

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021971.D
 Acq On : 17 Jan 2022 13:46
 Operator : SY/VA
 Sample : N1129-05MSD
 Misc : 7.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBLZ8MSD

Quant Time: Jan 18 00:38:32 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	8.841	114	107179	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	84713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	29619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	31480	15.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.200%
7) Chloroethane-d5	2.885	69	26157	14.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.160%
11) 1,1-Dichloroethene-d2	4.019	63	58191	18.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.000%
21) 2-Butanone-d5	7.079	46	15424	54.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.720%
24) Chloroform-d	7.646	84	74157	21.417	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	8.305	65	38541	23.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	8.274	84	135456	24.643	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.560%
36) 1,2-Dichloropropane-d6	9.274	67	39251	27.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.360%
41) Toluene-d8	10.323	98	121478	21.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	10.579	79	12970	21.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.320%
47) 2-Hexanone-d5	10.920	63	11221	57.078	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.160%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30223	26.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	24689	20.272	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9383	22.207	ug/L	100
3) Chloromethane	2.215	50	33007	21.546	ug/L	99
5) Vinyl chloride	2.361	62	46340	21.057	ug/L	97
6) Bromomethane	2.781	94	22901	14.717	ug/L	99
8) Chloroethane	2.922	64	24842	18.678	ug/L	98
9) Trichlorofluoromethane	3.263	101	35007	21.405	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37994	21.343	ug/L	90
12) 1,1-Dichloroethene	4.043	96	35050	21.909	ug/L	# 62
13) Acetone	4.129	43	11851	51.016	ug/L	86
14) Carbon disulfide	4.385	76	80304	19.173	ug/L	98
15) Methyl Acetate	4.671	43	7439	15.844	ug/L	# 83
16) Methylene chloride	4.921	84	38058	20.748	ug/L	# 75
17) trans-1,2-Dichloroethene	5.421	96	37669	21.791	ug/L	76
18) Methyl tert-butyl Ether	5.433	73	63212	28.675	ug/L	# 83
19) 1,1-Dichloroethane	6.220	63	61949	24.436	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	41690	23.443	ug/L	67
22) 2-Butanone	7.177	43	18132	61.064	ug/L	82
23) Bromochloromethane	7.512	128	20963	23.691	ug/L	# 64
25) Chloroform	7.677	83	71584	23.864	ug/L	97

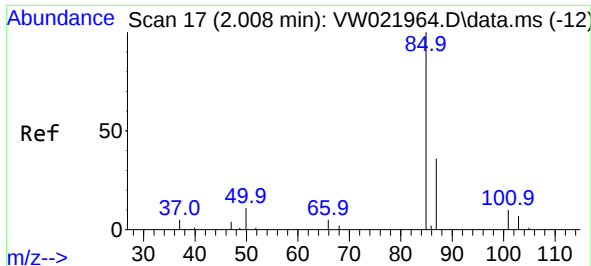
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 Quant Title : SFAM01.0
 QLast Update : Tue Jan 18 00:36:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	43962	25.309	ug/L #	95
29) Cyclohexane	7.957	56	47397	25.010	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	62211	28.332	ug/L #	92
31) Carbon tetrachloride	8.073	117	56689	26.642	ug/L	99
33) Benzene	8.323	78	143780	27.679	ug/L	100
34) Trichloroethene	9.091	95	38430	25.500	ug/L	90
35) Methylcyclohexane	9.335	83	46608	18.807	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	33067	29.221	ug/L #	95
38) Bromodichloromethane	9.646	83	46156	29.218	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	41332	23.506	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	35291	66.388	ug/L #	88
42) Toluene	10.390	91	151728	26.044	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	33830	22.987	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	28513	29.677	ug/L	94
46) Tetrachloroethene	10.859	164	32100	21.540	ug/L	93
48) 2-Hexanone	10.969	43	21815	59.978	ug/L #	92
49) Dibromochloromethane	11.128	129	32041	26.467	ug/L	92
50) 1,2-Dibromoethane	11.231	107	25504	26.742	ug/L #	97
51) Chlorobenzene	11.658	112	87015	21.154	ug/L	90
52) Ethylbenzene	11.725	91	150390	23.237	ug/L	97
53) m,p-Xylene	11.835	106	63672	23.528	ug/L	85
54) o-Xylene	12.164	106	59530	23.694	ug/L	90
55) Styrene	12.176	104	78430	18.909	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	27491	26.594	ug/L #	92
59) Bromoform	12.347	173	15974	39.557	ug/L #	96
60) Isopropylbenzene	12.463	105	143793	35.651	ug/L	94
61) 1,2,3-Trichloropropane	12.767	75	21226	50.146	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	110089	32.961	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	104352	31.679	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	45703	22.537	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	43836	21.893	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	40386	22.746	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	3132	38.316	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.627	180	20019	13.282	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	11954	9.954	ug/L	100
71) Naphthalene	15.365	128	24009	12.960	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	9697	9.778	ug/L	98

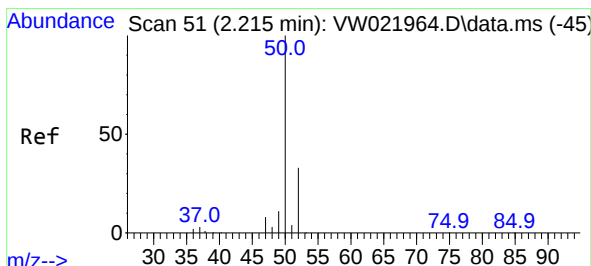
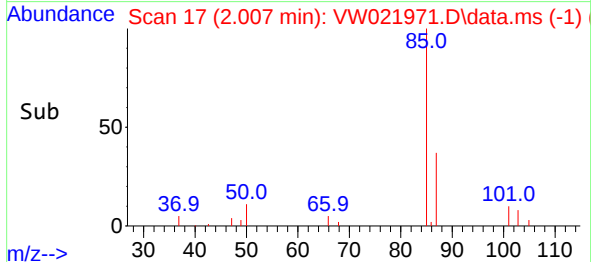
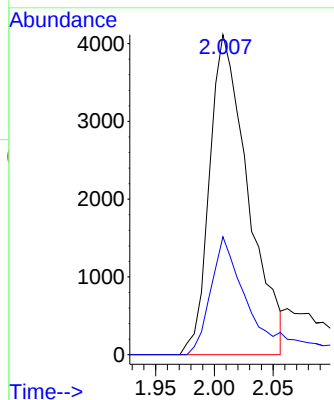
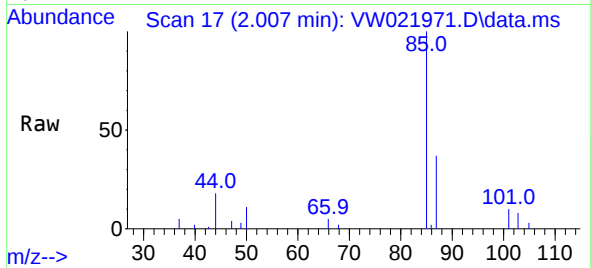
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 22.207 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

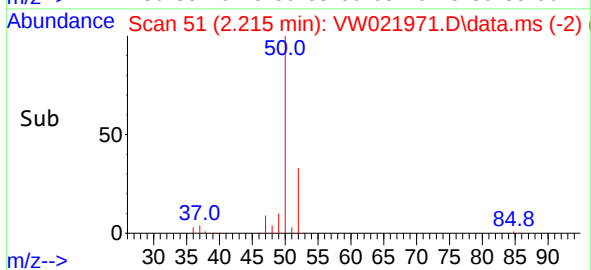
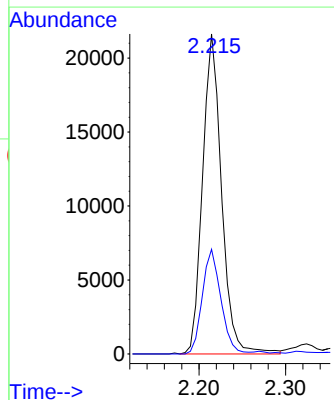
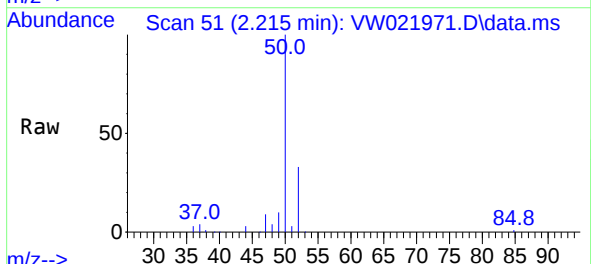
Instrument :
MSVOA_W
ClientSampleId :
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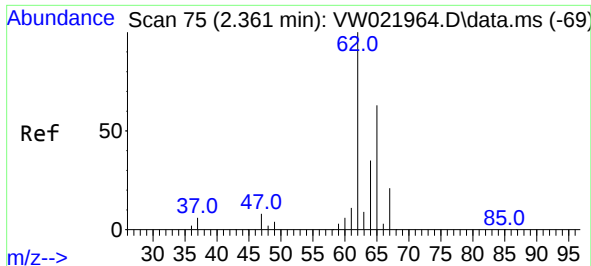
Tgt Ion: 85 Resp: 9383
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.6



#3
Chloromethane
Concen: 21.546 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 50 Resp: 33007
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.6

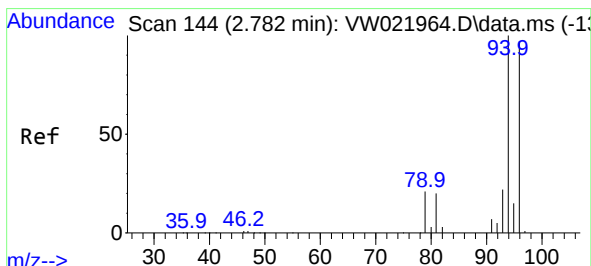
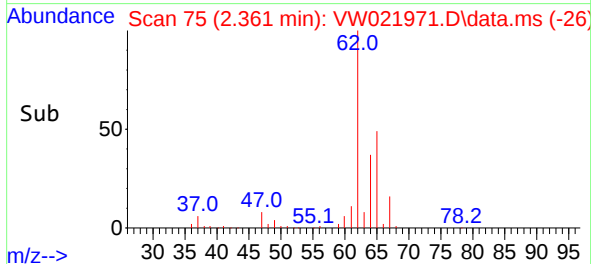
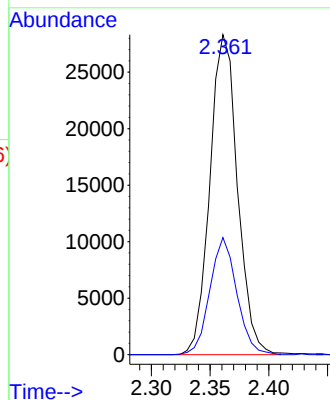
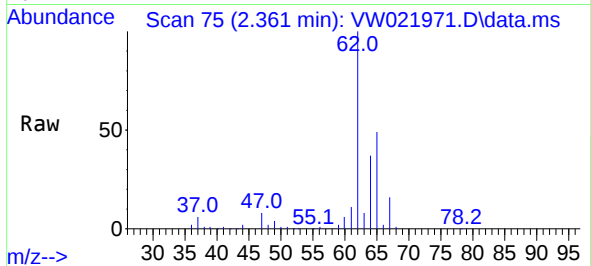




#5
 Vinyl chloride
 Concen: 21.057 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021971.D
 Acq: 17 Jan 2022 13:46

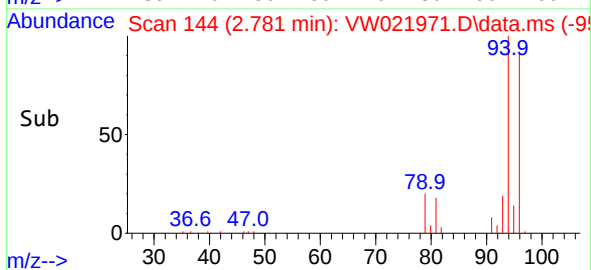
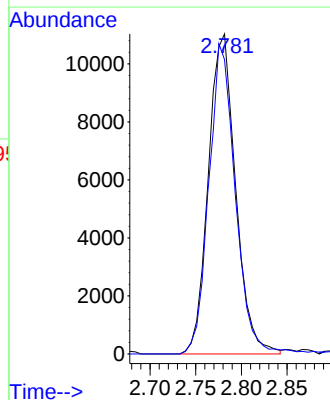
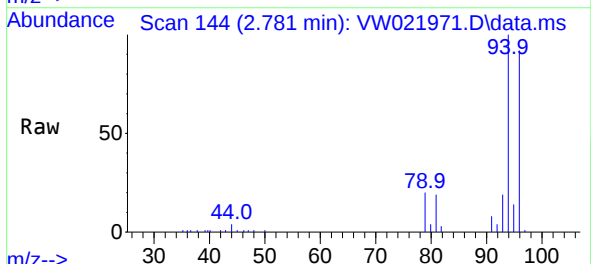
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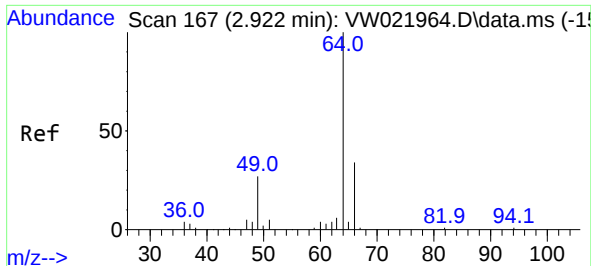
Tgt Ion: 62 Resp: 46340
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.4 45.2



#6
 Bromomethane
 Concen: 14.717 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW021971.D
 Acq: 17 Jan 2022 13:46

Tgt Ion: 94 Resp: 22901
 Ion Ratio Lower Upper
 94 100
 96 92.0 64.8 120.4

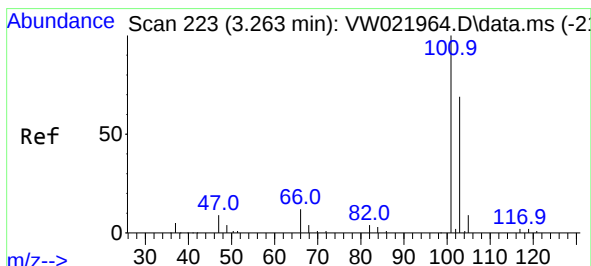
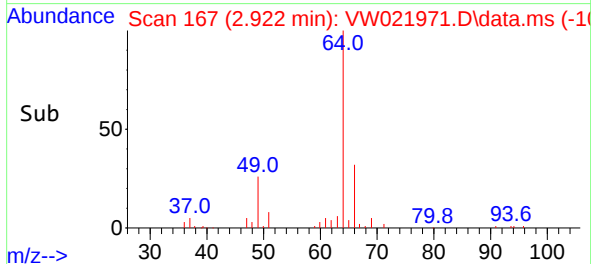
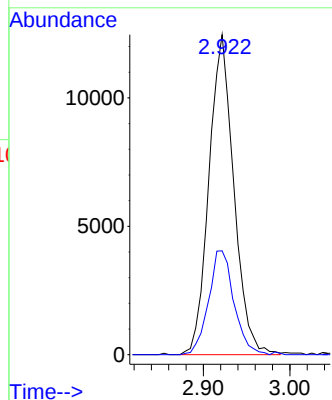
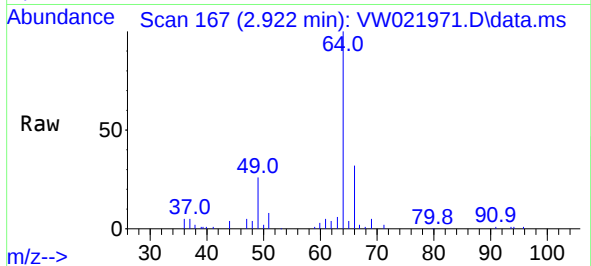




#8
Chloroethane
Concen: 18.678 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

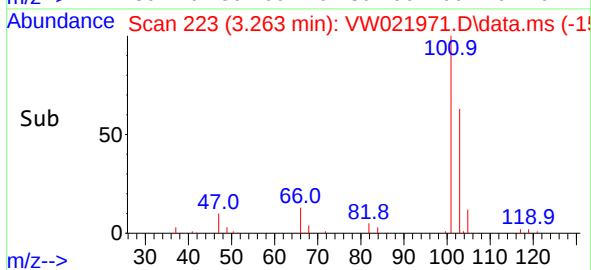
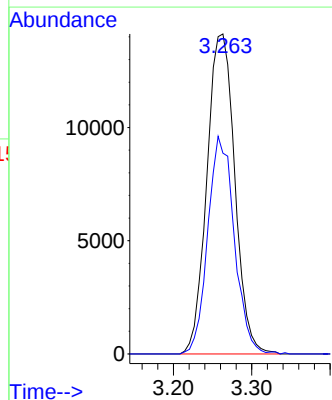
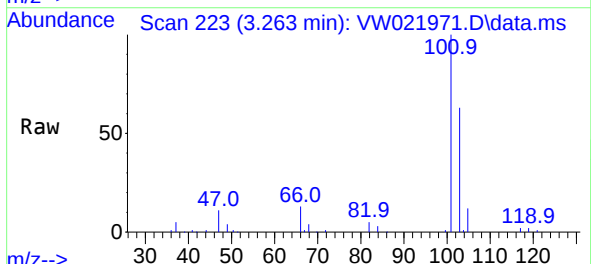
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ClientSampleId :
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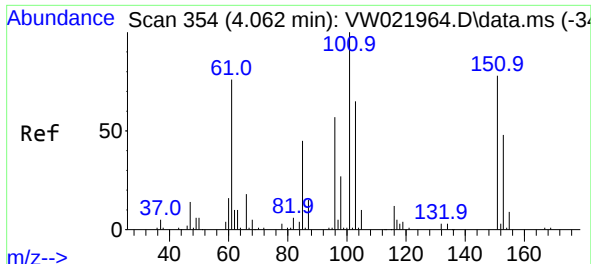
Tgt Ion: 64 Resp: 24842
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.405 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 101 Resp: 35007
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

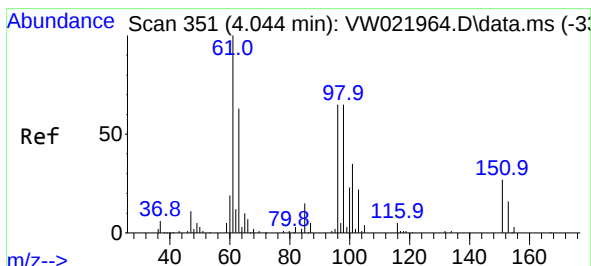
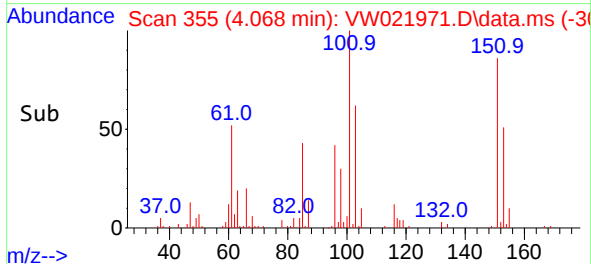
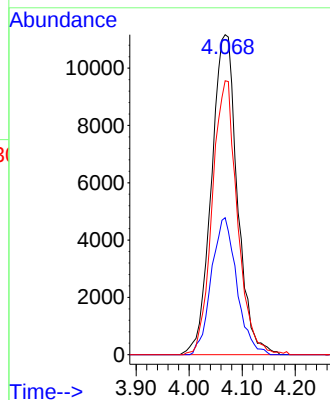
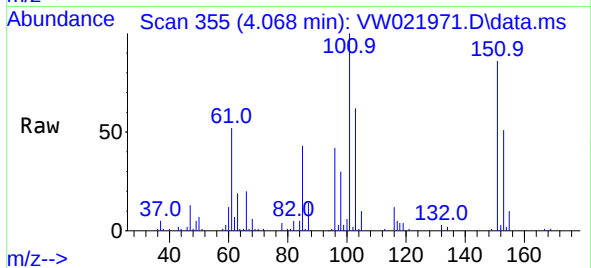




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.343 ug/L
RT: 4.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

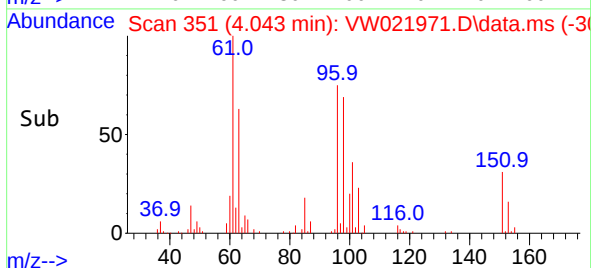
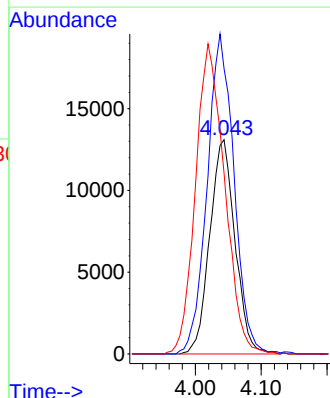
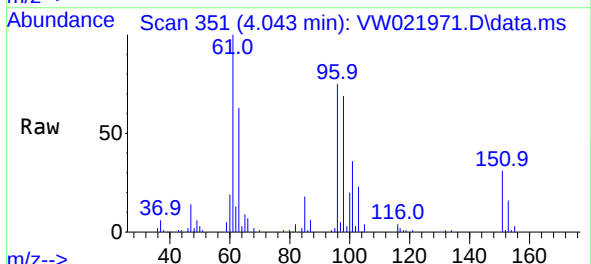
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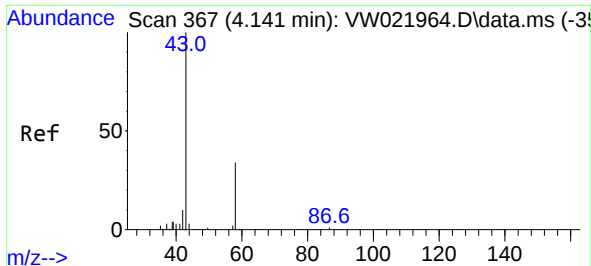
Tgt Ion:101 Resp: 37994
Ion Ratio Lower Upper
101 100
85 41.6 36.6 54.8
151 82.7 57.4 86.0



#12
1,1-Dichloroethene
Concen: 21.909 ug/L
RT: 4.043 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 96 Resp: 35050
Ion Ratio Lower Upper
96 100
61 133.3 138.3 256.9#
63 84.5 82.6 153.4

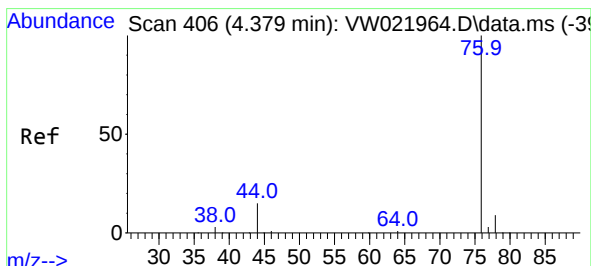
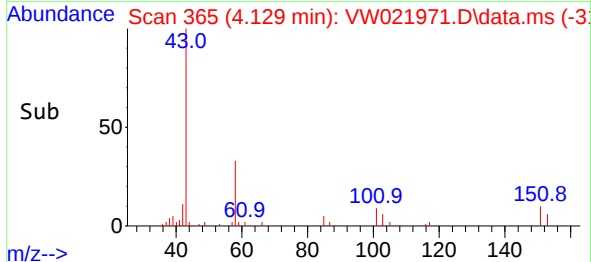
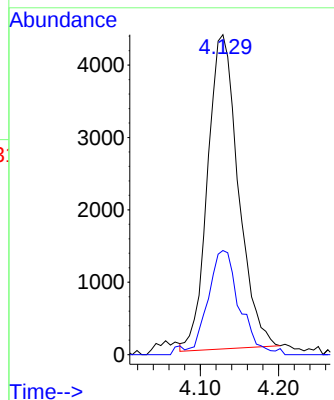
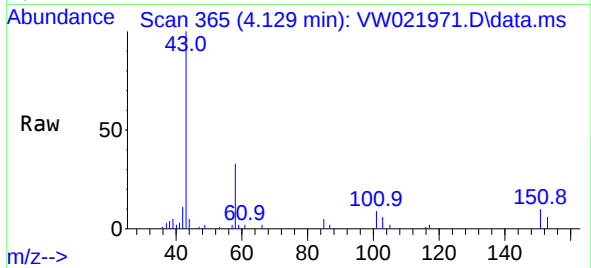




#13
Acetone
Concen: 51.016 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.013 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

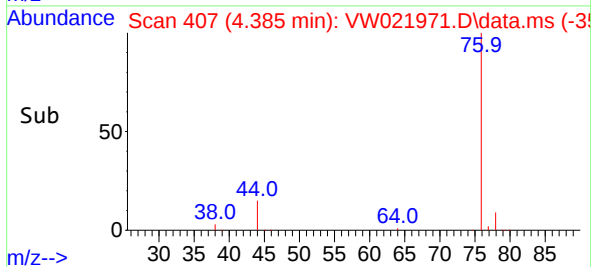
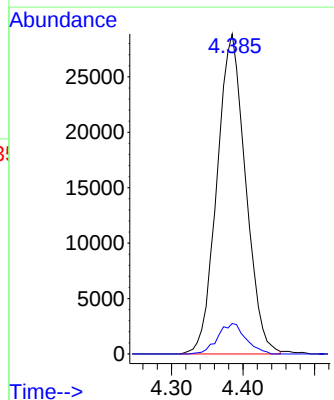
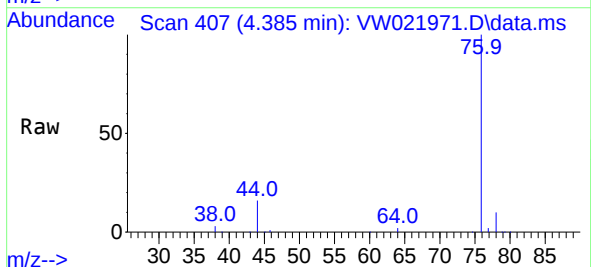
Instrument :
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ClientSampleId :
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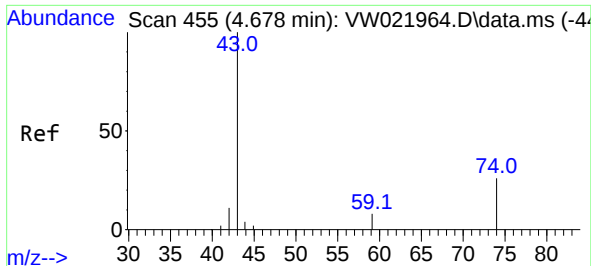
Tgt Ion: 43 Resp: 11851
Ion Ratio Lower Upper
43 100
58 33.7 0.0 52.8



#14
Carbon disulfide
Concen: 19.173 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 76 Resp: 80304
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

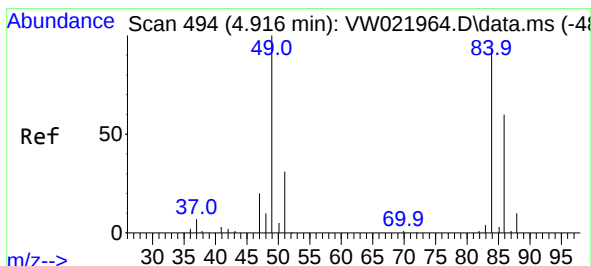
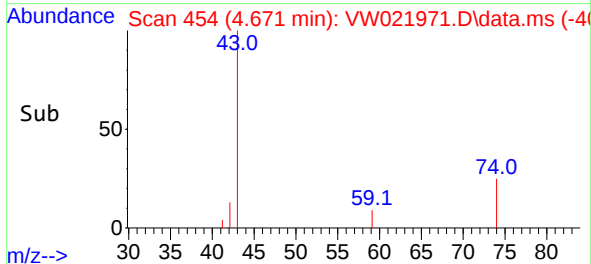
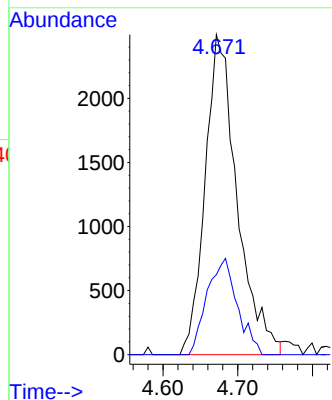
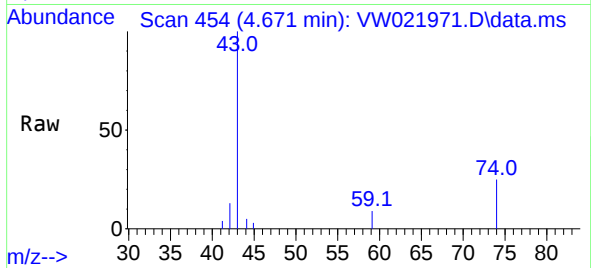




#15
Methyl Acetate
Concen: 15.844 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

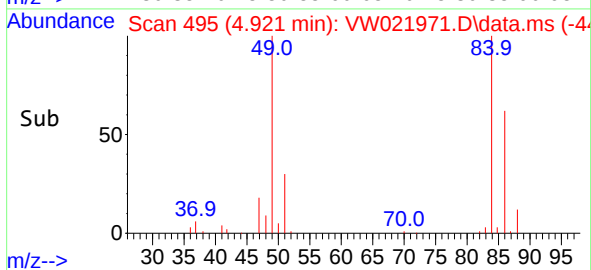
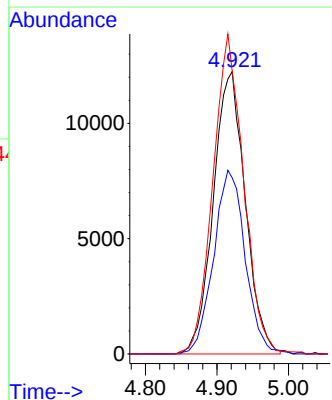
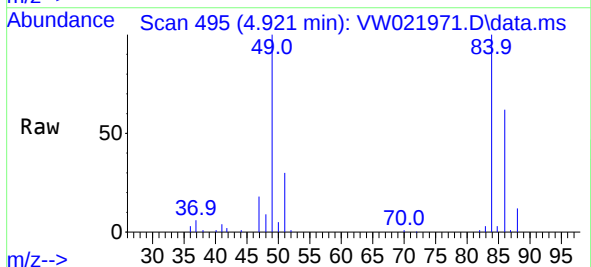
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

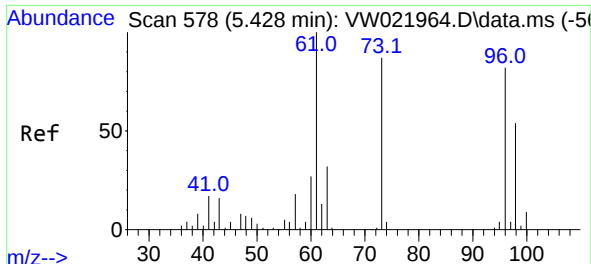
Tgt Ion: 43 Resp: 7439
Ion Ratio Lower Upper
43 100
74 28.5 16.4 24.6#



#16
Methylene chloride
Concen: 20.748 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 84 Resp: 38058
Ion Ratio Lower Upper
84 100
86 62.4 45.5 84.5
49 100.0 100.5 186.7#





#17

trans-1,2-Dichloroethene

Concen: 21.791 ug/L

RT: 5.421 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MSD

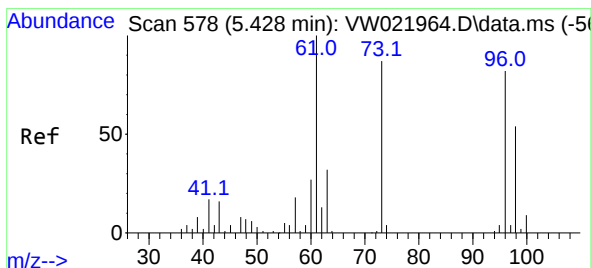
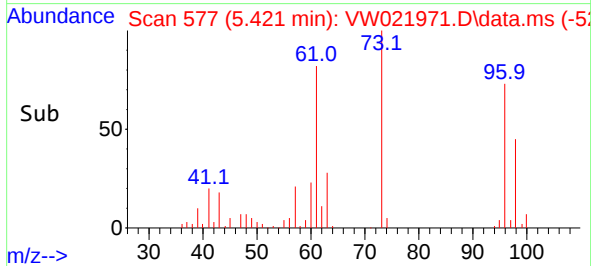
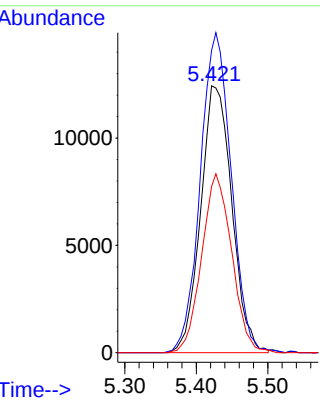
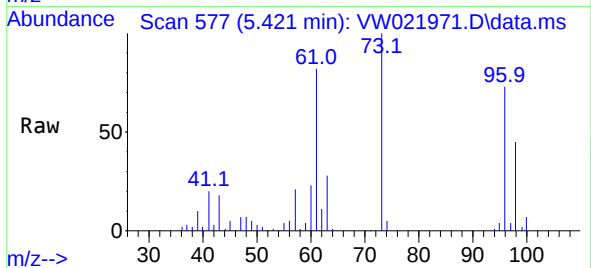
Tgt Ion: 96 Resp: 37669

Ion Ratio Lower Upper

96 100

61 113.2 107.4 199.4

98 62.3 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 28.675 ug/L

RT: 5.433 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

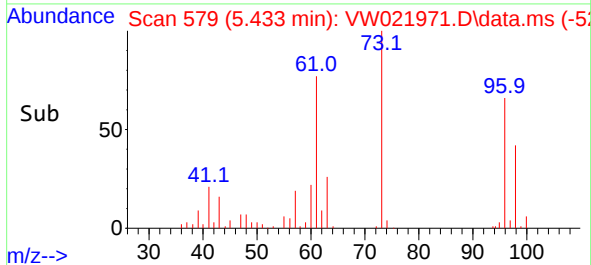
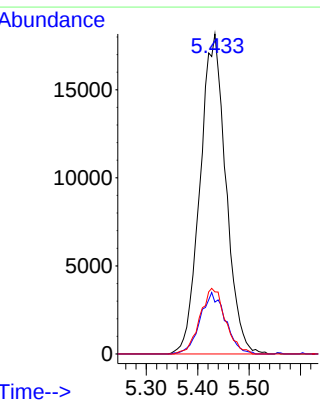
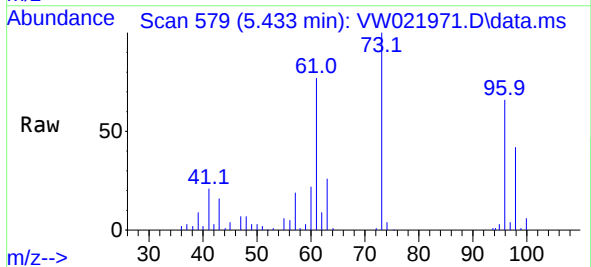
Tgt Ion: 73 Resp: 63212

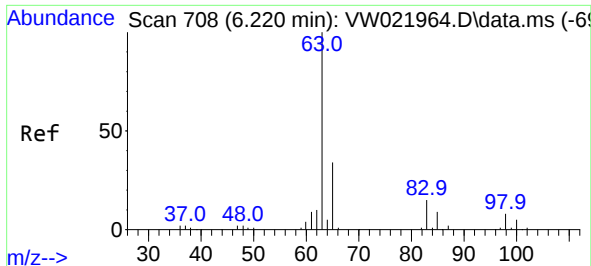
Ion Ratio Lower Upper

73 100

43 11.4 19.5 29.3#

57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.436 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MSD

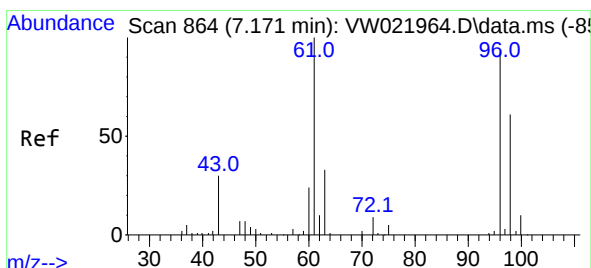
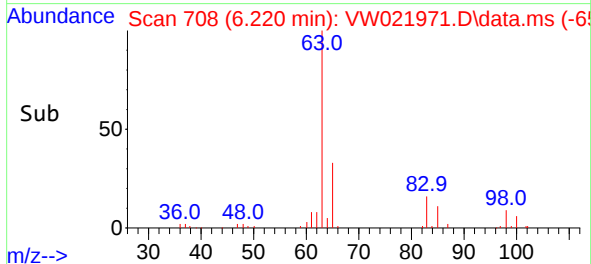
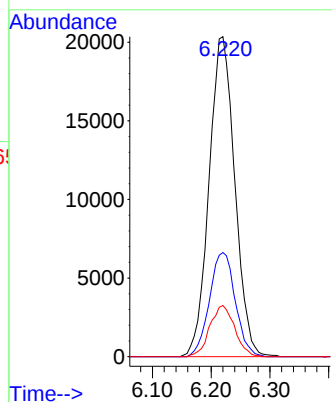
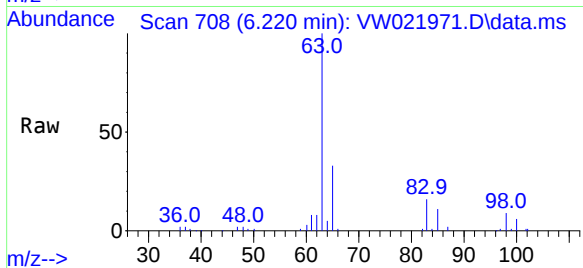
Tgt Ion: 63 Resp: 61949

Ion Ratio Lower Upper

63 100

65 32.6 22.1 41.1

83 16.0 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.443 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

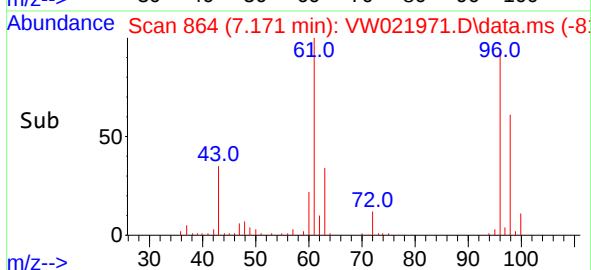
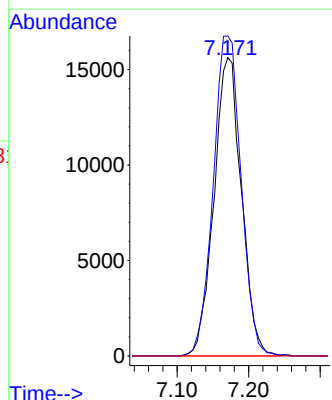
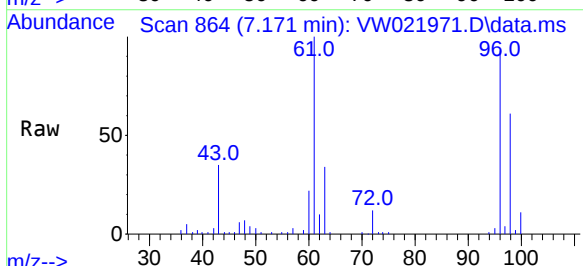
Tgt Ion: 96 Resp: 41690

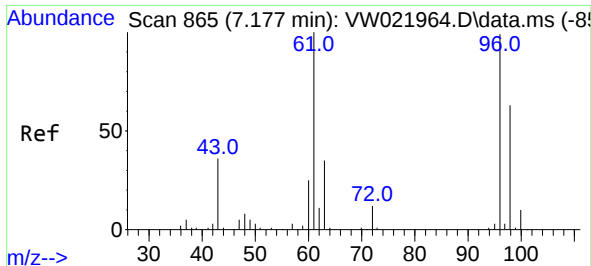
Ion Ratio Lower Upper

96 100

61 107.2 103.7 192.7

68 0.0 0.0 0.0

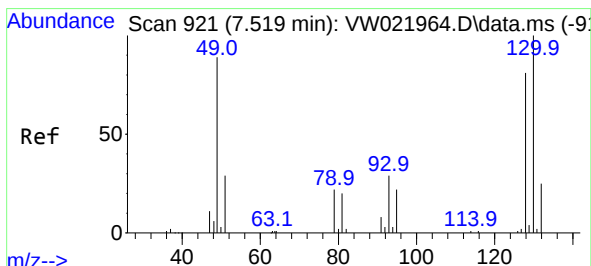
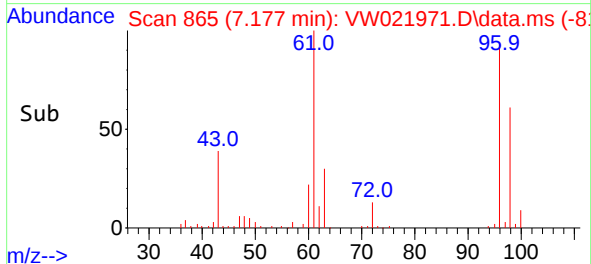
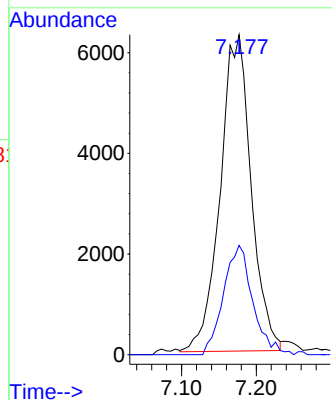
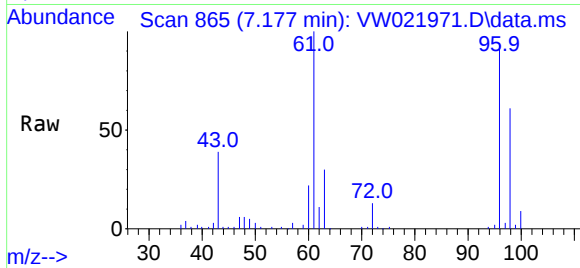




#22
2-Butanone
Concen: 61.064 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

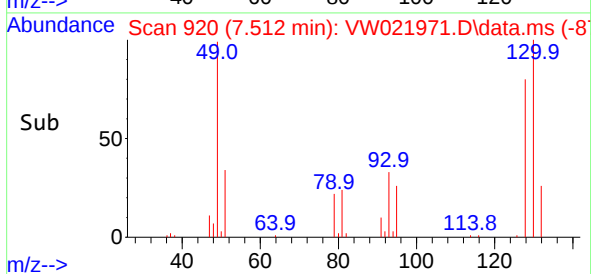
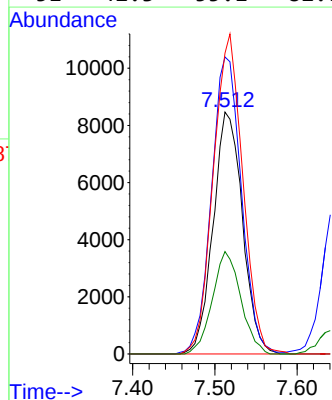
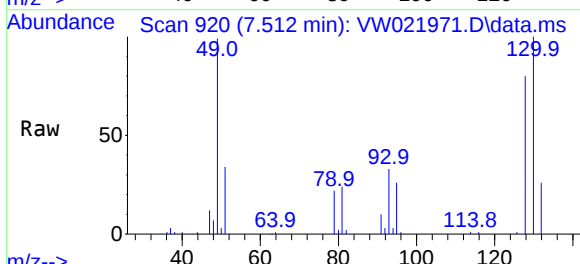
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

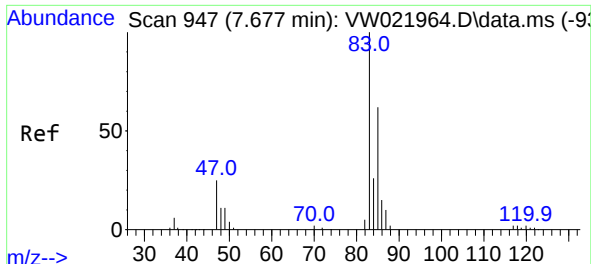
Tgt Ion: 43 Resp: 18132
Ion Ratio Lower Upper
43 100
72 32.4 11.8 35.4



#23
Bromochloromethane
Concen: 23.691 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 128 Resp: 20963
Ion Ratio Lower Upper
128 100
49 122.8 150.3 279.1#
130 124.4 88.3 163.9
51 42.3 55.1 82.7#





#25

Chloroform

Concen: 23.864 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

Instrument :

MSVOA_W

ClientSampleId :

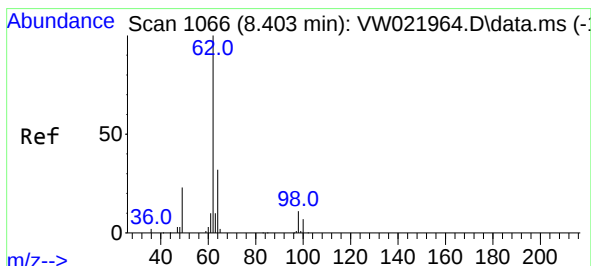
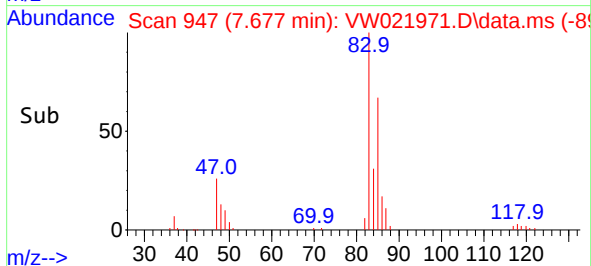
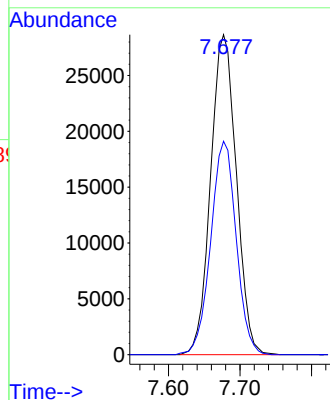
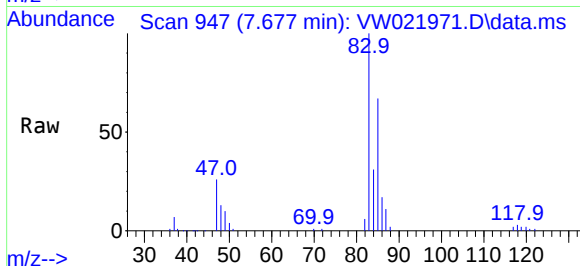
DBLZ8MSD

Tgt Ion: 83 Resp: 71584

Ion Ratio Lower Upper

83 100

85 66.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 25.309 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021971.D

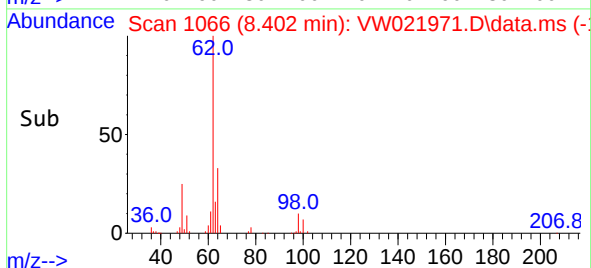
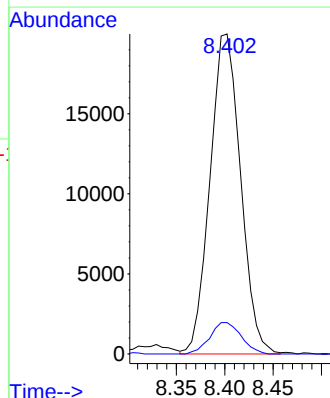
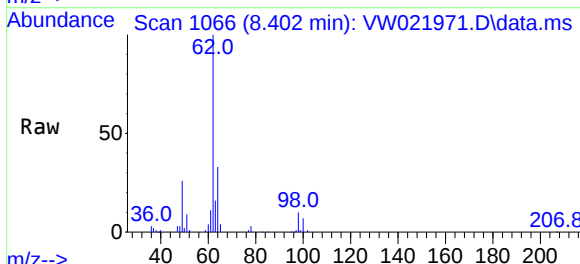
Acq: 17 Jan 2022 13:46

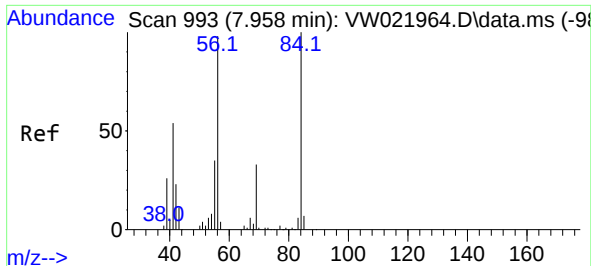
Tgt Ion: 62 Resp: 43962

Ion Ratio Lower Upper

62 100

98 9.8 6.5 9.7#





#29

Cyclohexane

Concen: 25.010 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MSD

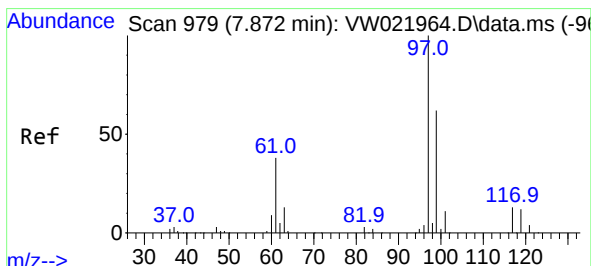
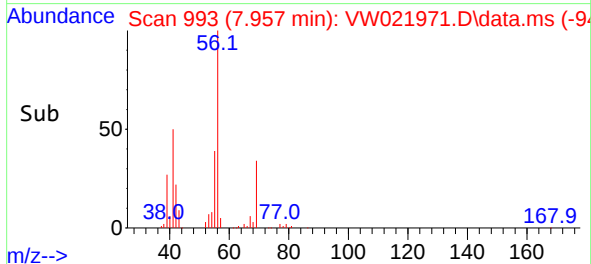
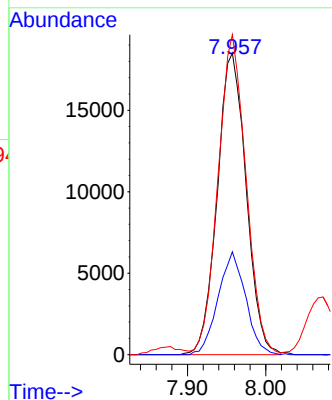
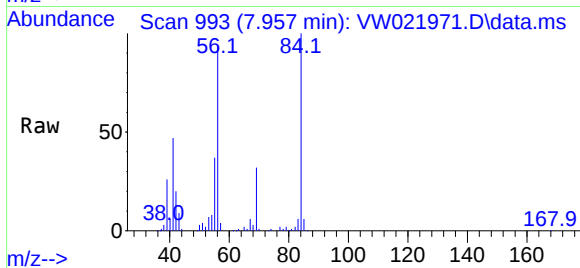
Tgt Ion: 56 Resp: 47397

Ion Ratio Lower Upper

56 100

69 32.5 23.5 35.3

84 103.2 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 28.332 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

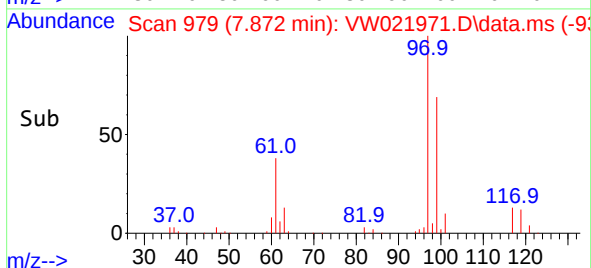
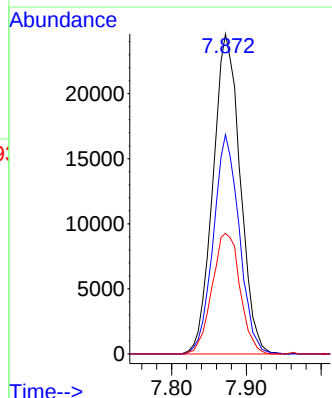
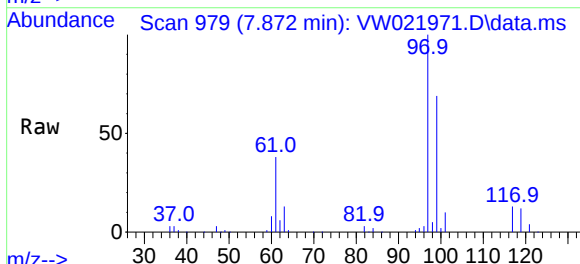
Tgt Ion: 97 Resp: 62211

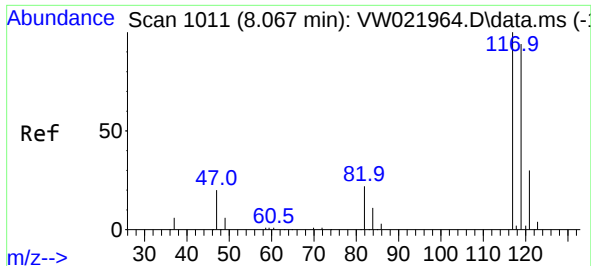
Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 38.8 40.9 61.3#

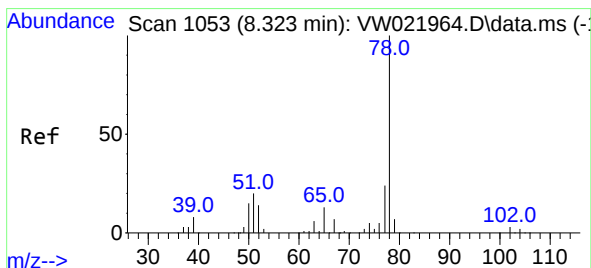
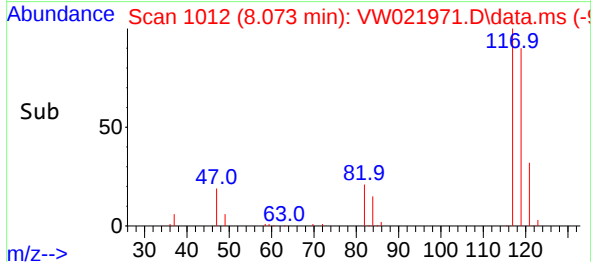
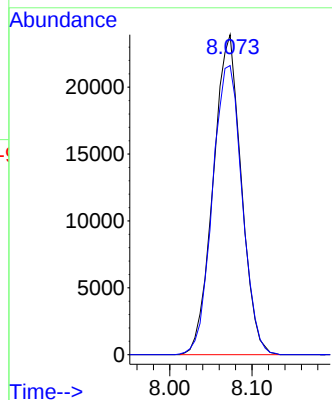
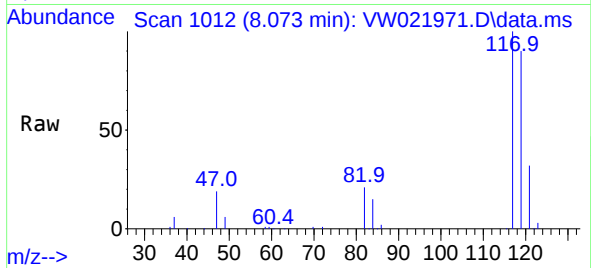




#31
Carbon tetrachloride
Concen: 26.642 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

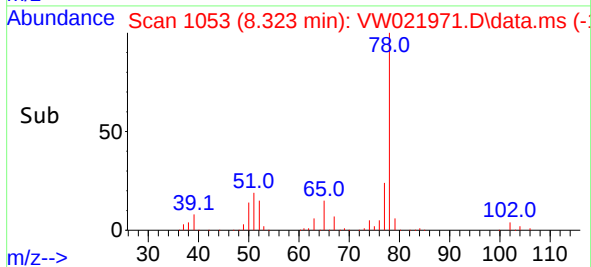
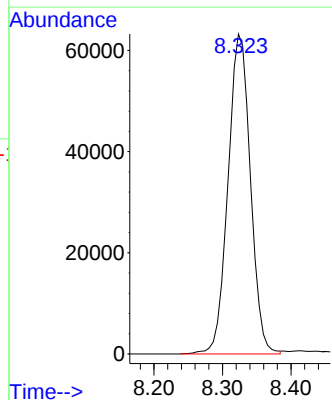
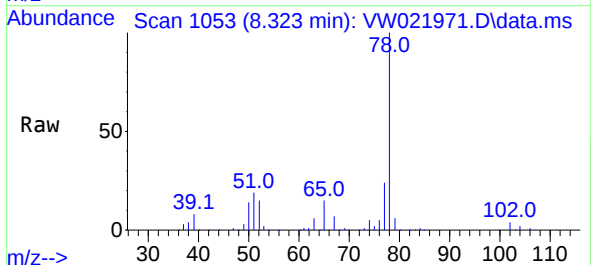
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

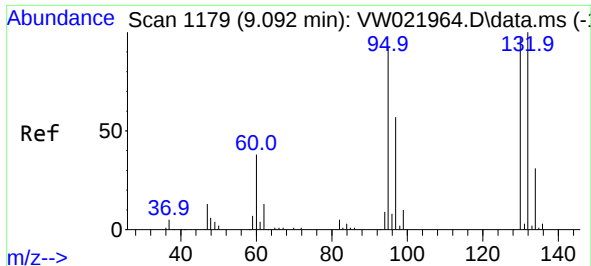
Tgt Ion:117 Resp: 56689
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 27.679 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 78 Resp: 143780

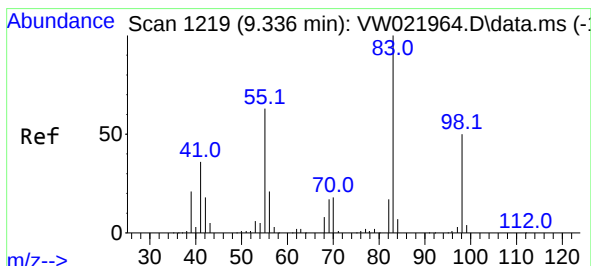
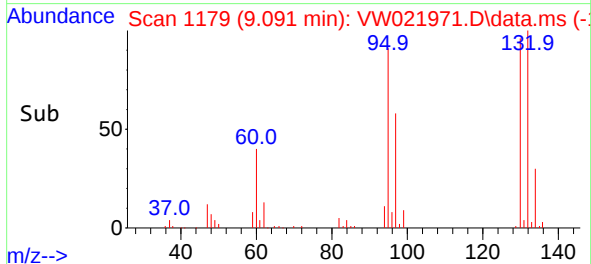
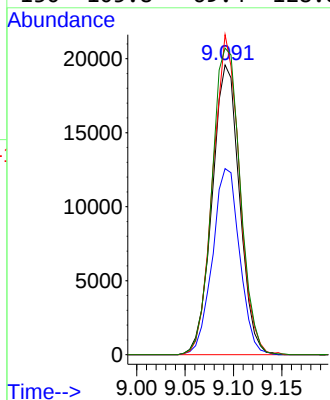
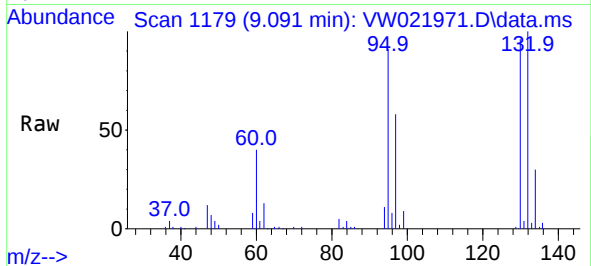




#34
Trichloroethene
Concen: 25.500 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

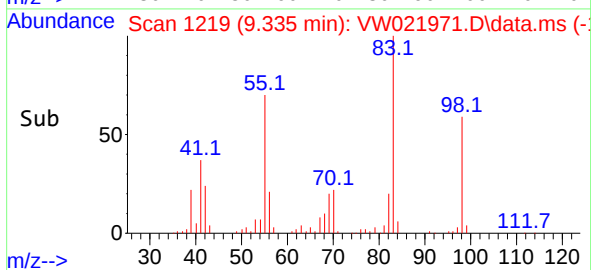
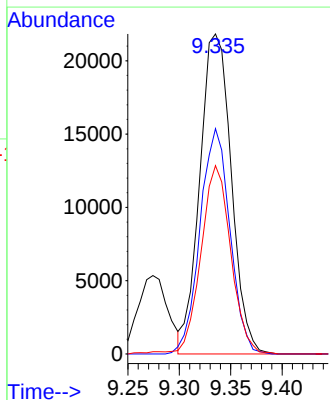
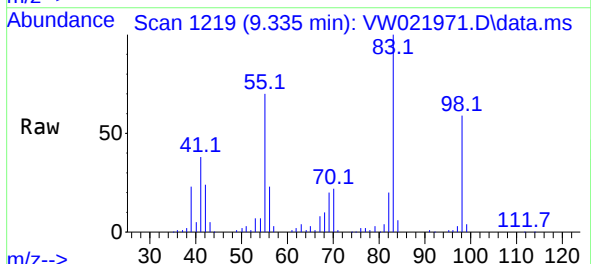
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

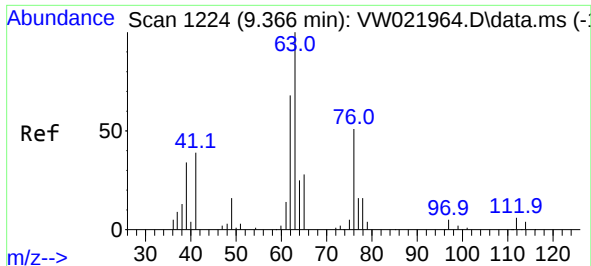
Tgt Ion: 95 Resp: 38430
Ion Ratio Lower Upper
95 100
97 64.2 47.0 87.2
132 110.4 65.5 121.6
130 105.8 69.4 128.8



#35
Methylcyclohexane
Concen: 18.807 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 83 Resp: 46608
Ion Ratio Lower Upper
83 100
55 66.7 70.8 106.2#
98 54.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 29.221 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

Instrument :

MSVOA_W

ClientSampleId :

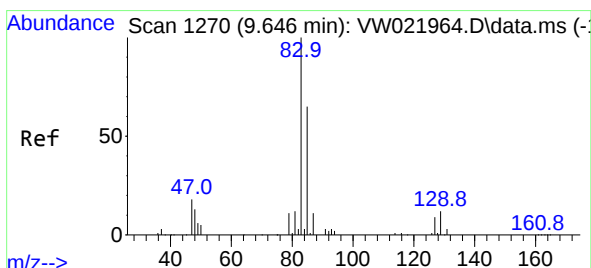
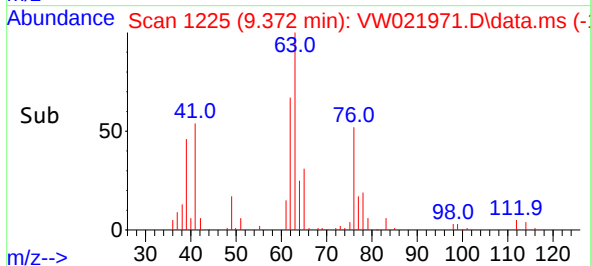
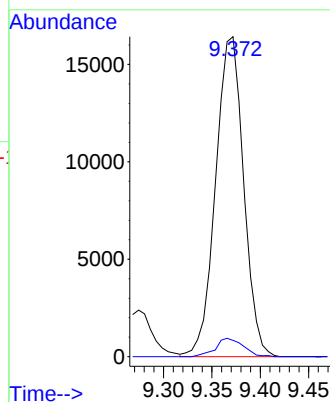
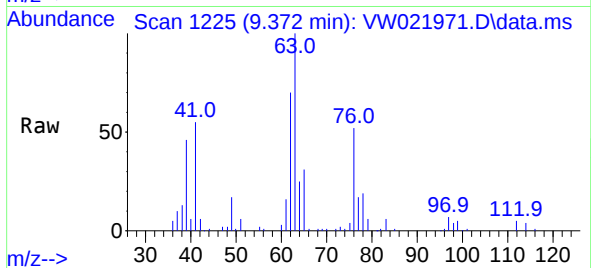
DBLZ8MSD

Tgt Ion: 63 Resp: 33067

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 29.218 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

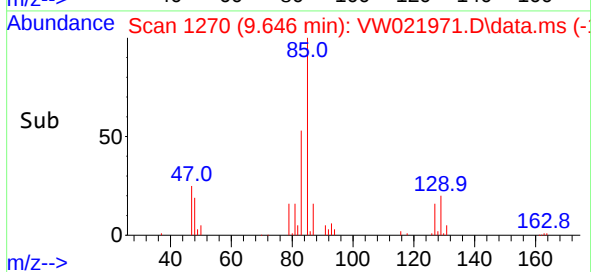
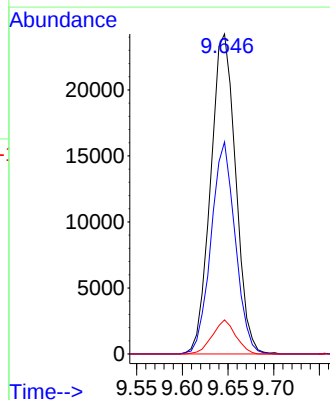
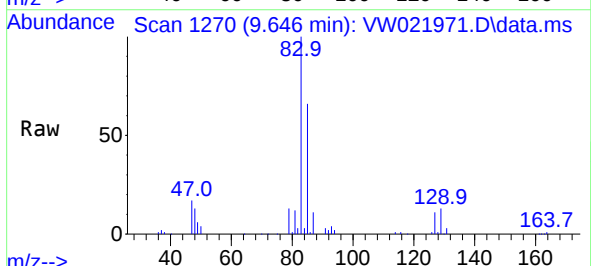
Tgt Ion: 83 Resp: 46156

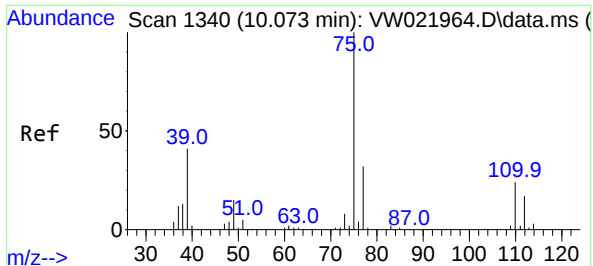
Ion Ratio Lower Upper

83 100

85 66.3 44.1 81.9

127 10.7 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 23.506 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

Instrument :

MSVOA_W

ClientSampleId :

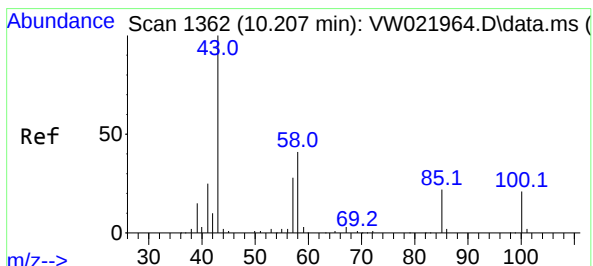
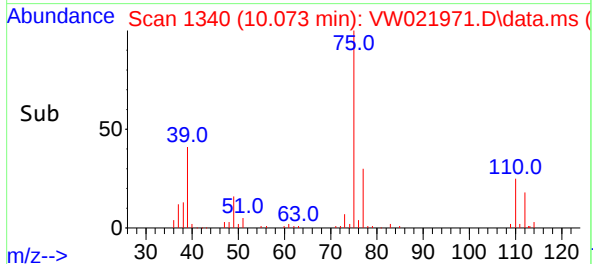
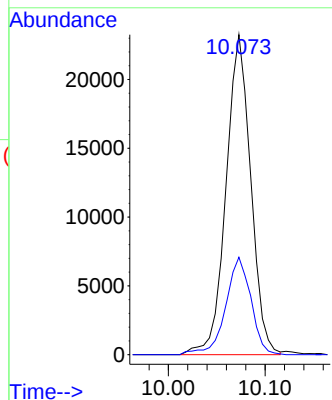
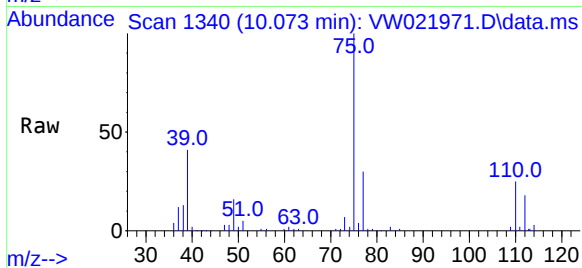
DBLZ8MSD

Tgt Ion: 75 Resp: 41332

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 66.388 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

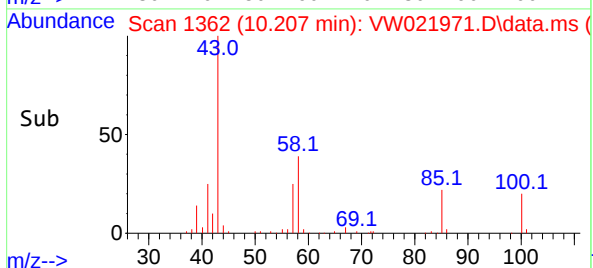
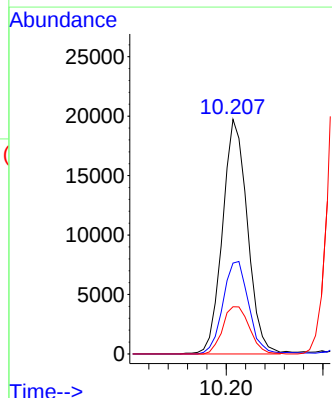
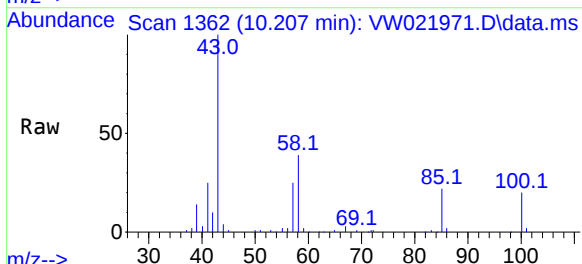
Tgt Ion: 43 Resp: 35291

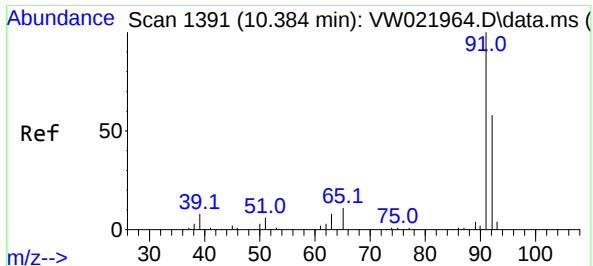
Ion Ratio Lower Upper

43 100

58 40.5 28.8 43.2

100 21.6 10.0 15.0#

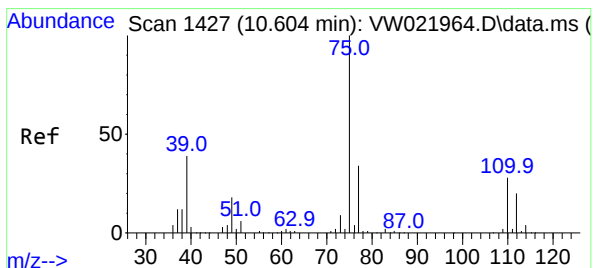
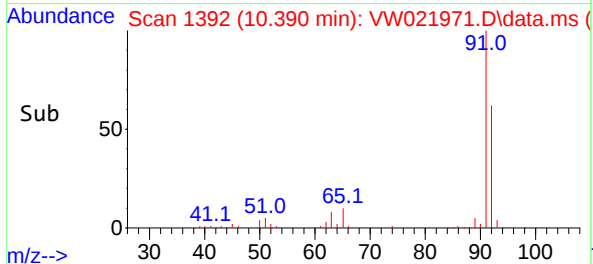
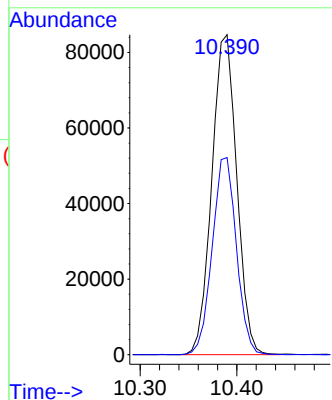
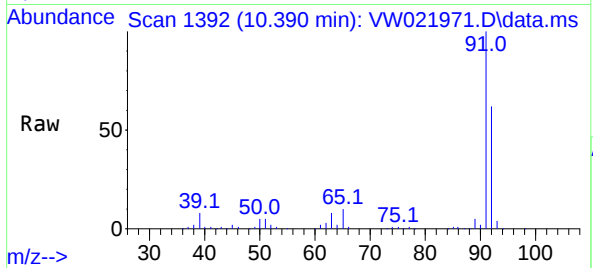




#42
Toluene
Concen: 26.044 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

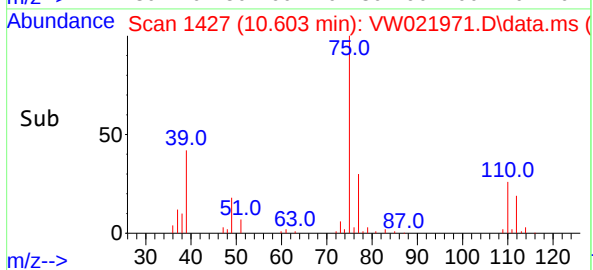
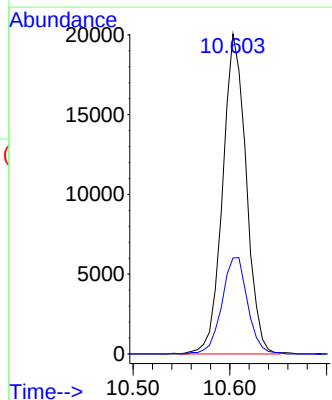
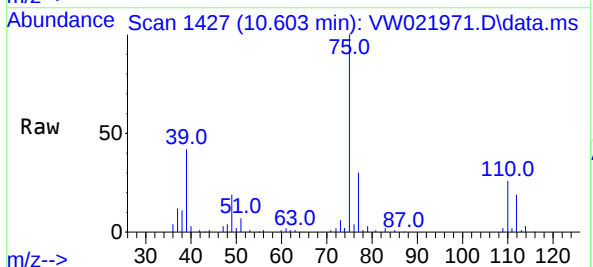
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

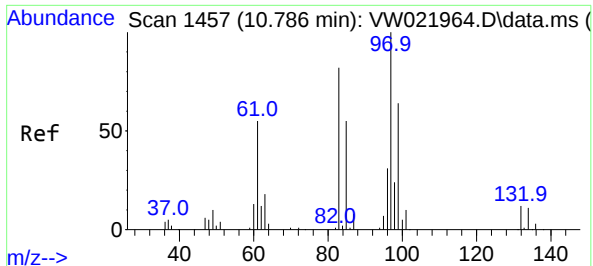
Tgt Ion: 91 Resp: 151728
Ion Ratio Lower Upper
91 100
92 61.6 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 22.987 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 75 Resp: 33830
Ion Ratio Lower Upper
75 100
77 30.0 22.2 41.2



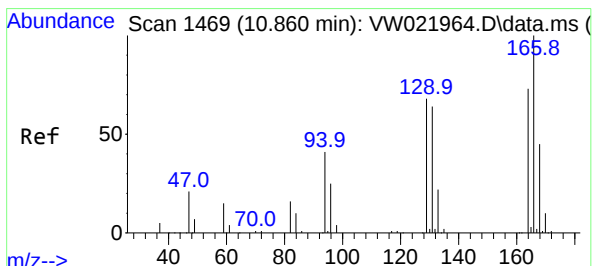
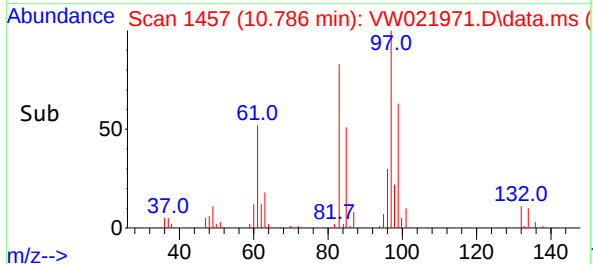
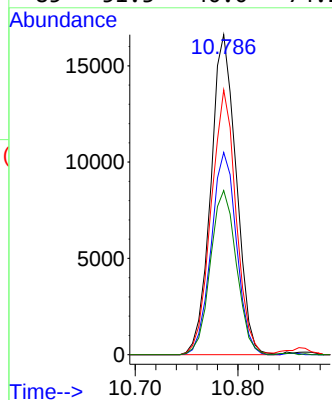
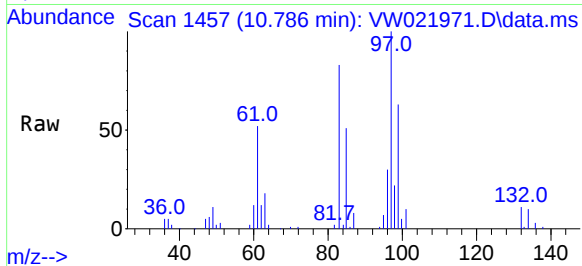


#45
1,1,2-Trichloroethane
Concen: 29.677 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

Tgt Ion: 97 Resp: 28513

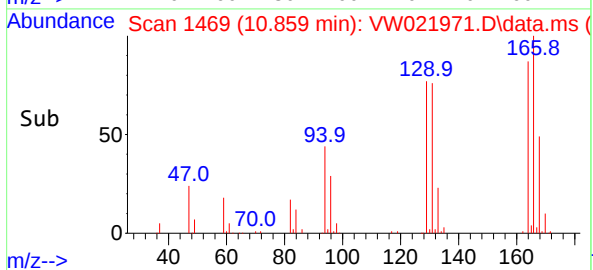
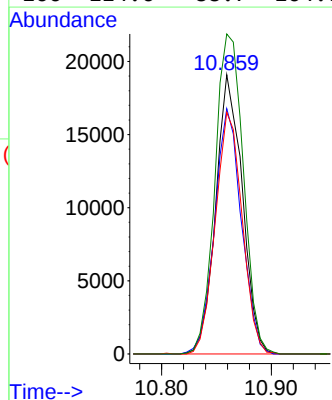
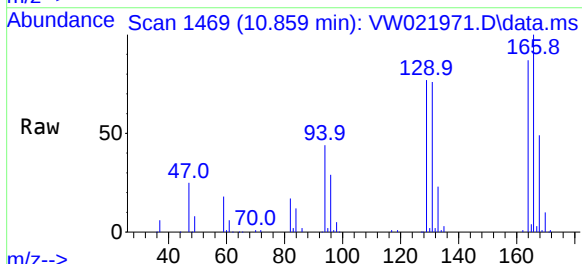
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.0	79.8
83	82.8	62.6	116.3
85	51.3	40.0	74.2

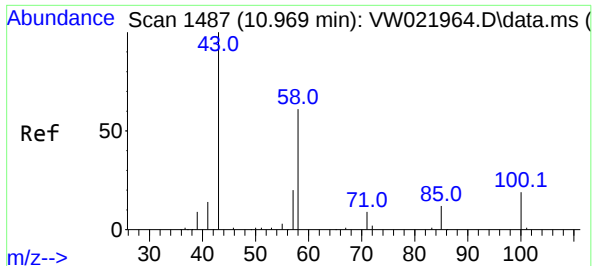


#46
Tetrachloroethene
Concen: 21.540 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 164 Resp: 32100

Ion	Ratio	Lower	Upper
164	100		
129	87.9	65.5	121.7
131	86.5	59.7	110.9
166	114.6	88.7	164.7

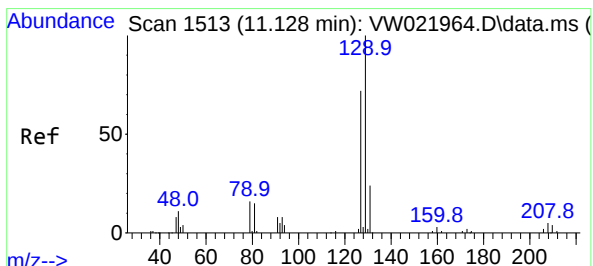
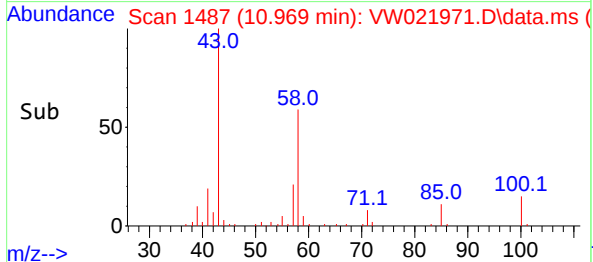
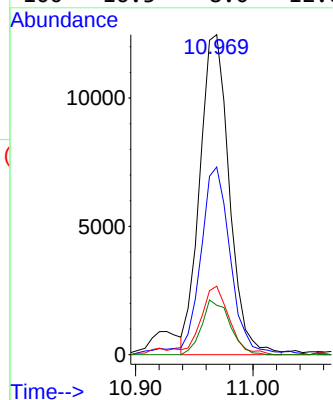
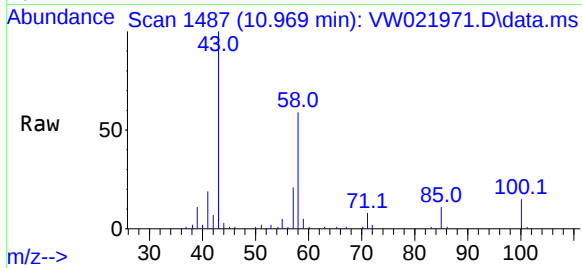




#48
2-Hexanone
Concen: 59.978 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

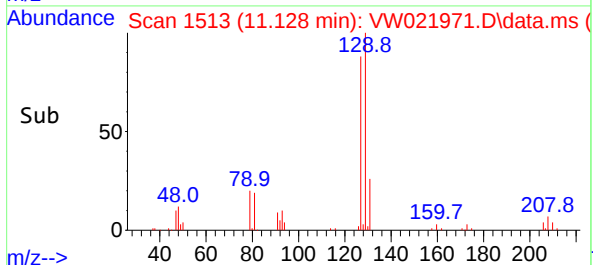
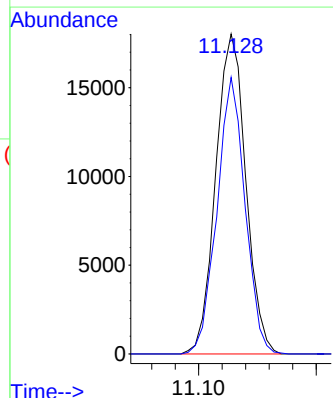
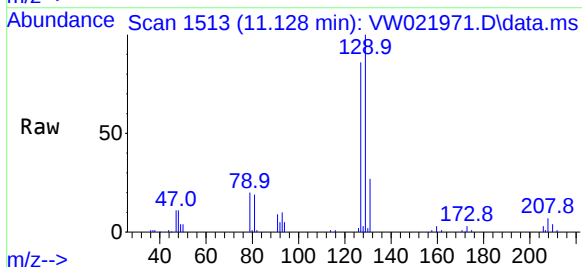
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

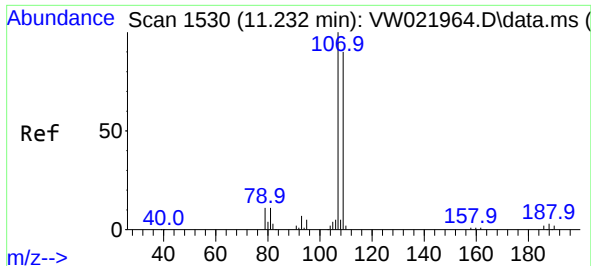
Tgt Ion:	43	Resp:	21815
Ion	Ratio	Lower	Upper
43	100		
58	56.1	40.2	60.2
57	18.4	14.3	21.5
100	16.3	8.0	12.0



#49
Dibromochloromethane
Concen: 26.467 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion:	129	Resp:	32041
Ion	Ratio	Lower	Upper
129	100		
127	86.4	55.7	103.5





#50

1,2-Dibromoethane

Concen: 26.742 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

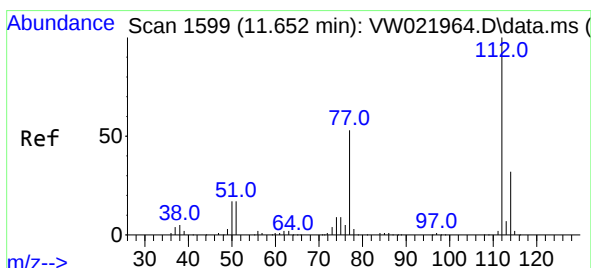
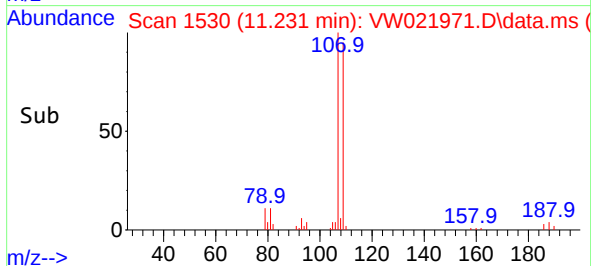
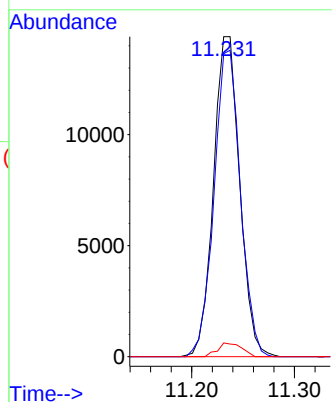
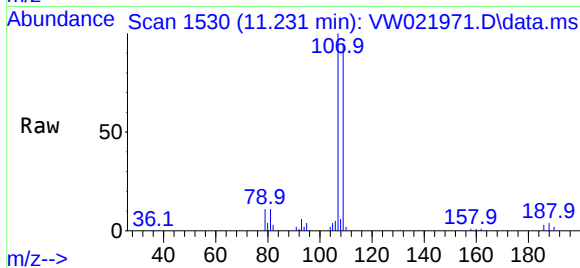
Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MSD

Tgt Ion:	107	Resp:	25504
Ion	Ratio	Lower	Upper
107	100		
109	94.7	64.1	119.1
188	4.3	2.6	3.8#



#51

Chlorobenzene

Concen: 21.154 ug/L

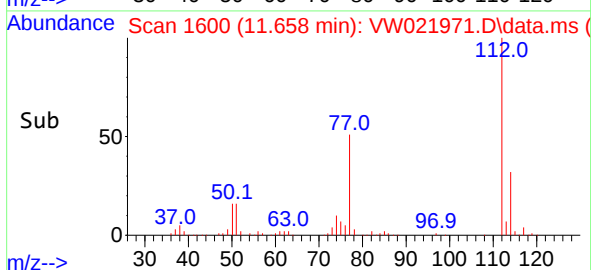
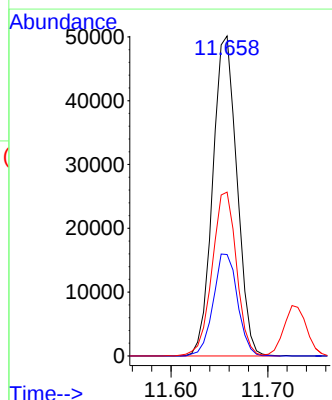
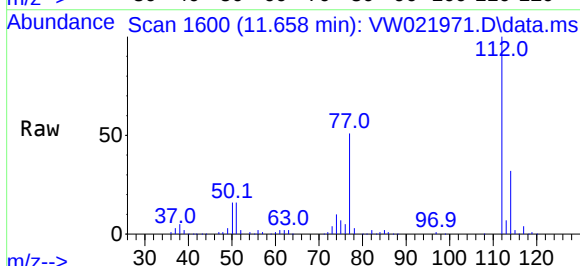
RT: 11.658 min Scan# 1600

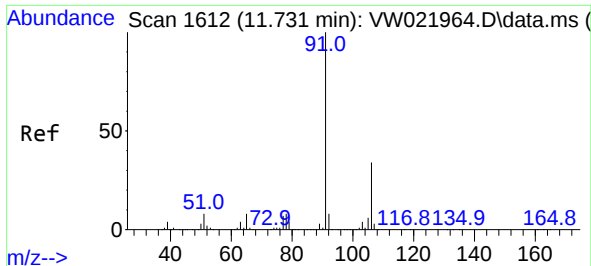
Delta R.T. 0.006 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

Tgt Ion:	112	Resp:	87015
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.4	41.6
77	51.2	50.2	75.4

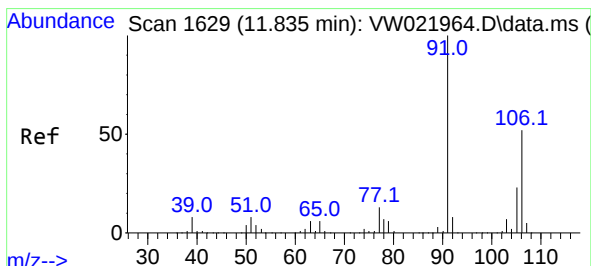
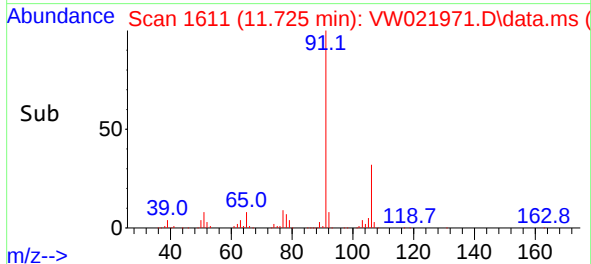
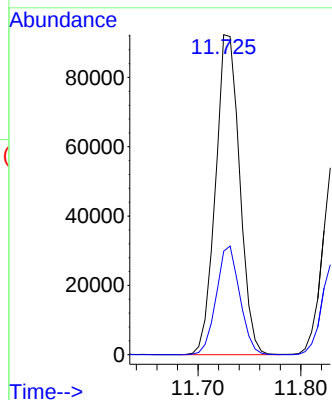
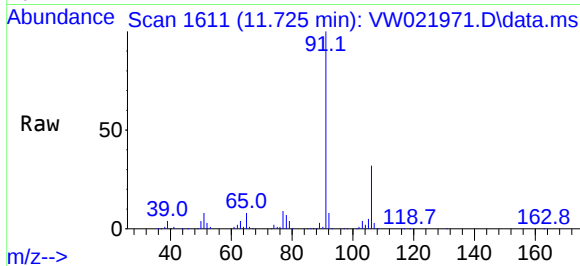




#52
Ethylbenzene
Concen: 23.237 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

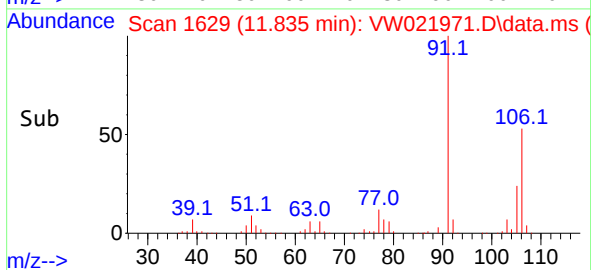
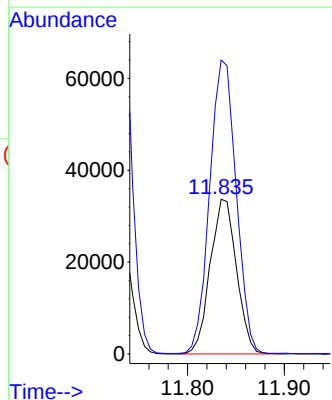
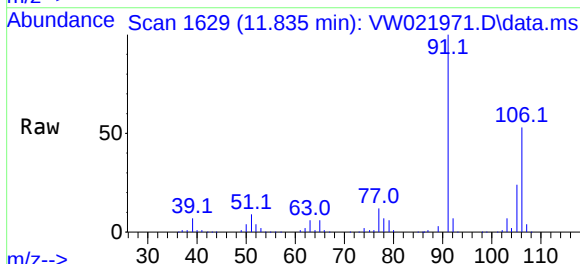
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

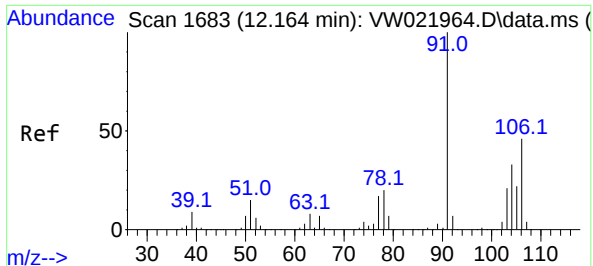
Tgt Ion: 91 Resp: 150390
Ion Ratio Lower Upper
91 100
106 32.4 21.5 39.9



#53
m,p-Xylene
Concen: 23.528 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion:106 Resp: 63672
Ion Ratio Lower Upper
106 100
91 189.9 149.9 278.3

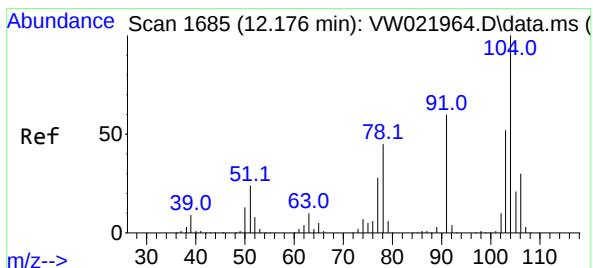
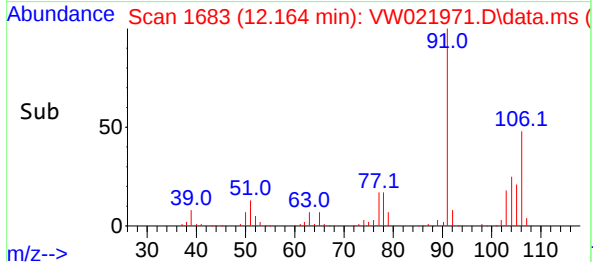
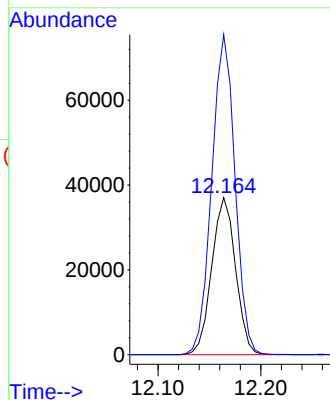
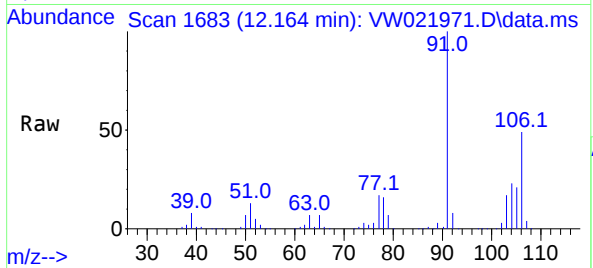




#54
o-Xylene
Concen: 23.694 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

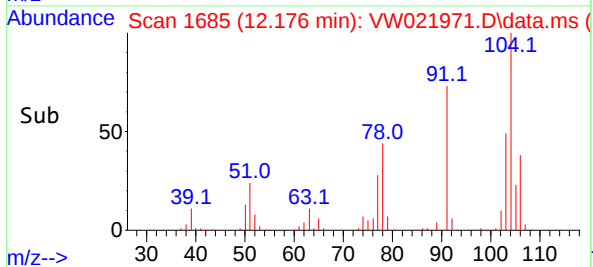
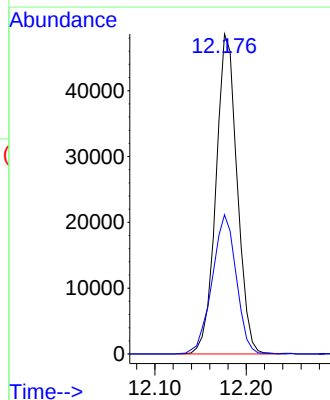
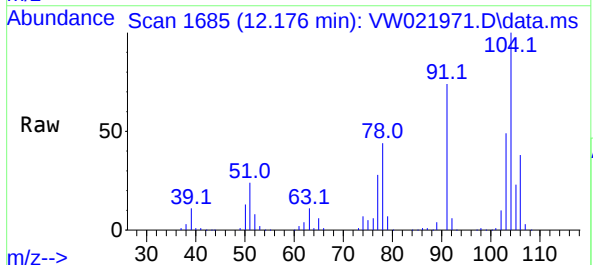
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

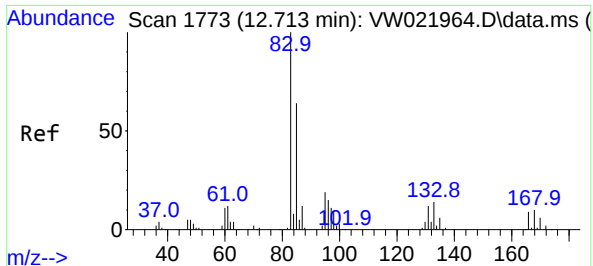
Tgt Ion:106 Resp: 59530
Ion Ratio Lower Upper
106 100
91 203.7 153.6 285.3



#55
Styrene
Concen: 18.909 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion:104 Resp: 78430
Ion Ratio Lower Upper
104 100
78 43.5 34.4 64.0

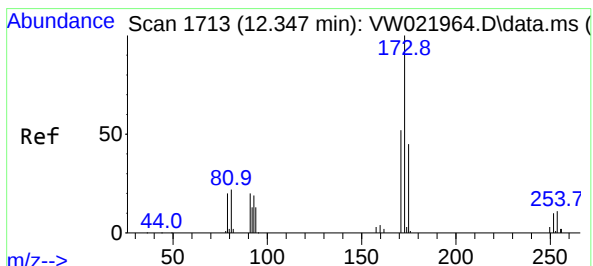
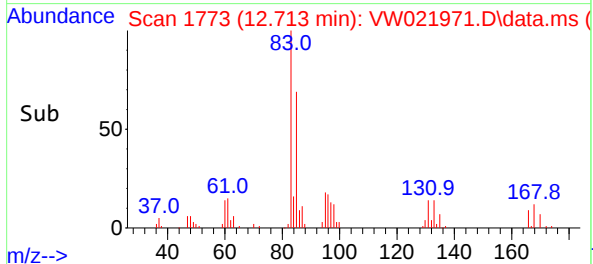
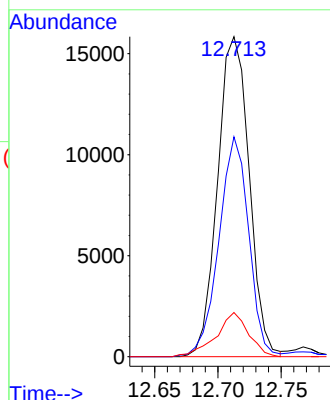
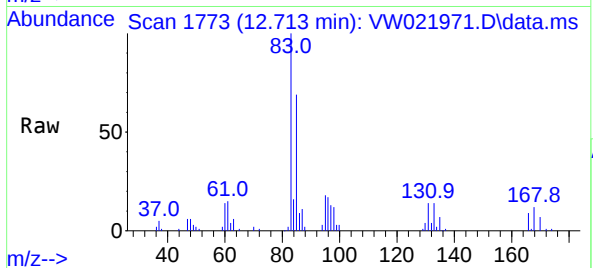




#57
1,1,2-Tetrachloroethane
Concen: 26.594 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

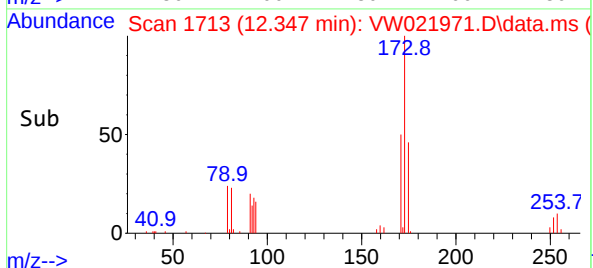
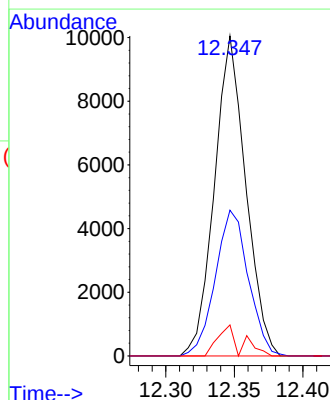
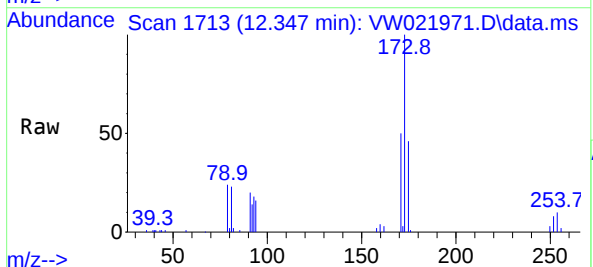
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

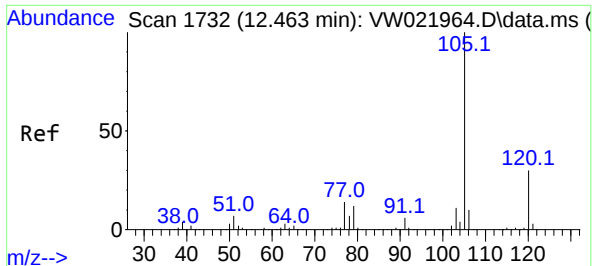
Tgt Ion: 83 Resp: 27491
Ion Ratio Lower Upper
83 100
85 68.7 44.0 81.6
131 13.8 6.9 10.3#



#59
Bromoform
Concen: 39.557 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion:173 Resp: 15974
Ion Ratio Lower Upper
173 100
175 48.0 39.6 59.4
254 4.8 7.4 11.0#

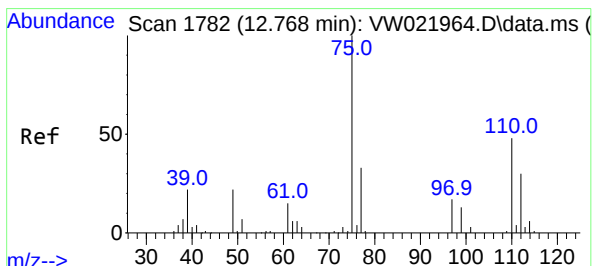
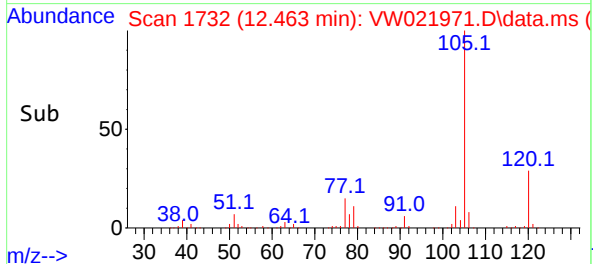
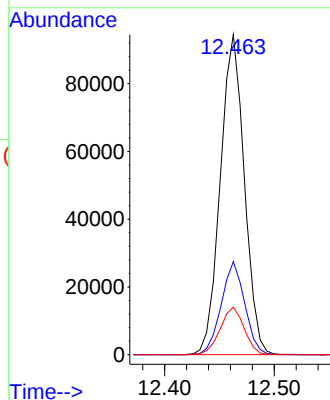
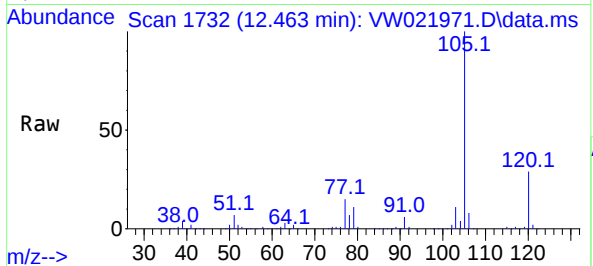




#60
Isopropylbenzene
Concen: 35.651 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

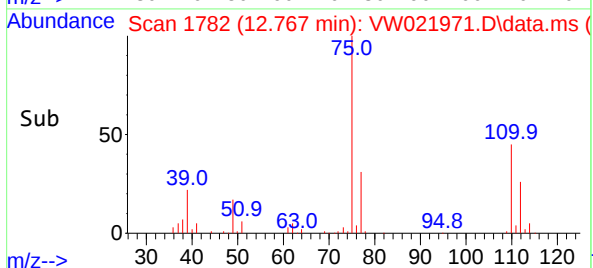
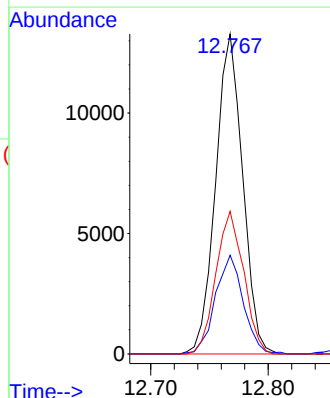
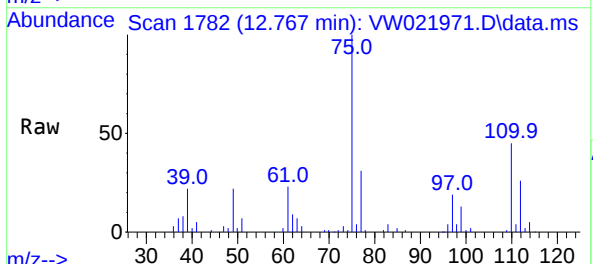
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

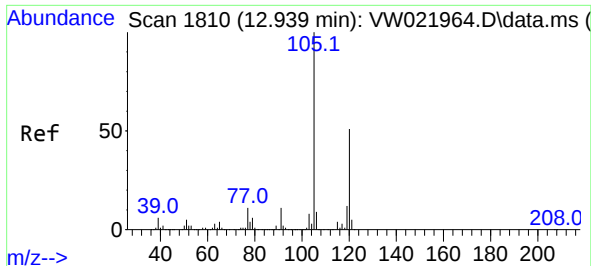
Tgt Ion:105 Resp: 143793
Ion Ratio Lower Upper
105 100
120 28.4 20.1 30.1
77 14.9 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 50.146 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 75 Resp: 21226
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8
110 45.9 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 32.961 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021971.D

Acq: 17 Jan 2022 13:46

Instrument :

MSVOA_W

ClientSampleId :

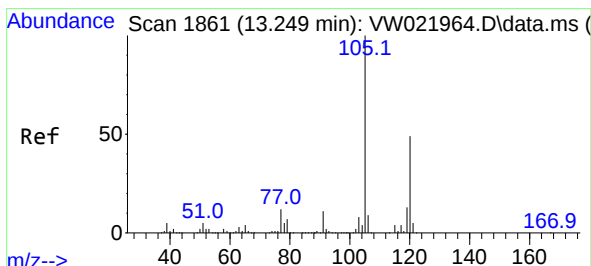
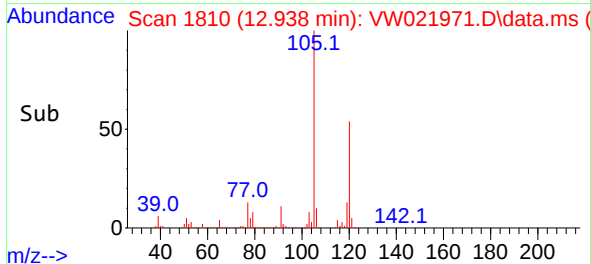
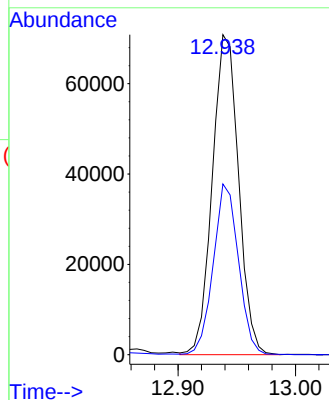
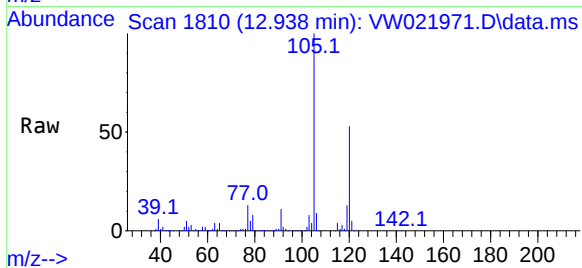
DBLZ8MSD

Tgt Ion:105 Resp: 110089

Ion Ratio Lower Upper

105 100

120 50.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 31.679 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021971.D

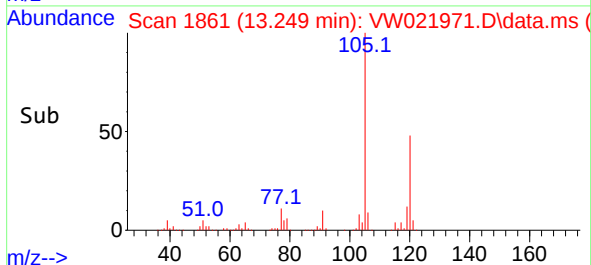
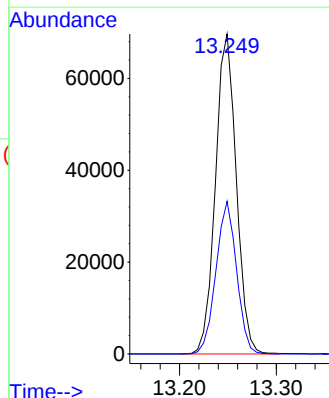
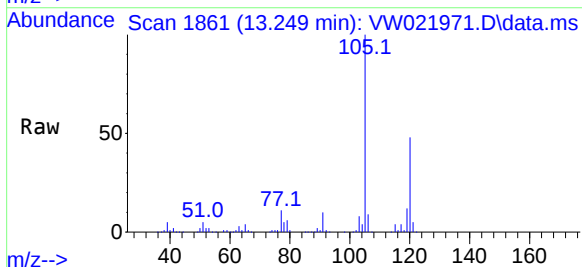
Acq: 17 Jan 2022 13:46

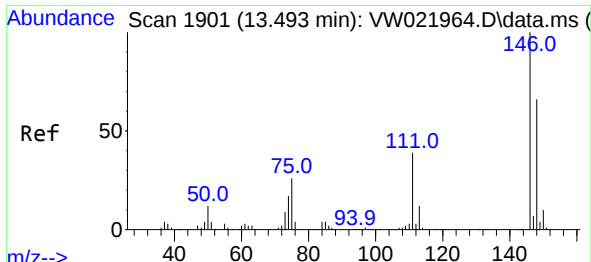
Tgt Ion:105 Resp: 104352

Ion Ratio Lower Upper

105 100

120 47.1 35.0 52.6

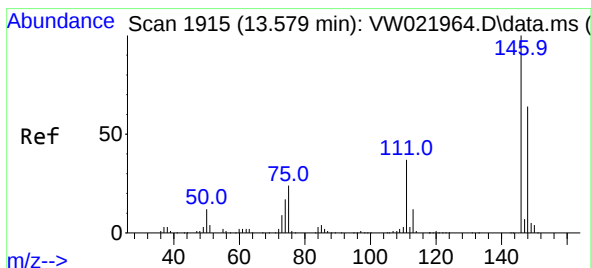
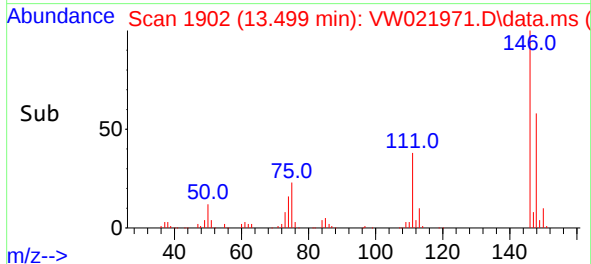
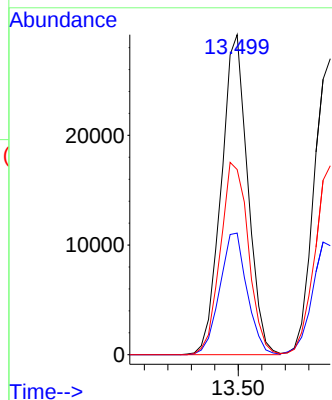
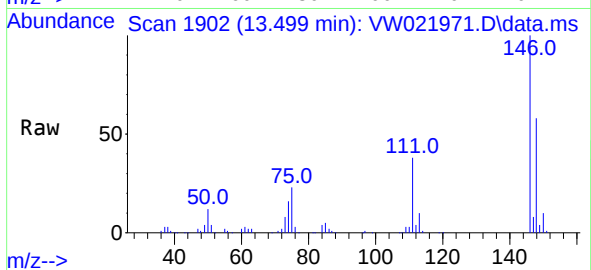




#64
1,3-Dichlorobenzene
Concen: 22.537 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

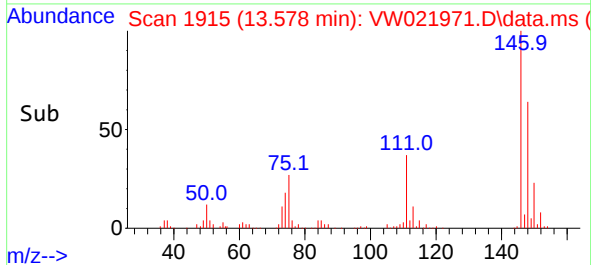
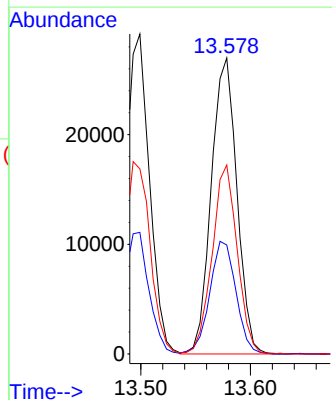
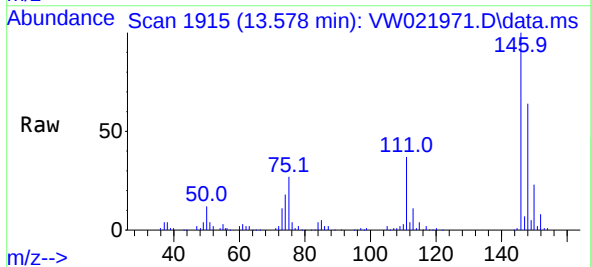
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

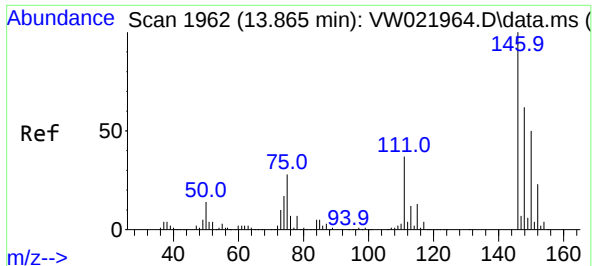
Tgt Ion:146 Resp: 45703
Ion Ratio Lower Upper
146 100
111 38.0 29.8 55.3
148 57.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.893 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion:146 Resp: 43836
Ion Ratio Lower Upper
146 100
111 36.8 29.0 53.9
148 63.9 46.9 87.1

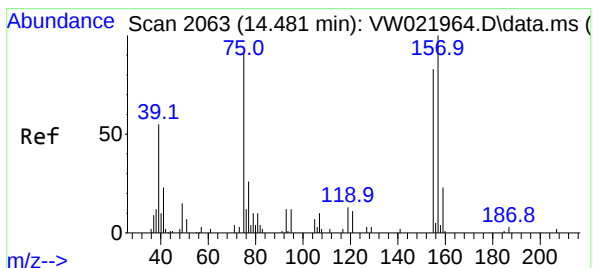
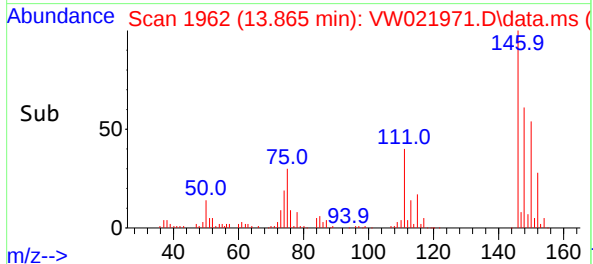
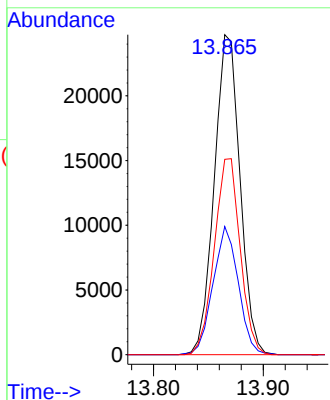
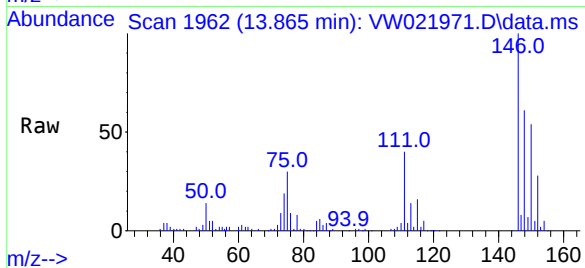




#67
1,2-Dichlorobenzene
Concen: 22.746 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

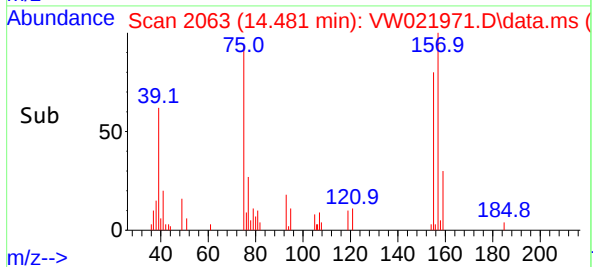
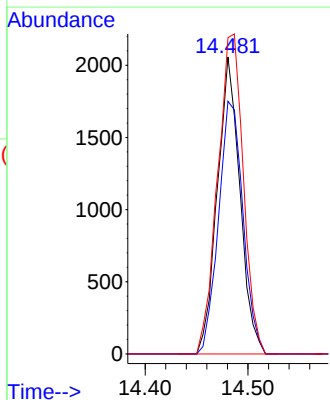
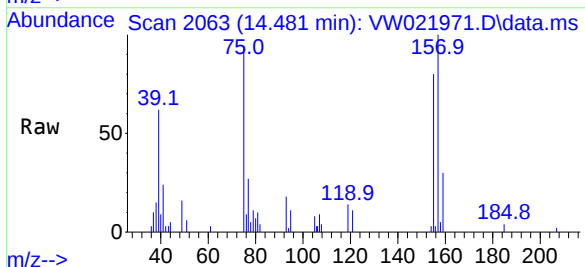
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

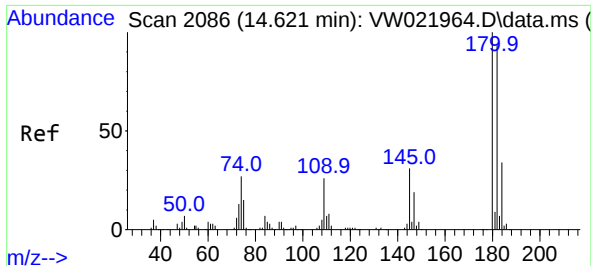
Tgt Ion:146 Resp: 40386
Ion Ratio Lower Upper
146 100
111 40.1 33.1 49.7
148 61.1 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 38.316 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion: 75 Resp: 3132
Ion Ratio Lower Upper
75 100
155 85.1 54.2 81.2#
157 106.5 69.4 104.2#

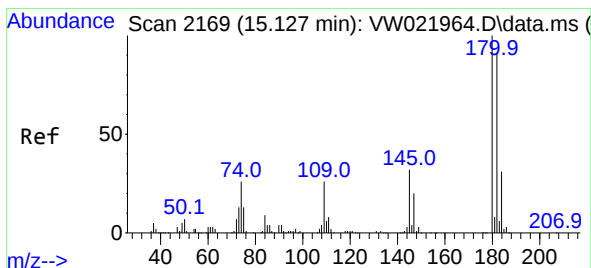
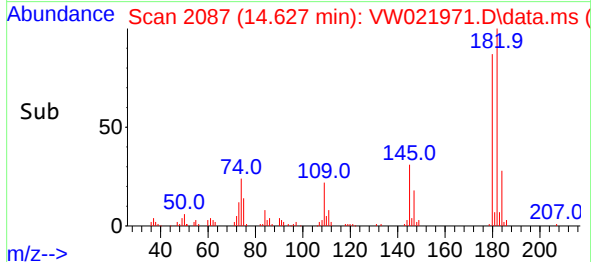
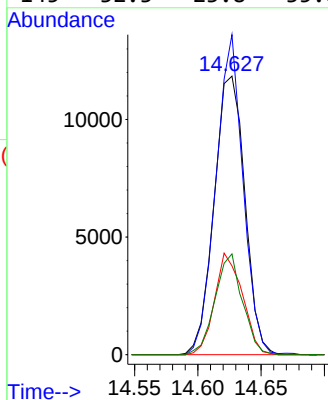
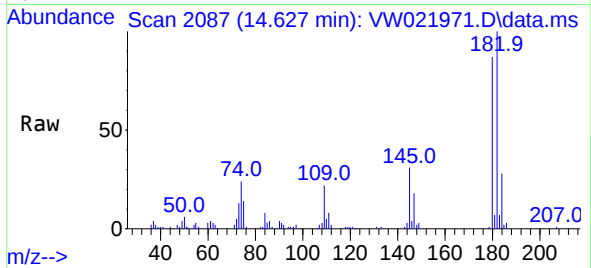




#69
1,3,5-Trichlorobenzene
Concen: 13.282 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

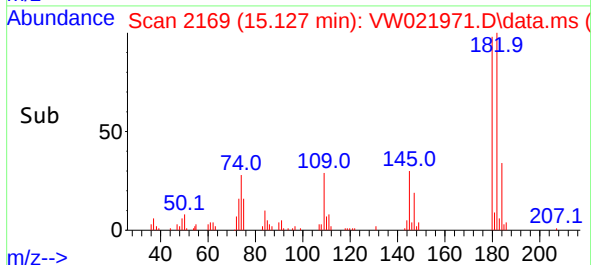
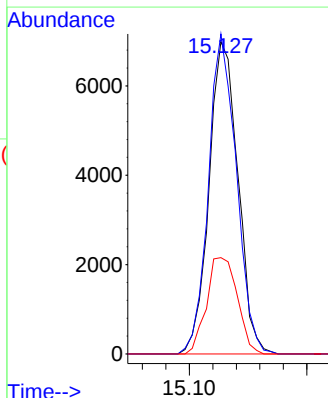
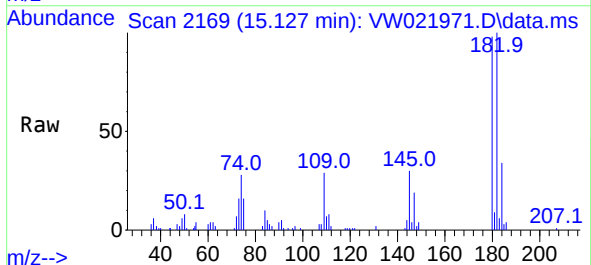
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

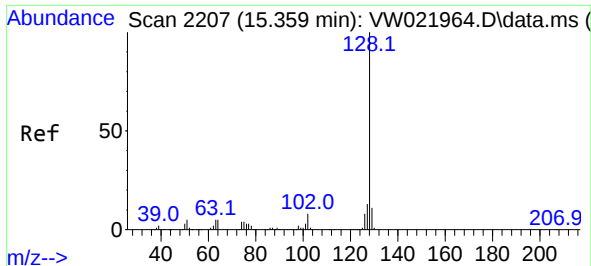
Tgt Ion:	180	Resp:	20019
Ion	Ratio	Lower	Upper
180	100		
182	101.1	75.4	113.0
184	33.0	23.8	35.8
145	32.3	23.8	35.8



#70
1,2,4-trichlorobenzene
Concen: 9.954 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion:	180	Resp:	11954
Ion	Ratio	Lower	Upper
180	100		
182	98.9	79.0	118.6
145	32.8	26.0	39.0

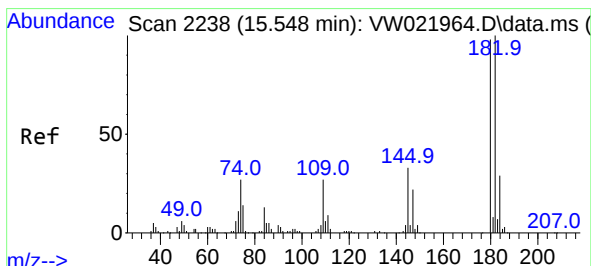
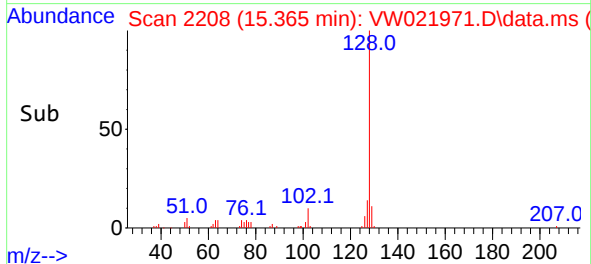
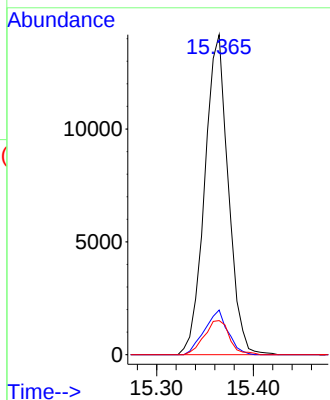
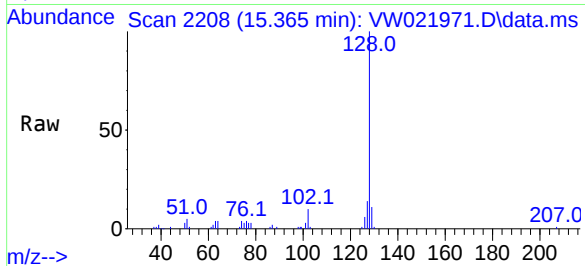




#71
Naphthalene
Concen: 12.960 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MSD

Tgt Ion:	128	Resp:	24009
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.7	16.1
129	11.4	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 9.778 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021971.D
Acq: 17 Jan 2022 13:46

Tgt Ion:	180	Resp:	9697
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.6	114.8
145	32.7	27.4	41.0

