

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
 Data File : VW023171.D
 Acq On : 19 May 2022 14:17
 Operator : SY/VA
 Sample : N2929-05
 Misc : 7.40g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF9

Quant Time: May 20 01:50:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

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

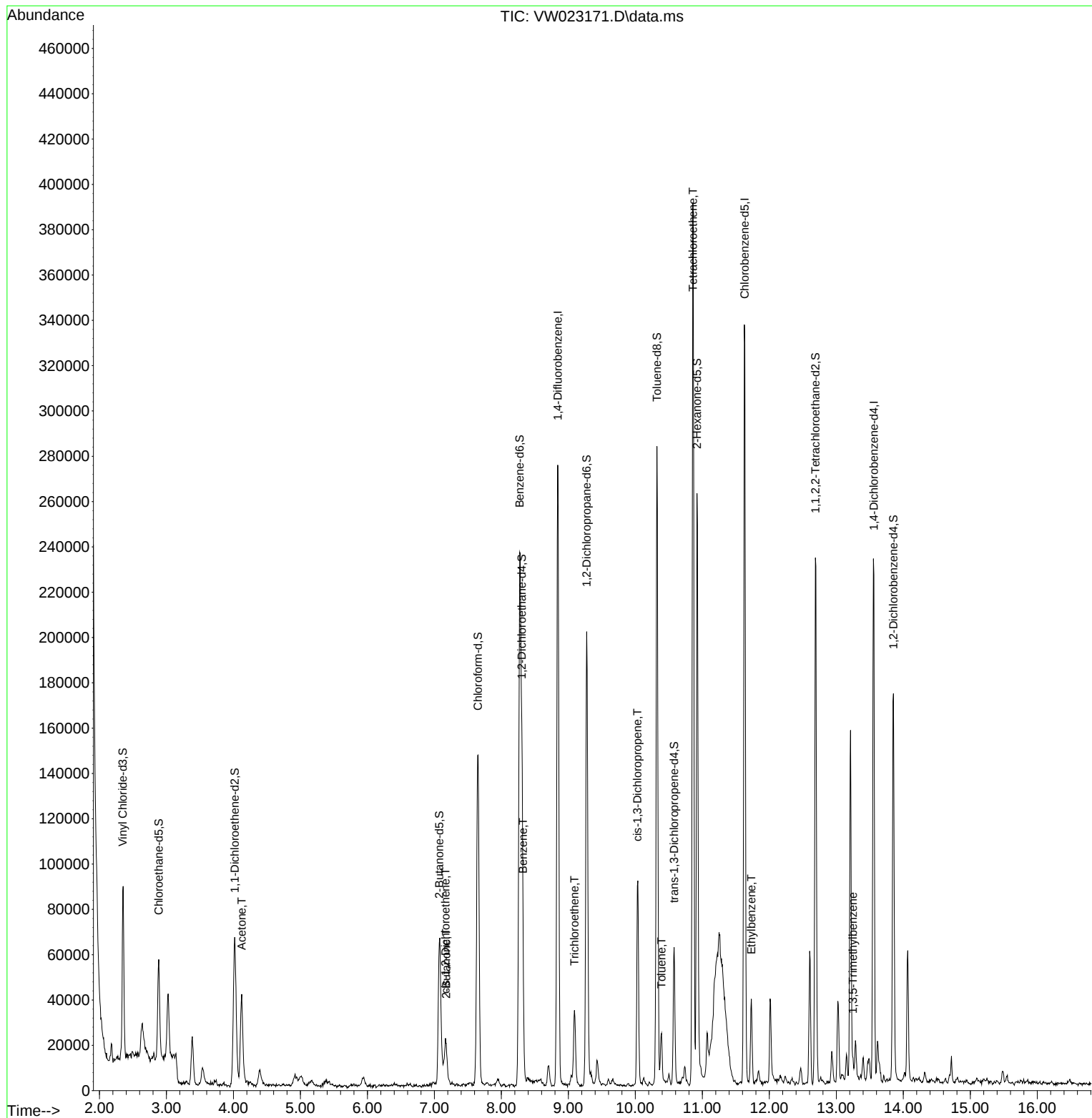
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	233535	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	187410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	60418	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	59671	12.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.800%
7) Chloroethane-d5	2.885	69	49647	15.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.720%
11) 1,1-Dichloroethene-d2	4.019	63	60882	9.834	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.320%#
21) 2-Butanone-d5	7.073	46	108081	118.642	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	237.280%#
24) Chloroform-d	7.652	84	151399	22.128	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.520%
26) 1,2-Dichloroethane-d4	8.305	65	99820	26.600	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	8.274	84	238791	22.106	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	9.274	67	85753	28.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.040%
41) Toluene-d8	10.323	98	183786	17.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.440%
43) trans-1,3-Dichloroprop...	10.579	79	32702	23.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.640%
47) 2-Hexanone-d5	10.920	63	87902	151.750	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	303.500%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	110070	38.918	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	155.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	43776	20.727	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.920%
Target Compounds					Qvalue	
13) Acetone	4.123	43	64703	94.867	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	7030	1.944	ug/L #	68
22) 2-Butanone	7.177	43	10553	11.064	ug/L	88
33) Benzene	8.323	78	8160	0.739	ug/L	100
34) Trichloroethene	9.091	95	11018	3.629	ug/L	92
39) cis-1,3-Dichloropropene	10.030	75	3012	0.727	ug/L	95
42) Toluene	10.390	91	15787	1.276	ug/L	96
46) Tetrachloroethene	10.859	164	80636	35.339	ug/L	89
52) Ethylbenzene	11.731	91	17610	1.279	ug/L	94
62) 1,3,5-Trimethylbenzene	13.249	105	1890	0.410	ug/L	96

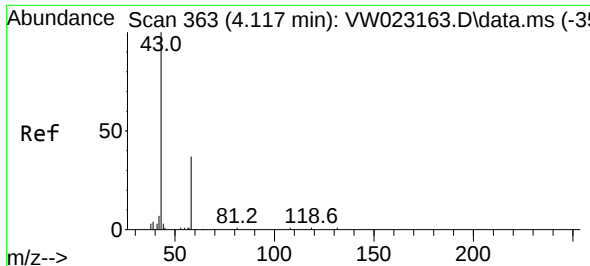
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration





#13

Acetone

Concen: 94.867 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW023171.D

Acq: 19 May 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

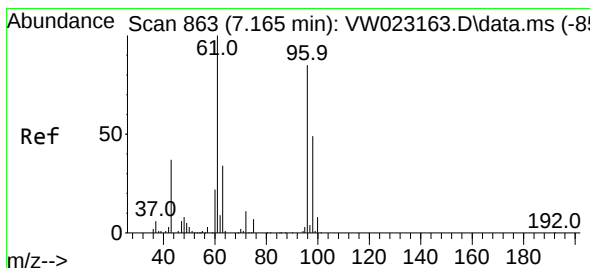
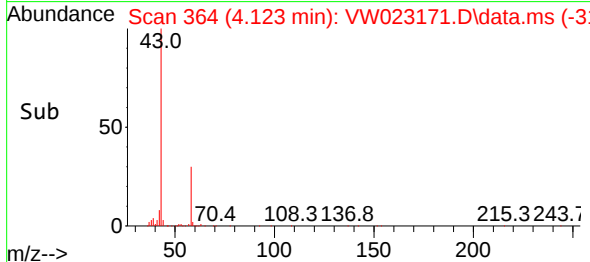
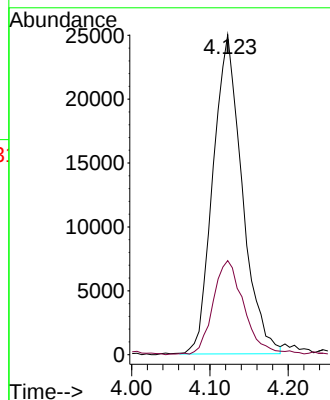
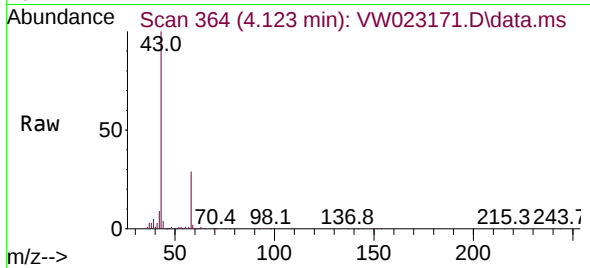
DBTF9

Tgt Ion: 43 Resp: 64703

Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.0



#20

cis-1,2-Dichloroethene

Concen: 1.944 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023171.D

Acq: 19 May 2022 14:17

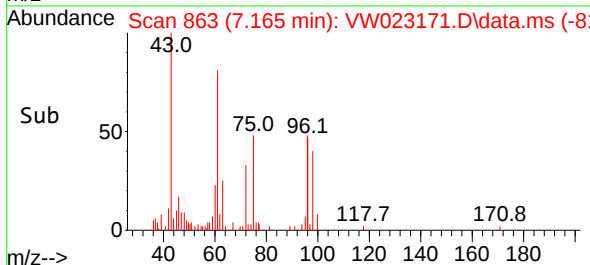
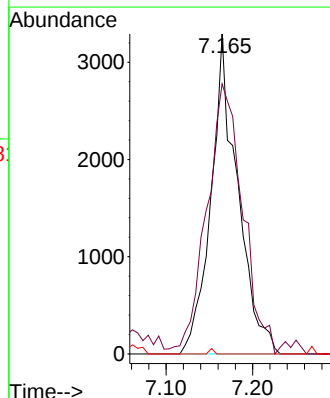
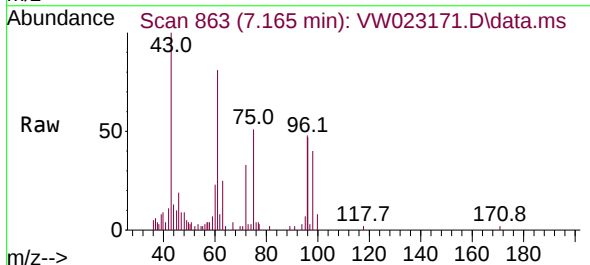
Tgt Ion: 96 Resp: 7030

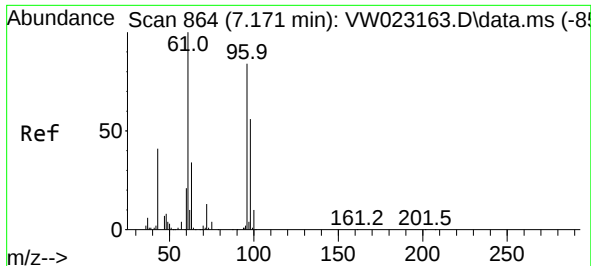
Ion Ratio Lower Upper

96 100

61 84.4 84.2 156.4

68 0.0 0.1 0.1#





#22

2-Butanone

Concen: 11.064 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW023171.D

Acq: 19 May 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

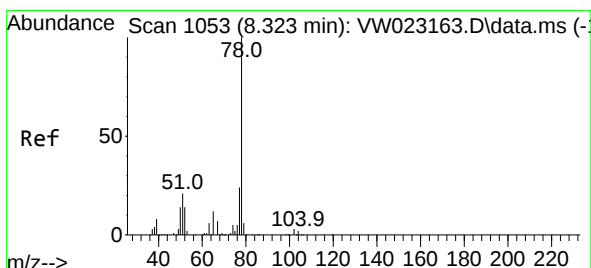
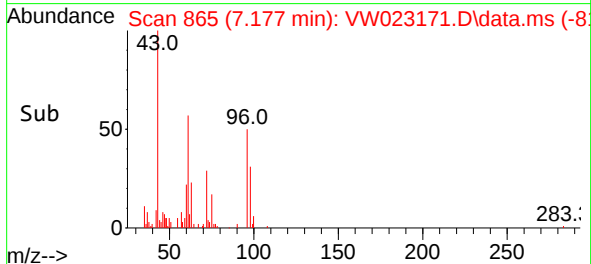
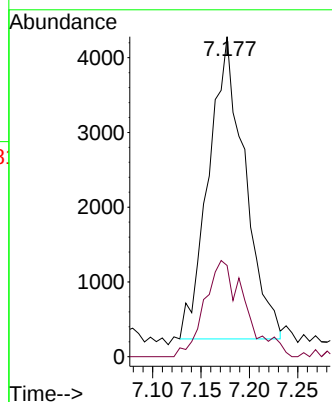
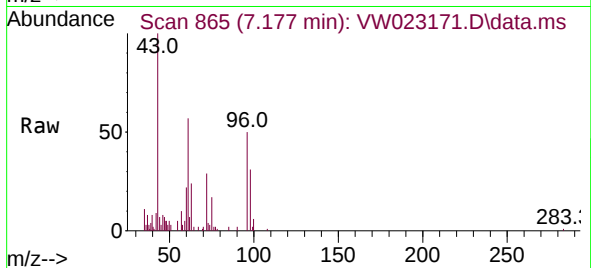
DBTF9

Tgt Ion: 43 Resp: 10553

Ion Ratio Lower Upper

43 100

72 23.5 15.1 45.3



#33

Benzene

Concen: 0.739 ug/L

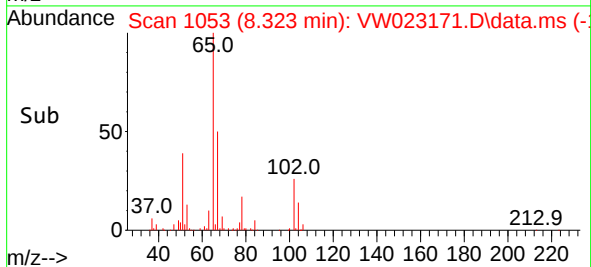
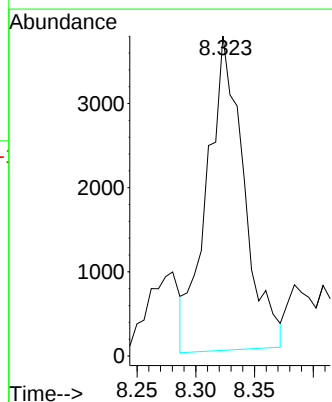
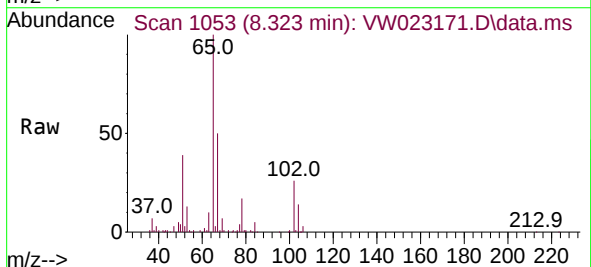
RT: 8.323 min Scan# 1053

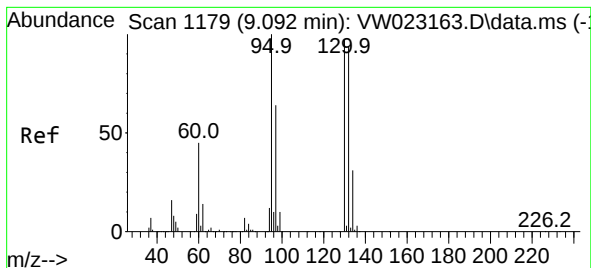
Delta R.T. -0.000 min

Lab File: VW023171.D

Acq: 19 May 2022 14:17

Tgt Ion: 78 Resp: 8160





#34

Trichloroethene

Concen: 3.629 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023171.D

Acq: 19 May 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

DBTF9

Tgt Ion: 95 Resp: 11018

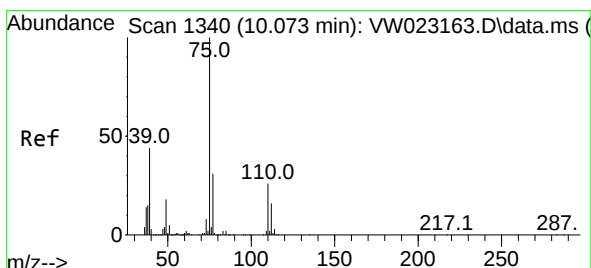
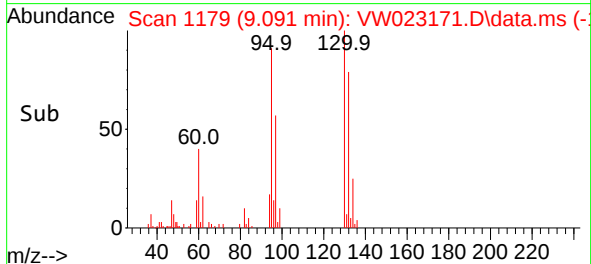
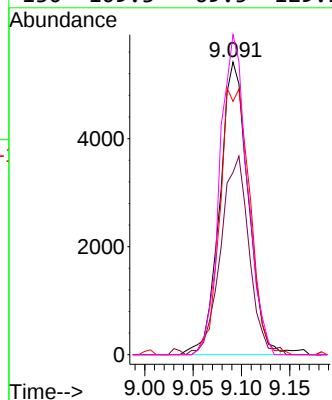
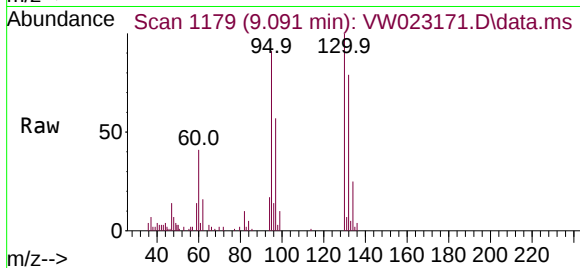
Ion Ratio Lower Upper

95 100

97 62.3 46.1 85.7

132 86.5 66.9 124.3

130 109.3 69.5 129.1



#39

cis-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW023171.D

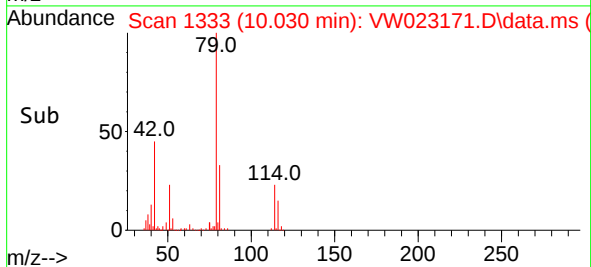
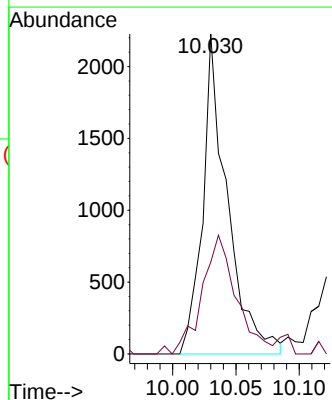
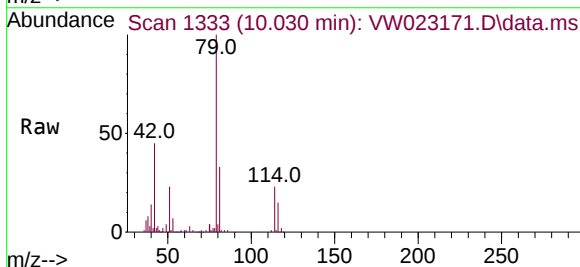
Acq: 19 May 2022 14:17

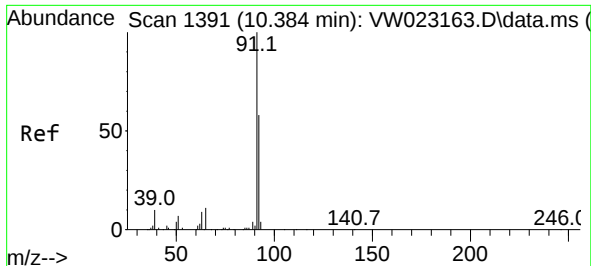
Tgt Ion: 75 Resp: 3012

Ion Ratio Lower Upper

75 100

77 28.7 22.1 41.1

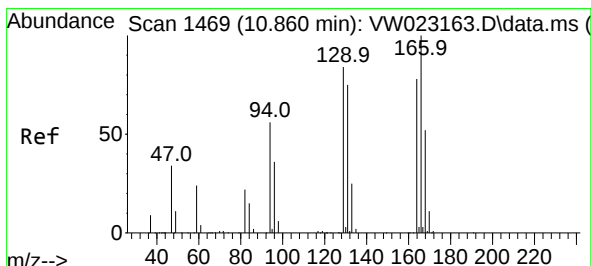
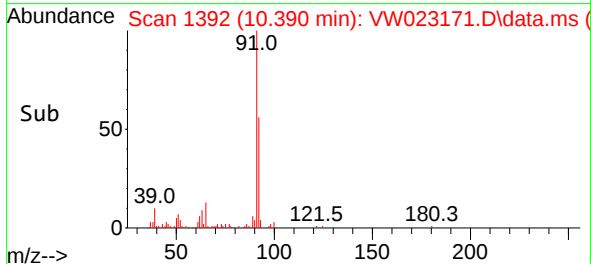
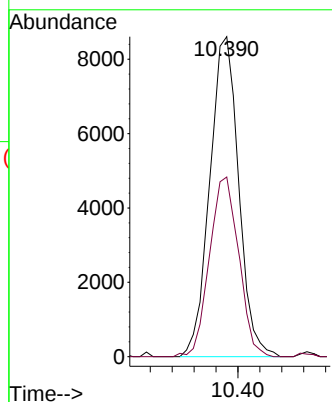
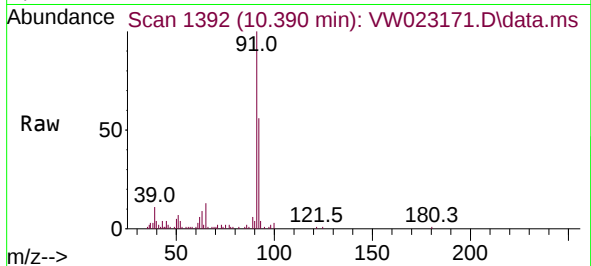




#42
Toluene
Concen: 1.276 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW023171.D
Acq: 19 May 2022 14:17

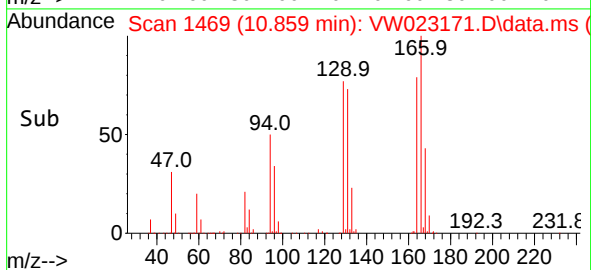
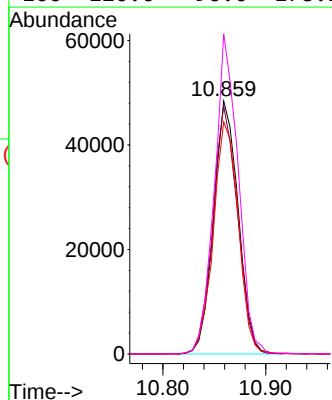
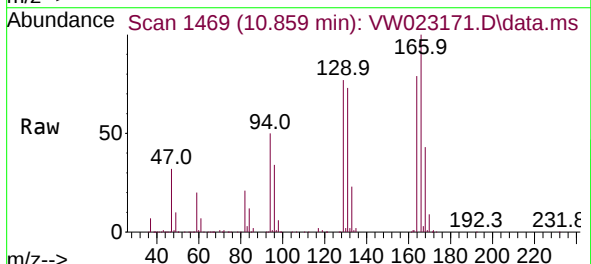
Instrument :
MSVOA_W
ClientSampleId :
DBTF9

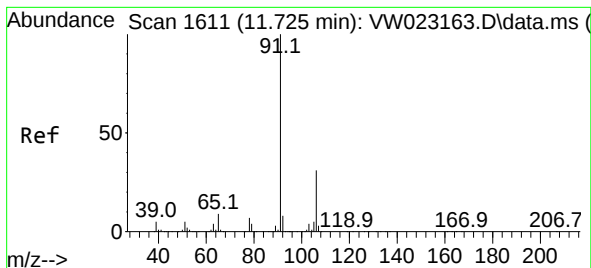
Tgt Ion: 91 Resp: 15787
Ion Ratio Lower Upper
91 100
92 56.1 41.6 77.2



#46
Tetrachloroethene
Concen: 35.339 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023171.D
Acq: 19 May 2022 14:17

Tgt Ion:164 Resp: 80636
Ion Ratio Lower Upper
164 100
129 98.0 76.9 142.7
131 91.8 75.1 139.5
166 126.6 96.0 178.2





#52

Ethylbenzene

Concen: 1.279 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023171.D

Acq: 19 May 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

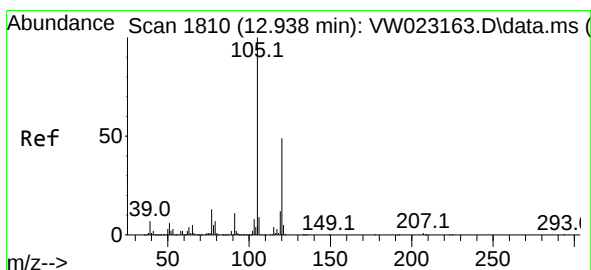
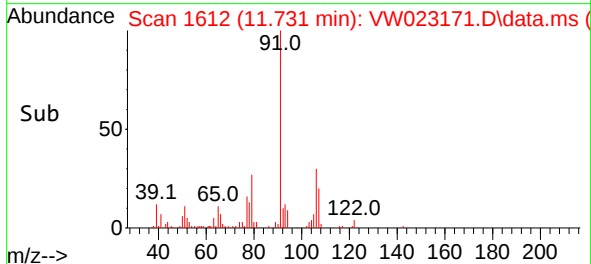
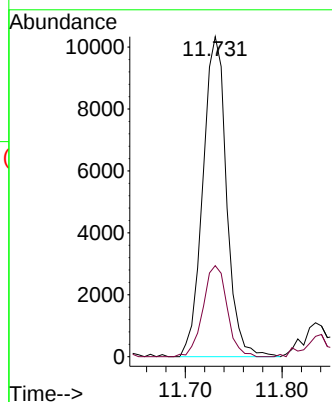
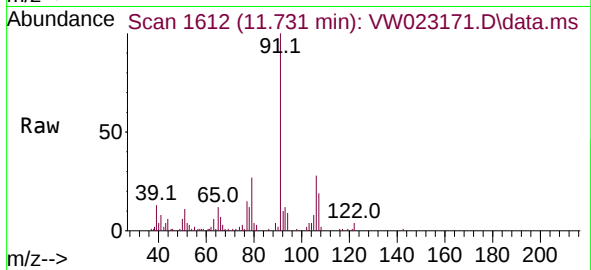
DBTF9

Tgt Ion: 91 Resp: 17610

Ion Ratio Lower Upper

91 100

106 28.5 22.3 41.3



#62

1,3,5-Trimethylbenzene

Concen: 0.410 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.311 min

Lab File: VW023171.D

Acq: 19 May 2022 14:17

Tgt Ion:105 Resp: 1890

Ion Ratio Lower Upper

105 100

120 46.0 38.9 58.3

