

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027684.D
 Acq On : 16 Dec 2023 12:14
 Operator : SY/MD
 Sample : 05788-06RE
 Misc : 4.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 17 00:16:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 00:15:03 2023
 Response via : Initial Calibration

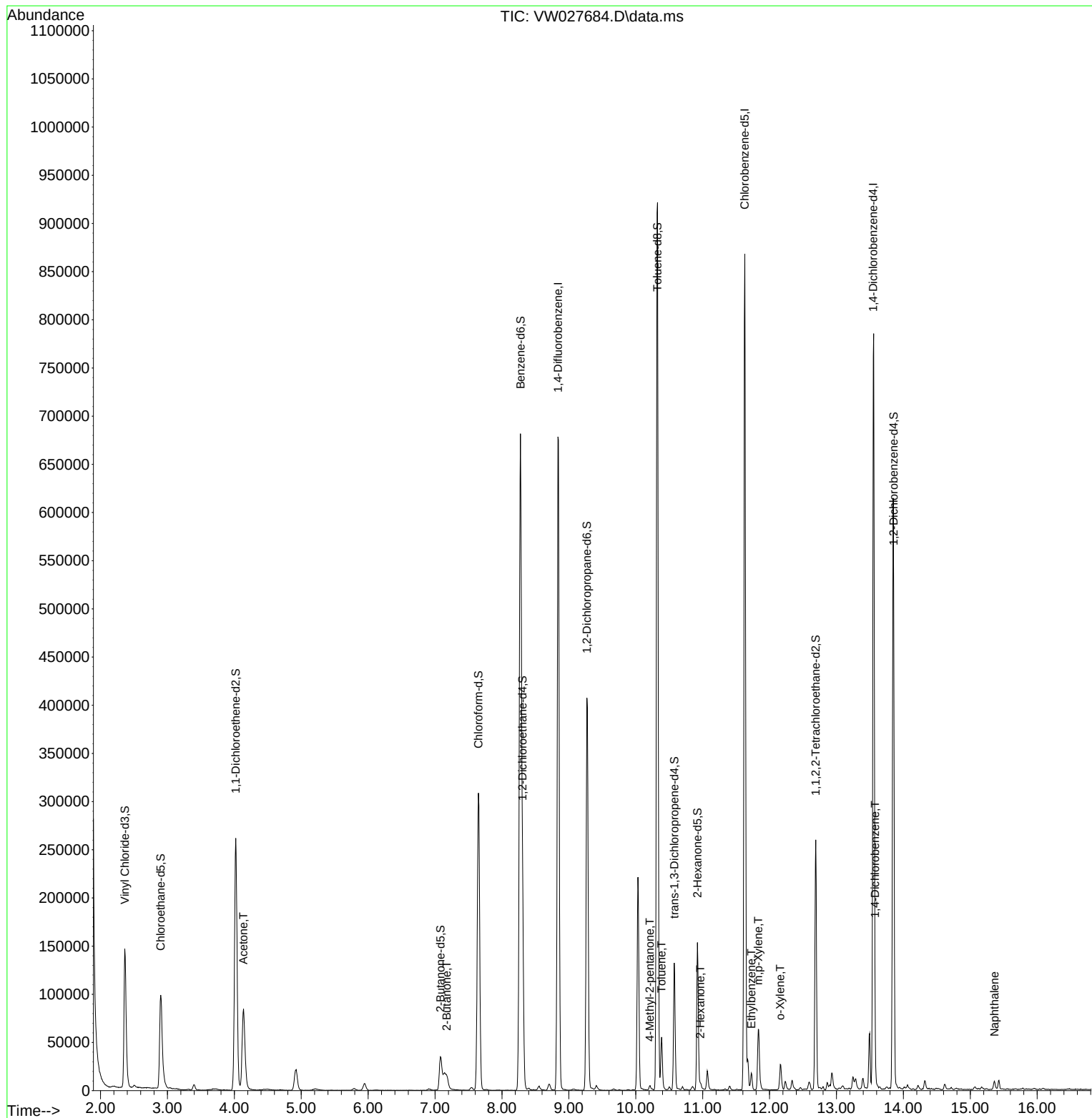
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

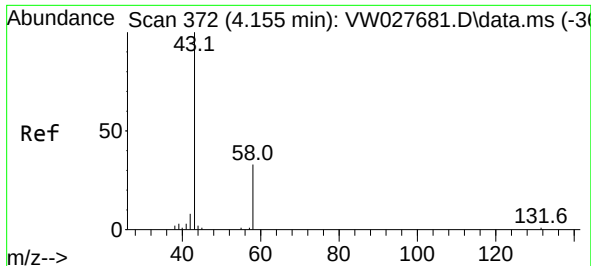
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	621199	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	504674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	219831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	203806	23.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.680%
7) Chloroethane-d5	2.899	69	160696	23.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.840%
11) 1,1-Dichloroethene-d2	4.021	65	78998	22.421	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.680%
21) 2-Butanone-d5	7.081	46	61338	40.944	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.880%
24) Chloroform-d	7.648	84	334134	22.605	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	8.307	65	153595	22.130	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.520%
32) Benzene-d6	8.276	84	743659	25.213	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.840%
36) 1,2-Dichloropropane-d6	9.270	67	208852	24.994	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	10.325	98	665227	24.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.240%
43) trans-1,3-Dichloroprop...	10.575	79	75470	23.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.320%
47) 2-Hexanone-d5	10.922	63	55693	45.735	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	136073	21.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.120%
66) 1,2-Dichlorobenzene-d4	13.855	152	169128	21.493	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.960%
Target Compounds						Qvalue
13) Acetone	4.137	43	162673	119.619	ug/L	98
22) 2-Butanone	7.173	43	19177	10.619	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	3219	1.043	ug/L	96
42) Toluene	10.386	91	41409	1.315	ug/L	98
48) 2-Hexanone	10.965	43	3575	1.556	ug/L #	92
52) Ethylbenzene	11.727	91	11554	0.326	ug/L	92
53) m,p-Xylene	11.831	106	19636	1.441	ug/L	100
54) o-Xylene	12.160	106	6586	0.519	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	5754	0.427	ug/L	89
71) Naphthalene	15.360	128	7896	0.582	ug/L	99

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

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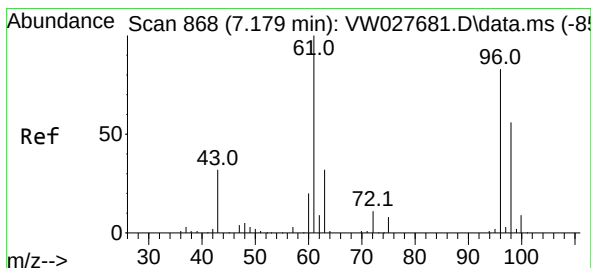
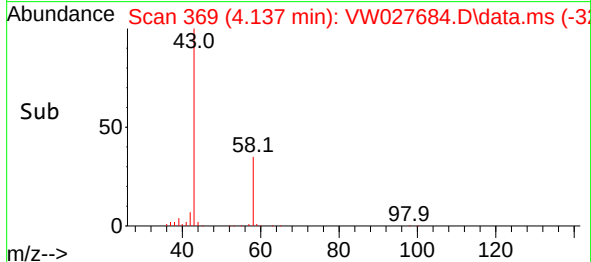
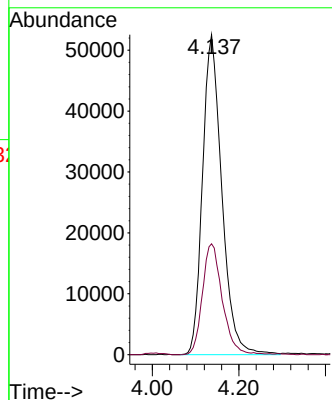
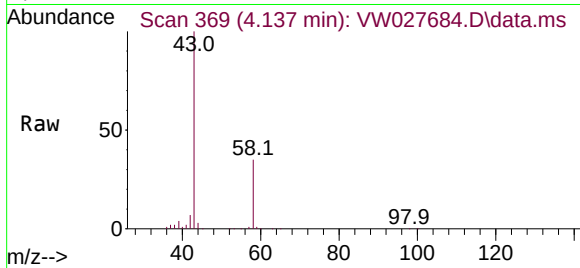
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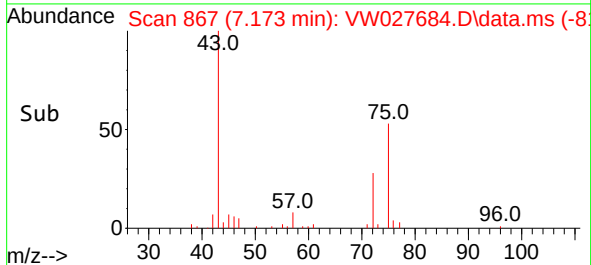
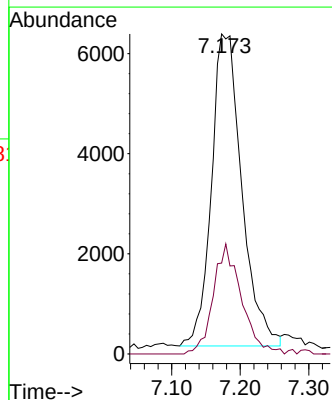
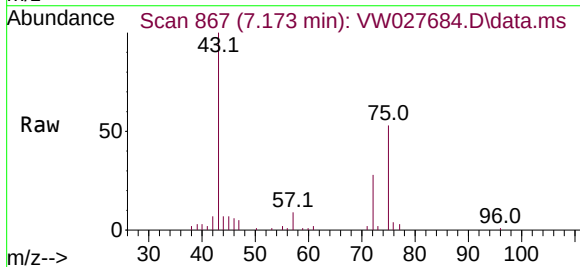
#13
Acetone
Concen: 119.619 ug/L
RT: 4.137 min Scan# 369
Delta R.T. -0.018 min
Lab File: VW027684.D
Acq: 16 Dec 2023 12:14

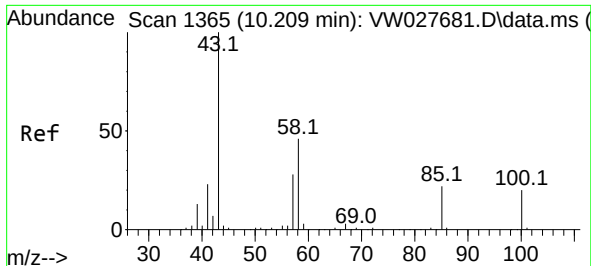
Tgt Ion: 43 Resp: 162673
Ion Ratio Lower Upper
43 100
58 35.3 0.0 68.6



#22
2-Butanone
Concen: 10.619 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW027684.D
Acq: 16 Dec 2023 12:14

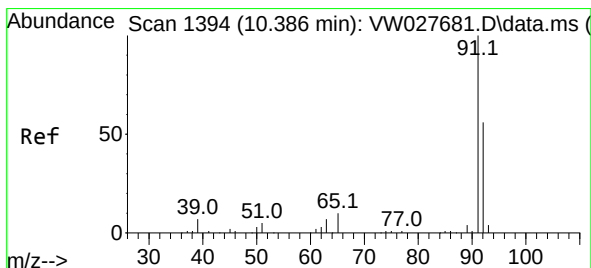
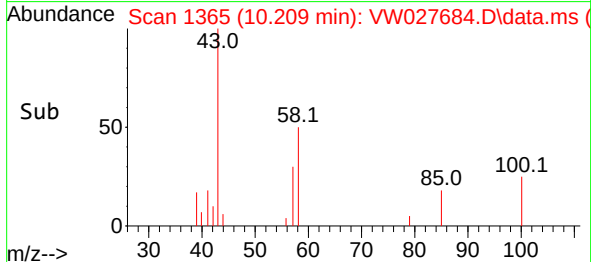
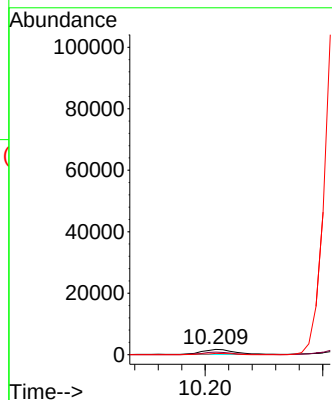
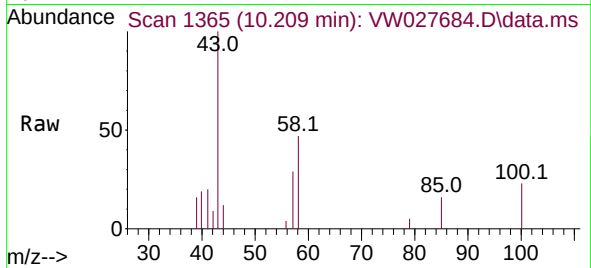
Tgt Ion: 43 Resp: 19177
Ion Ratio Lower Upper
43 100
72 32.4 16.1 48.2





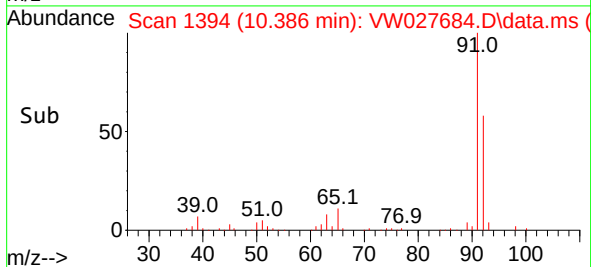
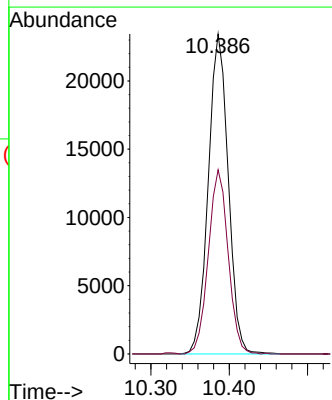
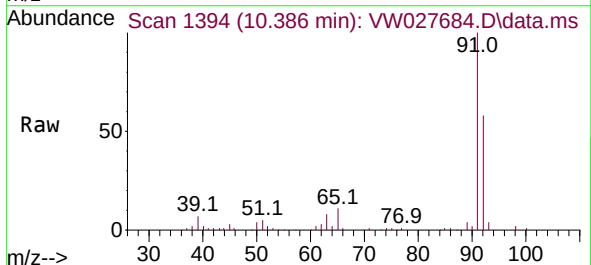
#40
4-Methyl-2-pentanone
Concen: 1.043 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW027684.D
Acq: 16 Dec 2023 12:14

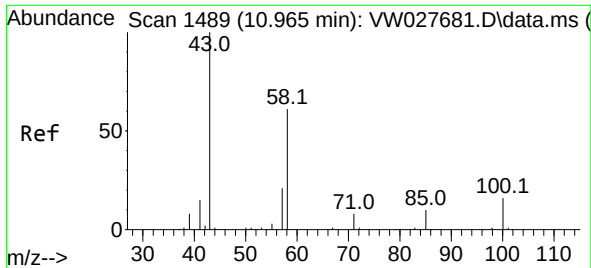
Tgt Ion: 43 Resp: 3219
Ion Ratio Lower Upper
43 100
58 47.9 36.1 54.1
100 21.5 15.8 23.8



#42
Toluene
Concen: 1.315 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027684.D
Acq: 16 Dec 2023 12:14

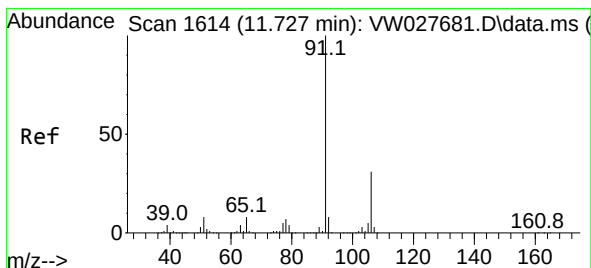
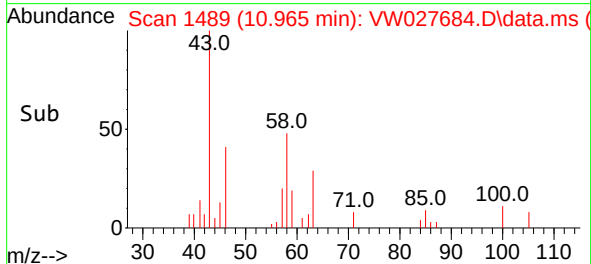
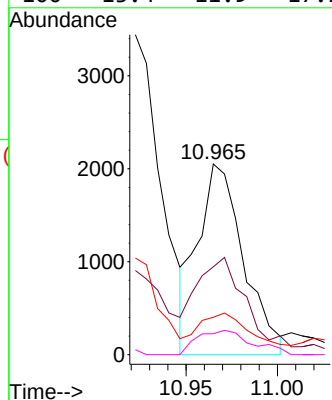
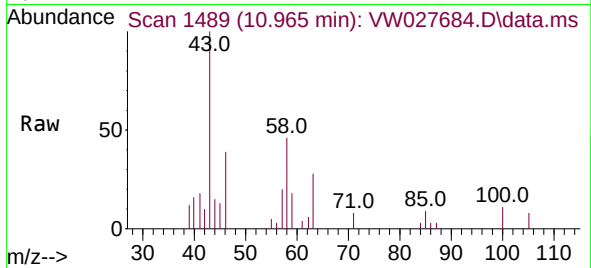
Tgt Ion: 91 Resp: 41409
Ion Ratio Lower Upper
91 100
92 57.5 41.2 76.4





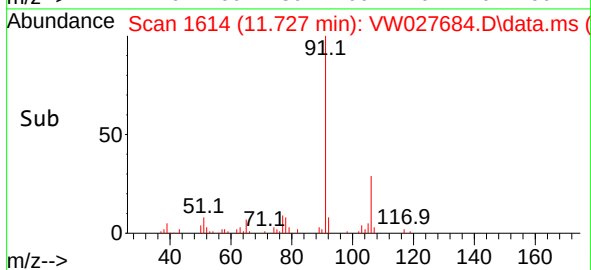
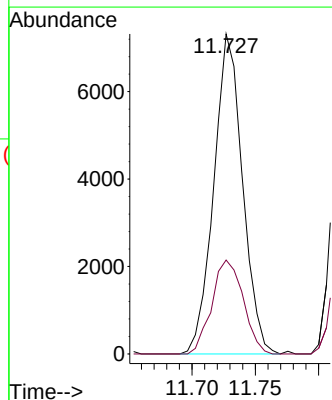
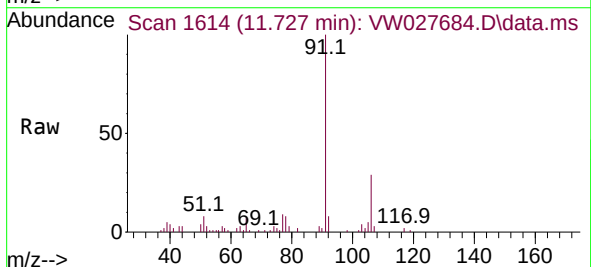
#48
2-Hexanone
Concen: 1.556 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027684.D
Acq: 16 Dec 2023 12:14

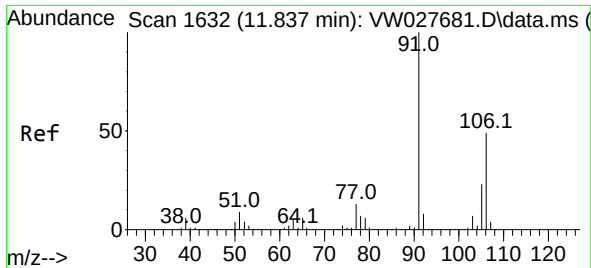
Tgt Ion:	43	Resp:	3575
Ion	Ratio	Lower	Upper
43	100		
58	56.8	50.4	75.6
57	26.9	17.0	25.6#
100	13.4	11.9	17.9



#52
Ethylbenzene
Concen: 0.326 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027684.D
Acq: 16 Dec 2023 12:14

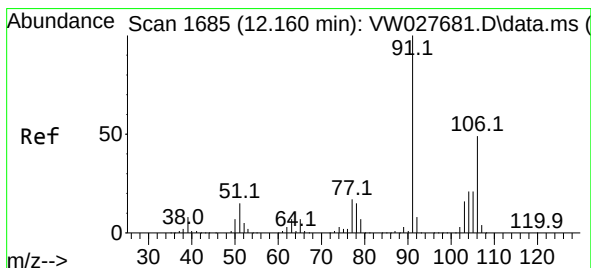
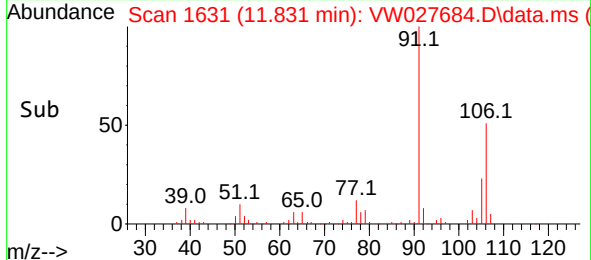
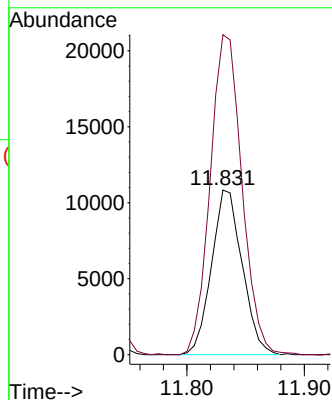
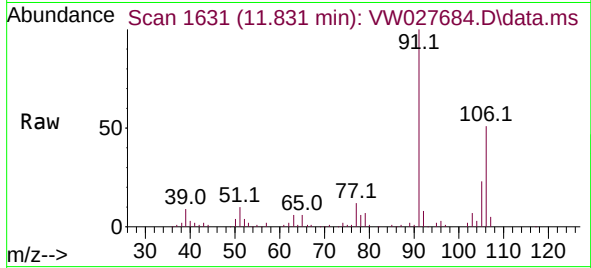
Tgt Ion:	91	Resp:	11554
Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.7	44.1





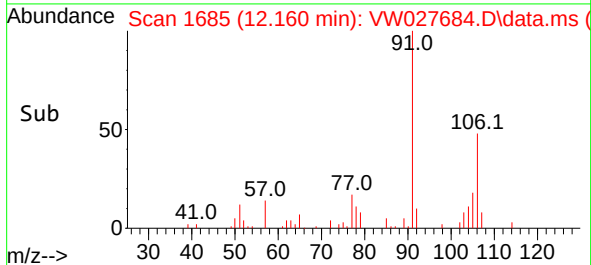
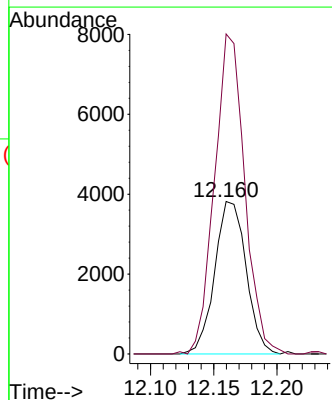
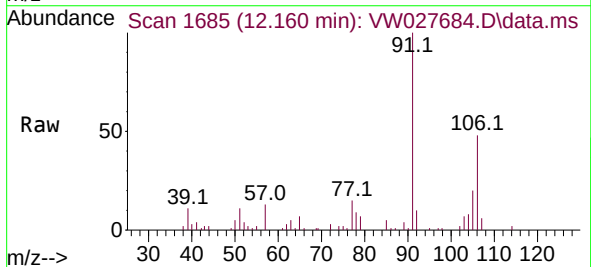
#53
m,p-Xylene
Concen: 1.441 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW027684.D
Acq: 16 Dec 2023 12:14

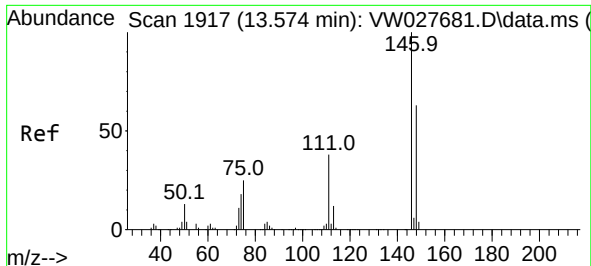
Tgt Ion:106 Resp: 19636
Ion Ratio Lower Upper
106 100
91 194.4 135.7 251.9



#54
o-Xylene
Concen: 0.519 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW027684.D
Acq: 16 Dec 2023 12:14

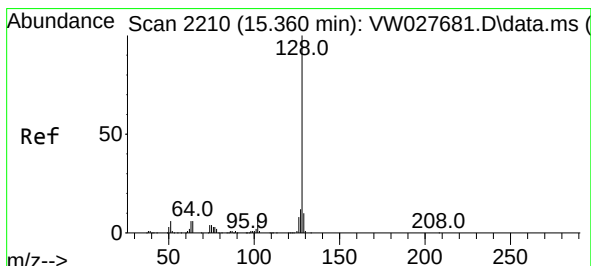
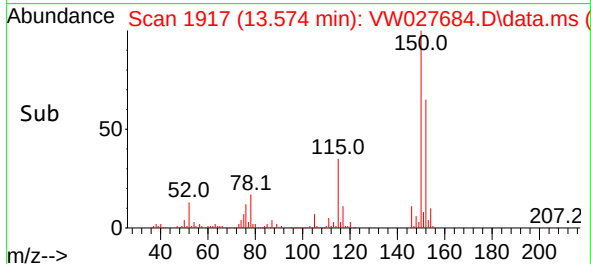
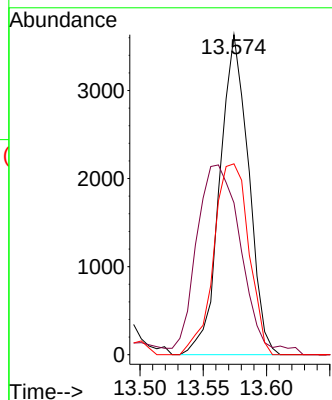
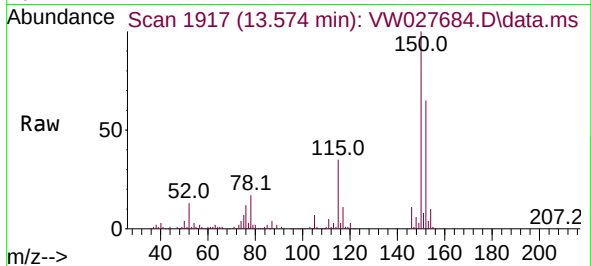
Tgt Ion:106 Resp: 6586
Ion Ratio Lower Upper
106 100
91 209.8 149.9 278.3





#65
1,4-Dichlorobenzene
Concen: 0.427 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027684.D
Acq: 16 Dec 2023 12:14

Tgt Ion:	146	Resp:	5754
Ion Ratio	Lower	Upper	
146	100		
111	47.5	26.2	48.6
148	59.7	46.3	85.9



#71
Naphthalene
Concen: 0.582 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW027684.D
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Tgt Ion:	128	Resp:	7896
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.2
129	11.4	8.6	12.8

