

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027713.D
 Acq On : 17 Dec 2023 01:14
 Operator : SY/MD
 Sample : 05836-18
 Misc : 2.88g/10mL/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 17 03:42:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

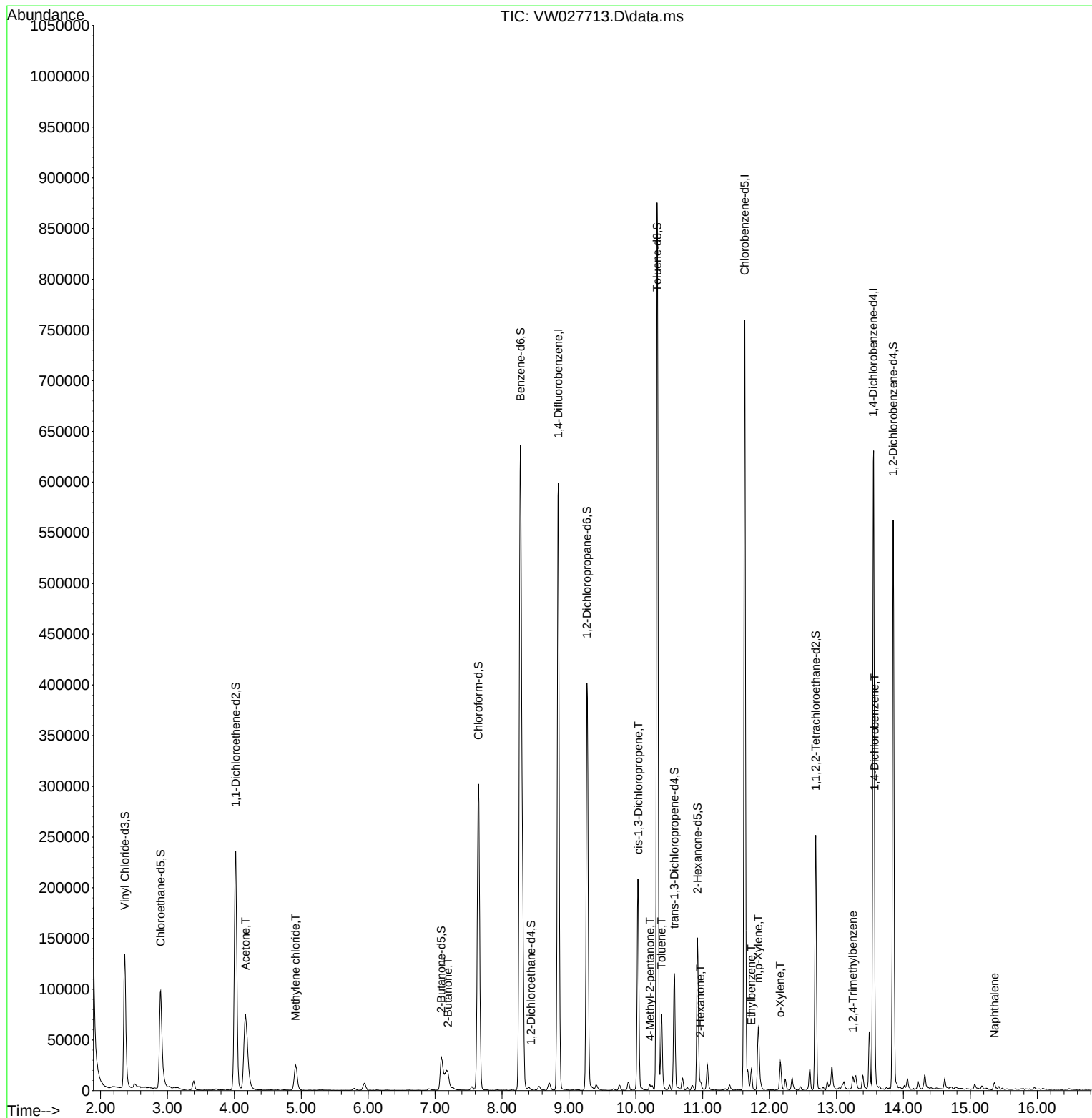
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

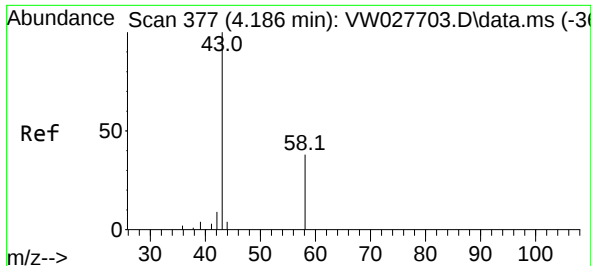
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	542777	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	455737	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	181488	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	186980	24.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.280%
7) Chloroethane-d5	2.899	69	154315	25.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.120%
11) 1,1-Dichloroethene-d2	4.021	65	74017	24.042	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.160%
21) 2-Butanone-d5	7.094	46	59897	45.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.520%
24) Chloroform-d	7.648	84	326061	25.246	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	8.435	65	98	0.016	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	710601	26.679	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.720%
36) 1,2-Dichloropropane-d6	9.270	67	204113	27.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.200%
41) Toluene-d8	10.319	98	605848	24.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	10.575	79	68483	23.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.760%
47) 2-Hexanone-d5	10.922	63	55039	50.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	131581	23.058	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	155084	23.872	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.480%
Target Compounds						Qvalue
13) Acetone	4.167	43	189565	159.533	ug/L	98
16) Methylene chloride	4.917	84	20624	2.423	ug/L	95
22) 2-Butanone	7.191	43	22398	14.195	ug/L	99
39) cis-1,3-Dichloropropene	10.038	75	4861	0.500	ug/L #	67
40) 4-Methyl-2-pentanone	10.215	43	4166	1.495	ug/L	94
42) Toluene	10.386	91	56760	1.997	ug/L	94
48) 2-Hexanone	10.965	43	3807	1.835	ug/L #	96
52) Ethylbenzene	11.727	91	13633	0.426	ug/L	99
53) m,p-Xylene	11.831	106	19730	1.604	ug/L	92
54) o-Xylene	12.160	106	6603	0.576	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	9054	0.449	ug/L	87
65) 1,4-Dichlorobenzene	13.568	146	6150	0.553	ug/L	93
71) Naphthalene	15.360	128	6106	0.545	ug/L	98

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

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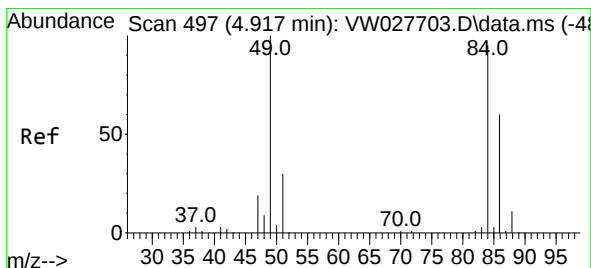
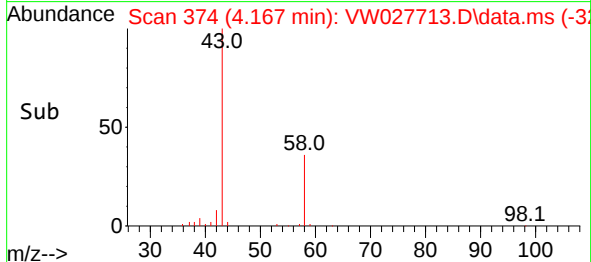
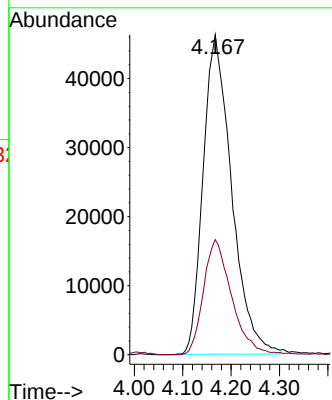
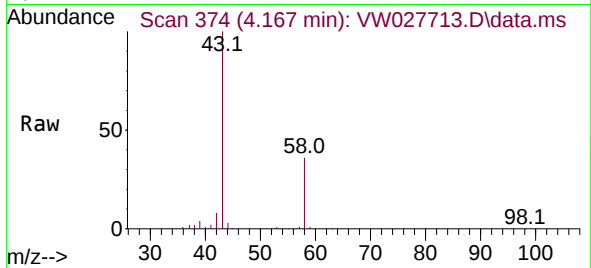
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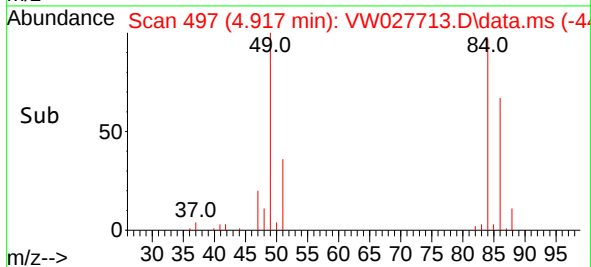
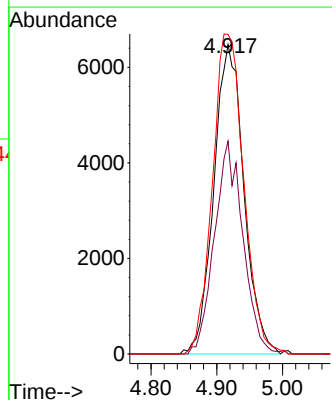
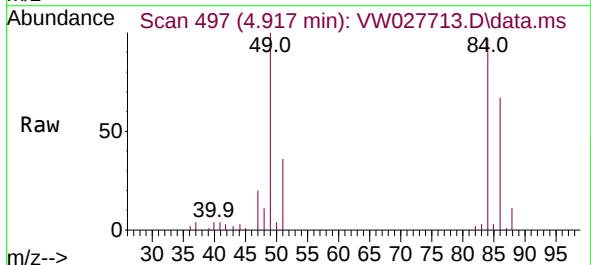
#13
Acetone
Concen: 159.533 ug/L
RT: 4.167 min Scan# 374
Delta R.T. -0.018 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

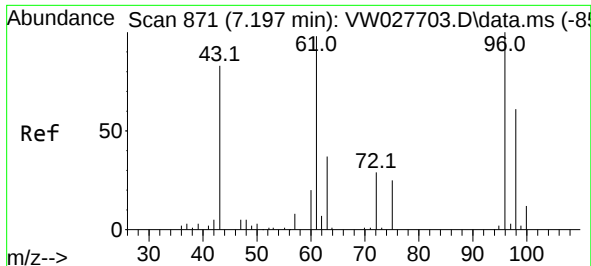
Tgt Ion: 43 Resp: 189565
Ion Ratio Lower Upper
43 100
58 35.5 0.0 68.6



#16
Methylene chloride
Concen: 2.423 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

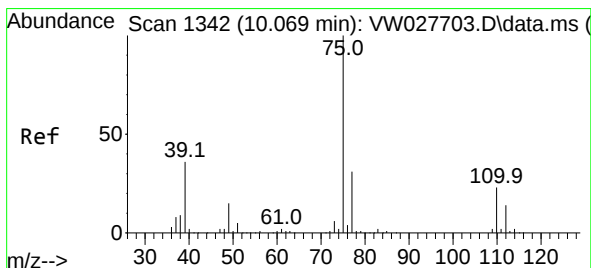
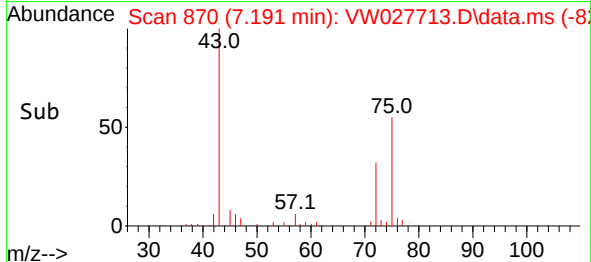
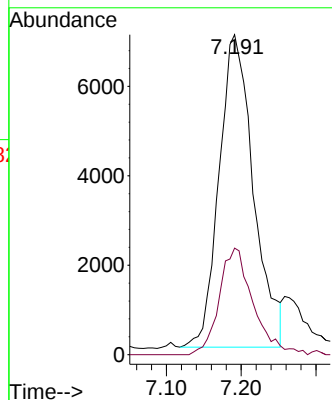
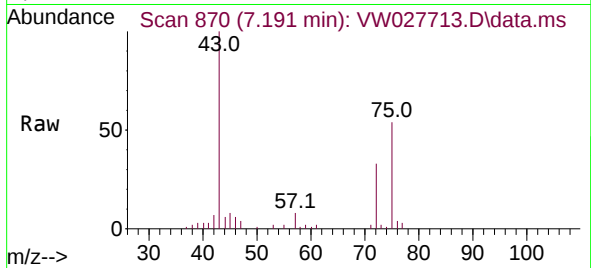
Tgt Ion: 84 Resp: 20624
Ion Ratio Lower Upper
84 100
86 68.8 45.8 85.2
49 103.3 76.2 141.6





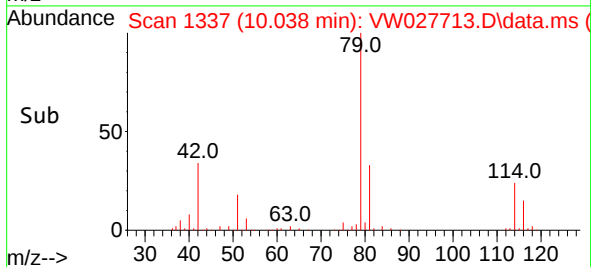
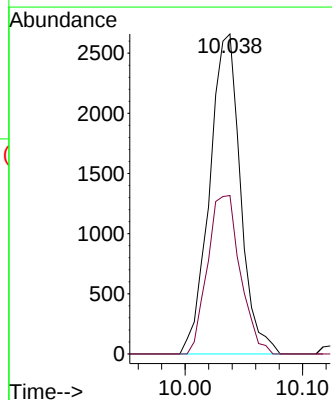
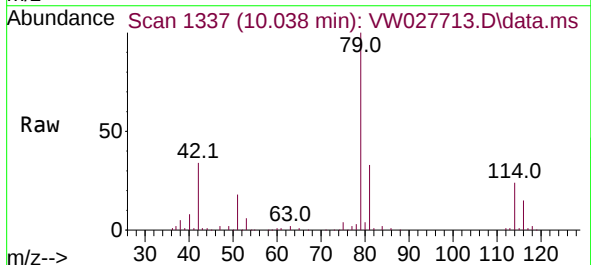
#22
2-Butanone
Concen: 14.195 ug/L
RT: 7.191 min Scan# 870
Delta R.T. -0.006 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

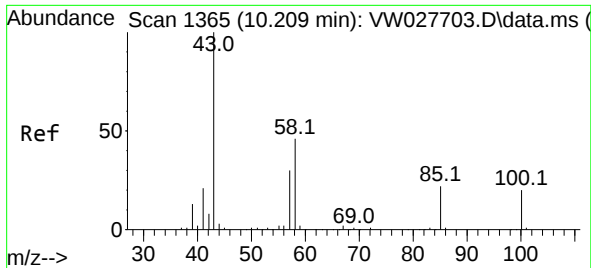
Tgt Ion: 43 Resp: 22398
Ion Ratio Lower Upper
43 100
72 32.8 16.1 48.2



#39
cis-1,3-Dichloropropene
Concen: 0.500 ug/L
RT: 10.038 min Scan# 1337
Delta R.T. -0.031 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

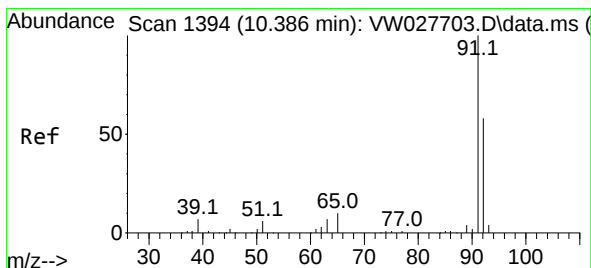
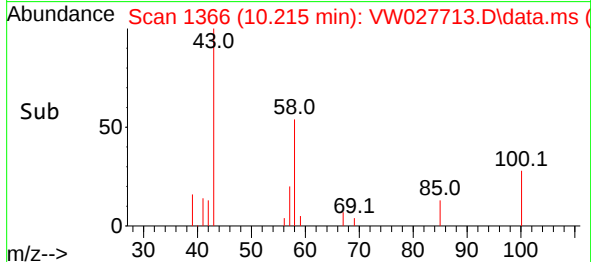
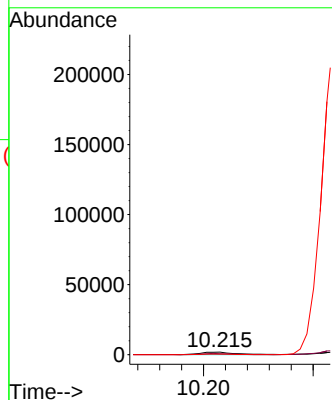
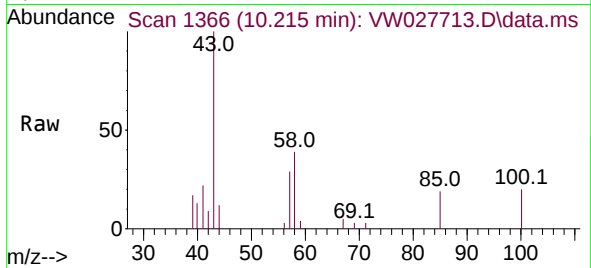
Tgt Ion: 75 Resp: 4861
Ion Ratio Lower Upper
75 100
77 49.5 21.8 40.6#





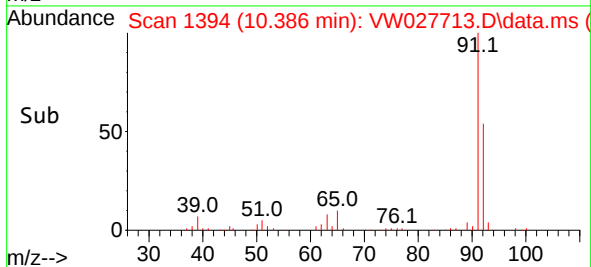
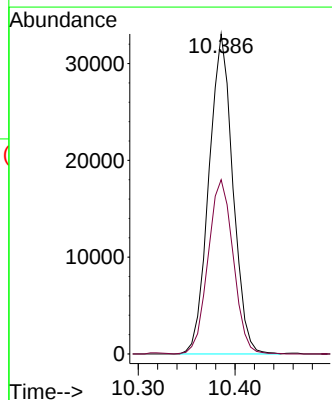
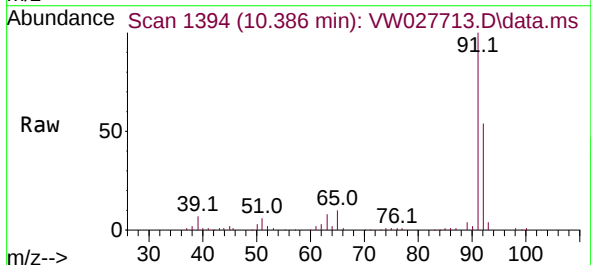
#40
4-Methyl-2-pentanone
Concen: 1.495 ug/L
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

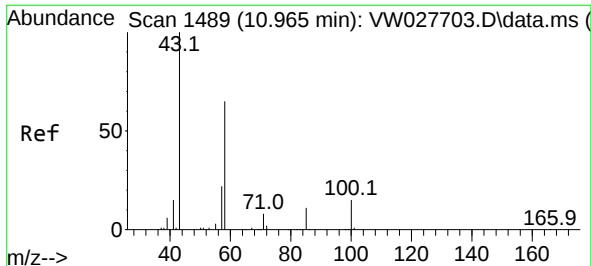
Tgt Ion: 43 Resp: 4166
Ion Ratio Lower Upper
43 100
58 40.7 36.1 54.1
100 17.6 15.8 23.8



#42
Toluene
Concen: 1.997 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

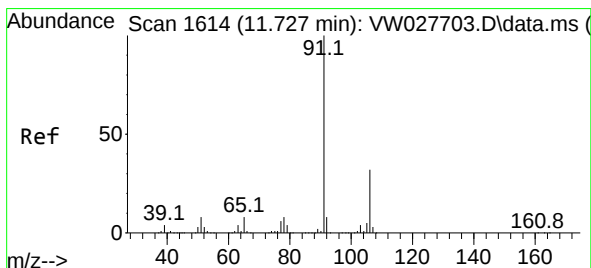
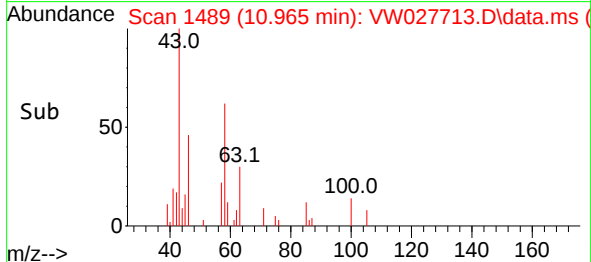
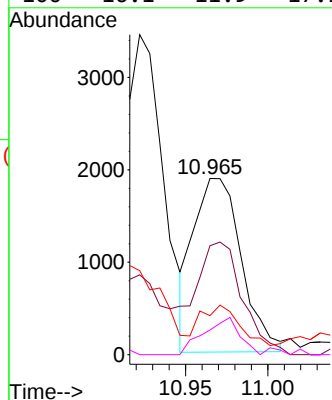
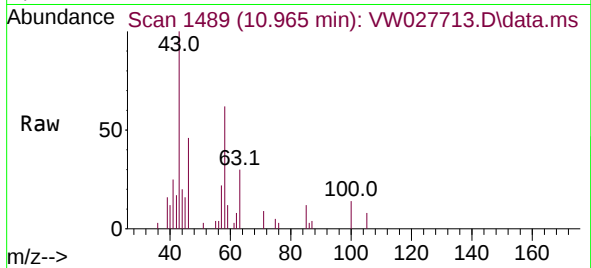
Tgt Ion: 91 Resp: 56760
Ion Ratio Lower Upper
91 100
92 54.4 41.2 76.4





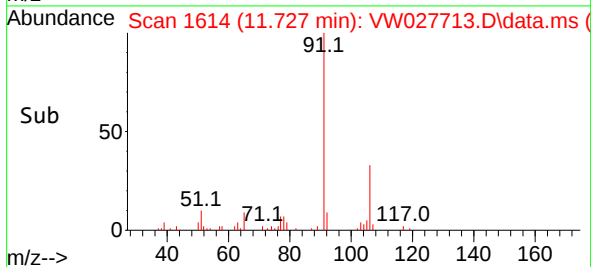
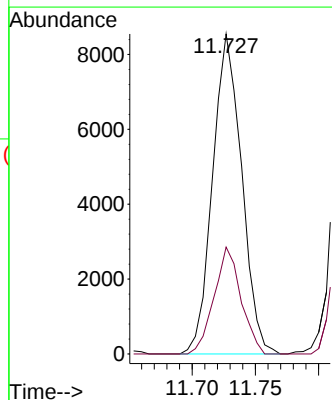
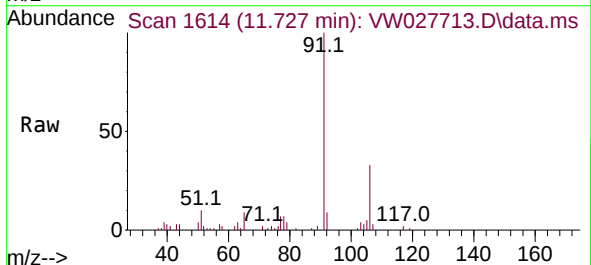
#48
2-Hexanone
Concen: 1.835 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

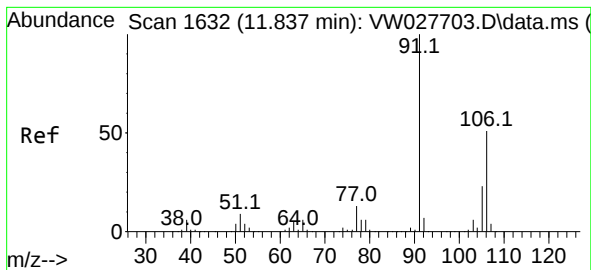
Tgt Ion: 43	Resp: 3807
Ion Ratio	Lower Upper
43	100
58	61.5 50.4 75.6
57	25.6 17.0 25.6#
100	16.1 11.9 17.9



#52
Ethylbenzene
Concen: 0.426 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

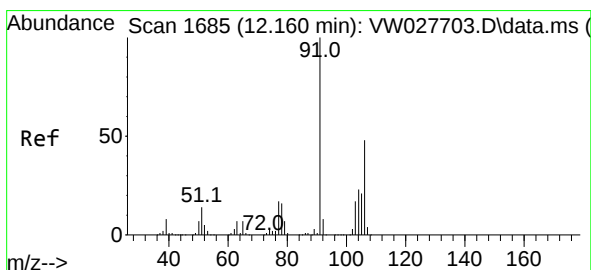
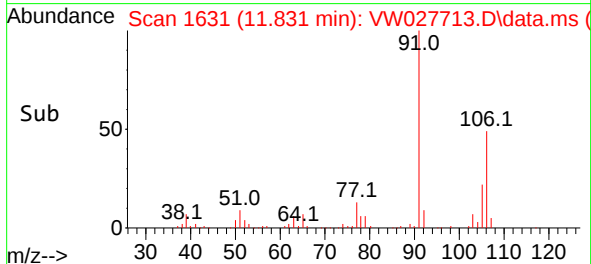
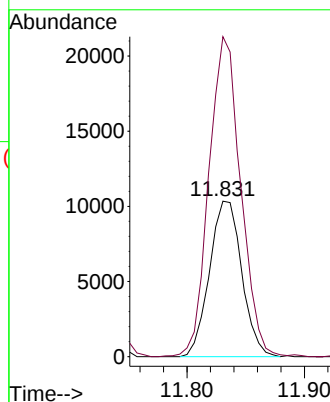
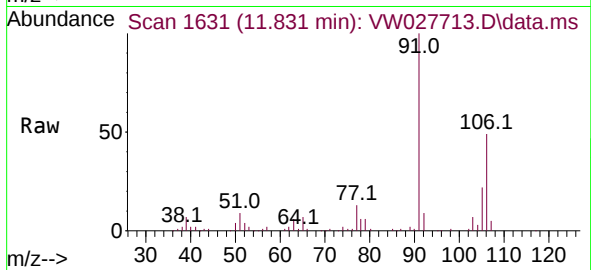
Tgt Ion: 91	Resp: 13633
Ion Ratio	Lower Upper
91	100
106	33.4 23.7 44.1





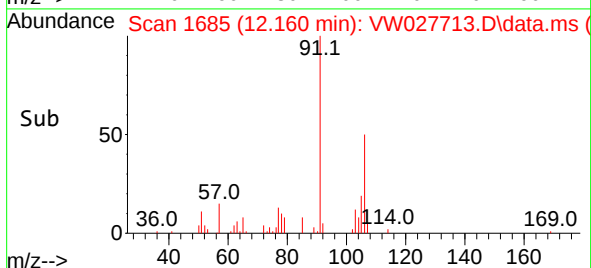
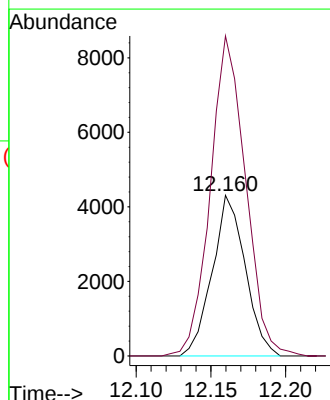
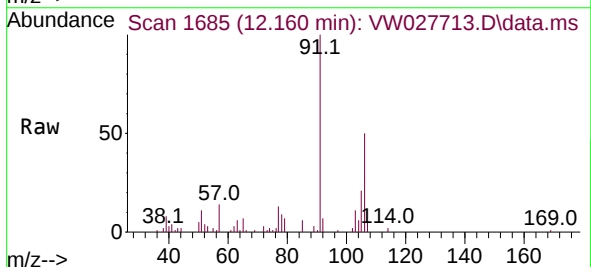
#53
m,p-Xylene
Concen: 1.604 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

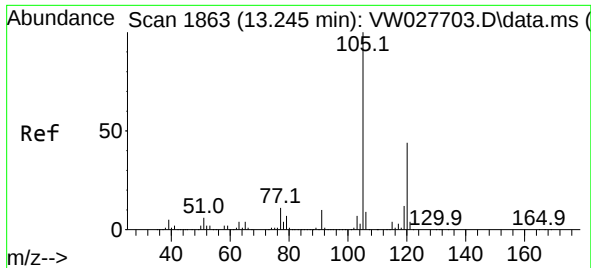
Tgt Ion:106 Resp: 19730
Ion Ratio Lower Upper
106 100
91 205.7 135.7 251.9



#54
o-Xylene
Concen: 0.576 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW027713.D
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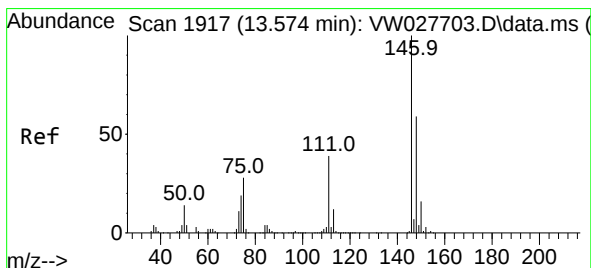
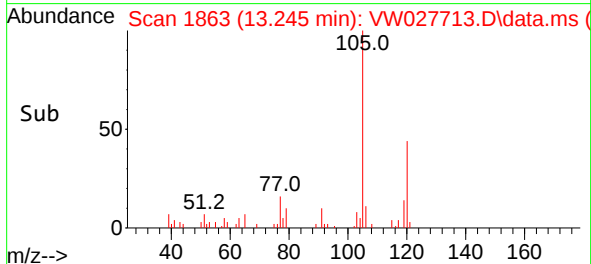
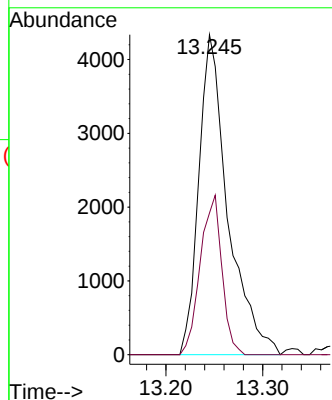
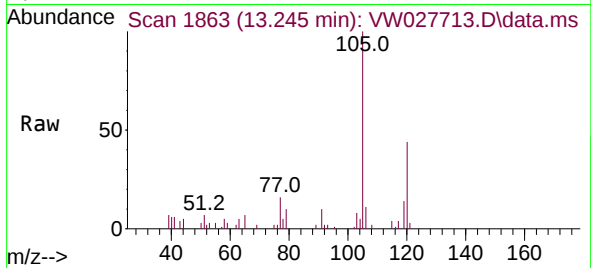
Tgt Ion:106 Resp: 6603
Ion Ratio Lower Upper
106 100
91 199.3 149.9 278.3





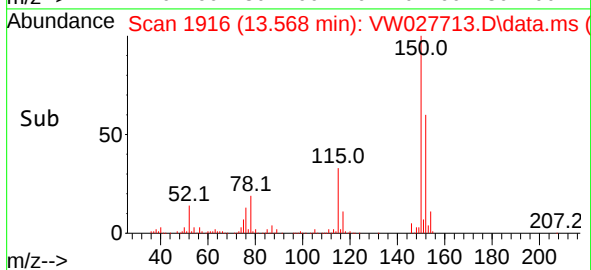
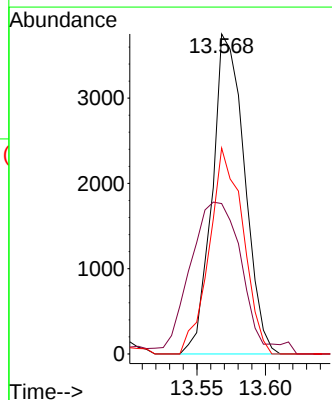
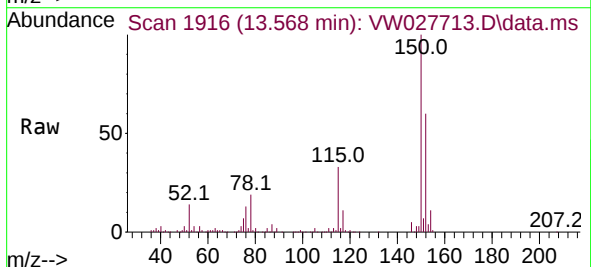
#63
1,2,4-Trimethylbenzene
Concen: 0.449 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

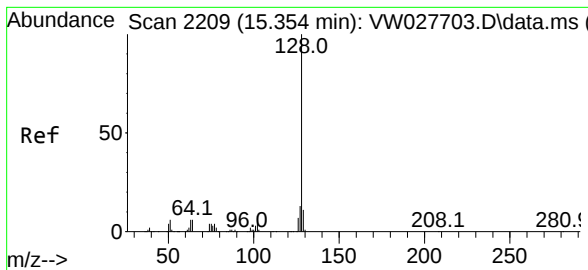
Tgt Ion:105 Resp: 9054
Ion Ratio Lower Upper
105 100
120 37.1 36.4 54.6



#65
1,4-Dichlorobenzene
Concen: 0.553 ug/L
RT: 13.568 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

Tgt Ion:146 Resp: 6150
Ion Ratio Lower Upper
146 100
111 47.0 26.2 48.6
148 64.3 46.3 85.9





#71
Naphthalene
Concen: 0.545 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW027713.D
Acq: 17 Dec 2023 01:14

Tgt Ion:	128	Resp:	6106
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	12.1	8.6	12.8

