

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021985.D
 Acq On : 17 Jan 2022 19:23
 Operator : SY/VA
 Sample : N1155-10RE
 Misc : 6.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLW4

Quant Time: Jan 18 00:41:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 18 00:36:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156076	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	153472	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	89140	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40642	14.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.040%
7) Chloroethane-d5	2.879	69	32410	12.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.480%
11) 1,1-Dichloroethene-d2	4.013	63	54409	11.880	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.520%
21) 2-Butanone-d5	7.080	46	26999	65.939	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.880%
24) Chloroform-d	7.653	84	96851	19.208	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.840%
26) 1,2-Dichloroethane-d4	8.305	65	54351	22.322	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.280%
32) Benzene-d6	8.275	84	187993	18.878	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.520%
36) 1,2-Dichloropropane-d6	9.268	67	53748	20.477	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.920%
41) Toluene-d8	10.323	98	179089	17.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.360%
43) trans-1,3-Dichloroprop...	10.579	79	21692	19.465	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.840%
47) 2-Hexanone-d5	10.921	63	22715	63.778	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	52734	25.693	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	75447	20.584	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.320%

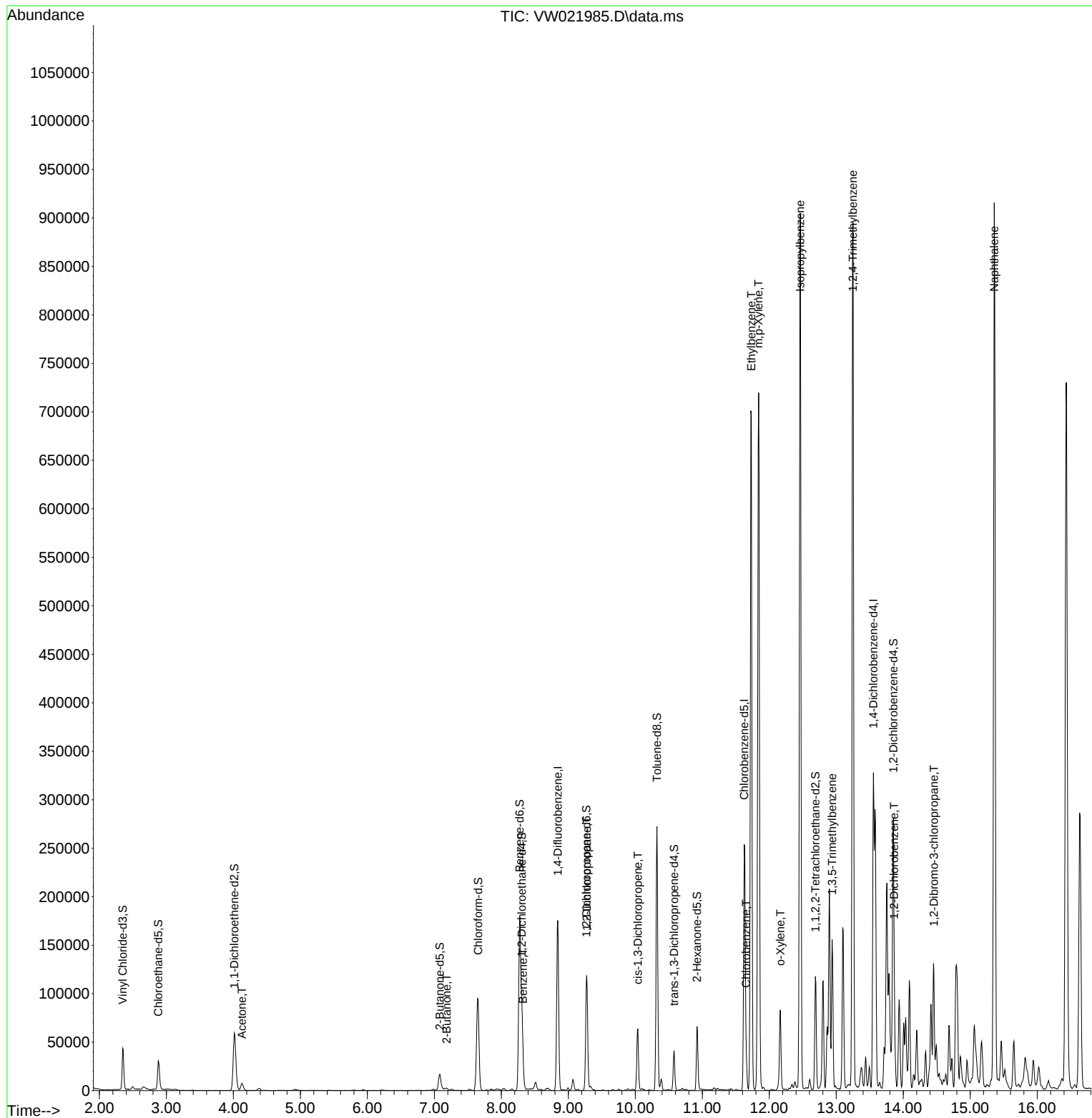
Target Compounds						Qvalue
13) Acetone	4.129	43	12357	36.529	ug/L	85
22) 2-Butanone	7.183	43	3630	8.395	ug/L	78
33) Benzene	8.323	78	10726	1.140	ug/L	100
37) 1,2-Dichloropropane	9.274	63	6577	3.208	ug/L	# 90
39) cis-1,3-Dichloropropene	10.037	75	1765	0.554	ug/L	# 54
51) Chlorobenzene	11.652	112	15819	2.123	ug/L	89
52) Ethylbenzene	11.731	91	515664	43.980	ug/L	95
53) m,p-Xylene	11.841	106	237039	48.347	ug/L	89
54) o-Xylene	12.164	106	22743	4.997	ug/L	89
60) Isopropylbenzene	12.463	105	603375	49.707	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	76849	7.645	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	517642	52.215	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	8027	1.502	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.456	75	1074	4.366	ug/L	# 10
71) Naphthalene	15.359	128	813011	145.820	ug/L	99

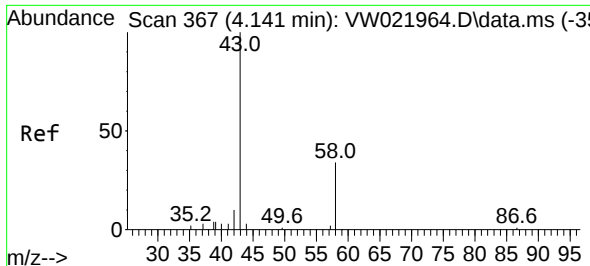
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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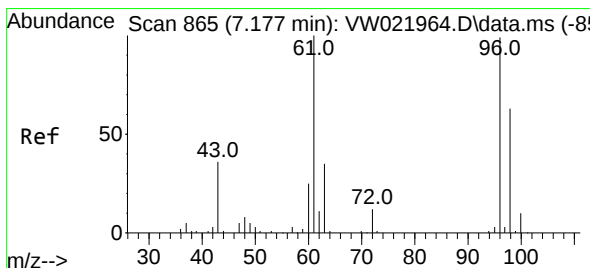
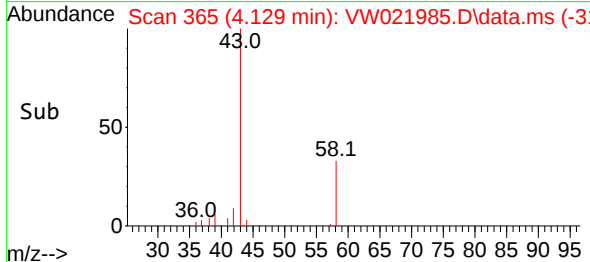
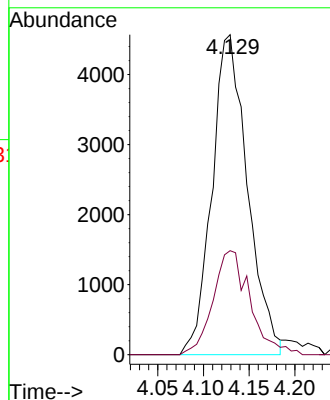
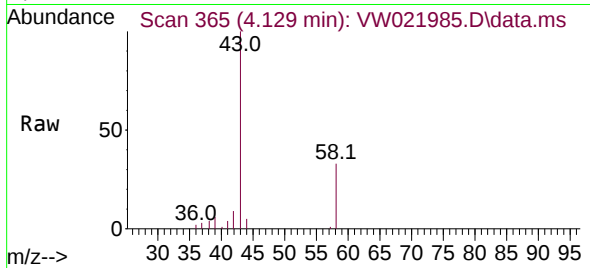




#13
Acetone
Concen: 36.529 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

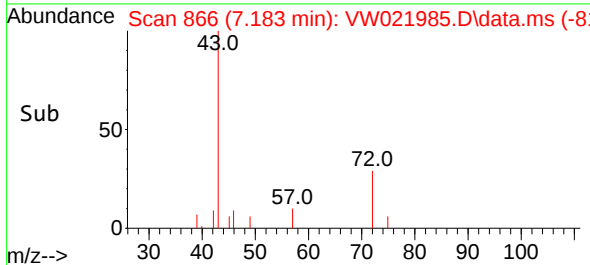
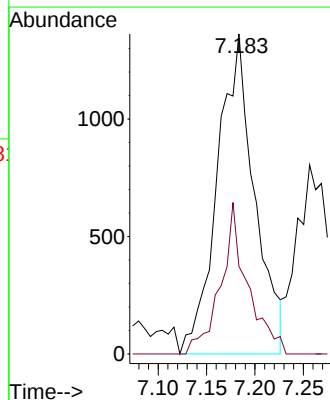
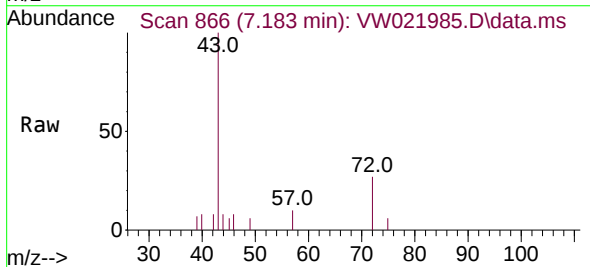
Instrument :
MSVOA_W
ClientSampleId :
BGLW4

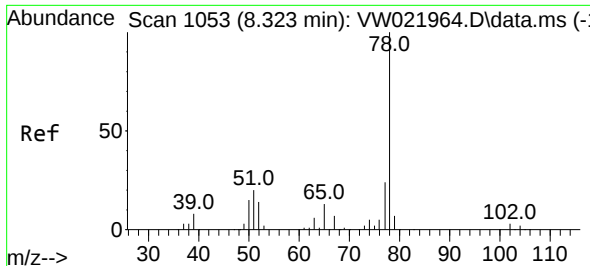
Tgt Ion: 43 Resp: 12357
Ion Ratio Lower Upper
43 100
58 33.9 0.0 52.8



#22
2-Butanone
Concen: 8.395 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

Tgt Ion: 43 Resp: 3630
Ion Ratio Lower Upper
43 100
72 34.2 11.8 35.4

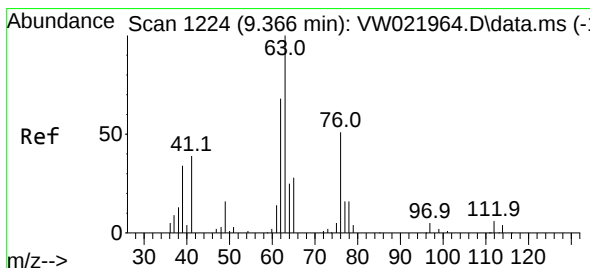
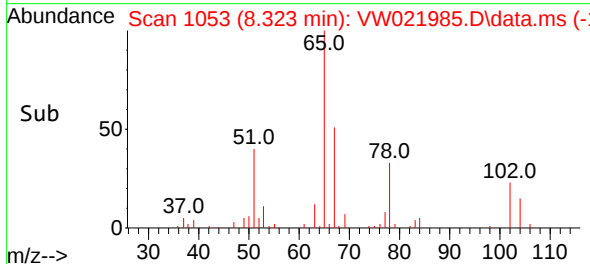
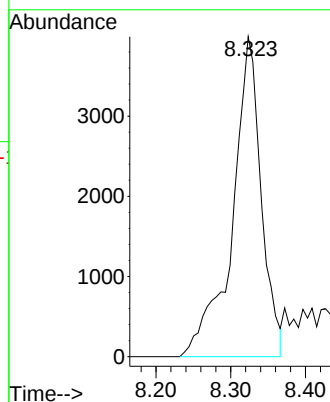
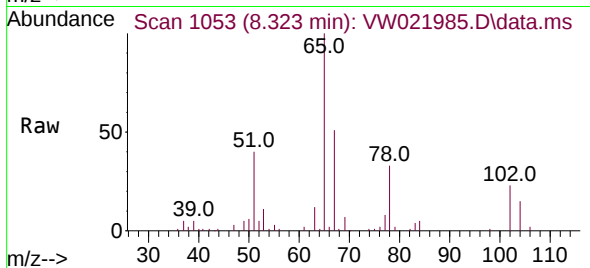




#33
Benzene
Concen: 1.140 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

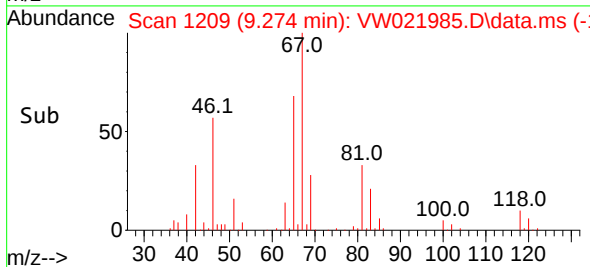
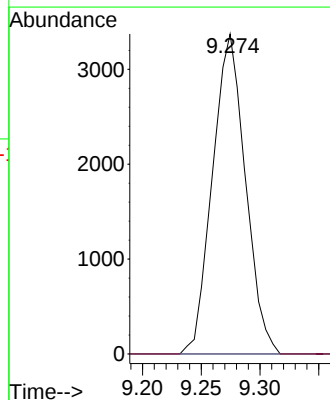
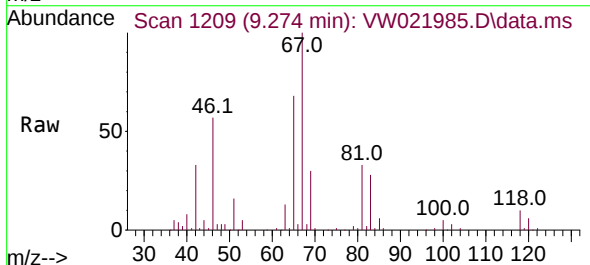
Instrument :
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ClientSampleId :
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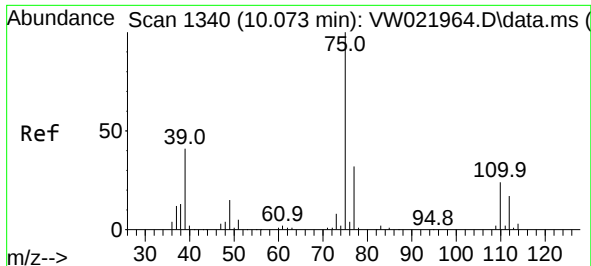
Tgt Ion: 78 Resp: 10726



#37
1,2-Dichloropropane
Concen: 3.208 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

Tgt Ion: 63 Resp: 6577
Ion Ratio Lower Upper
63 100
112 0.7 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.554 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021985.D

Acq: 17 Jan 2022 19:23

Instrument :

MSVOA_W

ClientSampleId :

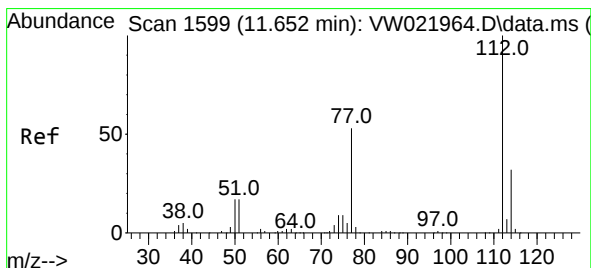
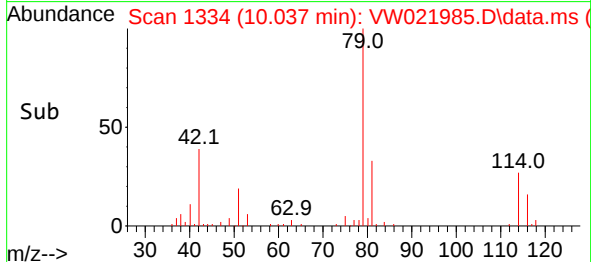
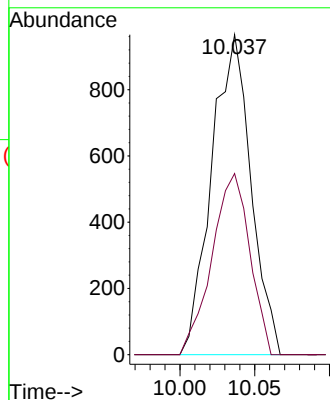
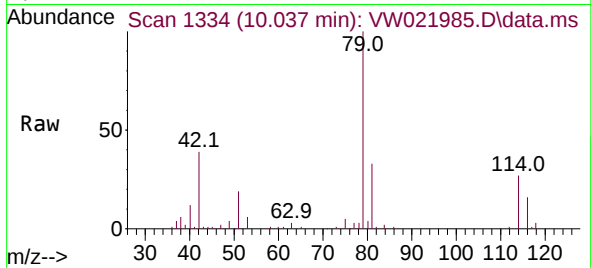
BGLW4

Tgt Ion: 75 Resp: 1765

Ion Ratio Lower Upper

75 100

77 56.6 21.8 40.6#



#51

Chlorobenzene

Concen: 2.123 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW021985.D

Acq: 17 Jan 2022 19:23

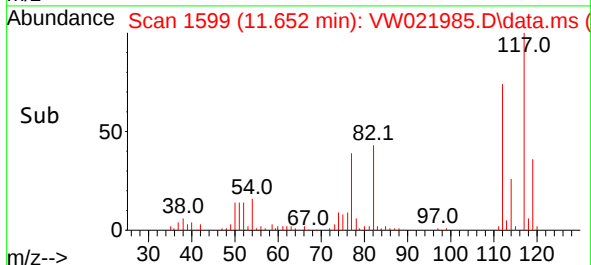
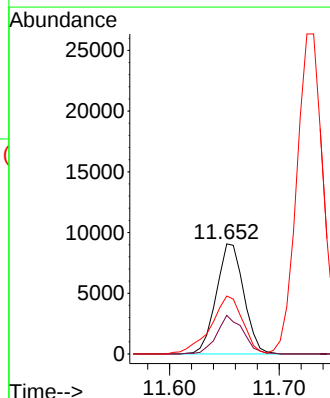
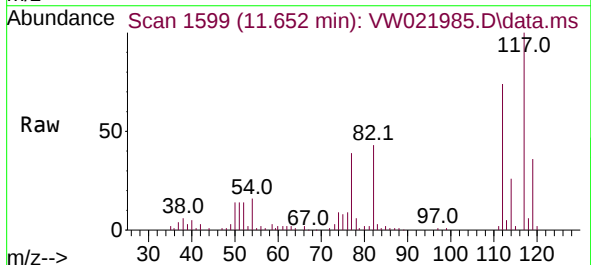
Tgt Ion: 112 Resp: 15819

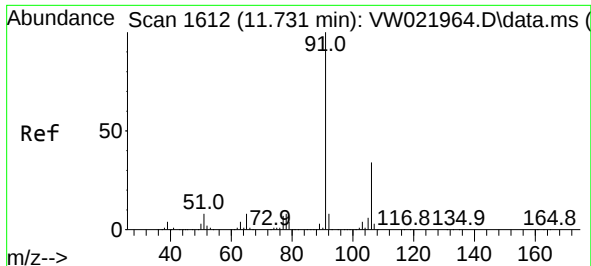
Ion Ratio Lower Upper

112 100

114 35.1 22.4 41.6

77 52.6 50.2 75.4

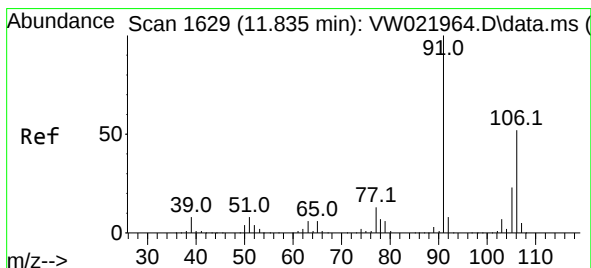
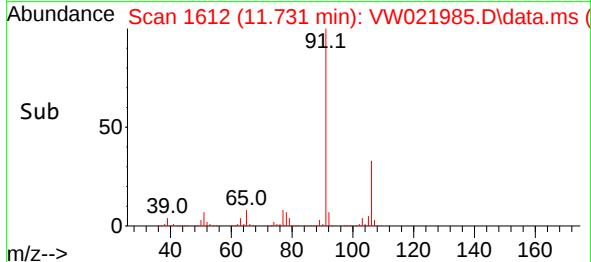
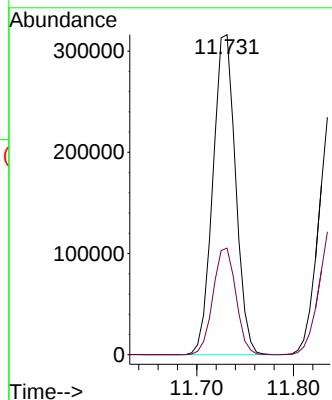
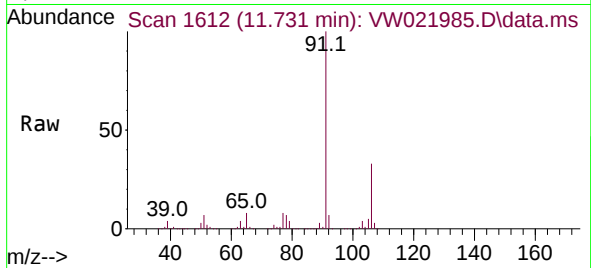




#52
Ethylbenzene
Concen: 43.980 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

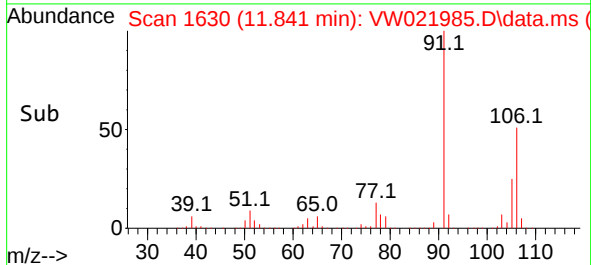
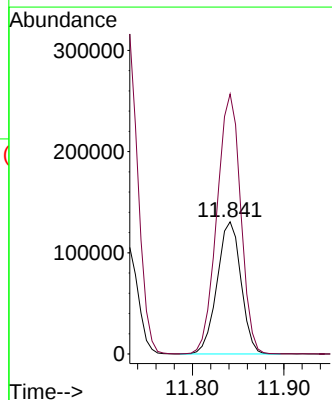
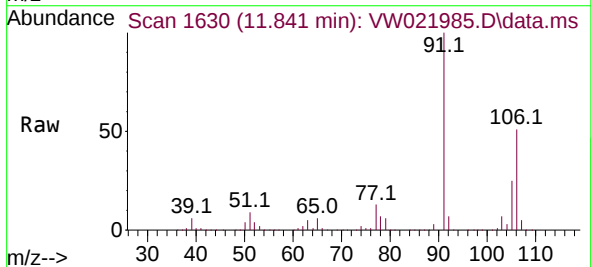
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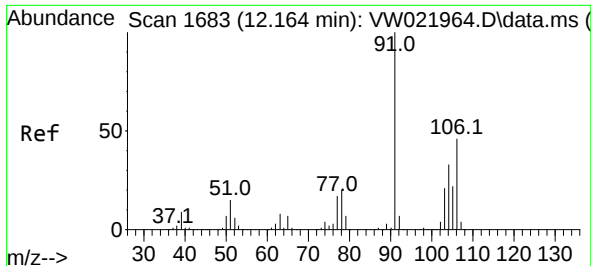
Tgt Ion: 91 Resp: 515664
Ion Ratio Lower Upper
91 100
106 33.3 21.5 39.9



#53
m,p-Xylene
Concen: 48.347 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

Tgt Ion:106 Resp: 237039
Ion Ratio Lower Upper
106 100
91 196.7 149.9 278.3

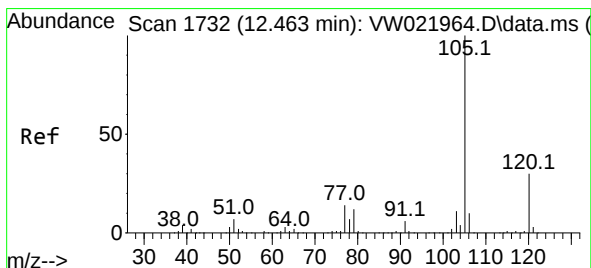
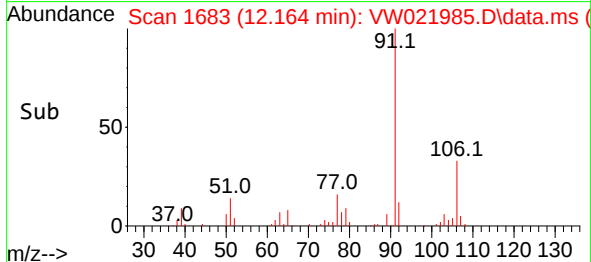
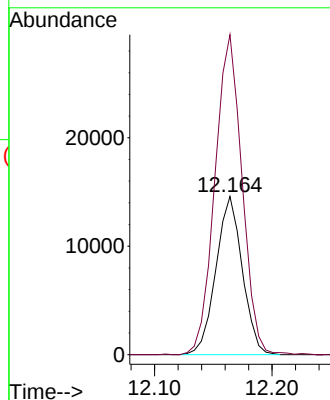
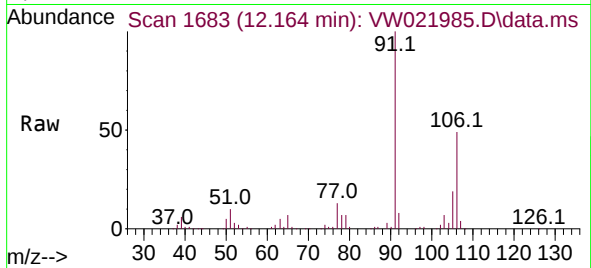




#54
o-Xylene
Concen: 4.997 ug/L
RT: 12.164 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

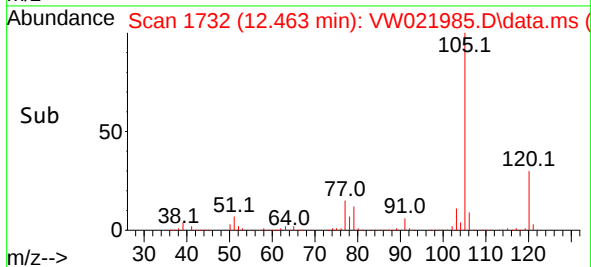
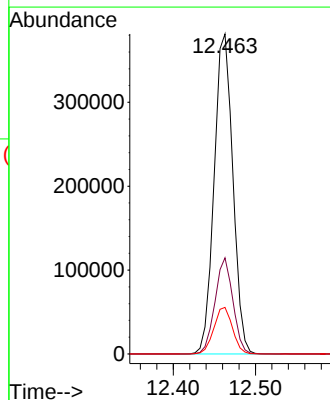
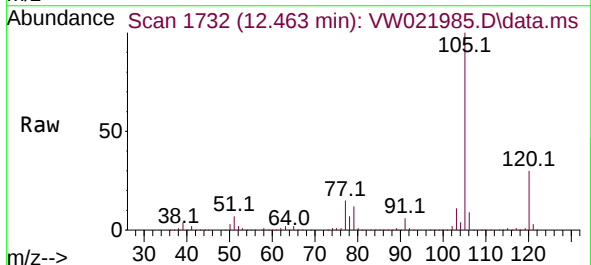
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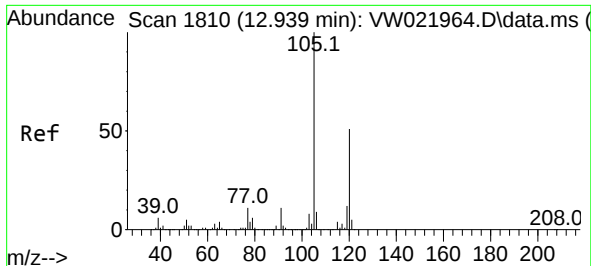
Tgt Ion:106 Resp: 22743
Ion Ratio Lower Upper
106 100
91 202.2 153.6 285.3



#60
Isopropylbenzene
Concen: 49.707 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

Tgt Ion:105 Resp: 603375
Ion Ratio Lower Upper
105 100
120 28.8 20.1 30.1
77 14.5 13.8 20.8

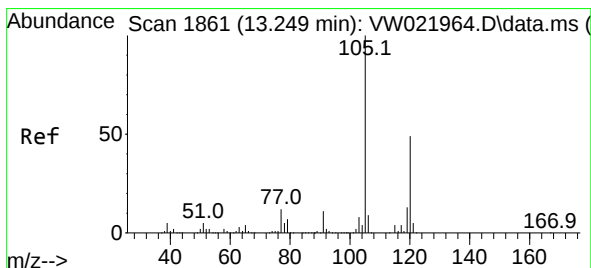
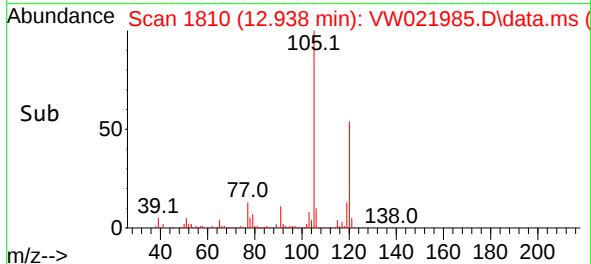
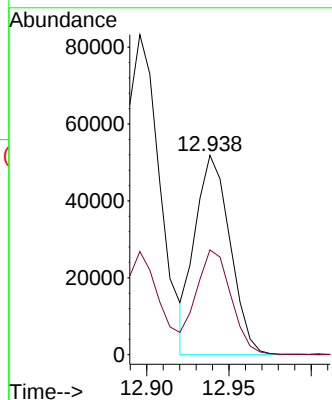
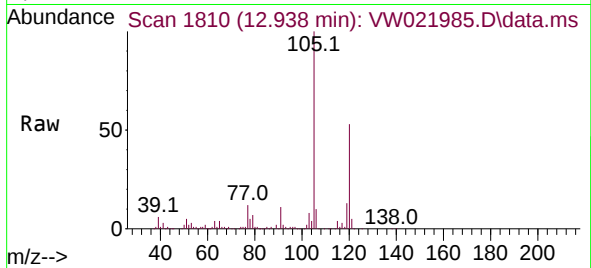




#62
1,3,5-Trimethylbenzene
Concen: 7.645 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

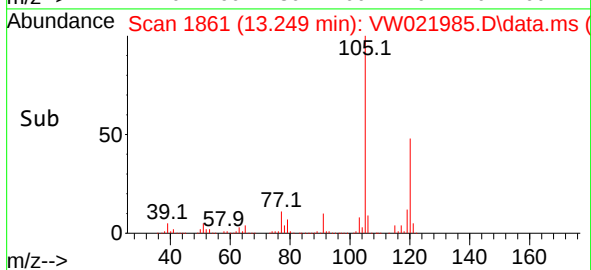
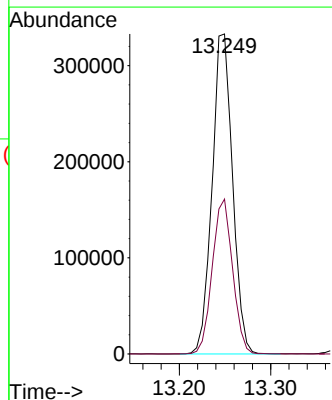
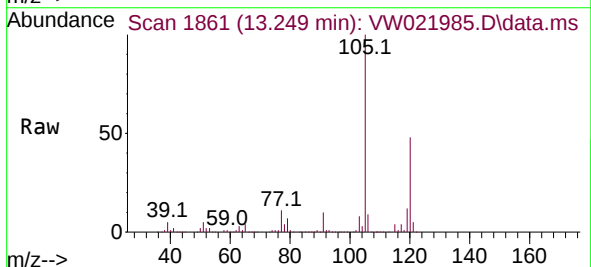
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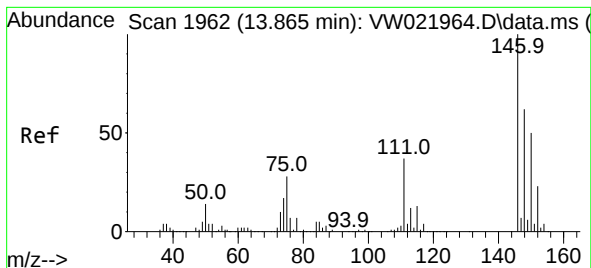
Tgt Ion:105 Resp: 76849
Ion Ratio Lower Upper
105 100
120 52.2 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 52.215 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

Tgt Ion:105 Resp: 517642
Ion Ratio Lower Upper
105 100
120 48.0 35.0 52.6

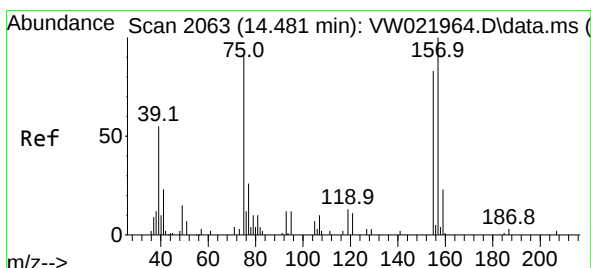
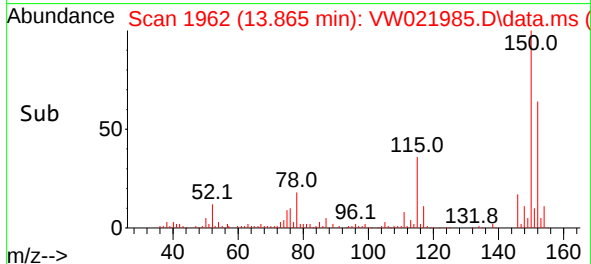
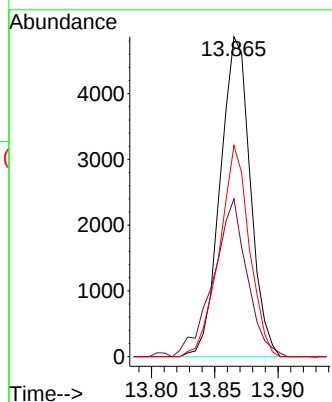
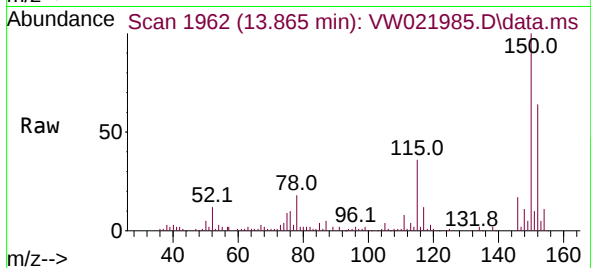




#67
1,2-Dichlorobenzene
Concen: 1.502 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

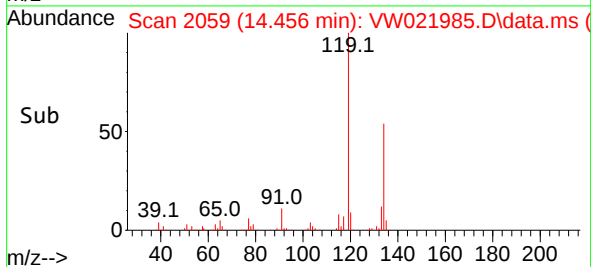
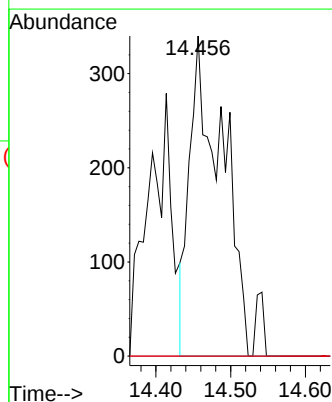
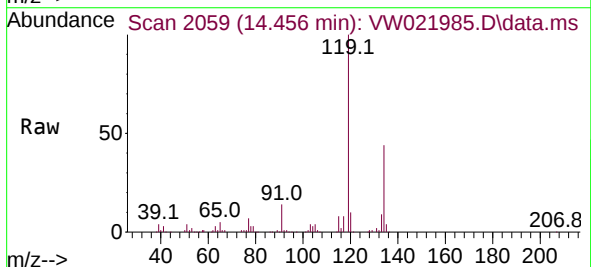
Instrument :
MSVOA_W
ClientSampleId :
BGLW4

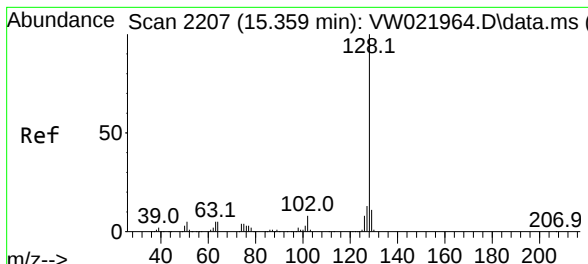
Tgt Ion:146 Resp: 8027
Ion Ratio Lower Upper
146 100
111 49.4 33.1 49.7
148 66.0 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.366 ug/L
RT: 14.456 min Scan# 2059
Delta R.T. -0.024 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

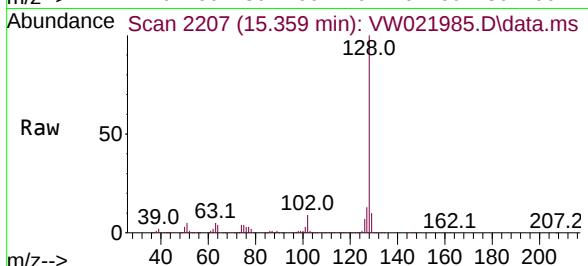
Tgt Ion: 75 Resp: 1074
Ion Ratio Lower Upper
75 100
155 0.0 54.2 81.2#
157 0.0 69.4 104.2#





#71
Naphthalene
Concen: 145.820 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021985.D
Acq: 17 Jan 2022 19:23

Instrument :
MSVOA_W
ClientSampleId :
BGLW4



Tgt Ion:128 Resp: 813011

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.0	8.6	12.8

