

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023226.D
 Acq On : 21 May 2022 03:00
 Operator : SY/VA
 Sample : N2929-05RE
 Misc : 6.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTF9RE

Quant Time: May 21 04:07:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 21 01:30:17 2022
 Response via : Initial Calibration

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

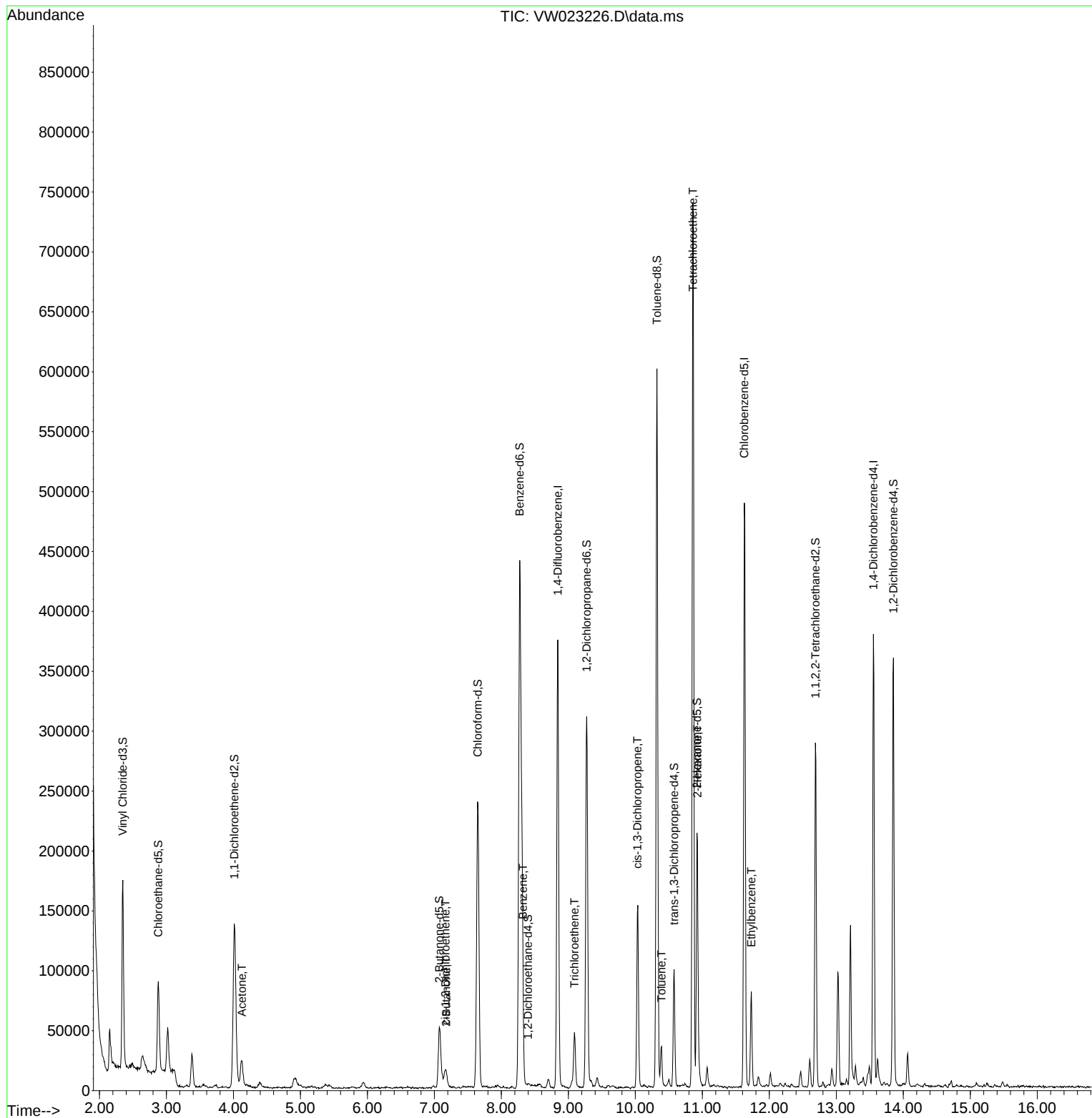
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	306637	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	272623	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	91924	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	136205	21.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.600%
7) Chloroethane-d5	2.879	69	85690	20.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.760%
11) 1,1-Dichloroethene-d2	4.013	63	133509	16.424	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.680%
21) 2-Butanone-d5	7.073	46	81755	68.349	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.700%#
24) Chloroform-d	7.647	84	242119	26.951	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	8.396	65	169	0.034	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.274	84	443168	28.202	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.800%
36) 1,2-Dichloropropane-d6	9.274	67	137603	31.174	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.680%#
41) Toluene-d8	10.323	98	387659	25.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.160%
43) trans-1,3-Dichloroprop...	10.579	79	51255	25.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.880%
47) 2-Hexanone-d5	10.920	63	71143	84.429	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.860%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	135403	32.911	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.640%#
66) 1,2-Dichlorobenzene-d4	13.853	152	86961	27.062	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.240%
Target Compounds					Qvalue	
13) Acetone	4.129	43	38443	42.927	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	5834	1.229	ug/L #	90
22) 2-Butanone	7.177	43	7140	5.701	ug/L	87
33) Benzene	8.323	78	9166	0.571	ug/L	100
34) Trichloroethene	9.091	95	15427	3.493	ug/L	97
39) cis-1,3-Dichloropropene	10.030	75	4860	0.806	ug/L	92
42) Toluene	10.390	91	22902	1.272	ug/L	95
46) Tetrachloroethene	10.859	164	148375	44.701	ug/L	96
48) 2-Hexanone	10.926	43	10300	6.293	ug/L #	66
52) Ethylbenzene	11.731	91	38287	1.912	ug/L	89

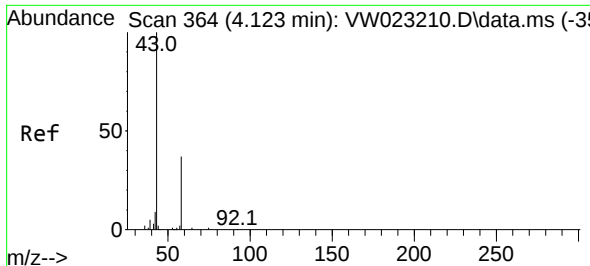
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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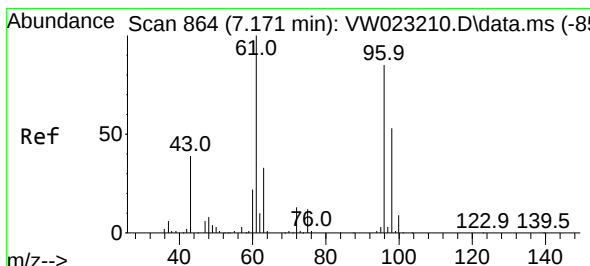
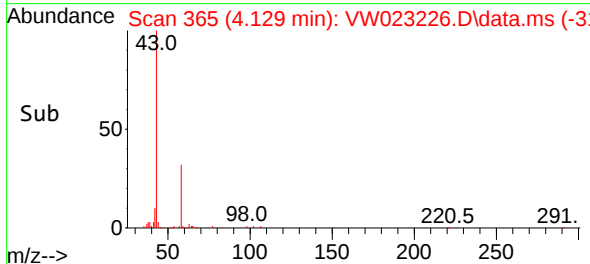
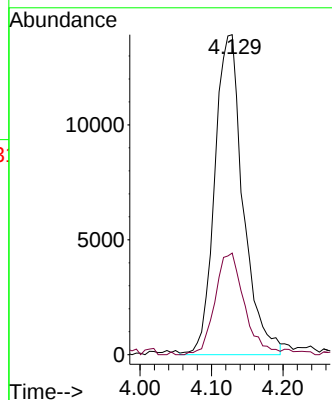
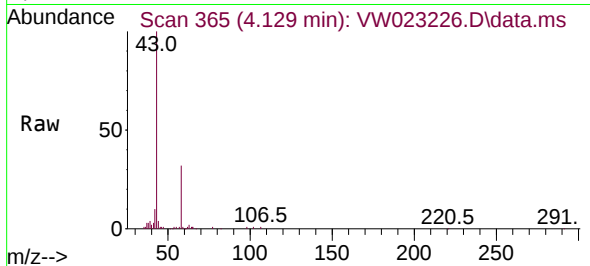




#13
Acetone
Concen: 42.927 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW023226.D
Acq: 21 May 2022 03:00

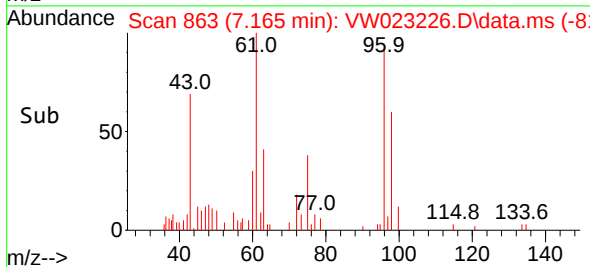
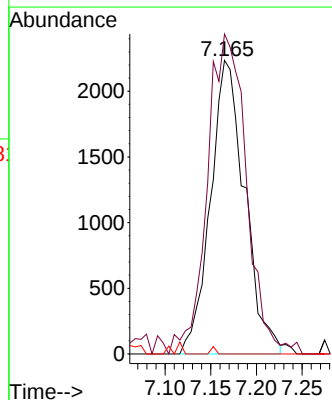
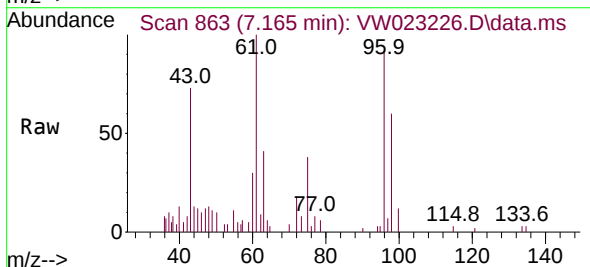
Instrument :
MSVOA_W
ClientSampleId :
DBTF9RE

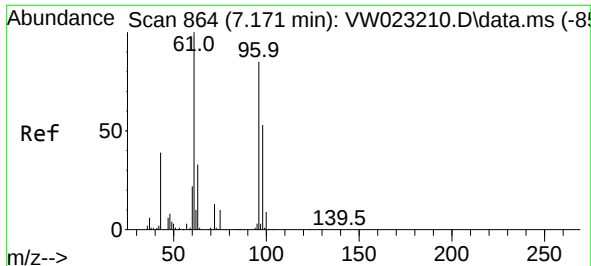
Tgt Ion: 43 Resp: 38443
Ion Ratio Lower Upper
43 100
58 32.7 0.0 64.0



#20
cis-1,2-Dichloroethene
Concen: 1.229 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023226.D
Acq: 21 May 2022 03:00

Tgt Ion: 96 Resp: 5834
Ion Ratio Lower Upper
96 100
61 109.0 84.2 156.4
68 0.0 0.1 0.1#

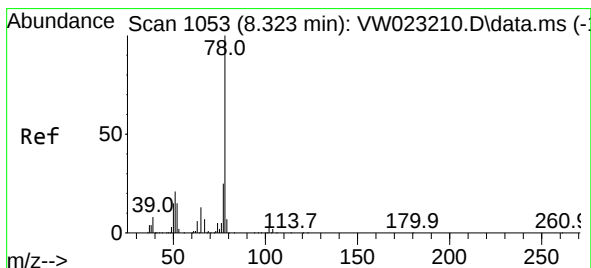
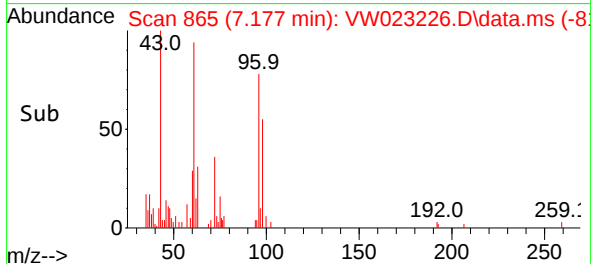
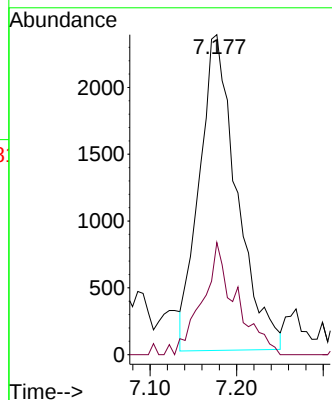
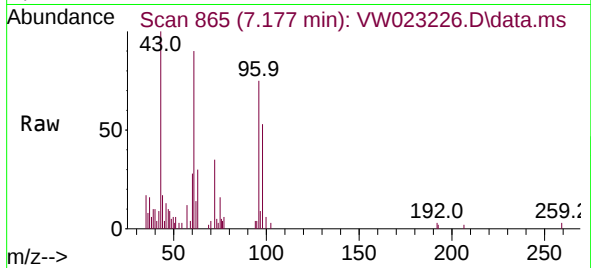




#22
2-Butanone
Concen: 5.701 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023226.D
Acq: 21 May 2022 03:00

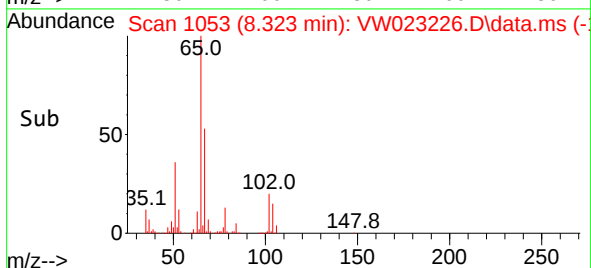
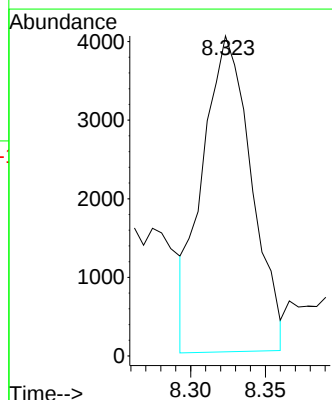
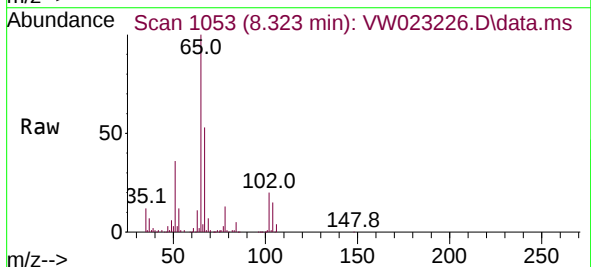
Instrument :
MSVOA_W
ClientSampleId :
DBTF9RE

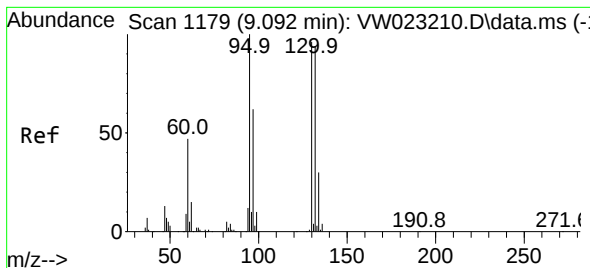
Tgt Ion: 43 Resp: 7140
Ion Ratio Lower Upper
43 100
72 23.2 15.1 45.3



#33
Benzene
Concen: 0.571 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023226.D
Acq: 21 May 2022 03:00

Tgt Ion: 78 Resp: 9166





#34

Trichloroethene

Concen: 3.493 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023226.D

Acq: 21 May 2022 03:00

Instrument :

MSVOA_W

ClientSampleId :

DBTF9RE

Tgt Ion: 95 Resp: 15427

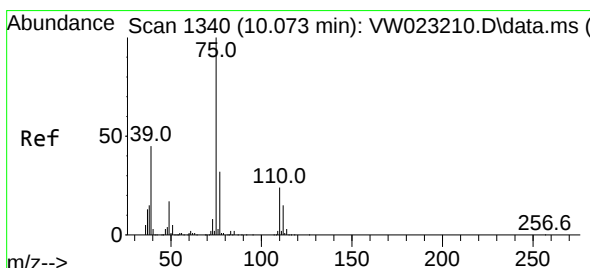
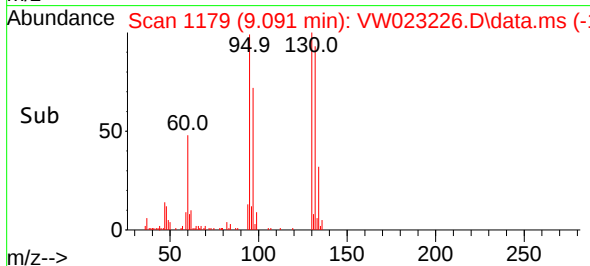
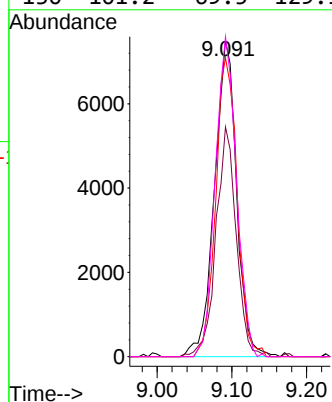
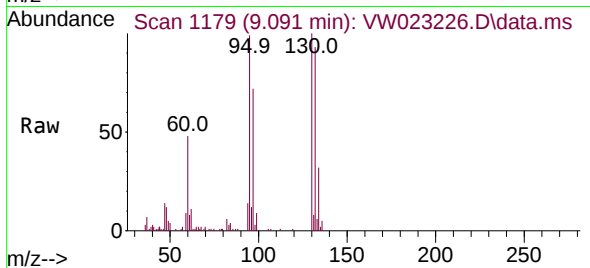
Ion Ratio Lower Upper

95 100

97 72.7 46.1 85.7

132 94.5 66.9 124.3

130 101.2 69.5 129.1



#39

cis-1,3-Dichloropropene

Concen: 0.806 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW023226.D

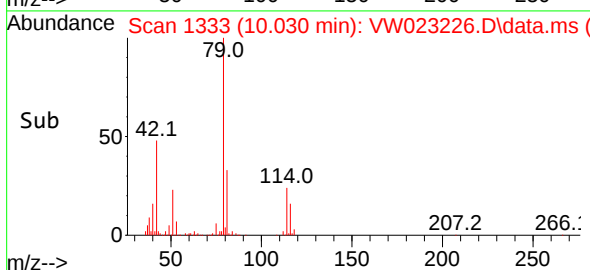
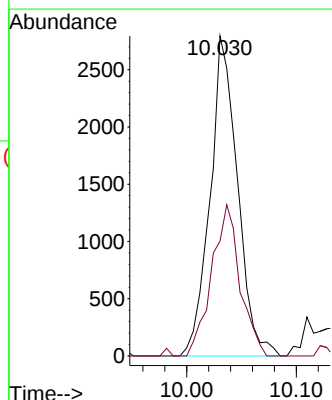
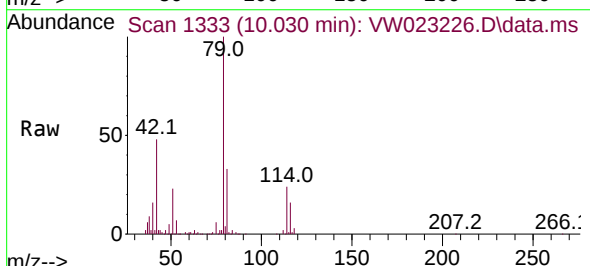
Acq: 21 May 2022 03:00

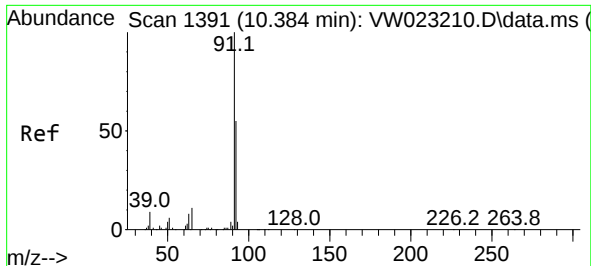
Tgt Ion: 75 Resp: 4860

Ion Ratio Lower Upper

75 100

77 36.0 22.1 41.1

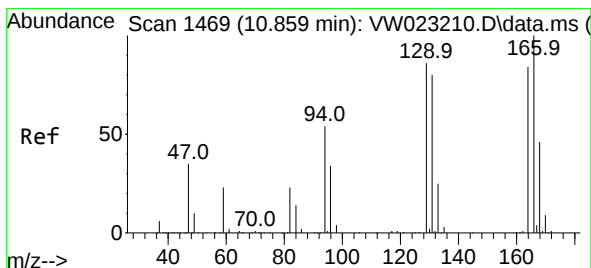
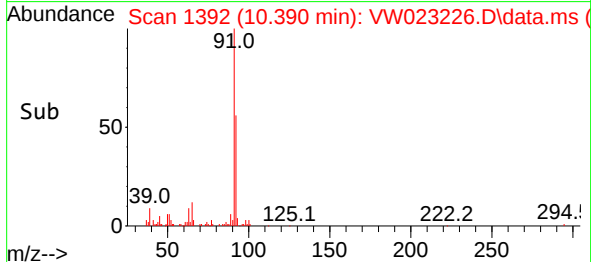
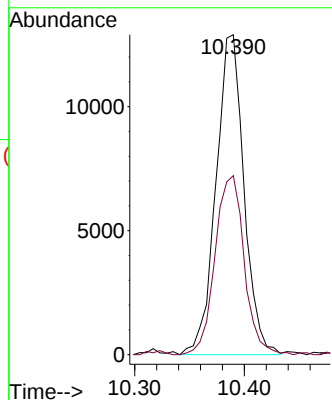
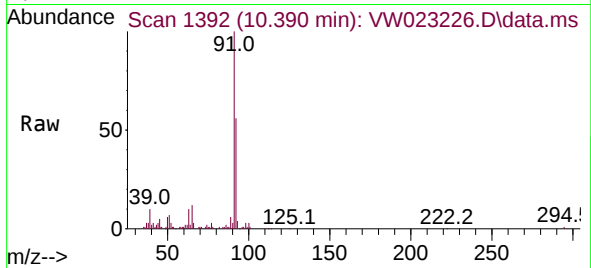




#42
Toluene
Concen: 1.272 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW023226.D
Acq: 21 May 2022 03:00

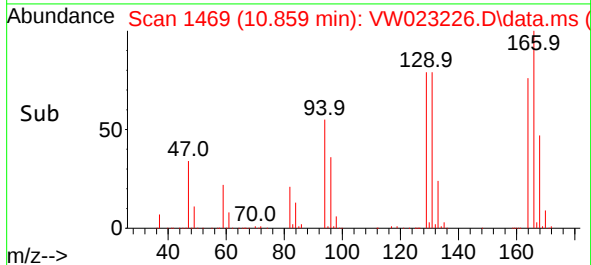
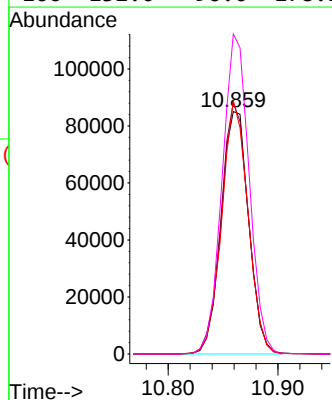
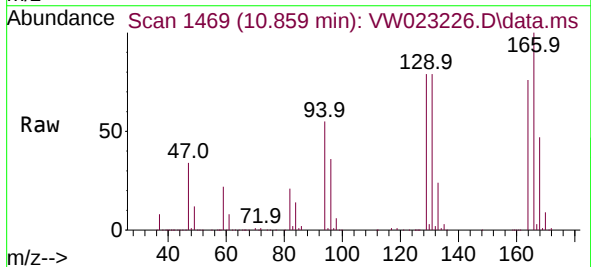
Instrument :
MSVOA_W
ClientSampleId :
DBTF9RE

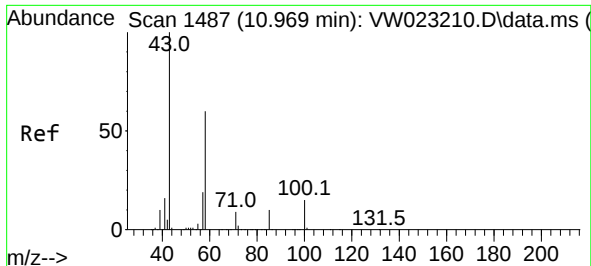
Tgt Ion: 91 Resp: 22902
Ion Ratio Lower Upper
91 100
92 55.9 41.6 77.2



#46
Tetrachloroethene
Concen: 44.701 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023226.D
Acq: 21 May 2022 03:00

Tgt Ion: 164 Resp: 148375
Ion Ratio Lower Upper
164 100
129 103.7 76.9 142.7
131 104.5 75.1 139.5
166 132.0 96.0 178.2

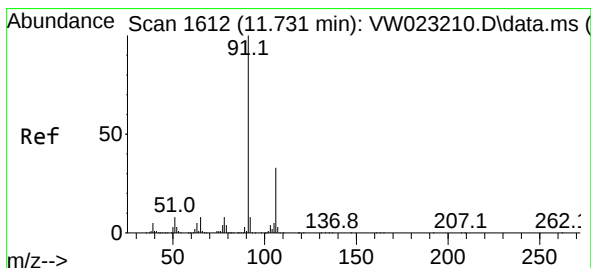
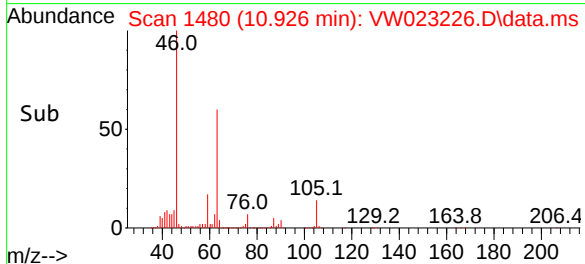
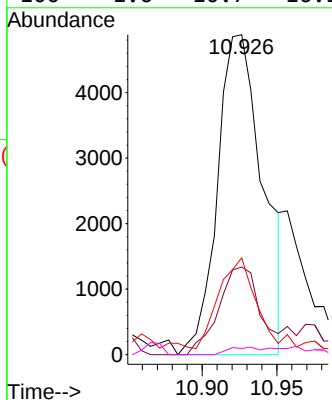
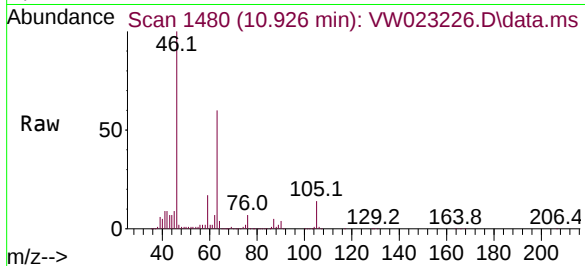




#48
2-Hexanone
Concen: 6.293 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW023226.D
Acq: 21 May 2022 03:00

Instrument :
MSVOA_W
ClientSampleId :
DBTF9RE

Tgt Ion: 43 Resp: 10300
Ion Ratio Lower Upper
43 100
58 25.2 45.9 68.9#
57 25.6 16.2 24.2#
100 1.6 10.7 16.1#



#52
Ethylbenzene
Concen: 1.912 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023226.D
Acq: 21 May 2022 03:00

Tgt Ion: 91 Resp: 38287
Ion Ratio Lower Upper
91 100
106 25.7 22.3 41.3

