

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023420.D
 Acq On : 07 Jun 2022 18:28
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Jun 08 01:23:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 08 01:20:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	333351	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	326517	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	172001	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	144672	28.037	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	112.160%	
7) Chloroethane-d5	2.885	69	104440	28.732	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	114.920%	
11) 1,1-Dichloroethene-d2	4.019	63	167863	21.663	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	86.640%	
21) 2-Butanone-d5	7.080	46	60460	60.755	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	121.500%	
24) Chloroform-d	7.653	84	229744	25.559	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	102.240%	
26) 1,2-Dichloroethane-d4	8.305	65	130823	27.706	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	110.840%	
32) Benzene-d6	8.275	84	439376	24.241	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	96.960%	
36) 1,2-Dichloropropane-d6	9.274	67	130027	25.595	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	102.360%	
41) Toluene-d8	10.323	98	415687	24.081	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	96.320%	
43) trans-1,3-Dichloroprop...	10.579	79	55852	24.642	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	98.560%	
47) 2-Hexanone-d5	10.927	63	47940	63.043	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	126.080%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	130237	29.962	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	119.840%	
66) 1,2-Dichlorobenzene-d4	13.853	152	159165	25.566	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	102.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	44730	40.764	ug/L	97
3) Chloromethane	2.215	50	114064	29.482	ug/L	98
5) Vinyl chloride	2.361	62	170273	28.736	ug/L	100
6) Bromomethane	2.776	94	78337	24.052	ug/L	94
8) Chloroethane	2.916	64	83796	28.890	ug/L	99
9) Trichlorofluoromethane	3.251	101	54273	16.694	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	98495	23.058	ug/L	95
12) 1,1-Dichloroethene	4.038	96	86144	22.602	ug/L	96
13) Acetone	4.123	43	38538	51.631	ug/L	95
14) Carbon disulfide	4.385	76	271441	22.221	ug/L	99
15) Methyl Acetate	4.672	43	46183	28.172	ug/L	97
16) Methylene chloride	4.915	84	106855	22.253	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	106246	23.394	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	174388	26.497	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	193332	25.455	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	118969	25.044	ug/L #	98
22) 2-Butanone	7.171	43	65606	60.399	ug/L	98
23) Bromochloromethane	7.513	128	55614	24.959	ug/L	93
25) Chloroform	7.677	83	214725	25.528	ug/L	95

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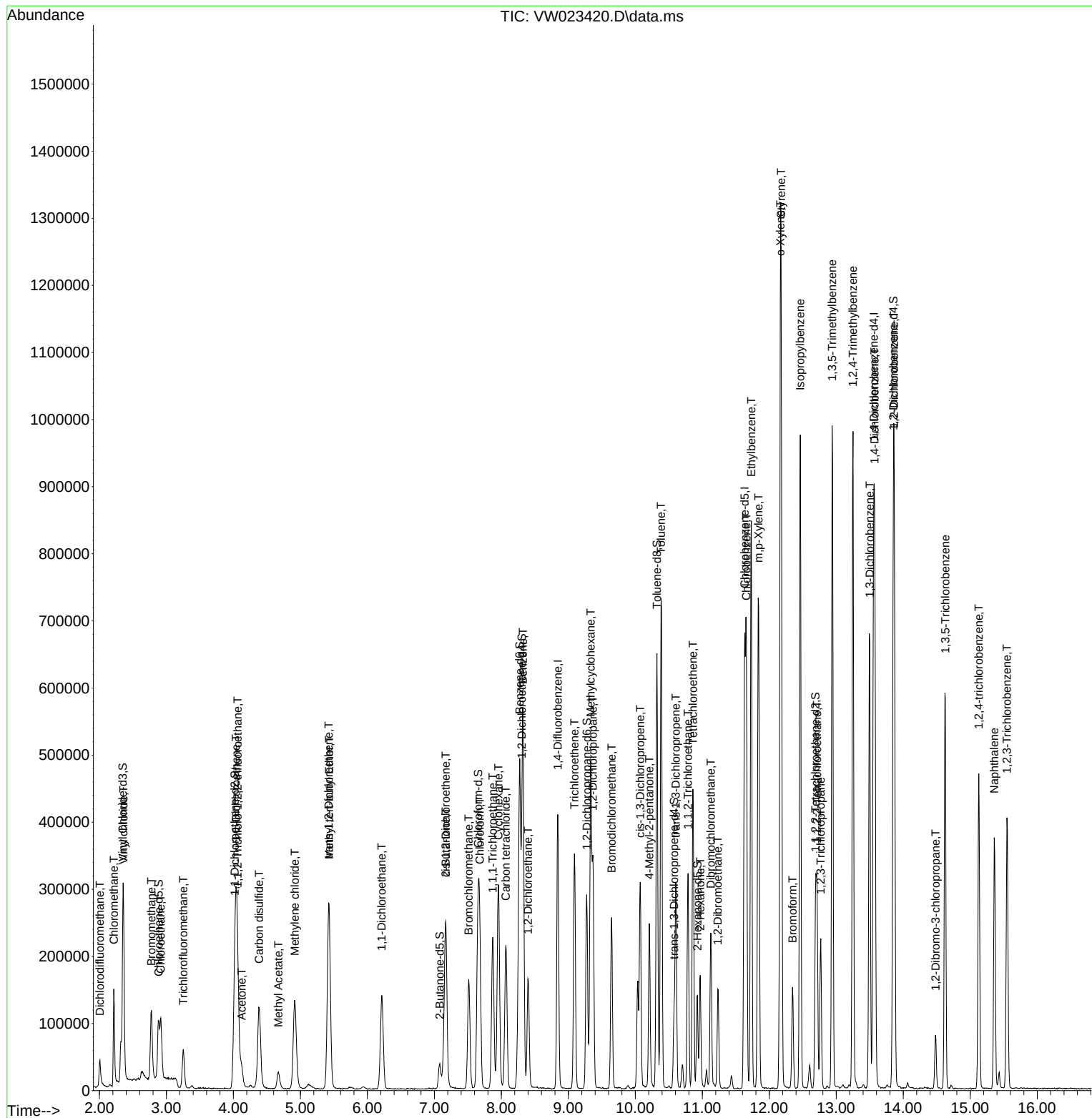
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27) 1,2-Dichloroethane	8.397	62	149276	28.188	ug/L	100
29) Cyclohexane	7.958	56	159462	22.856	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	178454	22.973	ug/L	98
31) Carbon tetrachloride	8.067	117	156730	21.870	ug/L	100
33) Benzene	8.323	78	468281	24.438	ug/L	100
34) Trichloroethene	9.092	95	120155	22.922	ug/L	98
35) Methylcyclohexane	9.335	83	194260	22.578	ug/L	97
37) 1,2-Dichloropropane	9.366	63	112797	25.120	ug/L	100
38) Bromodichloromethane	9.646	83	163956	26.025	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	174823	24.852	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	148127	60.671	ug/L	100
42) Toluene	10.384	91	537618	24.882	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	162526	26.472	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	97002	26.908	ug/L	96
46) Tetrachloroethene	10.860	164	90410	21.803	ug/L	88
48) 2-Hexanone	10.969	43	100472	63.637	ug/L	99
49) Dibromochloromethane	11.128	129	115644	26.523	ug/L	98
50) 1,2-Dibromoethane	11.231	107	94621	26.794	ug/L	97
51) Chlorobenzene	11.658	112	349488	24.715	ug/L	95
52) Ethylbenzene	11.731	91	594157	24.958	ug/L	100
53) m,p-Xylene	11.841	106	234433	25.442	ug/L	99
54) o-Xylene	12.164	106	227235	25.743	ug/L	98
55) Styrene	12.176	104	400901	26.393	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	122491	28.334	ug/L	97
59) Bromoform	12.347	173	62117	26.061	ug/L	99
60) Isopropylbenzene	12.463	105	617152	25.073	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86705	27.870	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	518102	25.432	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	517211	25.651	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	269438	24.125	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	271666	23.783	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	257386	25.404	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19014	28.781	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	169022	22.887	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	137155	23.977	ug/L	99
71) Naphthalene	15.359	128	304649	28.696	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	124779	25.087	ug/L	96

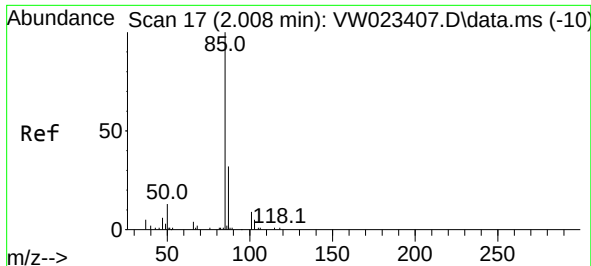
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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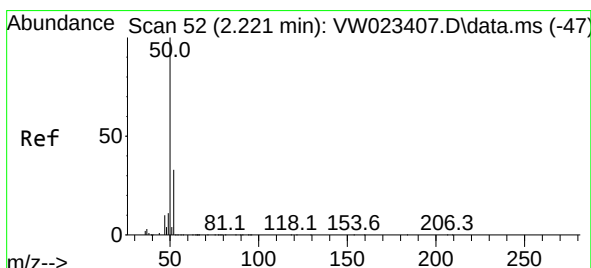
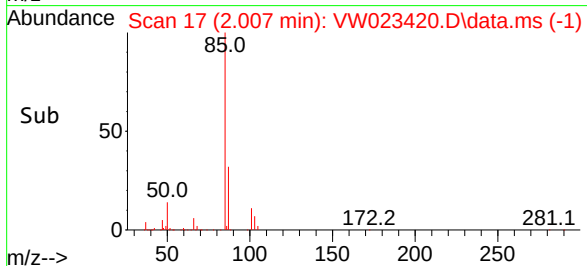
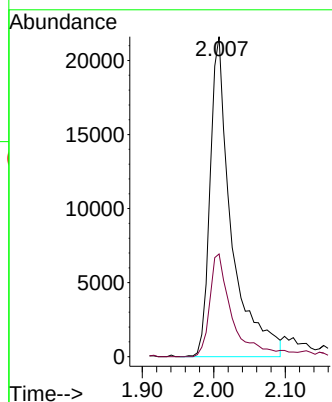
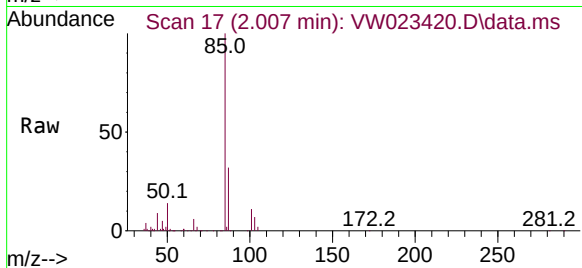




#2
 Dichlorodifluoromethane
 Concen: 40.764 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023420.D
 Acq: 07 Jun 2022 18:28

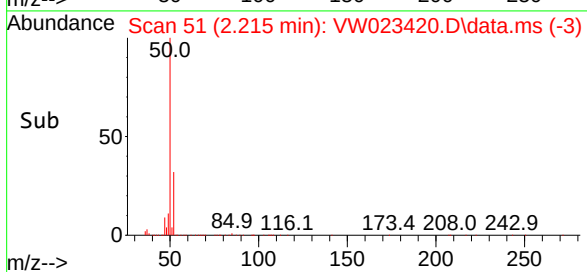
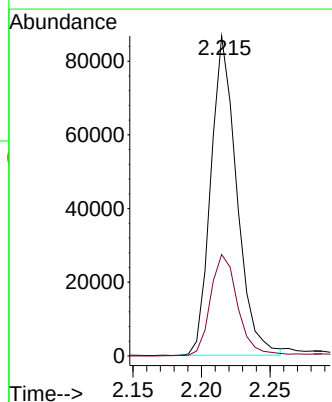
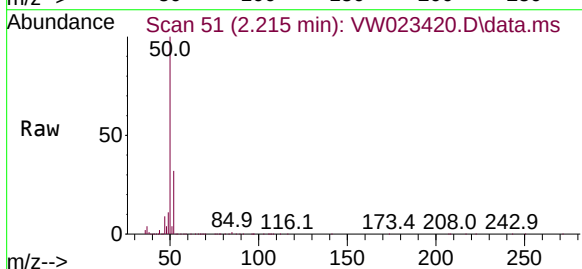
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 ClientSampleId :
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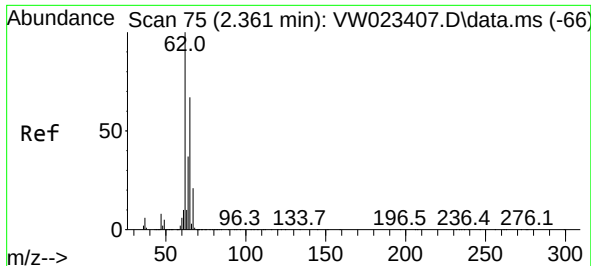
Tgt Ion: 85 Resp: 44730
 Ion Ratio Lower Upper
 85 100
 87 32.9 27.8 41.8



#3
 Chloromethane
 Concen: 29.482 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW023420.D
 Acq: 07 Jun 2022 18:28

Tgt Ion: 50 Resp: 114064
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.1 42.9

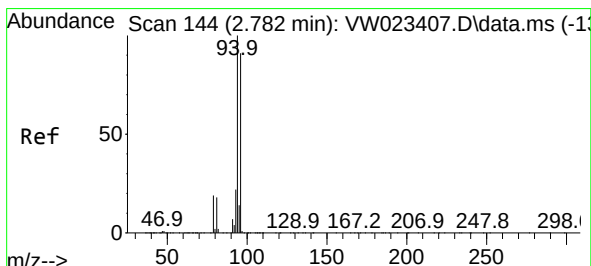
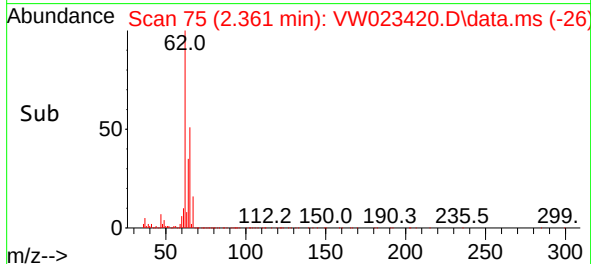
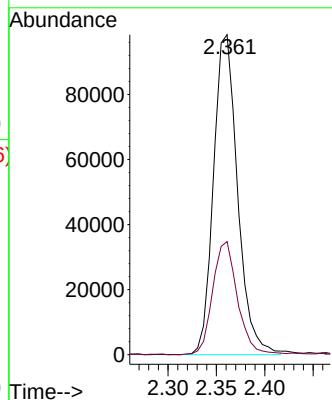
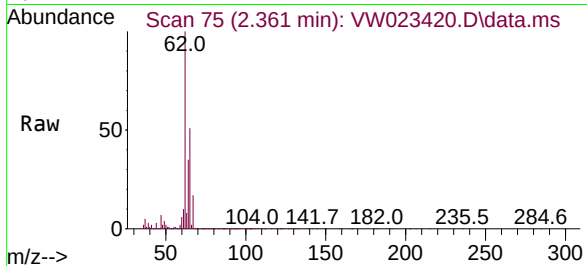




#5
 Vinyl chloride
 Concen: 28.736 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023420.D
 Acq: 07 Jun 2022 18:28

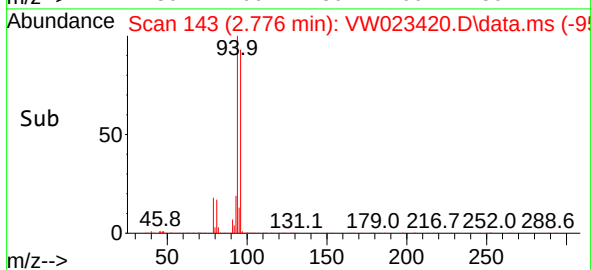
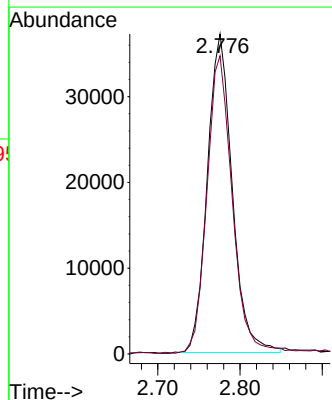
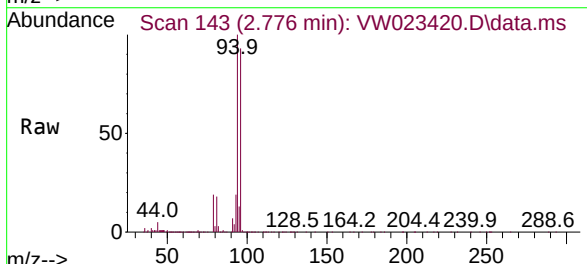
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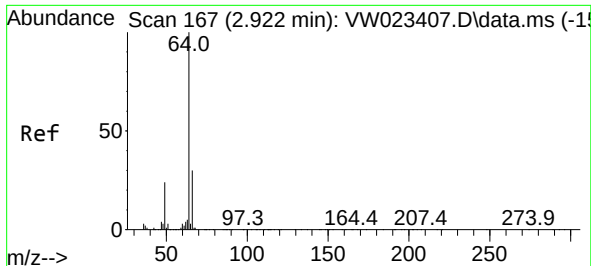
Tgt Ion: 62 Resp: 170273
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.9 46.3



#6
 Bromomethane
 Concen: 24.052 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023420.D
 Acq: 07 Jun 2022 18:28

Tgt Ion: 94 Resp: 78337
 Ion Ratio Lower Upper
 94 100
 96 93.2 61.7 114.5

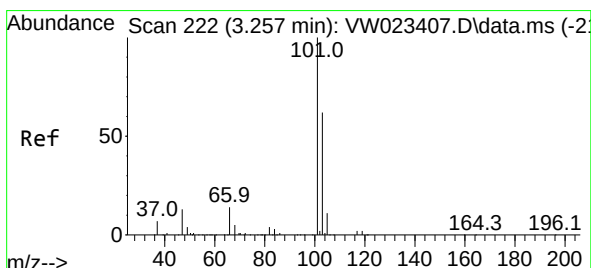
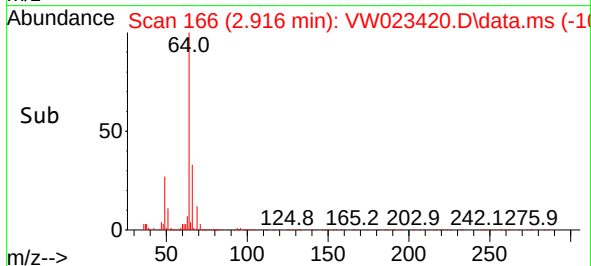
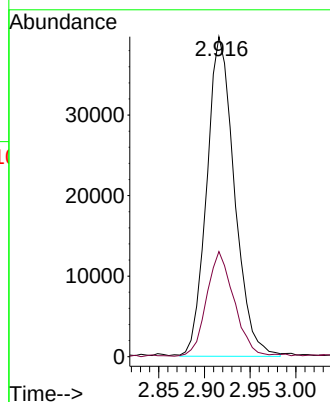
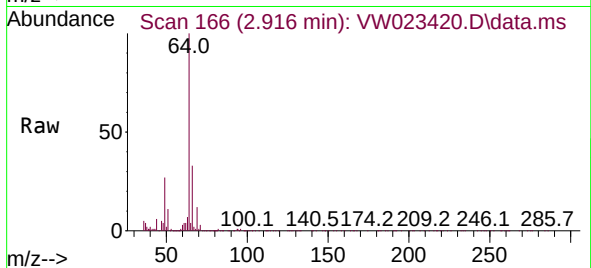




#8
Chloroethane
Concen: 28.890 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

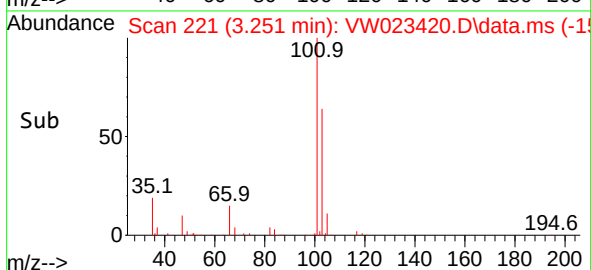
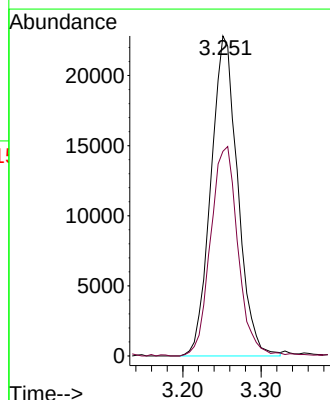
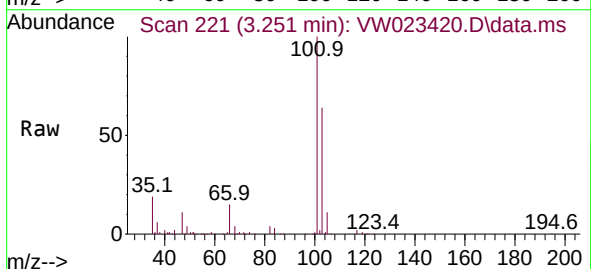
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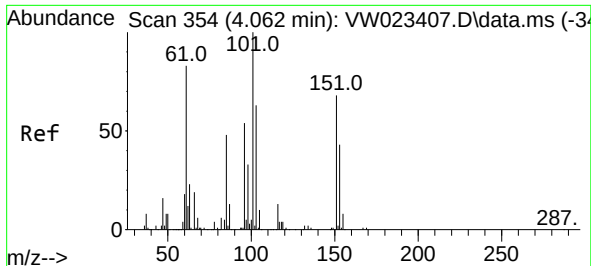
Tgt Ion: 64 Resp: 83796
Ion Ratio Lower Upper
64 100
66 32.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 16.694 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion: 101 Resp: 54273
Ion Ratio Lower Upper
101 100
103 66.4 53.9 80.9

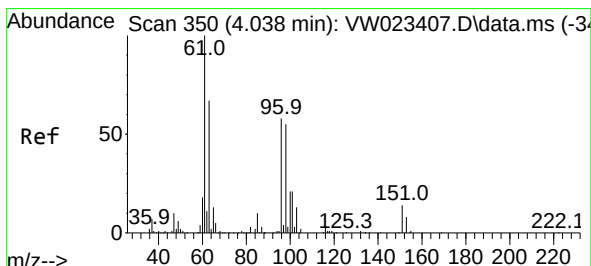
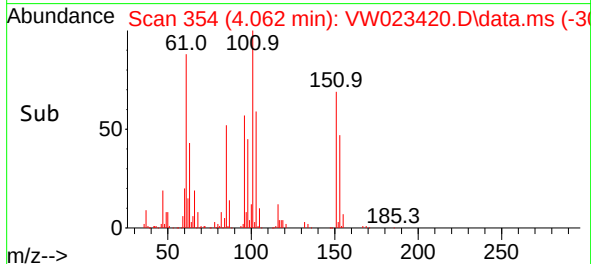
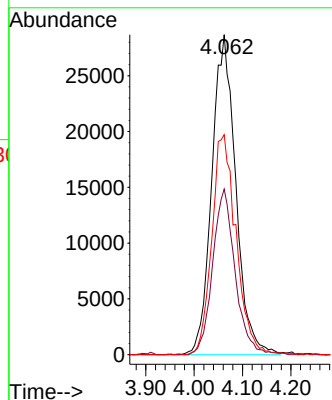
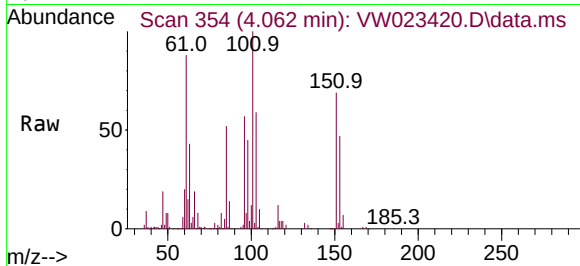




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.058 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023420.D
 Acq: 07 Jun 2022 18:28

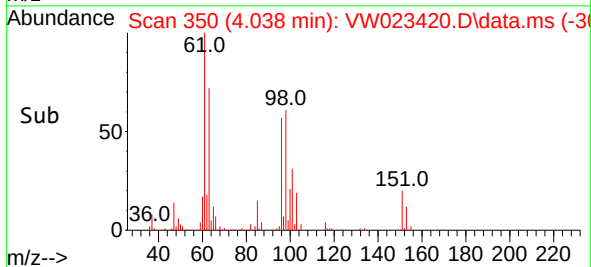
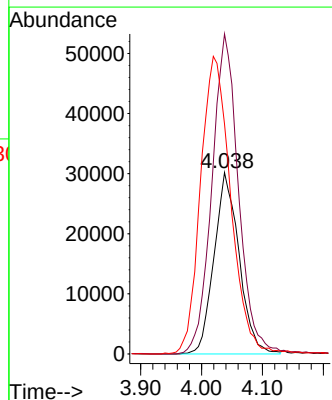
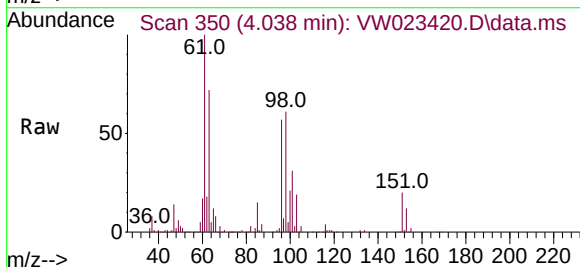
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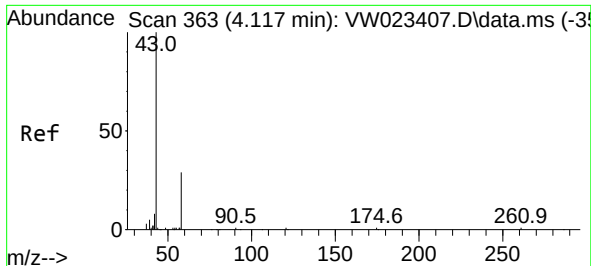
Tgt Ion:101 Resp: 98495
 Ion Ratio Lower Upper
 101 100
 85 47.9 34.3 51.5
 151 69.6 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.602 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW023420.D
 Acq: 07 Jun 2022 18:28

Tgt Ion: 96 Resp: 86144
 Ion Ratio Lower Upper
 96 100
 61 176.4 125.7 233.5
 63 126.8 83.4 155.0





#13

Acetone

Concen: 51.631 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

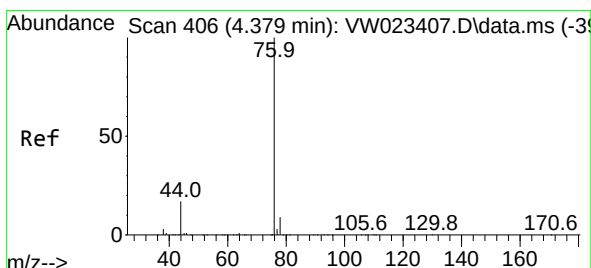
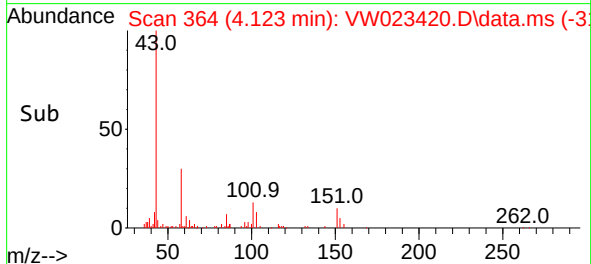
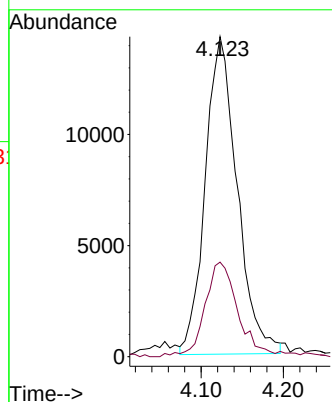
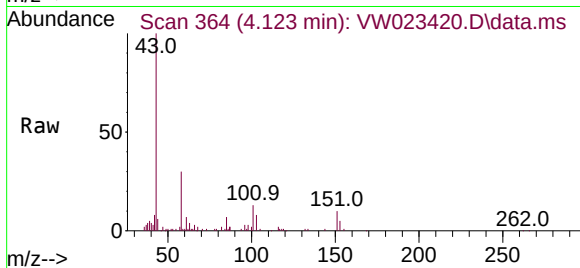
VSTD025565

Tgt Ion: 43 Resp: 38538

Ion Ratio Lower Upper

43 100

58 29.1 0.0 64.0



#14

Carbon disulfide

Concen: 22.221 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW023420.D

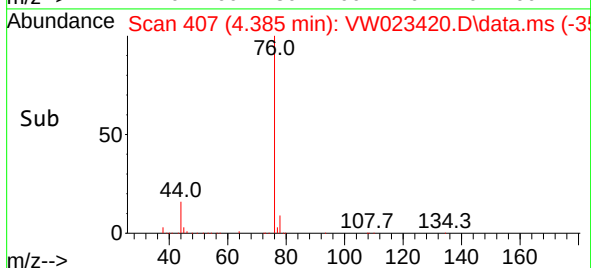
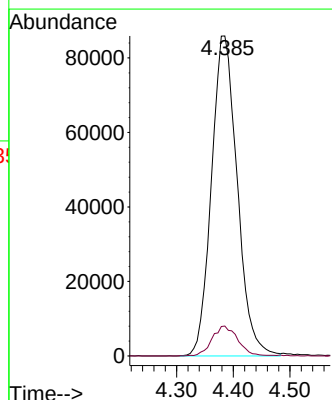
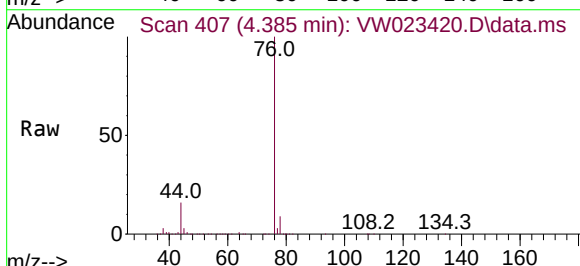
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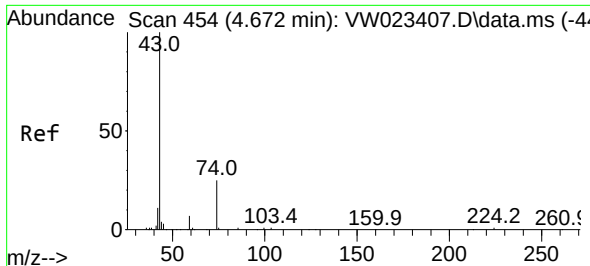
Tgt Ion: 76 Resp: 271441

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

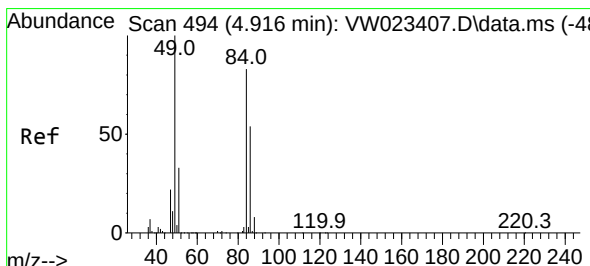
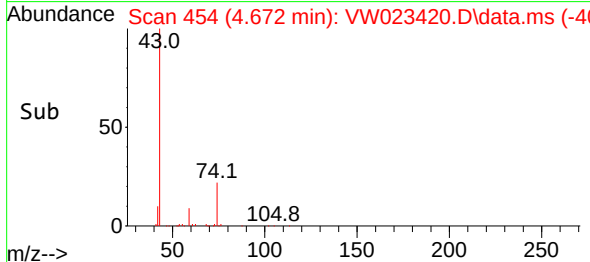
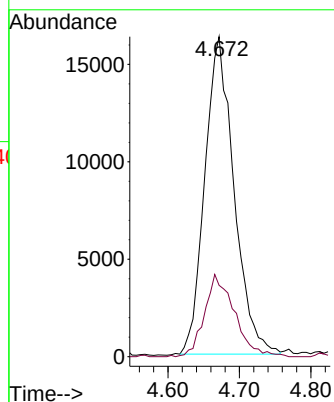
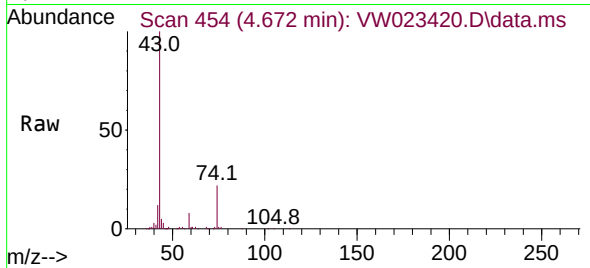




#15
Methyl Acetate
Concen: 28.172 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

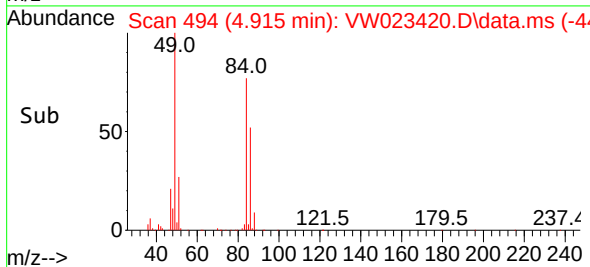
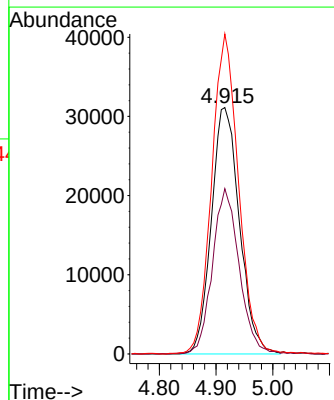
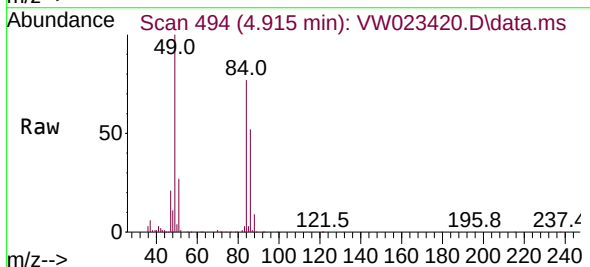
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

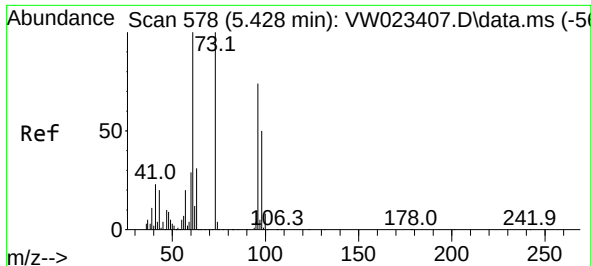
Tgt Ion: 43 Resp: 46183
Ion Ratio Lower Upper
43 100
74 25.9 21.9 32.9



#16
Methylene chloride
Concen: 22.253 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion: 84 Resp: 106855
Ion Ratio Lower Upper
84 100
86 67.1 45.4 84.4
49 129.8 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 23.394 ug/L

RT: 5.421 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

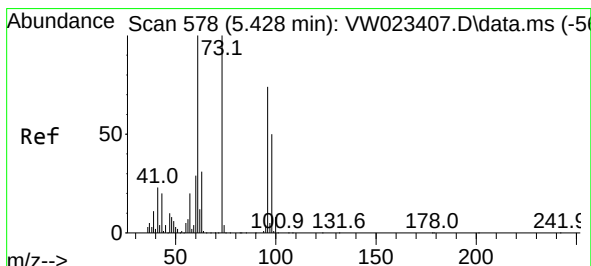
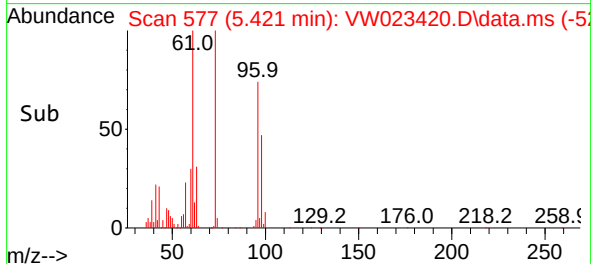
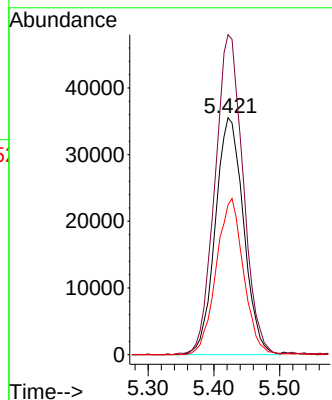
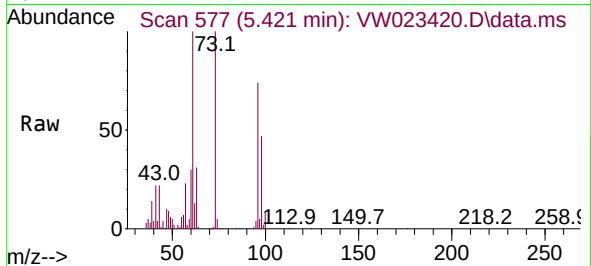
Tgt Ion: 96 Resp: 106246

Ion Ratio Lower Upper

96 100

61 135.0 92.2 171.2

98 63.2 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 26.497 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

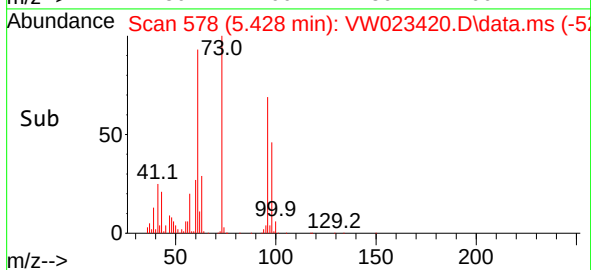
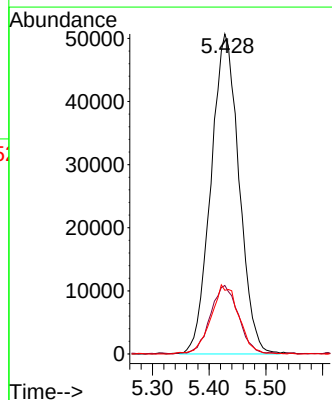
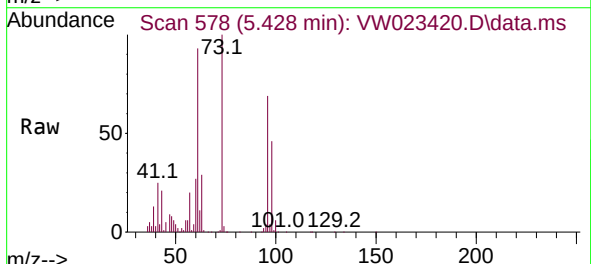
Tgt Ion: 73 Resp: 174388

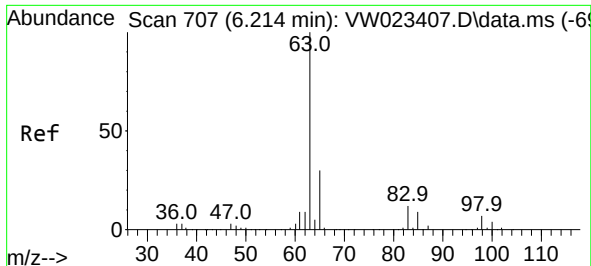
Ion Ratio Lower Upper

73 100

43 21.0 15.9 23.9

57 11.0 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 25.455 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

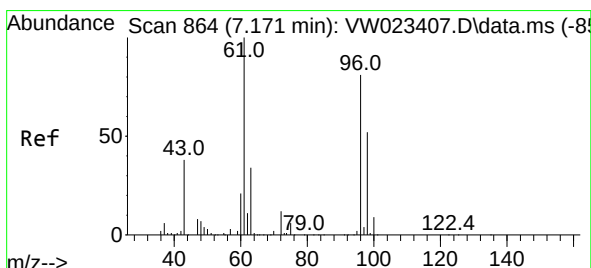
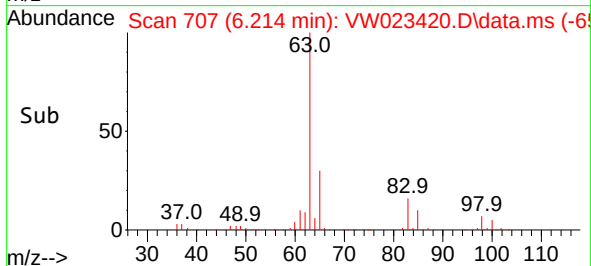
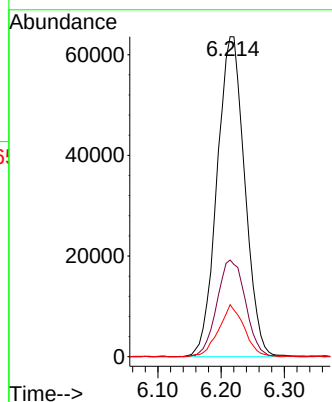
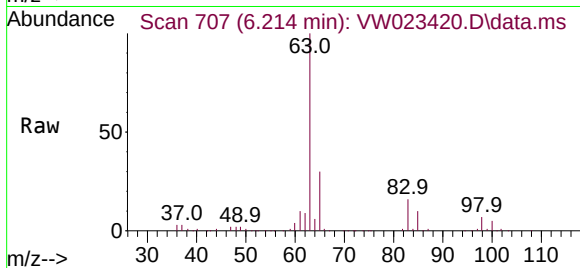
Tgt Ion: 63 Resp: 193332

Ion Ratio Lower Upper

63 100

65 30.2 23.3 43.3

83 16.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.044 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

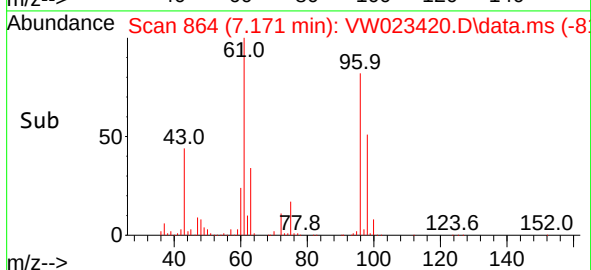
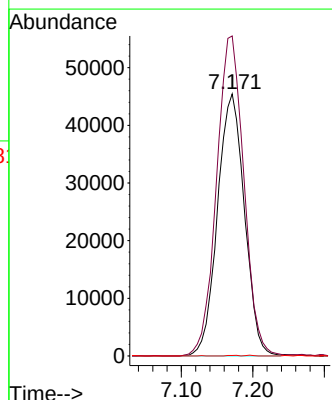
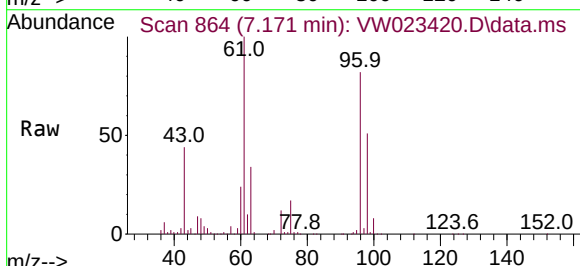
Tgt Ion: 96 Resp: 118969

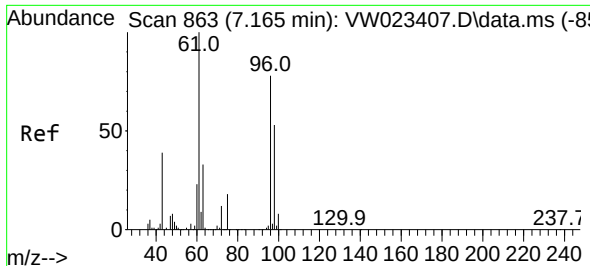
Ion Ratio Lower Upper

96 100

61 122.1 84.2 156.4

68 0.2 0.1 0.1#

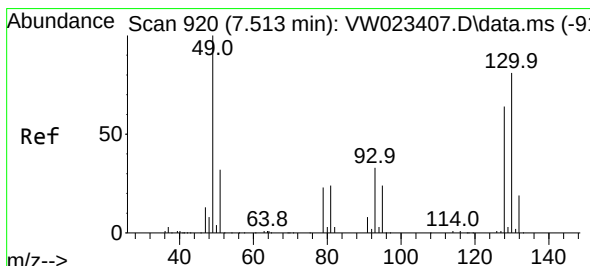
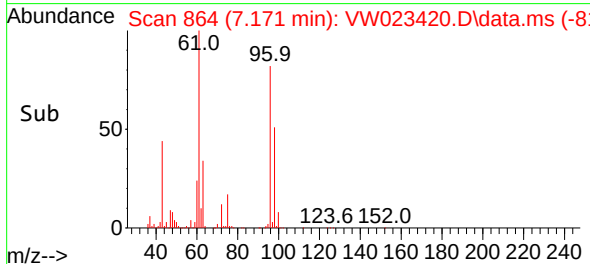
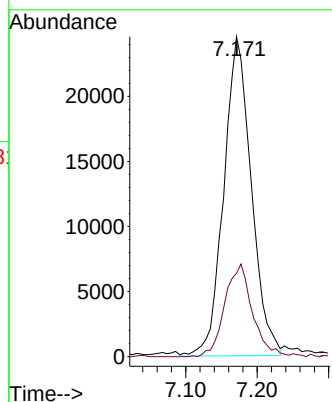
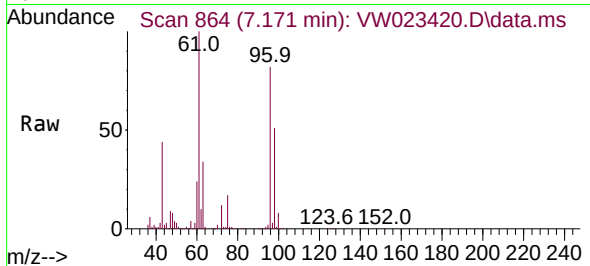




#22
2-Butanone
Concen: 60.399 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

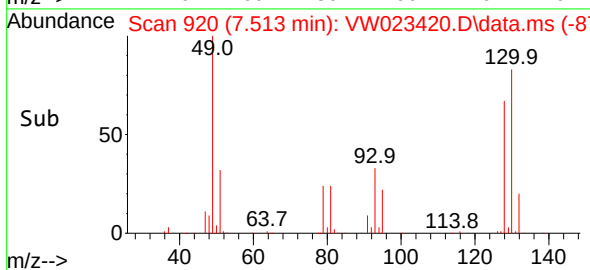
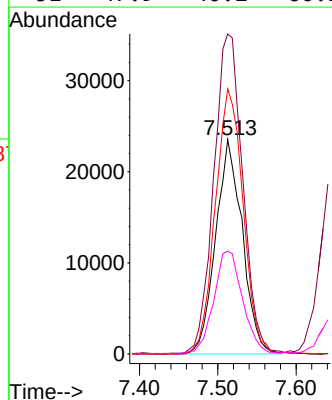
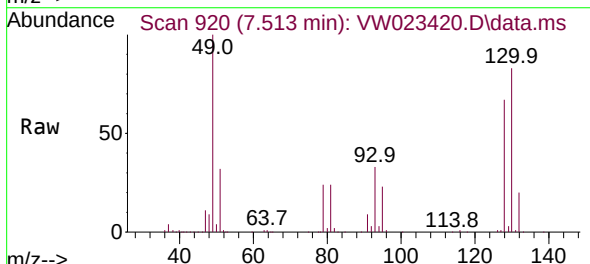
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

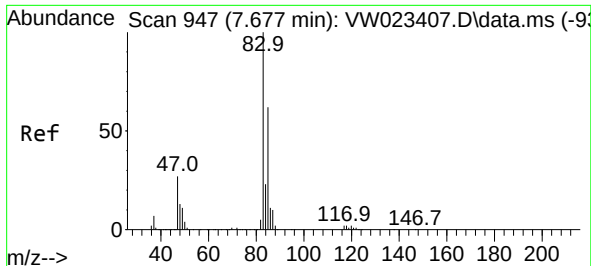
Tgt Ion: 43 Resp: 65606
Ion Ratio Lower Upper
43 100
72 29.0 15.1 45.3



#23
Bromochloromethane
Concen: 24.959 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion: 128 Resp: 55614
Ion Ratio Lower Upper
128 100
49 149.2 110.0 204.4
130 123.6 94.8 176.0
51 47.9 40.2 60.2

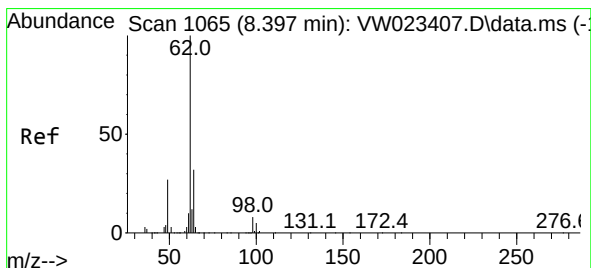
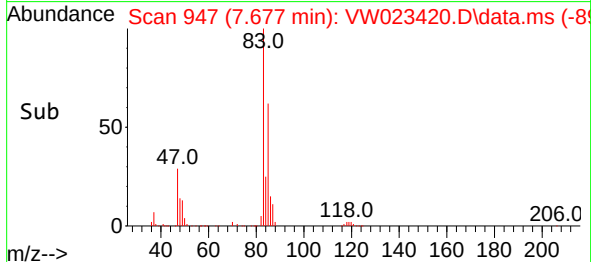
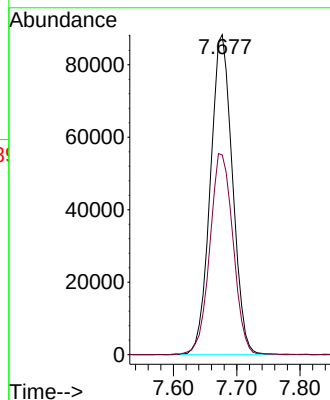
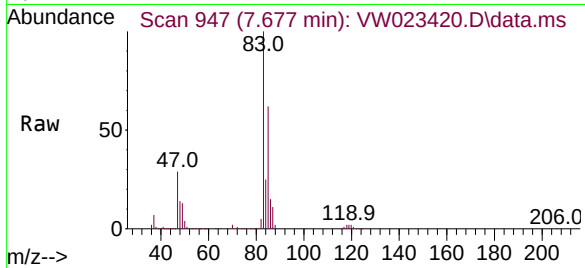




#25
Chloroform
Concen: 25.528 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

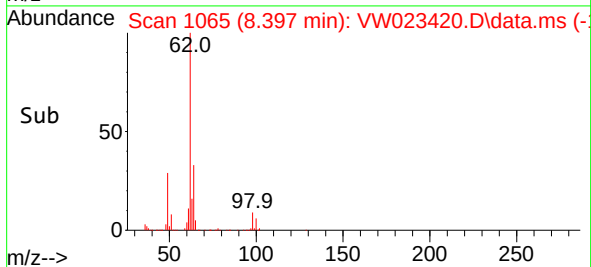
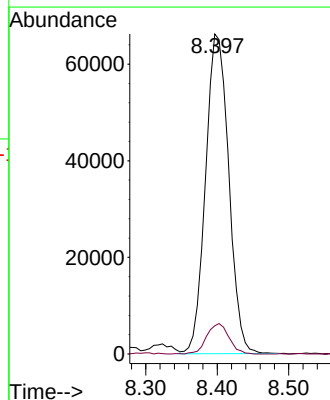
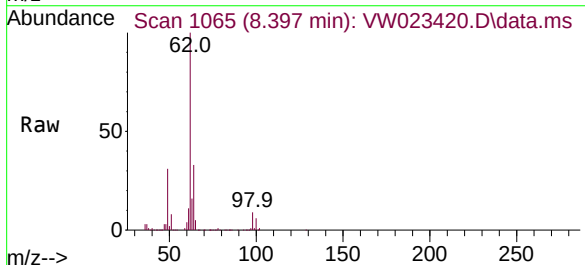
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

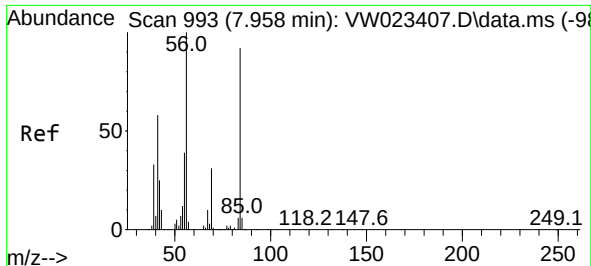
Tgt Ion: 83 Resp: 214725
Ion Ratio Lower Upper
83 100
85 62.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 28.188 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion: 62 Resp: 149276
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 22.856 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

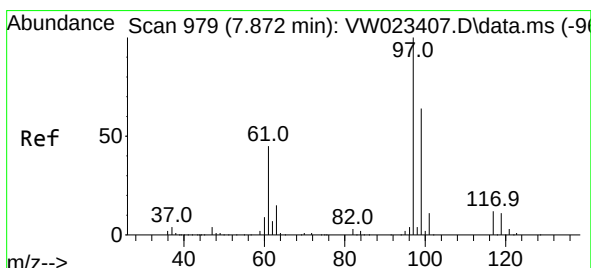
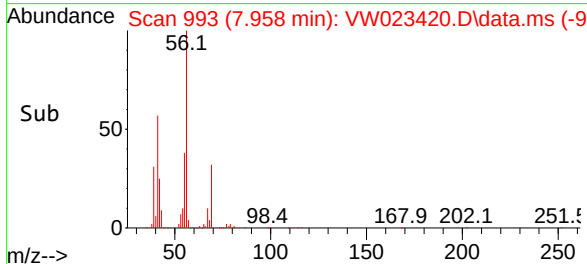
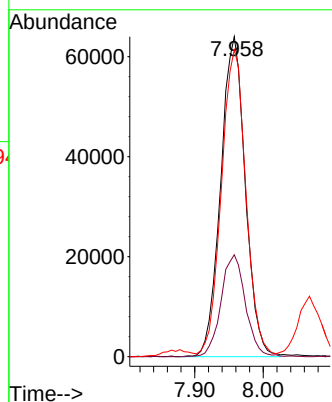
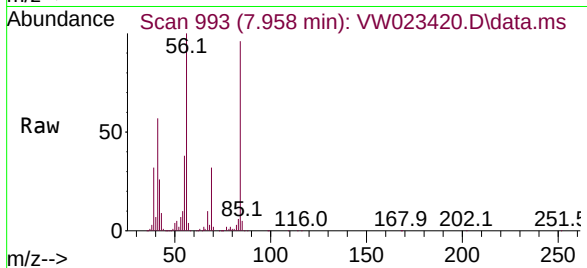
Tgt Ion: 56 Resp: 159462

Ion Ratio Lower Upper

56 100

69 31.6 25.6 38.4

84 95.7 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 22.973 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

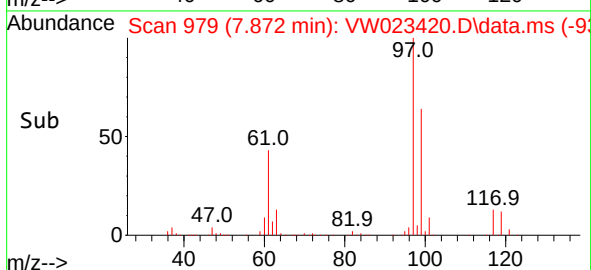
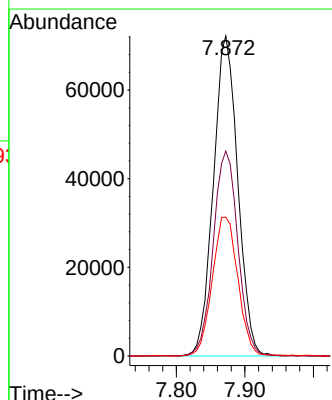
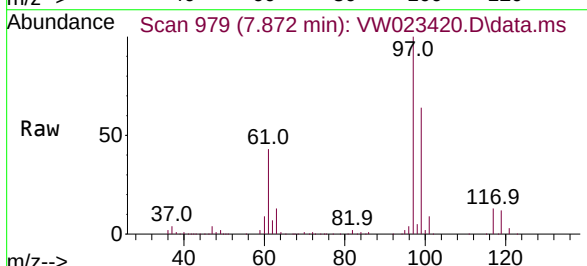
Tgt Ion: 97 Resp: 178454

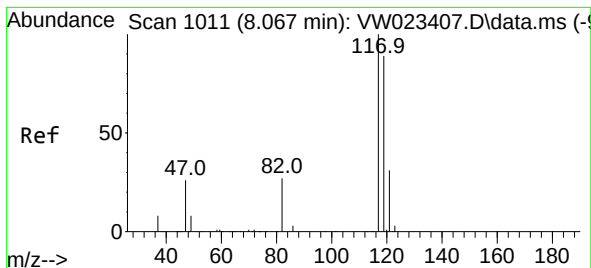
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 45.5 34.8 52.2





#31

Carbon tetrachloride

Concen: 21.870 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

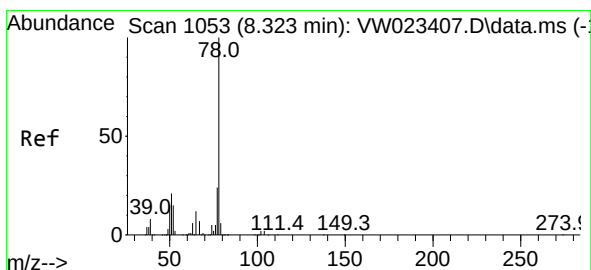
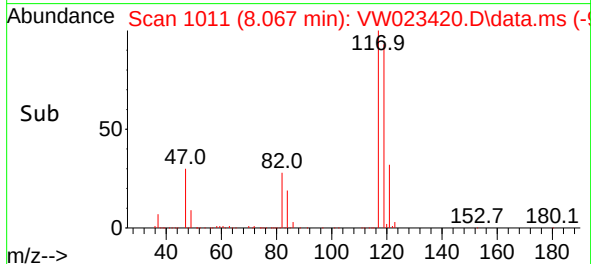
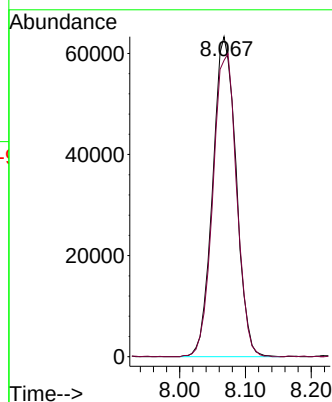
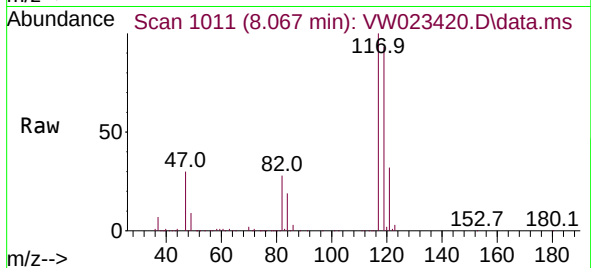
VSTD025565

Tgt Ion:117 Resp: 156730

Ion Ratio Lower Upper

117 100

119 96.0 76.6 115.0



#33

Benzene

Concen: 24.438 ug/L

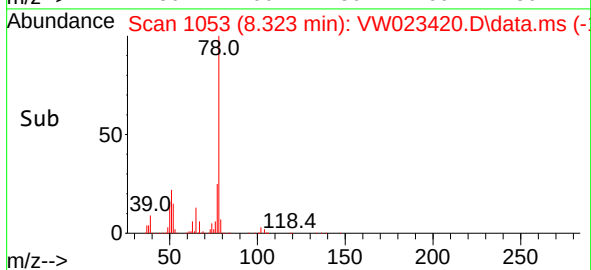
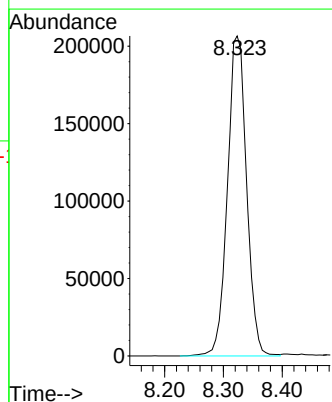
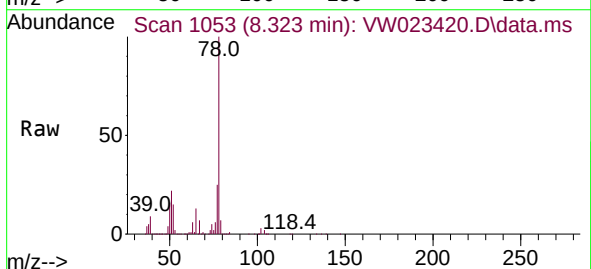
RT: 8.323 min Scan# 1053

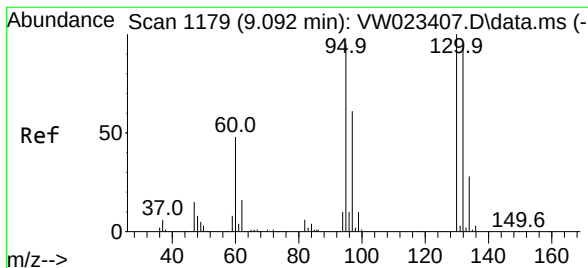
Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Tgt Ion: 78 Resp: 468281





#34

Trichloroethene

Concen: 22.922 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

Tgt Ion: 95 Resp: 120155

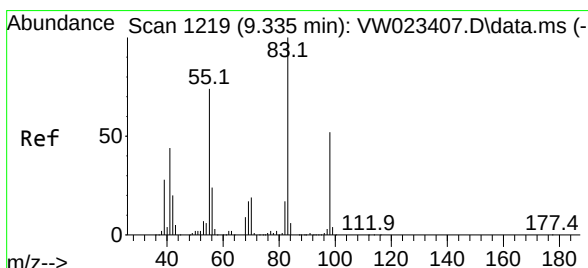
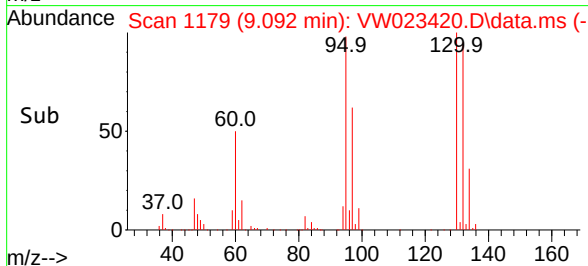
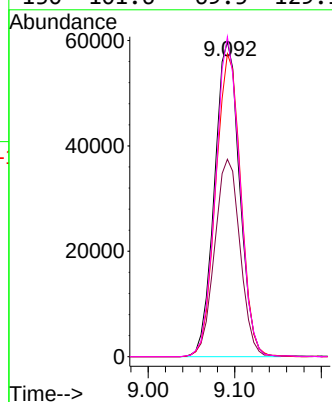
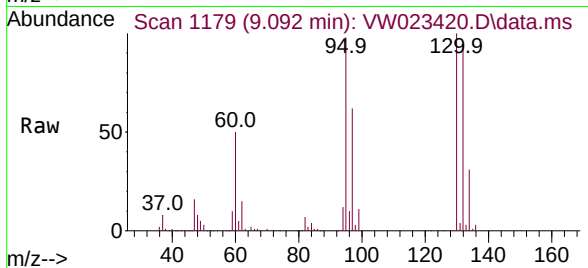
Ion Ratio Lower Upper

95 100

97 62.7 46.1 85.7

132 96.2 66.9 124.3

130 101.6 69.5 129.1



#35

Methylcyclohexane

Concen: 22.578 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

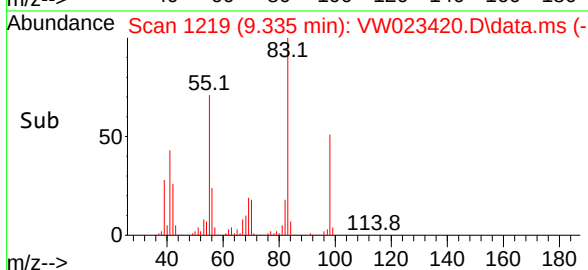
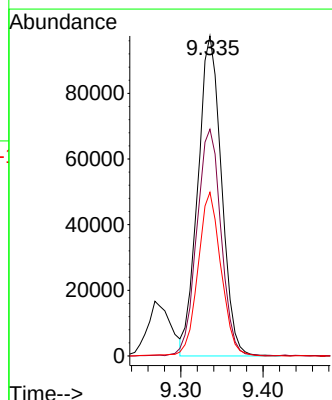
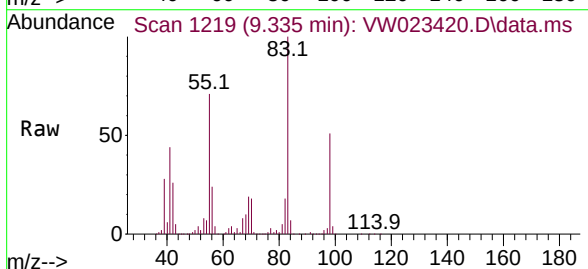
Tgt Ion: 83 Resp: 194260

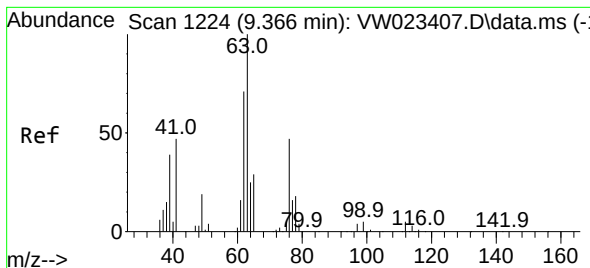
Ion Ratio Lower Upper

83 100

55 72.7 55.1 82.7

98 49.9 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.120 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

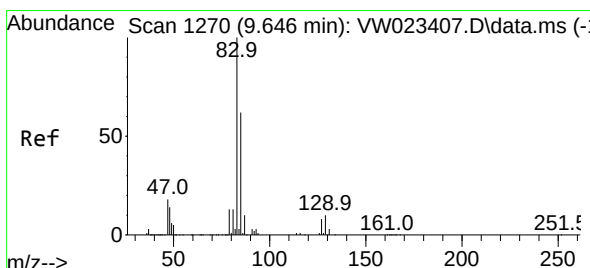
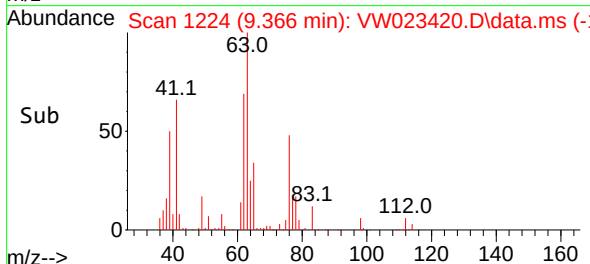
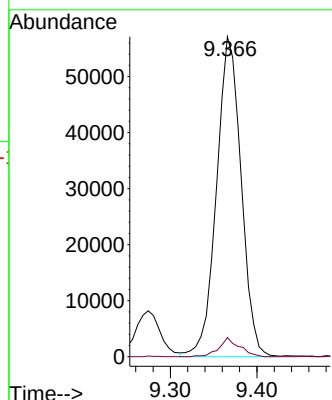
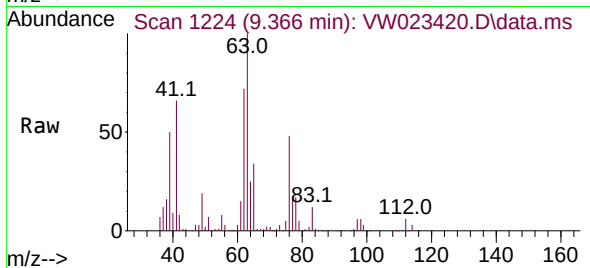
VSTD025565

Tgt Ion: 63 Resp: 112797

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 26.025 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

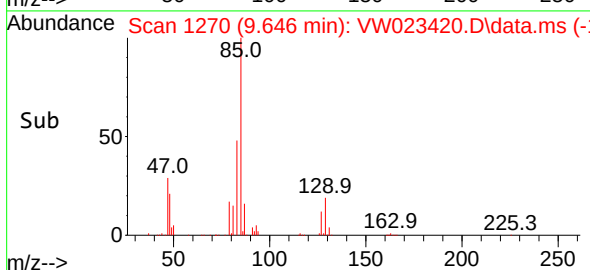
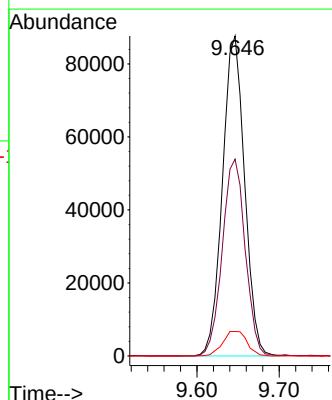
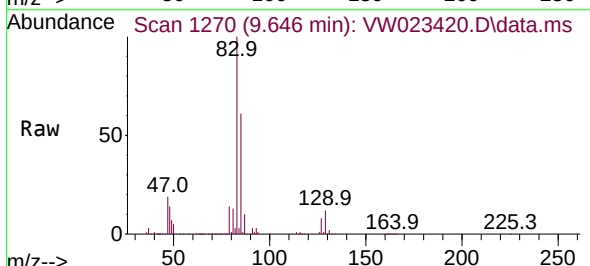
Tgt Ion: 83 Resp: 163956

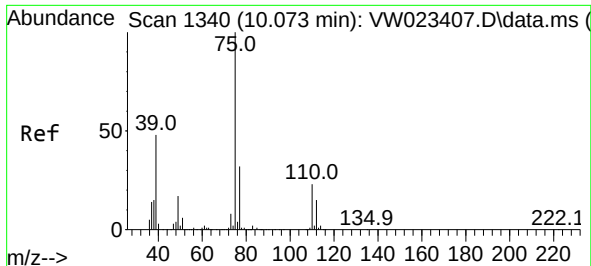
Ion Ratio Lower Upper

83 100

85 61.5 43.5 80.7

127 7.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.852 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

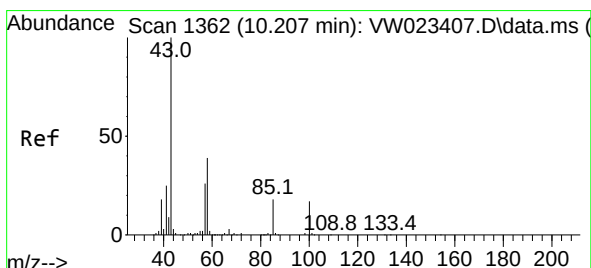
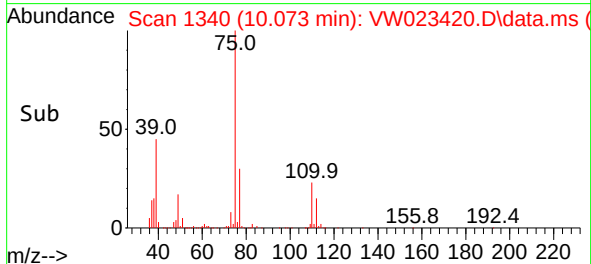
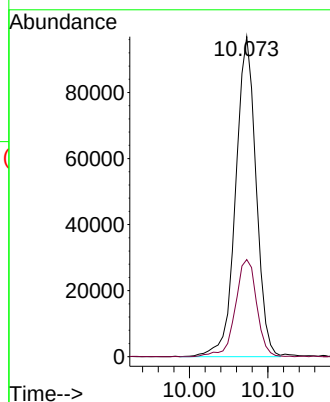
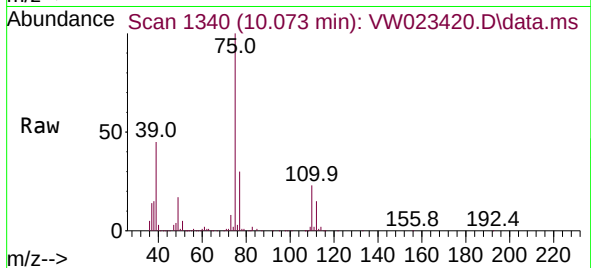
VSTD025565

Tgt Ion: 75 Resp: 174823

Ion Ratio Lower Upper

75 100

77 30.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 60.671 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

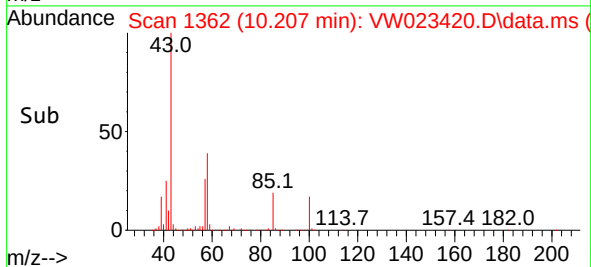
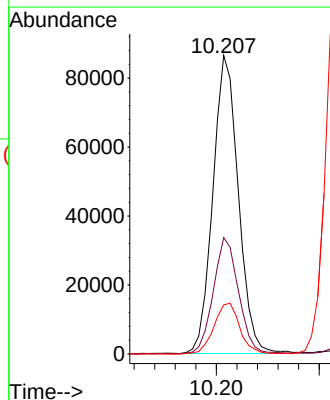
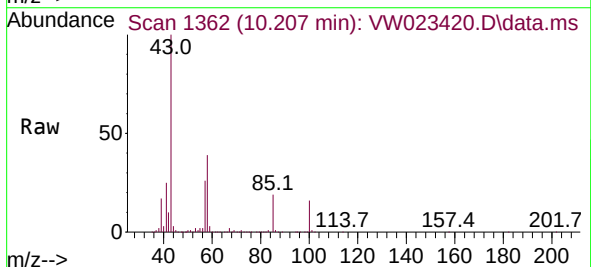
Tgt Ion: 43 Resp: 148127

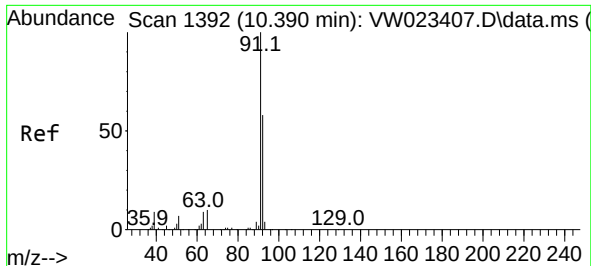
Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.2

100 17.5 14.2 21.4

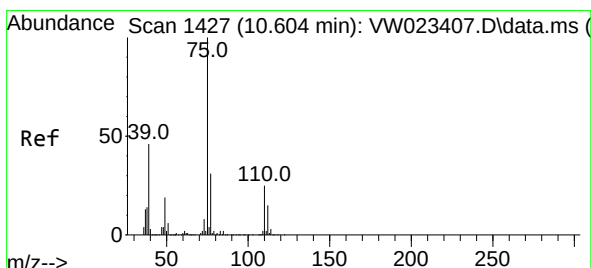
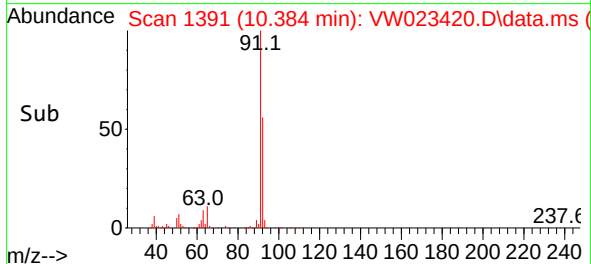
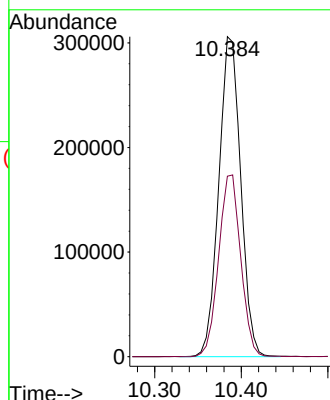
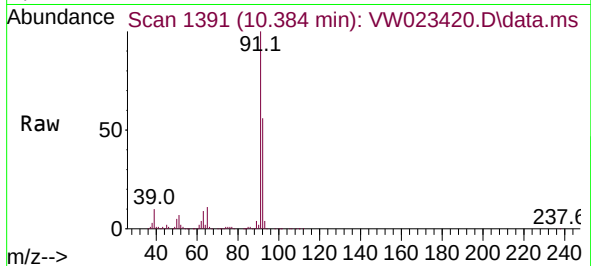




#42
Toluene
Concen: 24.882 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

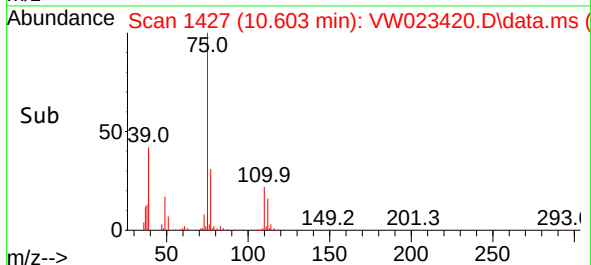
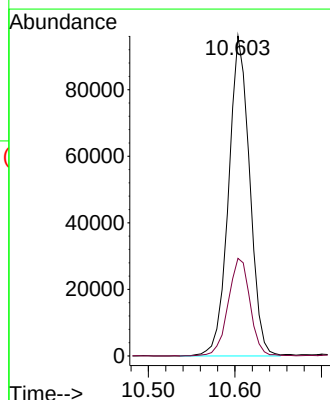
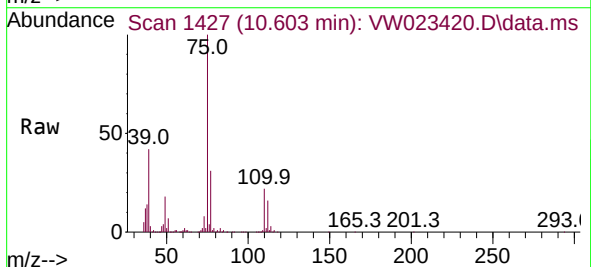
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

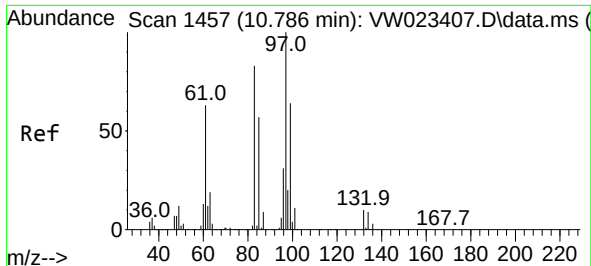
Tgt Ion: 91 Resp: 537618
Ion Ratio Lower Upper
91 100
92 56.4 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 26.472 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion: 75 Resp: 162526
Ion Ratio Lower Upper
75 100
77 30.5 22.0 40.8



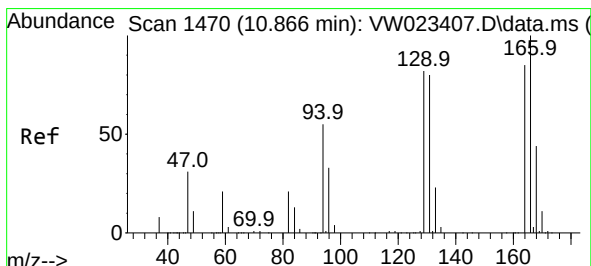
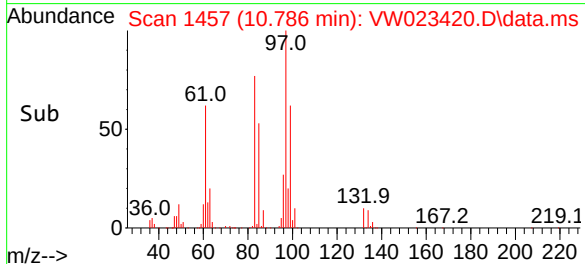
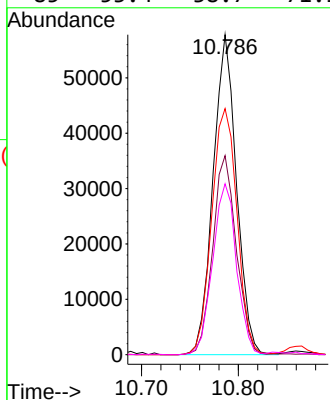
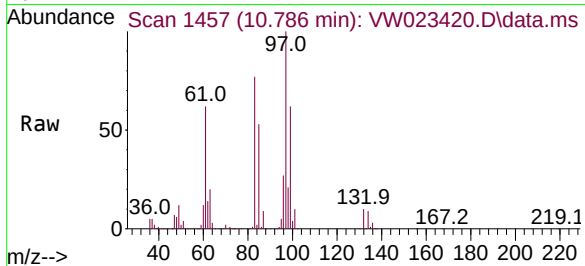


#45
1,1,2-Trichloroethane
Concen: 26.908 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Tgt Ion: 97 Resp: 97002

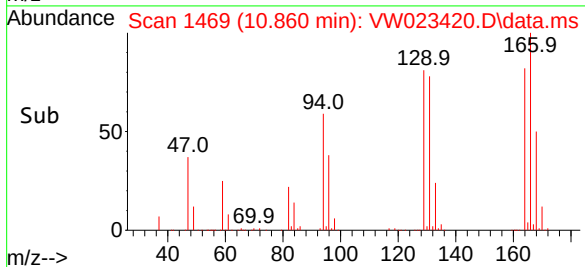
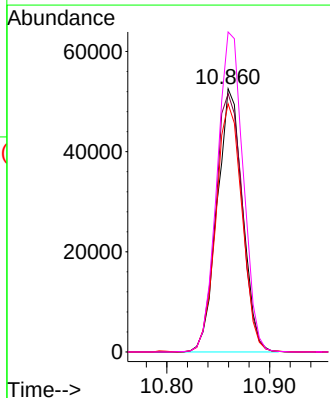
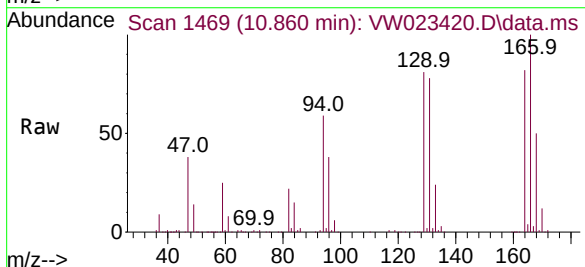
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.7	82.9
83	76.9	58.4	108.4
85	53.4	38.7	71.9

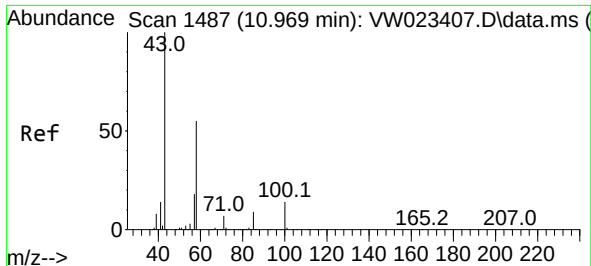


#46
Tetrachloroethene
Concen: 21.803 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion: 164 Resp: 90410

Ion	Ratio	Lower	Upper
164	100		
129	98.1	76.9	142.7
131	94.3	75.1	139.5
166	121.6	96.0	178.2



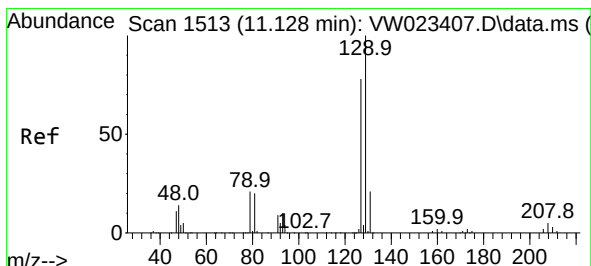
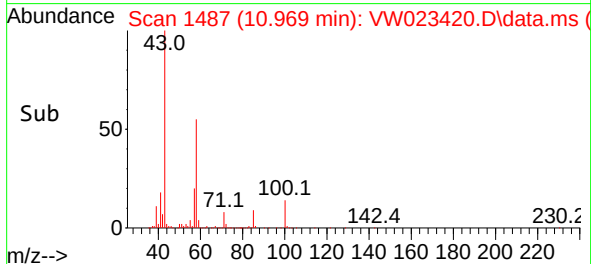
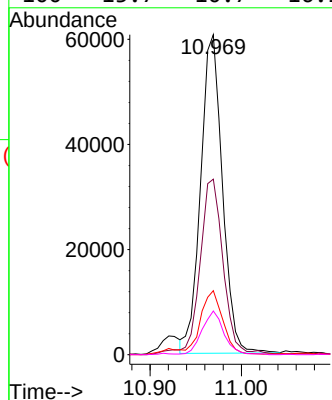
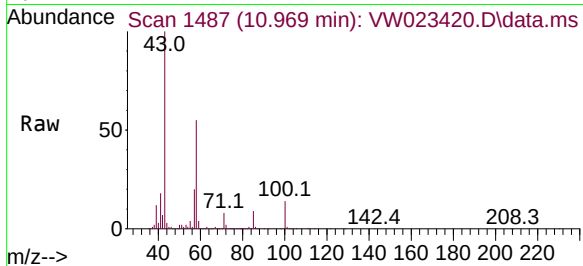


#48
2-Hexanone
Concen: 63.637 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Tgt Ion: 43 Resp: 100472

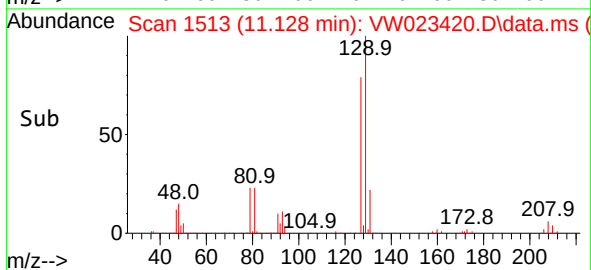
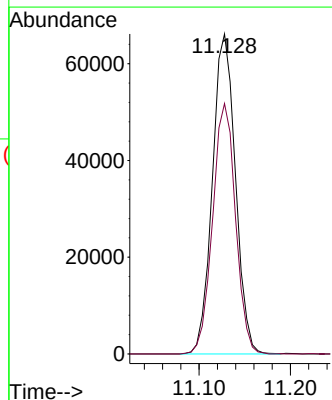
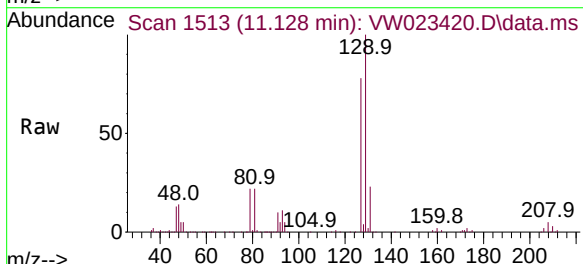
Ion	Ratio	Lower	Upper
43	100		
58	56.6	45.9	68.9
57	20.4	16.2	24.2
100	13.7	10.7	16.1

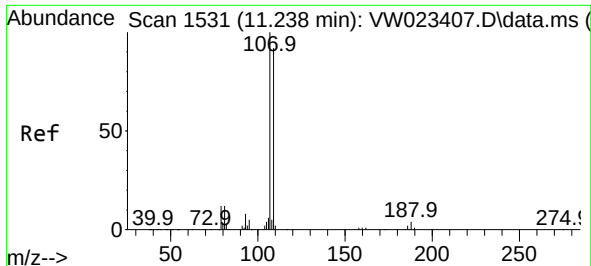


#49
Dibromochloromethane
Concen: 26.523 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion: 129 Resp: 115644

Ion	Ratio	Lower	Upper
129	100		
127	78.2	53.8	100.0





#50

1,2-Dibromoethane

Concen: 26.794 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

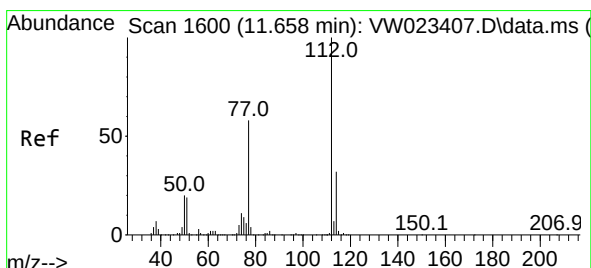
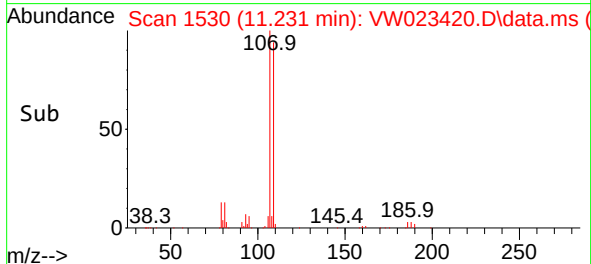
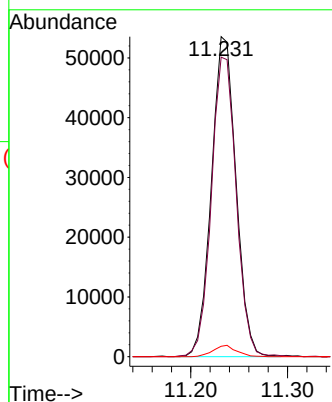
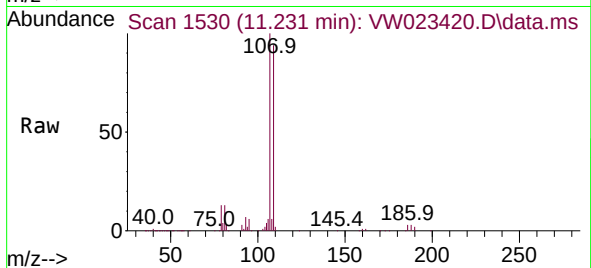
Tgt Ion:107 Resp: 94621

Ion Ratio Lower Upper

107 100

109 93.6 67.5 125.4

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 24.715 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

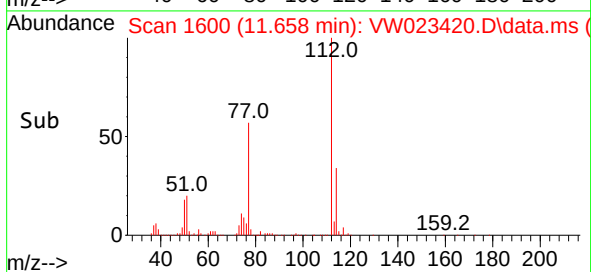
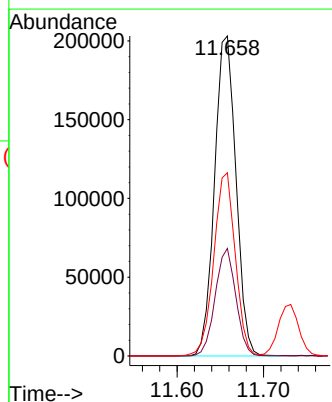
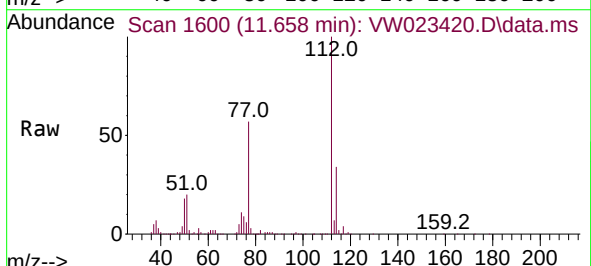
Tgt Ion:112 Resp: 349488

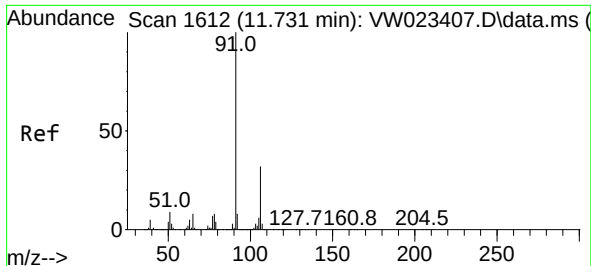
Ion Ratio Lower Upper

112 100

114 33.6 22.0 41.0

77 57.3 42.6 63.8

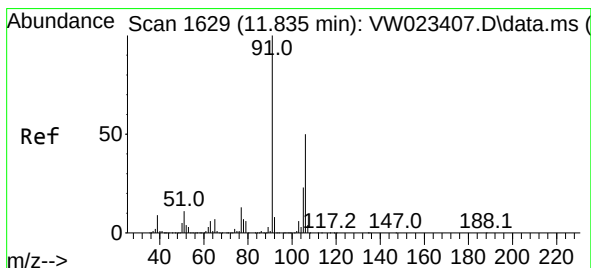
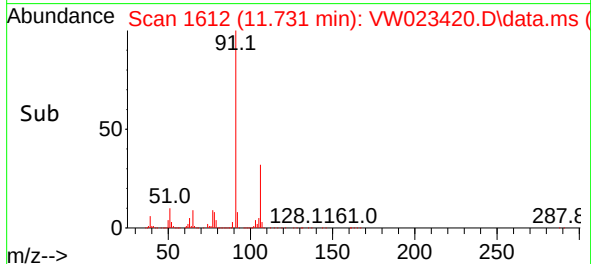
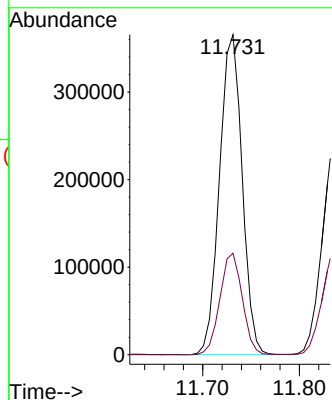
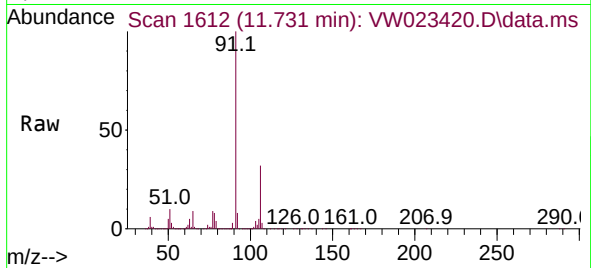




#52
Ethylbenzene
Concen: 24.958 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

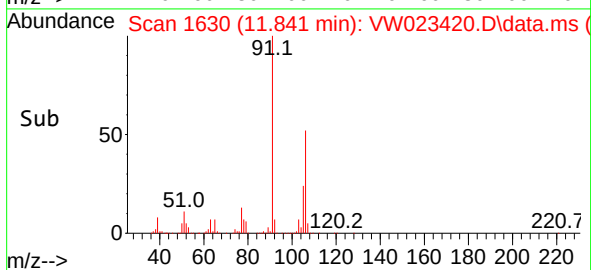
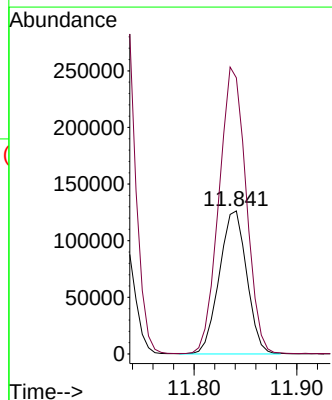
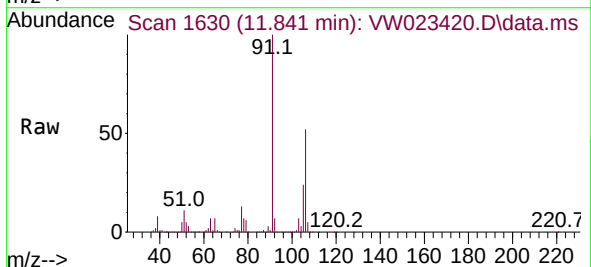
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

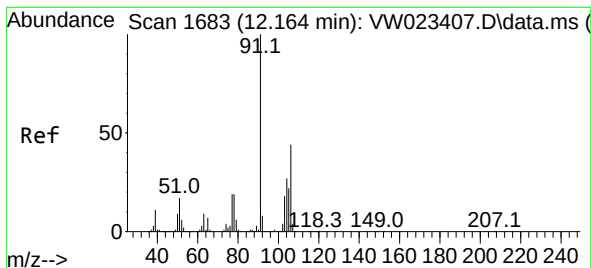
Tgt Ion: 91 Resp: 594157
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 25.442 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion: 106 Resp: 234433
Ion Ratio Lower Upper
106 100
91 193.2 136.8 254.0





#54

o-Xylene

Concen: 25.743 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

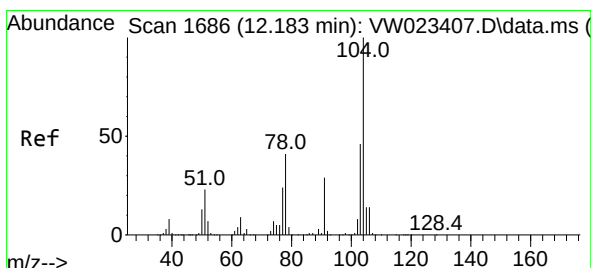
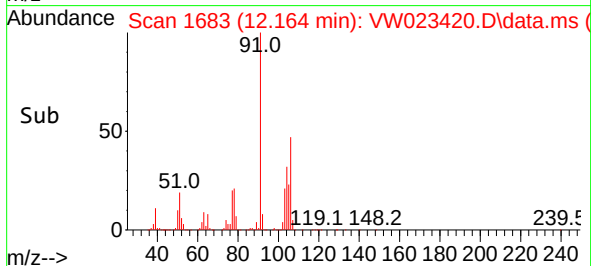
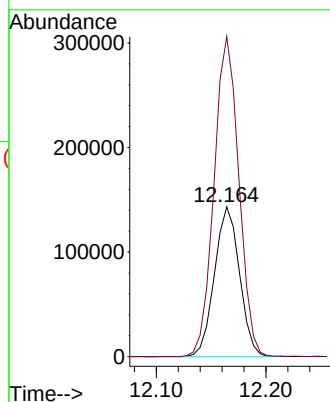
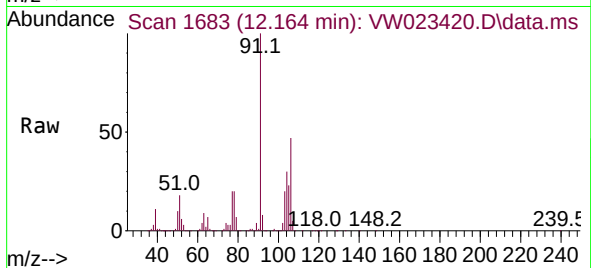
VSTD025565

Tgt Ion:106 Resp: 227235

Ion Ratio Lower Upper

106 100

91 213.3 147.2 273.4



#55

Styrene

Concen: 26.393 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW023420.D

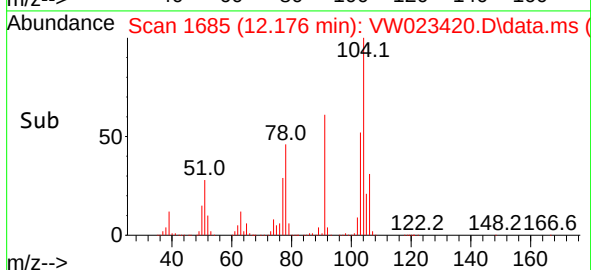
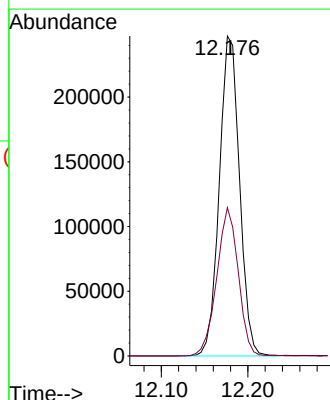
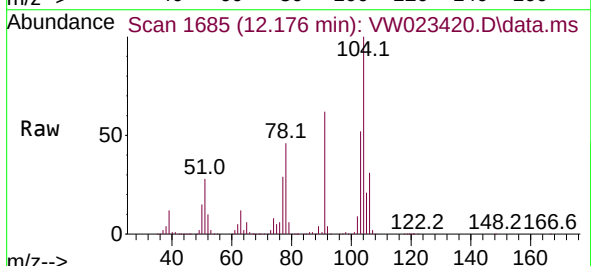
Acq: 07 Jun 2022 18:28

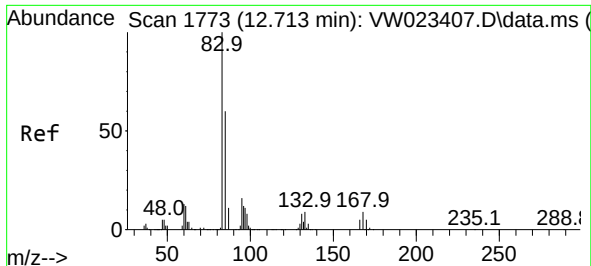
Tgt Ion:104 Resp: 400901

Ion Ratio Lower Upper

104 100

78 46.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 28.334 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

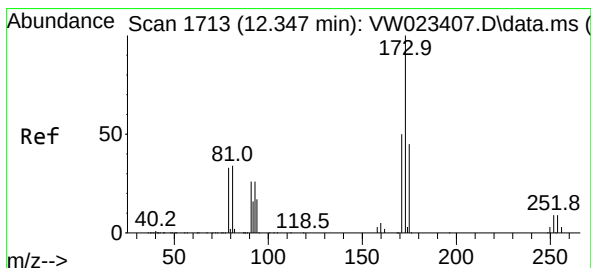
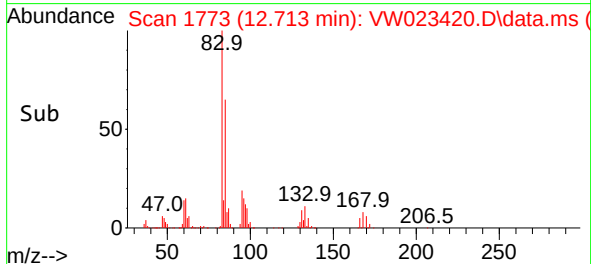
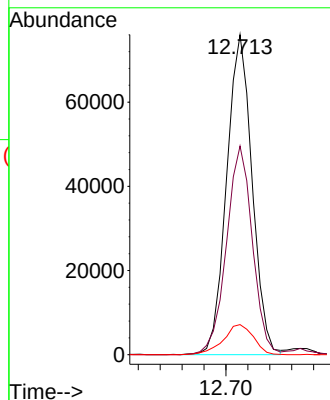
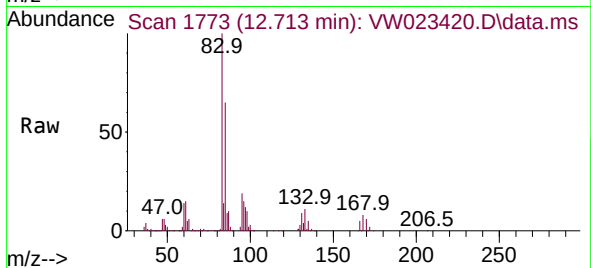
Tgt Ion: 83 Resp: 122491

Ion Ratio Lower Upper

83 100

85 65.2 47.5 88.1

131 9.4 8.7 13.1



#59

Bromoform

Concen: 26.061 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

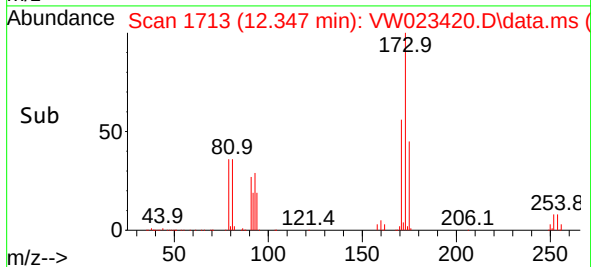
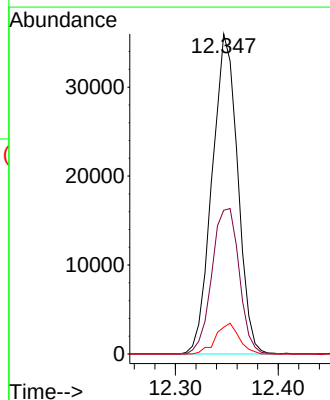
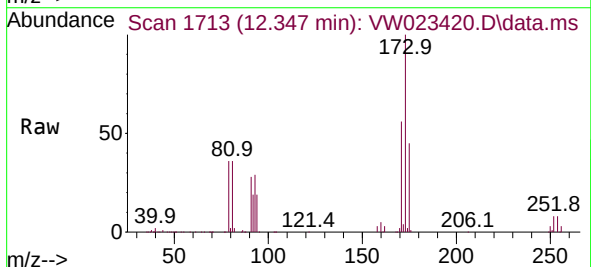
Tgt Ion:173 Resp: 62117

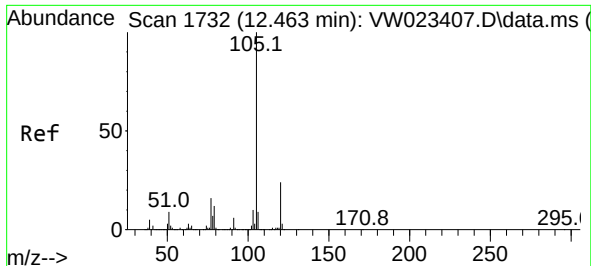
Ion Ratio Lower Upper

173 100

175 48.4 38.1 57.1

254 8.7 6.5 9.7

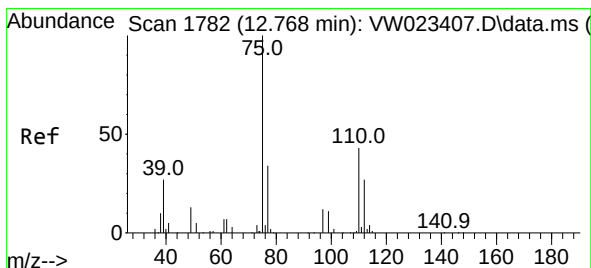
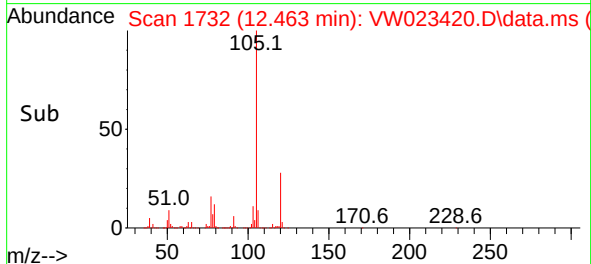
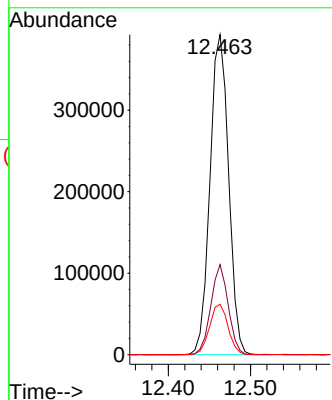
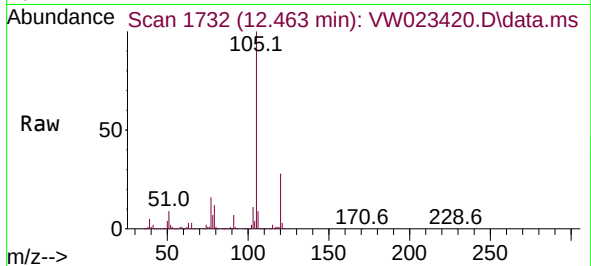




#60
Isopropylbenzene
Concen: 25.073 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

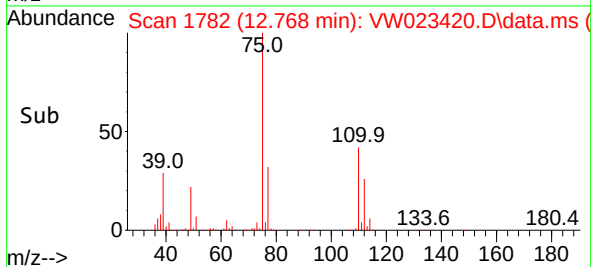
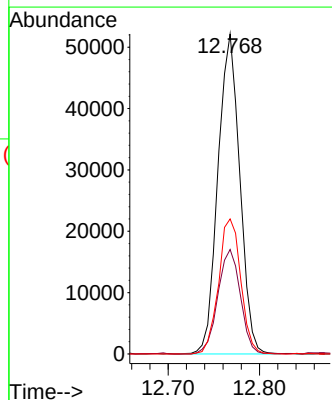
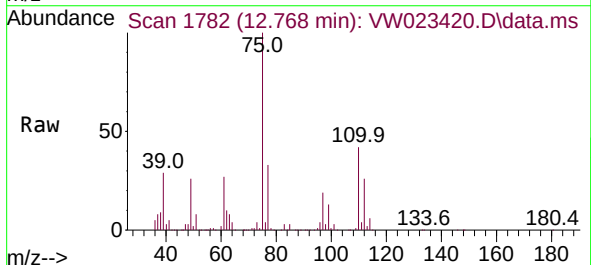
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

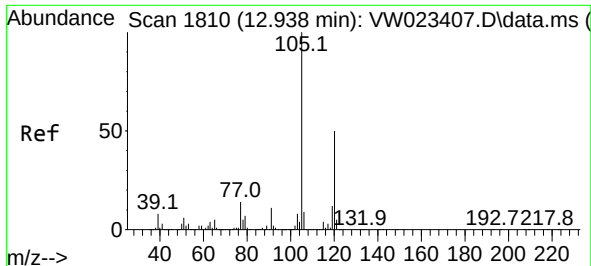
Tgt Ion:105 Resp: 617152
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 27.870 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion: 75 Resp: 86705
Ion Ratio Lower Upper
75 100
77 33.7 26.2 39.2
110 42.8 34.1 51.1

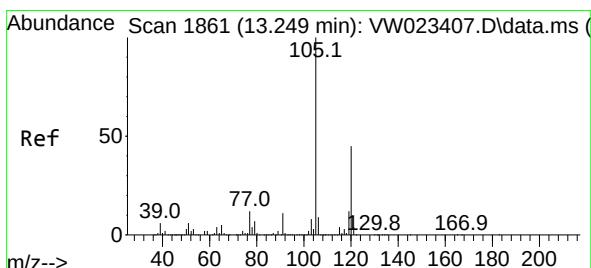
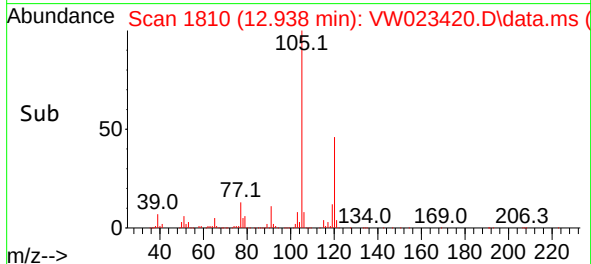
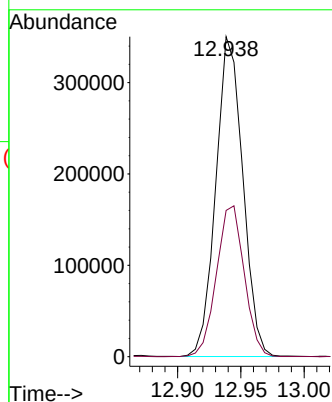
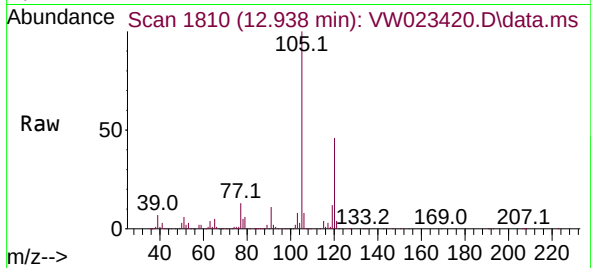




#62
1,3,5-Trimethylbenzene
Concen: 25.432 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

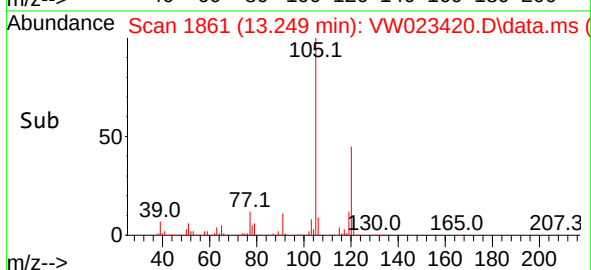
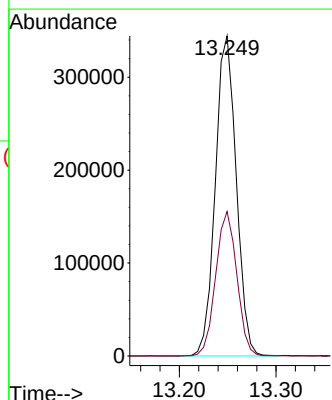
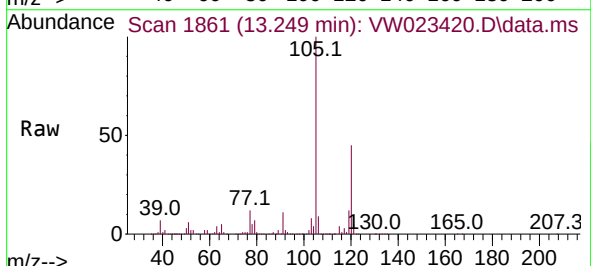
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

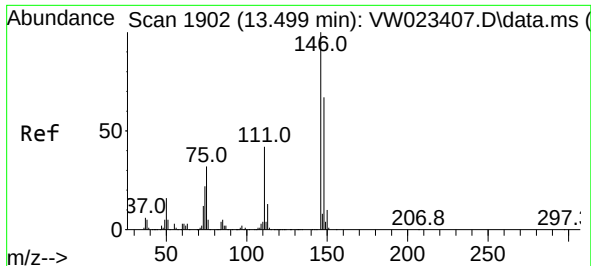
Tgt Ion:105 Resp: 518102
Ion Ratio Lower Upper
105 100
120 48.7 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 25.651 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023420.D
Acq: 07 Jun 2022 18:28

Tgt Ion:105 Resp: 517211
Ion Ratio Lower Upper
105 100
120 45.6 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 24.125 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

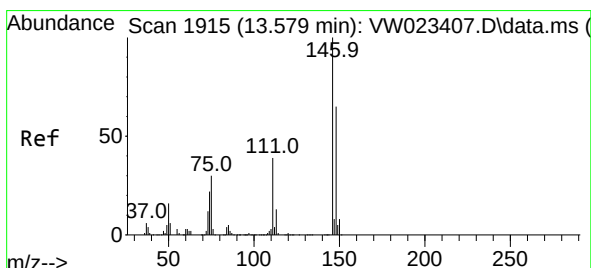
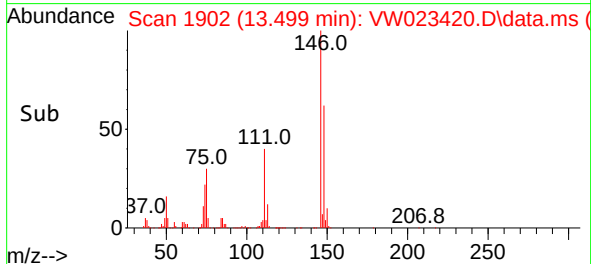
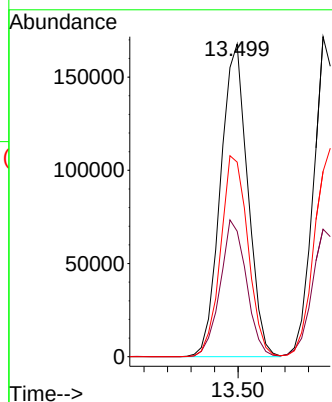
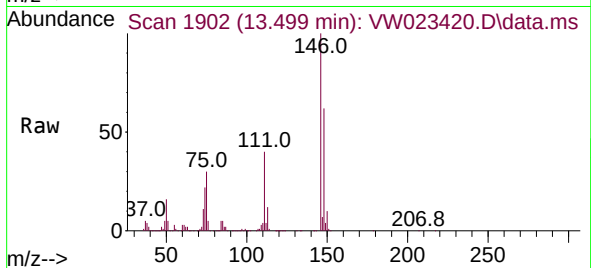
Tgt Ion:146 Resp: 269438

Ion Ratio Lower Upper

146 100

111 40.1 29.5 54.9

148 62.2 48.6 90.2



#65

1,4-Dichlorobenzene

Concen: 23.783 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

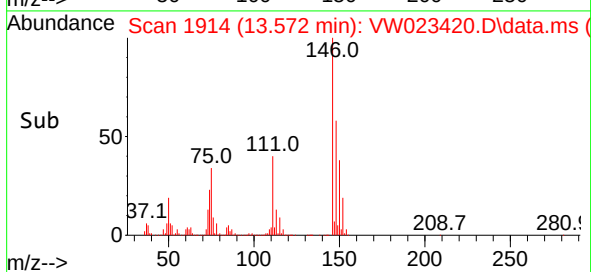
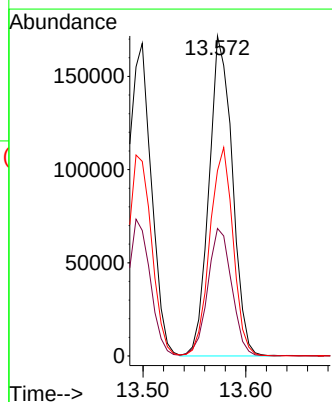
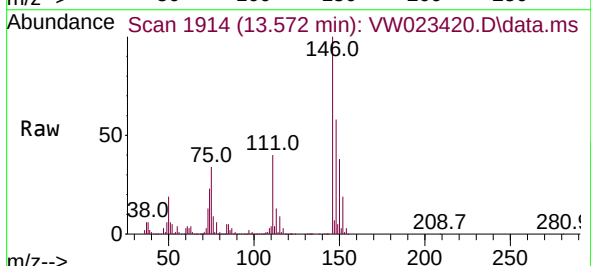
Tgt Ion:146 Resp: 271666

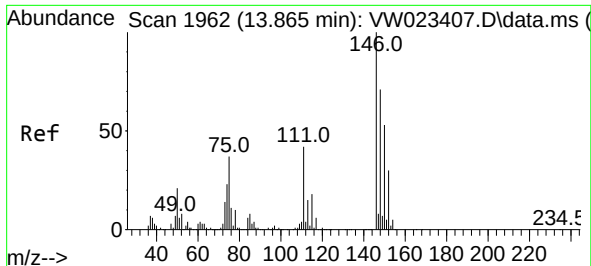
Ion Ratio Lower Upper

146 100

111 39.8 27.2 50.4

148 57.9 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.404 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

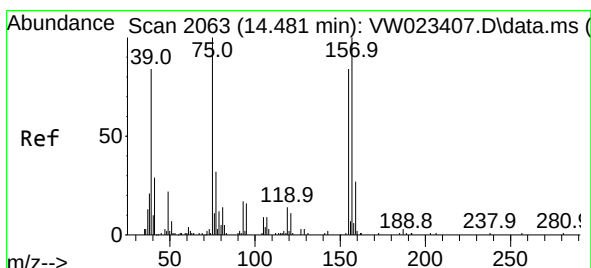
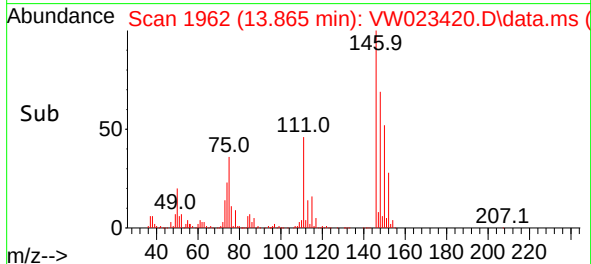
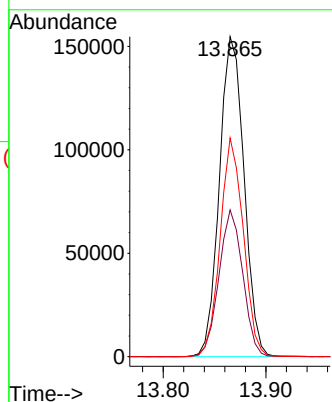
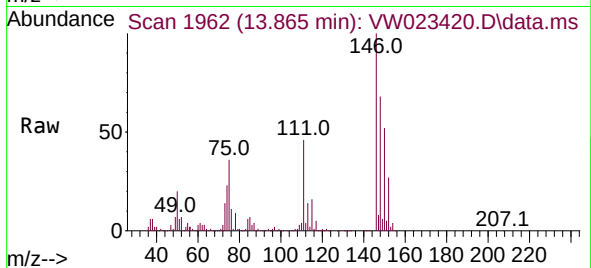
Tgt Ion:146 Resp: 257386

Ion Ratio Lower Upper

146 100

111 45.8 35.7 53.5

148 68.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 28.781 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

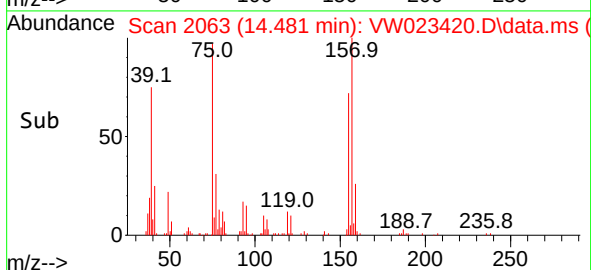
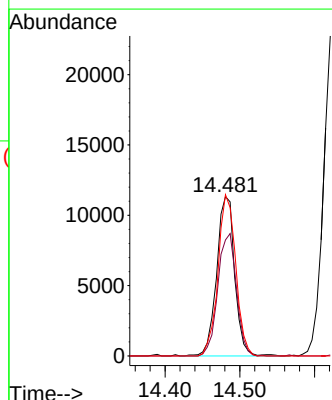
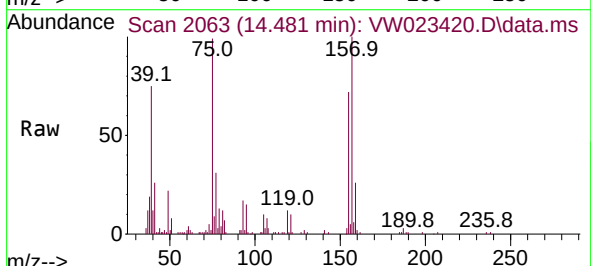
Tgt Ion: 75 Resp: 19014

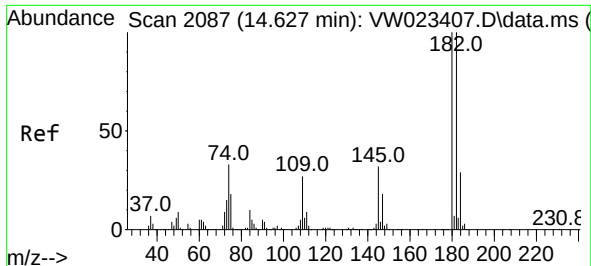
Ion Ratio Lower Upper

75 100

155 72.8 59.3 88.9

157 101.2 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 22.887 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

Tgt Ion:180 Resp: 169022

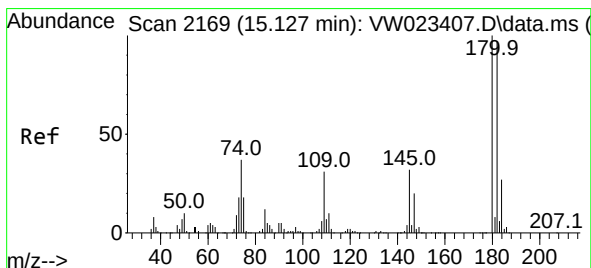
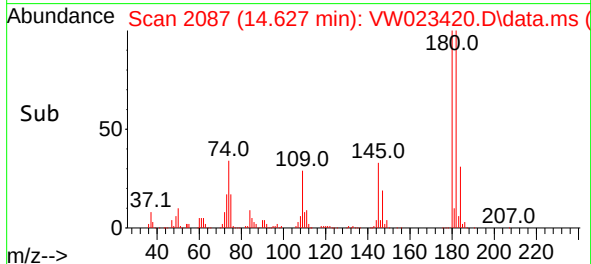
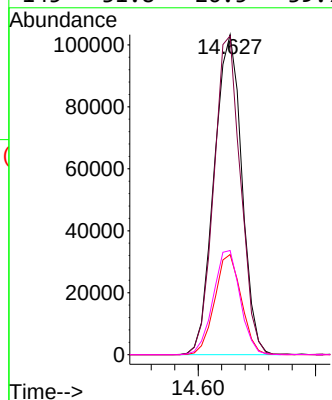
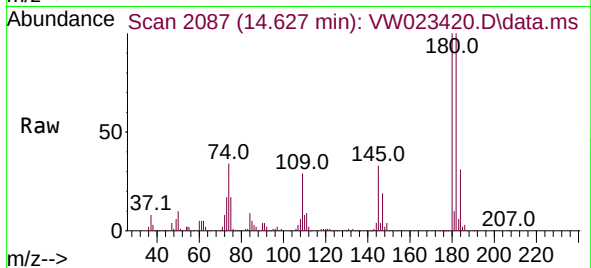
Ion Ratio Lower Upper

180 100

182 95.9 74.8 112.2

184 30.1 23.4 35.2

145 31.8 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 23.977 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

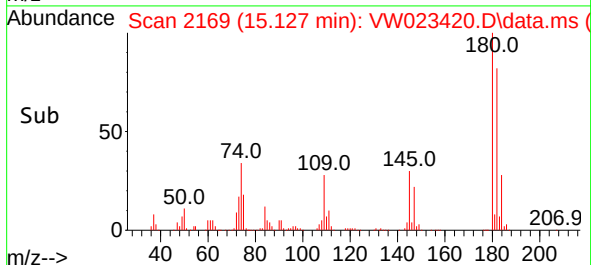
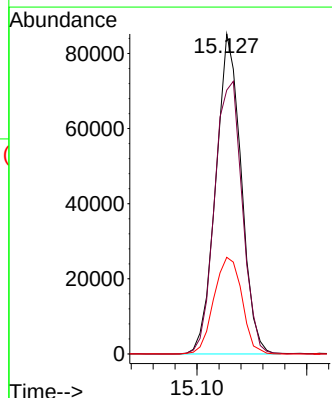
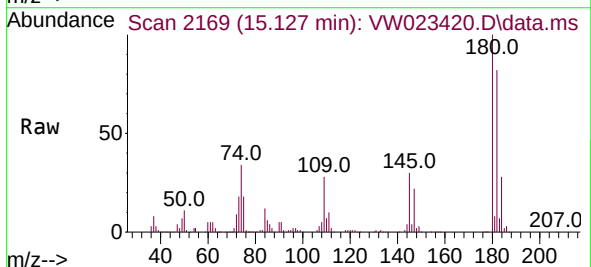
Tgt Ion:180 Resp: 137155

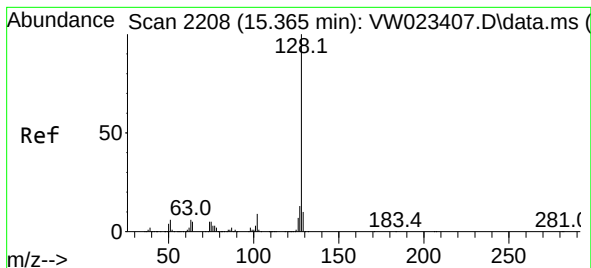
Ion Ratio Lower Upper

180 100

182 93.0 74.9 112.3

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 28.696 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

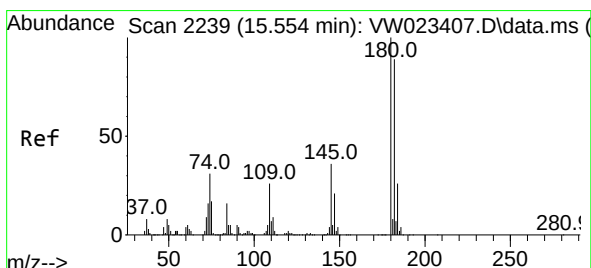
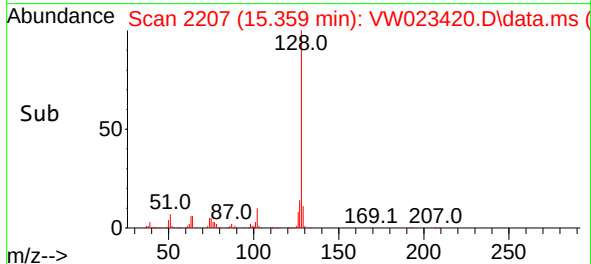
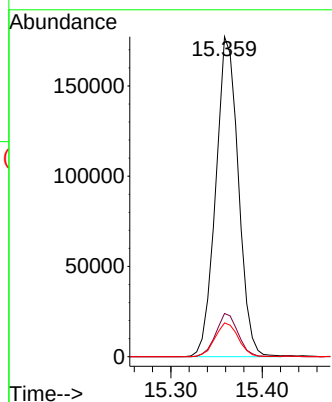
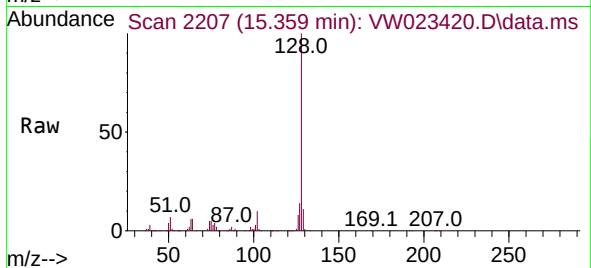
Tgt Ion:128 Resp: 304649

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.087 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023420.D

Acq: 07 Jun 2022 18:28

Tgt Ion:180 Resp: 124779

Ion Ratio Lower Upper

180 100

182 96.9 73.5 110.3

145 34.5 27.9 41.9

