

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
 Data File : VW019960.D
 Acq On : 31 Aug 2021 15:59
 Operator : SY/VA
 Sample : M3579-15RE
 Misc : 6.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 GB6B7RE

Manual Integrations
 APPROVED

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 9/1/2021 6:41:02 PM

Quant Time: Sep 01 01:05:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 01 00:59:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	61989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	63733	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	23842	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	130283	135.648	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	542.600%#	
7) Chloroethane-d5	2.897	69	116382	138.053	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	552.200%#	
11) 1,1-Dichloroethene-d2	4.019	63	149639	89.787	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	=	359.160%#	
21) 2-Butanone-d5	7.080	46	65250	334.462	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	668.920%#	
24) Chloroform-d	7.653	84	229267	134.484	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	537.920%#	
26) 1,2-Dichloroethane-d4	8.311	65	136462	148.537	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	594.160%#	
32) Benzene-d6	8.281	84	442791	121.850	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	487.400%#	
36) 1,2-Dichloropropane-d6	9.280	67	140727	127.882	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	511.520%#	
41) Toluene-d8	10.329	98	386384	116.027	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	464.120%#	
43) trans-1,3-Dichloroprop...	10.579	79	58518	128.720	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	514.880%#	
47) 2-Hexanone-d5	10.926	63	51231	334.183	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	668.360%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	129946	145.085	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	580.320%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	117742	143.968	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	575.880%#	
Target Compounds					Qvalue	
13) Acetone	4.129	43	3775	22.667	ug/L	96
16) Methylene chloride	4.927	84	4955	4.657	ug/L	92
20) cis-1,2-Dichloroethene	7.177	96	14111	15.810	ug/L	100
33) Benzene	8.329	78	1842	0.471	ug/L	100
34) Trichloroethene	9.097	95	4714	4.636	ug/L	94
35) Methylcyclohexane	9.341	83	455	0.261	ug/L #	77
42) Toluene	10.390	91	11658	2.814	ug/L	93
46) Tetrachloroethene	10.865	164	124363	161.453	ug/L	93
52) Ethylbenzene	11.731	91	4990	1.119	ug/L	97
53) m,p-Xylene	11.847	106	940m	0.549	ug/L	
54) o-Xylene	12.164	106	458	0.283	ug/L	75
63) 1,2,4-Trimethylbenzene	13.249	105	1479	0.566	ug/L	91

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

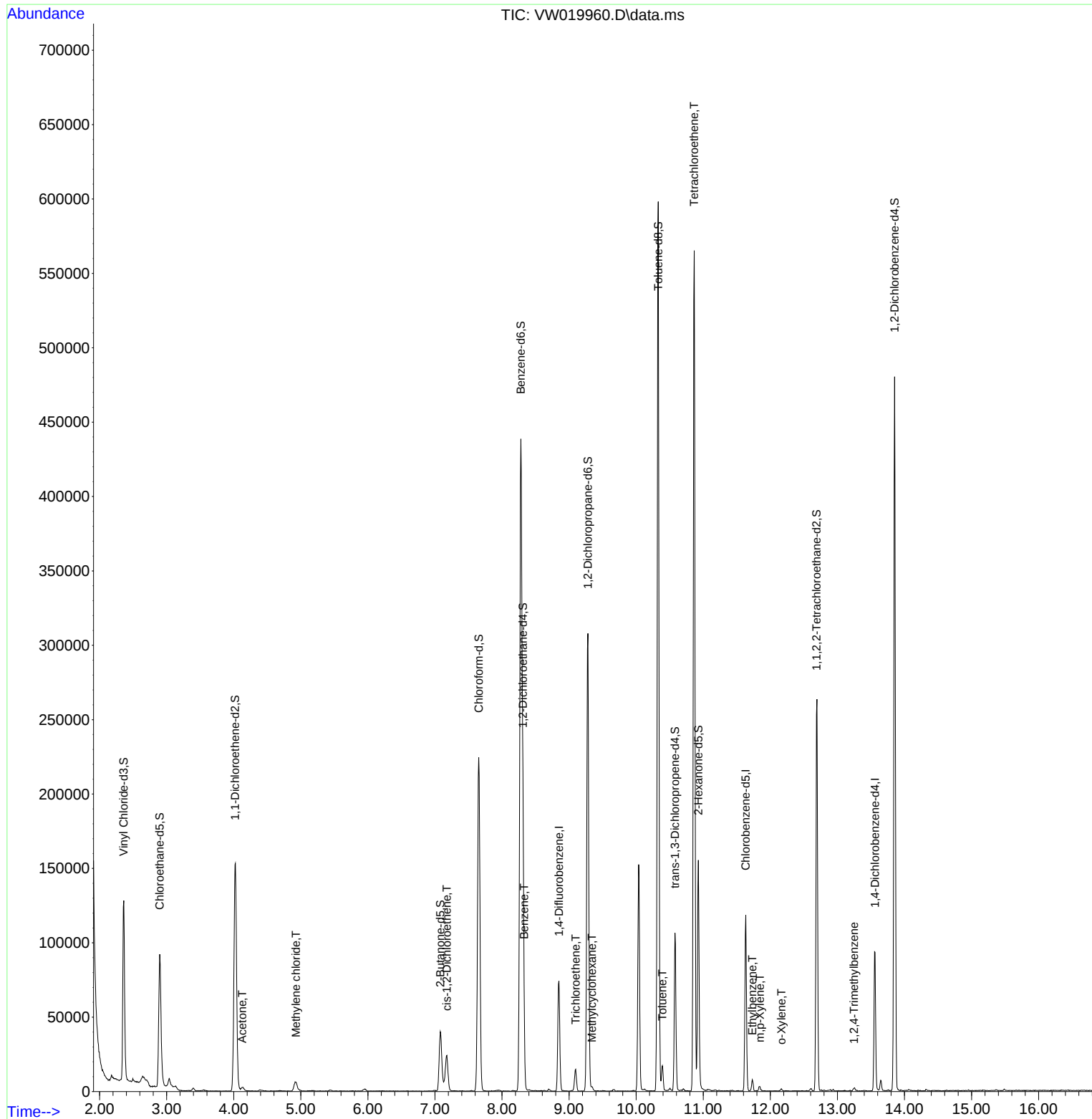
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
Data File : VW019960.D
Acq On : 31 Aug 2021 15:59
Operator : SY/VA
Sample : M3579-15RE
Misc : 6.15g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

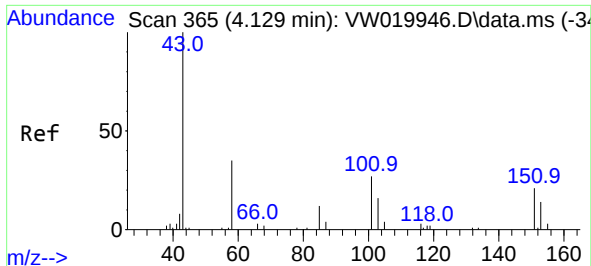
Instrument :
MSVOA_W
ClientSampleId :
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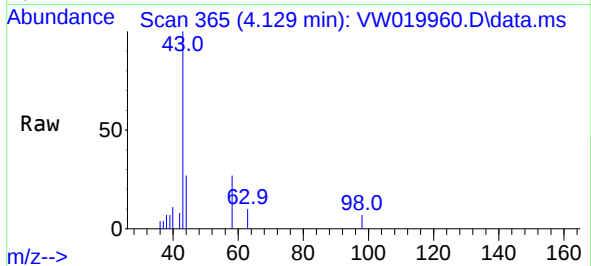
Quant Time: Sep 01 01:05:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 01 00:59:56 2021
Response via : Initial Calibration





#13
Acetone
Concen: 22.667 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

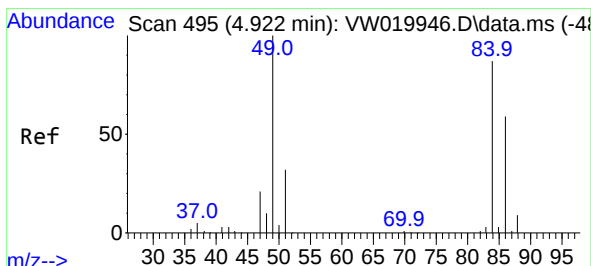
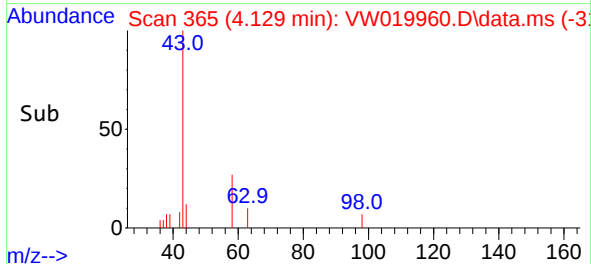
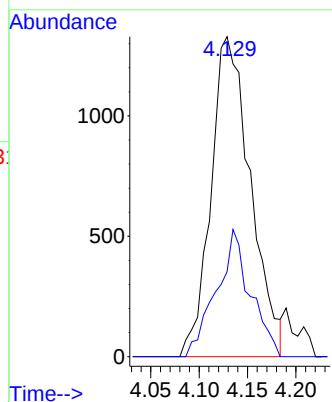
Instrument :
MSVOA_W
ClientSampled :
GB6B7RE



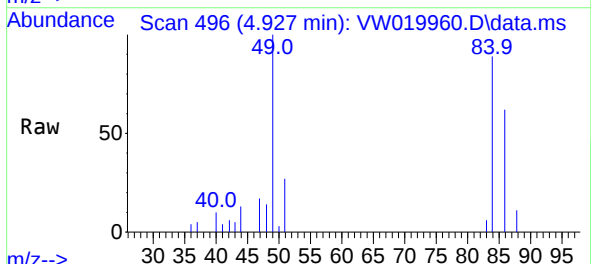
Tgt Ion: 43 Resp: 3775
Ion Ratio Lower Upper
43 100
58 28.7 0.0 53.8

Manual Integrations
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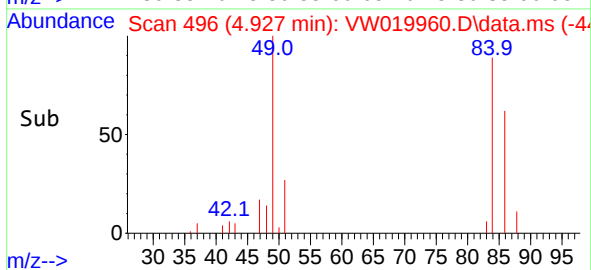
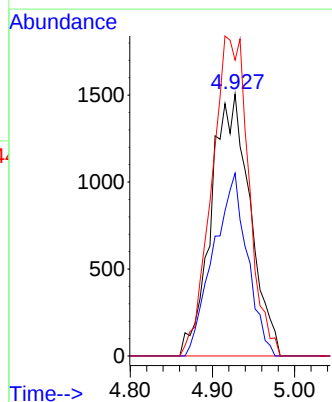
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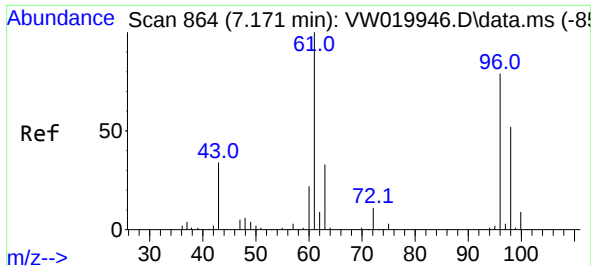


#16
Methylene chloride
Concen: 4.657 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

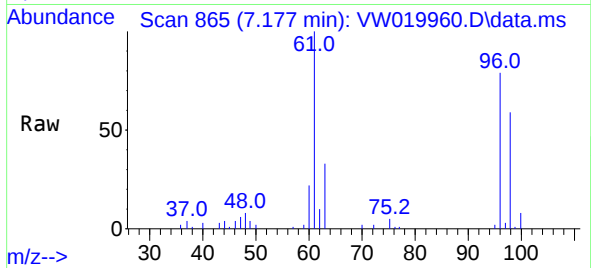


Tgt Ion: 84 Resp: 4955
Ion Ratio Lower Upper
84 100
86 69.8 45.3 84.1
49 112.9 86.6 160.8



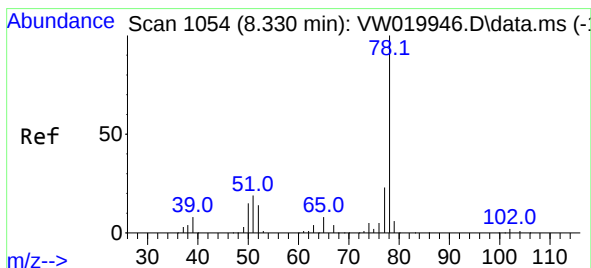
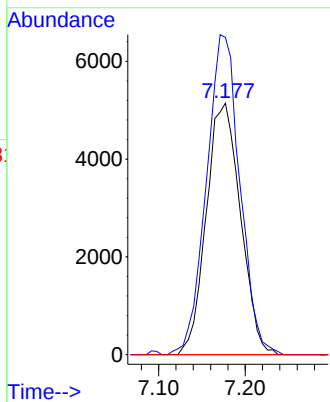
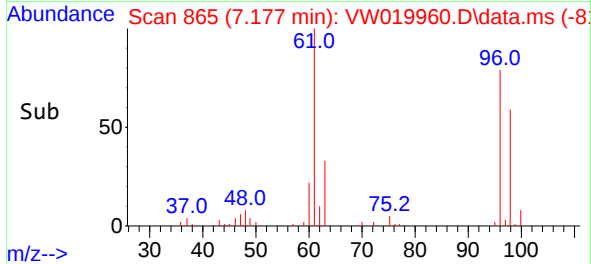


#20
cis-1,2-Dichloroethene
Concen: 15.810 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

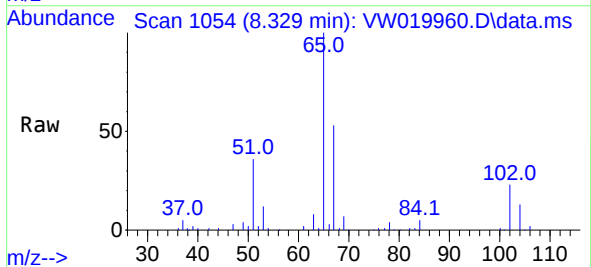


Tgt Ion: 96 Resp: 14111

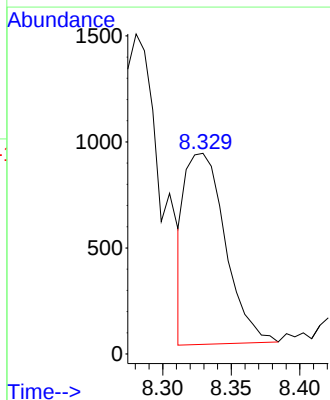
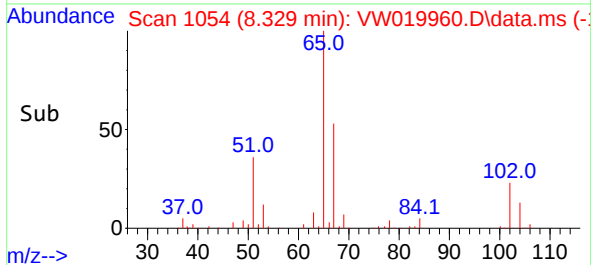
Ion	Ratio	Lower	Upper
96	100		
61	126.1	88.5	164.3
68	0.0	0.0	0.0



#33
Benzene
Concen: 0.471 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59



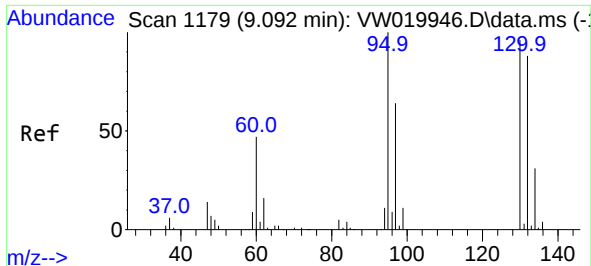
Tgt Ion: 78 Resp: 1842



Instrument :
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ClientSampleId :
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#34

Trichloroethene

Concen: 4.636 ug/L

RT: 9.097 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW019960.D

Acq: 31 Aug 2021 15:59

Tgt Ion: 95 Resp: 4714

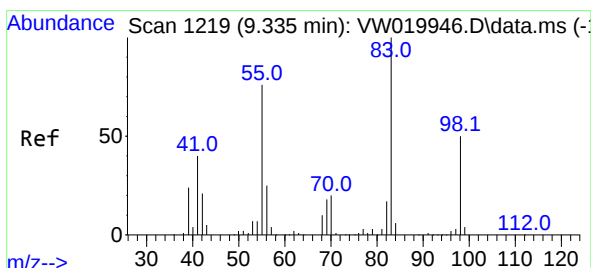
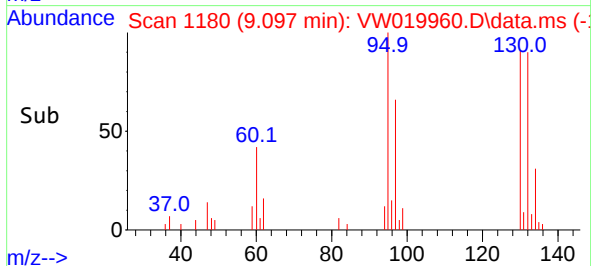
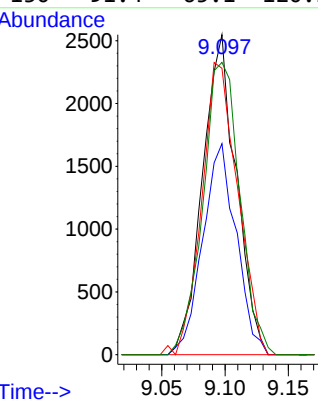
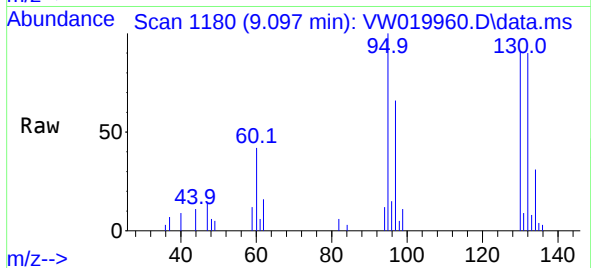
Ion Ratio Lower Upper

95 100

97 66.0 47.3 87.8

132 89.5 71.0 131.8

130 91.4 65.1 120.9



#35

Methylcyclohexane

Concen: 0.261 ug/L

RT: 9.341 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW019960.D

Acq: 31 Aug 2021 15:59

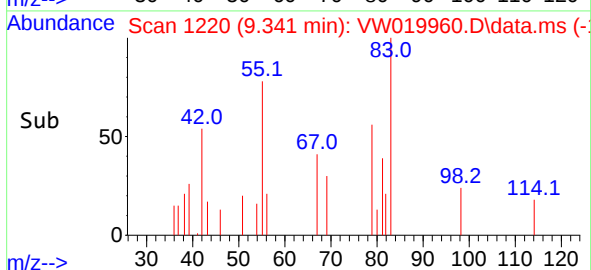
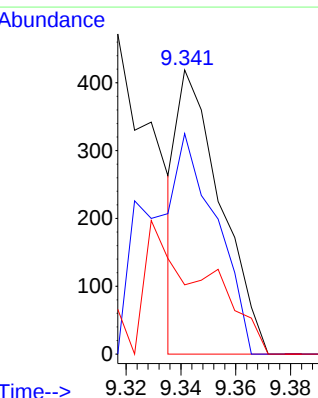
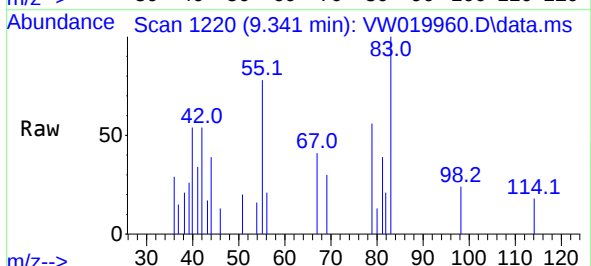
Tgt Ion: 83 Resp: 455

Ion Ratio Lower Upper

83 100

55 87.3 58.9 88.3

98 28.1 40.1 60.1#



Instrument :

MSVOA_W

ClientSampled :

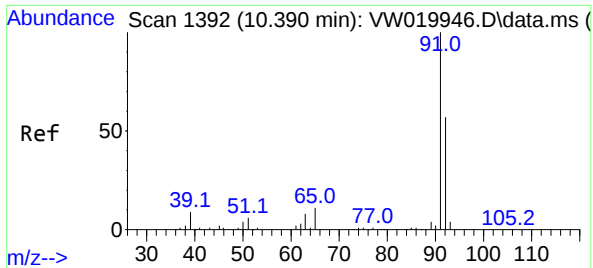
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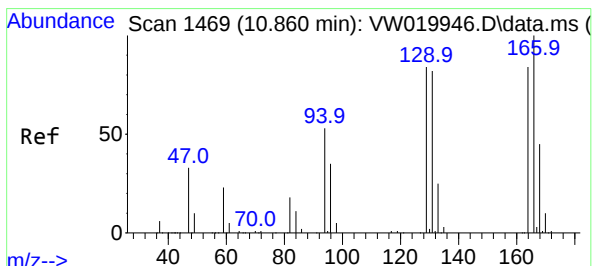
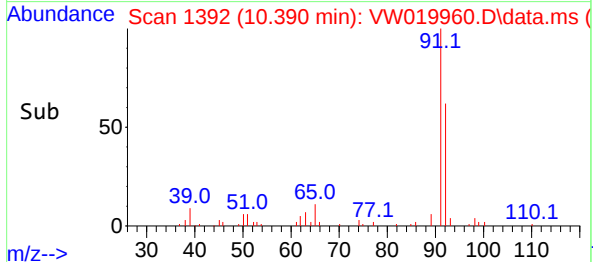
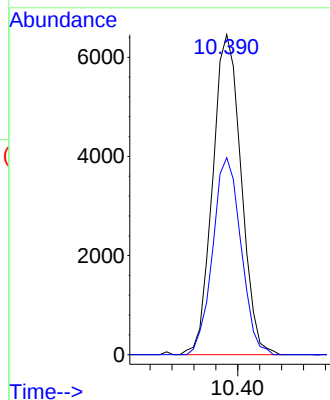
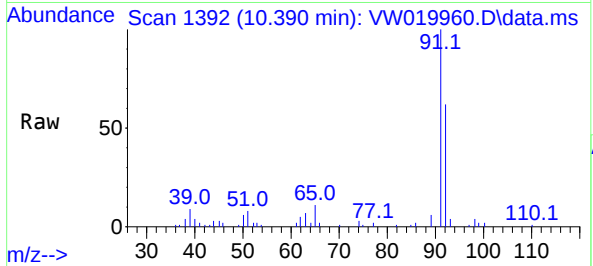
#42
Toluene
Concen: 2.814 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Instrument :
MSVOA_W
ClientSampleId :
GB6B7RE

Tgt Ion: 91 Resp: 11658
Ion Ratio Lower Upper
91 100
92 61.6 39.5 73.3

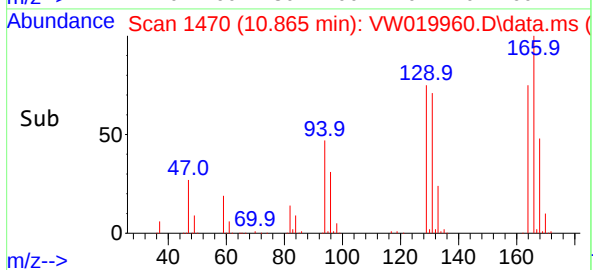
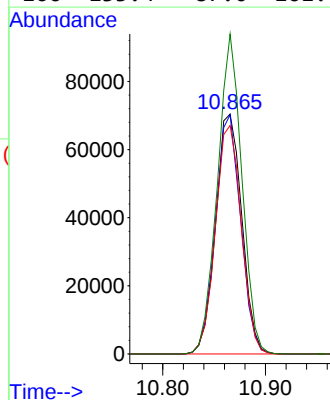
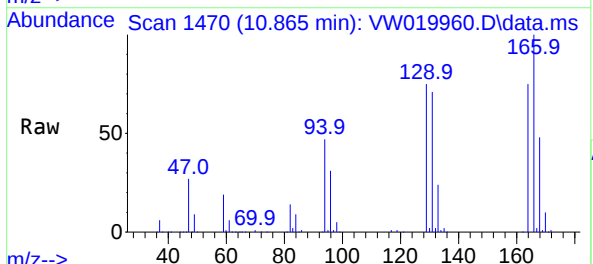
Manual Integrations
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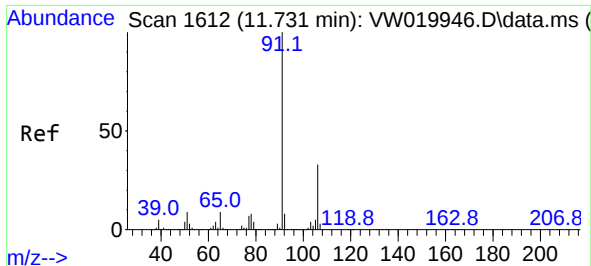
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#46
Tetrachloroethene
Concen: 161.453 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

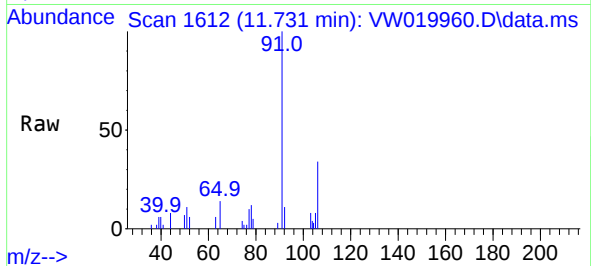
Tgt Ion:164 Resp: 124363
Ion Ratio Lower Upper
164 100
129 99.8 66.7 123.9
131 95.3 61.1 113.5
166 133.4 87.0 161.6





#52
Ethylbenzene
Concen: 1.119 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

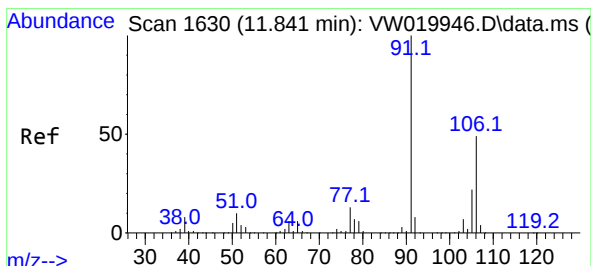
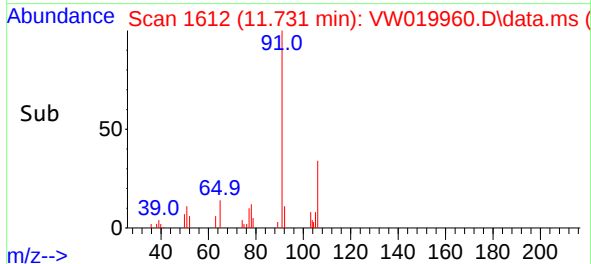
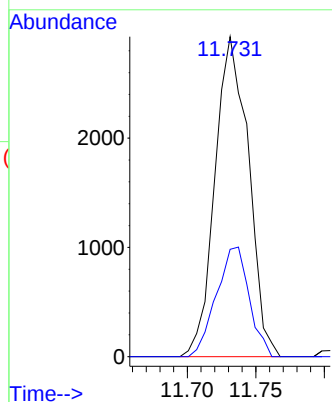
Instrument :
MSVOA_W
ClientSampleId :
GB6B7RE



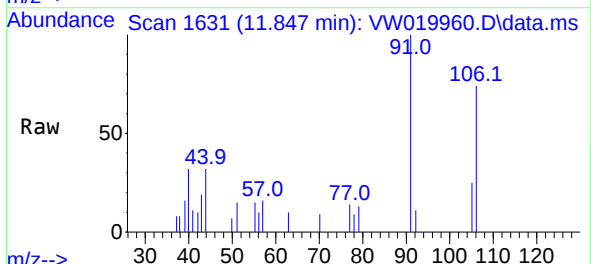
Tgt Ion: 91 Resp: 4990
Ion Ratio Lower Upper
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106 33.5 22.5 41.7

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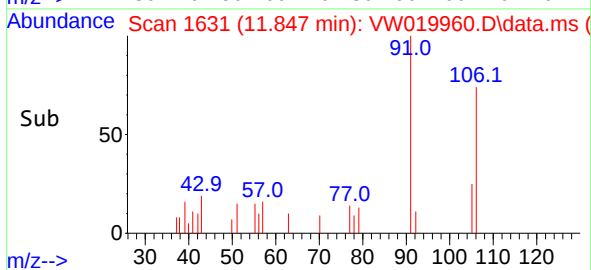
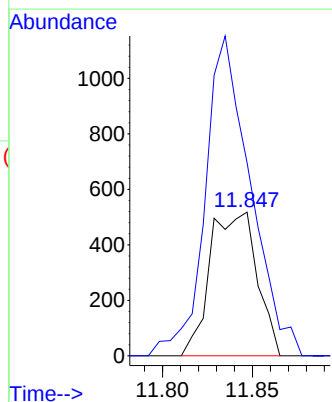
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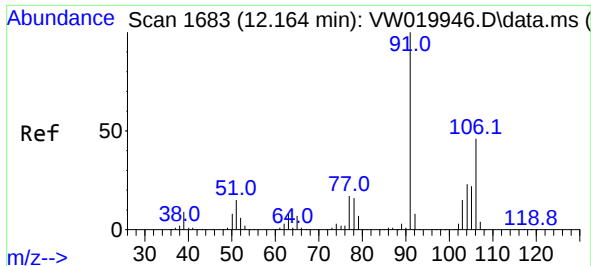


#53
m,p-Xylene
Concen: 0.549 ug/L m
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59



Tgt Ion: 106 Resp: 940
Ion Ratio Lower Upper
106 100
91 134.4 141.3 262.3#





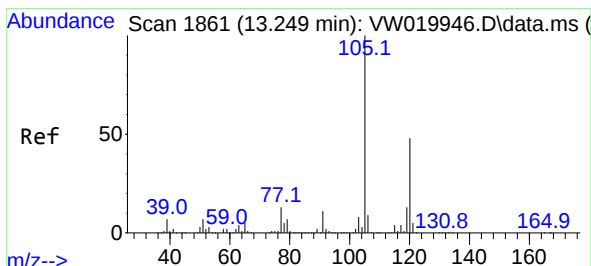
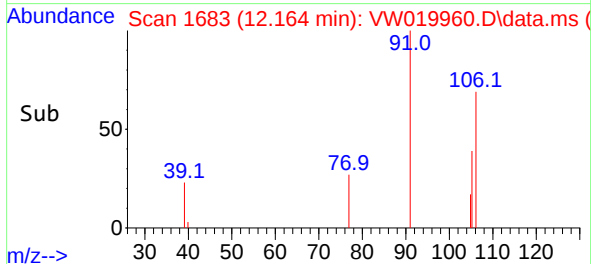
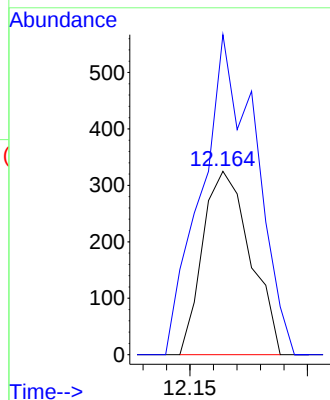
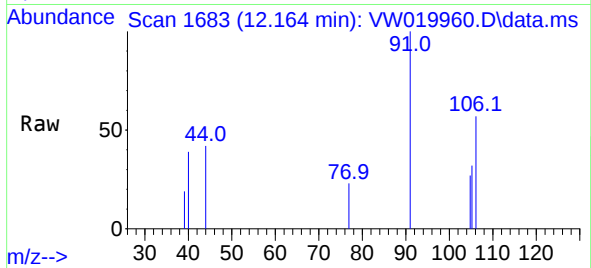
#54
o-Xylene
Concen: 0.283 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Instrument :
MSVOA_W
ClientSampleId :
GB6B7RE

Tgt Ion:106 Resp: 458
Ion Ratio Lower Upper
106 100
91 174.5 150.0 278.6

Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 0.566 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019960.D
Acq: 31 Aug 2021 15:59

Tgt Ion:105 Resp: 1479
Ion Ratio Lower Upper
105 100
120 38.4 35.6 53.4

