

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021081.D
 Acq On : 03 Dec 2021 22:04
 Operator : SY/VA
 Sample : M4883-03
 Misc : 3.95g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F9

Quant Time: Dec 04 01:42:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

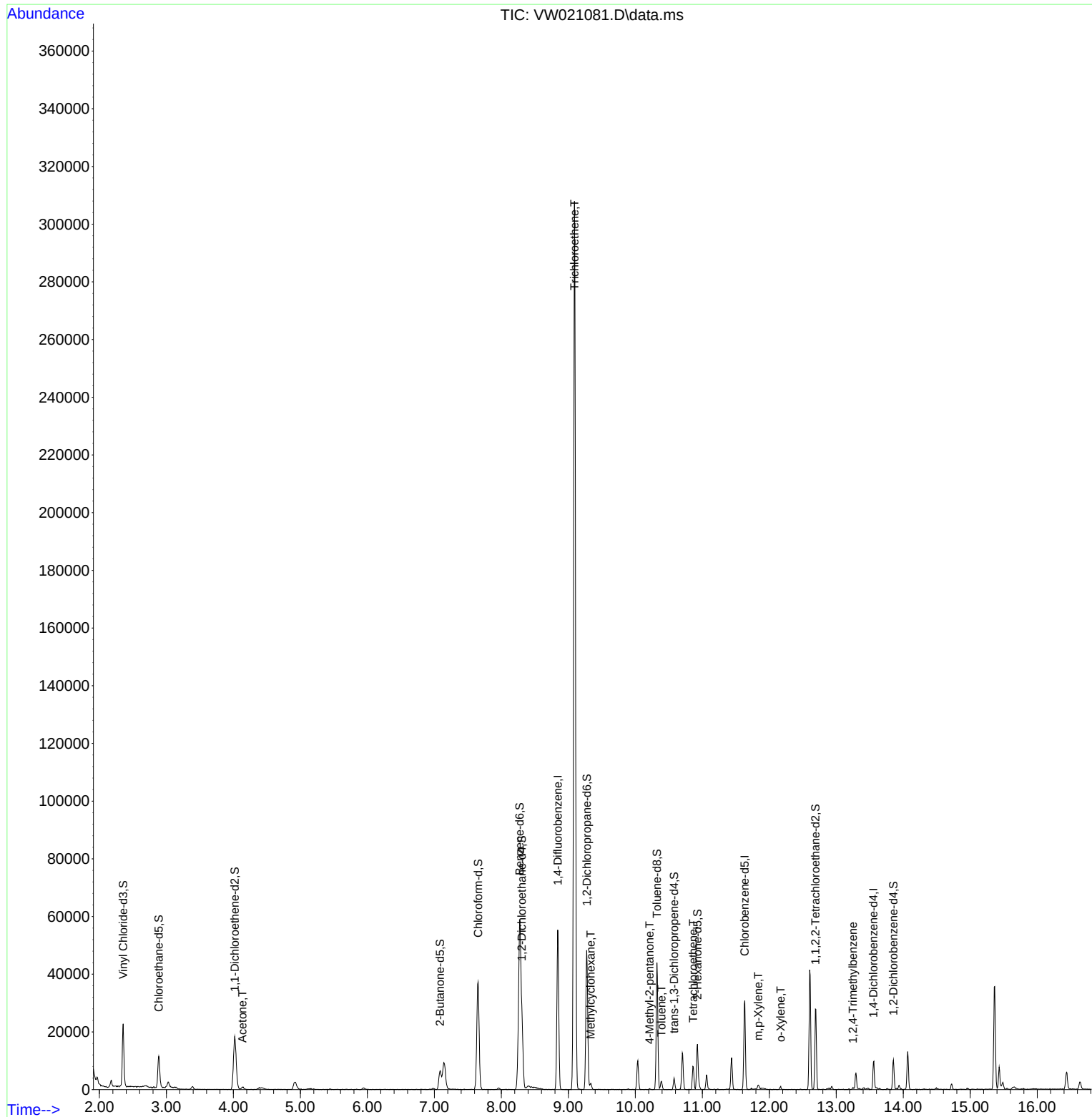
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	45928	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	16552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	2570	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	15526	24.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
7) Chloroethane-d5	2.885	69	12511	29.207	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.840%
11) 1,1-Dichloroethene-d2	4.019	63	16967	16.598	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.400%
21) 2-Butanone-d5	7.086	46	10974	75.186	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.380%#
24) Chloroform-d	7.653	84	37228	32.366	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	129.480%
26) 1,2-Dichloroethane-d4	8.305	65	16643	26.449	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	8.275	84	54243	64.093	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	256.360%#
36) 1,2-Dichloropropane-d6	9.274	67	20075	85.356	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	341.440%#
41) Toluene-d8	10.323	98	28026	32.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	129.200%
43) trans-1,3-Dichloroprop...	10.579	79	2041	19.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.440%
47) 2-Hexanone-d5	10.927	63	5103	113.405	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	226.820%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12953	59.531	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	238.120%#
66) 1,2-Dichlorobenzene-d4	13.853	152	3044	33.057	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	132.240%#
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	1607	12.087	ug/L	97
34) Trichloroethene	9.092	95	96539	371.767	ug/L	90
35) Methylcyclohexane	9.335	83	891	2.038	ug/L	86
40) 4-Methyl-2-pentanone	10.213	43	302	2.084	ug/L	# 84
42) Toluene	10.390	91	2338	2.175	ug/L	95
46) Tetrachloroethene	10.866	164	1912	8.041	ug/L	74
53) m,p-Xylene	11.835	106	525	1.049	ug/L	93
54) o-Xylene	12.170	106	398	0.843	ug/L	79
63) 1,2,4-Trimethylbenzene	13.249	105	617	2.051	ug/L	87

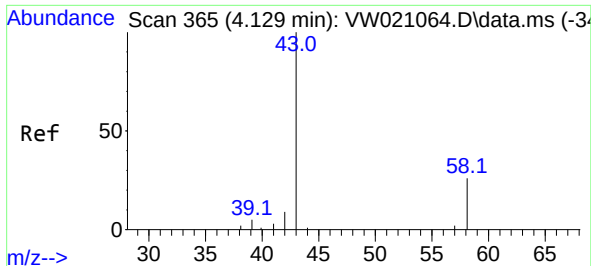
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration

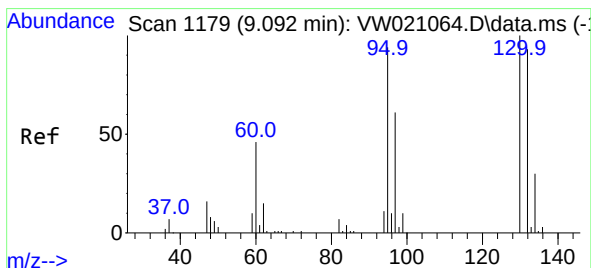
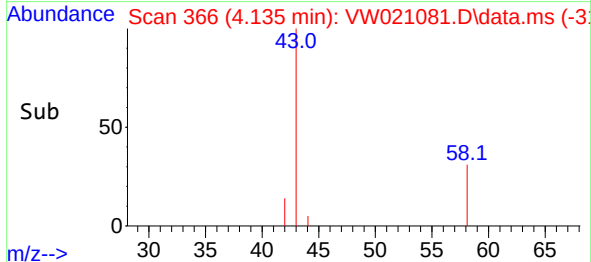
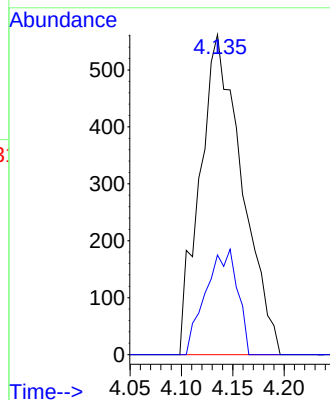
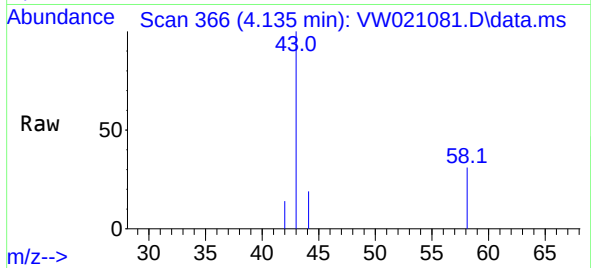




#13
Acetone
Concen: 12.087 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW021081.D
Acq: 03 Dec 2021 22:04

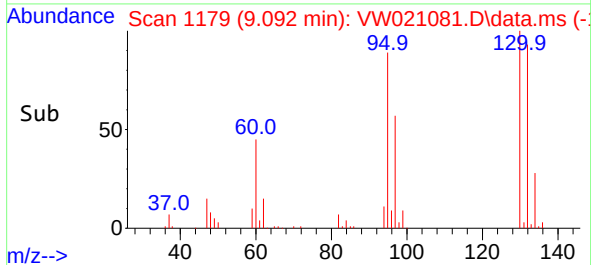
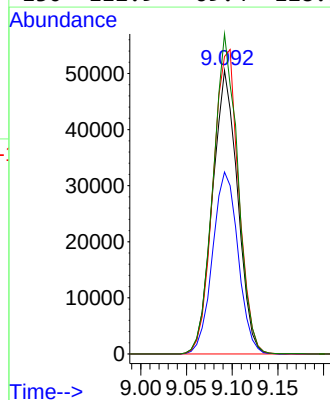
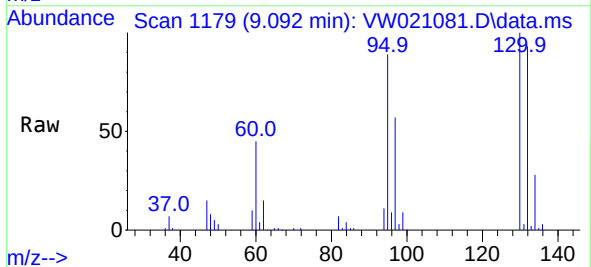
Instrument :
MSVOA_W
ClientSampleId :
EW9F9

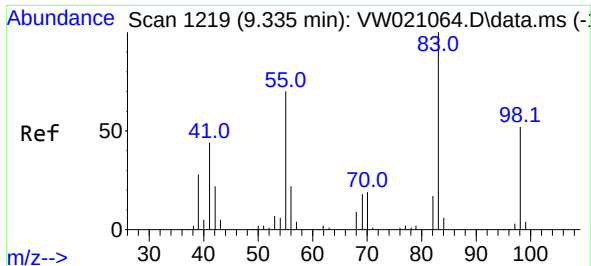
Tgt Ion: 43 Resp: 1607
Ion Ratio Lower Upper
43 100
58 24.8 0.0 52.8



#34
Trichloroethene
Concen: 371.767 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021081.D
Acq: 03 Dec 2021 22:04

Tgt Ion: 95 Resp: 96539
Ion Ratio Lower Upper
95 100
97 64.2 47.0 87.2
132 104.9 65.5 121.6
130 112.9 69.4 128.8





#35

Methylcyclohexane

Concen: 2.038 ug/L

RT: 9.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021081.D

Acq: 03 Dec 2021 22:04

Instrument :

MSVOA_W

ClientSampleId :

EW9F9

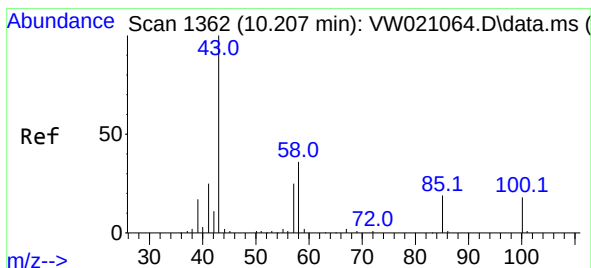
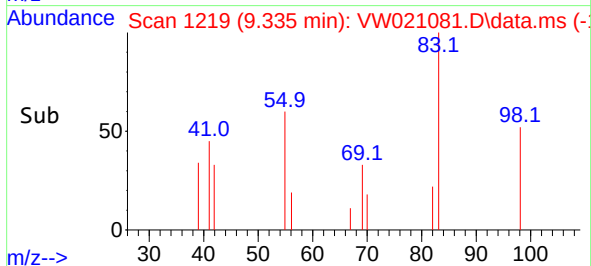
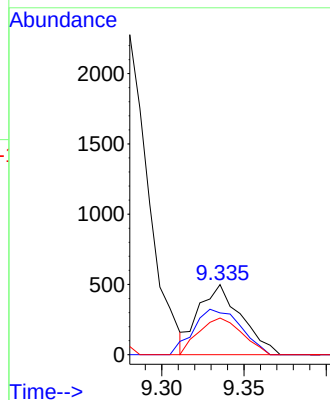
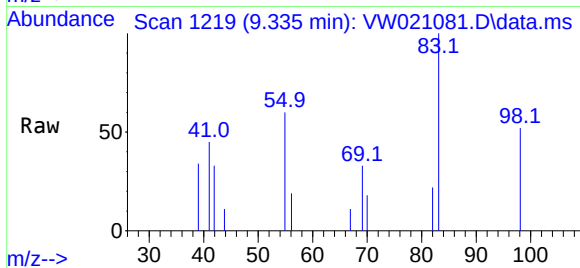
Tgt Ion: 83 Resp: 891

Ion Ratio Lower Upper

83 100

55 73.1 70.8 106.2

98 53.8 37.7 56.5



#40

4-Methyl-2-pentanone

Concen: 2.084 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021081.D

Acq: 03 Dec 2021 22:04

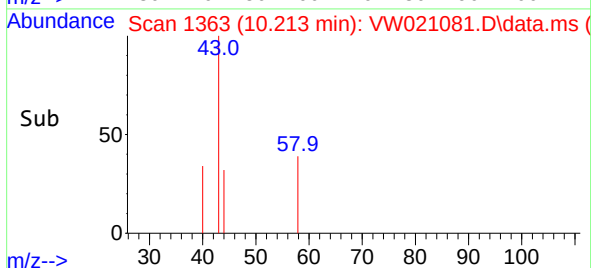
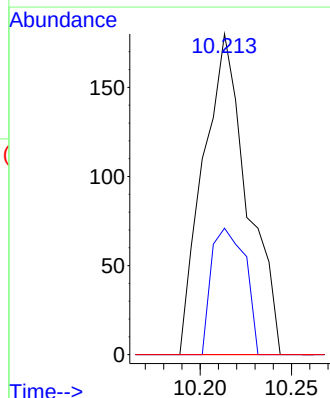
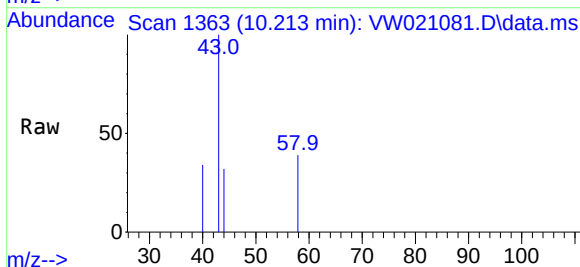
Tgt Ion: 43 Resp: 302

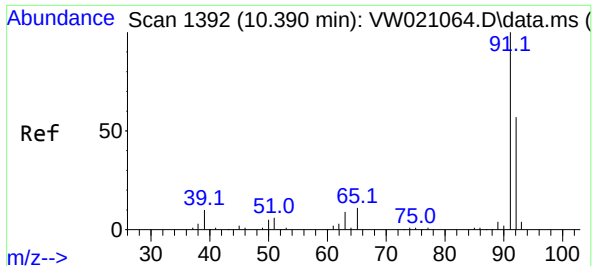
Ion Ratio Lower Upper

43 100

58 30.1 28.8 43.2

100 0.0 10.0 15.0#

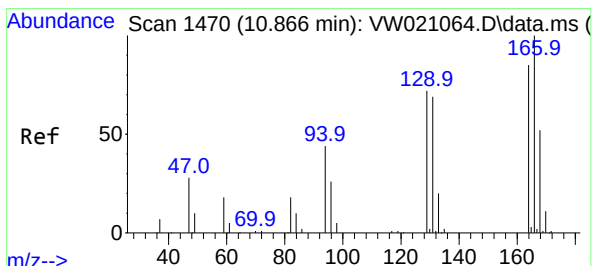
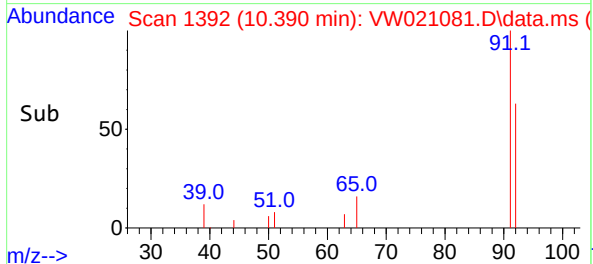
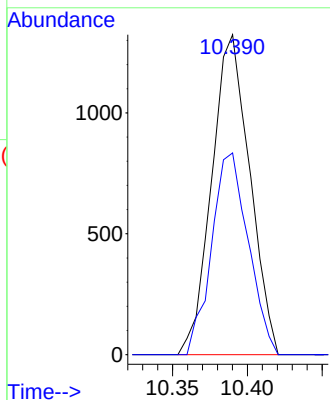
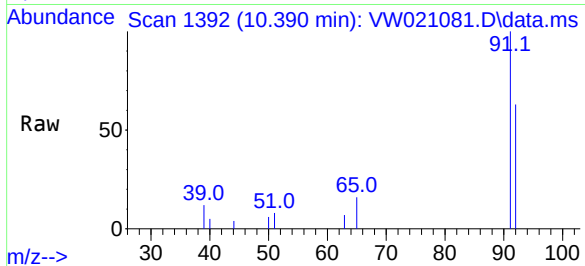




#42
Toluene
Concen: 2.175 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021081.D
Acq: 03 Dec 2021 22:04

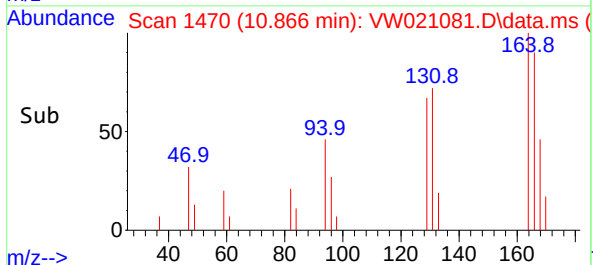
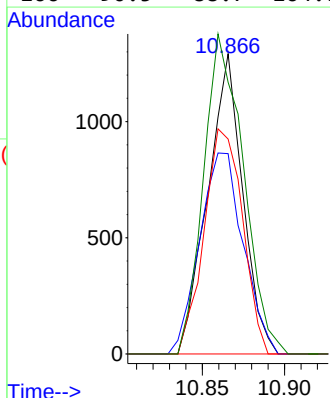
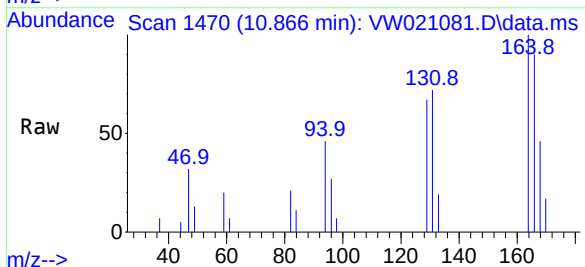
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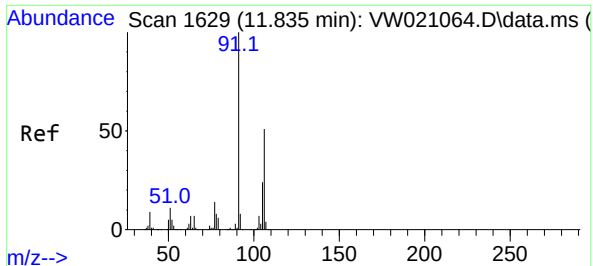
Tgt Ion: 91 Resp: 2338
Ion Ratio Lower Upper
91 100
92 63.1 41.7 77.5



#46
Tetrachloroethene
Concen: 8.041 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021081.D
Acq: 03 Dec 2021 22:04

Tgt Ion:164 Resp: 1912
Ion Ratio Lower Upper
164 100
129 66.7 65.5 121.7
131 71.6 59.7 110.9
166 90.5 88.7 164.7

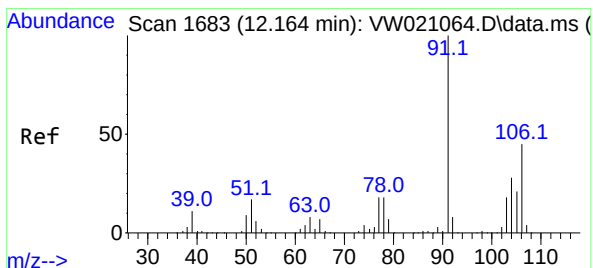
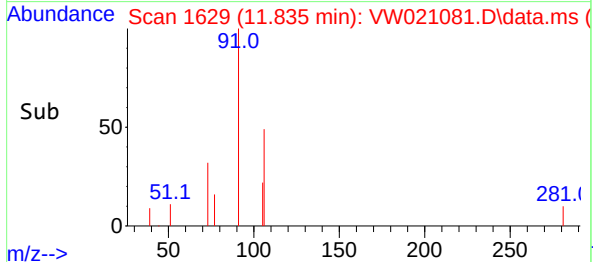
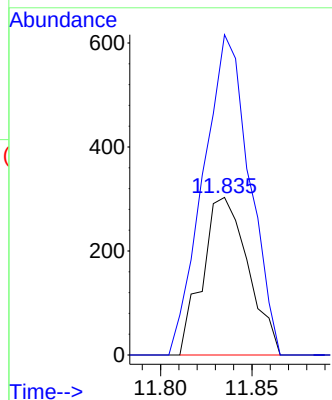
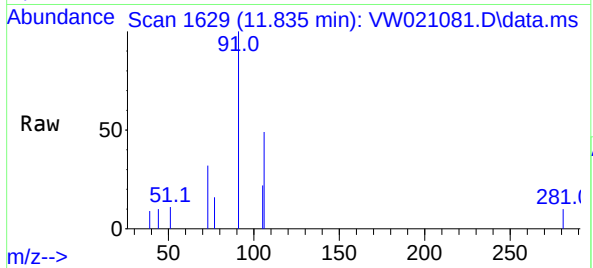




#53
m,p-Xylene
Concen: 1.049 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021081.D
Acq: 03 Dec 2021 22:04

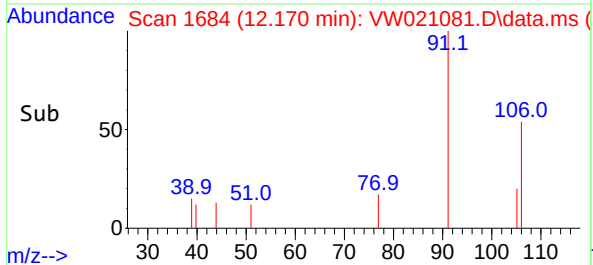
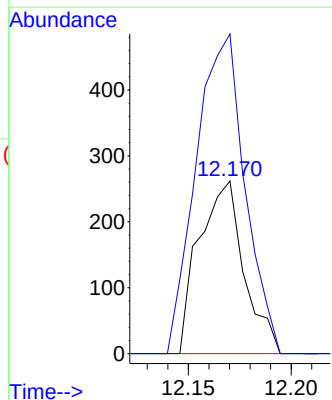
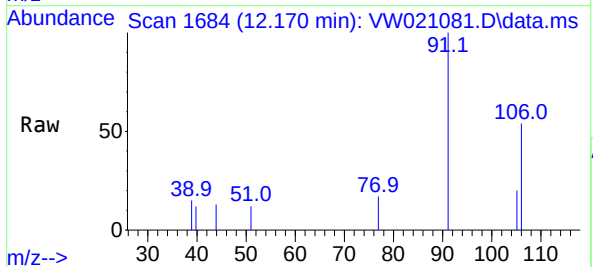
Instrument :
MSVOA_W
ClientSampleId :
EW9F9

Tgt Ion:106 Resp: 525
Ion Ratio Lower Upper
106 100
91 203.3 149.9 278.3

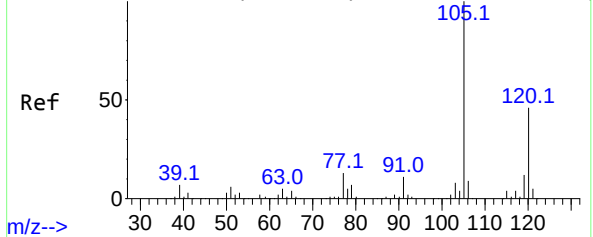


#54
o-Xylene
Concen: 0.843 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW021081.D
Acq: 03 Dec 2021 22:04

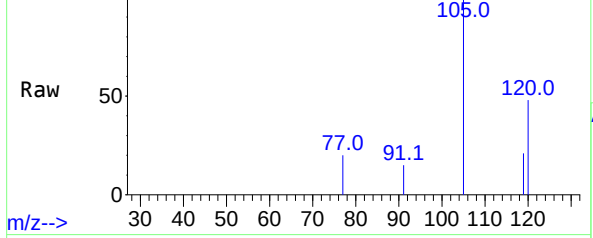
Tgt Ion:106 Resp: 398
Ion Ratio Lower Upper
106 100
91 185.1 153.6 285.3



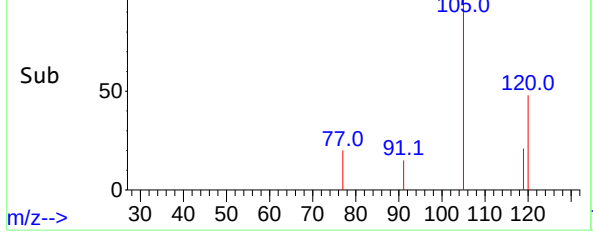
Abundance Scan 1861 (13.249 min): VW021064.D\data.ms (



Abundance Scan 1861 (13.249 min): VW021081.D\data.ms



Abundance Scan 1861 (13.249 min): VW021081.D\data.ms (



#63
1,2,4-Trimethylbenzene
Concen: 2.051 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021081.D
Acq: 03 Dec 2021 22:04

Instrument :
MSVOA_W
ClientSampleId :
EW9F9

Tgt Ion:105 Resp: 617
Ion Ratio Lower Upper
105 100
120 35.3 35.0 52.6

