

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024988.D
 Acq On : 26 Oct 2022 15:35
 Operator : SY/VA
 Sample : N5258-06RE
 Misc : 6.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBLN5

Quant Time: Oct 27 04:50:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:48:47 2022
 Response via : Initial Calibration

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

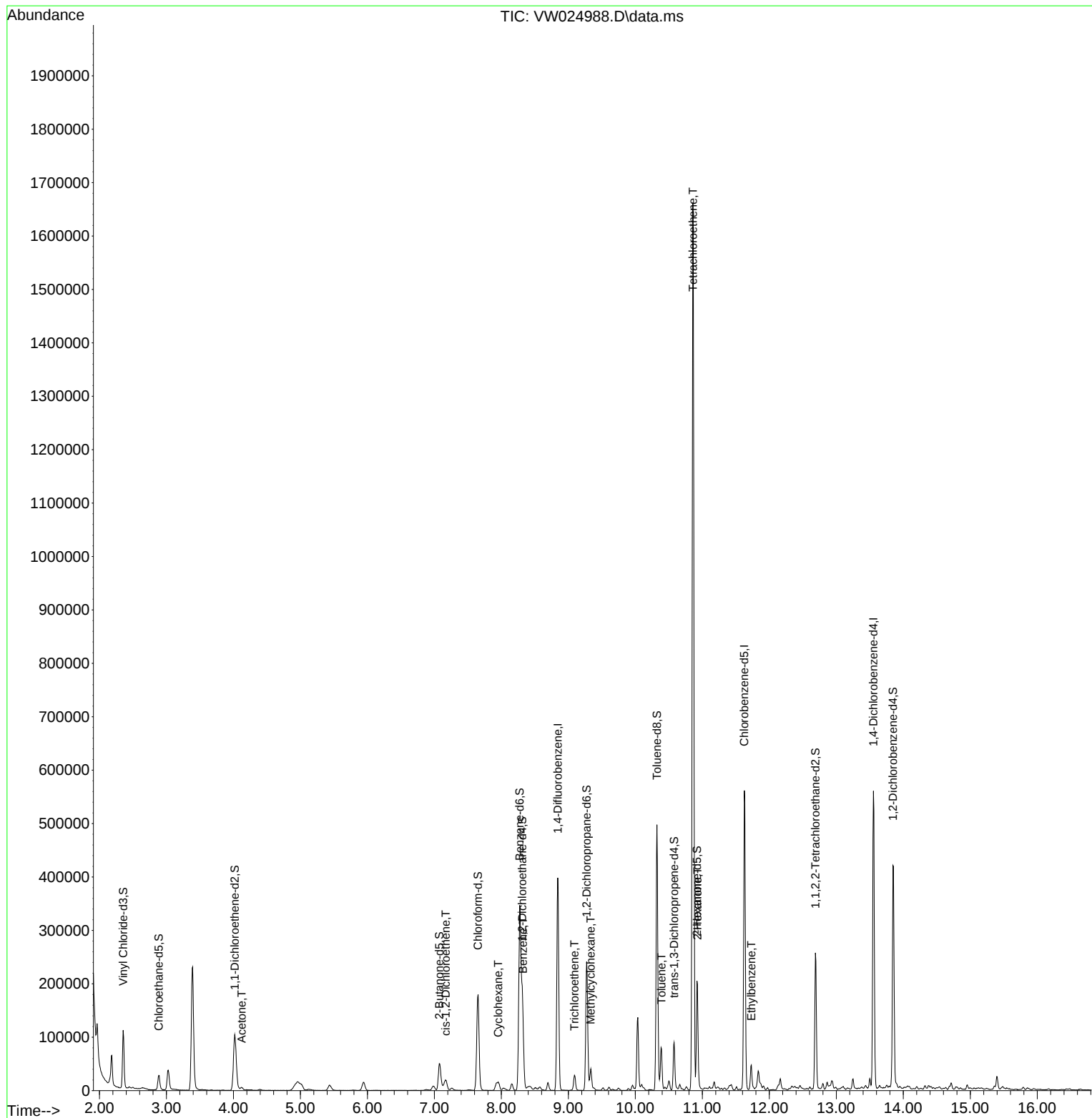
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	327121	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305882	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	143465	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49839	13.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.280%
7) Chloroethane-d5	2.885	69	29808	13.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.440%
11) 1,1-Dichloroethene-d2	4.019	63	101853	11.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.560%#
21) 2-Butanone-d5	7.073	46	84415	68.120	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.240%#
24) Chloroform-d	7.653	84	182516	18.385	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.520%
26) 1,2-Dichloroethane-d4	8.311	65	116120	20.896	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	8.274	84	348830	17.792	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.160%
36) 1,2-Dichloropropane-d6	9.274	67	110472	19.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.920%
41) Toluene-d8	10.323	98	311073	17.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.160%
43) trans-1,3-Dichloroprop...	10.579	79	51313	20.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.560%
47) 2-Hexanone-d5	10.920	63	72385	72.944	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.880%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126337	27.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.160%
66) 1,2-Dichlorobenzene-d4	13.847	152	105485	19.133	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.520%
Target Compounds						Qvalue
13) Acetone	4.123	43	7472	8.488	ug/L	67
20) cis-1,2-Dichloroethene	7.171	96	8674	1.832	ug/L	93
29) Cyclohexane	7.951	56	9601	1.329	ug/L	88
33) Benzene	8.323	78	64679	3.511	ug/L	100
34) Trichloroethene	9.091	95	9887	2.028	ug/L	91
35) Methylcyclohexane	9.335	83	13729	1.657	ug/L	93
42) Toluene	10.390	91	56977	2.914	ug/L	98
46) Tetrachloroethene	10.859	164	348563	99.954	ug/L	96
48) 2-Hexanone	10.926	43	8889	4.899	ug/L #	60
52) Ethylbenzene	11.731	91	31127	1.379	ug/L	97

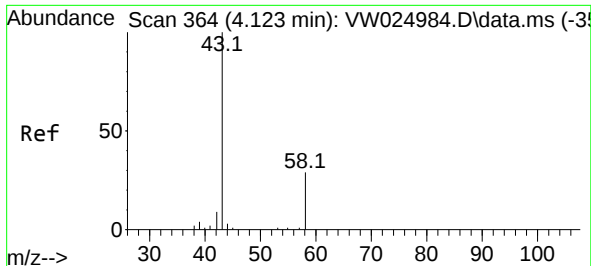
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
Data File : VW024988.D
Acq On : 26 Oct 2022 15:35
Operator : SY/VA
Sample : N5258-06RE
Misc : 6.12g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBLN5

Quant Time: Oct 27 04:50:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 27 04:48:47 2022
Response via : Initial Calibration

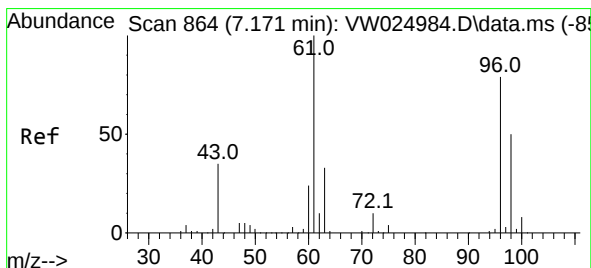
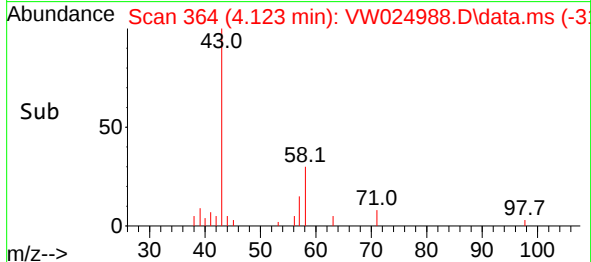
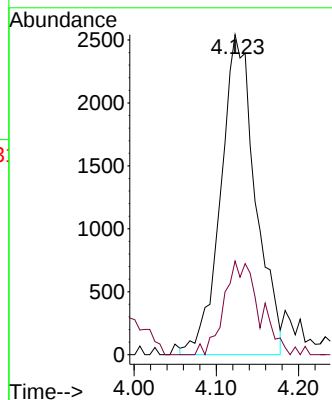
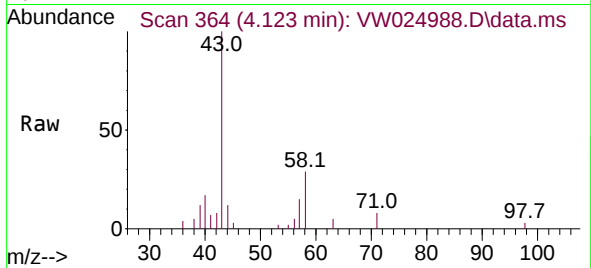




#13
Acetone
Concen: 8.488 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW024988.D
Acq: 26 Oct 2022 15:35

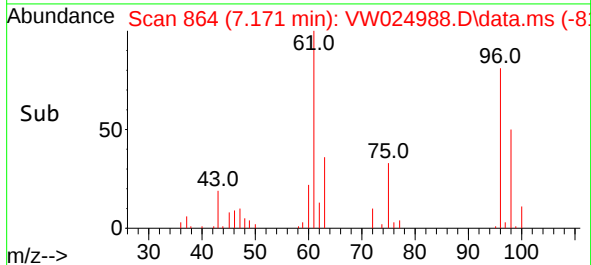
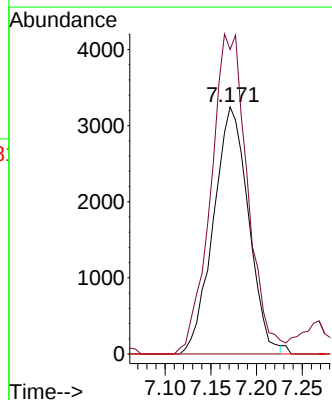
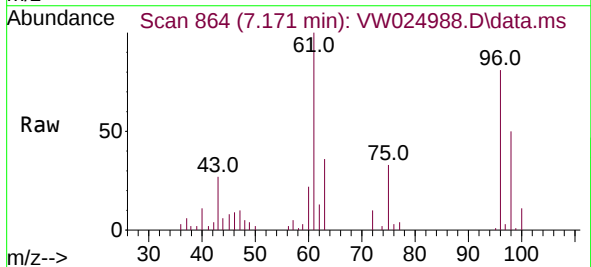
Instrument :
MSVOA_W
ClientSampleId :
GBLN5

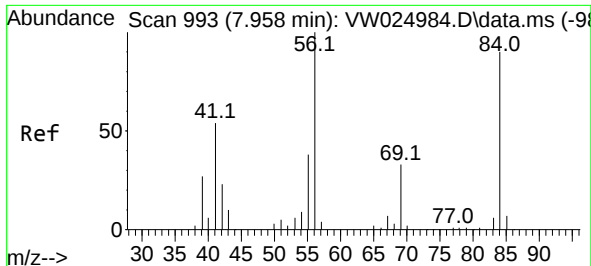
Tgt Ion: 43 Resp: 7472
Ion Ratio Lower Upper
43 100
58 14.3 0.0 65.4



#20
cis-1,2-Dichloroethene
Concen: 1.832 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024988.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 96 Resp: 8674
Ion Ratio Lower Upper
96 100
61 123.3 91.8 170.6
68 0.0 0.0 0.0





#29

Cyclohexane

Concen: 1.329 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW024988.D

Acq: 26 Oct 2022 15:35

Instrument :

MSVOA_W

ClientSampleId :

GBLN5

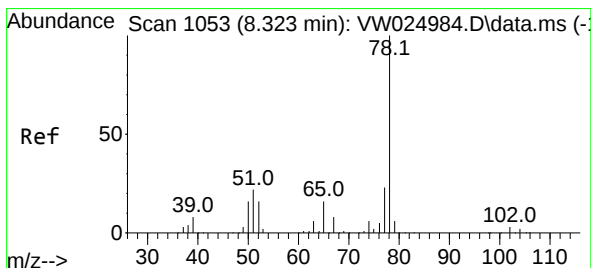
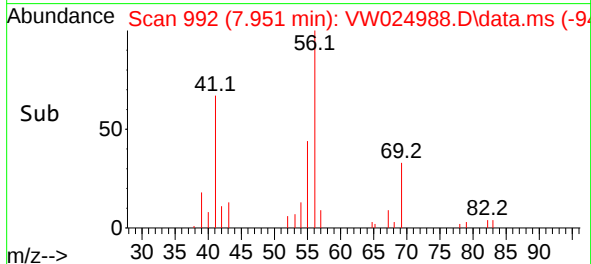
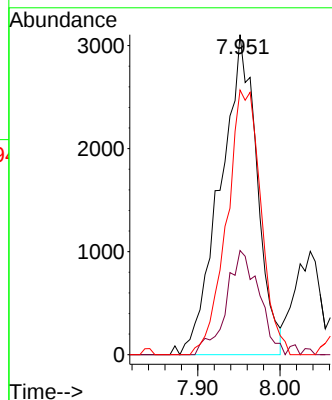
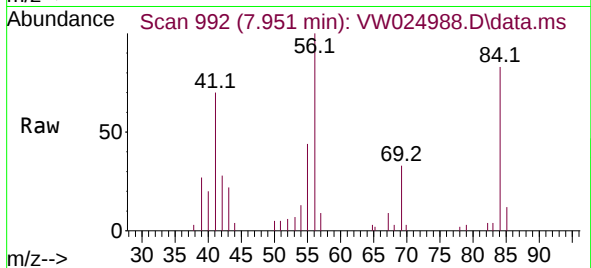
Tgt Ion: 56 Resp: 9601

Ion Ratio Lower Upper

56 100

69 29.2 25.0 37.4

84 77.2 72.6 108.8



#33

Benzene

Concen: 3.511 ug/L

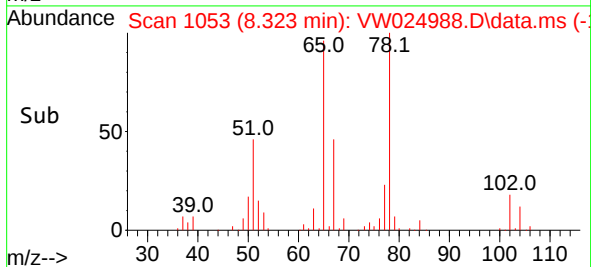
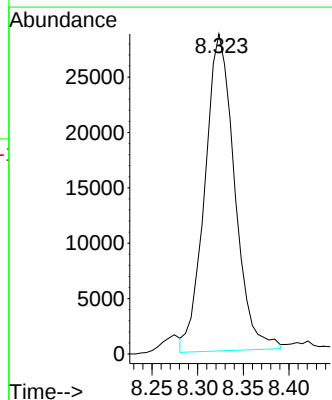
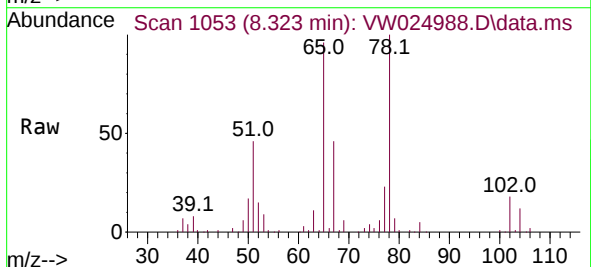
RT: 8.323 min Scan# 1053

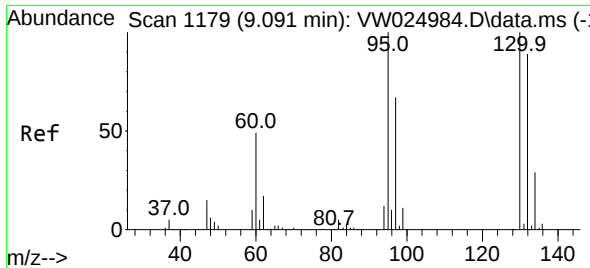
Delta R.T. -0.000 min

Lab File: VW024988.D

Acq: 26 Oct 2022 15:35

Tgt Ion: 78 Resp: 64679



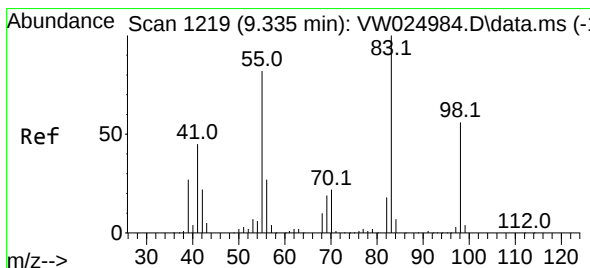
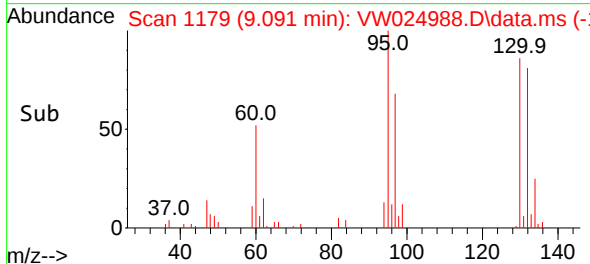
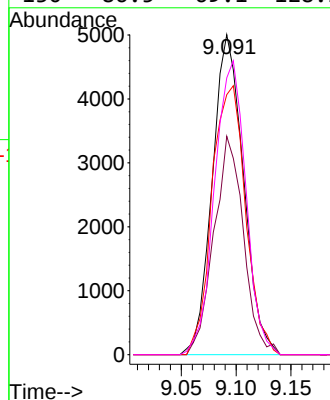
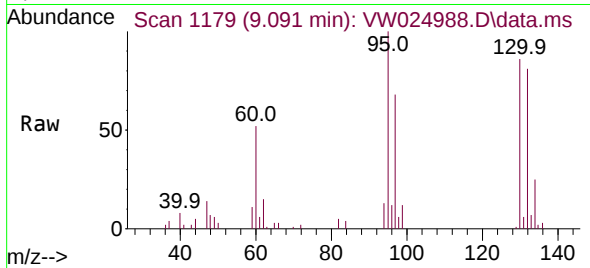


#34
Trichloroethene
Concen: 2.028 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024988.D
Acq: 26 Oct 2022 15:35

Instrument :
MSVOA_W
ClientSampleId :
GBLN5

Tgt Ion: 95 Resp: 9887

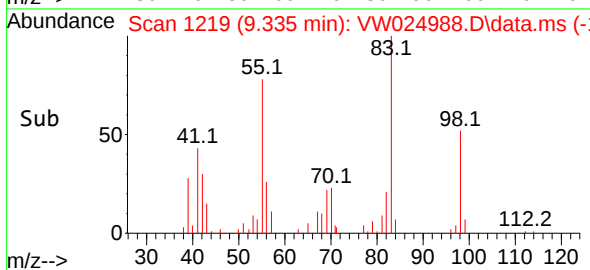
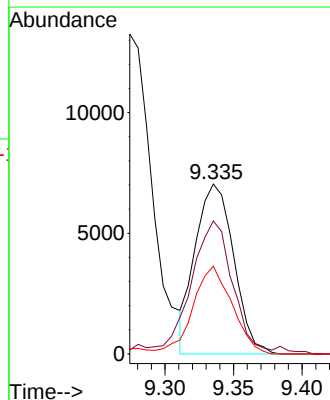
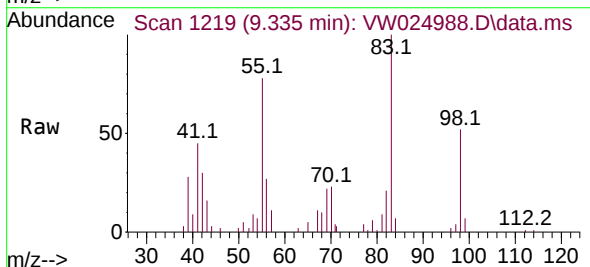
Ion	Ratio	Lower	Upper
95	100		
97	68.2	44.7	83.1
132	81.2	62.6	116.2
130	86.5	69.1	128.3

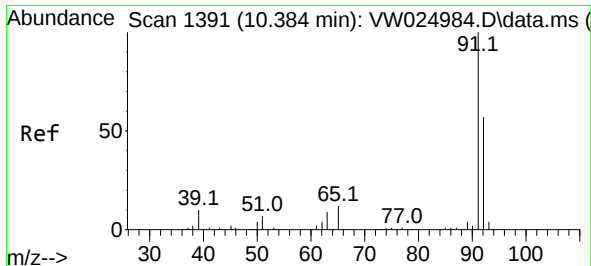


#35
Methylcyclohexane
Concen: 1.657 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024988.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 83 Resp: 13729

Ion	Ratio	Lower	Upper
83	100		
55	82.3	60.4	90.6
98	52.5	39.5	59.3

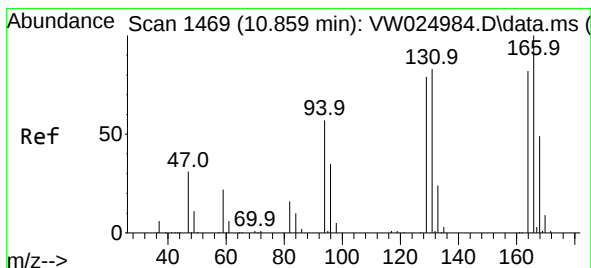
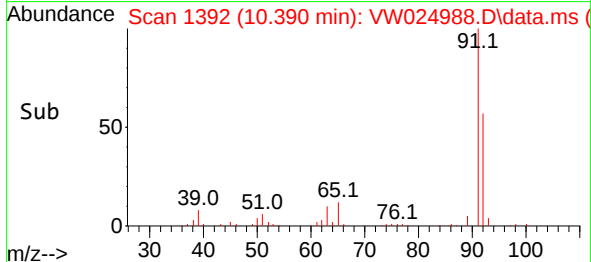
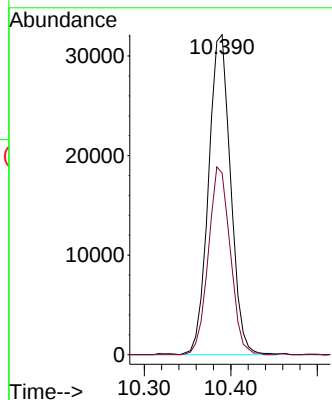
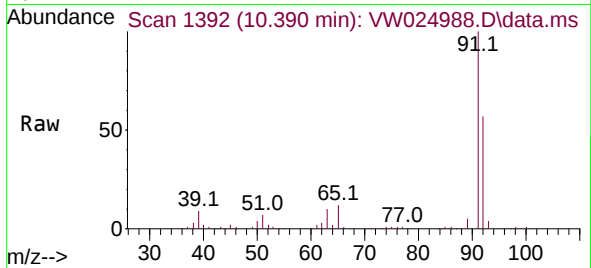




#42
Toluene
Concen: 2.914 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024988.D
Acq: 26 Oct 2022 15:35

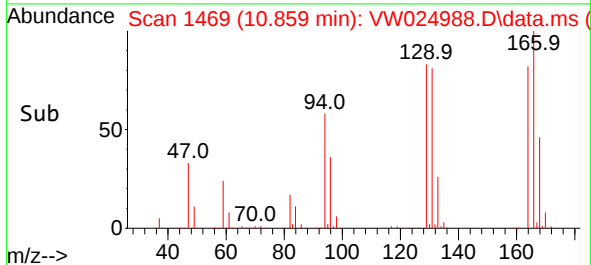
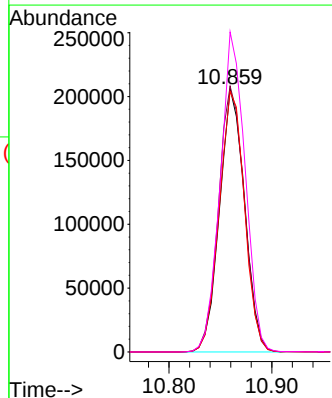
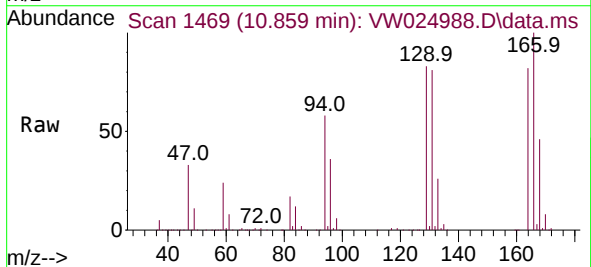
Instrument :
MSVOA_W
ClientSampleId :
GBLN5

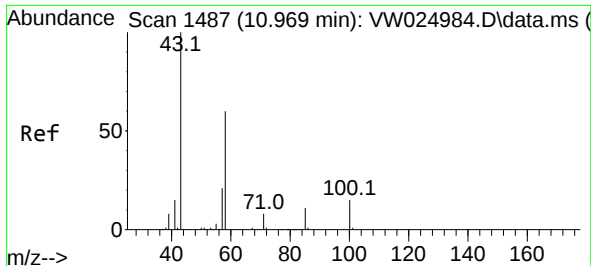
Tgt Ion: 91 Resp: 56977
Ion Ratio Lower Upper
91 100
92 56.8 38.6 71.8



#46
Tetrachloroethene
Concen: 99.954 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024988.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 164 Resp: 348563
Ion Ratio Lower Upper
164 100
129 100.9 72.9 135.5
131 98.9 70.1 130.3
166 121.5 80.2 148.9

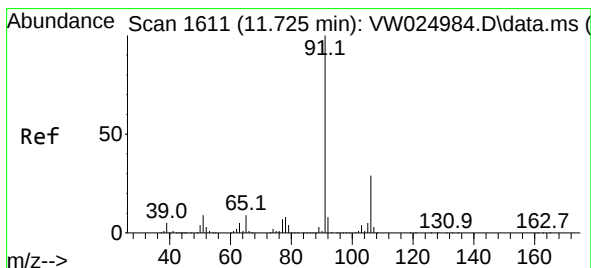
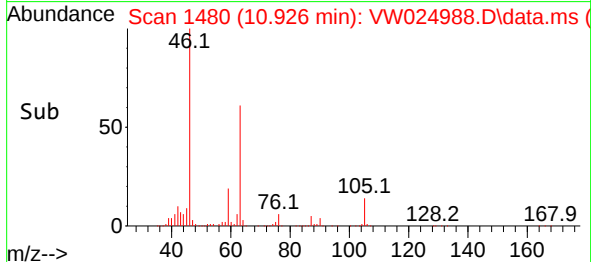
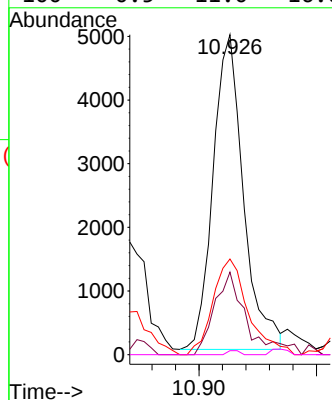
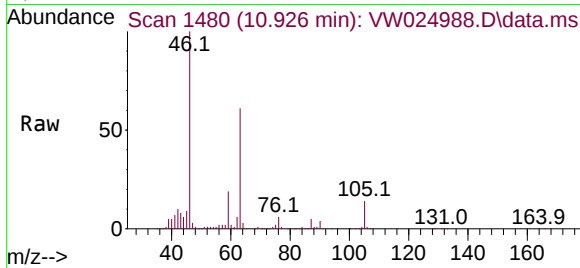




#48
2-Hexanone
Concen: 4.899 ug/L
RT: 10.926 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW024988.D
Acq: 26 Oct 2022 15:35

Instrument :
MSVOA_W
ClientSampleId :
GBLN5

Tgt Ion: 43	Resp: 8889
Ion Ratio	Lower Upper
43 100	
58 24.9	46.1 69.1#
57 35.1	16.2 24.2#
100 0.5	11.0 16.6#



#52
Ethylbenzene
Concen: 1.379 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024988.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 91	Resp: 31127
Ion Ratio	Lower Upper
91 100	
106 30.5	22.3 41.5

