

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030422\
 Data File : VW022188.D
 Acq On : 04 Mar 2022 18:27
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 05 03:24:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 05 03:21:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	152331	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	139974	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	54846	27.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.400%
7) Chloroethane-d5	2.885	69	39033	24.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.880%
11) 1,1-Dichloroethene-d2	4.019	63	79512	26.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.520%
21) 2-Butanone-d5	7.074	46	17854	53.445	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.900%
24) Chloroform-d	7.647	84	91983	27.064	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.240%
26) 1,2-Dichloroethane-d4	8.305	65	46910	26.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	8.275	84	180356	27.686	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.760%
36) 1,2-Dichloropropane-d6	9.274	67	48787	26.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.880%
41) Toluene-d8	10.323	98	180062	27.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.200%
43) trans-1,3-Dichloroprop...	10.573	79	21979	27.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.600%
47) 2-Hexanone-d5	10.921	63	15184	51.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	43849	27.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.480%
66) 1,2-Dichlorobenzene-d4	13.847	152	68361	25.970	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10612	24.927	ug/L	91
3) Chloromethane	2.215	50	36119	24.759	ug/L	96
5) Vinyl chloride	2.361	62	51939	23.696	ug/L	95
6) Bromomethane	2.776	94	31717	20.719	ug/L	95
8) Chloroethane	2.922	64	27691	22.489	ug/L	99
9) Trichlorofluoromethane	3.257	101	38740	26.032	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	45759	25.203	ug/L #	76
12) 1,1-Dichloroethene	4.038	96	38881	24.709	ug/L	91
13) Acetone	4.123	43	12492	45.784	ug/L	95
14) Carbon disulfide	4.385	76	82047	20.111	ug/L	97
15) Methyl Acetate	4.672	43	15646	25.472	ug/L	100
16) Methylene chloride	4.915	84	45558	24.365	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	41318	23.906	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	64919	27.608	ug/L	98
19) 1,1-Dichloroethane	6.220	63	73145	26.141	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	48304	25.800	ug/L	96
22) 2-Butanone	7.165	43	21166	54.003	ug/L	96
23) Bromochloromethane	7.513	128	23952	26.188	ug/L	97
25) Chloroform	7.677	83	86903	26.618	ug/L	94

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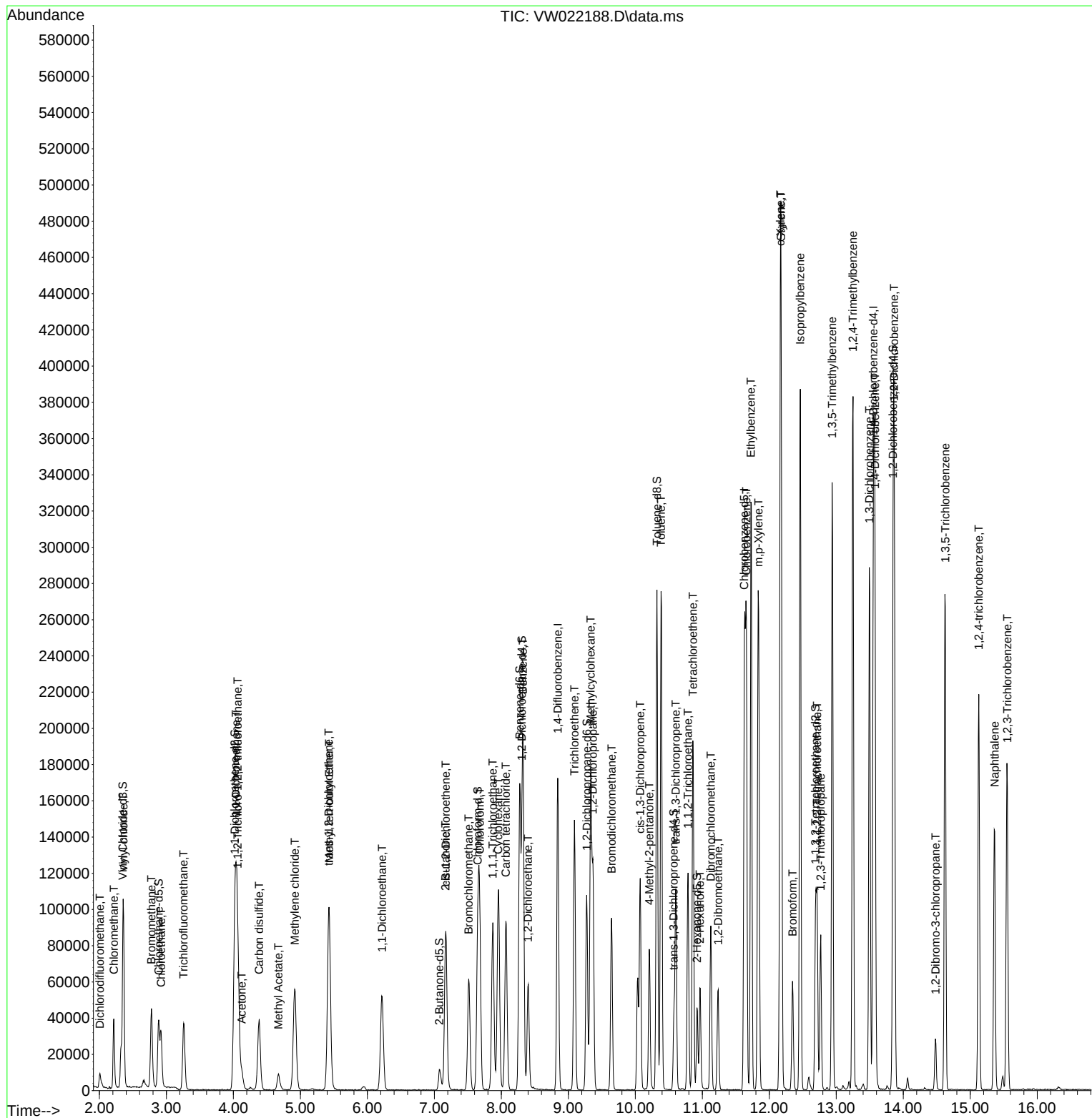
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	52121	25.919	ug/L	100
29) Cyclohexane	7.952	56	59214	25.420	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	75056	26.652	ug/L	99
31) Carbon tetrachloride	8.067	117	72008	26.904	ug/L	99
33) Benzene	8.323	78	175970	26.002	ug/L	100
34) Trichloroethene	9.092	95	48682	25.124	ug/L	96
35) Methylcyclohexane	9.335	83	75329	25.134	ug/L	100
37) 1,2-Dichloropropane	9.366	63	42537	26.943	ug/L	98
38) Bromodichloromethane	9.646	83	61601	27.208	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	66978	27.909	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	46818	54.912	ug/L	98
42) Toluene	10.384	91	203882	26.619	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	61543	28.537	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	37787	26.991	ug/L	92
46) Tetrachloroethene	10.860	164	42995	25.330	ug/L	89
48) 2-Hexanone	10.963	43	33203	56.110	ug/L	95
49) Dibromochloromethane	11.128	129	45759	26.909	ug/L	99
50) 1,2-Dibromoethane	11.238	107	36799	27.252	ug/L #	94
51) Chlorobenzene	11.658	112	144581	27.123	ug/L	95
52) Ethylbenzene	11.725	91	231520	27.312	ug/L	100
53) m,p-Xylene	11.841	106	96218	27.585	ug/L	94
54) o-Xylene	12.164	106	92357	28.141	ug/L	93
55) Styrene	12.176	104	151695	27.571	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	44175	27.195	ug/L	95
59) Bromoform	12.347	173	27405	25.287	ug/L #	99
60) Isopropylbenzene	12.463	105	252373	25.653	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	31922	24.679	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	176463	26.974	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	215683	26.977	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	124525	25.516	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	122853	25.120	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	112004	25.813	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6637	24.272	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	89148	25.450	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	70389	26.558	ug/L	97
71) Naphthalene	15.365	128	129837	27.750	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	62714	27.357	ug/L	95

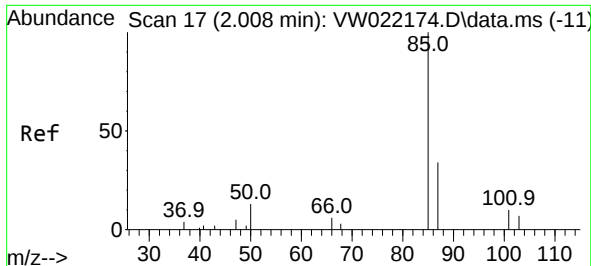
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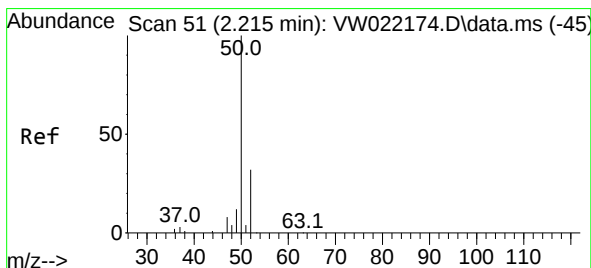
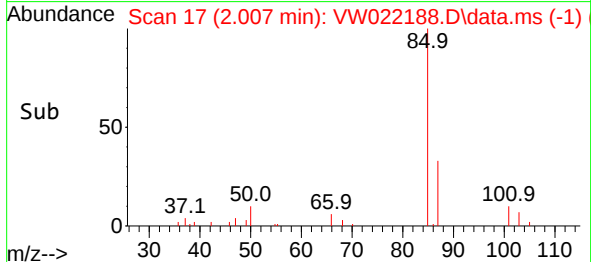
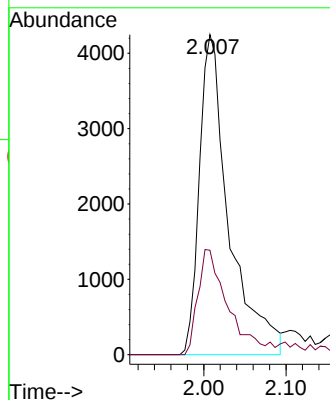
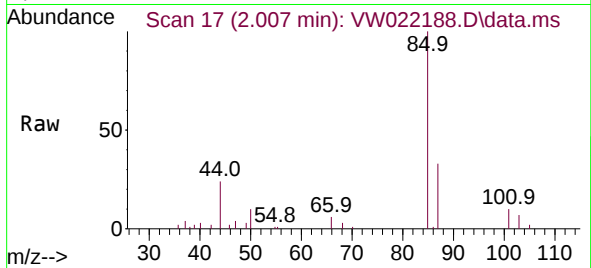




#2
 Dichlorodifluoromethane
 Concen: 24.927 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

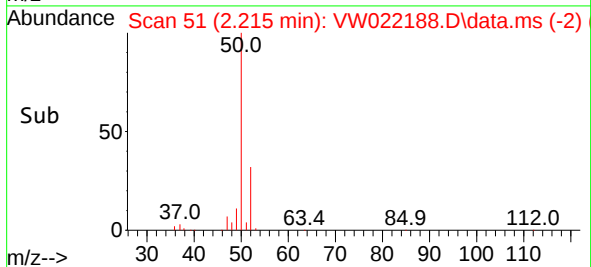
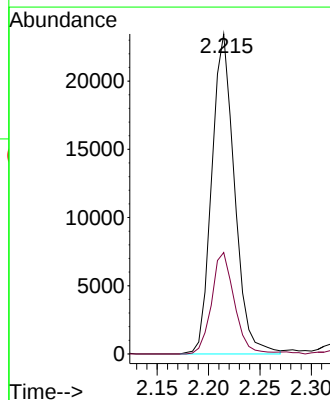
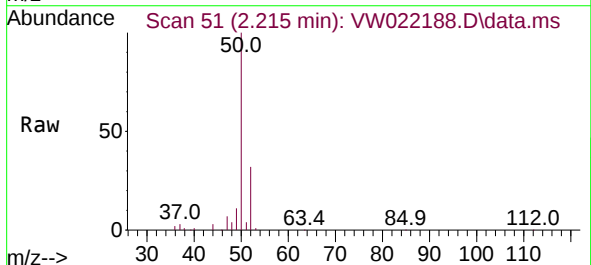
Instrument :
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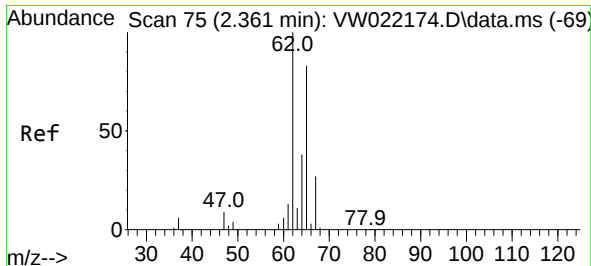
Tgt Ion: 85 Resp: 10612
 Ion Ratio Lower Upper
 85 100
 87 29.5 27.6 41.4



#3
 Chloromethane
 Concen: 24.759 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

Tgt Ion: 50 Resp: 36119
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.9 44.5



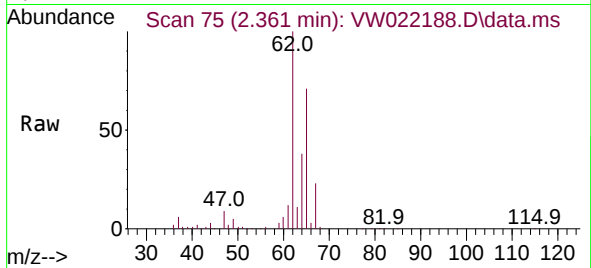


#5
 Vinyl chloride
 Concen: 23.696 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

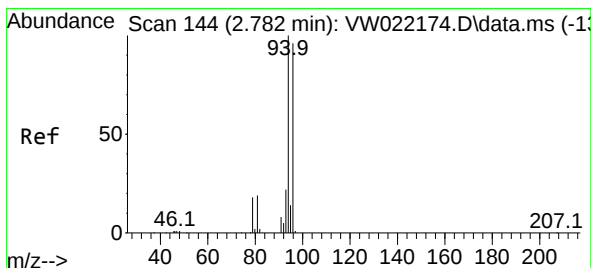
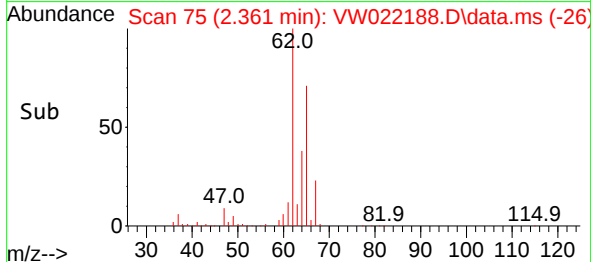
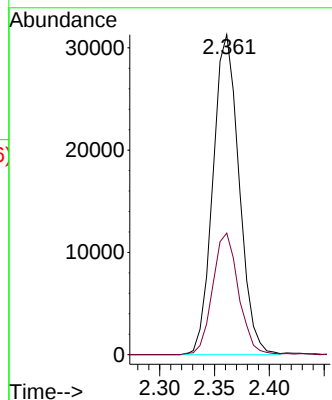
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MSVOA_W

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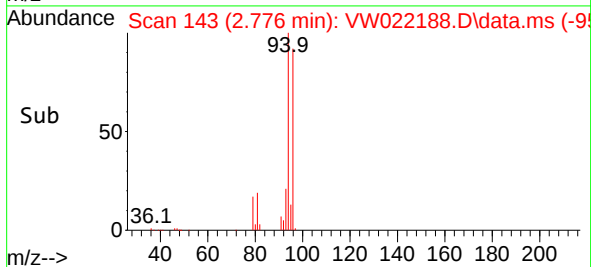
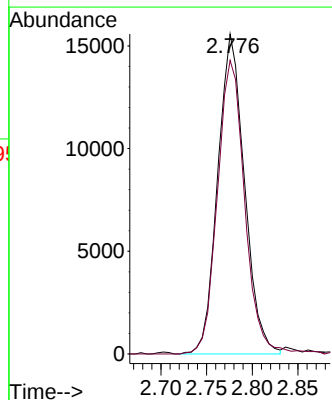
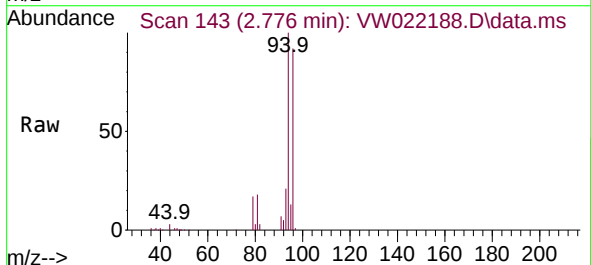


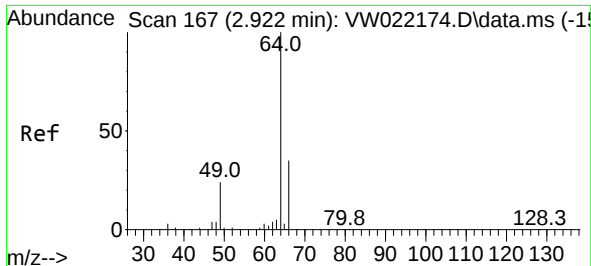
Tgt Ion: 62 Resp: 51939
 Ion Ratio Lower Upper
 62 100
 64 38.0 24.7 45.9



#6
 Bromomethane
 Concen: 20.719 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

Tgt Ion: 94 Resp: 31717
 Ion Ratio Lower Upper
 94 100
 96 91.7 61.2 113.8

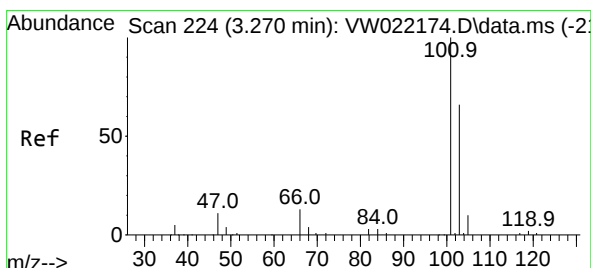
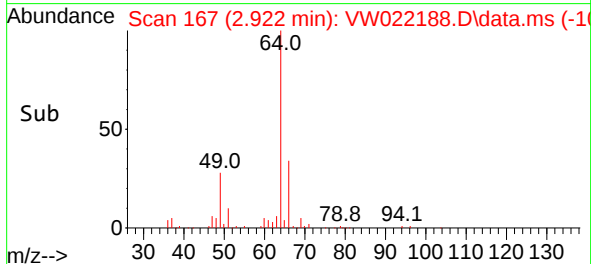
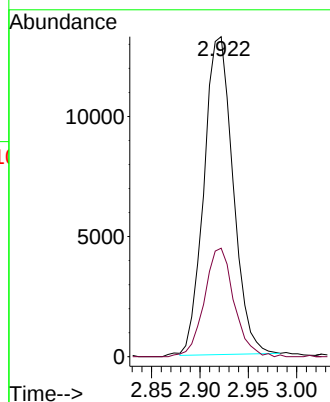
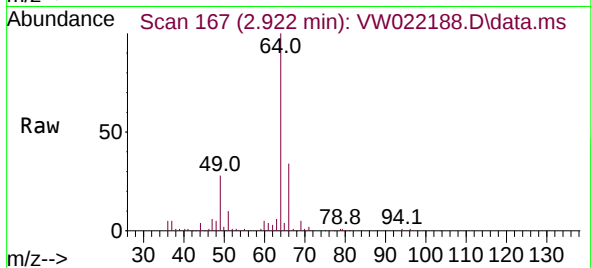




#8
Chloroethane
Concen: 22.489 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

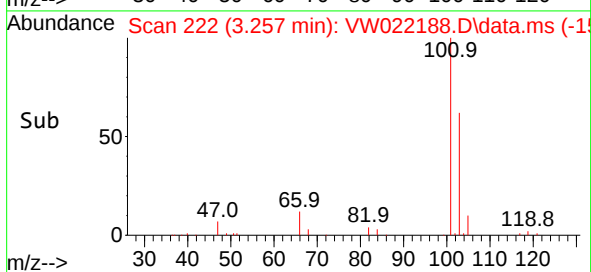
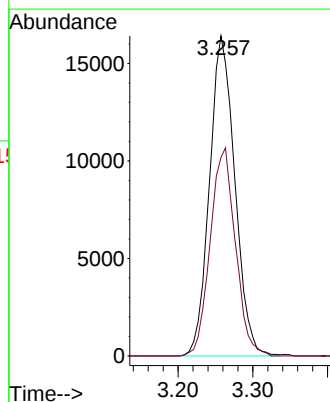
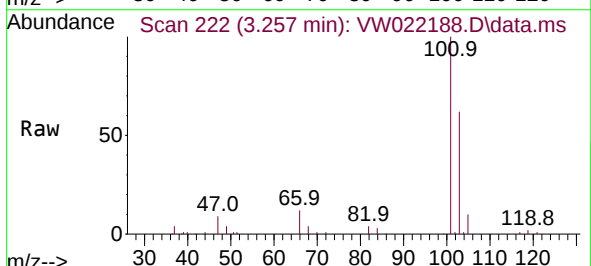
Instrument :
MSVOA_W
ClientSampleId :

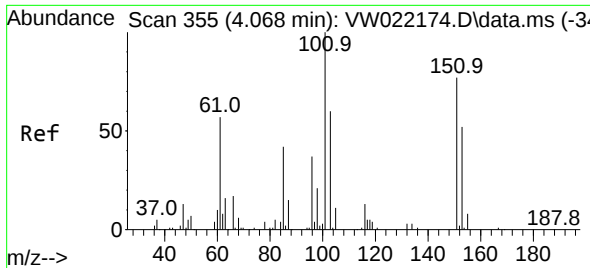
Tgt Ion: 64 Resp: 27691
Ion Ratio Lower Upper
64 100
66 33.9 23.2 43.0



#9
Trichlorofluoromethane
Concen: 26.032 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 101 Resp: 38740
Ion Ratio Lower Upper
101 100
103 64.6 53.2 79.8

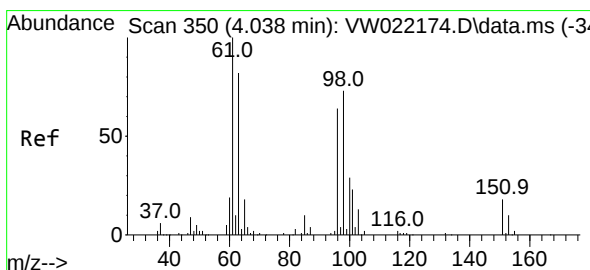
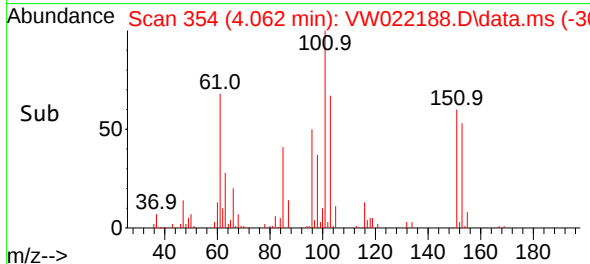
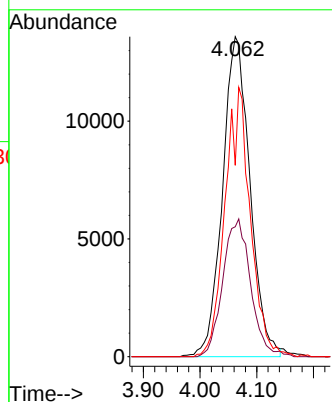
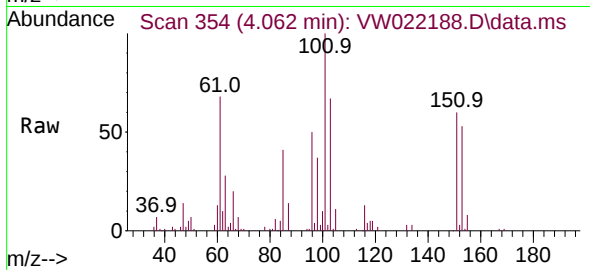




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.203 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

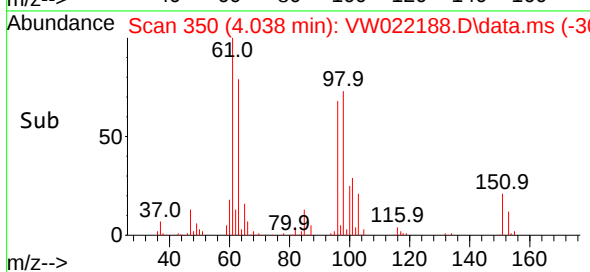
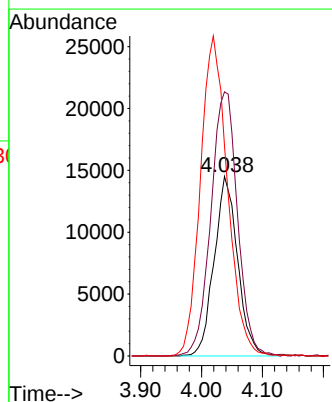
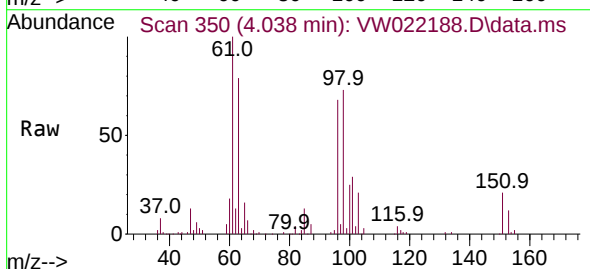
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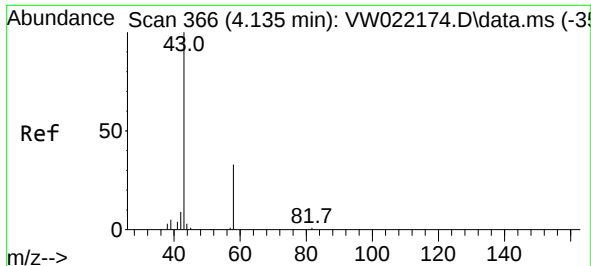
Tgt Ion:101 Resp: 45759
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.4 51.6
 151 41.8 59.0 88.4#



#12
 1,1-Dichloroethene
 Concen: 24.709 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

Tgt Ion: 96 Resp: 38881
 Ion Ratio Lower Upper
 96 100
 61 147.2 108.4 201.2
 63 116.9 72.0 133.6

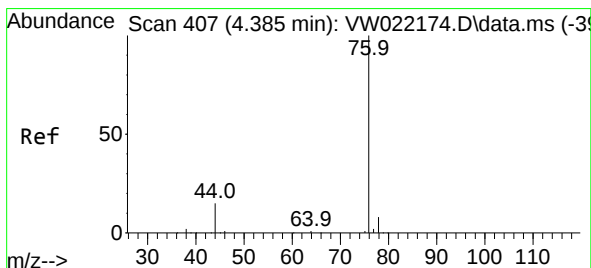
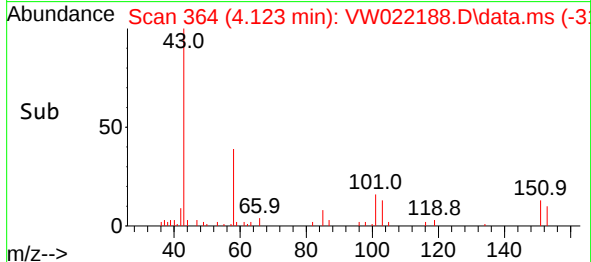
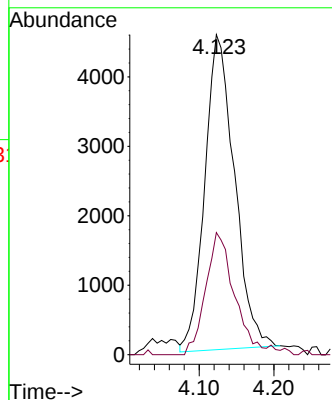
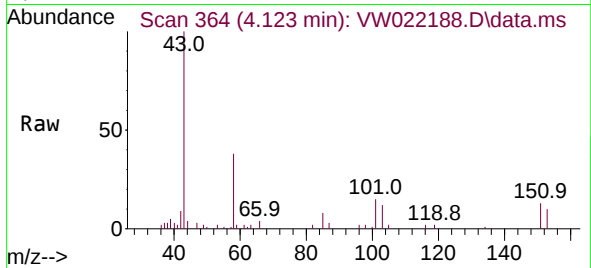




#13
Acetone
Concen: 45.784 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

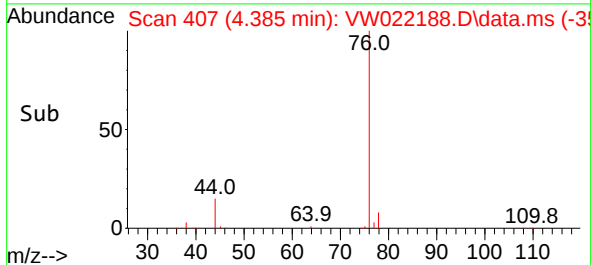
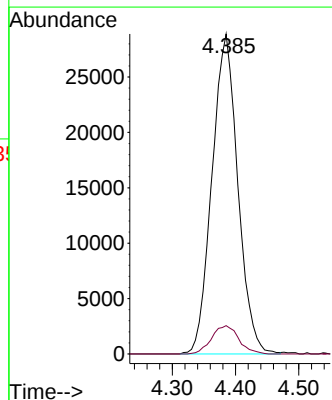
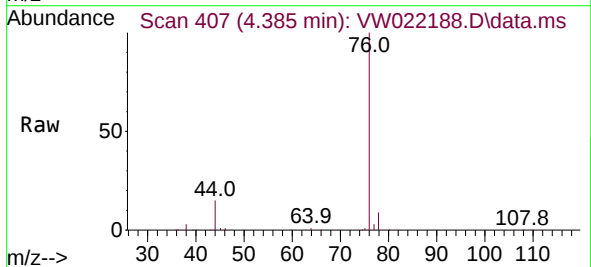
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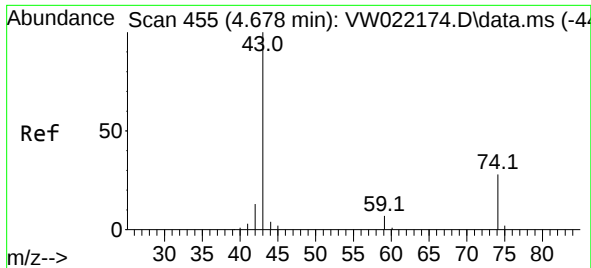
Tgt Ion: 43 Resp: 12492
Ion Ratio Lower Upper
43 100
58 37.4 0.0 69.2



#14
Carbon disulfide
Concen: 20.111 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 82047
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8

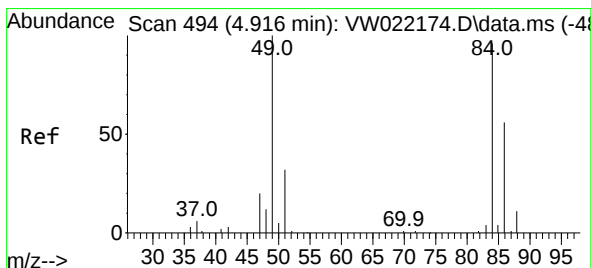
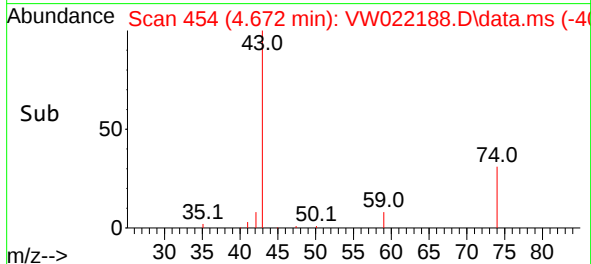
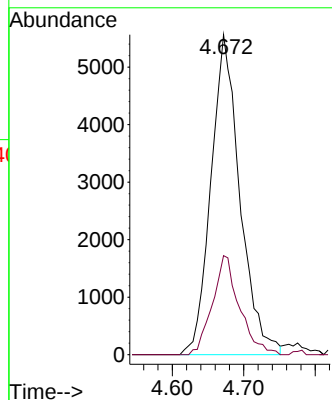
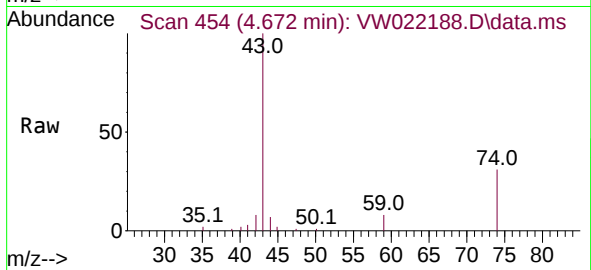




#15
Methyl Acetate
Concen: 25.472 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

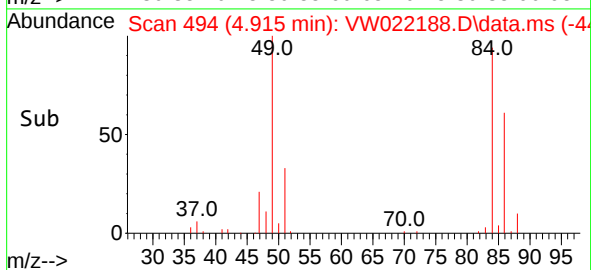
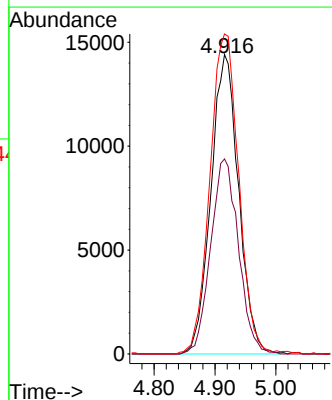
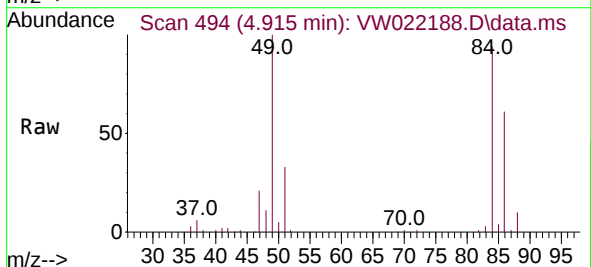
Instrument :
MSVOA_W
ClientSampleId :

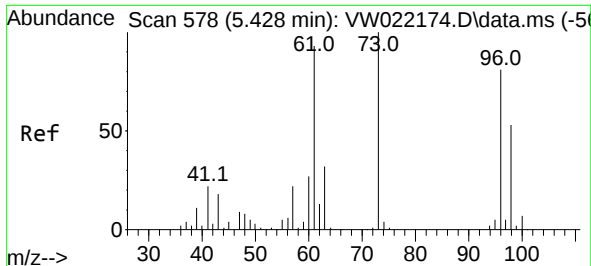
Tgt Ion: 43 Resp: 15646
Ion Ratio Lower Upper
43 100
74 28.7 23.0 34.6



#16
Methylene chloride
Concen: 24.365 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 84 Resp: 45558
Ion Ratio Lower Upper
84 100
86 65.1 45.8 85.0
49 106.8 73.8 137.0





#17

trans-1,2-Dichloroethene

Concen: 23.906 ug/L

RT: 5.422 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

ClientSampleId :

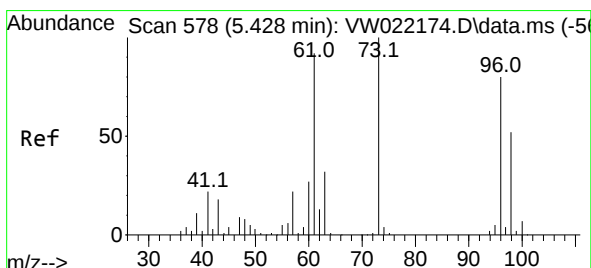
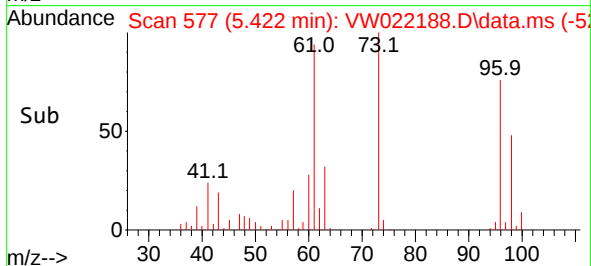
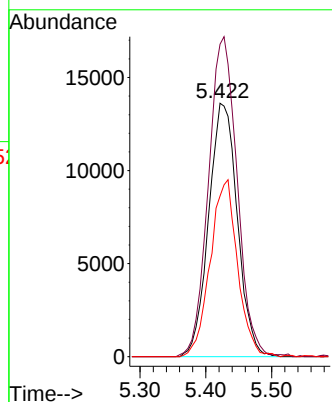
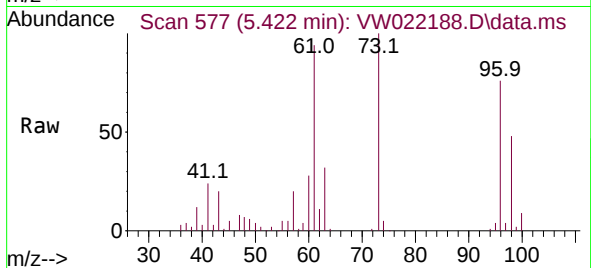
Tgt Ion: 96 Resp: 41318

Ion Ratio Lower Upper

96 100

61 123.4 87.3 162.1

98 63.4 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 27.608 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

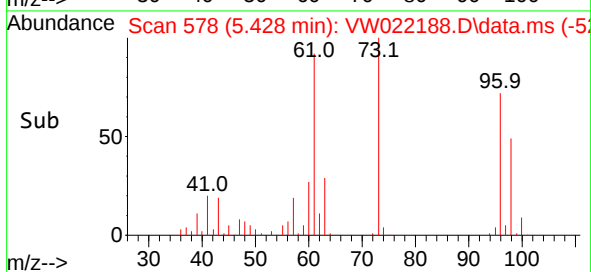
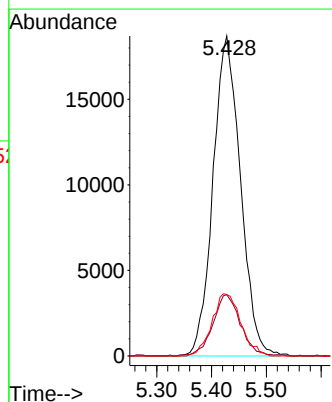
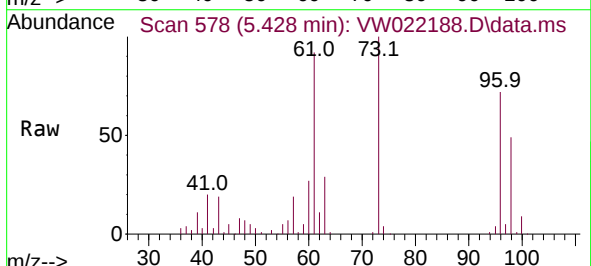
Tgt Ion: 73 Resp: 64919

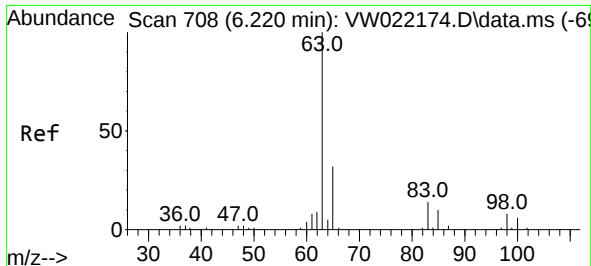
Ion Ratio Lower Upper

73 100

43 18.6 15.4 23.2

57 19.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.141 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW022188.D

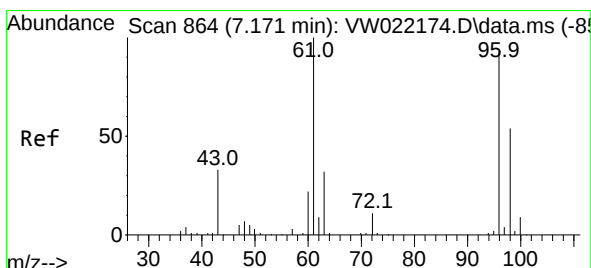
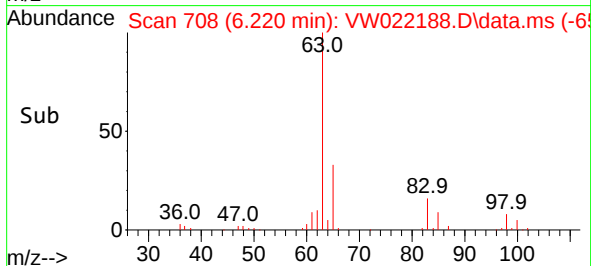
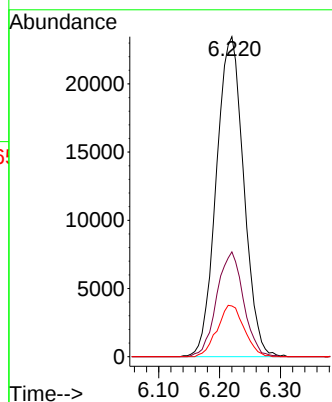
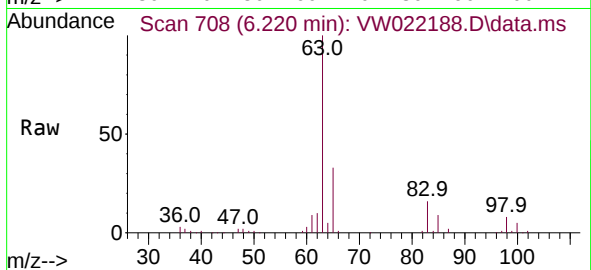
Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 73145
Ion Ratio	Lower Upper
63 100	
65 32.7	22.5 41.9
83 15.8	11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 25.800 ug/L

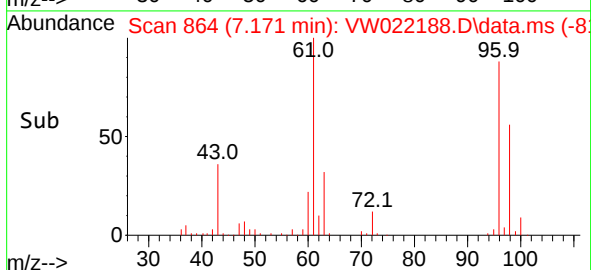
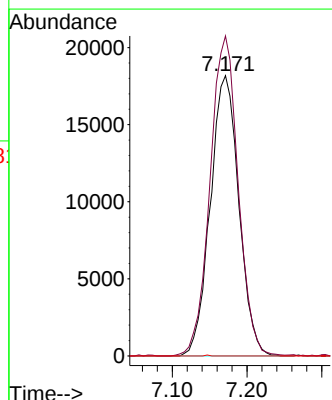
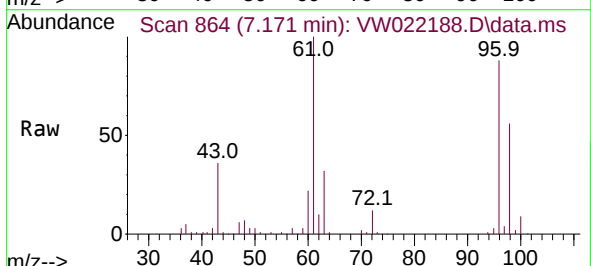
RT: 7.171 min Scan# 864

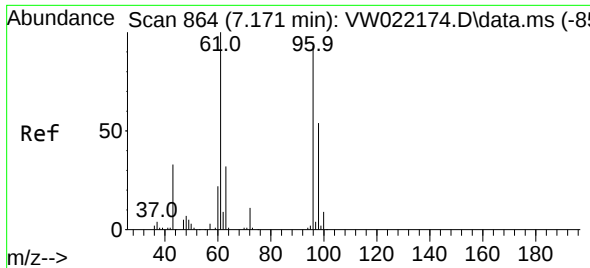
Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Tgt Ion: 96	Resp: 48304
Ion Ratio	Lower Upper
96 100	
61 114.1	76.8 142.6
68 0.0	0.0 0.0

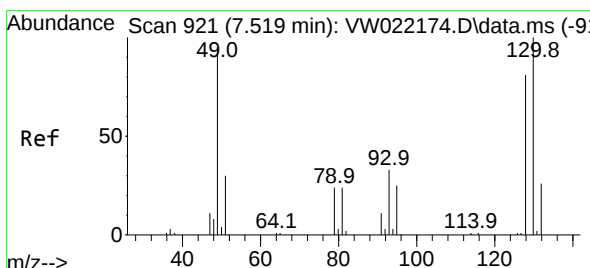
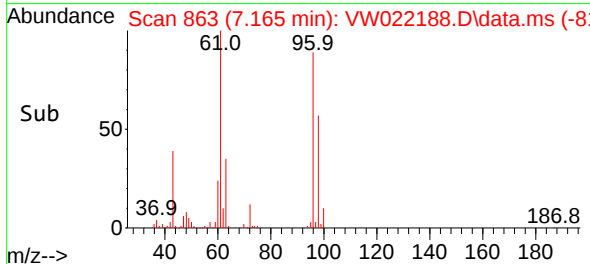
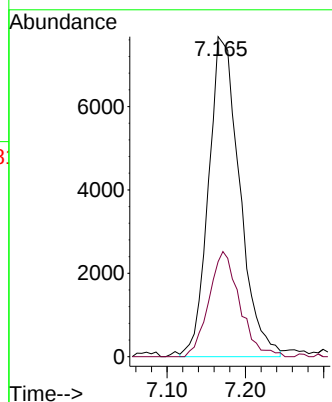
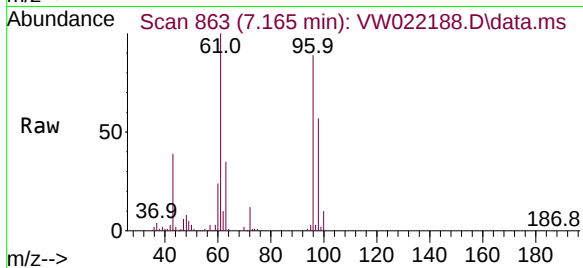




#22
2-Butanone
Concen: 54.003 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

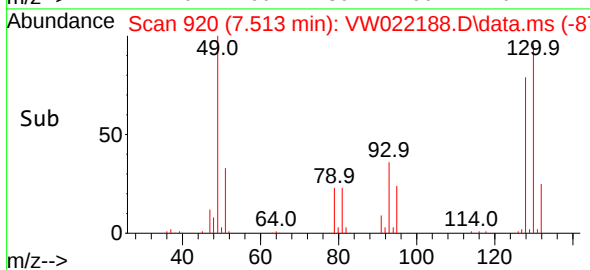
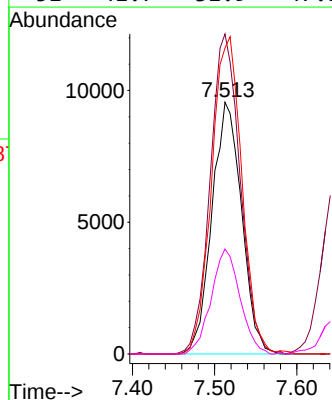
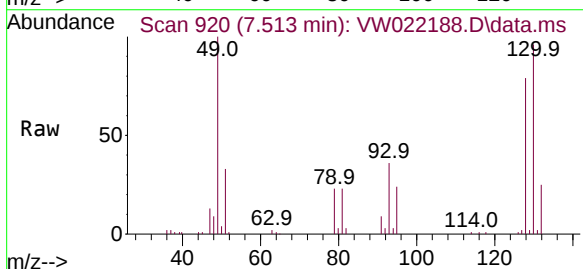
Instrument :
MSVOA_W
ClientSampleId :

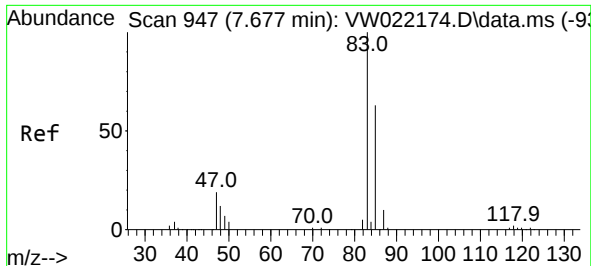
Tgt Ion: 43 Resp: 21166
Ion Ratio Lower Upper
43 100
72 32.0 17.0 51.0



#23
Bromochloromethane
Concen: 26.188 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 128 Resp: 23952
Ion Ratio Lower Upper
128 100
49 127.1 84.2 156.4
130 121.5 84.8 157.4
51 41.7 31.9 47.9





#25

Chloroform

Concen: 26.618 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

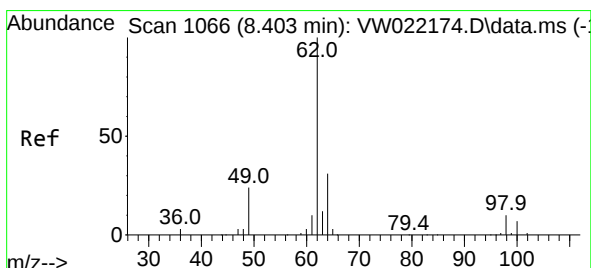
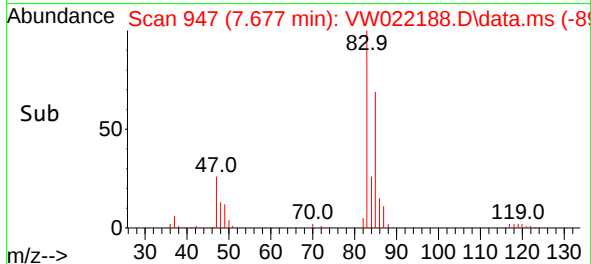
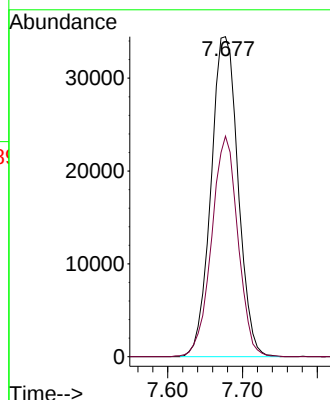
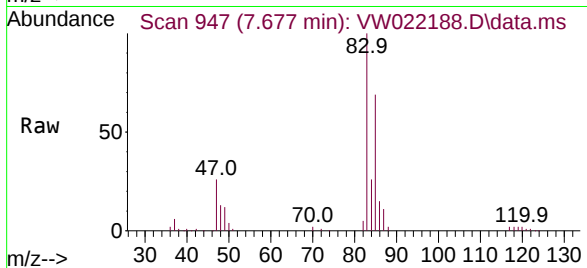
ClientSampleId :

Tgt Ion: 83 Resp: 86903

Ion Ratio Lower Upper

83 100

85 68.9 45.1 83.9



#27

1,2-Dichloroethane

Concen: 25.919 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW022188.D

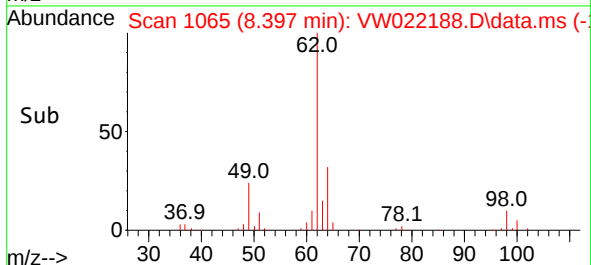
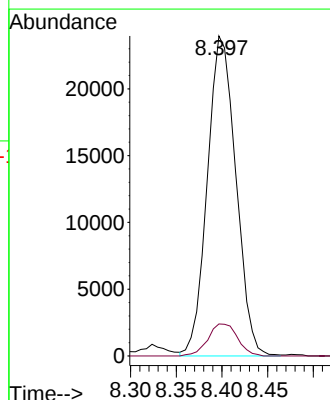
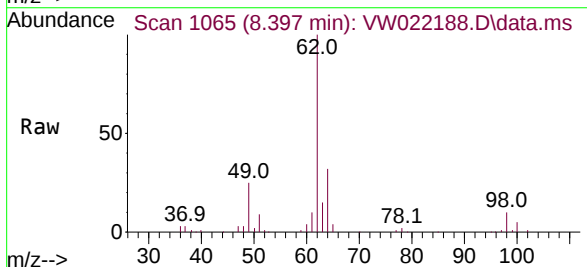
Acq: 04 Mar 2022 18:27

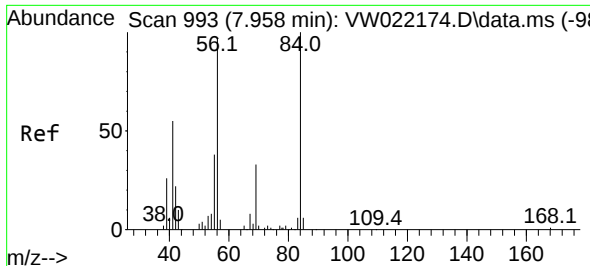
Tgt Ion: 62 Resp: 52121

Ion Ratio Lower Upper

62 100

98 10.0 7.9 11.9





#29

Cyclohexane

Concen: 25.420 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

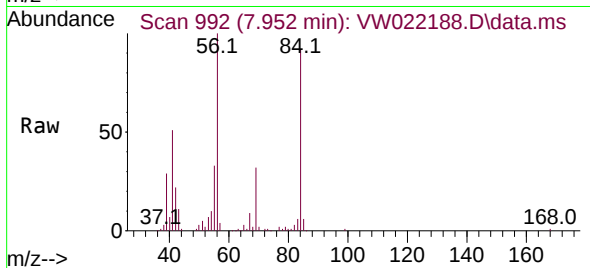
Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

ClientSampleId :



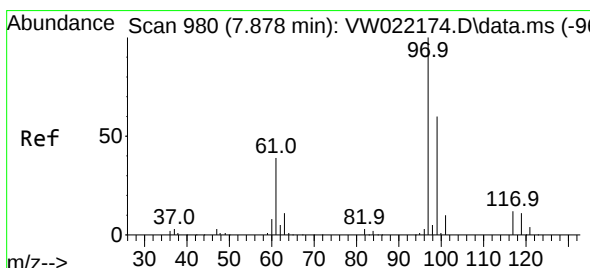
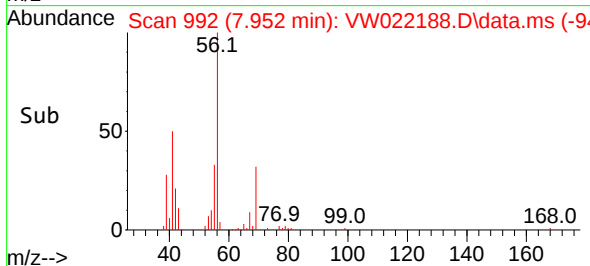
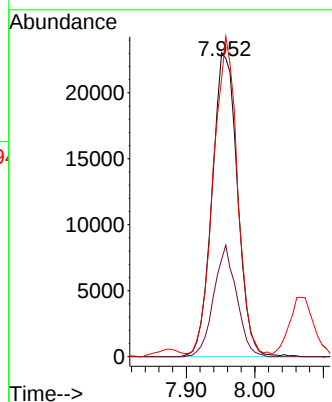
Tgt Ion: 56 Resp: 59214

Ion Ratio Lower Upper

56 100

69 33.0 26.3 39.5

84 100.7 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 26.652 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

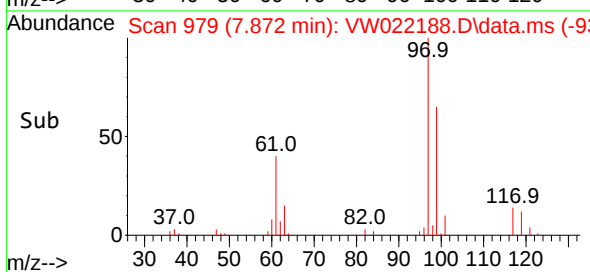
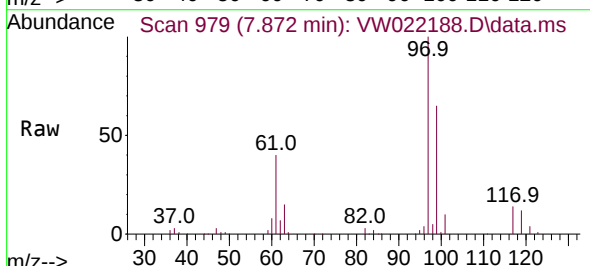
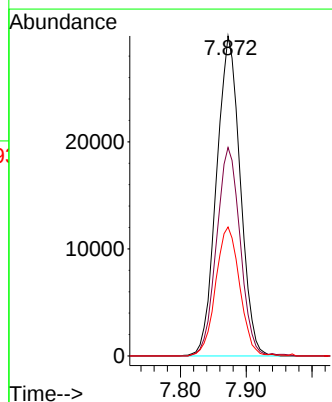
Tgt Ion: 97 Resp: 75056

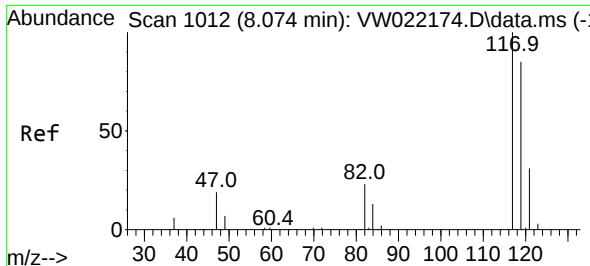
Ion Ratio Lower Upper

97 100

99 64.8 52.6 78.8

61 40.8 33.0 49.6

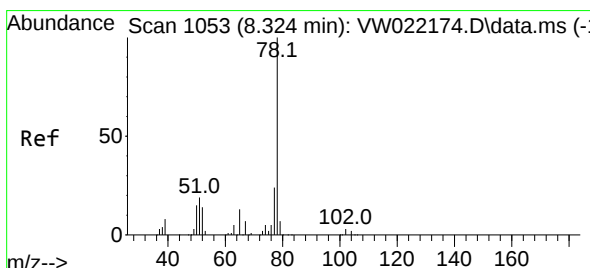
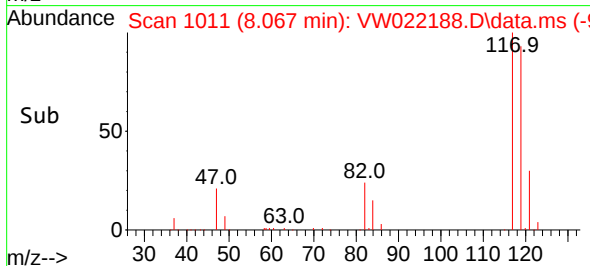
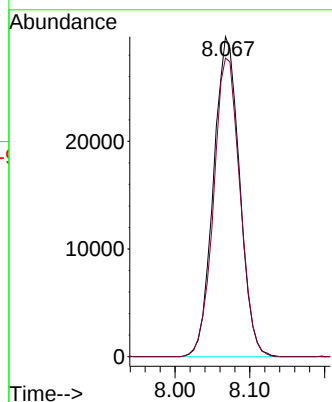
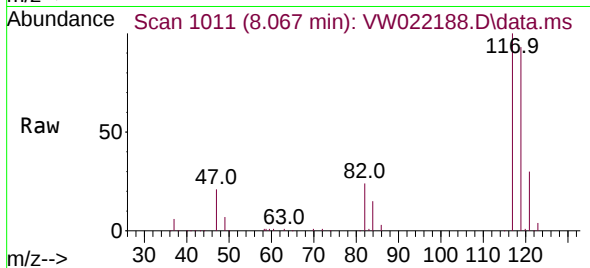




#31
Carbon tetrachloride
Concen: 26.904 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

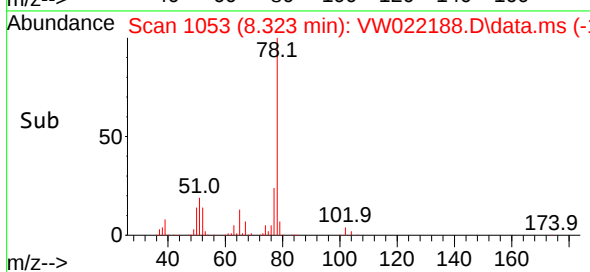
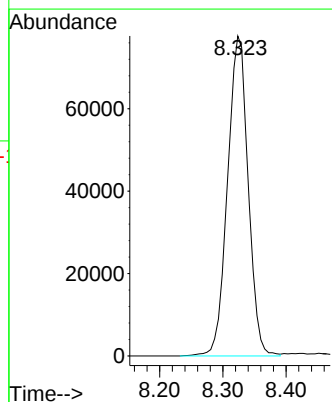
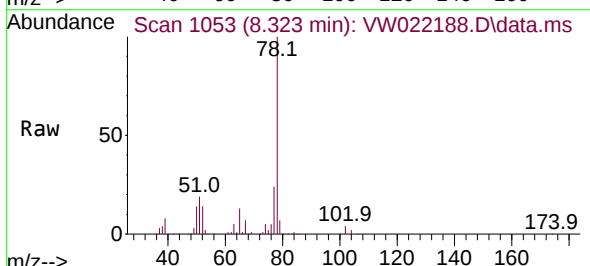
Instrument :
MSVOA_W
ClientSampleId :

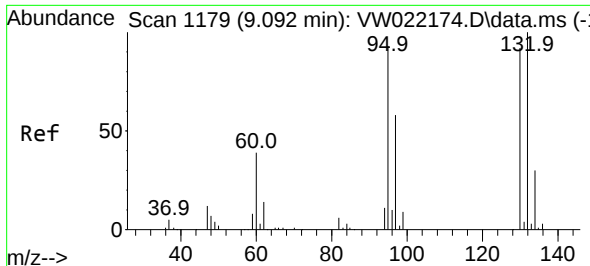
Tgt Ion:117 Resp: 72008
Ion Ratio Lower Upper
117 100
119 94.5 76.7 115.1



#33
Benzene
Concen: 26.002 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 78 Resp: 175970

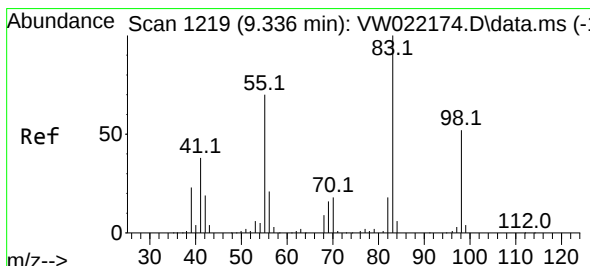
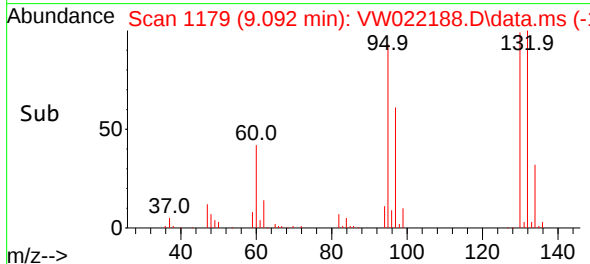
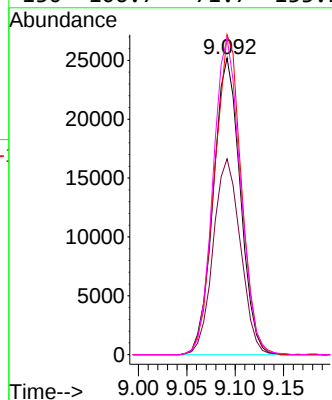
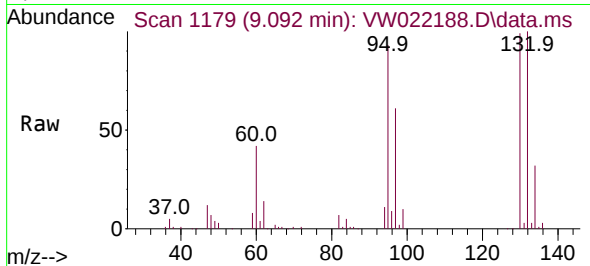




#34
Trichloroethene
Concen: 25.124 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

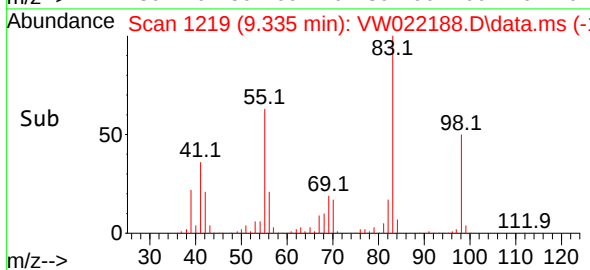
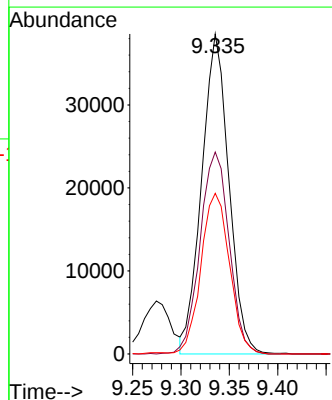
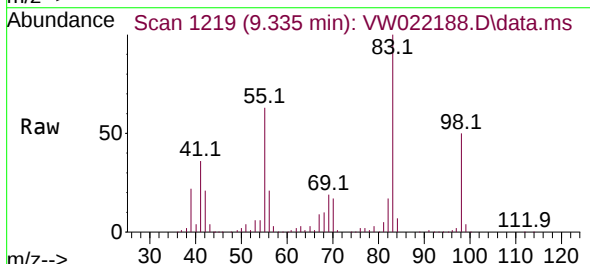
Instrument :
MSVOA_W
ClientSampleId :

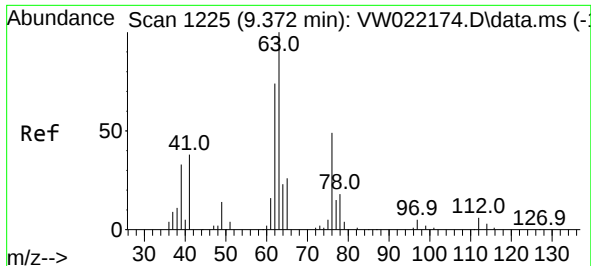
Tgt Ion: 95 Resp: 48682
Ion Ratio Lower Upper
95 100
97 66.0 44.4 82.4
132 107.9 71.7 133.1
130 106.7 71.7 133.1



#35
Methylcyclohexane
Concen: 25.134 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 83 Resp: 75329
Ion Ratio Lower Upper
83 100
55 67.5 53.8 80.8
98 52.9 42.1 63.1





#37

1,2-Dichloropropane

Concen: 26.943 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

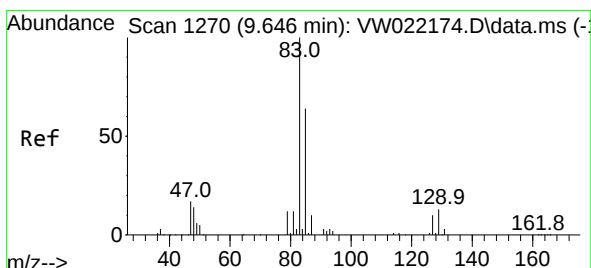
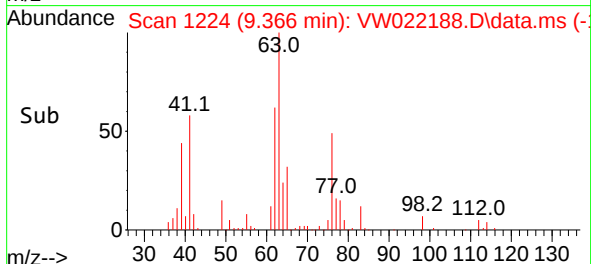
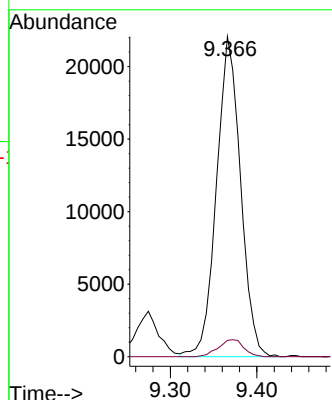
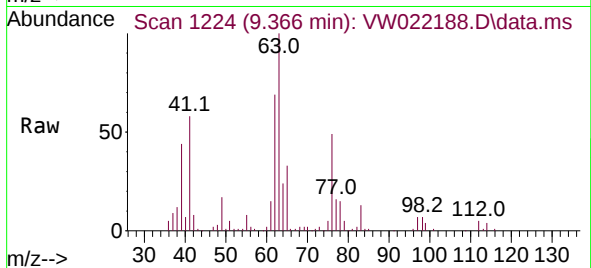
ClientSampleId :

Tgt Ion: 63 Resp: 42537

Ion Ratio Lower Upper

63 100

112 5.6 4.1 6.1



#38

Bromodichloromethane

Concen: 27.208 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

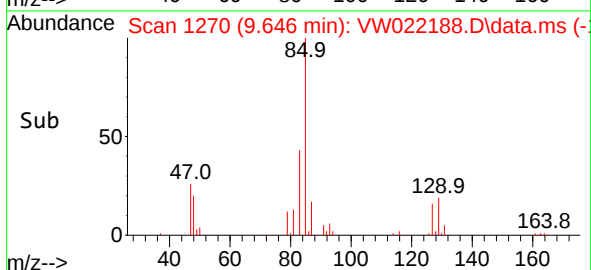
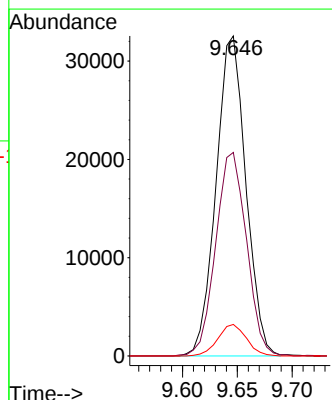
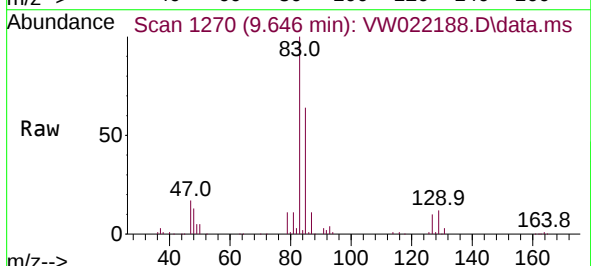
Tgt Ion: 83 Resp: 61601

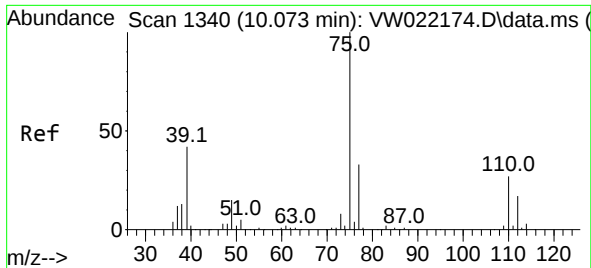
Ion Ratio Lower Upper

83 100

85 63.6 47.9 89.1

127 9.8 7.5 11.3

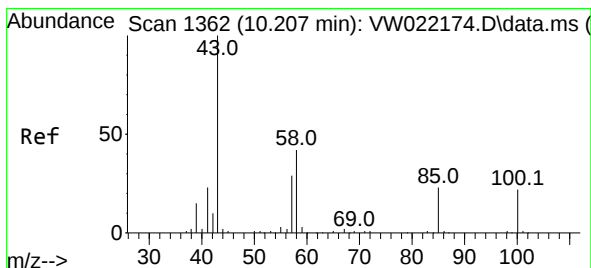
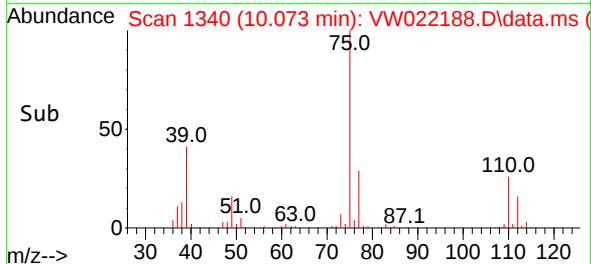
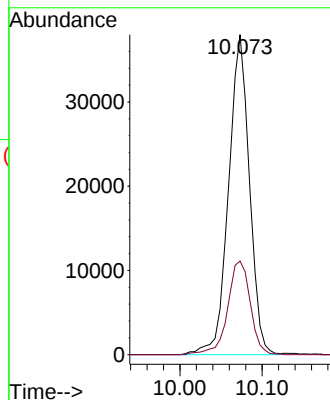
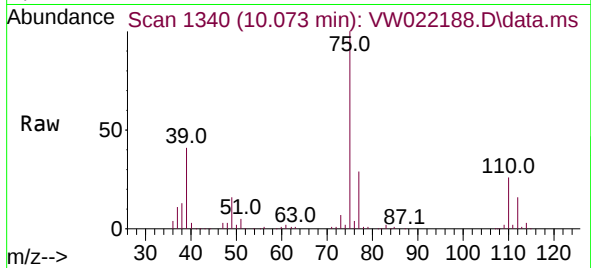




#39
 cis-1,3-Dichloropropene
 Concen: 27.909 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

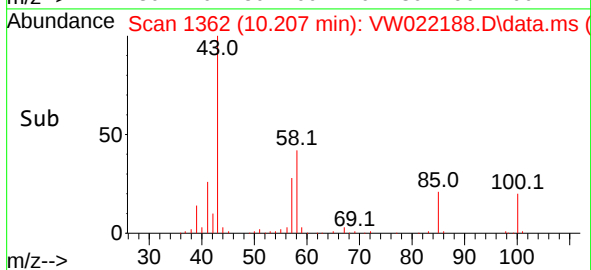
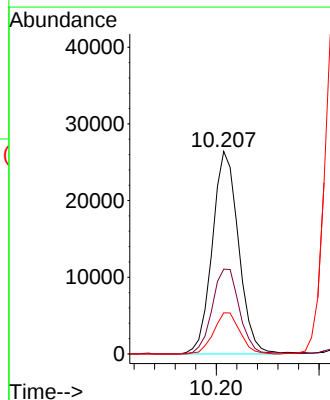
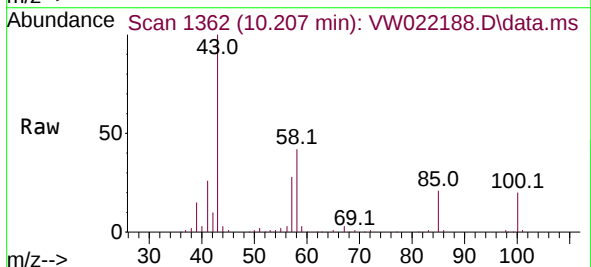
Instrument :
 MSVOA_W
 ClientSampleId :

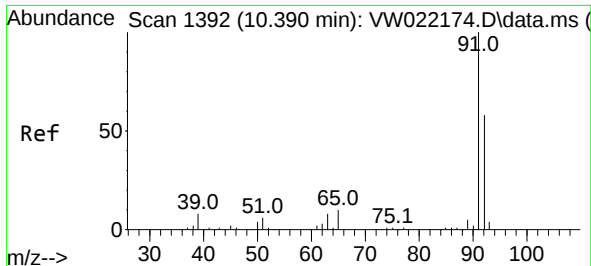
Tgt Ion: 75 Resp: 66978
 Ion Ratio Lower Upper
 75 100
 77 29.2 20.6 38.2



#40
 4-Methyl-2-pentanone
 Concen: 54.912 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

Tgt Ion: 43 Resp: 46818
 Ion Ratio Lower Upper
 43 100
 58 43.5 33.2 49.8
 100 20.3 16.1 24.1

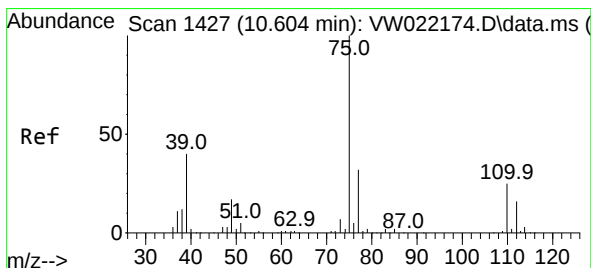
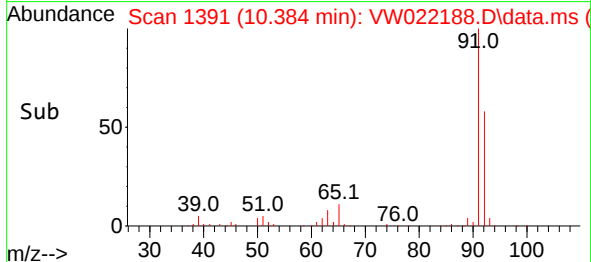
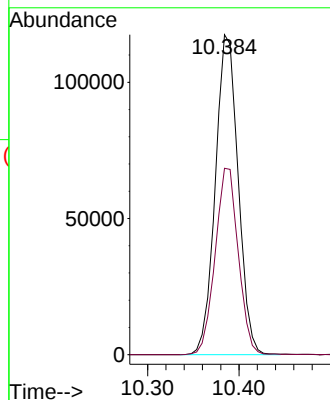
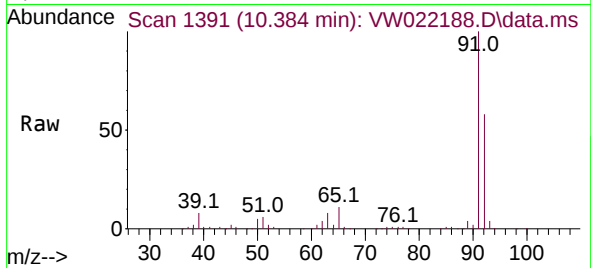




#42
Toluene
Concen: 26.619 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

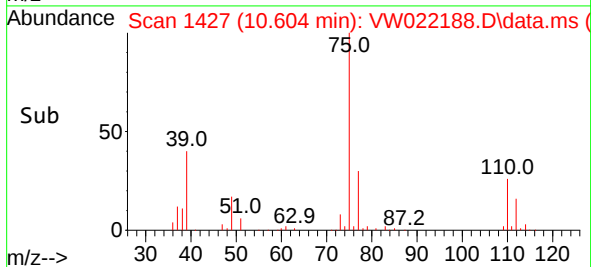
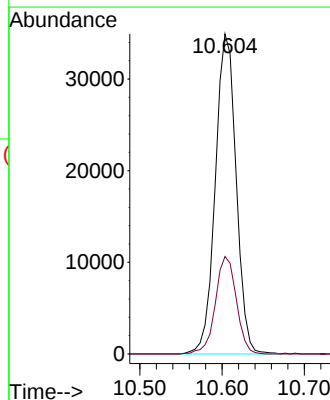
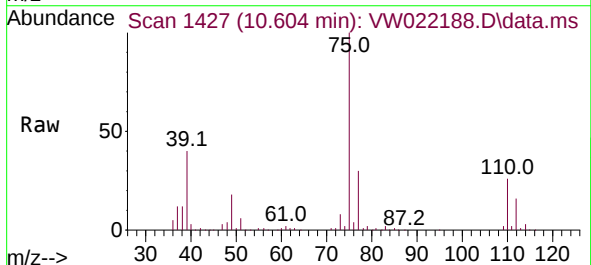
Instrument :
MSVOA_W
ClientSampleId :

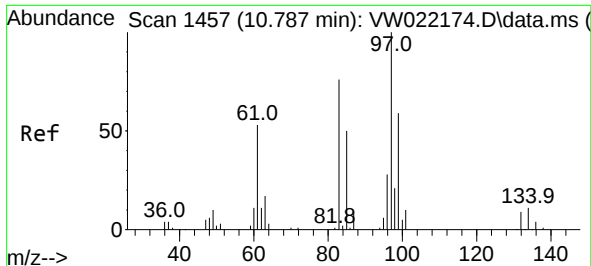
Tgt Ion: 91 Resp: 203882
Ion Ratio Lower Upper
91 100
92 58.2 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 28.537 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 75 Resp: 61543
Ion Ratio Lower Upper
75 100
77 30.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.991 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

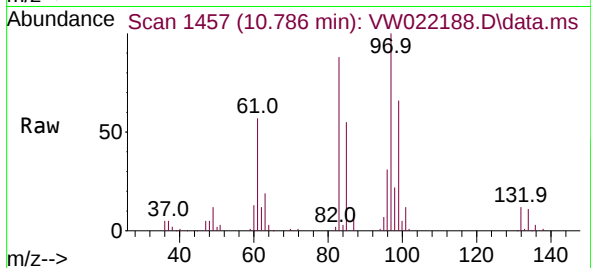
Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 37787

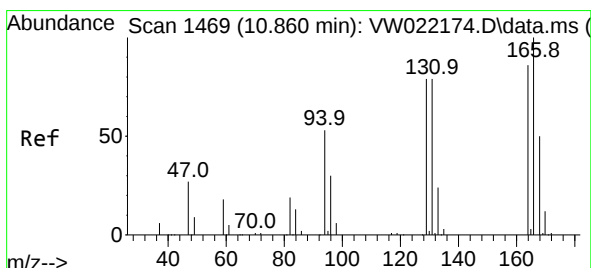
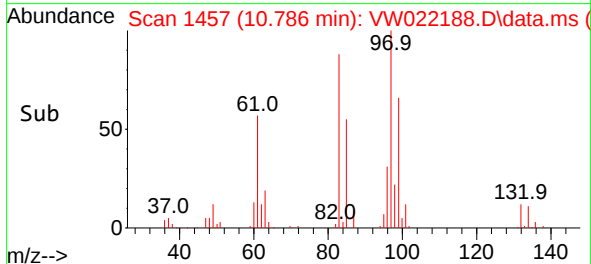
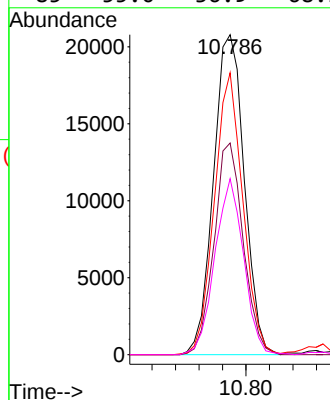
Ion Ratio Lower Upper

97 100

99 66.2 43.5 80.7

83 88.1 53.5 99.3

85 55.0 36.9 68.5



#46

Tetrachloroethene

Concen: 25.330 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Tgt Ion:164 Resp: 42995

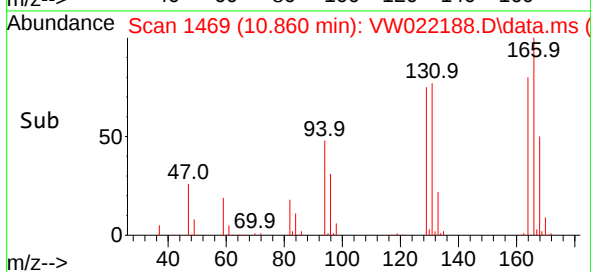
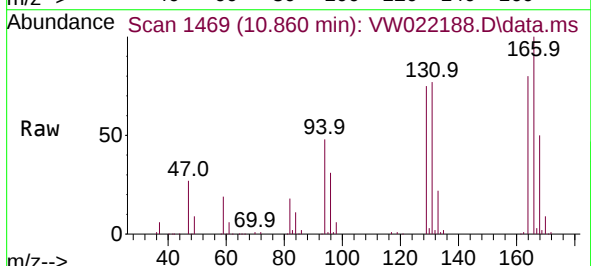
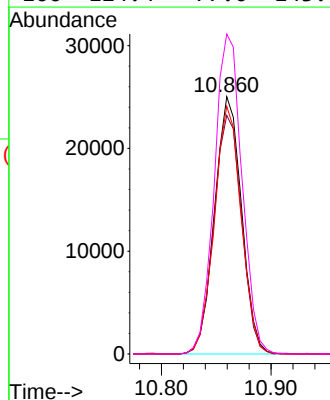
Ion Ratio Lower Upper

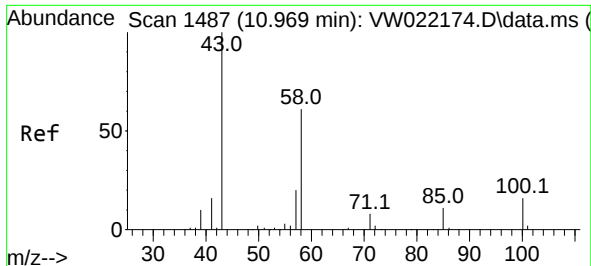
164 100

129 92.7 60.3 111.9

131 96.2 59.9 111.3

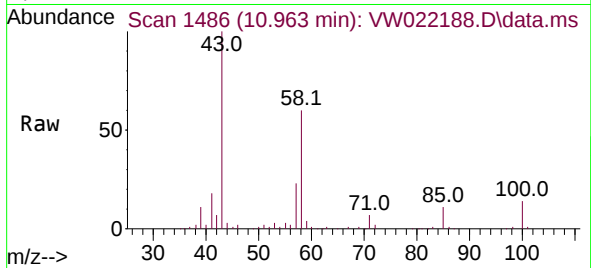
166 124.4 77.0 143.0



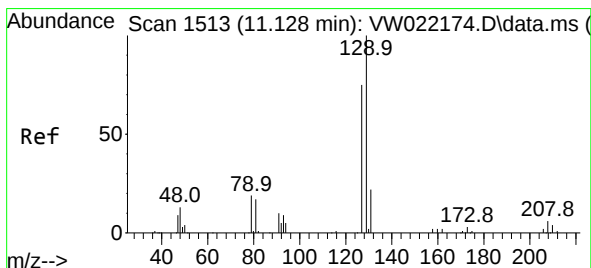
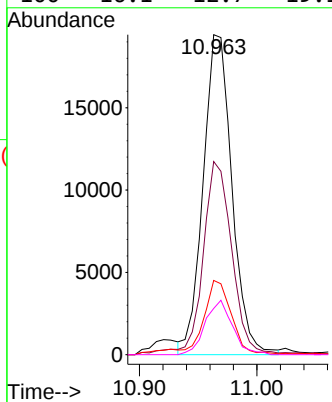
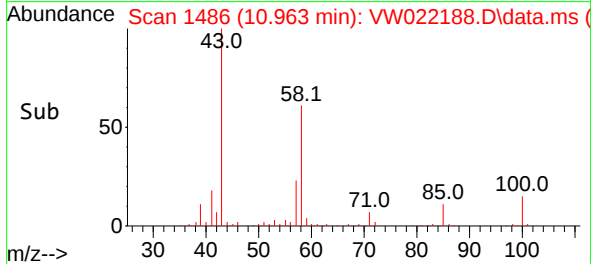


#48
2-Hexanone
Concen: 56.110 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Instrument :
MSVOA_W
ClientSampleId :

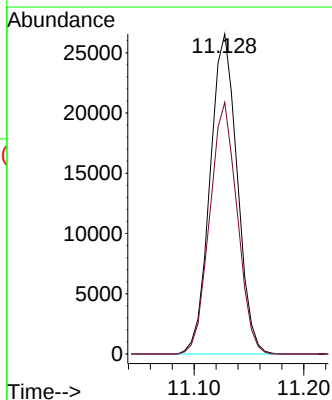
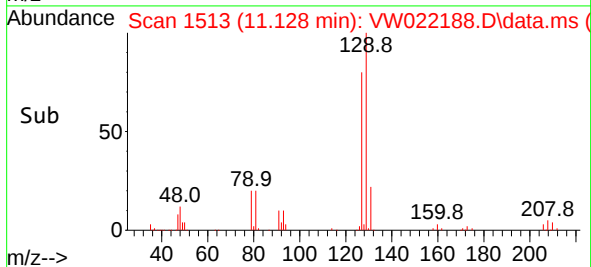
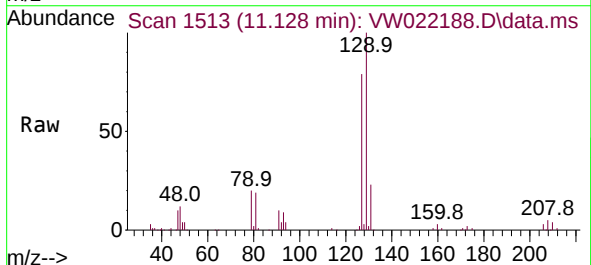


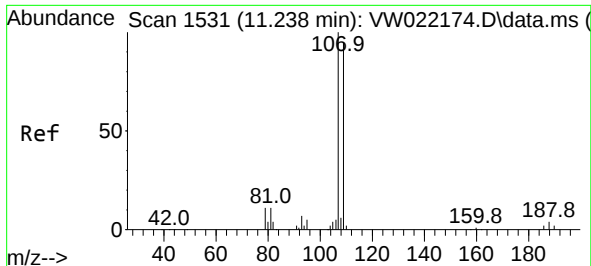
Tgt Ion: 43	Resp: 33203
Ion Ratio	Lower Upper
43 100	
58 60.3	44.6 66.8
57 22.0	15.8 23.8
100 16.1	12.7 19.1



#49
Dibromochloromethane
Concen: 26.909 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Tgt Ion:129	Resp:	45759	
Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.5	101.1





#50

1,2-Dibromoethane

Concen: 27.252 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. -0.000 min

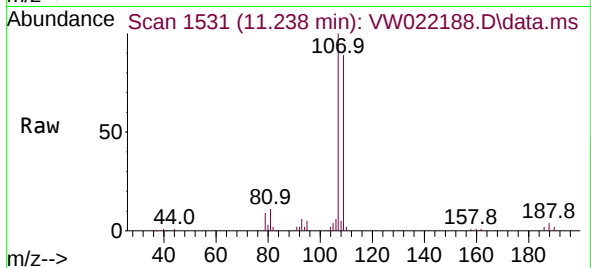
Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

ClientSampleId :



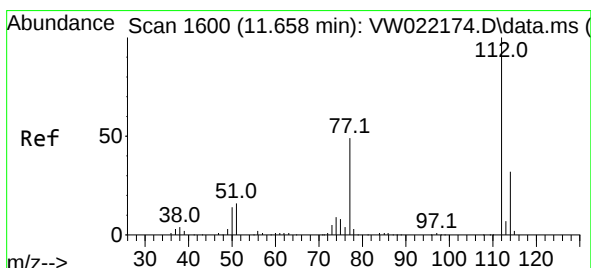
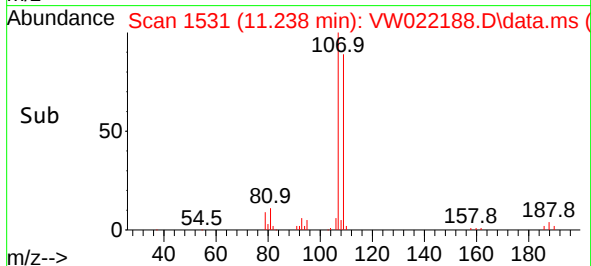
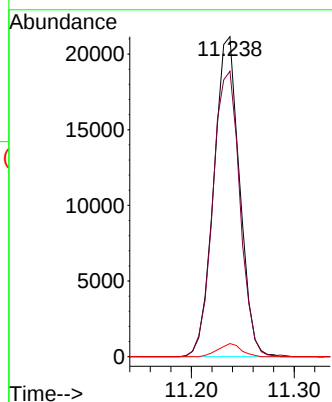
Tgt Ion:107 Resp: 36799

Ion Ratio Lower Upper

107 100

109 89.2 66.8 124.2

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 27.123 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

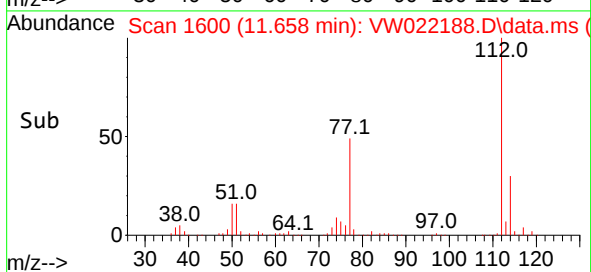
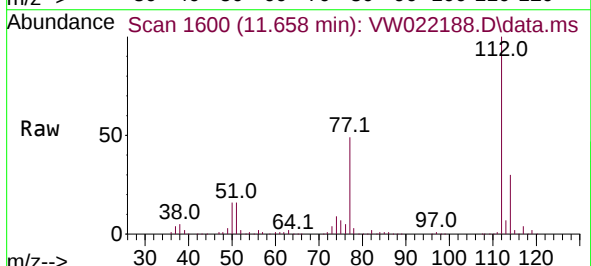
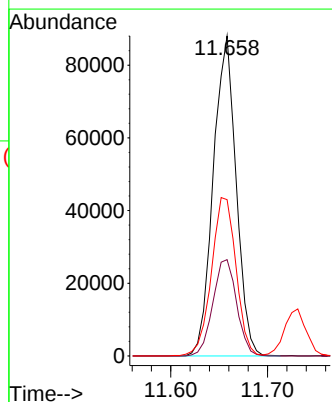
Tgt Ion:112 Resp: 144581

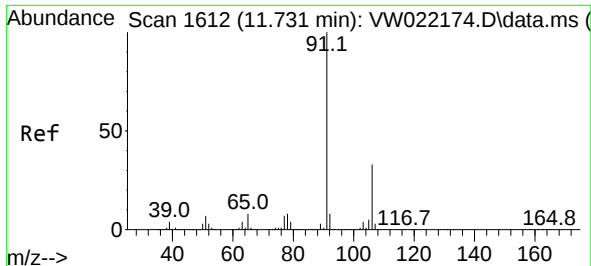
Ion Ratio Lower Upper

112 100

114 30.1 23.0 42.8

77 48.8 41.8 62.6





#52

Ethylbenzene

Concen: 27.312 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

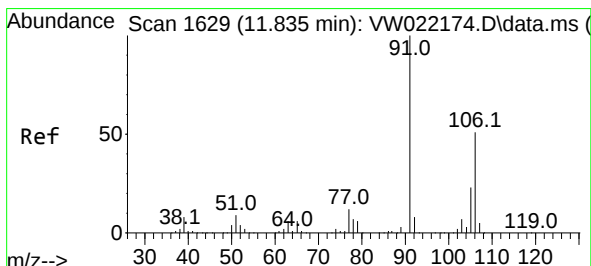
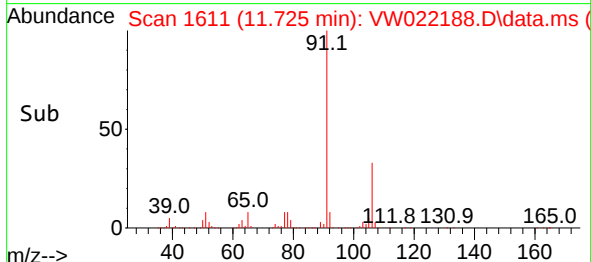
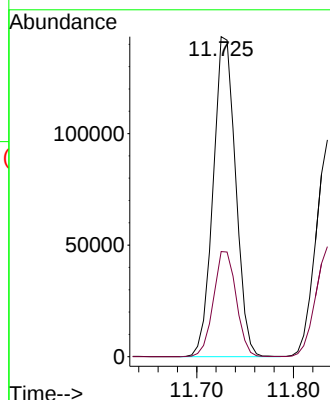
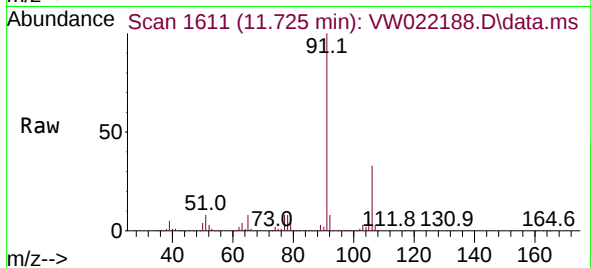
ClientSampleId :

Tgt Ion: 91 Resp: 231520

Ion Ratio Lower Upper

91 100

106 32.8 22.8 42.4



#53

m,p-Xylene

Concen: 27.585 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW022188.D

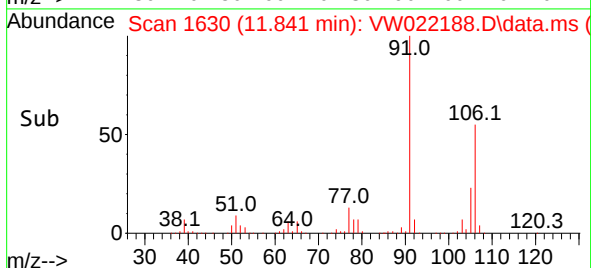
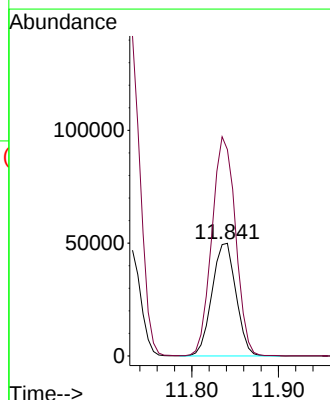
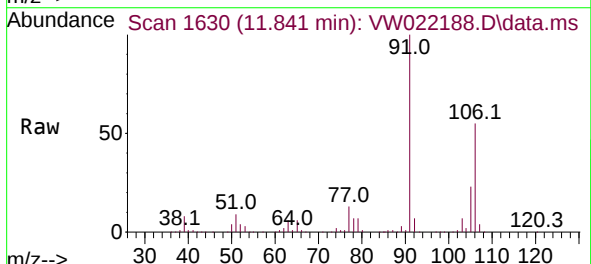
Acq: 04 Mar 2022 18:27

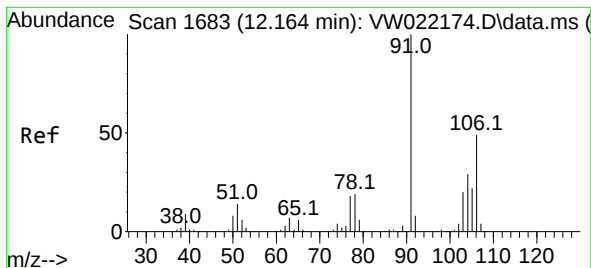
Tgt Ion:106 Resp: 96218

Ion Ratio Lower Upper

106 100

91 183.3 135.0 250.8





#54

o-Xylene

Concen: 28.141 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

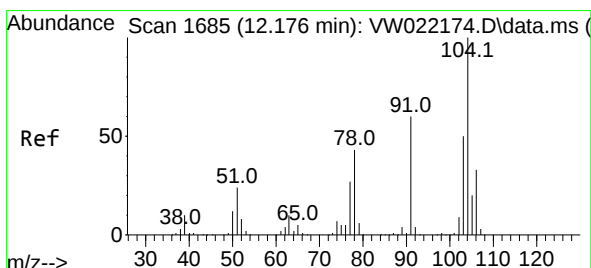
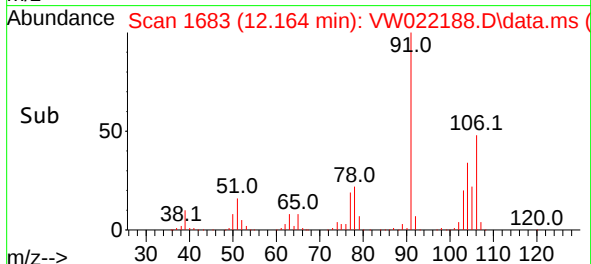
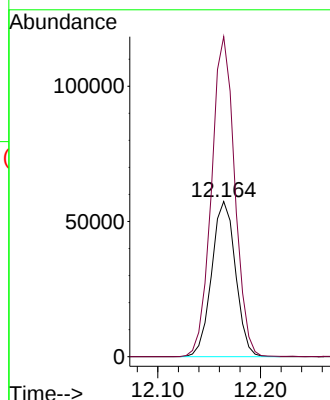
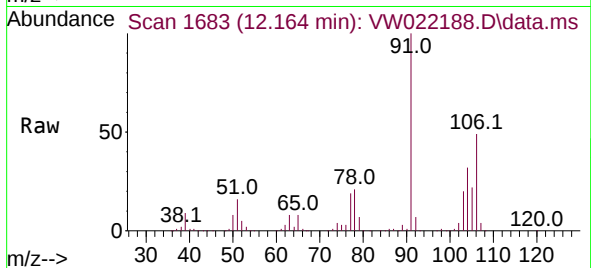
ClientSampleId :

Tgt Ion:106 Resp: 92357

Ion Ratio Lower Upper

106 100

91 206.1 136.9 254.3



#55

Styrene

Concen: 27.571 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022188.D

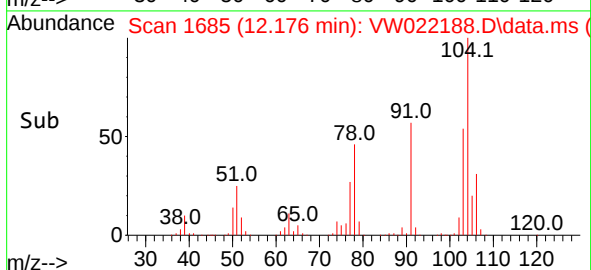
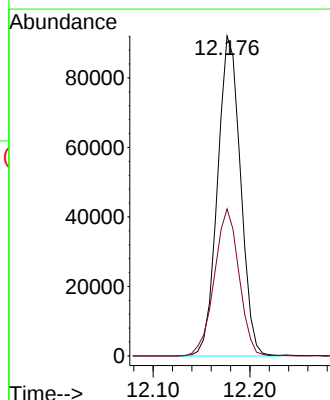
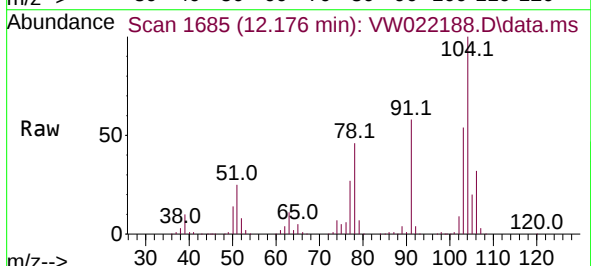
Acq: 04 Mar 2022 18:27

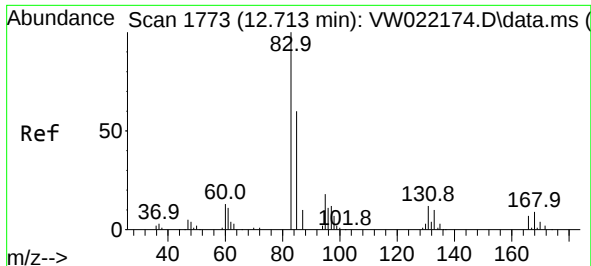
Tgt Ion:104 Resp: 151695

Ion Ratio Lower Upper

104 100

78 46.0 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.195 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022188.D

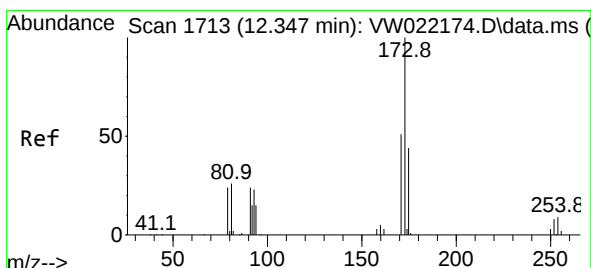
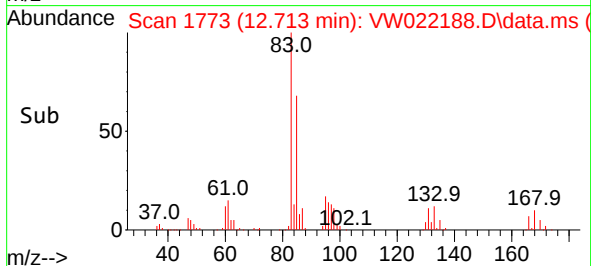
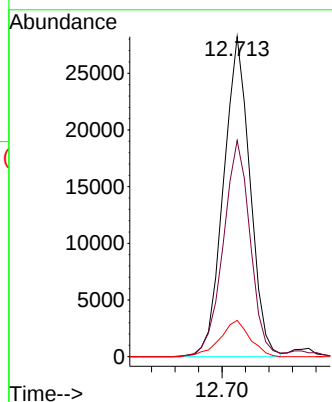
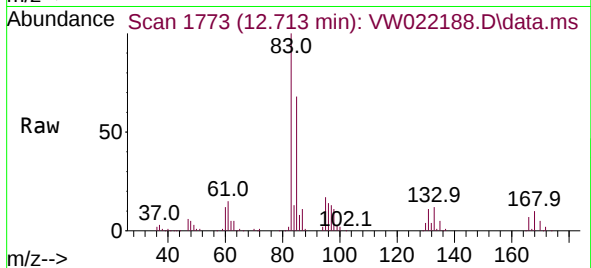
Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 44175
Ion Ratio	Lower Upper
83 100	
85 67.6	44.2 82.0
131 11.4	9.4 14.0



#59

Bromoform

Concen: 25.287 ug/L

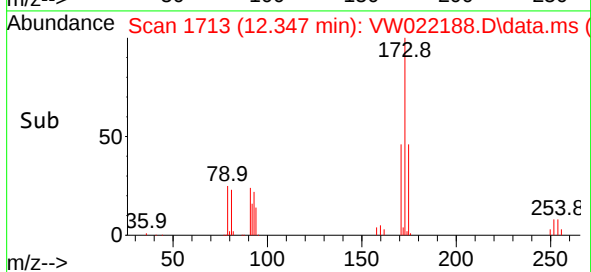
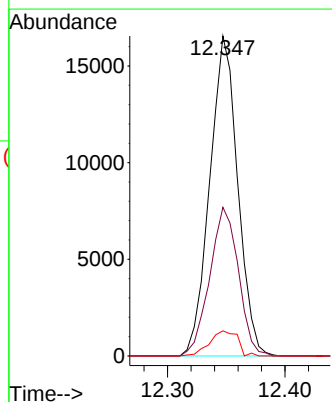
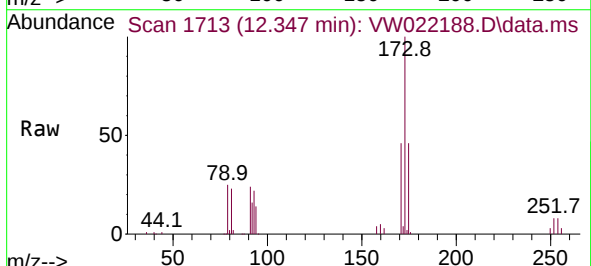
RT: 12.347 min Scan# 1713

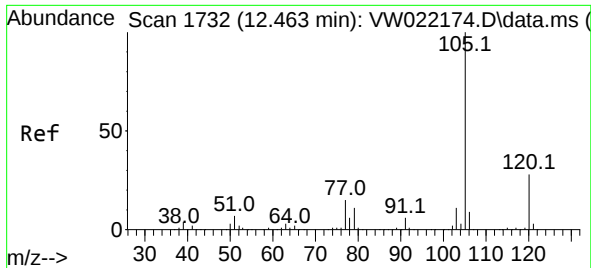
Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Tgt Ion: 173	Resp: 27405
Ion Ratio	Lower Upper
173 100	
175 47.6	38.2 57.4
254 7.7	5.0 7.6#

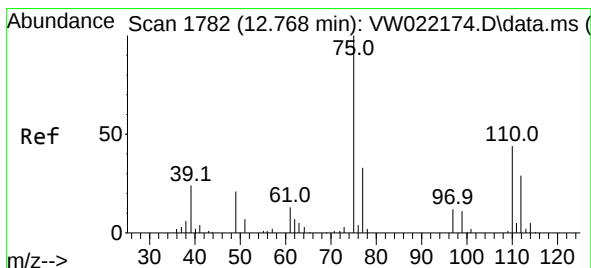
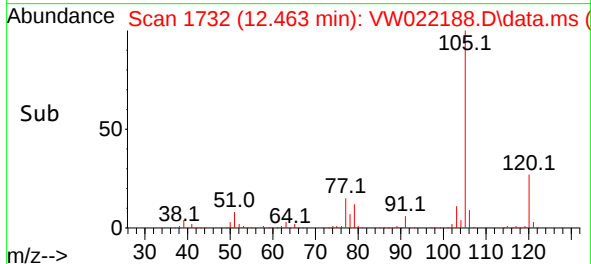
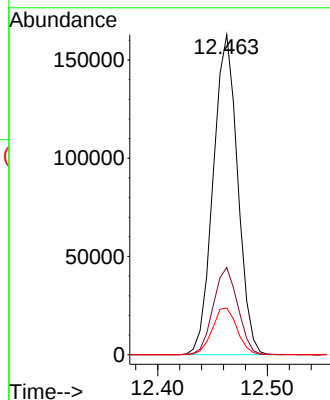
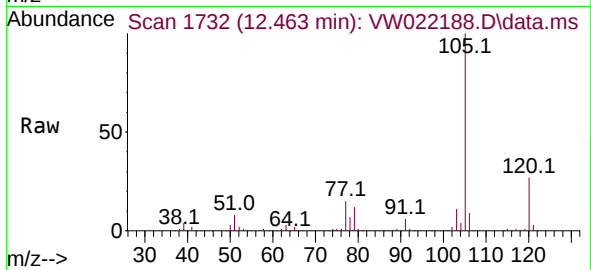




#60
Isopropylbenzene
Concen: 25.653 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

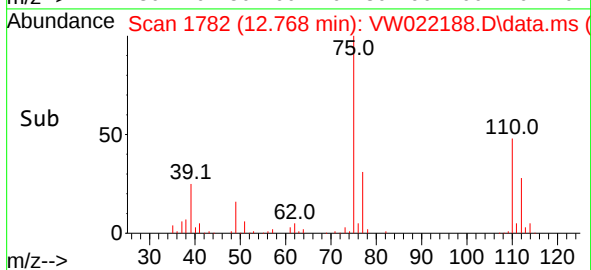
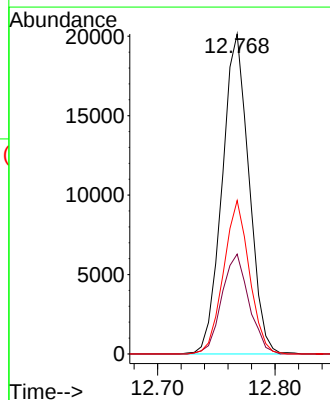
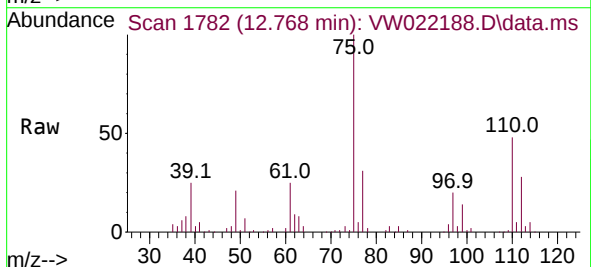
Instrument :
MSVOA_W
ClientSampleId :

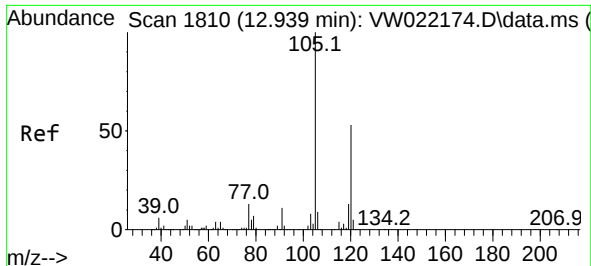
Tgt Ion:105 Resp: 252373
Ion Ratio Lower Upper
105 100
120 27.4 22.1 33.1
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 24.679 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 75 Resp: 31922
Ion Ratio Lower Upper
75 100
77 31.7 27.1 40.7
110 46.2 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 26.974 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

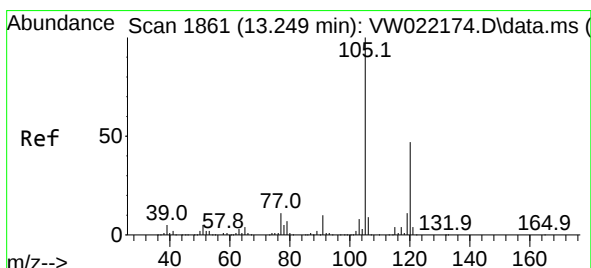
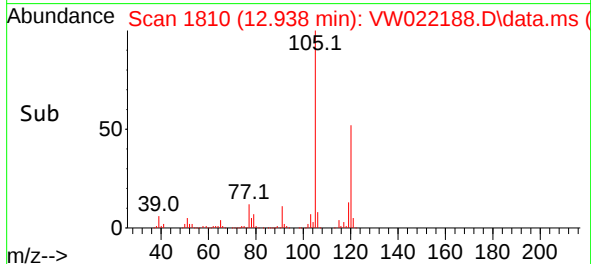
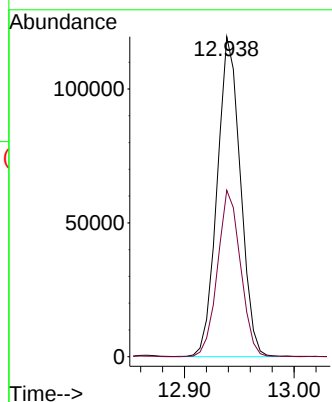
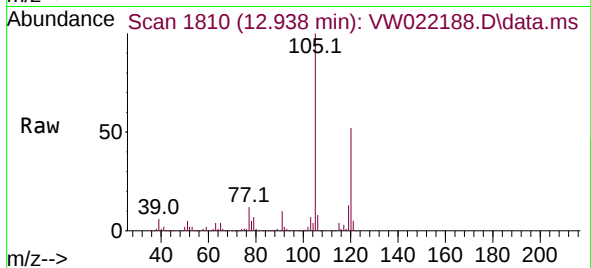
ClientSampleId :

Tgt Ion:105 Resp: 176463

Ion Ratio Lower Upper

105 100

120 51.3 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 26.977 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022188.D

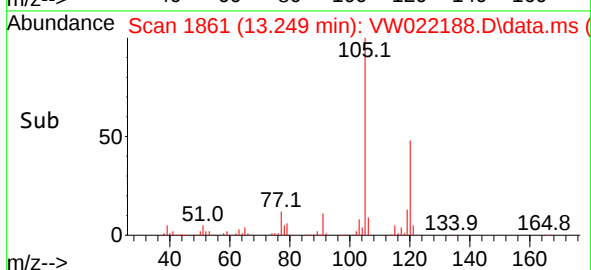
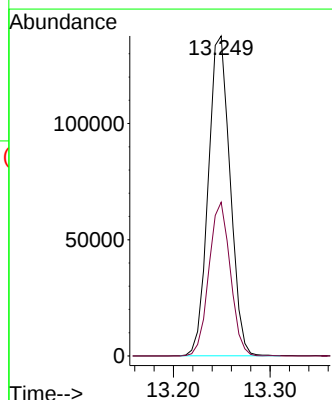
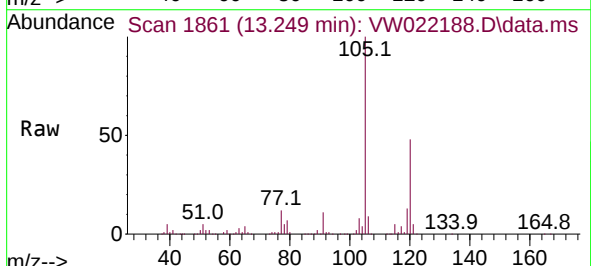
Acq: 04 Mar 2022 18:27

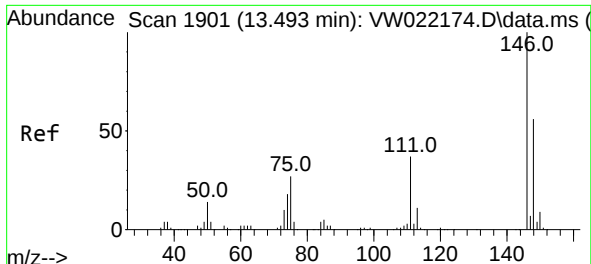
Tgt Ion:105 Resp: 215683

Ion Ratio Lower Upper

105 100

120 47.1 39.2 58.8

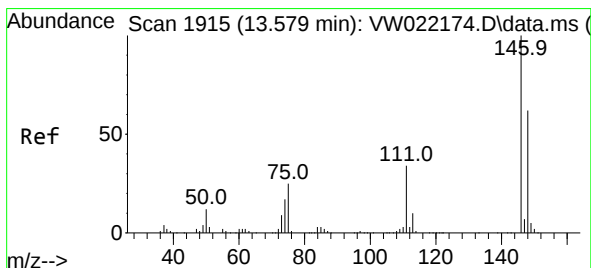
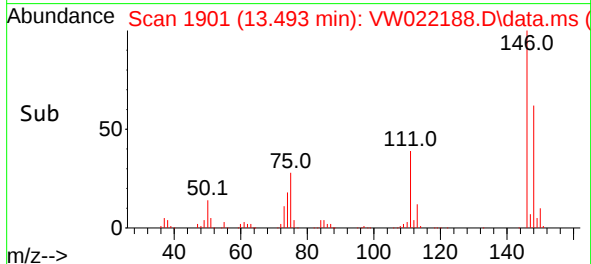
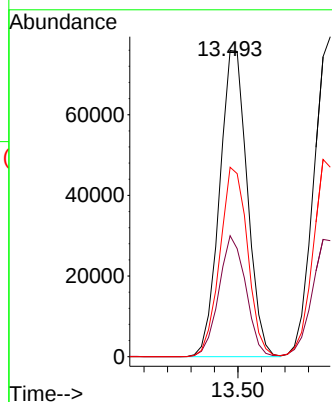
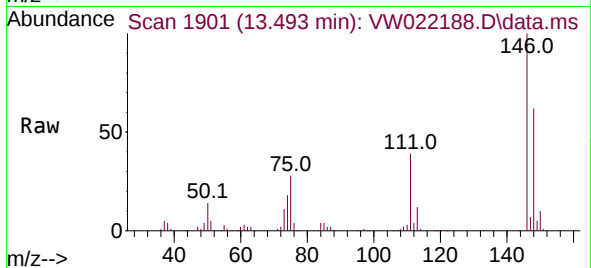




#64
1,3-Dichlorobenzene
Concen: 25.516 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

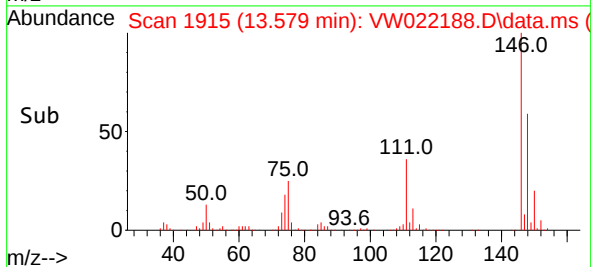
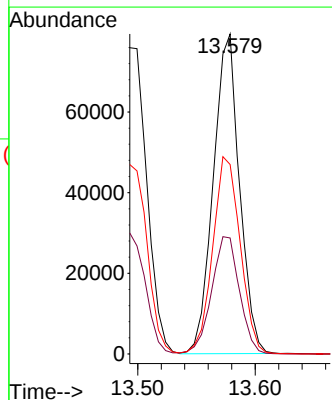
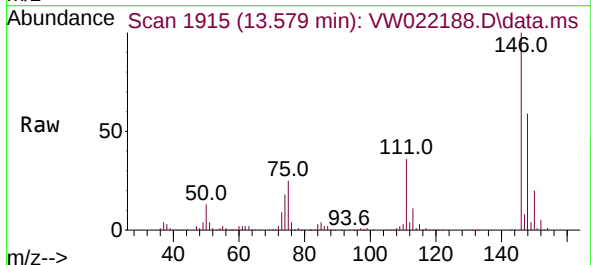
Instrument :
MSVOA_W
ClientSampleId :

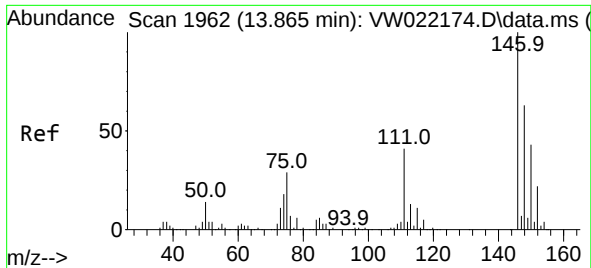
Tgt Ion:146 Resp: 124525
Ion Ratio Lower Upper
146 100
111 39.5 26.9 49.9
148 61.9 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 25.120 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022188.D
Acq: 04 Mar 2022 18:27

Tgt Ion:146 Resp: 122853
Ion Ratio Lower Upper
146 100
111 36.2 27.5 51.1
148 59.2 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.813 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

ClientSampleId :

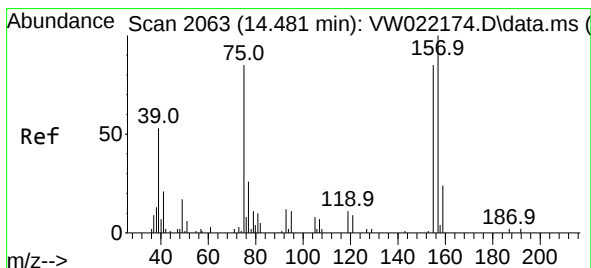
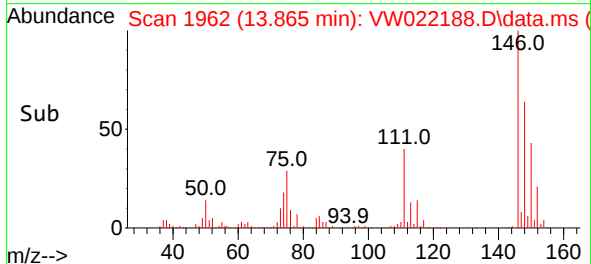
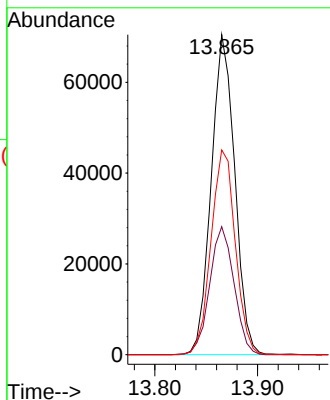
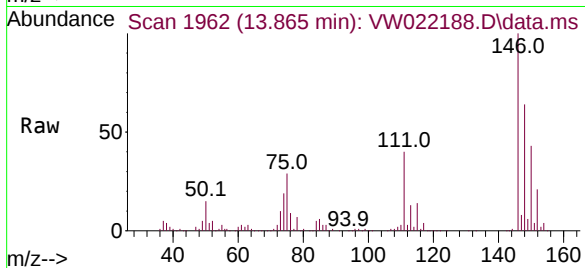
Tgt Ion:146 Resp: 112004

Ion Ratio Lower Upper

146 100

111 40.0 34.8 52.2

148 64.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.272 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

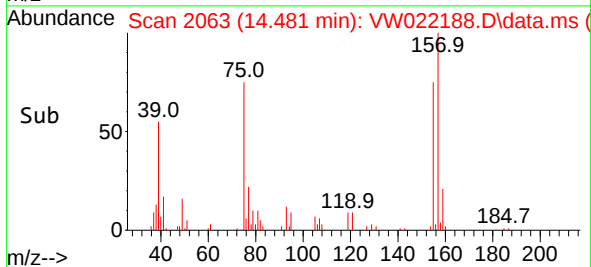
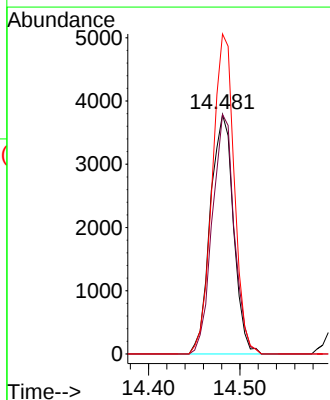
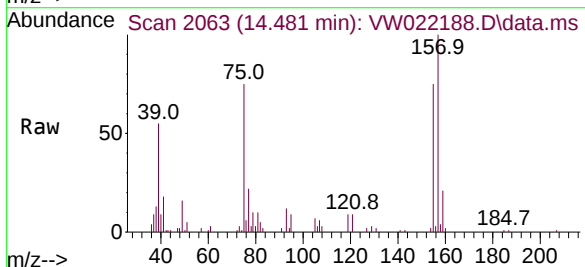
Tgt Ion: 75 Resp: 6637

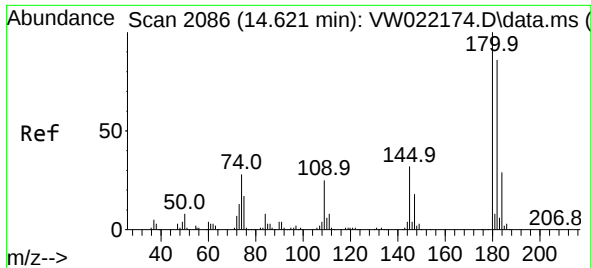
Ion Ratio Lower Upper

75 100

155 99.9 58.2 87.2#

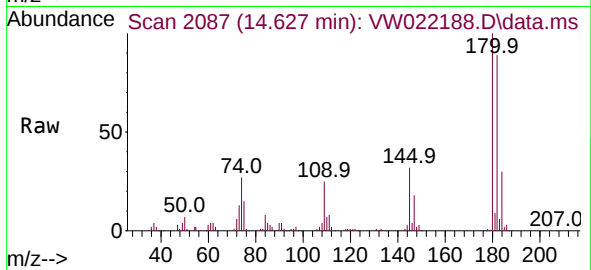
157 133.6 80.5 120.7#



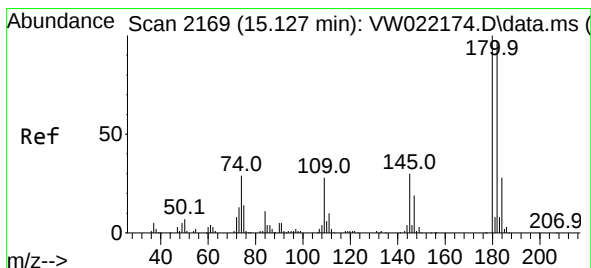
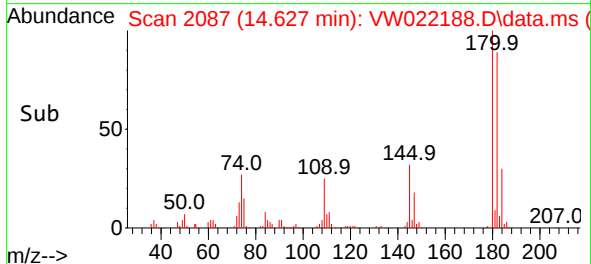
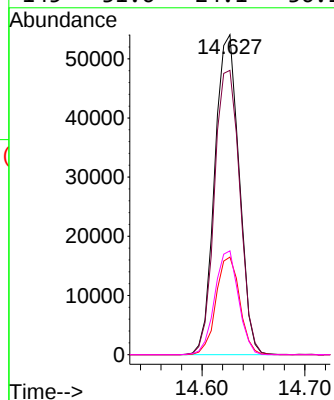


#69
 1,3,5-Trichlorobenzene
 Concen: 25.450 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

Instrument :
 MSVOA_W
 ClientSampleId :

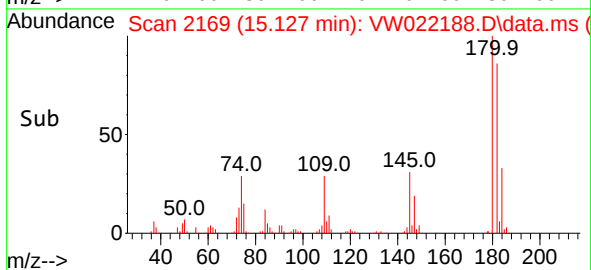
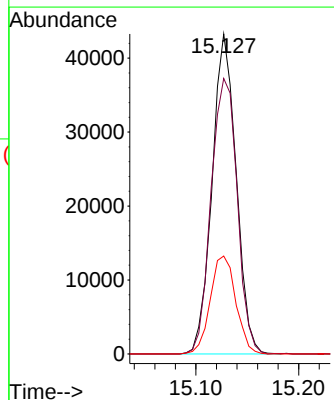
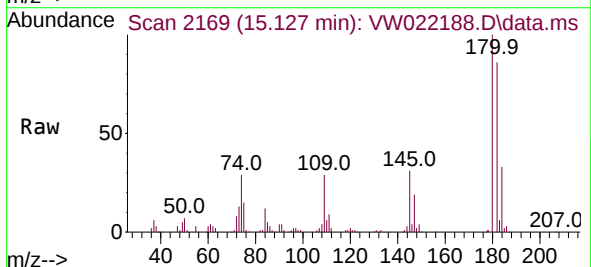


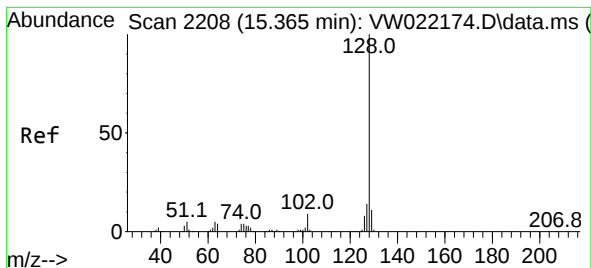
Tgt Ion:180 Resp: 89148
 Ion Ratio Lower Upper
 180 100
 182 92.2 69.4 104.0
 184 29.6 21.8 32.8
 145 31.6 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 26.558 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW022188.D
 Acq: 04 Mar 2022 18:27

Tgt Ion:180 Resp: 70389
 Ion Ratio Lower Upper
 180 100
 182 93.2 77.8 116.6
 145 32.4 25.8 38.6





#71

Naphthalene

Concen: 27.750 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_W

ClientSampleId :

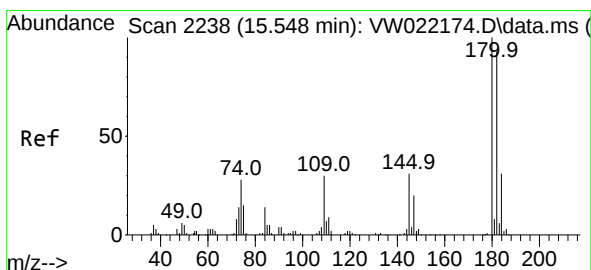
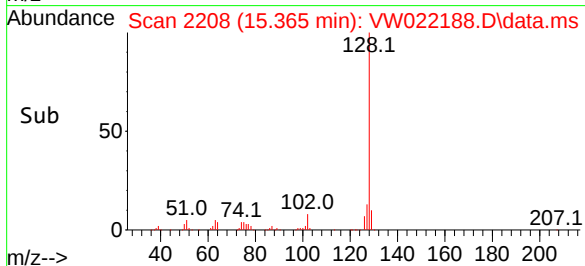
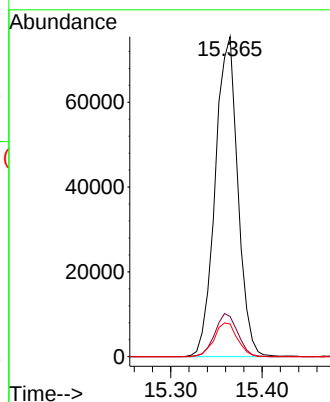
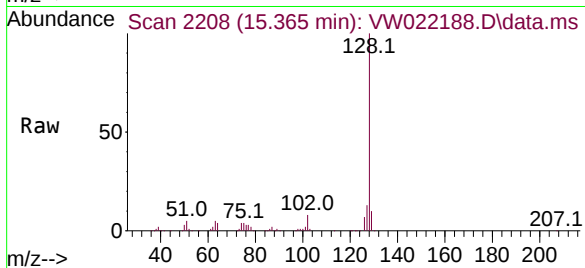
Tgt Ion:128 Resp: 129837

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.6

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 27.357 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022188.D

Acq: 04 Mar 2022 18:27

Tgt Ion:180 Resp: 62714

Ion Ratio Lower Upper

180 100

182 93.9 79.0 118.4

145 31.9 28.0 42.0

