

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021017.D
 Acq On : 02 Dec 2021 02:16
 Operator : SY/VA
 Sample : M4881-05
 Misc : 4.62g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9E1

Quant Time: Dec 02 07:29:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

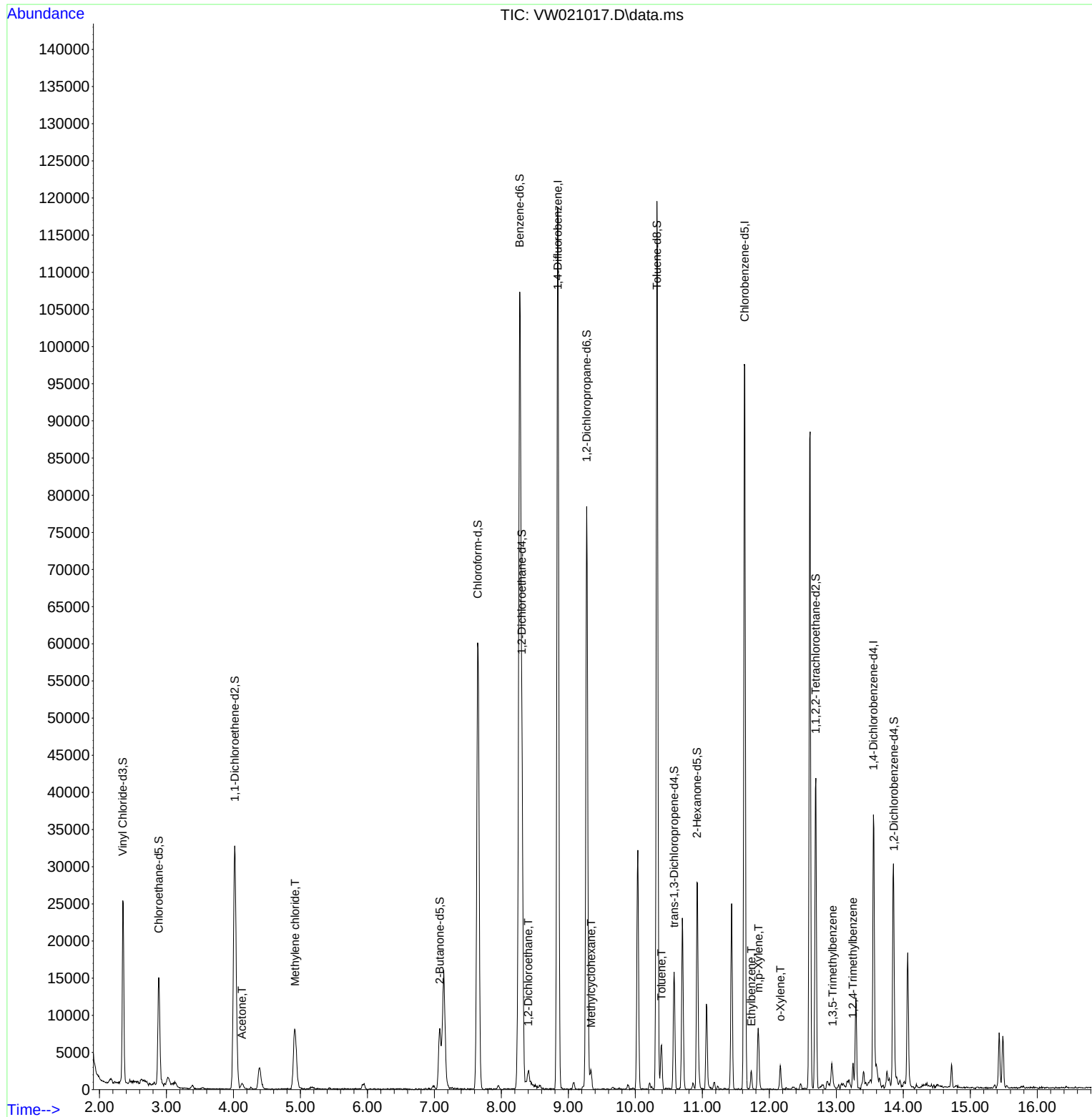
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	98303	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	54513	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	22250	19.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.040%
7) Chloroethane-d5	2.885	69	16164	21.980	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.920%
11) 1,1-Dichloroethene-d2	4.019	63	30499	13.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.280%
21) 2-Butanone-d5	7.080	46	14006	49.211	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.420%
24) Chloroform-d	7.647	84	60026	24.234	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	8.305	65	30266	24.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.280%
32) Benzene-d6	8.274	84	101328	35.268	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.080%#
36) 1,2-Dichloropropane-d6	9.274	67	32647	39.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	159.600%#
41) Toluene-d8	10.323	98	77535	27.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.760%
43) trans-1,3-Dichloroprop...	10.579	79	8238	21.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.200%
47) 2-Hexanone-d5	10.920	63	9512	70.100	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.200%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	18961	30.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.000%#
66) 1,2-Dichlorobenzene-d4	13.859	152	7912	22.592	ug/L	0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						Qvalue
13) Acetone	4.129	43	1557	6.127	ug/L	88
16) Methylene chloride	4.921	84	6231	4.545	ug/L	78
27) 1,2-Dichloroethane	8.403	62	1863	1.280	ug/L #	95
35) Methylcyclohexane	9.341	83	1082	0.760	ug/L	87
42) Toluene	10.390	91	4775	1.375	ug/L	95
52) Ethylbenzene	11.731	91	1983	0.515	ug/L	96
53) m,p-Xylene	11.841	106	2617	1.666	ug/L	83
54) o-Xylene	12.164	106	906	0.601	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	692	0.613	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	2097	1.883	ug/L	93

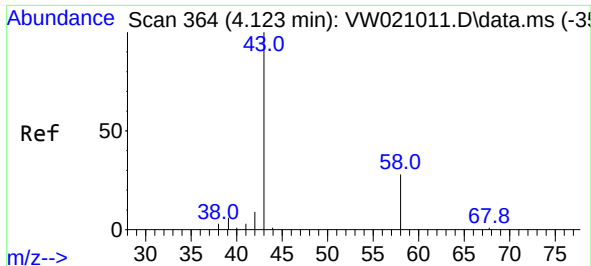
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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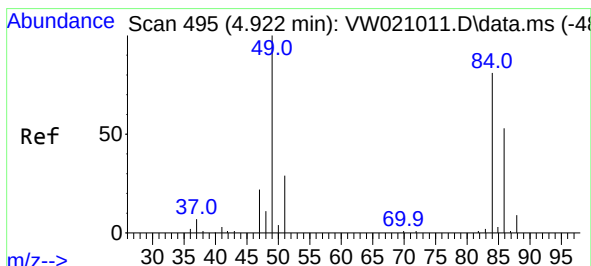
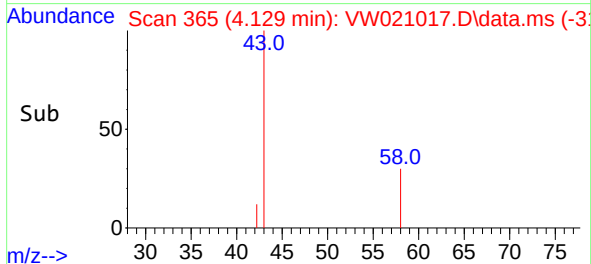
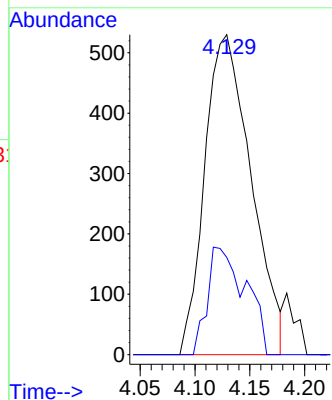
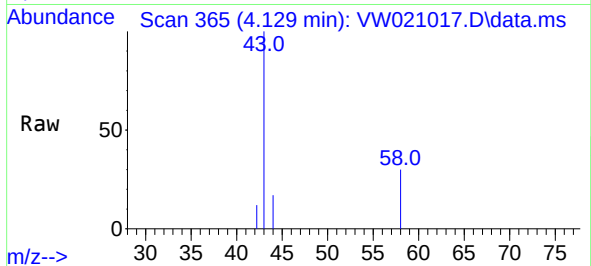




#13
Acetone
Concen: 6.127 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

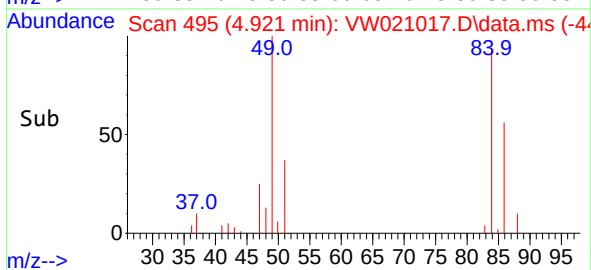
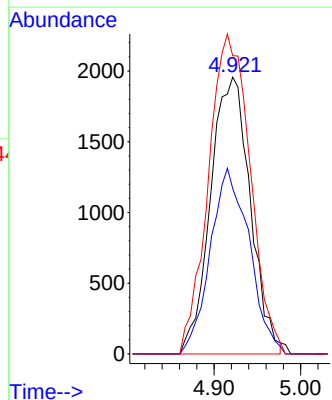
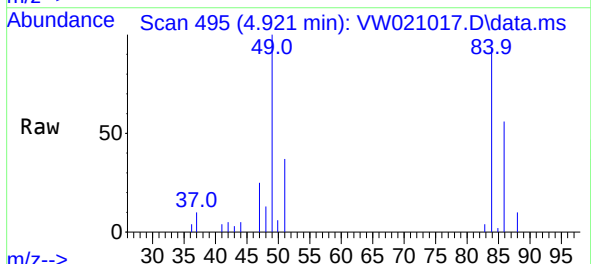
Instrument :
MSVOA_W
ClientSampleId :
EW9E1

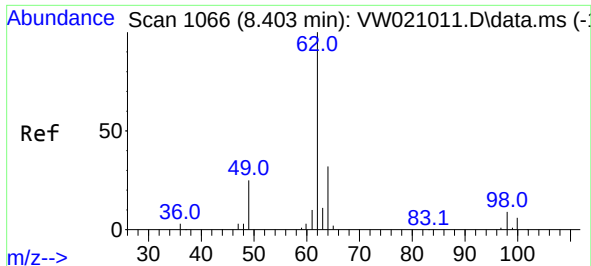
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
58 20.4 0.0 52.8



#16
Methylene chloride
Concen: 4.545 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion: 84 Resp: 6231
Ion Ratio Lower Upper
84 100
86 59.8 45.5 84.5
49 107.7 100.5 186.7





#27

1,2-Dichloroethane

Concen: 1.280 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021017.D

Acq: 02 Dec 2021 02:16

Instrument :

MSVOA_W

ClientSampleId :

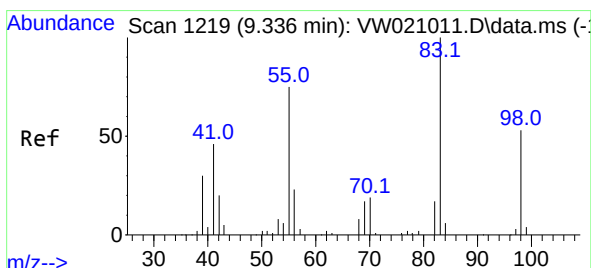
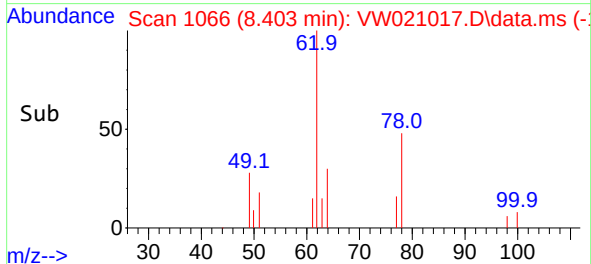
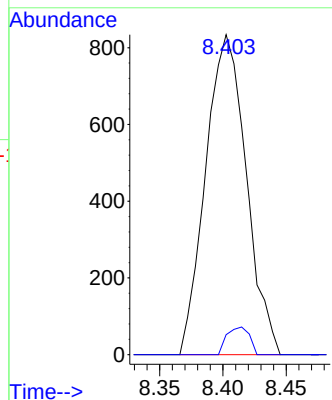
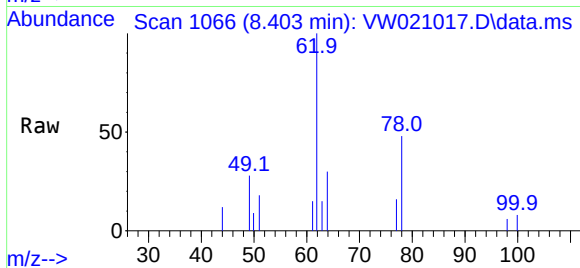
EW9E1

Tgt Ion: 62 Resp: 1863

Ion Ratio Lower Upper

62 100

98 6.2 6.5 9.7#



#35

Methylcyclohexane

Concen: 0.760 ug/L

RT: 9.341 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW021017.D

Acq: 02 Dec 2021 02:16

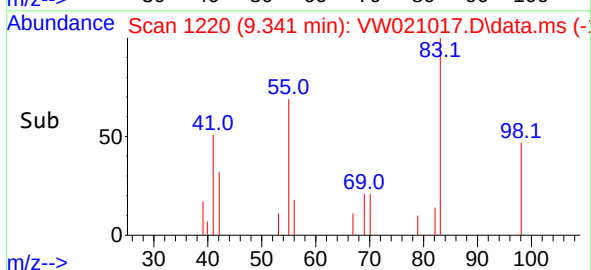
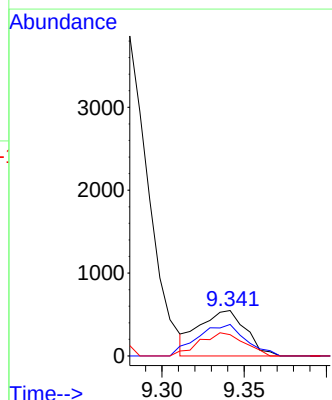
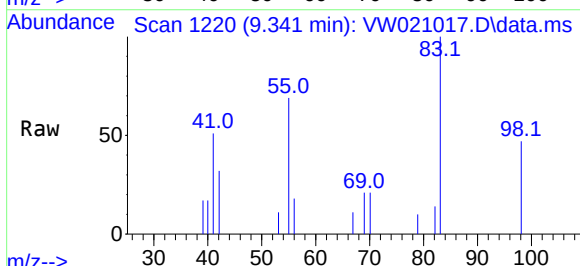
Tgt Ion: 83 Resp: 1082

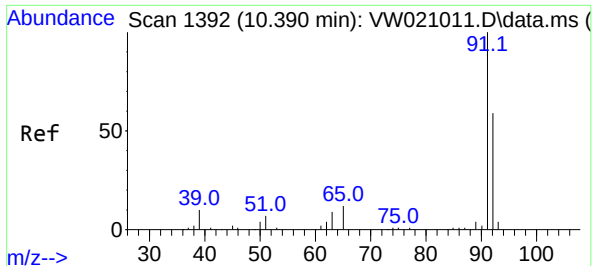
Ion Ratio Lower Upper

83 100

55 71.8 70.8 106.2

98 48.7 37.7 56.5

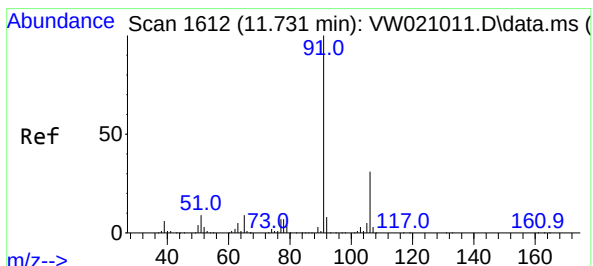
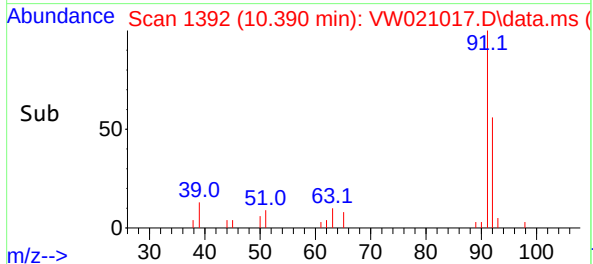
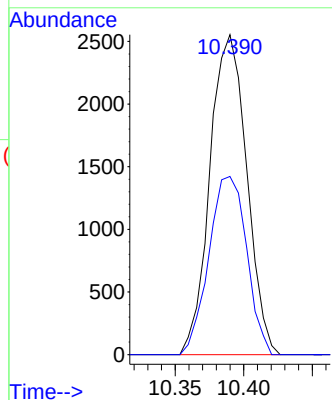
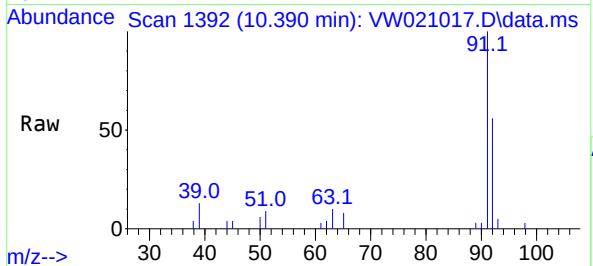




#42
Toluene
Concen: 1.375 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

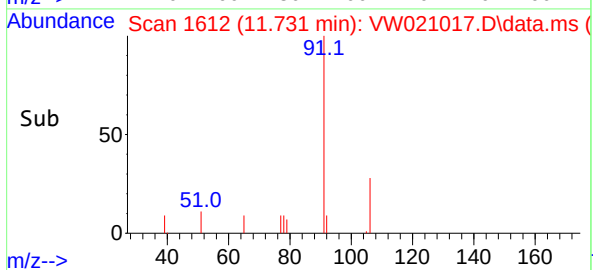
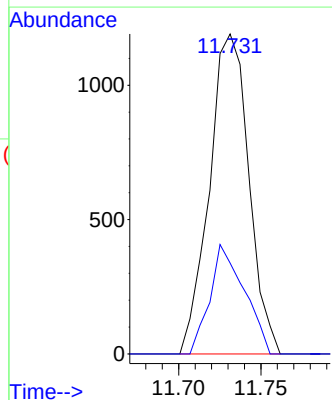
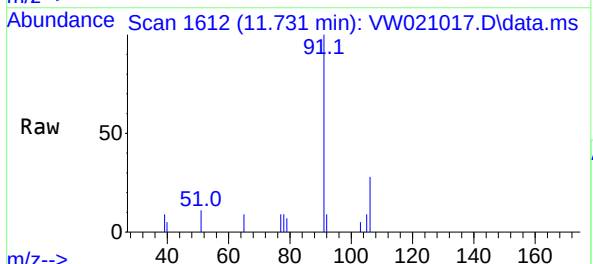
Instrument :
MSVOA_W
ClientSampleId :
EW9E1

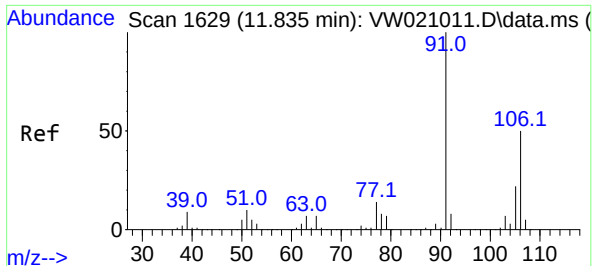
Tgt Ion: 91 Resp: 4775
Ion Ratio Lower Upper
91 100
92 55.7 41.7 77.5



#52
Ethylbenzene
Concen: 0.515 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021017.D
Acq: 02 Dec 2021 02:16

Tgt Ion: 91 Resp: 1983
Ion Ratio Lower Upper
91 100
106 28.4 21.5 39.9





#53

m,p-Xylene

Concen: 1.666 ug/L

RT: 11.841 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021017.D

Acq: 02 Dec 2021 02:16

Instrument :

MSVOA_W

ClientSampleId :

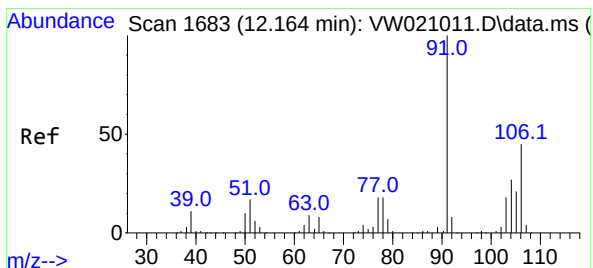
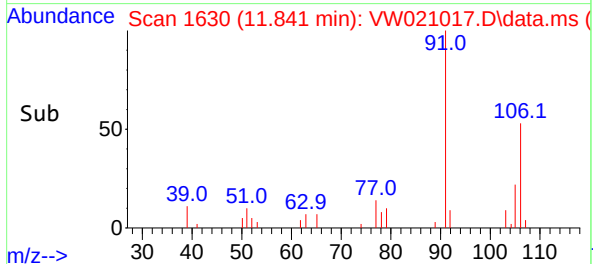
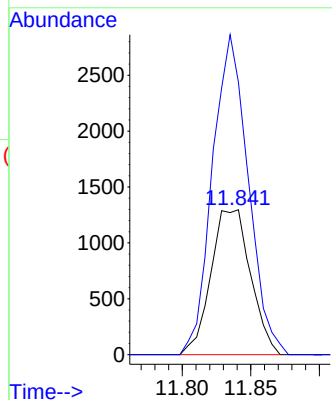
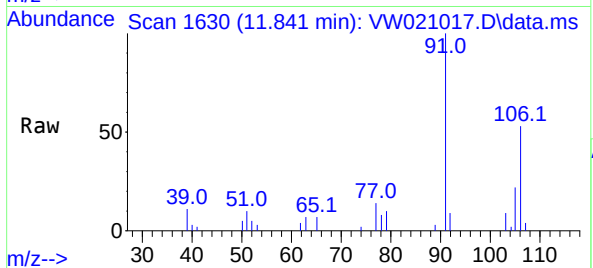
EW9E1

Tgt Ion:106 Resp: 2617

Ion Ratio Lower Upper

106 100

91 187.8 149.9 278.3



#54

o-Xylene

Concen: 0.601 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW021017.D

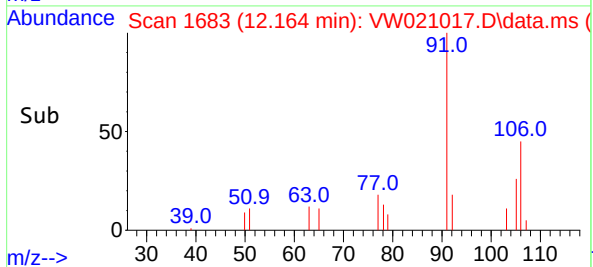
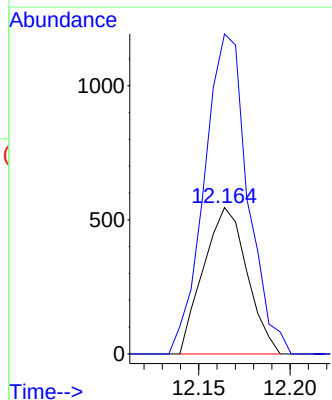
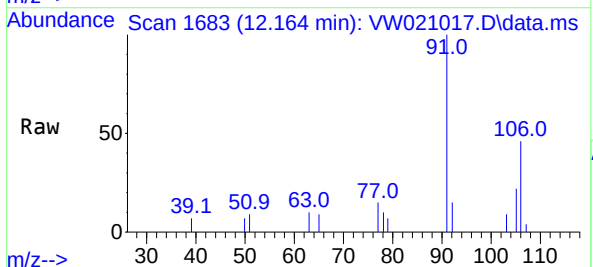
Acq: 02 Dec 2021 02:16

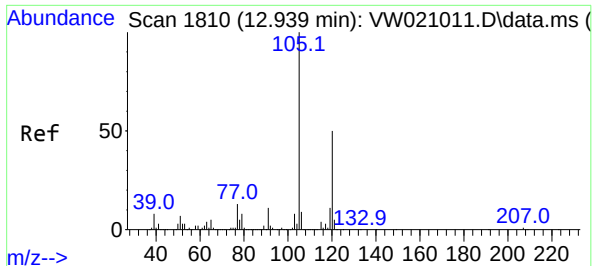
Tgt Ion:106 Resp: 906

Ion Ratio Lower Upper

106 100

91 218.5 153.6 285.3





#62

1,3,5-Trimethylbenzene

Concen: 0.613 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021017.D

Acq: 02 Dec 2021 02:16

Instrument :

MSVOA_W

ClientSampleId :

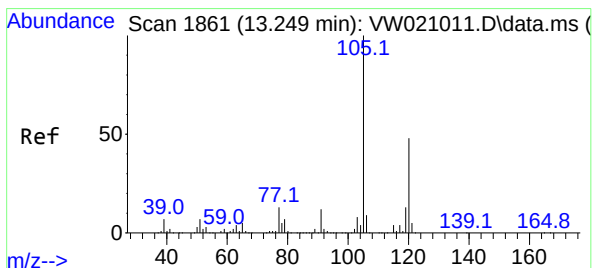
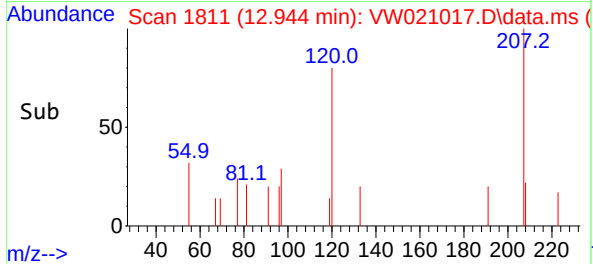
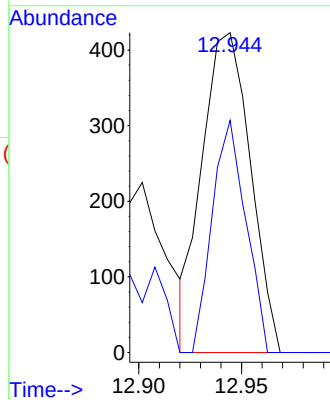
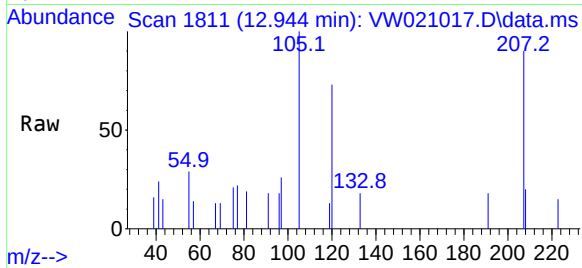
EW9E1

Tgt Ion:105 Resp: 692

Ion Ratio Lower Upper

105 100

120 50.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 1.883 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021017.D

Acq: 02 Dec 2021 02:16

Tgt Ion:105 Resp: 2097

Ion Ratio Lower Upper

105 100

120 48.5 35.0 52.6

