

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023882.D
 Acq On : 19 Jul 2022 14:17
 Operator : SY/VA
 Sample : N3709-11MSD
 Misc : 7.50g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B25MSD

Quant Time: Jul 20 01:20:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	318617	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	290376	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	138951	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	153911	18.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.640%
7) Chloroethane-d5	2.879	69	100152	18.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	4.013	63	168745	25.465	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.840%
21) 2-Butanone-d5	7.080	46	73042	57.867	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.740%
24) Chloroform-d	7.647	84	233471	25.168	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.680%
26) 1,2-Dichloroethane-d4	8.305	65	130405	22.985	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.920%
32) Benzene-d6	8.275	84	430657	28.530	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.120%
36) 1,2-Dichloropropane-d6	9.274	67	133385	29.336	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.360%
41) Toluene-d8	10.323	98	401929	26.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	10.579	79	53792	25.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.960%
47) 2-Hexanone-d5	10.927	63	61995	64.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.680%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134207	26.709	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	128313	25.868	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	73197	33.806	ug/L	97
3) Chloromethane	2.215	50	113857	21.473	ug/L	99
5) Vinyl chloride	2.355	62	167890	18.439	ug/L	100
6) Bromomethane	2.769	94	86562	14.698	ug/L	99
8) Chloroethane	2.916	64	77012	18.079	ug/L	95
9) Trichlorofluoromethane	3.245	101	78996	19.087	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	107690	26.587	ug/L	98
12) 1,1-Dichloroethene	4.031	96	90931	26.923	ug/L	94
13) Acetone	4.123	43	65780	73.709	ug/L	98
14) Carbon disulfide	4.385	76	211230	21.261	ug/L	100
15) Methyl Acetate	4.672	43	55256	27.665	ug/L	99
16) Methylene chloride	4.915	84	118910	23.867	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	99117	24.188	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	183118	28.884	ug/L	98
19) 1,1-Dichloroethane	6.214	63	194518	25.733	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	117845	25.958	ug/L #	92
22) 2-Butanone	7.171	43	81835	55.799	ug/L	99
23) Bromochloromethane	7.506	128	61529	28.213	ug/L	93
25) Chloroform	7.677	83	222650	25.568	ug/L	94

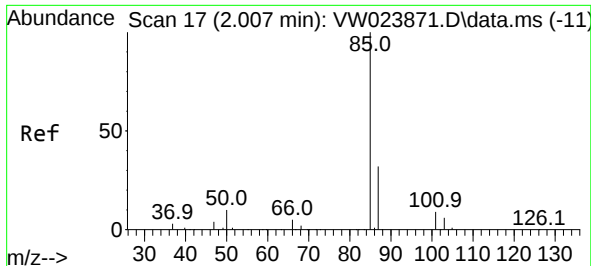
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 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	150239	23.441	ug/L	100
29) Cyclohexane	7.951	56	134216	25.272	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	176484	28.070	ug/L	98
31) Carbon tetrachloride	8.067	117	153087	27.011	ug/L	95
33) Benzene	8.323	78	461118	27.944	ug/L	100
34) Trichloroethene	9.091	95	115527	26.513	ug/L	98
35) Methylcyclohexane	9.335	83	136692	20.601	ug/L	96
37) 1,2-Dichloropropane	9.366	63	114588	27.699	ug/L	99
38) Bromodichloromethane	9.640	83	165412	28.649	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	169980	27.261	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	177664	61.715	ug/L	96
42) Toluene	10.384	91	489843	26.029	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	155958	26.315	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	102416	28.313	ug/L	99
46) Tetrachloroethene	10.859	164	84388	25.046	ug/L	92
48) 2-Hexanone	10.969	43	129294	61.687	ug/L	98
49) Dibromochloromethane	11.128	129	123853	29.524	ug/L	99
50) 1,2-Dibromoethane	11.231	107	97008	27.914	ug/L #	99
51) Chlorobenzene	11.652	112	311327	24.529	ug/L	99
52) Ethylbenzene	11.731	91	518512	24.246	ug/L	99
53) m,p-Xylene	11.835	106	200860	24.074	ug/L	98
54) o-Xylene	12.164	106	203019	25.337	ug/L	93
55) Styrene	12.176	104	338450	23.909	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	129728	26.292	ug/L	98
59) Bromoform	12.347	173	70019	34.174	ug/L #	99
60) Isopropylbenzene	12.463	105	512057	27.434	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	96715	31.743	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	402984	26.371	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	404038	26.445	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	210643	24.856	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	218875	24.276	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	206785	25.872	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	20853	29.674	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.621	180	99608	17.757	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	77844	17.972	ug/L	95
71) Naphthalene	15.365	128	233218	25.101	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	67847	16.805	ug/L	98

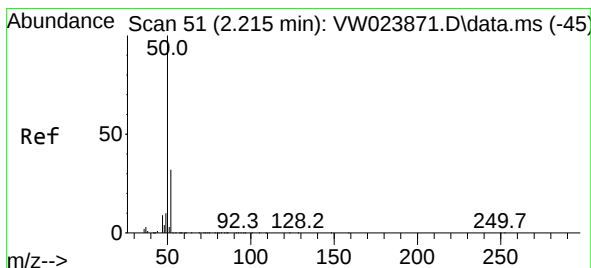
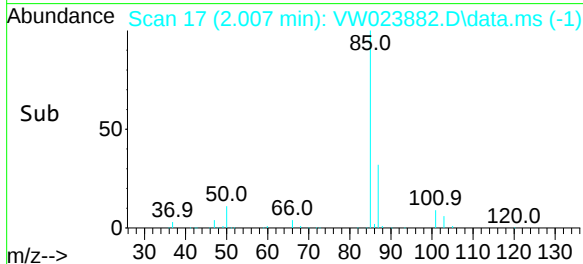
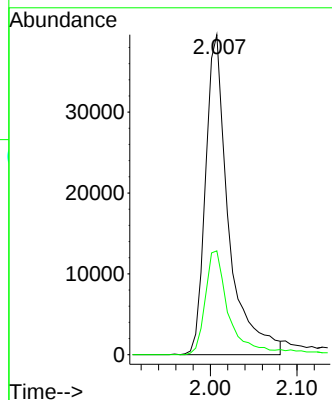
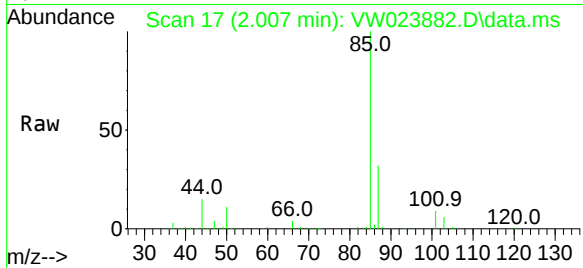
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 33.806 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023882.D
 Acq: 19 Jul 2022 14:17

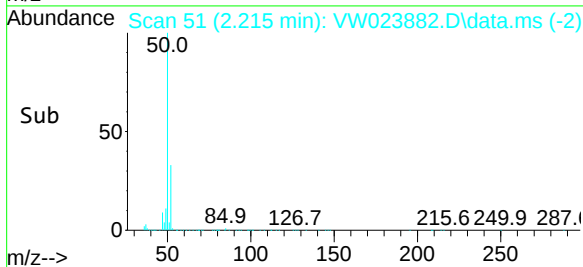
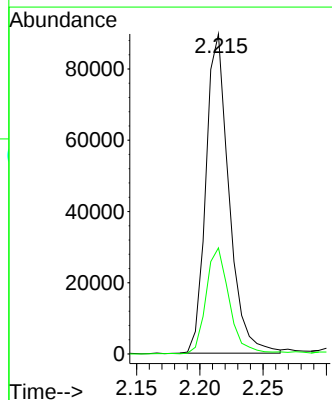
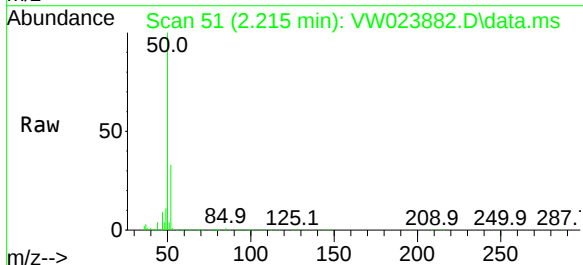
Instrument :
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 ClientSampleId :
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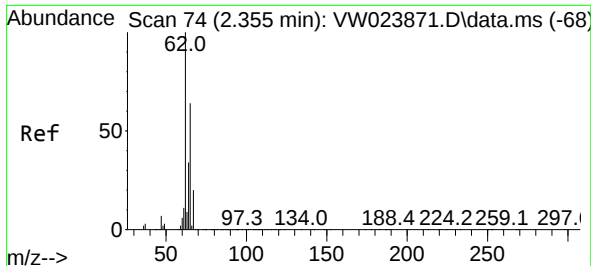
Tgt Ion: 85 Resp: 73197
 Ion Ratio Lower Upper
 85 100
 87 32.6 24.7 37.1



#3
 Chloromethane
 Concen: 21.473 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023882.D
 Acq: 19 Jul 2022 14:17

Tgt Ion: 50 Resp: 113857
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 44.1

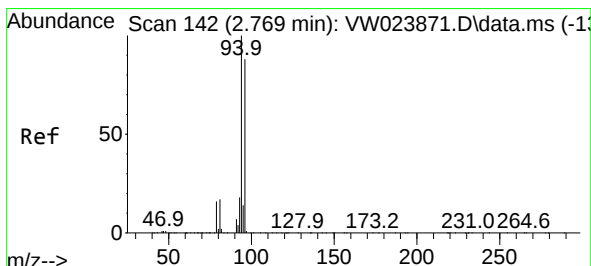
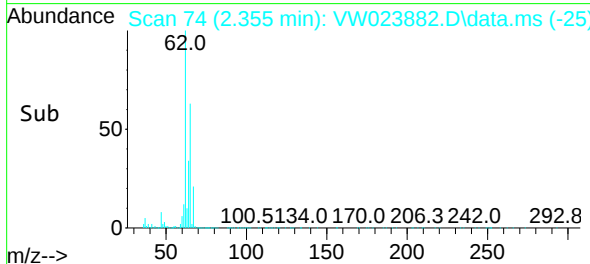
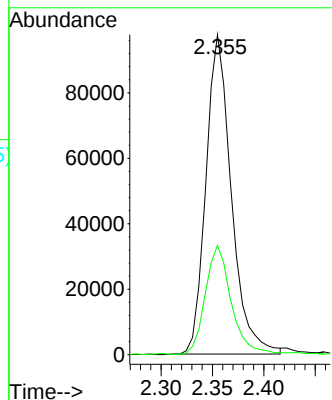
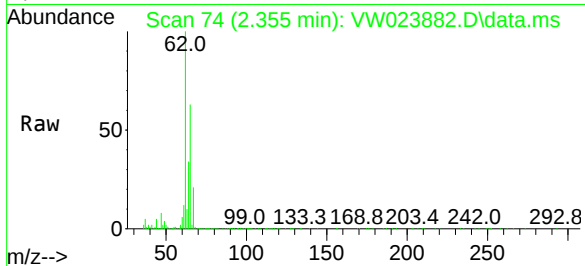




#5
 Vinyl chloride
 Concen: 18.439 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023882.D
 Acq: 19 Jul 2022 14:17

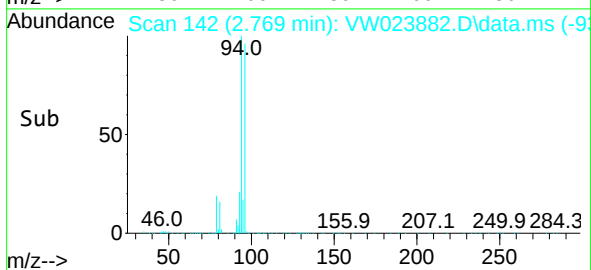
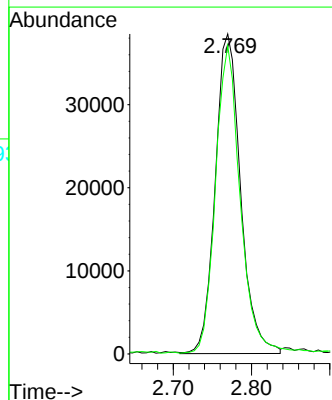
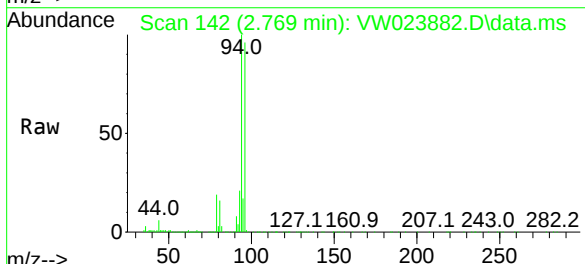
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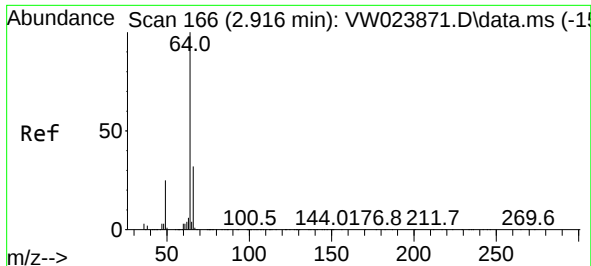
Tgt Ion: 62 Resp: 167890
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.0 44.6



#6
 Bromomethane
 Concen: 14.698 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023882.D
 Acq: 19 Jul 2022 14:17

Tgt Ion: 94 Resp: 86562
 Ion Ratio Lower Upper
 94 100
 96 96.3 68.2 126.6

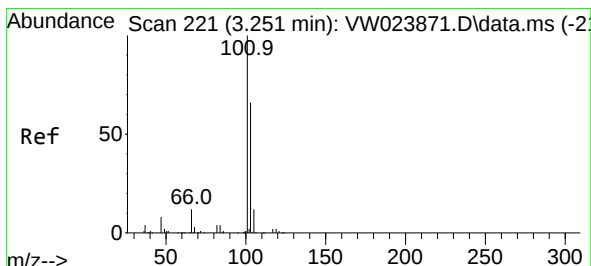
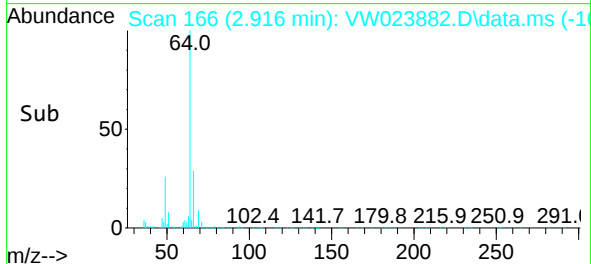
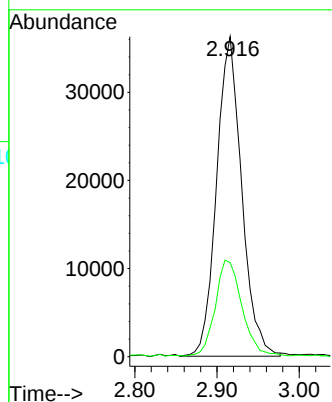
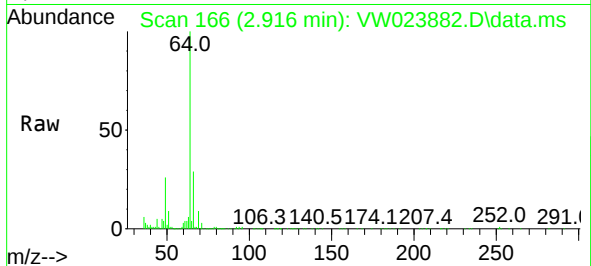




#8
Chloroethane
Concen: 18.079 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

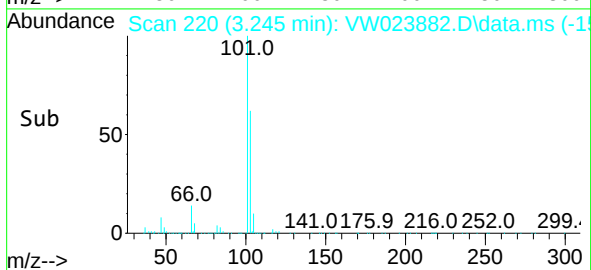
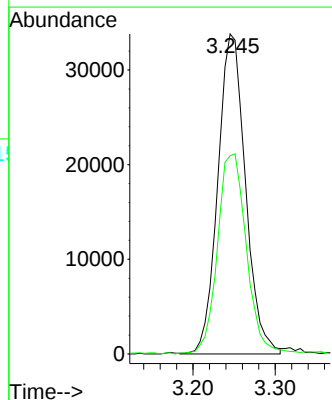
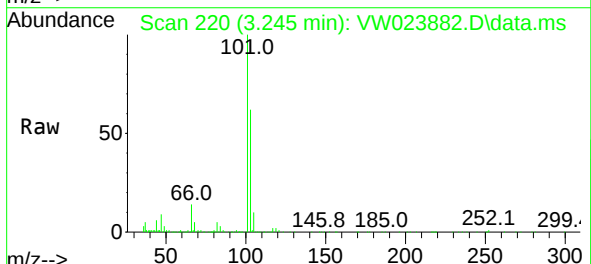
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ClientSampleId :
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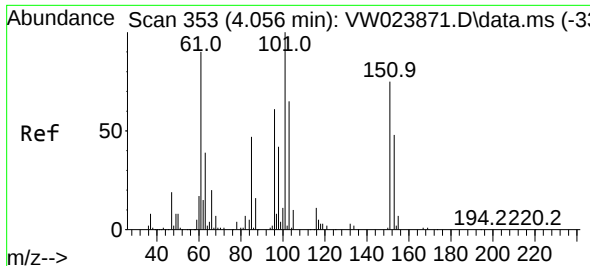
Tgt Ion: 64 Resp: 77012
Ion Ratio Lower Upper
64 100
66 29.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 19.087 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion: 101 Resp: 78996
Ion Ratio Lower Upper
101 100
103 65.5 52.1 78.1

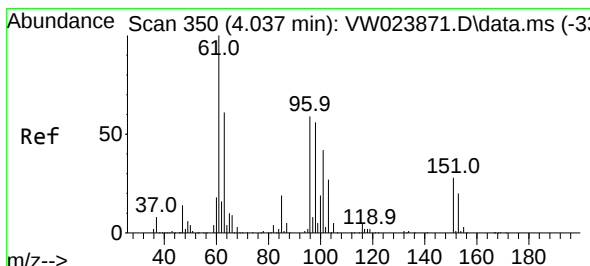
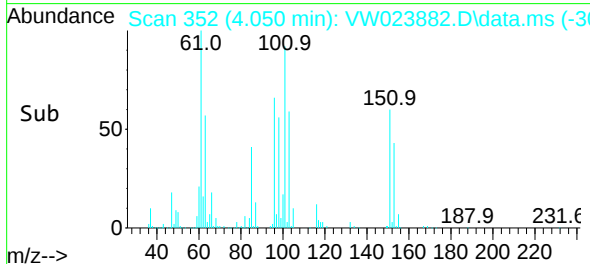
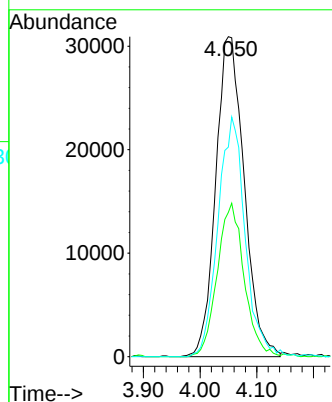
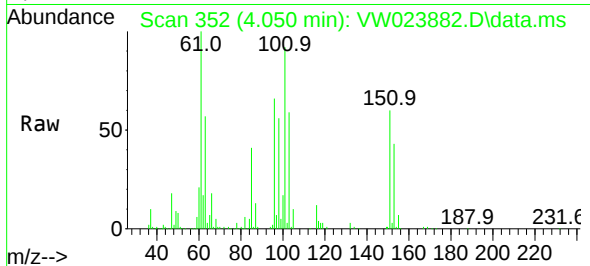




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.587 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW023882.D
 Acq: 19 Jul 2022 14:17

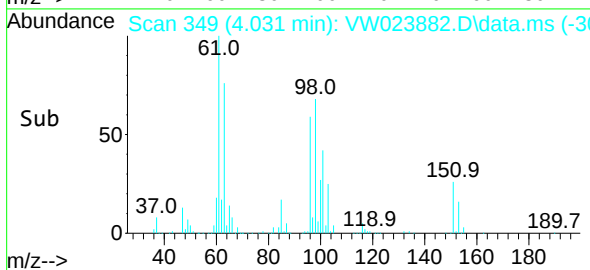
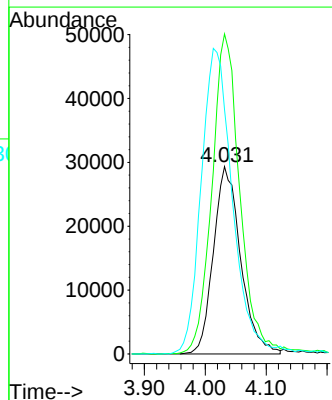
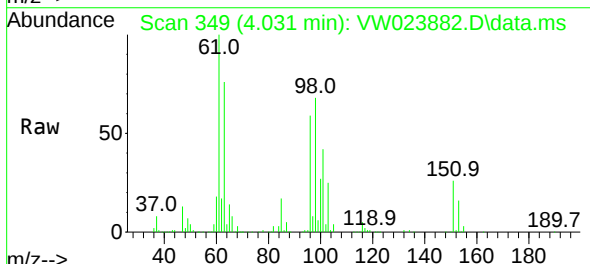
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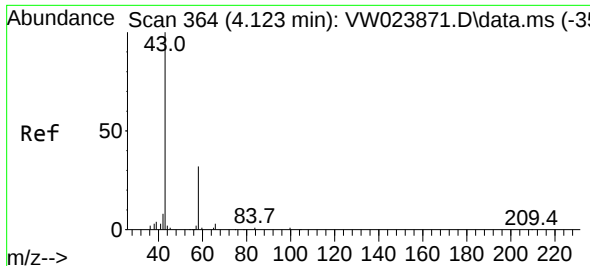
Tgt Ion:101 Resp: 107690
 Ion Ratio Lower Upper
 101 100
 85 45.3 37.6 56.4
 151 71.1 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 26.923 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW023882.D
 Acq: 19 Jul 2022 14:17

Tgt Ion: 96 Resp: 90931
 Ion Ratio Lower Upper
 96 100
 61 170.8 125.4 232.8
 63 130.5 97.4 180.8

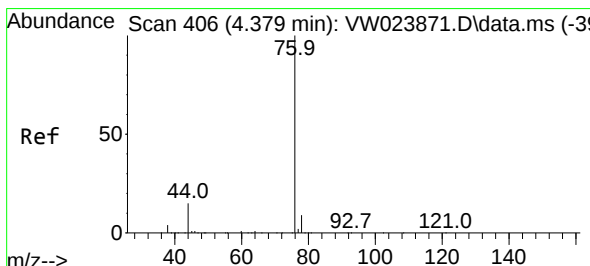
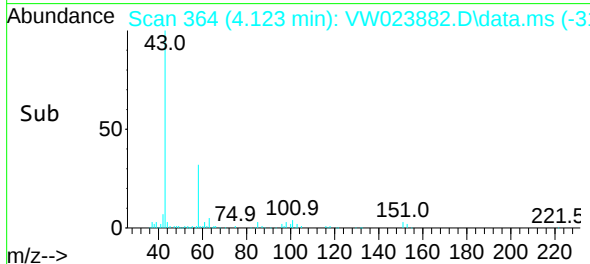
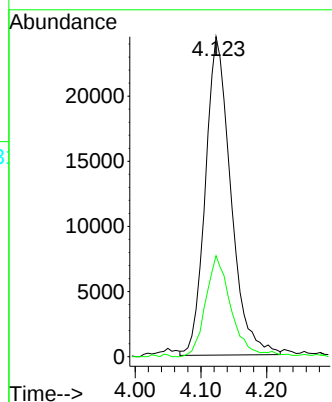
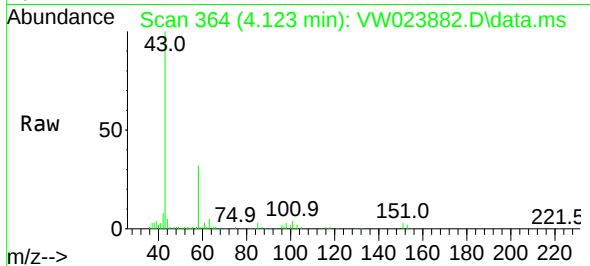




#13
Acetone
Concen: 73.709 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

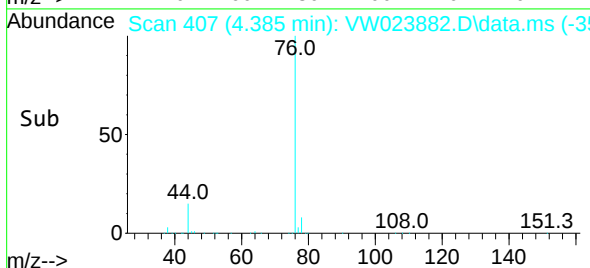
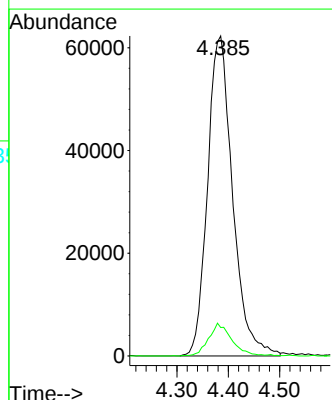
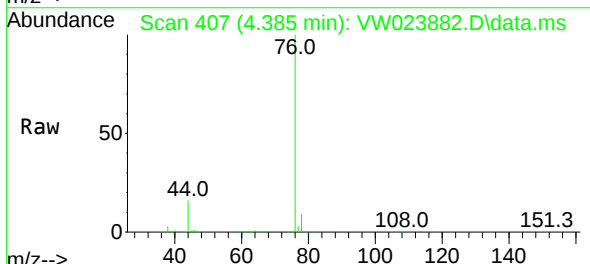
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ClientSampleId :
H0B25MSD

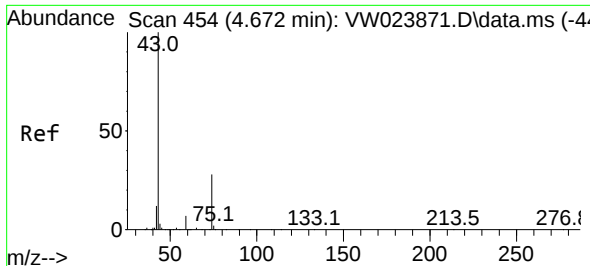
Tgt Ion: 43 Resp: 65780
Ion Ratio Lower Upper
43 100
58 31.0 0.0 64.2



#14
Carbon disulfide
Concen: 21.261 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion: 76 Resp: 211230
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

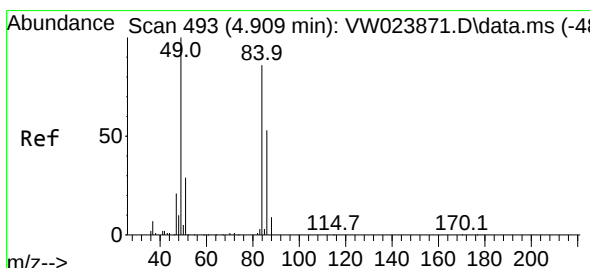
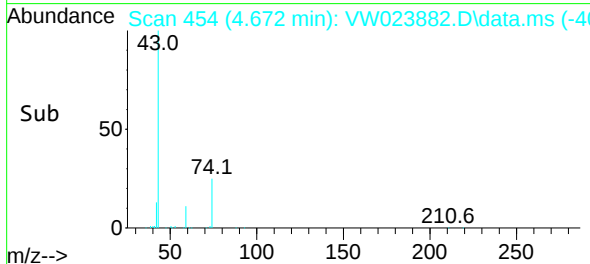
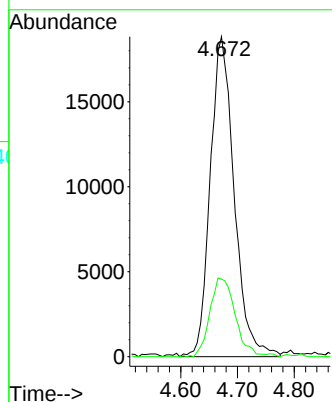
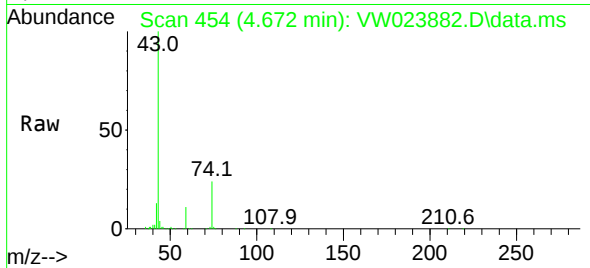




#15
Methyl Acetate
Concen: 27.665 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

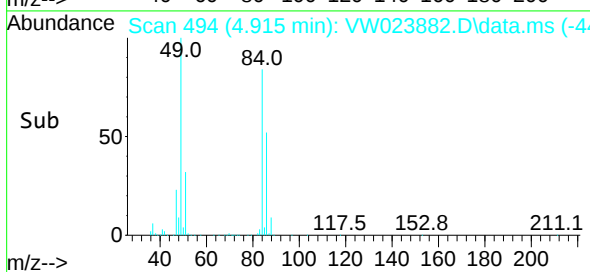
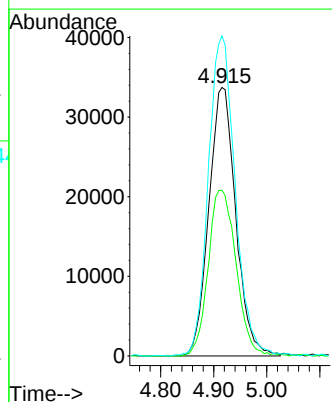
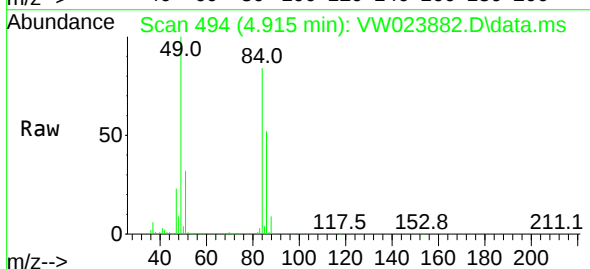
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

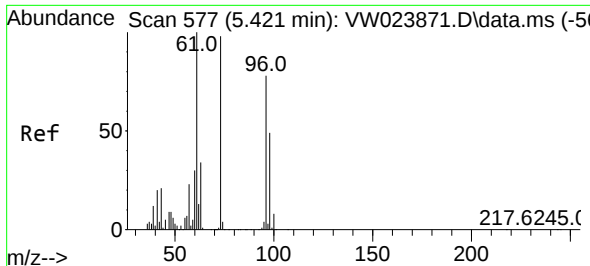
Tgt Ion: 43 Resp: 55256
Ion Ratio Lower Upper
43 100
74 25.7 20.0 30.0



#16
Methylene chloride
Concen: 23.867 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion: 84 Resp: 118910
Ion Ratio Lower Upper
84 100
86 61.7 42.8 79.6
49 119.2 85.4 158.6

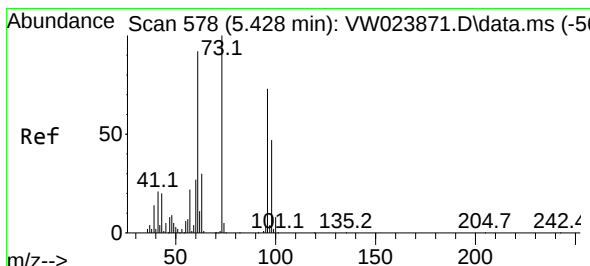
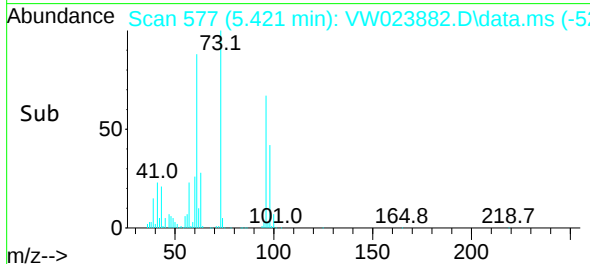
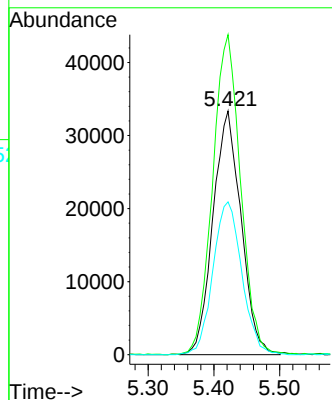
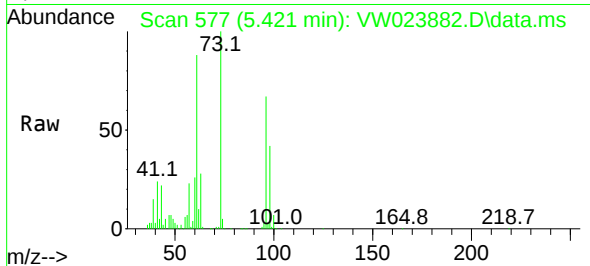




#17
trans-1,2-Dichloroethene
Concen: 24.188 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

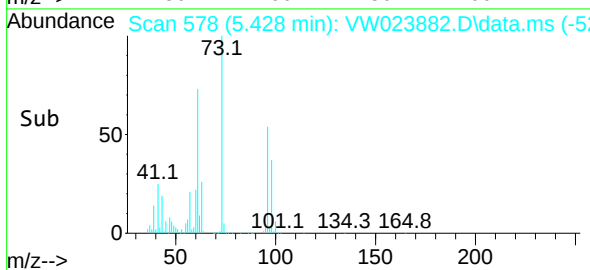
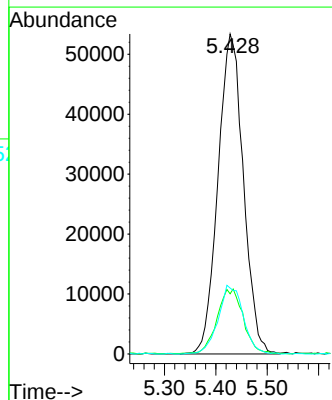
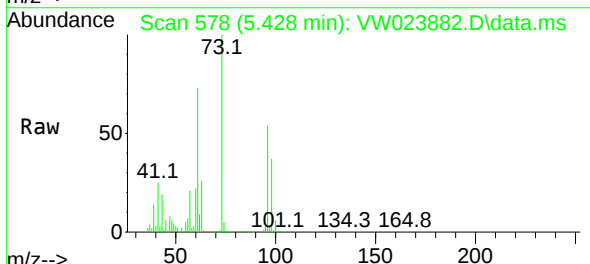
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

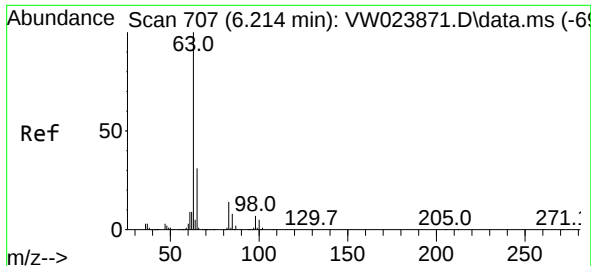
Tgt Ion: 96 Resp: 99117
Ion Ratio Lower Upper
96 100
61 131.3 90.8 168.6
98 62.7 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 28.884 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion: 73 Resp: 183118
Ion Ratio Lower Upper
73 100
43 20.8 17.6 26.4
57 20.5 16.8 25.2





#19

1,1-Dichloroethane

Concen: 25.733 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

H0B25MSD

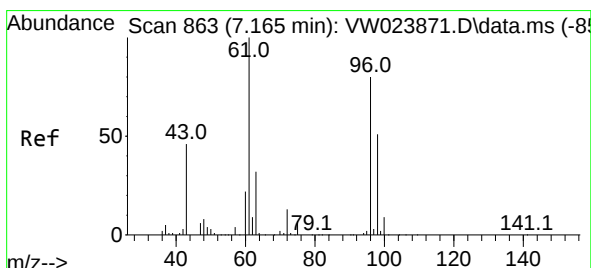
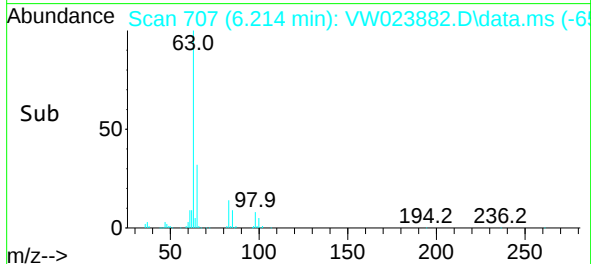
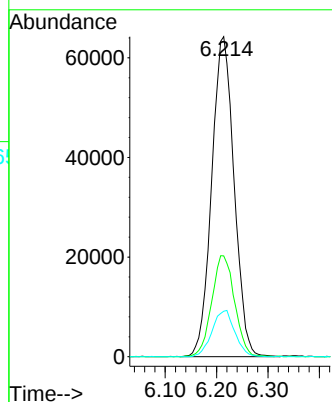
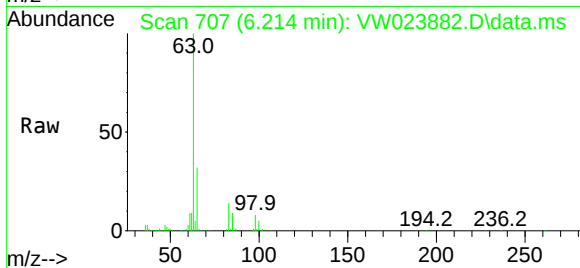
Tgt Ion: 63 Resp: 194518

Ion Ratio Lower Upper

63 100

65 31.5 22.7 42.1

83 14.2 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 25.958 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

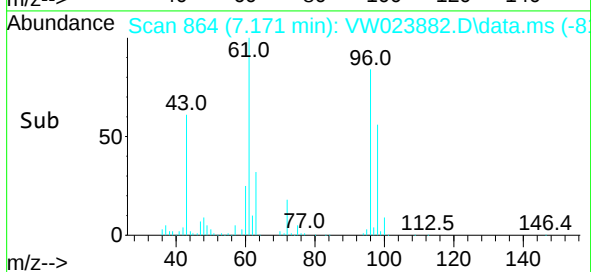
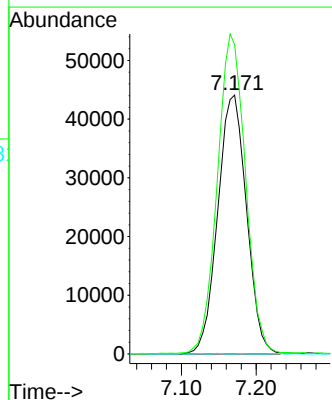
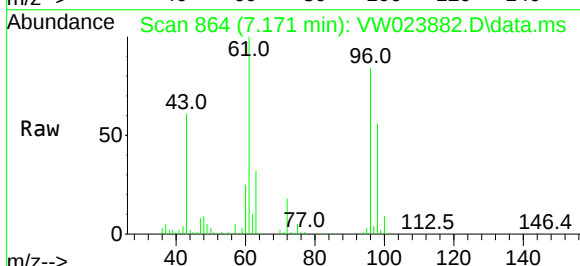
Tgt Ion: 96 Resp: 117845

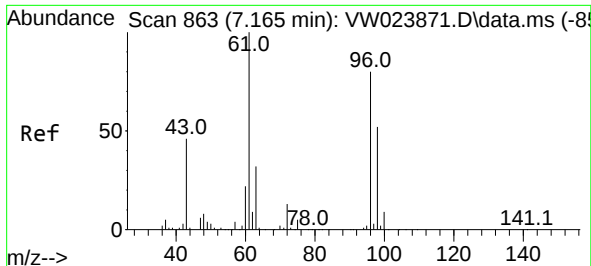
Ion Ratio Lower Upper

96 100

61 119.5 90.6 168.2

68 0.0 0.2 0.4

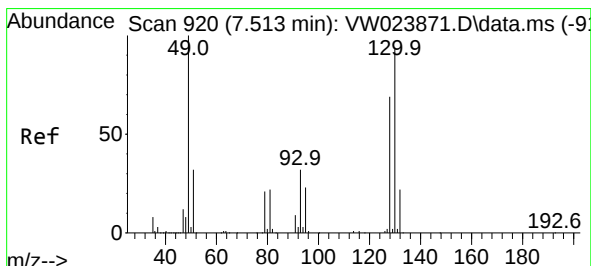
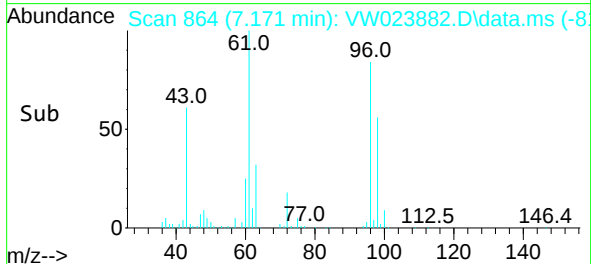
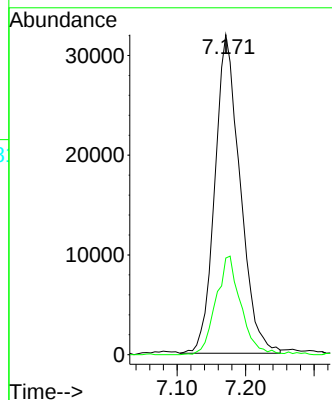
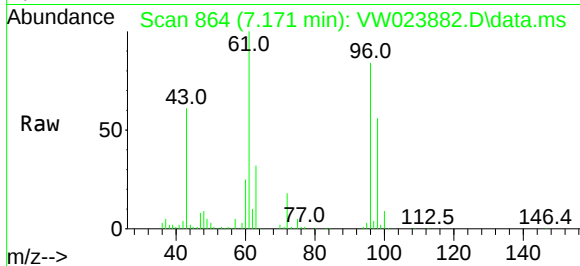




#22
2-Butanone
Concen: 55.799 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

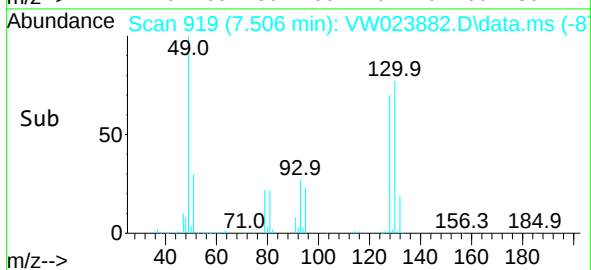
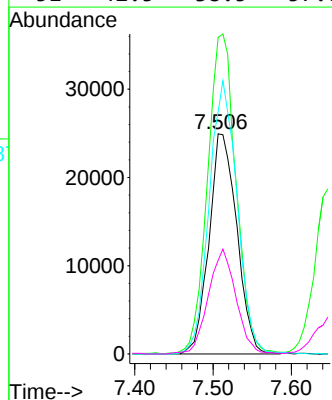
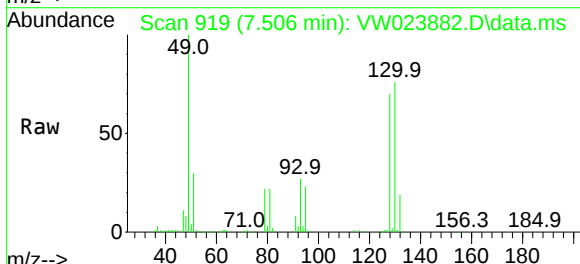
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

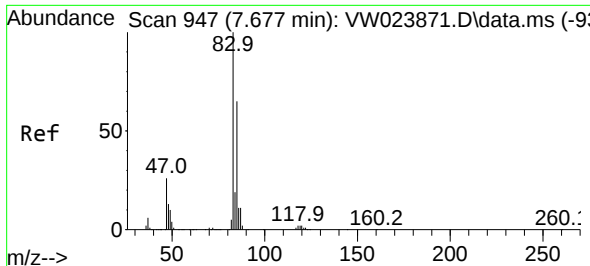
Tgt Ion: 43 Resp: 81835
Ion Ratio Lower Upper
43 100
72 30.0 14.7 44.1



#23
Bromochloromethane
Concen: 28.213 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion: 128 Resp: 61529
Ion Ratio Lower Upper
128 100
49 143.8 106.0 196.8
130 110.0 83.2 154.4
51 42.5 38.5 57.7

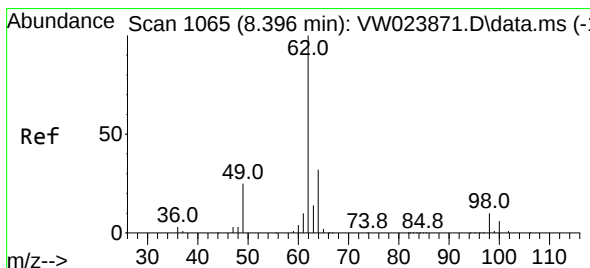
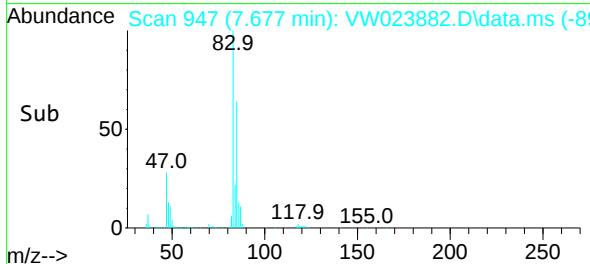
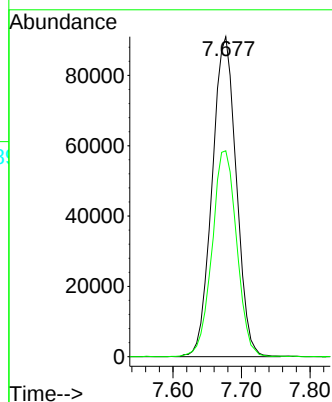
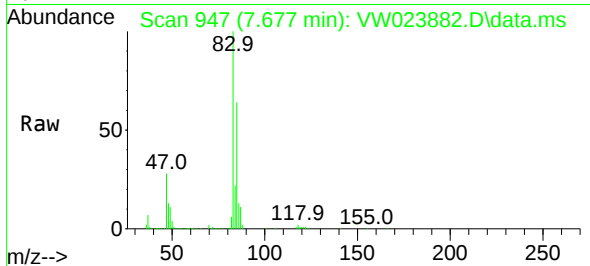




#25
Chloroform
Concen: 25.568 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

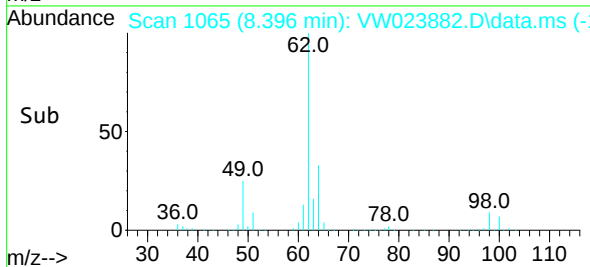
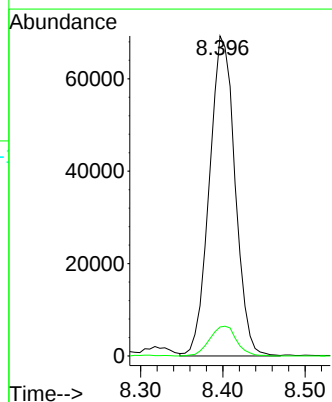
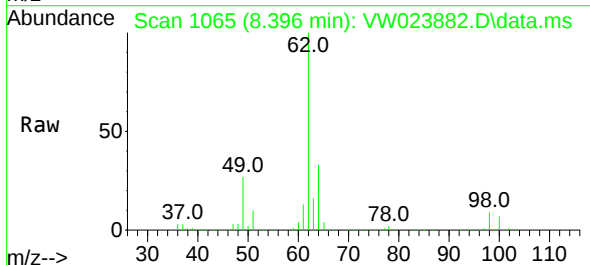
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

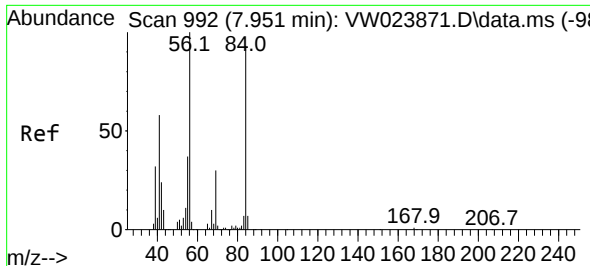
Tgt Ion: 83 Resp: 222650
Ion Ratio Lower Upper
83 100
85 64.4 41.9 77.9



#27
1,2-Dichloroethane
Concen: 23.441 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

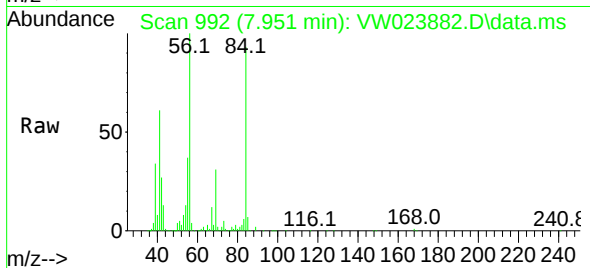
Tgt Ion: 62 Resp: 150239
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8



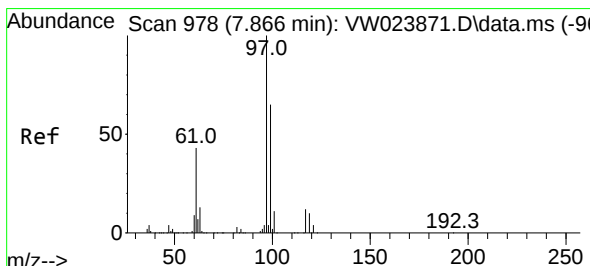
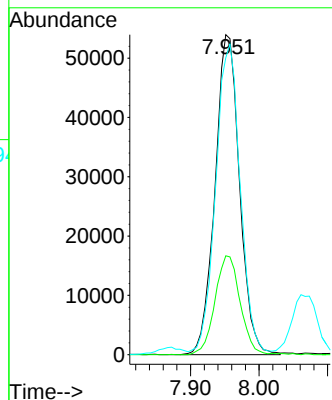
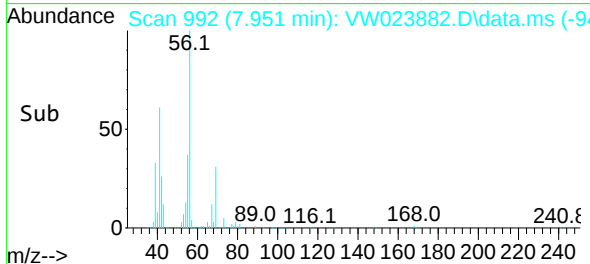


#29
Cyclohexane
Concen: 25.272 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

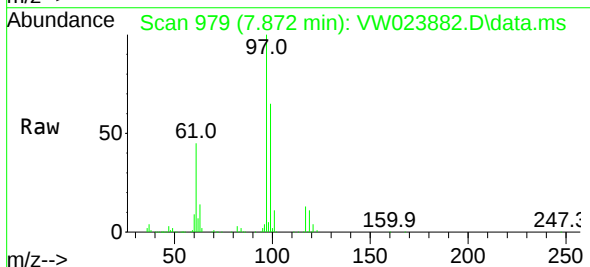
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD



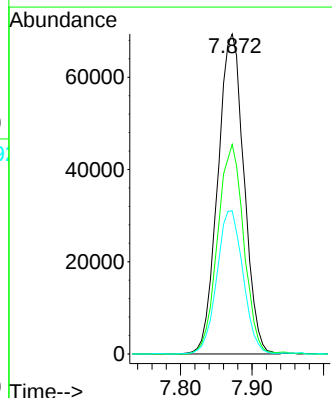
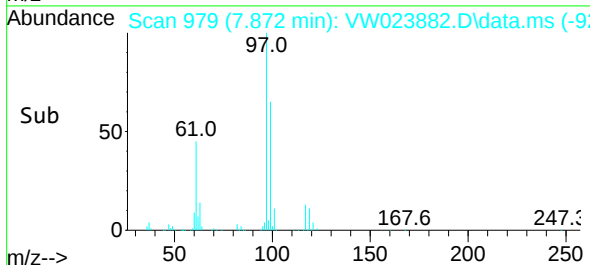
Tgt Ion: 56 Resp: 134216
Ion Ratio Lower Upper
56 100
69 31.5 25.4 38.0
84 97.6 75.0 112.4

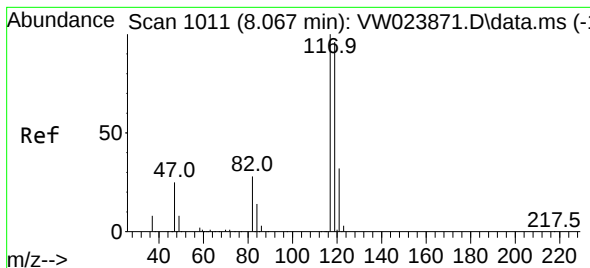


#30
1,1,1-Trichloroethane
Concen: 28.070 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17



Tgt Ion: 97 Resp: 176484
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 44.8 37.5 56.3

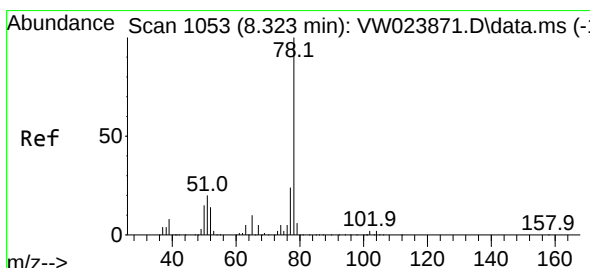
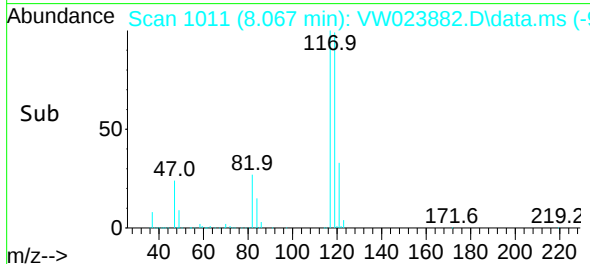
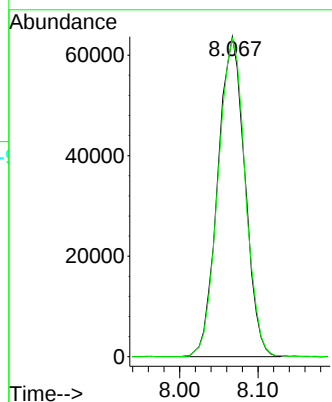
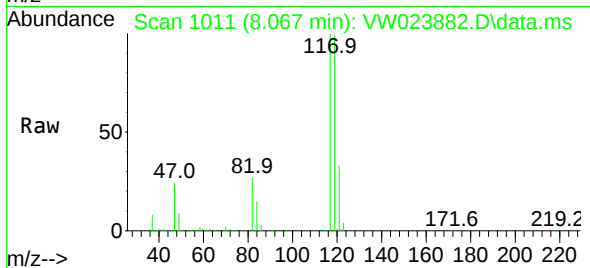




#31
Carbon tetrachloride
Concen: 27.011 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

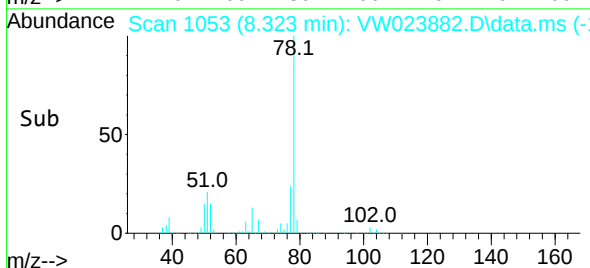
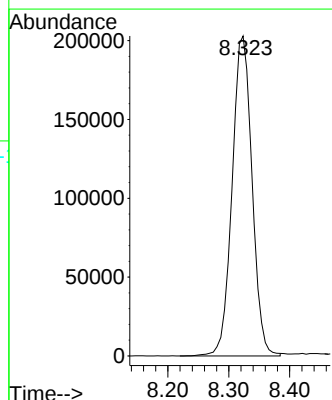
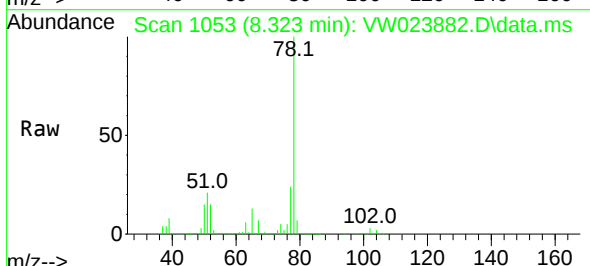
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

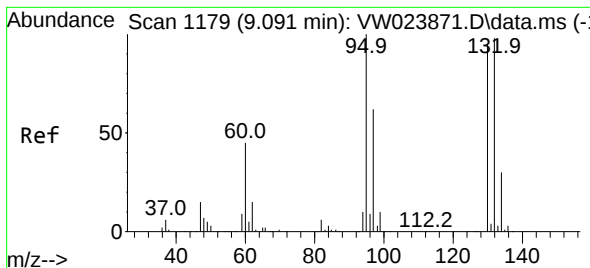
Tgt Ion:117 Resp: 153087
Ion Ratio Lower Upper
117 100
119 99.6 75.7 113.5



#33
Benzene
Concen: 27.944 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion: 78 Resp: 461118





#34

Trichloroethene

Concen: 26.513 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

H0B25MSD

Tgt Ion: 95 Resp: 115527

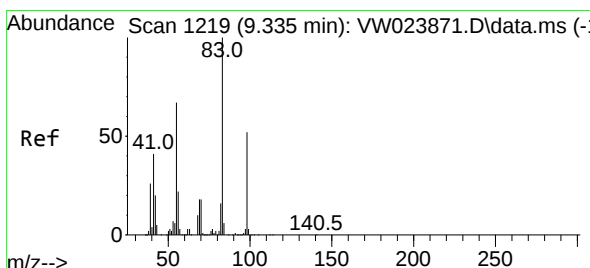
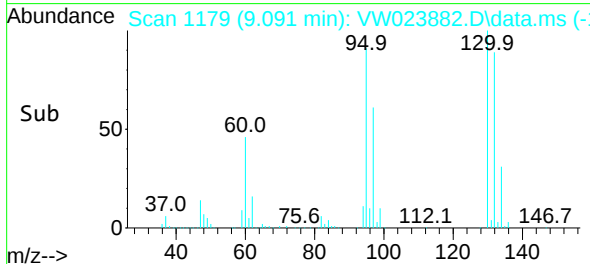
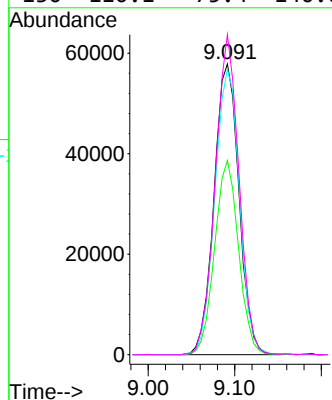
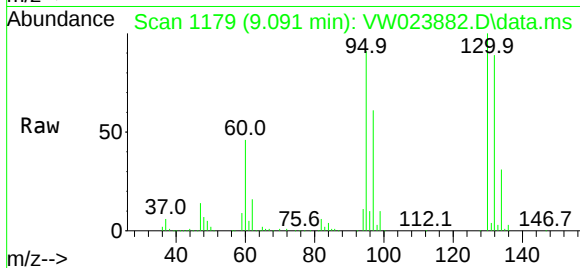
Ion Ratio Lower Upper

95 100

97 66.8 45.6 84.8

132 98.2 69.9 129.7

130 110.1 75.4 140.0



#35

Methylcyclohexane

Concen: 20.601 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

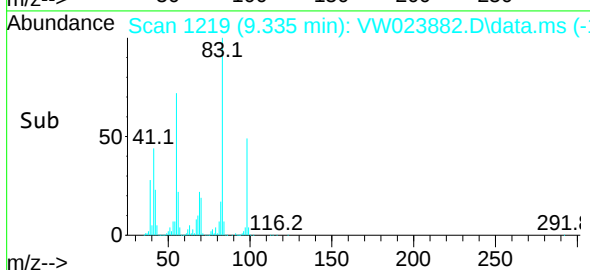
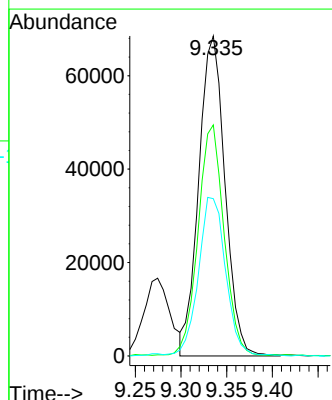
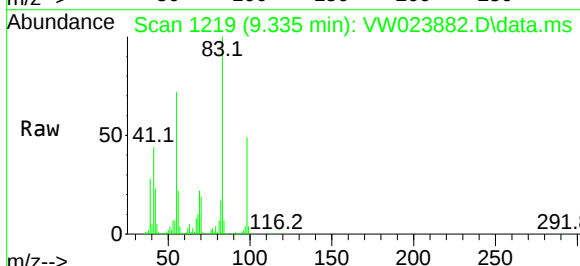
Tgt Ion: 83 Resp: 136692

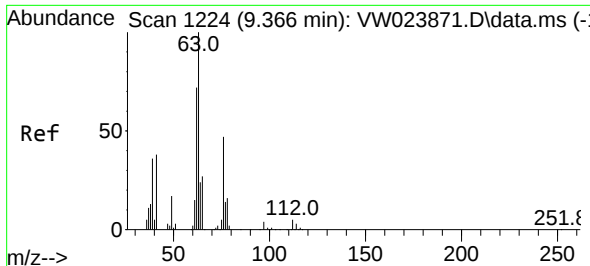
Ion Ratio Lower Upper

83 100

55 71.7 60.8 91.2

98 50.6 39.5 59.3





#37

1,2-Dichloropropane

Concen: 27.699 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

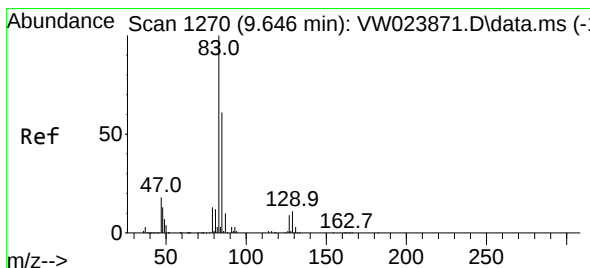
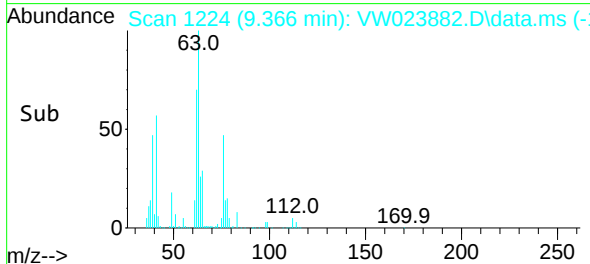
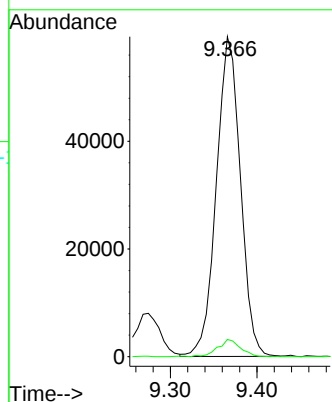
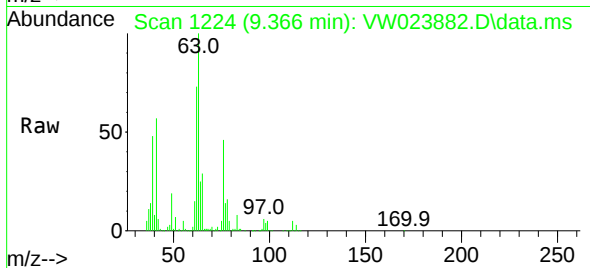
H0B25MSD

Tgt Ion: 63 Resp: 114588

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.2



#38

Bromodichloromethane

Concen: 28.649 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

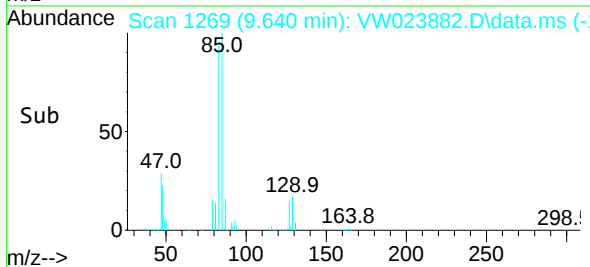
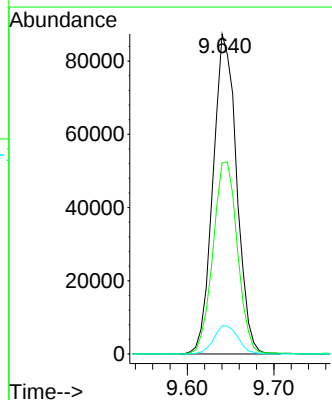
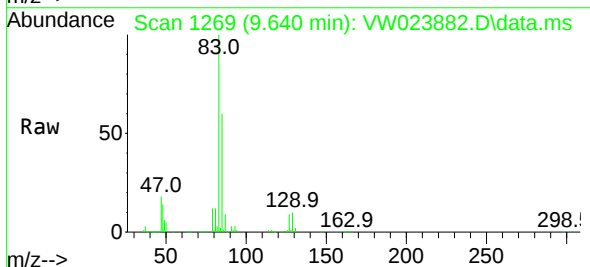
Tgt Ion: 83 Resp: 165412

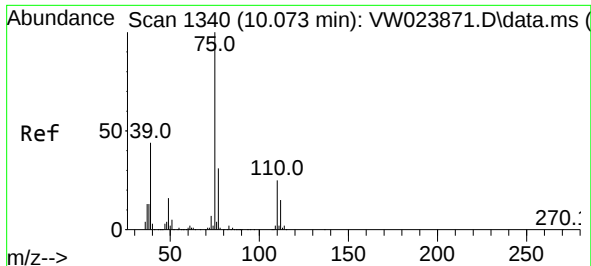
Ion Ratio Lower Upper

83 100

85 59.7 45.5 84.5

127 8.9 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 27.261 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

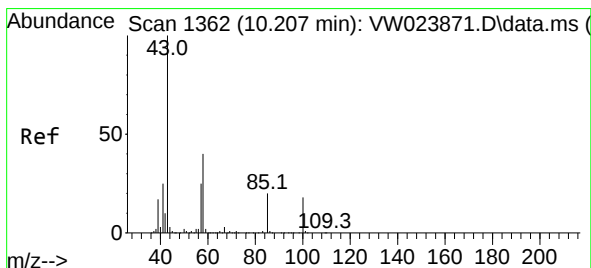
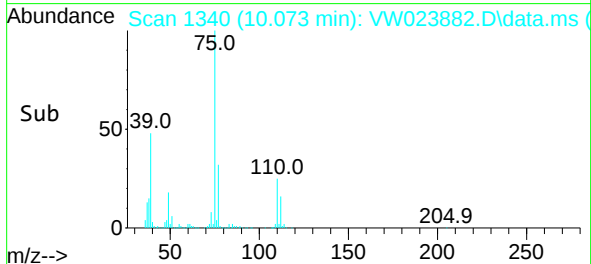
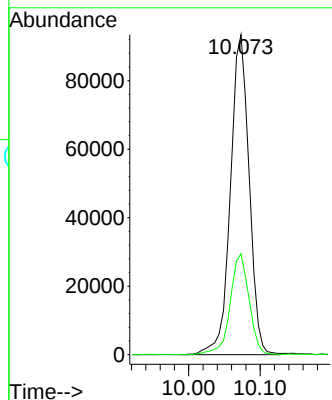
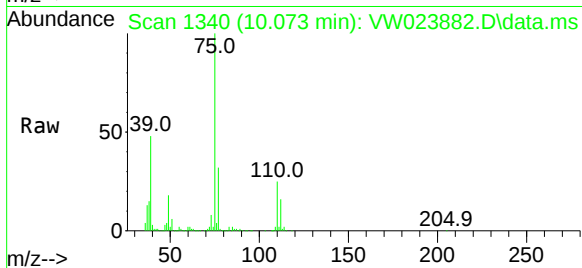
H0B25MSD

Tgt Ion: 75 Resp: 169980

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 61.715 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

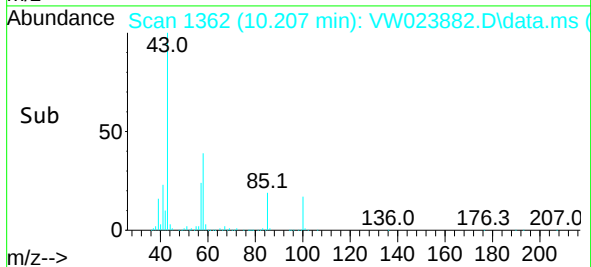
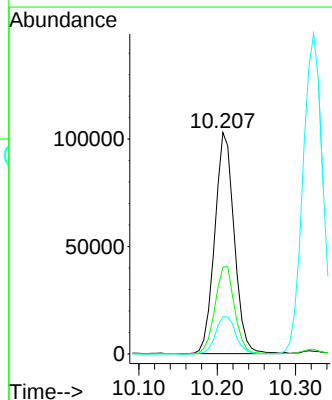
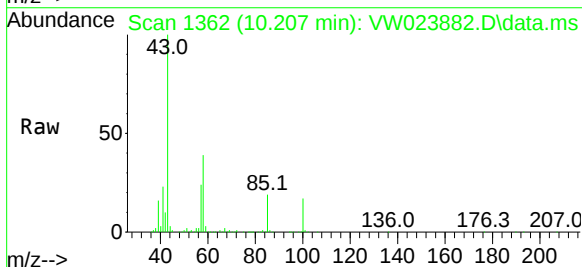
Tgt Ion: 43 Resp: 177664

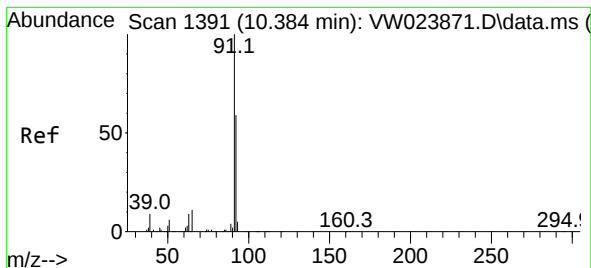
Ion Ratio Lower Upper

43 100

58 39.9 29.8 44.8

100 17.6 13.0 19.4





#42

Toluene

Concen: 26.029 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

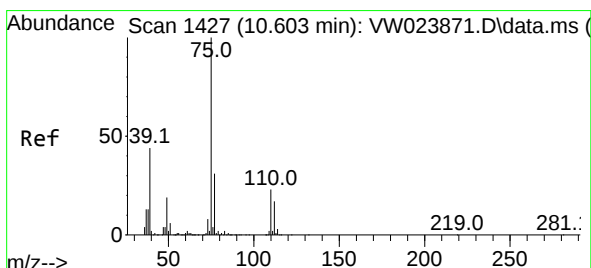
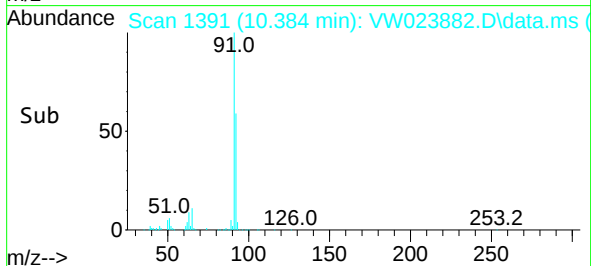
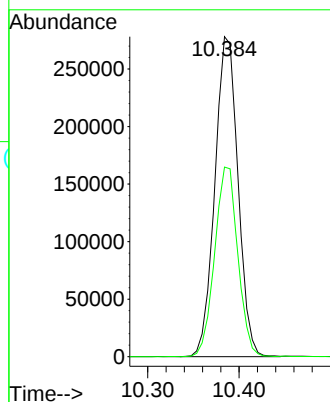
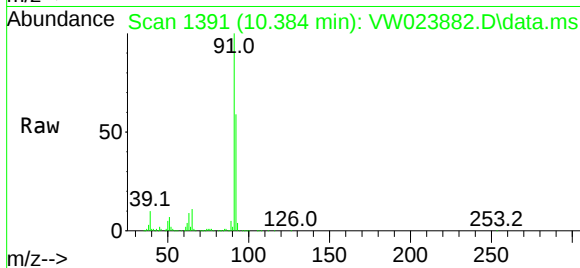
H0B25MSD

Tgt Ion: 91 Resp: 489843

Ion Ratio Lower Upper

91 100

92 59.3 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 26.315 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023882.D

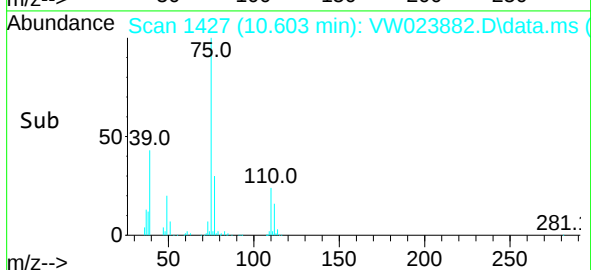
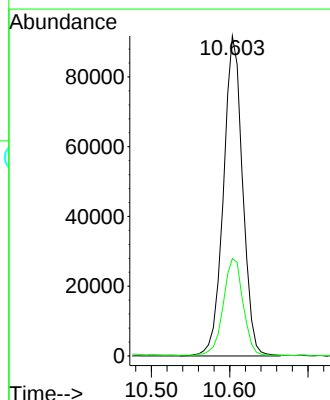
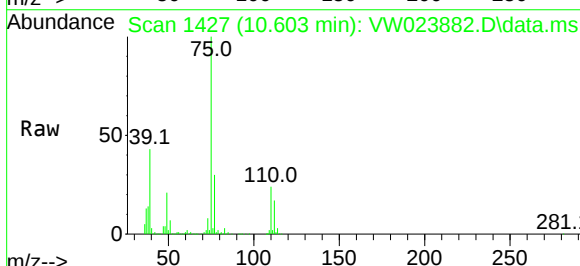
Acq: 19 Jul 2022 14:17

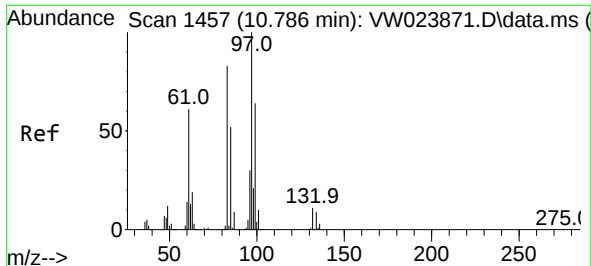
Tgt Ion: 75 Resp: 155958

Ion Ratio Lower Upper

75 100

77 30.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 28.313 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

H0B25MSD

Tgt Ion: 97 Resp: 102416

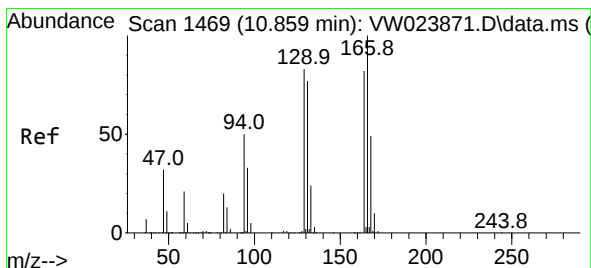
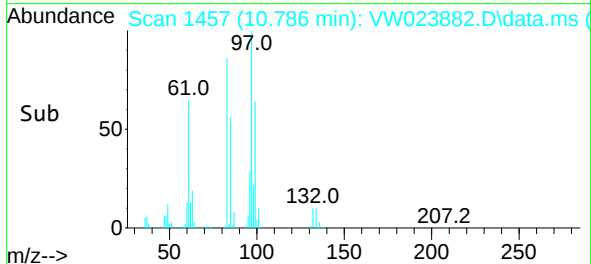
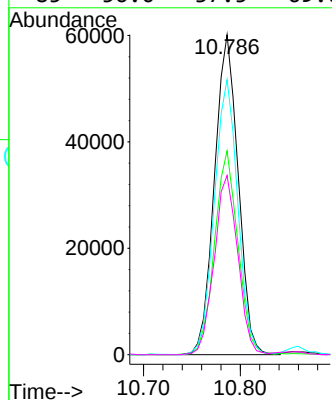
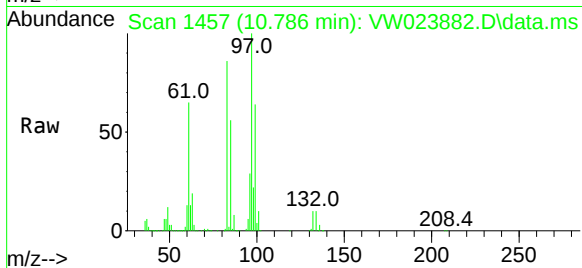
Ion Ratio Lower Upper

97 100

99 63.7 44.2 82.2

83 85.9 59.8 111.0

85 56.0 37.5 69.6



#46

Tetrachloroethene

Concen: 25.046 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Tgt Ion:164 Resp: 84388

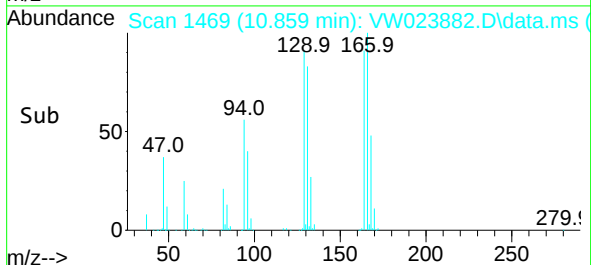
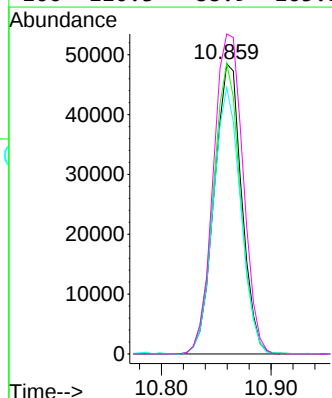
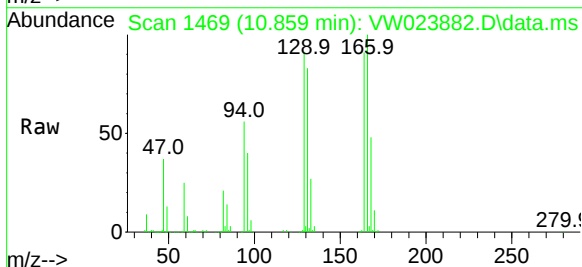
Ion Ratio Lower Upper

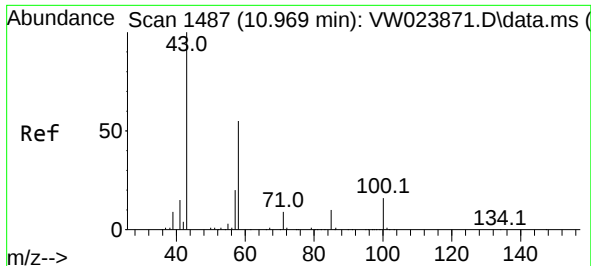
164 100

129 100.2 72.4 134.5

131 91.8 67.8 125.8

166 110.3 88.9 165.1



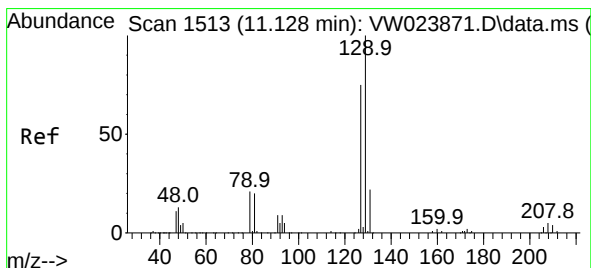
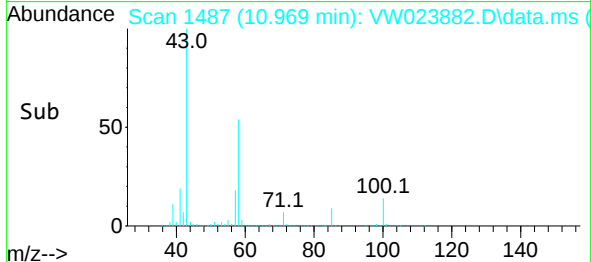
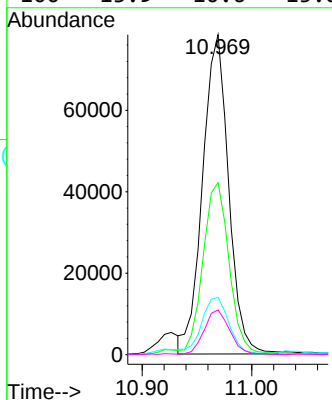
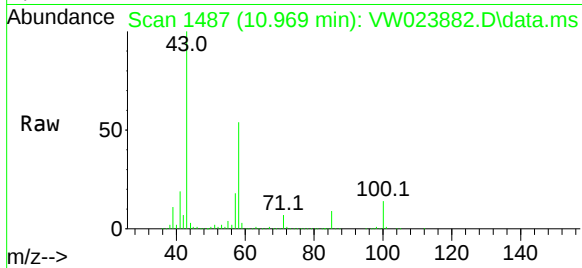


#48
2-Hexanone
Concen: 61.687 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

Tgt Ion: 43 Resp: 129294

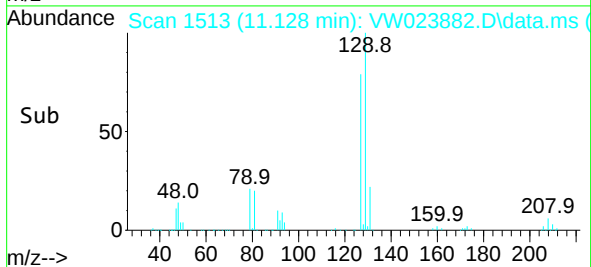
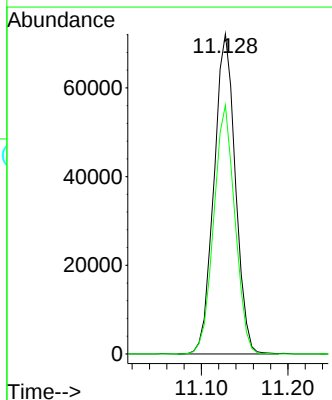
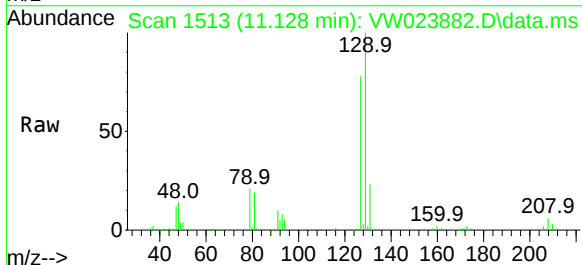
Ion	Ratio	Lower	Upper
43	100		
58	53.6	41.6	62.4
57	17.9	14.6	21.8
100	13.9	10.6	15.8

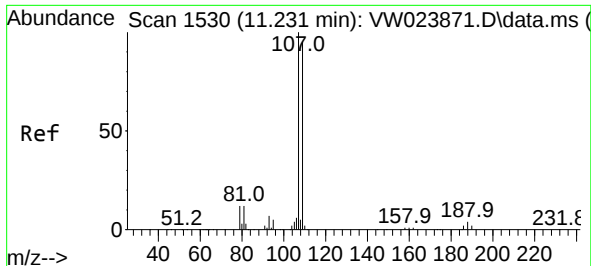


#49
Dibromochloromethane
Concen: 29.524 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion: 129 Resp: 123853

Ion	Ratio	Lower	Upper
129	100		
127	77.7	53.7	99.7





#50

1,2-Dibromoethane

Concen: 27.914 ug/L

RT: 11.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

H0B25MSD

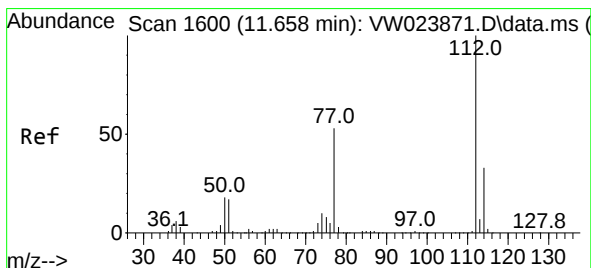
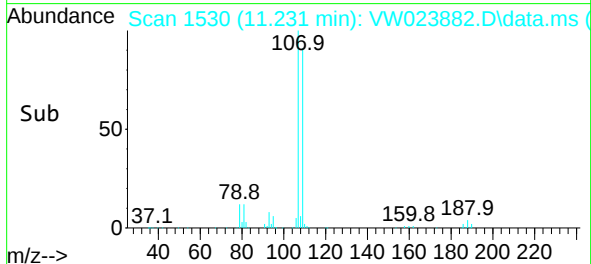
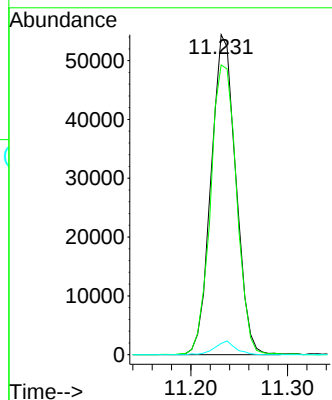
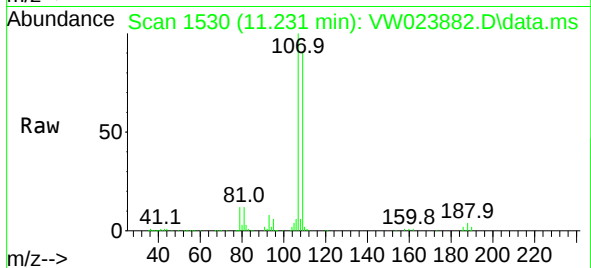
Tgt Ion:107 Resp: 97008

Ion Ratio Lower Upper

107 100

109 90.6 62.4 116.0

188 3.5 2.3 3.5#



#51

Chlorobenzene

Concen: 24.529 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

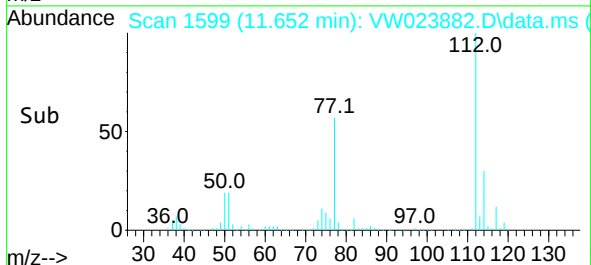
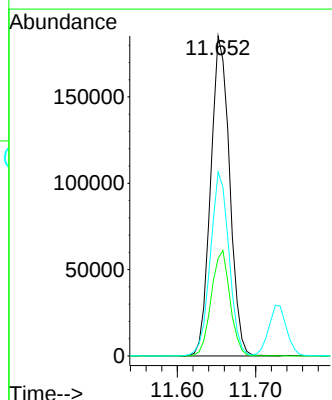
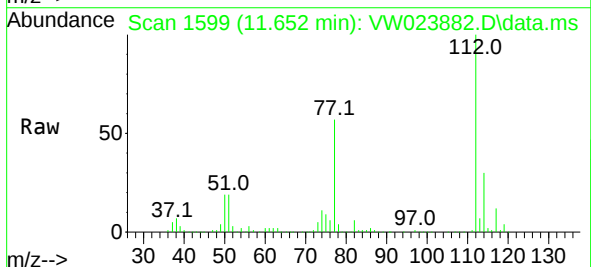
Tgt Ion:112 Resp: 311327

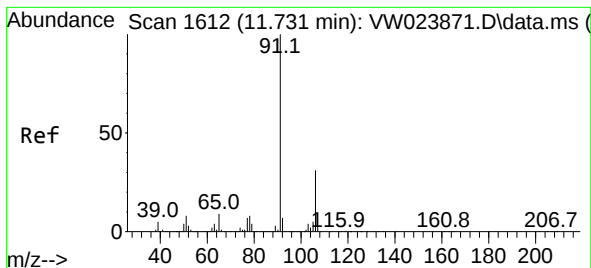
Ion Ratio Lower Upper

112 100

114 30.5 21.1 39.3

77 57.5 46.6 69.8

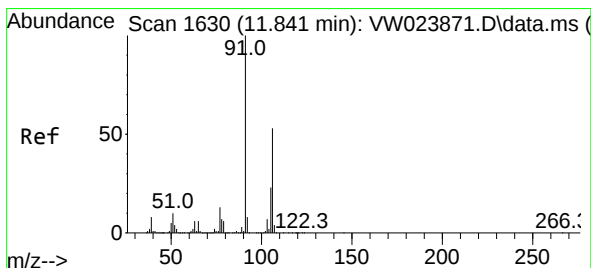
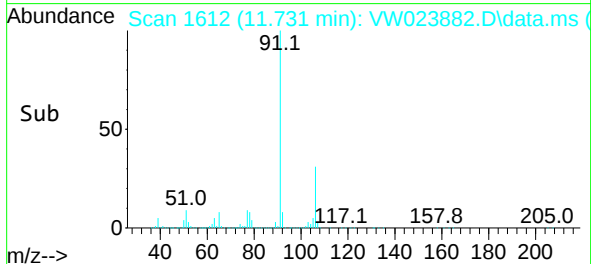
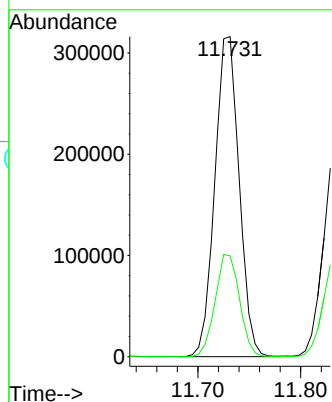
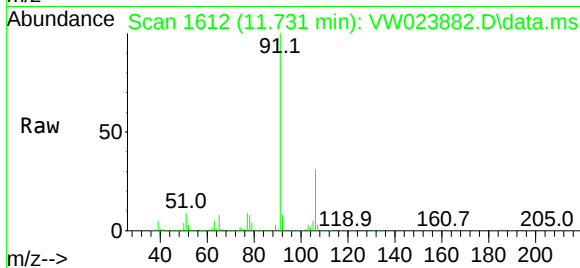




#52
Ethylbenzene
Concen: 24.246 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

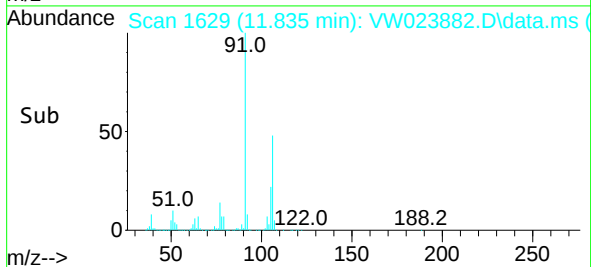
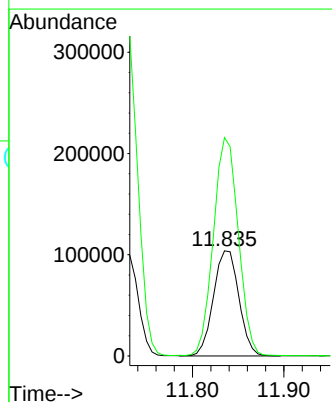
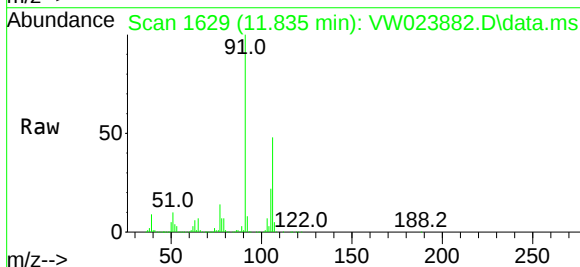
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

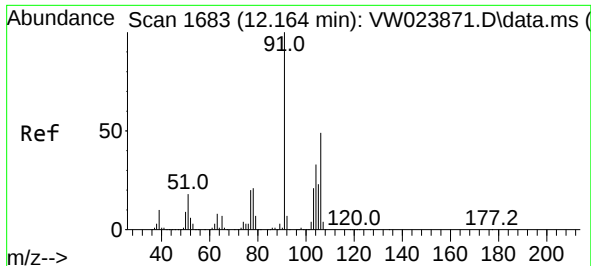
Tgt Ion: 91 Resp: 518512
Ion Ratio Lower Upper
91 100
106 31.5 22.5 41.9



#53
m,p-Xylene
Concen: 24.074 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion: 106 Resp: 200860
Ion Ratio Lower Upper
106 100
91 207.6 142.8 265.2

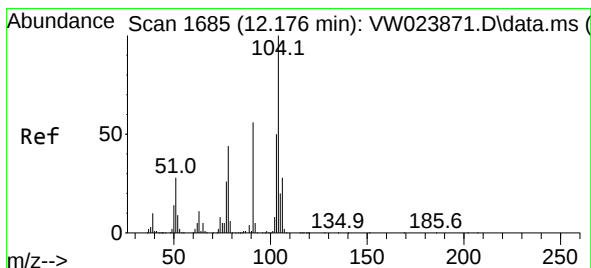
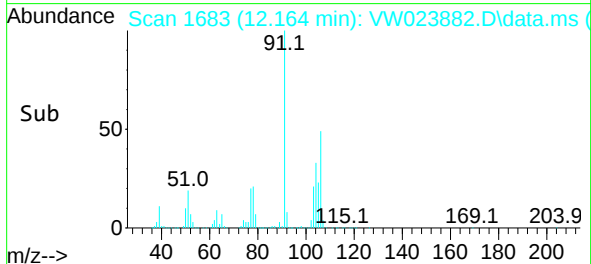
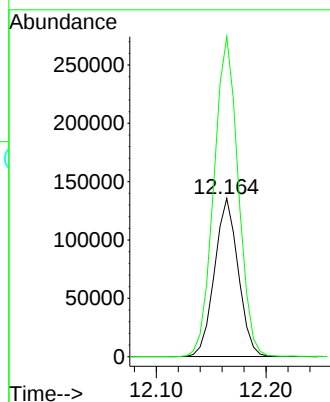
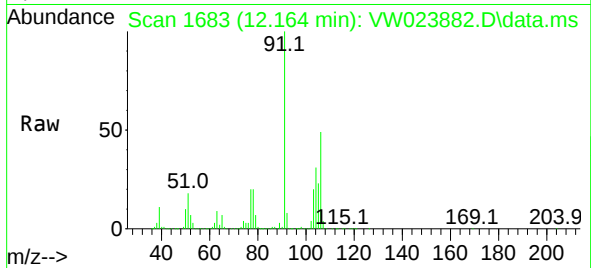




#54
o-Xylene
Concen: 25.337 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

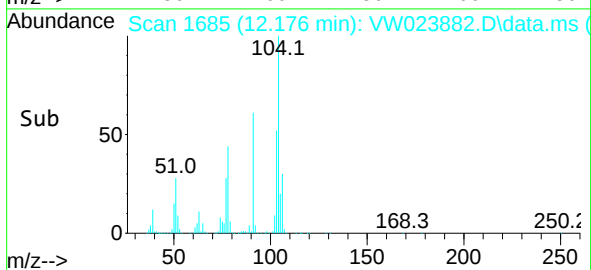
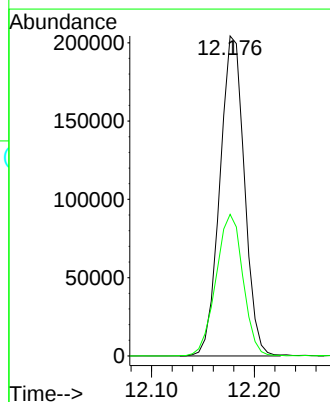
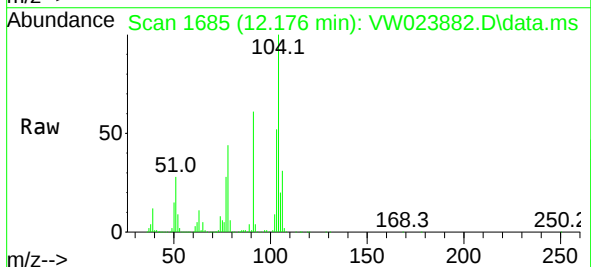
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

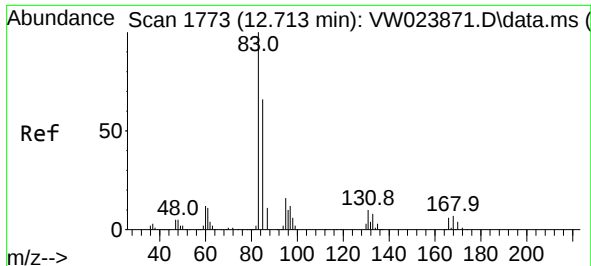
Tgt Ion:106 Resp: 203019
Ion Ratio Lower Upper
106 100
91 202.3 149.6 277.8



#55
Styrene
Concen: 23.909 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion:104 Resp: 338450
Ion Ratio Lower Upper
104 100
78 44.2 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.292 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

H0B25MSD

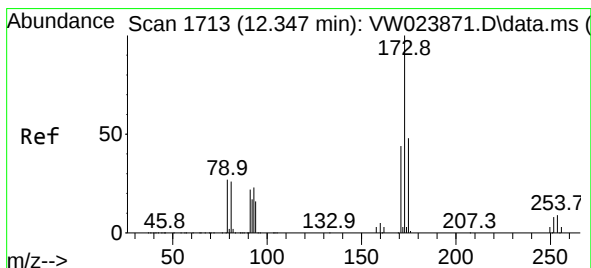
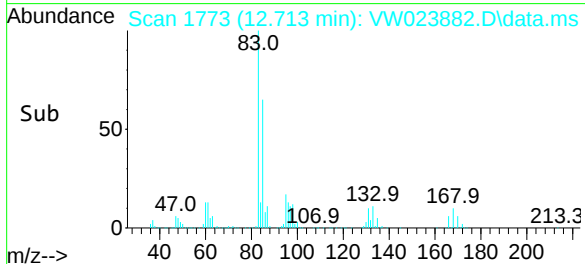
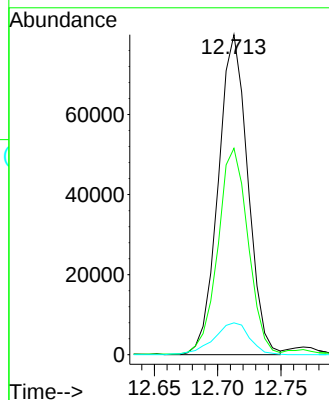
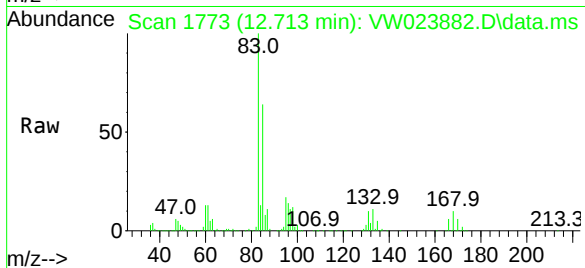
Tgt Ion: 83 Resp: 129728

Ion Ratio Lower Upper

83 100

85 64.5 46.5 86.3

131 9.9 7.4 11.0



#59

Bromoform

Concen: 34.174 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

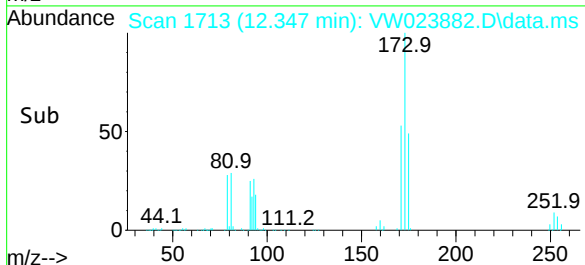
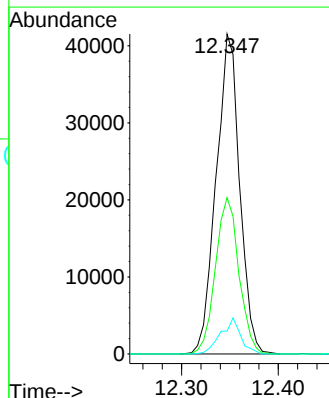
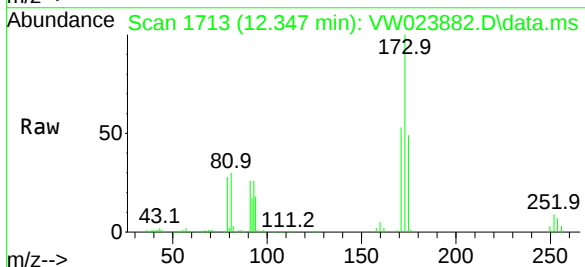
Tgt Ion: 173 Resp: 70019

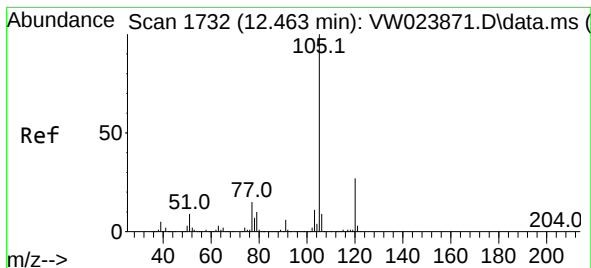
Ion Ratio Lower Upper

173 100

175 48.7 38.9 58.3

254 9.6 5.9 8.9#





#60

Isopropylbenzene

Concen: 27.434 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

H0B25MSD

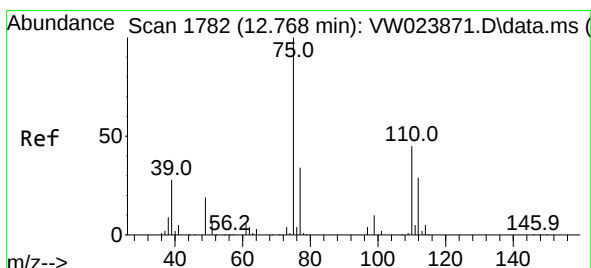
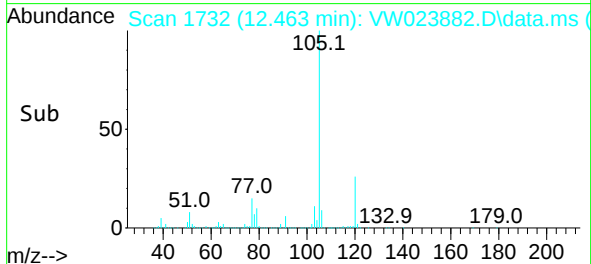
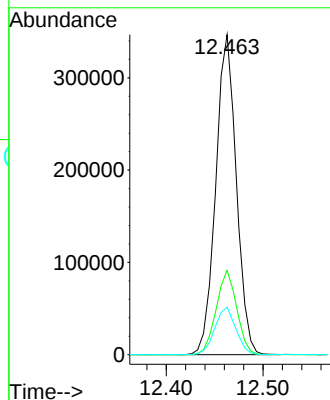
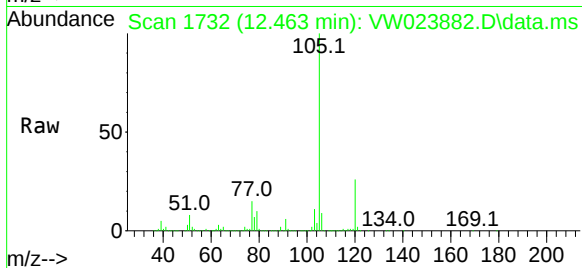
Tgt Ion:105 Resp: 512057

Ion Ratio Lower Upper

105 100

120 26.3 20.7 31.1

77 15.3 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 31.743 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

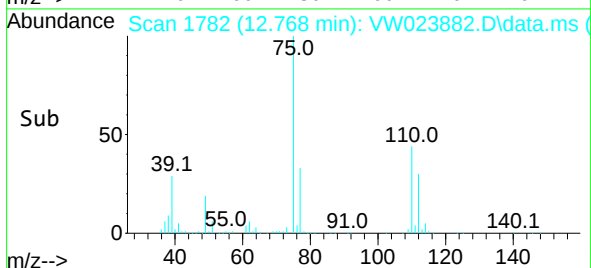
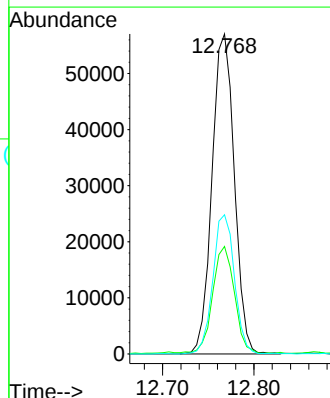
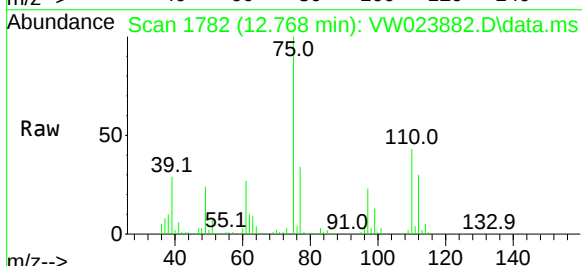
Tgt Ion: 75 Resp: 96715

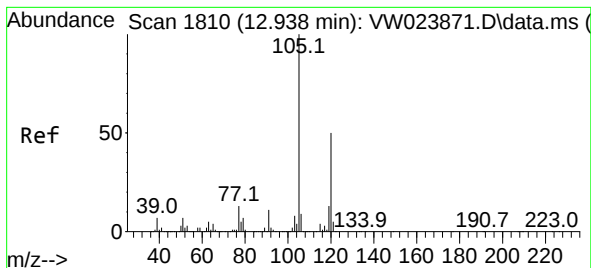
Ion Ratio Lower Upper

75 100

77 33.2 25.0 37.4

110 42.1 31.9 47.9

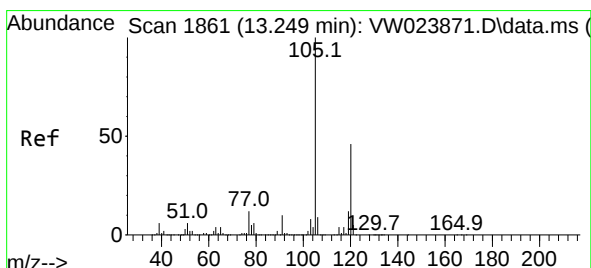
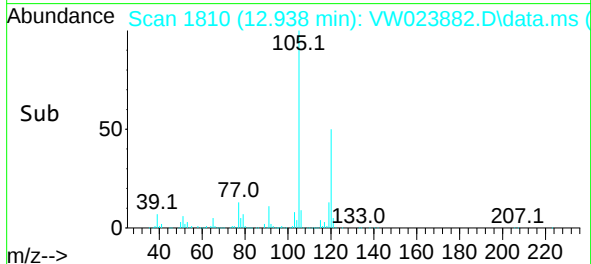
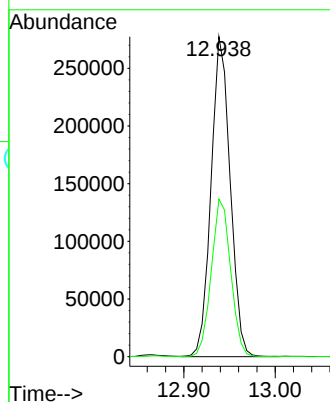
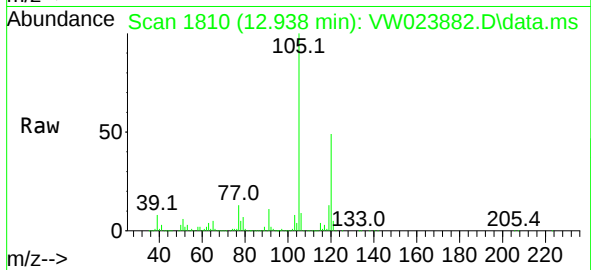




#62
1,3,5-Trimethylbenzene
Concen: 26.371 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

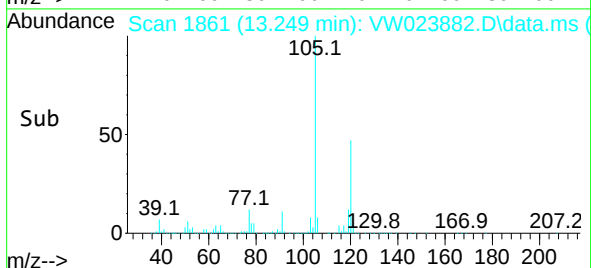
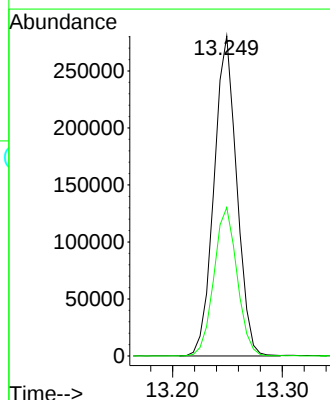
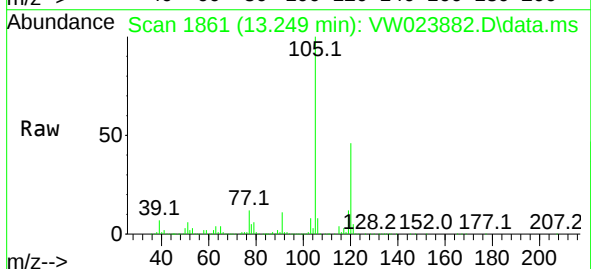
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

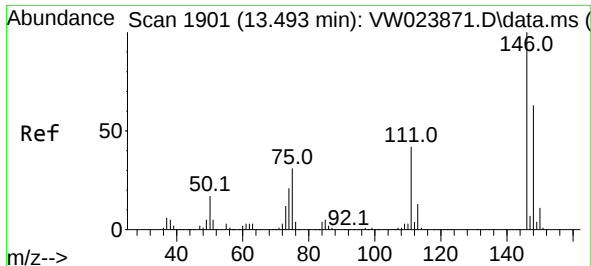
Tgt Ion:105 Resp: 402984
Ion Ratio Lower Upper
105 100
120 49.9 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 26.445 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion:105 Resp: 404038
Ion Ratio Lower Upper
105 100
120 47.2 35.5 53.3

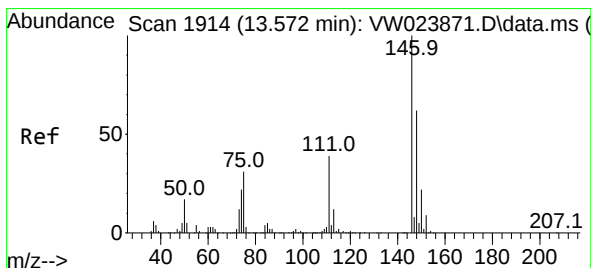
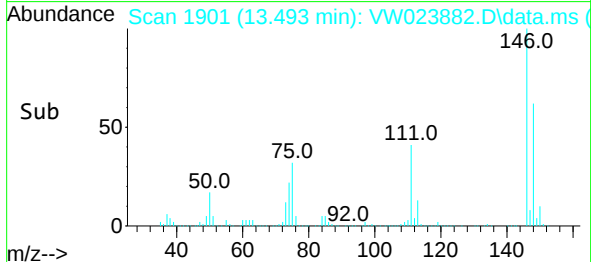
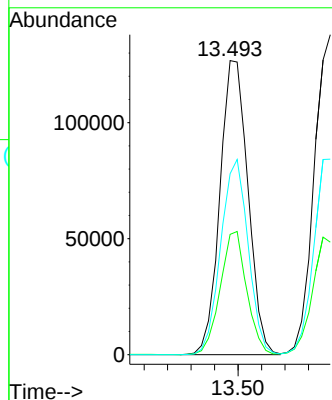
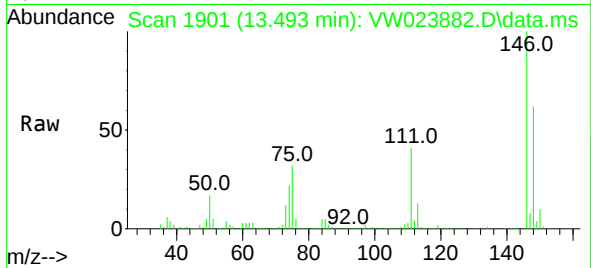




#64
1,3-Dichlorobenzene
Concen: 24.856 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

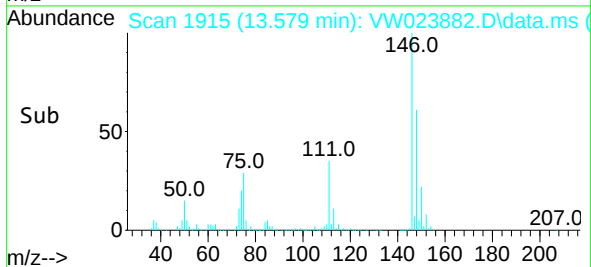
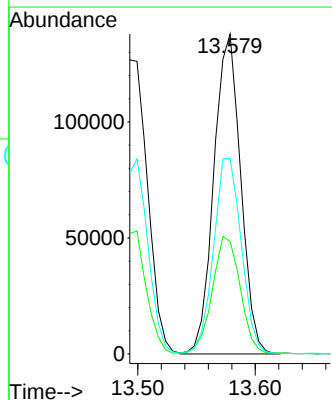
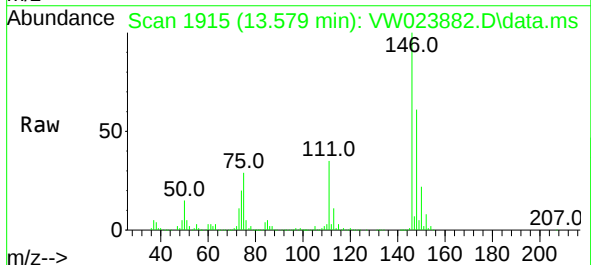
Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

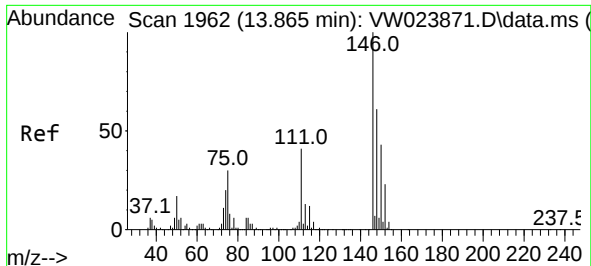
Tgt Ion:146 Resp: 210643
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 61.5 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 24.276 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion:146 Resp: 218875
Ion Ratio Lower Upper
146 100
111 35.2 29.4 54.6
148 61.1 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 25.872 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

Instrument :

MSVOA_W

ClientSampleId :

H0B25MSD

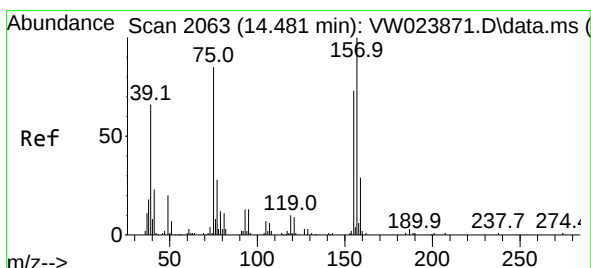
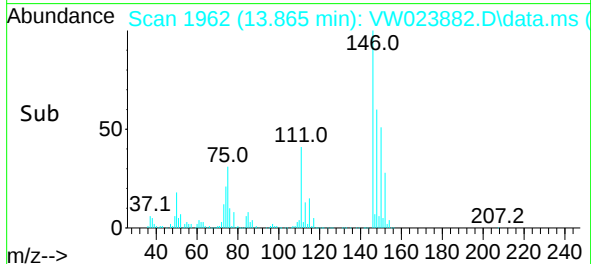
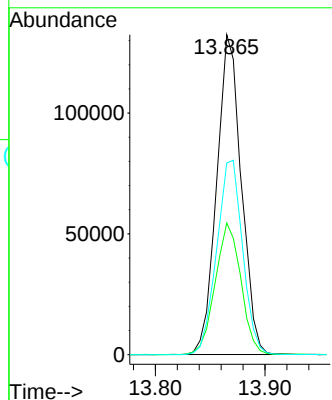
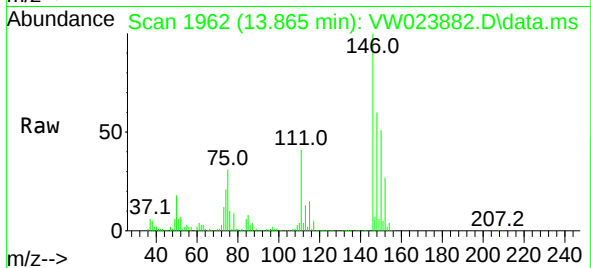
Tgt Ion:146 Resp: 206785

Ion Ratio Lower Upper

146 100

111 41.1 35.9 53.9

148 59.9 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 29.674 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023882.D

Acq: 19 Jul 2022 14:17

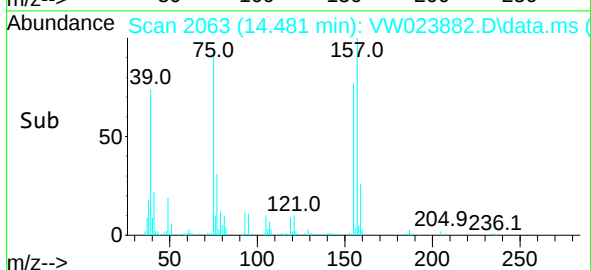
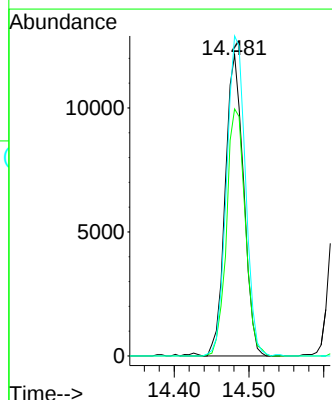
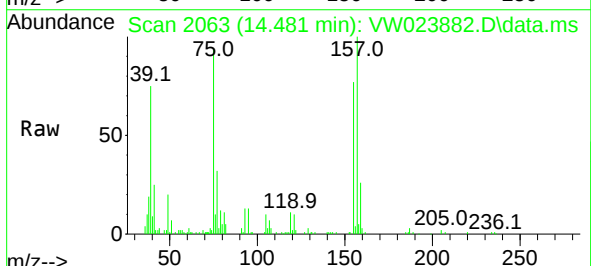
Tgt Ion: 75 Resp: 20853

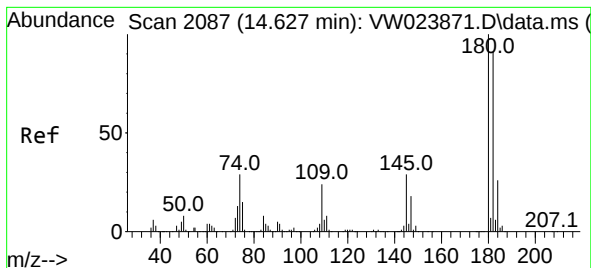
Ion Ratio Lower Upper

75 100

155 82.0 51.7 77.5#

157 106.2 63.5 95.3#

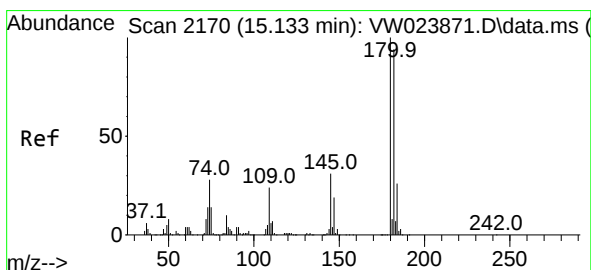
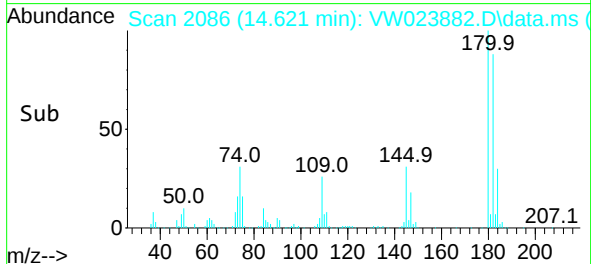
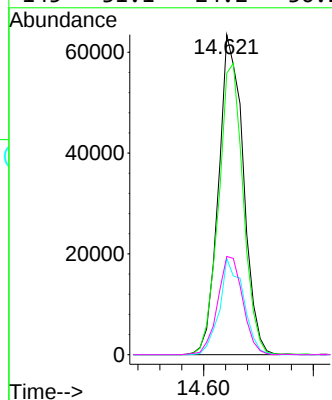
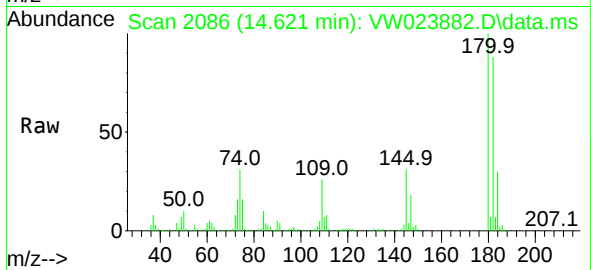




#69
 1,3,5-Trichlorobenzene
 Concen: 17.757 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW023882.D
 Acq: 19 Jul 2022 14:17

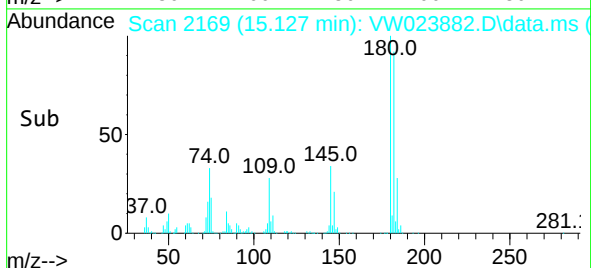
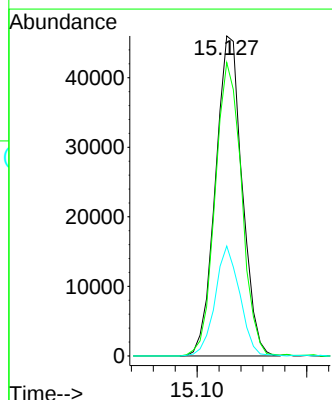
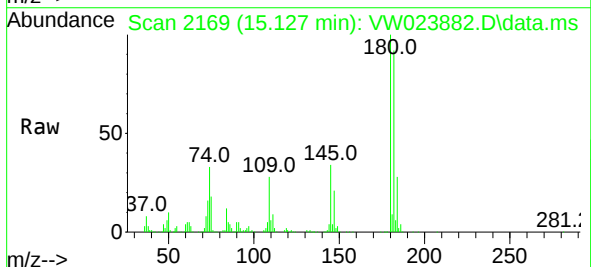
Instrument :
 MSVOA_W
 ClientSampleId :
 H0B25MSD

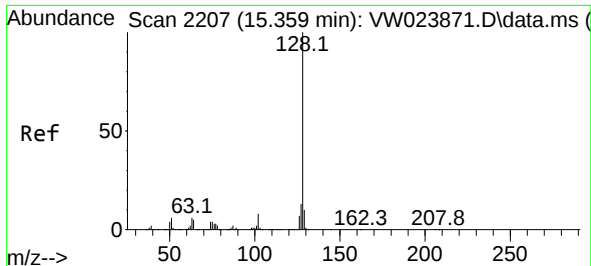
Tgt Ion:180 Resp: 99608
 Ion Ratio Lower Upper
 180 100
 182 90.4 70.2 105.2
 184 28.9 22.6 34.0
 145 31.1 24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 17.972 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW023882.D
 Acq: 19 Jul 2022 14:17

Tgt Ion:180 Resp: 77844
 Ion Ratio Lower Upper
 180 100
 182 90.7 77.5 116.3
 145 31.6 26.3 39.5

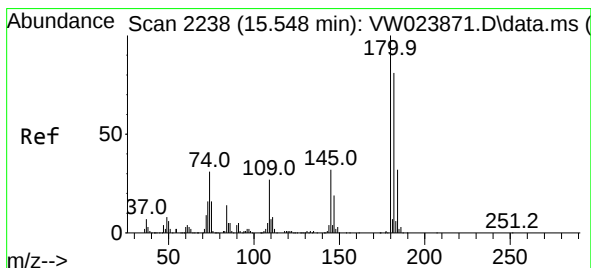
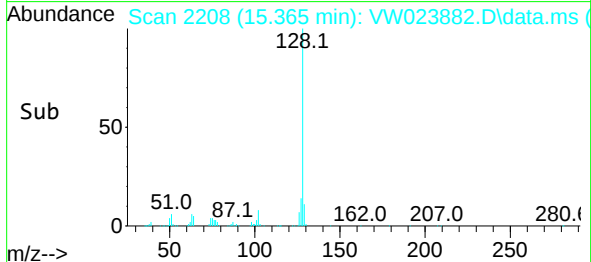
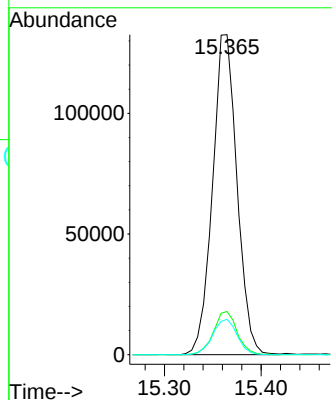
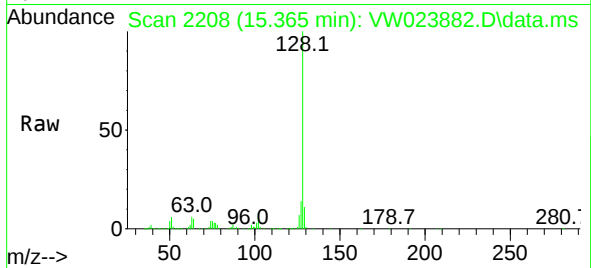




#71
Naphthalene
Concen: 25.101 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Instrument :
MSVOA_W
ClientSampleId :
H0B25MSD

Tgt Ion:128 Resp: 233218
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 11.1 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 16.805 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023882.D
Acq: 19 Jul 2022 14:17

Tgt Ion:180 Resp: 67847
Ion Ratio Lower Upper
180 100
182 98.0 76.3 114.5
145 35.2 27.8 41.6

