L	90

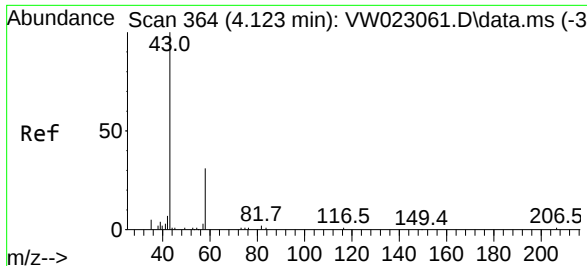
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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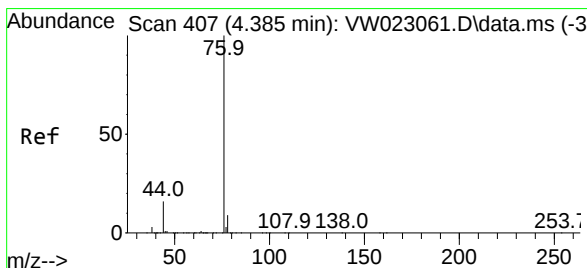
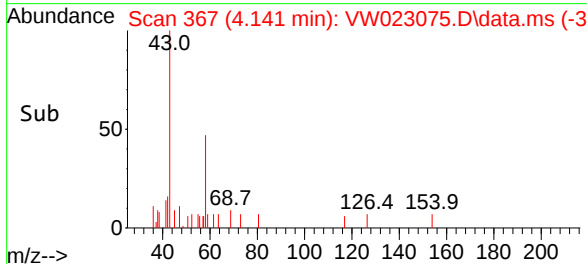
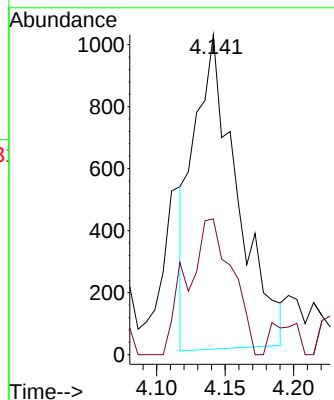
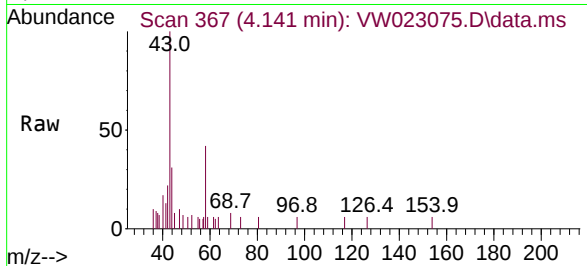




#13
Acetone
Concen: 19.870 ug/L
RT: 4.141 min Scan# 30
Delta R.T. 0.018 min
Lab File: VW023075.D
Acq: 17 May 2022 01:07

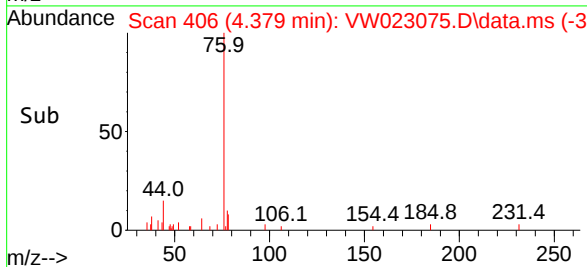
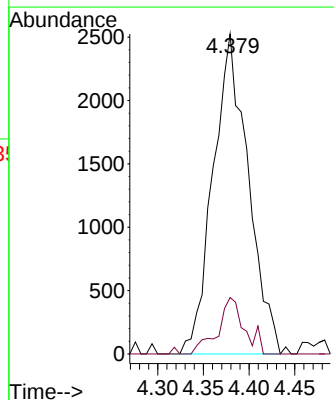
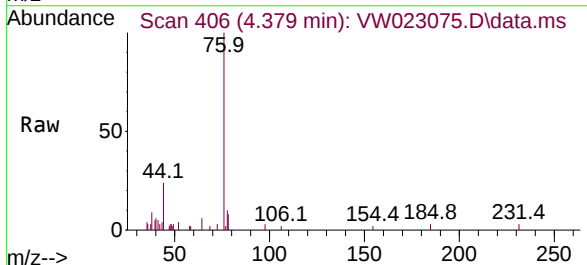
Instrument :
MSVOA_W
ClientSampleId :
EW4J2

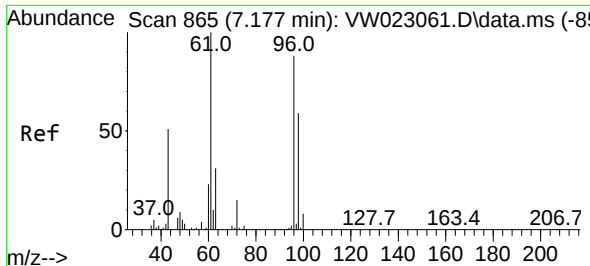
Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
58 34.5 0.0 64.0



#14
Carbon disulfide
Concen: 5.003 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023075.D
Acq: 17 May 2022 01:07

Tgt Ion: 76 Resp: 6757
Ion Ratio Lower Upper
76 100
78 17.7 7.7 11.5#

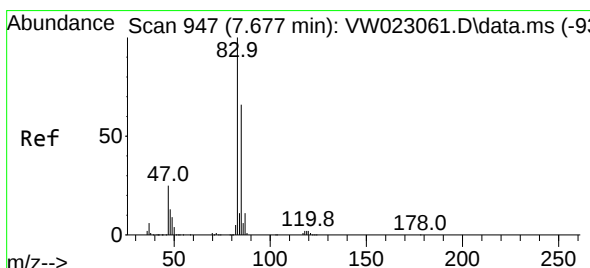
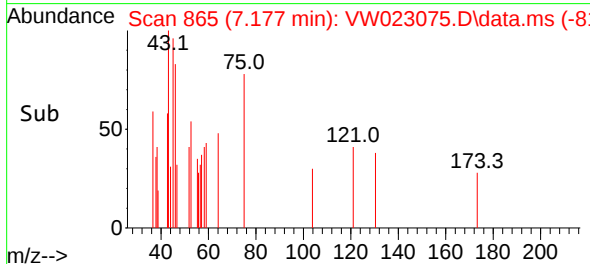
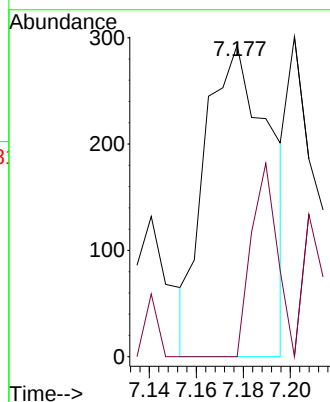
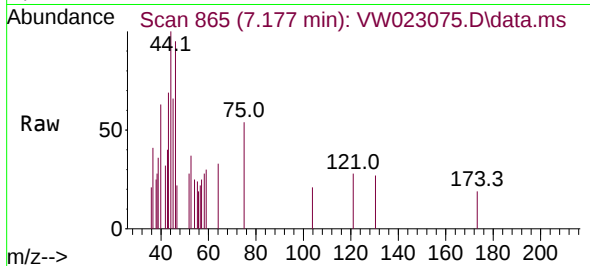




#22
2-Butanone
Concen: 3.565 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW023075.D
Acq: 17 May 2022 01:07

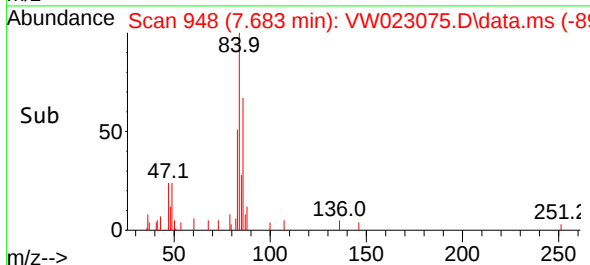
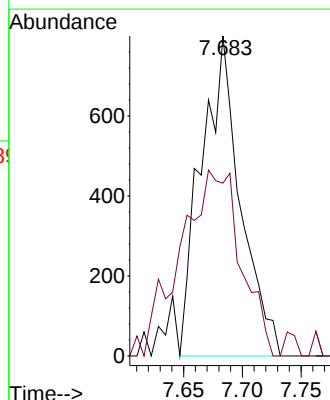
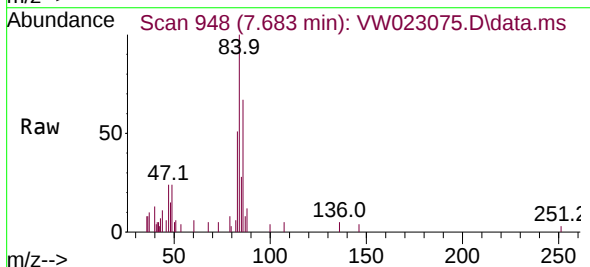
Instrument :
MSVOA_W
ClientSampleId :
EW4J2

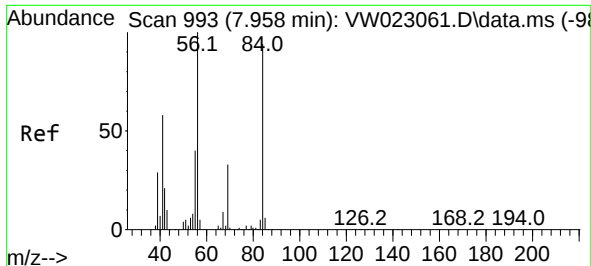
Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
72 24.8 15.1 45.3



#25
Chloroform
Concen: 1.788 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW023075.D
Acq: 17 May 2022 01:07

Tgt Ion: 83 Resp: 1858
Ion Ratio Lower Upper
83 100
85 54.0 46.6 86.6





#29

Cyclohexane

Concen: 0.603 ug/L

RT: 7.939 min Scan# 993

Delta R.T. -0.018 min

Lab File: VW023075.D

Acq: 17 May 2022 01:07

Instrument :

MSVOA_W

ClientSampleId :

EW4J2

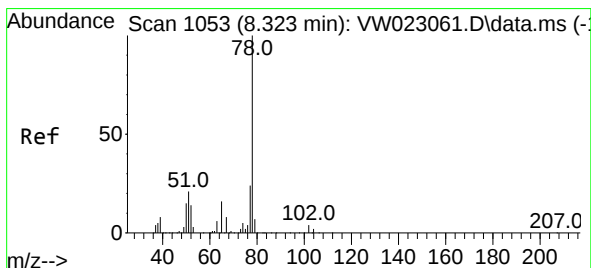
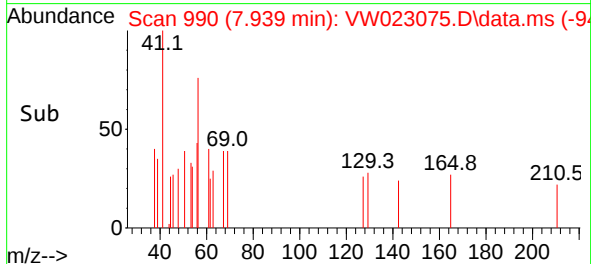
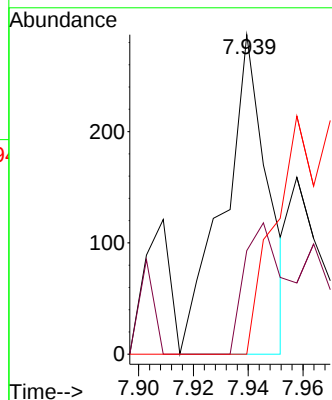
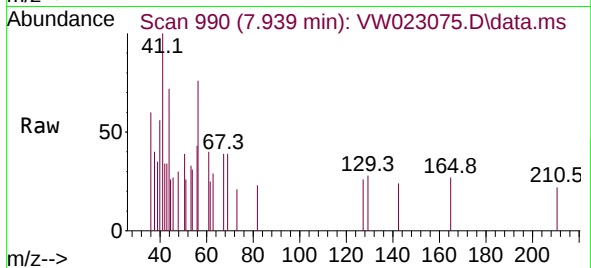
Tgt Ion: 56 Resp: 322

Ion Ratio Lower Upper

56 100

69 39.1 25.6 38.4#

84 0.0 78.2 117.4#



#33

Benzene

Concen: 1.424 ug/L

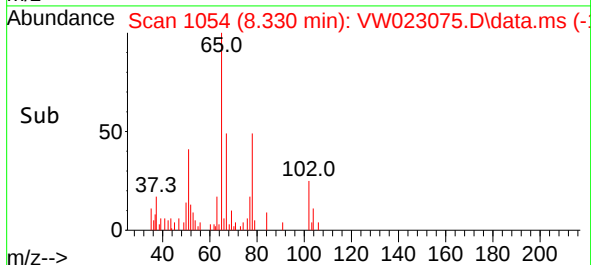
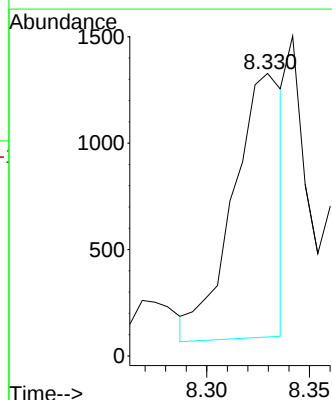
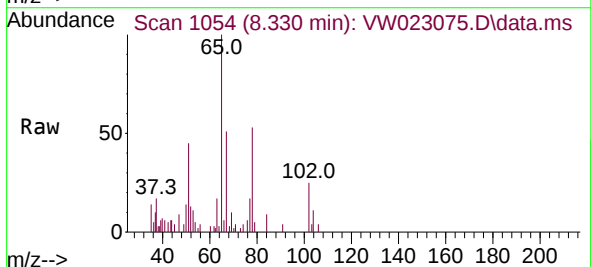
RT: 8.330 min Scan# 1054

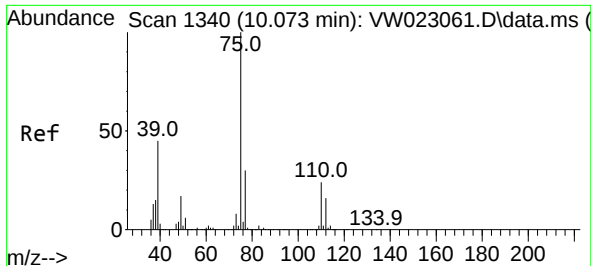
Delta R.T. 0.006 min

Lab File: VW023075.D

Acq: 17 May 2022 01:07

Tgt Ion: 78 Resp: 2073





#39

cis-1,3-Dichloropropene

Concen: 0.564 ug/L

RT: 10.031 min Scan# 11

Delta R.T. -0.042 min

Lab File: VW023075.D

Acq: 17 May 2022 01:07

Instrument :

MSVOA_W

ClientSampleId :

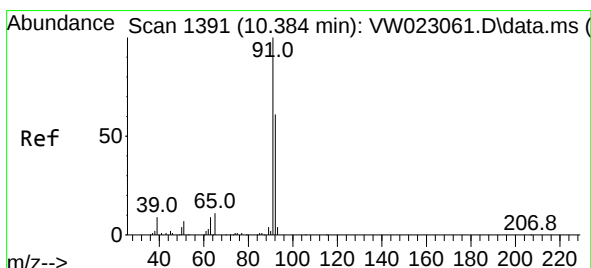
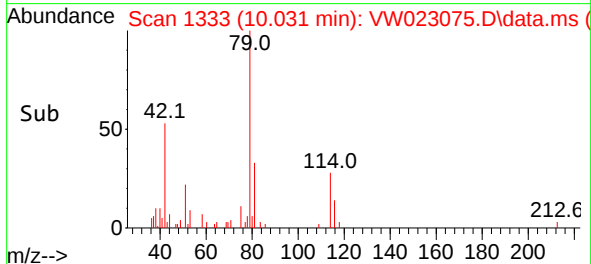
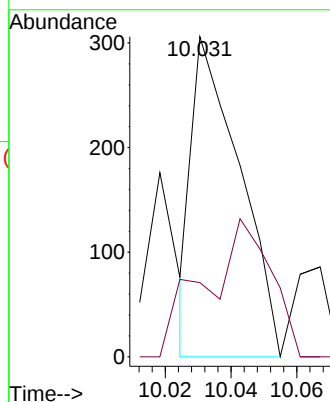
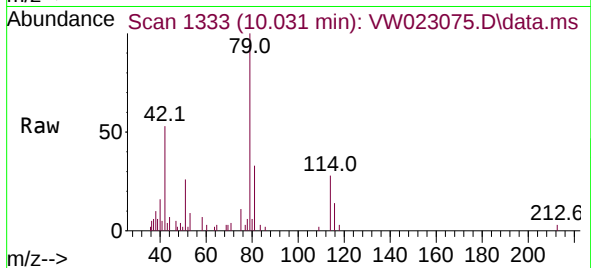
EW4J2

Tgt Ion: 75 Resp: 308

Ion Ratio Lower Upper

75 100

77 23.2 22.1 41.1



#42

Toluene

Concen: 2.592 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW023075.D

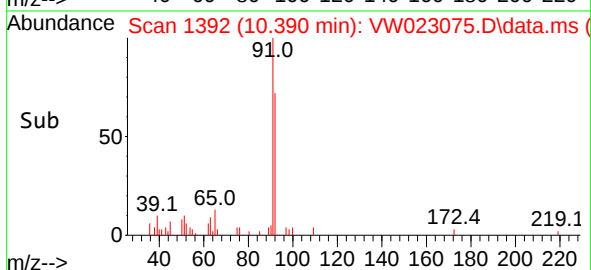
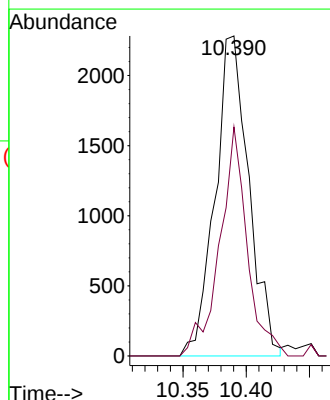
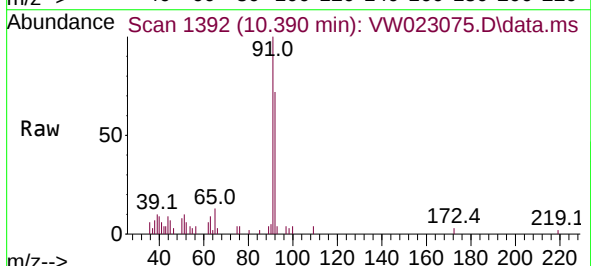
Acq: 17 May 2022 01:07

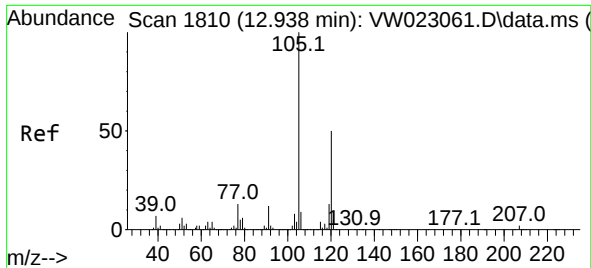
Tgt Ion: 91 Resp: 4228

Ion Ratio Lower Upper

91 100

92 71.6 41.6 77.2





#62
 1,3,5-Trimethylbenzene
 Concen: 0.333 ug/L
 RT: 12.463 min Scan# 11
 Delta R.T. -0.475 min
 Lab File: VW023075.D
 Acq: 17 May 2022 01:07

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4J2

Tgt Ion:105 Resp: 136
 Ion Ratio Lower Upper
 105 100
 120 41.9 38.9 58.3

