

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027699.D
 Acq On : 16 Dec 2023 18:10
 Operator : SY/MD
 Sample : 05788-22
 Misc : 3.87g/10mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 17 00:21:17 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

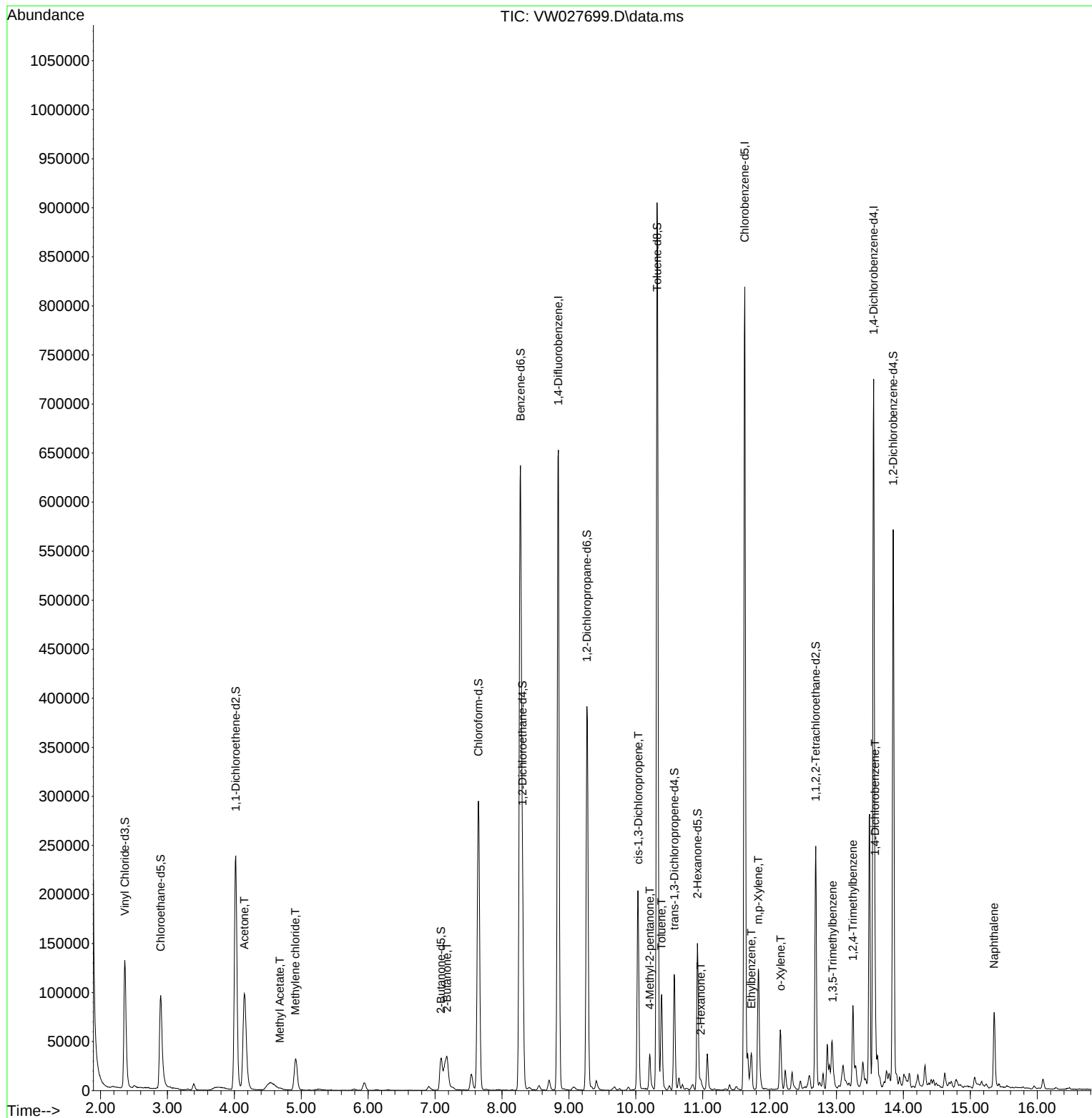
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

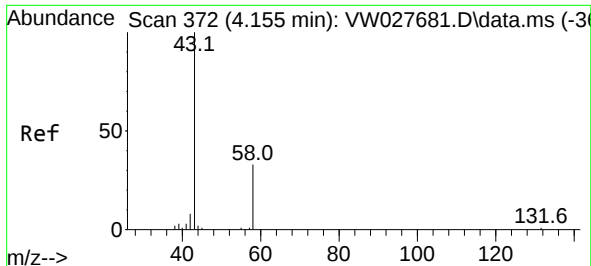
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	598466	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	477790	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	195753	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	191855	22.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.560%
7) Chloroethane-d5	2.899	69	155927	23.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	4.021	65	73782	21.736	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.960%
21) 2-Butanone-d5	7.087	46	59685	41.354	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.700%
24) Chloroform-d	7.648	84	321041	22.544	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.160%
26) 1,2-Dichloroethane-d4	8.307	65	151437	22.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	8.276	84	717677	25.701	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	9.270	67	198261	25.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	10.319	98	631173	24.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.440%
43) trans-1,3-Dichloroprop...	10.575	79	68505	22.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.480%
47) 2-Hexanone-d5	10.922	63	55048	47.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	127359	21.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	158392	22.604	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
13) Acetone	4.149	43	218286	166.610	ug/L	97
15) Methyl Acetate	4.679	43	1824	0.771	ug/L #	60
16) Methylene chloride	4.911	84	27721	2.954	ug/L	94
22) 2-Butanone	7.179	43	43410	24.951	ug/L	98
39) cis-1,3-Dichloropropene	10.038	75	4946	0.485	ug/L #	68
40) 4-Methyl-2-pentanone	10.209	43	23587	8.072	ug/L	98
42) Toluene	10.386	91	75974	2.549	ug/L	99
48) 2-Hexanone	10.971	43	5910	2.717	ug/L #	93
52) Ethylbenzene	11.727	91	25259	0.752	ug/L	97
53) m,p-Xylene	11.831	106	39514	3.063	ug/L	95
54) o-Xylene	12.166	106	13382	1.114	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	11499	0.521	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	51438	2.366	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	29656	2.473	ug/L	92
71) Naphthalene	15.354	128	69828	5.776	ug/L	100

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

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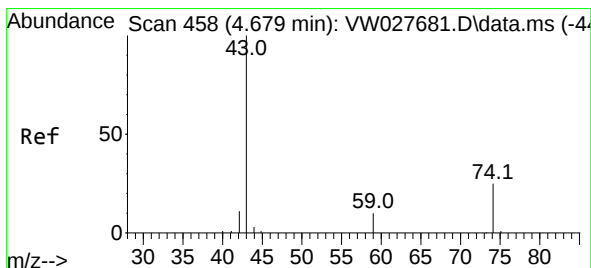
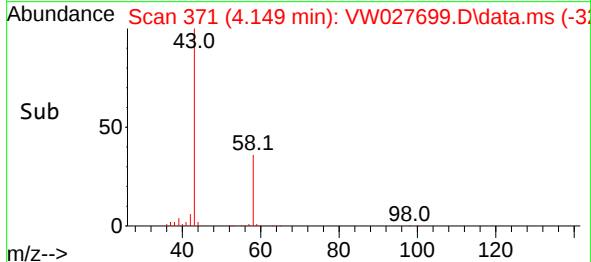
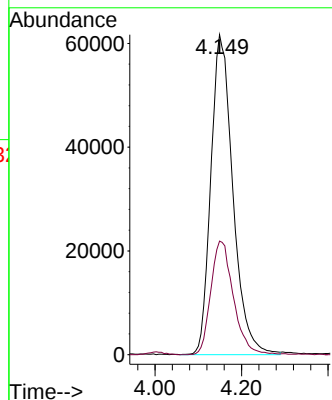
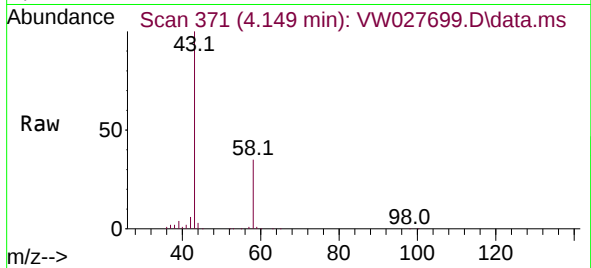
Quant Time: Dec 17 00:21:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 00:15:03 2023
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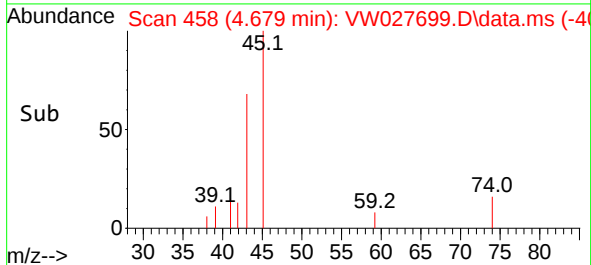
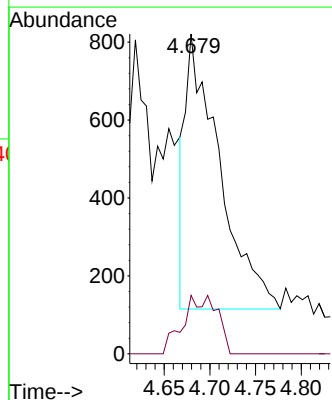
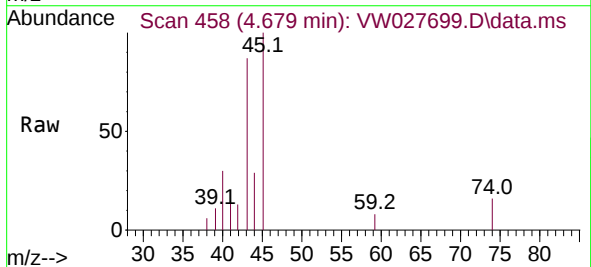
#13
Acetone
Concen: 166.610 ug/L
RT: 4.149 min Scan# 371
Delta R.T. -0.006 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

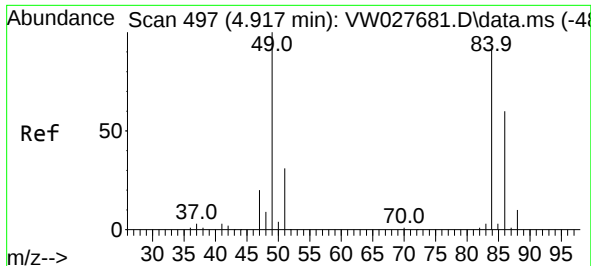
Tgt Ion: 43 Resp: 218286
Ion Ratio Lower Upper
43 100
58 36.2 0.0 68.6



#15
Methyl Acetate
Concen: 0.771 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.000 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
74 6.9 22.1 33.1#

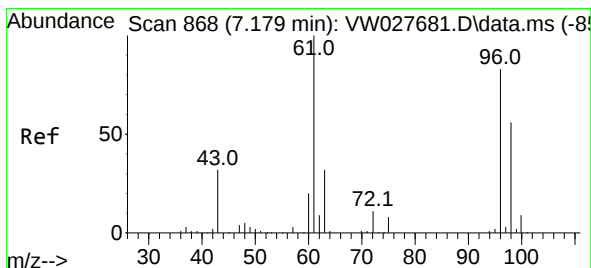
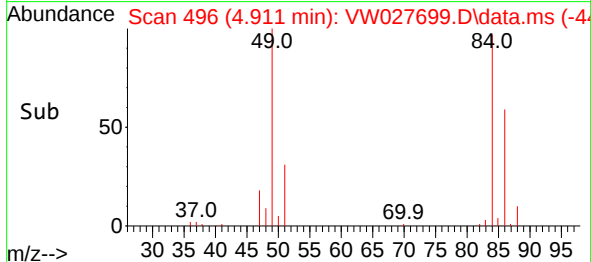
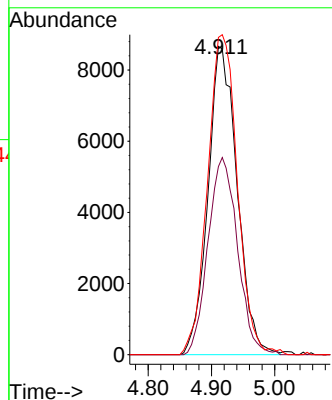
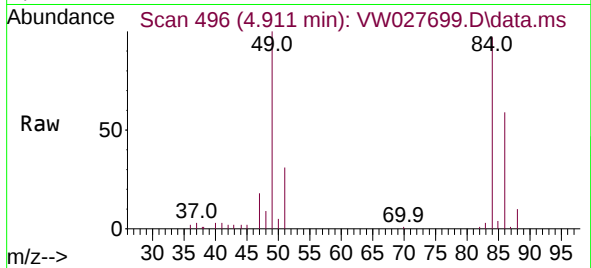




#16
Methylene chloride
Concen: 2.954 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

Tgt Ion: 84 Resp: 27721

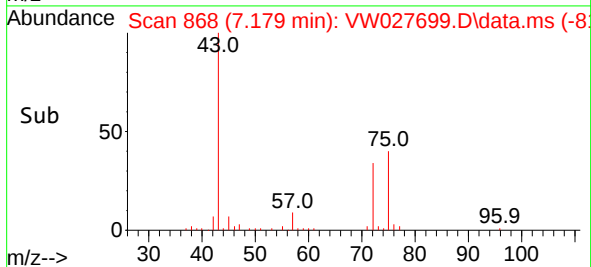
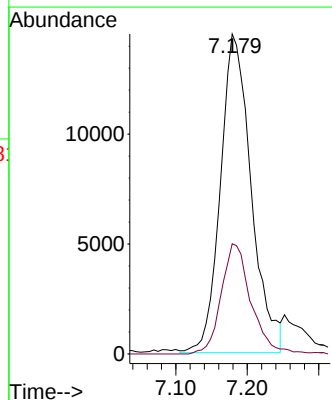
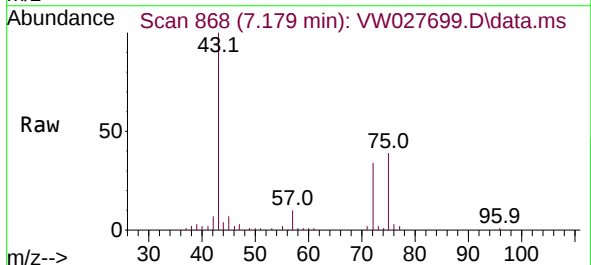
Ion	Ratio	Lower	Upper
84	100		
86	61.0	45.8	85.2
49	102.9	76.2	141.6

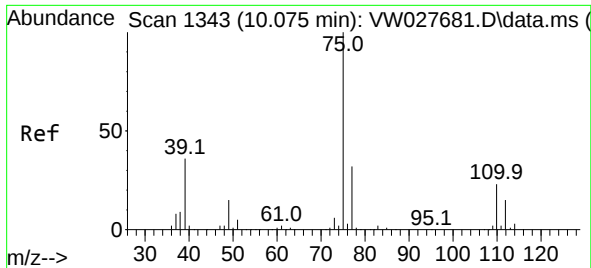


#22
2-Butanone
Concen: 24.951 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.000 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

Tgt Ion: 43 Resp: 43410

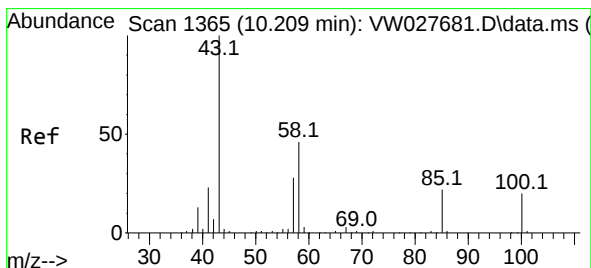
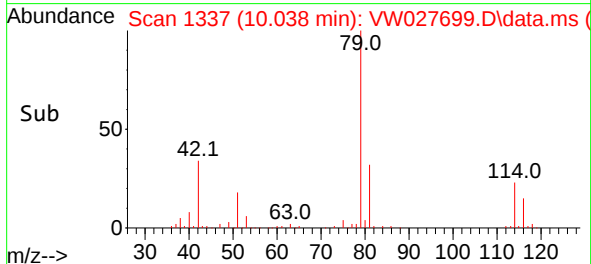
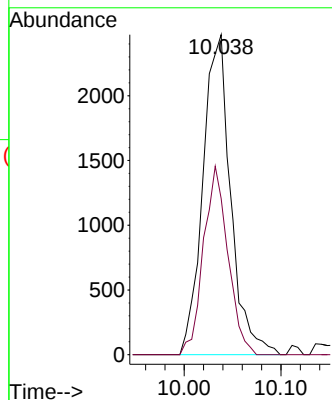
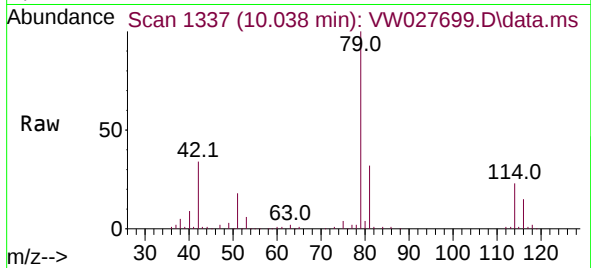
Ion	Ratio	Lower	Upper
43	100		
72	33.1	16.1	48.2





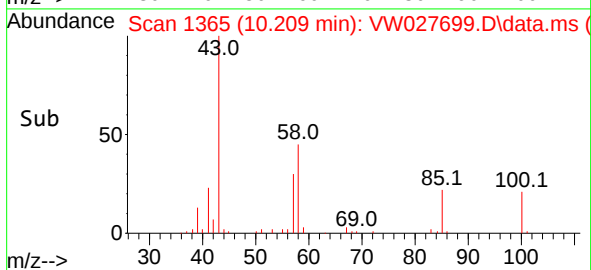
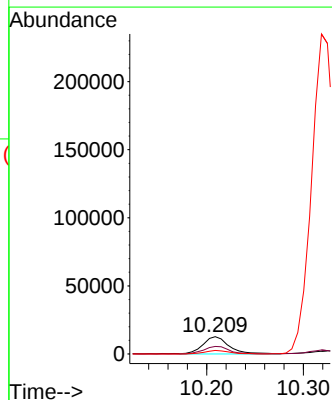
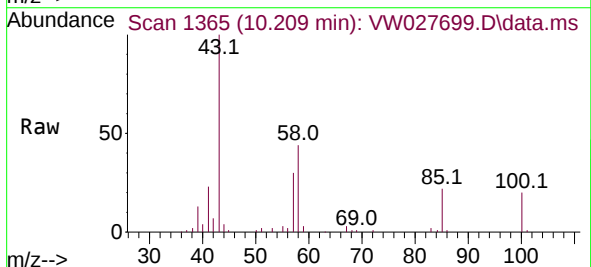
#39
cis-1,3-Dichloropropene
Concen: 0.485 ug/L
RT: 10.038 min Scan# 1337
Delta R.T. -0.037 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

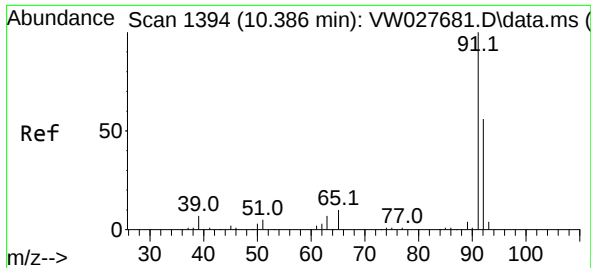
Tgt Ion: 75 Resp: 4946
Ion Ratio Lower Upper
75 100
77 48.8 21.8 40.6#



#40
4-Methyl-2-pentanone
Concen: 8.072 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

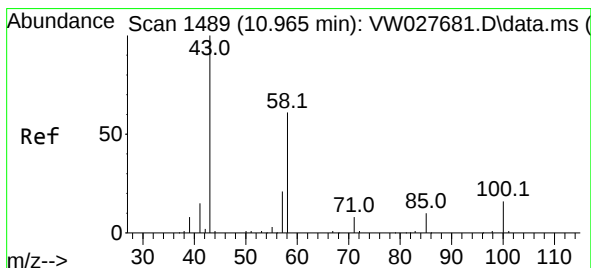
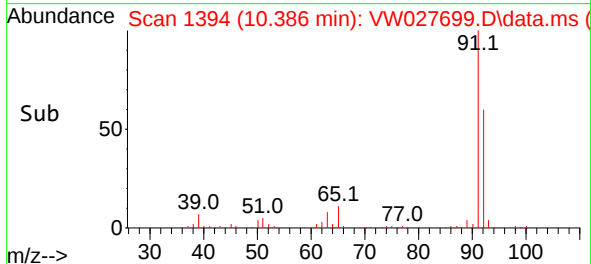
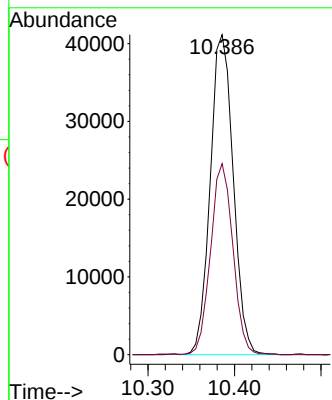
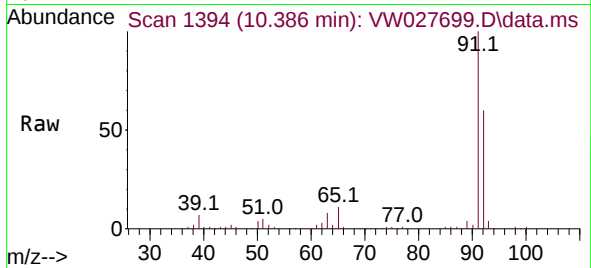
Tgt Ion: 43 Resp: 23587
Ion Ratio Lower Upper
43 100
58 43.7 36.1 54.1
100 19.1 15.8 23.8





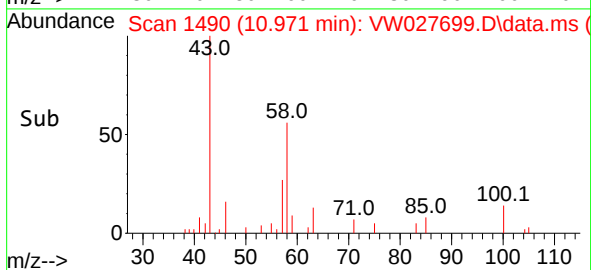
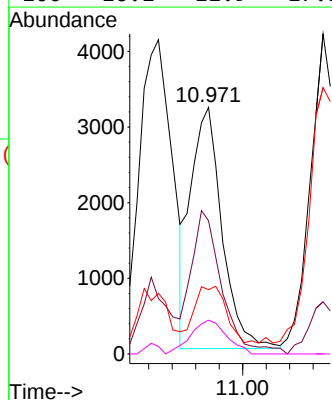
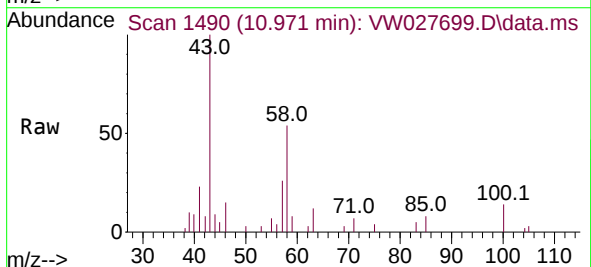
#42
Toluene
Concen: 2.549 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

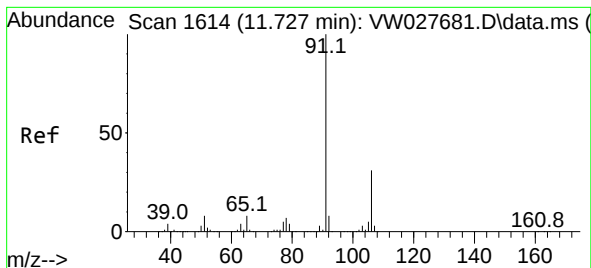
Tgt Ion: 91 Resp: 75974
Ion Ratio Lower Upper
91 100
92 59.7 41.2 76.4



#48
2-Hexanone
Concen: 2.717 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

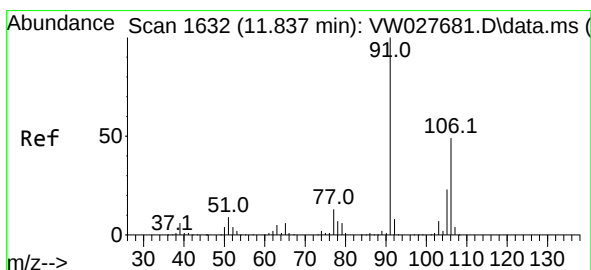
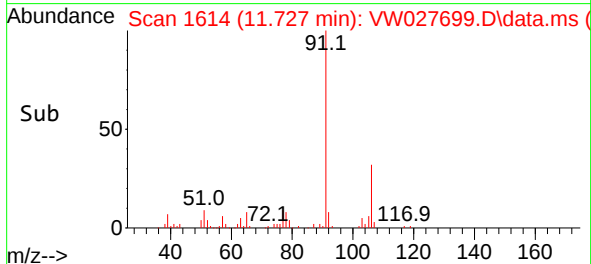
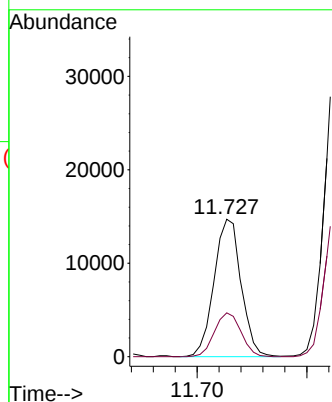
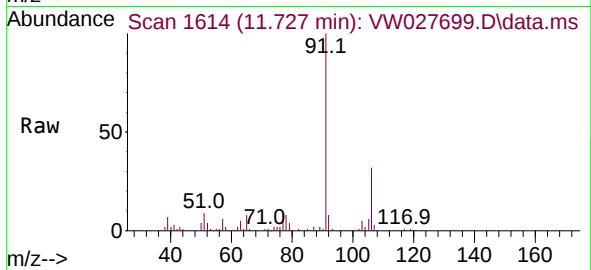
Tgt Ion: 43 Resp: 5910
Ion Ratio Lower Upper
43 100
58 57.6 50.4 75.6
57 26.2 17.0 25.6#
100 16.1 11.9 17.9





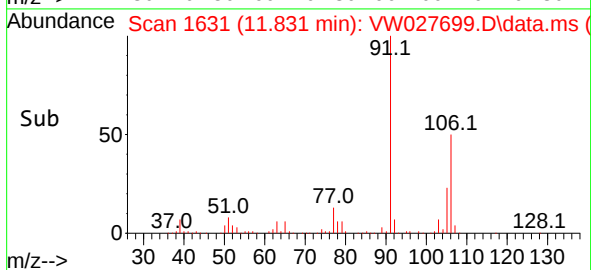
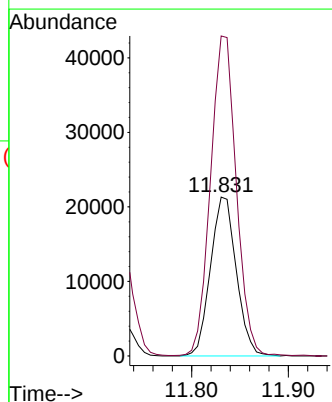
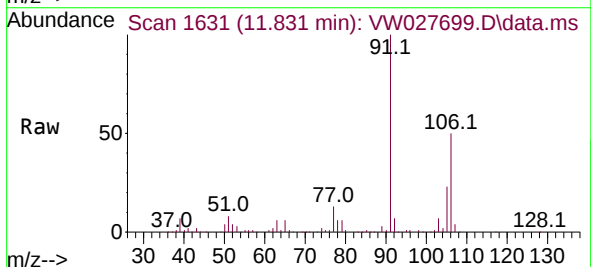
#52
Ethylbenzene
Concen: 0.752 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

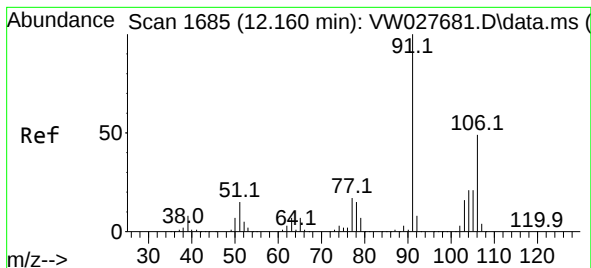
Tgt Ion: 91 Resp: 25259
Ion Ratio Lower Upper
91 100
106 31.9 23.7 44.1



#53
m,p-Xylene
Concen: 3.063 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

Tgt Ion: 106 Resp: 39514
Ion Ratio Lower Upper
106 100
91 201.5 135.7 251.9





#54

o-Xylene

Concen: 1.114 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW027699.D

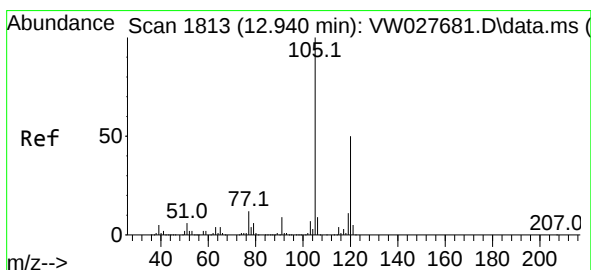
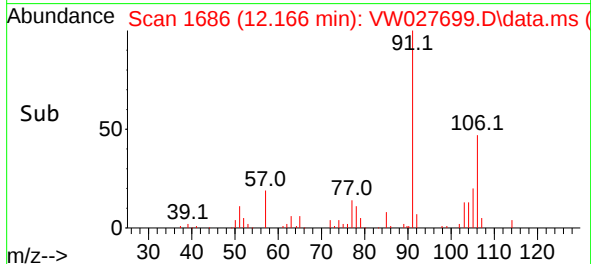
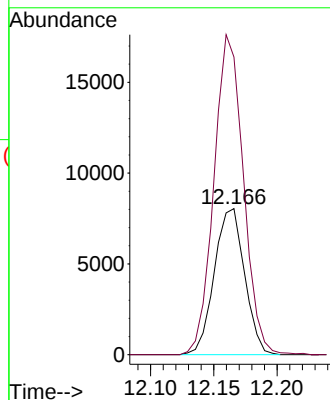
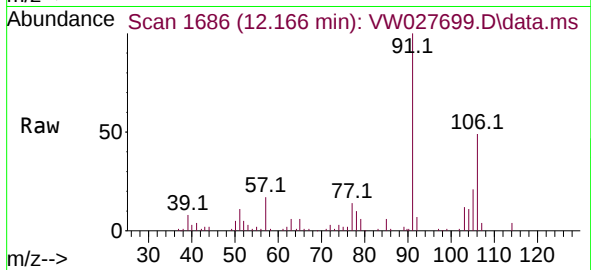
Acq: 16 Dec 2023 18:10

Tgt Ion:106 Resp: 13382

Ion Ratio Lower Upper

106 100

91 203.8 149.9 278.3



#62

1,3,5-Trimethylbenzene

Concen: 0.521 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027699.D

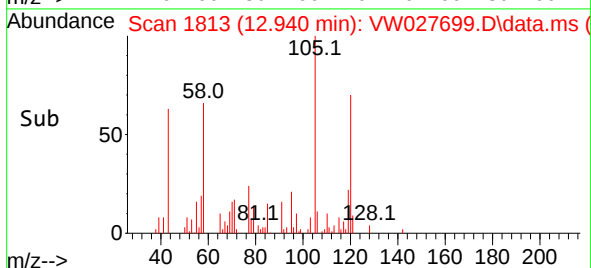
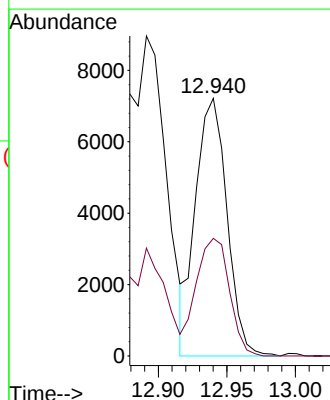
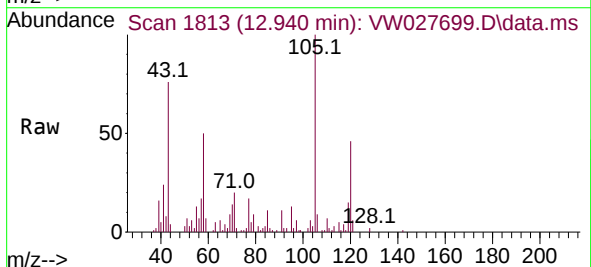
Acq: 16 Dec 2023 18:10

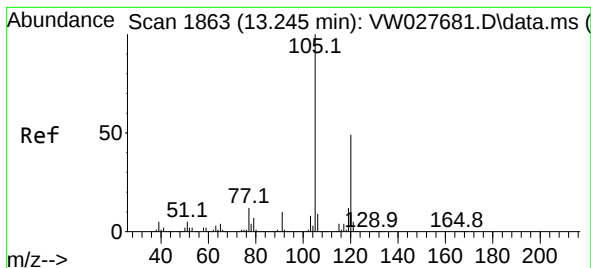
Tgt Ion:105 Resp: 11499

Ion Ratio Lower Upper

105 100

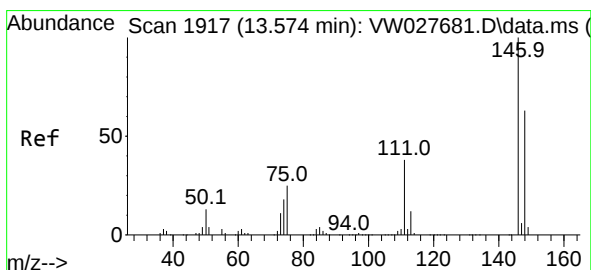
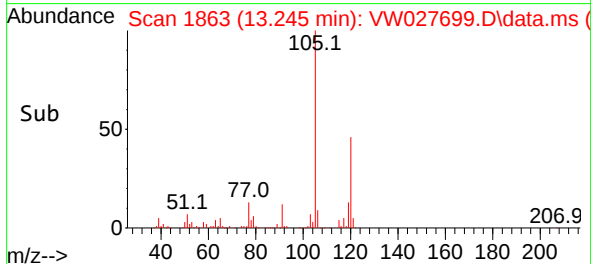
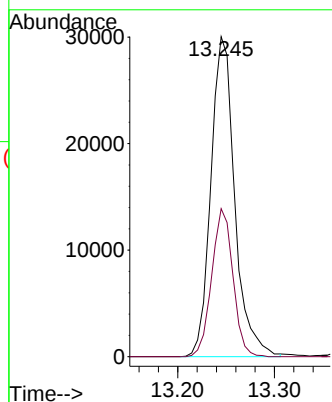
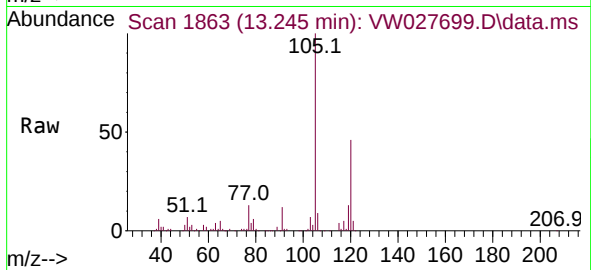
120 48.4 40.0 60.0





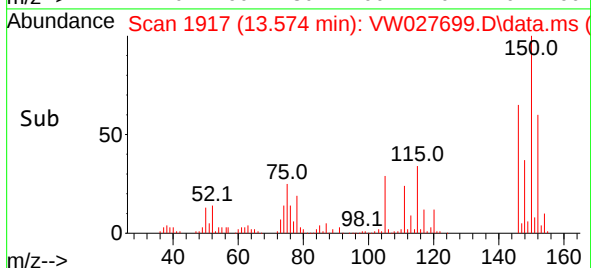
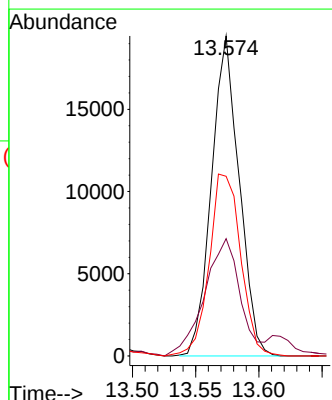
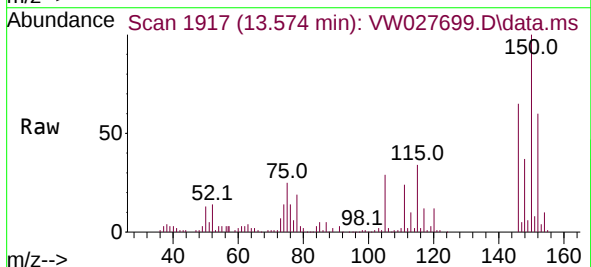
#63
1,2,4-Trimethylbenzene
Concen: 2.366 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

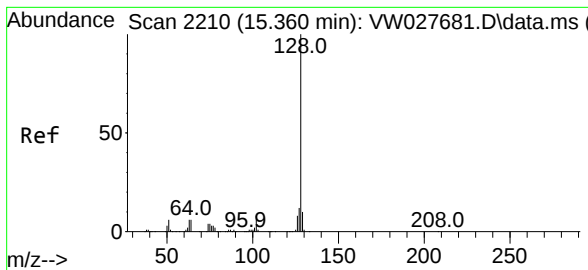
Tgt Ion:105 Resp: 51438
Ion Ratio Lower Upper
105 100
120 41.1 36.4 54.6



#65
1,4-Dichlorobenzene
Concen: 2.473 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

Tgt Ion:146 Resp: 29656
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.6
148 56.2 46.3 85.9





#71
Naphthalene
Concen: 5.776 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.006 min
Lab File: VW027699.D
Acq: 16 Dec 2023 18:10

Tgt Ion:	128	Resp:	69828
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.8	8.6	12.8

