

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070522\
 Data File : VW023565.D
 Acq On : 05 Jul 2022 11:56
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Quant Time: Jul 05 23:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 05 23:57:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	342762	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	332061	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	180490	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	155178	31.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.600%	
7) Chloroethane-d5	2.879	69	83400	24.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 98.800%	
11) 1,1-Dichloroethene-d2	4.019	63	174761	28.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 115.240%#	
21) 2-Butanone-d5	7.080	46	59180	48.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.380%	
24) Chloroform-d	7.647	84	254691	27.220	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.880%	
26) 1,2-Dichloroethane-d4	8.305	65	137137	26.541	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.160%	
32) Benzene-d6	8.275	84	483267	26.918	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.680%	
36) 1,2-Dichloropropane-d6	9.268	67	138930	26.174	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.680%	
41) Toluene-d8	10.323	98	465876	26.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.720%	
43) trans-1,3-Dichloroprop...	10.579	79	60022	25.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.120%	
47) 2-Hexanone-d5	10.921	63	49593	49.254	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.500%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	129688	25.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.800%	
66) 1,2-Dichlorobenzene-d4	13.847	152	172368	26.185	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	37719	28.478	ug/L	90
3) Chloromethane	2.215	50	107789	26.290	ug/L	99
5) Vinyl chloride	2.361	62	182154	32.988	ug/L	97
6) Bromomethane	2.776	94	75509	20.733	ug/L	100
8) Chloroethane	2.922	64	60000	24.175	ug/L	97
9) Trichlorofluoromethane	3.245	101	54137	21.164	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	115249	27.834	ug/L	99
12) 1,1-Dichloroethene	4.032	96	97364	28.266	ug/L	93
13) Acetone	4.123	43	36553	43.219	ug/L	99
14) Carbon disulfide	4.385	76	298536	32.132	ug/L	96
15) Methyl Acetate	4.672	43	46355	23.923	ug/L	99
16) Methylene chloride	4.916	84	108613	22.214	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	115546	26.580	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	160993	25.253	ug/L	99
19) 1,1-Dichloroethane	6.208	63	203185	26.502	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	124460	26.272	ug/L	96
22) 2-Butanone	7.171	43	63326	45.797	ug/L	98
23) Bromochloromethane	7.507	128	61181	26.093	ug/L	97
25) Chloroform	7.677	83	231359	27.034	ug/L	93

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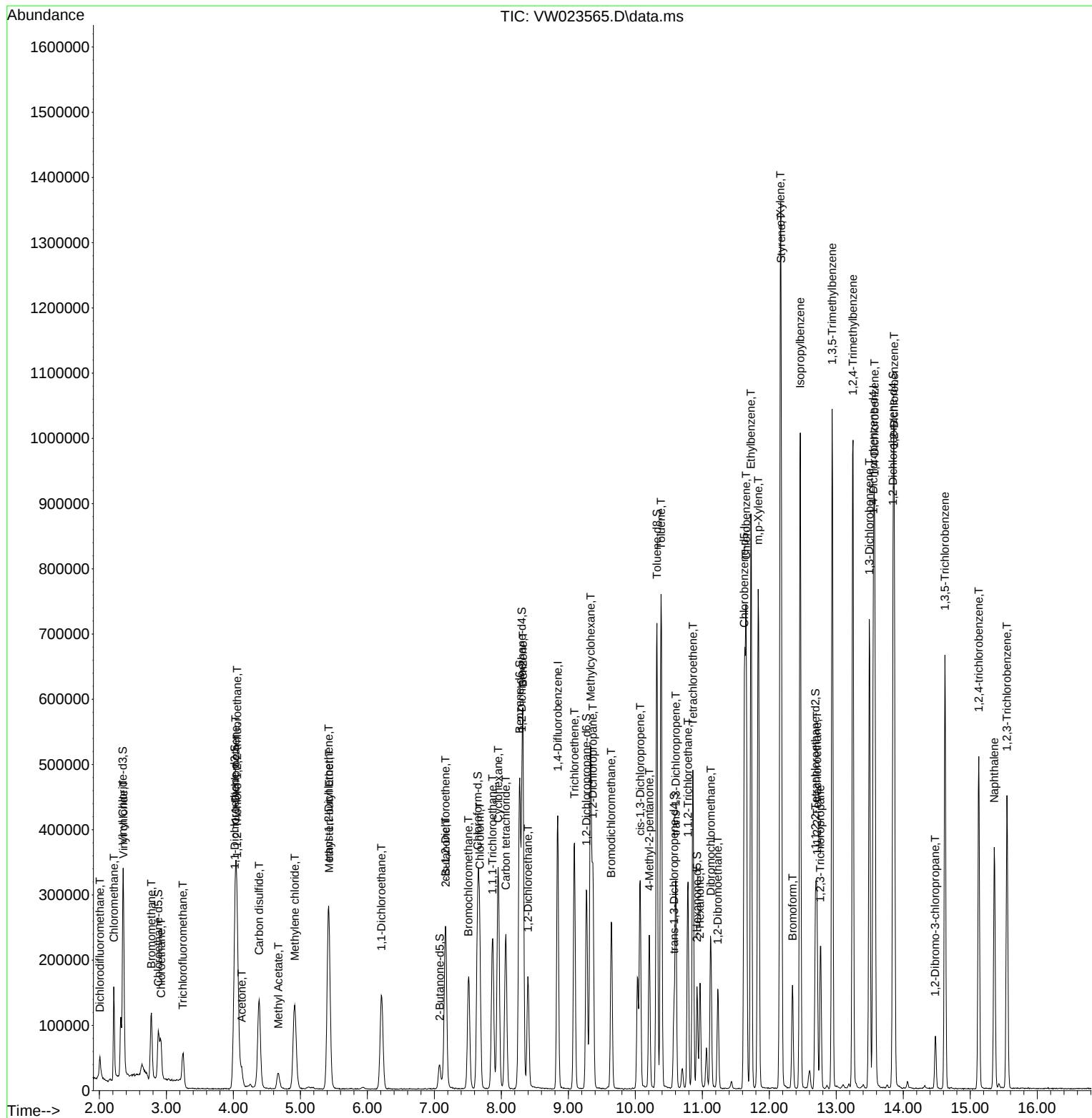
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	149367	26.399	ug/L	98
29) Cyclohexane	7.952	56	173132	27.575	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	185974	25.822	ug/L	99
31) Carbon tetrachloride	8.067	117	171705	26.373	ug/L	100
33) Benzene	8.323	78	490009	26.230	ug/L	100
34) Trichloroethene	9.092	95	128704	25.714	ug/L	97
35) Methylcyclohexane	9.336	83	214117	27.187	ug/L	100
37) 1,2-Dichloropropane	9.366	63	118004	26.114	ug/L	99
38) Bromodichloromethane	9.640	83	164203	25.381	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	184152	26.318	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	144126	48.666	ug/L	99
42) Toluene	10.384	91	553094	26.767	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	168302	26.024	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	97693	25.427	ug/L	96
46) Tetrachloroethene	10.860	164	98782	24.539	ug/L	98
48) 2-Hexanone	10.963	43	101448	49.873	ug/L	100
49) Dibromochloromethane	11.128	129	118543	25.250	ug/L	98
50) 1,2-Dibromoethane	11.232	107	95309	24.895	ug/L	94
51) Chlorobenzene	11.652	112	362162	25.614	ug/L	97
52) Ethylbenzene	11.725	91	616361	26.743	ug/L	99
53) m,p-Xylene	11.835	106	246421	27.194	ug/L	96
54) o-Xylene	12.164	106	234871	27.442	ug/L	93
55) Styrene	12.176	104	415921	27.805	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	123334	24.959	ug/L	98
59) Bromoform	12.347	173	64802	24.198	ug/L	98
60) Isopropylbenzene	12.463	105	626451	26.310	ug/L	98
61) 1,2,3-Trichloropropane	12.762	75	86593	23.818	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	532115	26.899	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	534272	26.913	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	283845	24.804	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	286980	24.727	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	267298	25.775	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.475	75	18928	22.765	ug/L	88
69) 1,3,5-Trichlorobenzene	14.621	180	185177	24.236	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	149443	24.237	ug/L	98
71) Naphthalene	15.359	128	308102	24.084	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	131474	23.362	ug/L	97

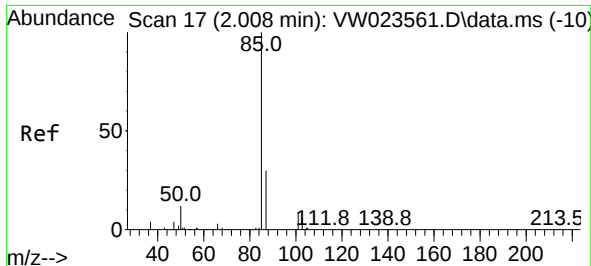
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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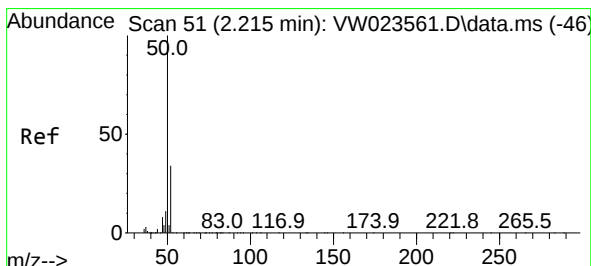
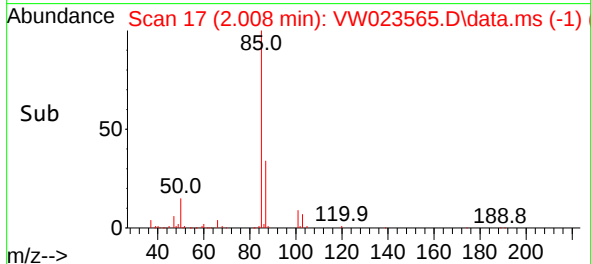
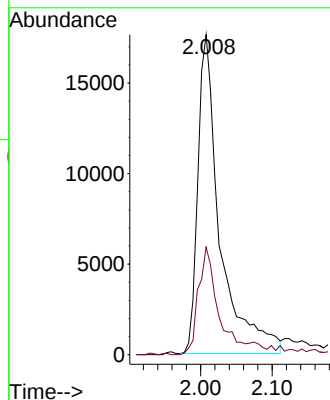
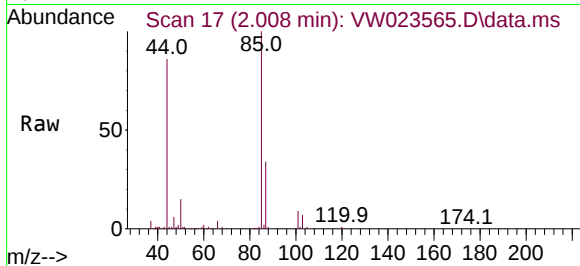




#2
 Dichlorodifluoromethane
 Concen: 28.478 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023565.D
 Acq: 05 Jul 2022 11:56

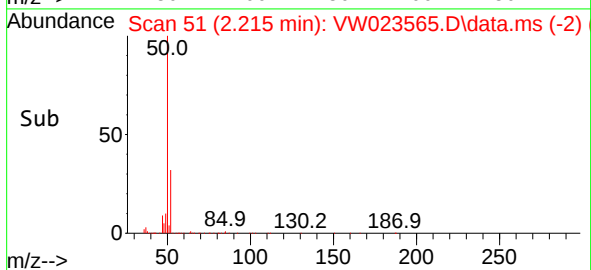
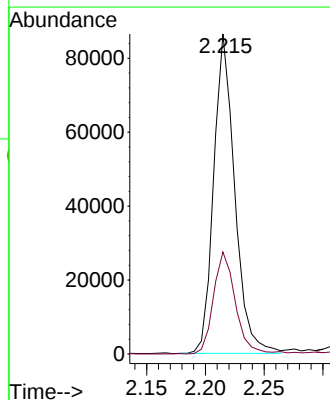
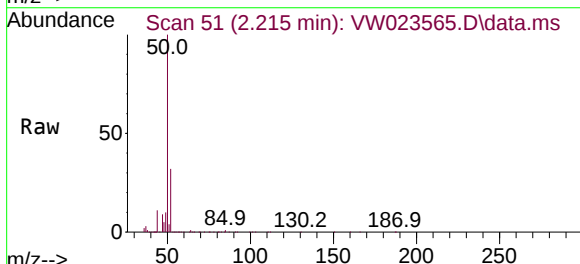
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 ClientSampleId :
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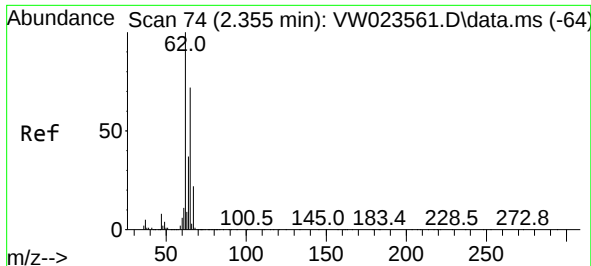
Tgt Ion: 85 Resp: 37719
 Ion Ratio Lower Upper
 85 100
 87 26.9 26.0 39.0



#3
 Chloromethane
 Concen: 26.290 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023565.D
 Acq: 05 Jul 2022 11:56

Tgt Ion: 50 Resp: 107789
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.5 41.9

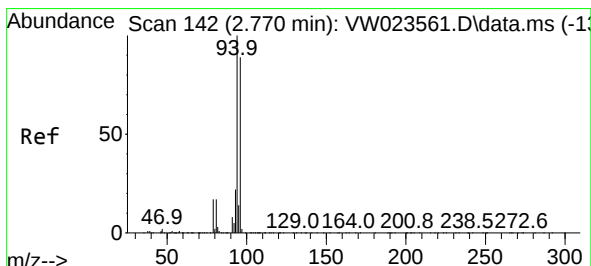
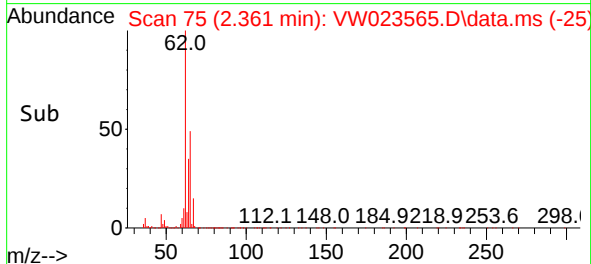
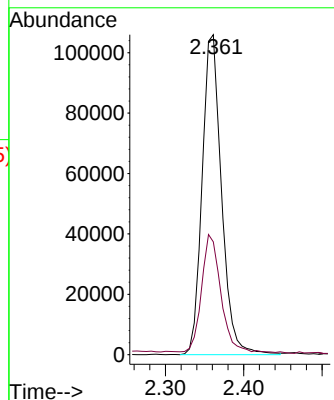
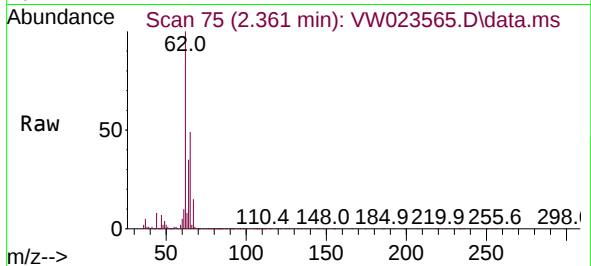




#5
 Vinyl chloride
 Concen: 32.988 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW023565.D
 Acq: 05 Jul 2022 11:56

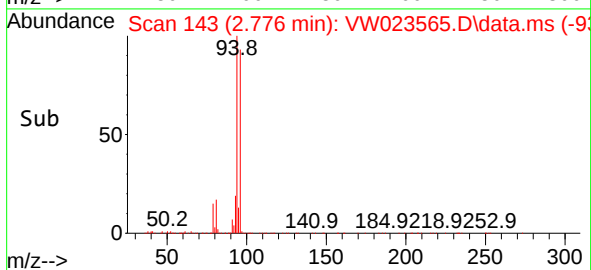
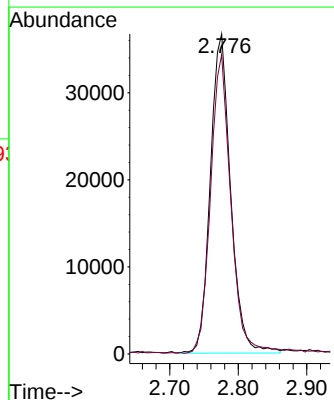
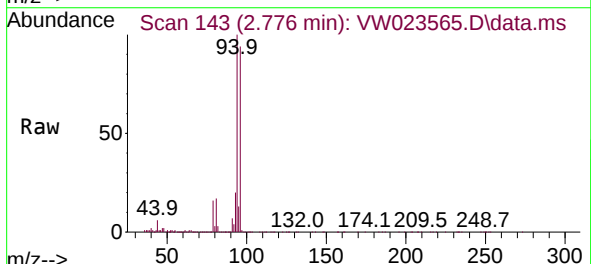
Instrument :
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 ClientSampleId :
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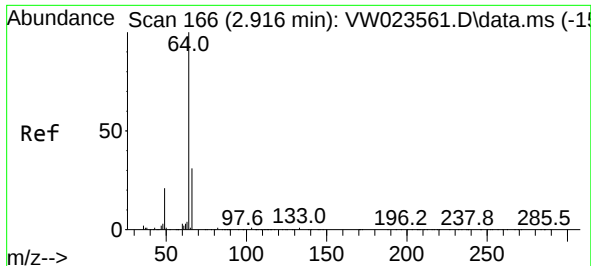
Tgt Ion: 62 Resp: 182154
 Ion Ratio Lower Upper
 62 100
 64 35.3 25.8 47.8



#6
 Bromomethane
 Concen: 20.733 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW023565.D
 Acq: 05 Jul 2022 11:56

Tgt Ion: 94 Resp: 75509
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.6 121.8

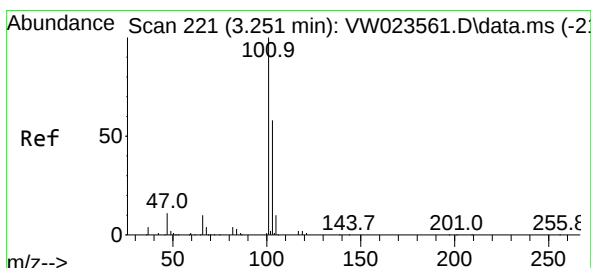
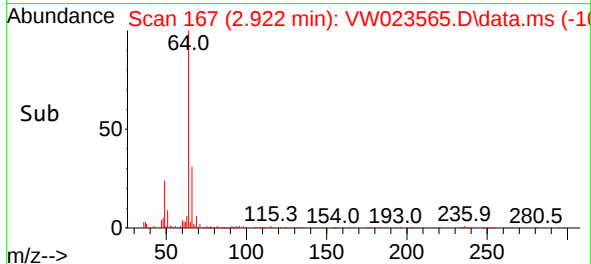
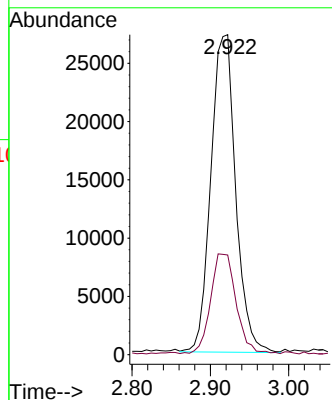
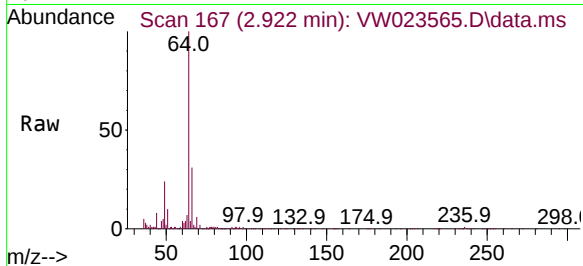




#8
Chloroethane
Concen: 24.175 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

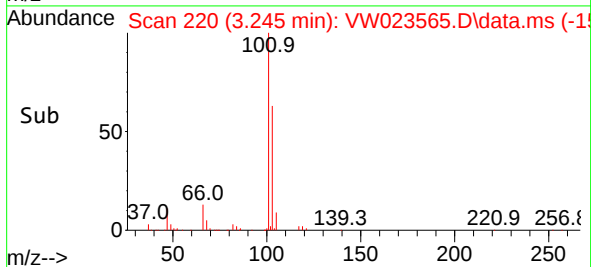
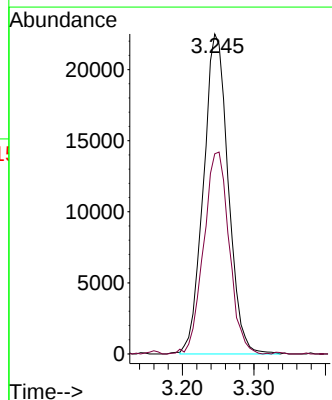
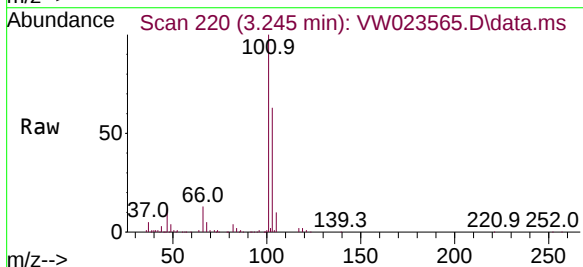
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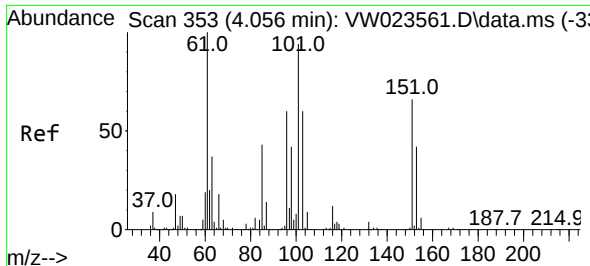
Tgt Ion: 64 Resp: 60000
Ion Ratio Lower Upper
64 100
66 31.2 20.6 38.2



#9
Trichlorofluoromethane
Concen: 21.164 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 101 Resp: 54137
Ion Ratio Lower Upper
101 100
103 64.4 53.2 79.8

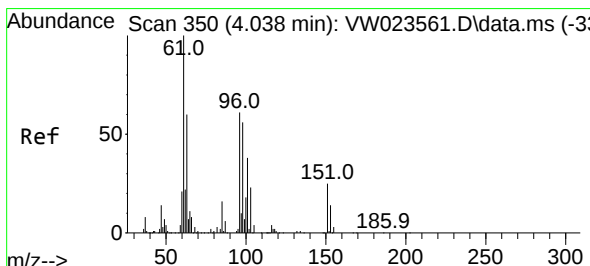
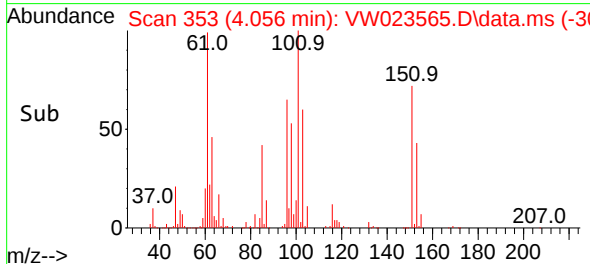
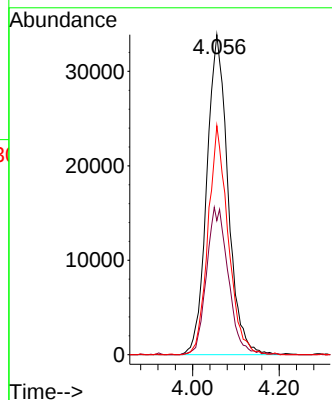
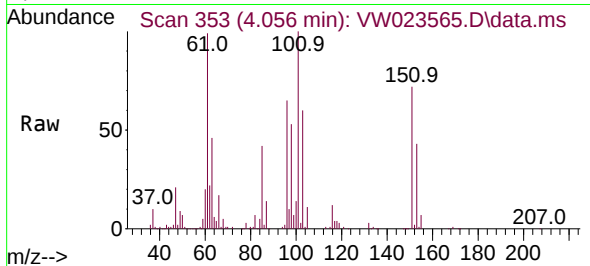




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.834 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023565.D
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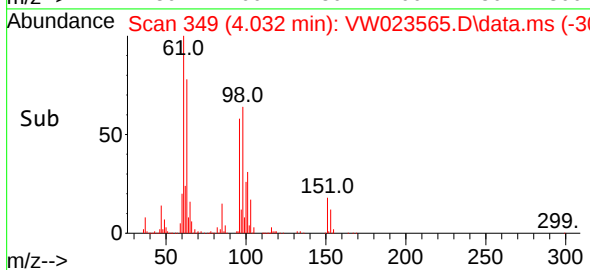
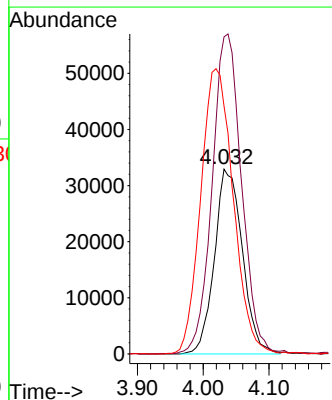
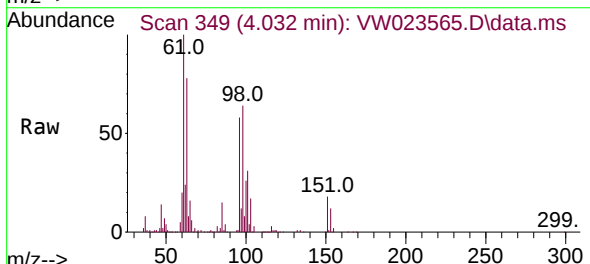
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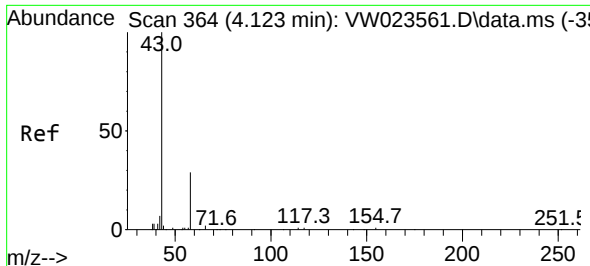
Tgt Ion:101 Resp: 115249
 Ion Ratio Lower Upper
 101 100
 85 47.3 37.0 55.4
 151 67.4 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 28.266 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW023565.D
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Tgt Ion: 96 Resp: 97364
 Ion Ratio Lower Upper
 96 100
 61 171.6 122.0 226.6
 63 134.0 83.0 154.2

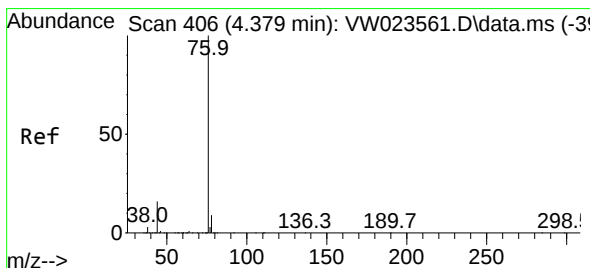
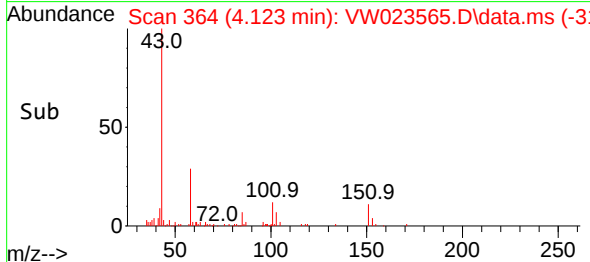
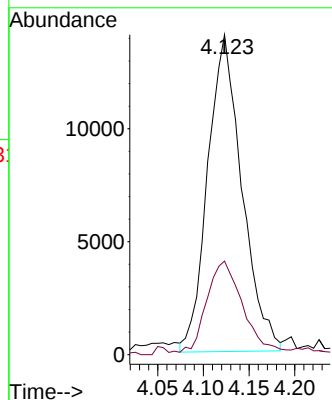
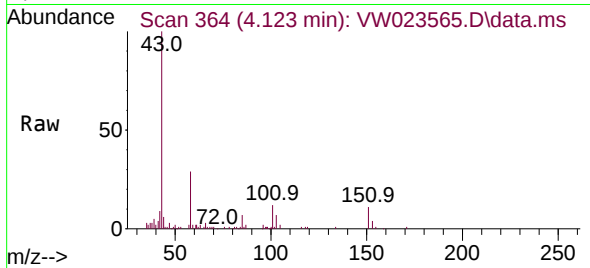




#13
Acetone
Concen: 43.219 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
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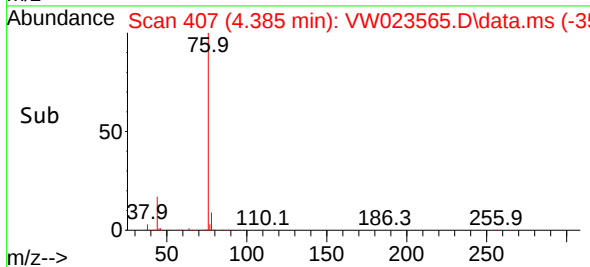
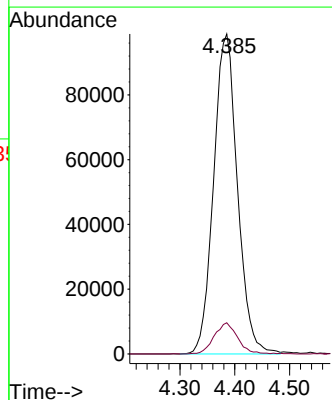
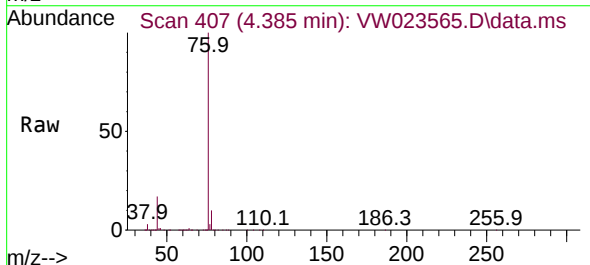
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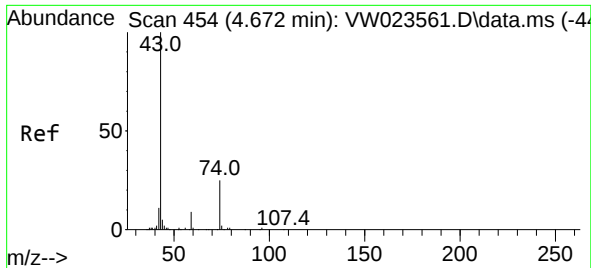
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Ion Ratio Lower Upper
43 100
58 31.3 0.0 61.2



#14
Carbon disulfide
Concen: 32.132 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 298536
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2

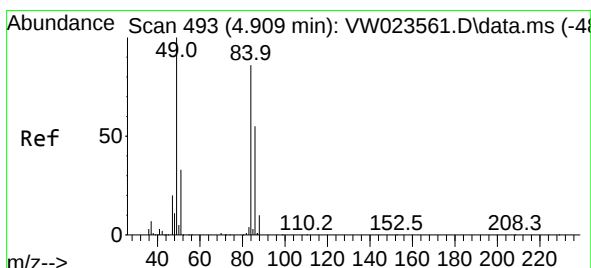
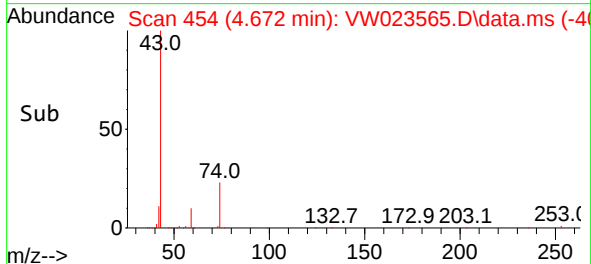
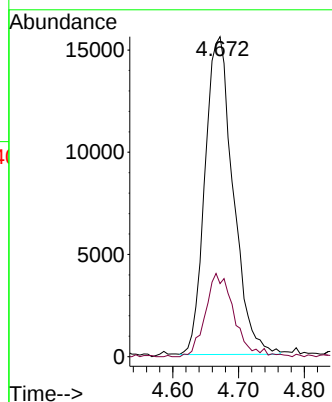
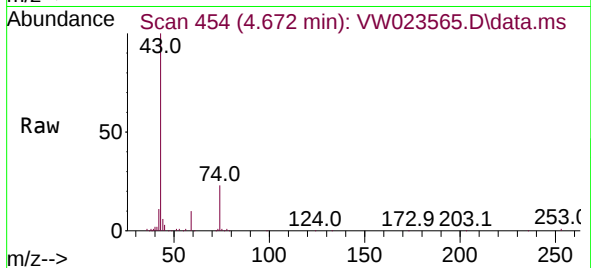




#15
Methyl Acetate
Concen: 23.923 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

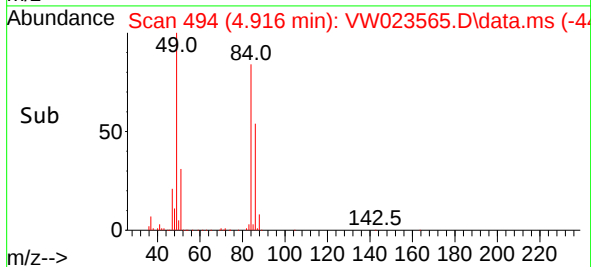
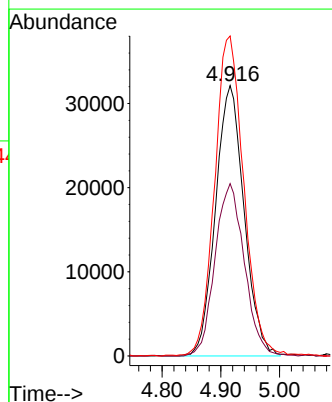
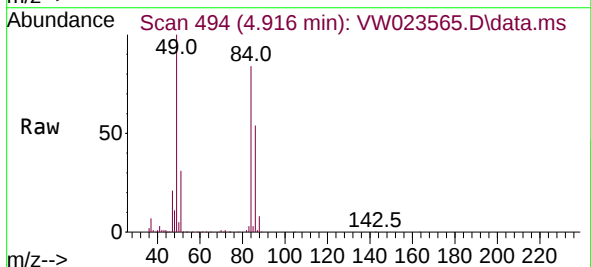
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

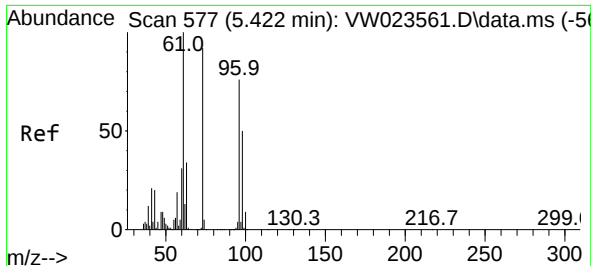
Tgt Ion: 43 Resp: 46355
Ion Ratio Lower Upper
43 100
74 25.9 20.4 30.6



#16
Methylene chloride
Concen: 22.214 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 84 Resp: 108613
Ion Ratio Lower Upper
84 100
86 63.8 44.9 83.3
49 118.3 87.6 162.6

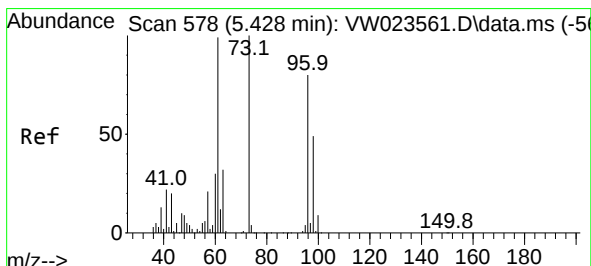
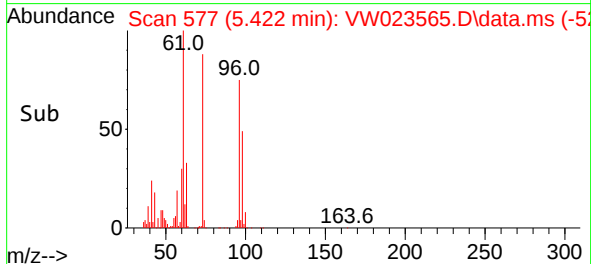
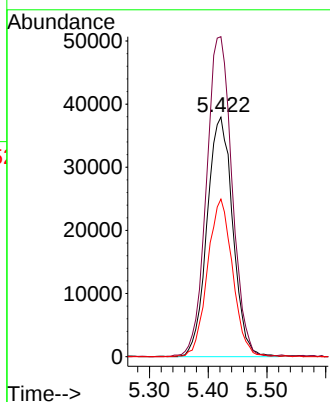
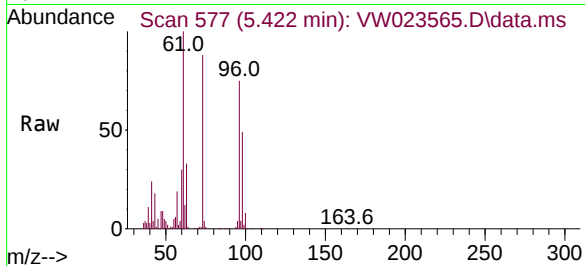




#17
trans-1,2-Dichloroethene
Concen: 26.580 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

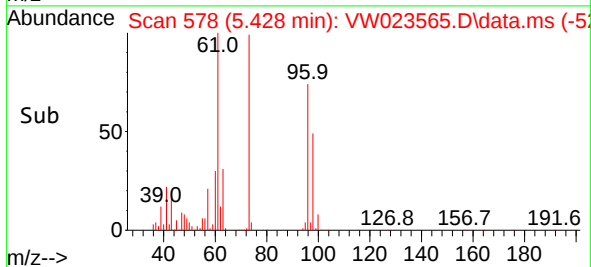
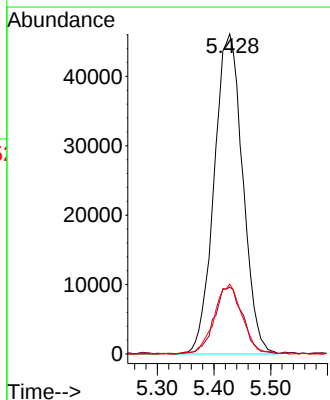
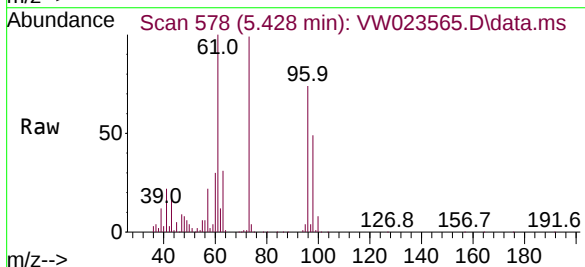
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

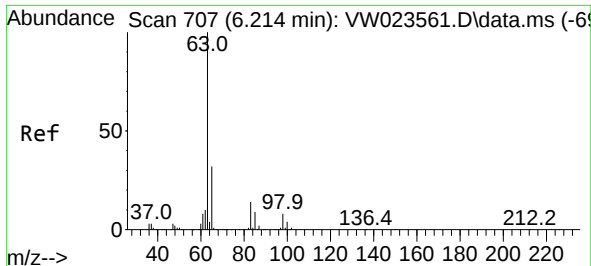
Tgt Ion: 96 Resp: 115546
Ion Ratio Lower Upper
96 100
61 133.6 92.3 171.5
98 65.8 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 25.253 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 73 Resp: 160993
Ion Ratio Lower Upper
73 100
43 20.9 16.2 24.2
57 21.2 16.9 25.3

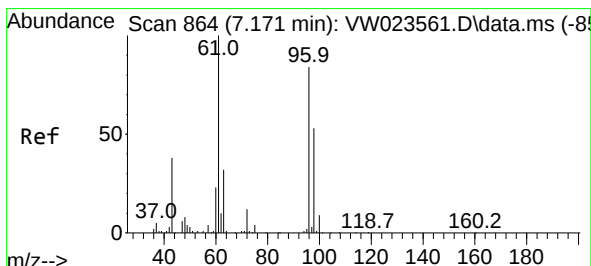
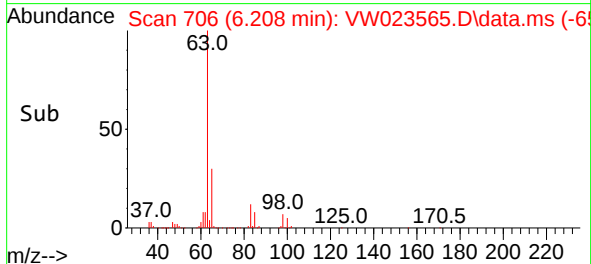
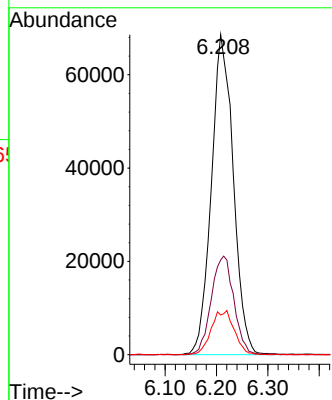
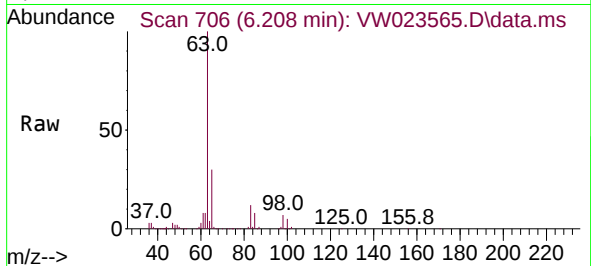




#19
1,1-Dichloroethane
Concen: 26.502 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

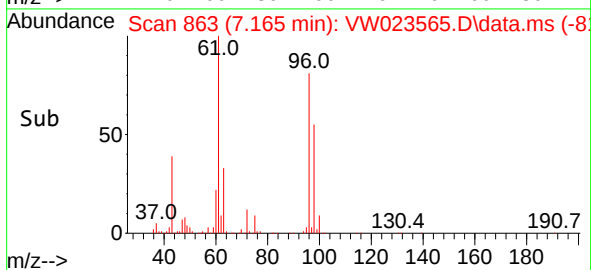
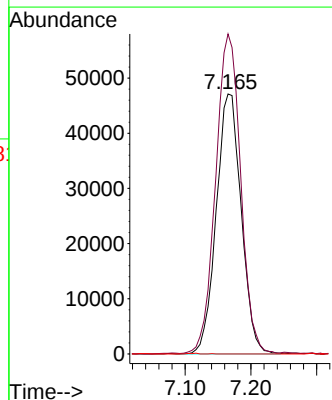
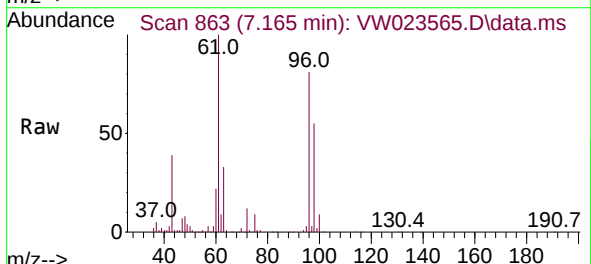
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

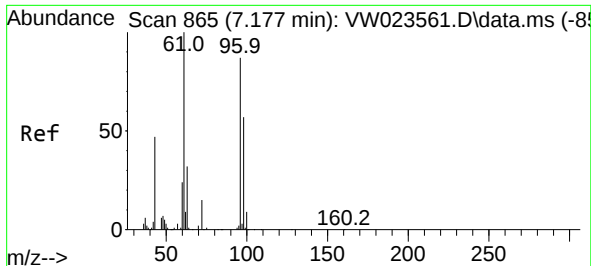
Tgt Ion: 63 Resp: 203185
Ion Ratio Lower Upper
63 100
65 29.6 22.3 41.3
83 12.4 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 26.272 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 96 Resp: 124460
Ion Ratio Lower Upper
96 100
61 123.1 83.2 154.6
68 0.0 0.0 0.0

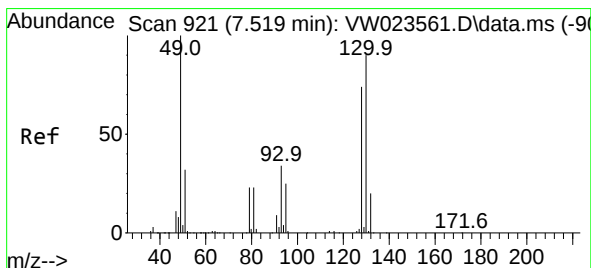
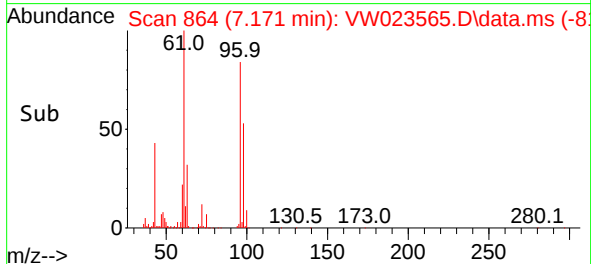
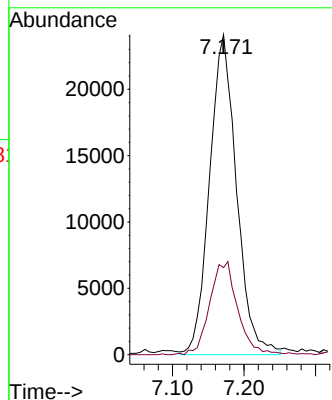
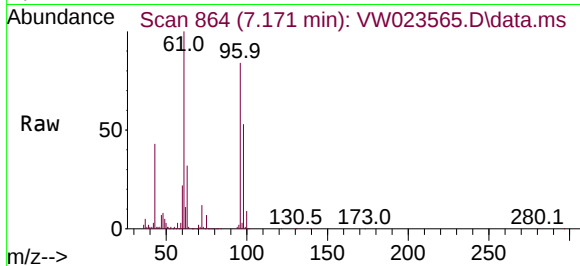




#22
2-Butanone
Concen: 45.797 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

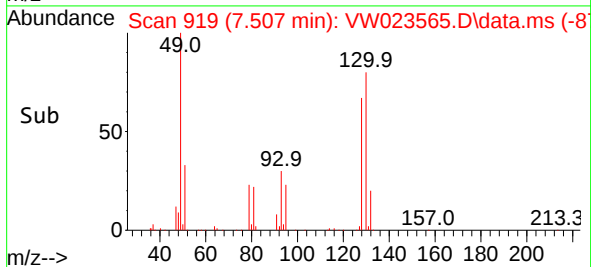
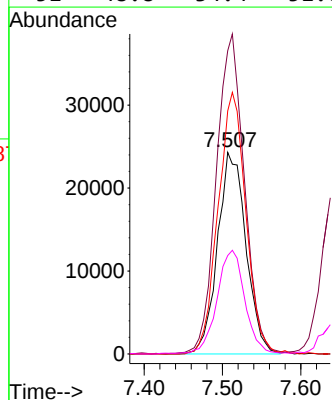
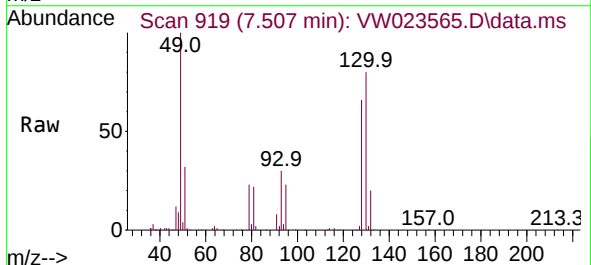
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

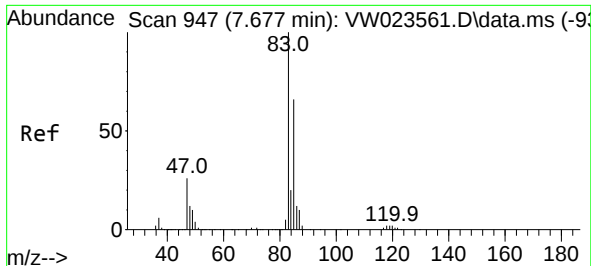
Tgt Ion: 43 Resp: 63326
Ion Ratio Lower Upper
43 100
72 29.5 15.4 46.1



#23
Bromochloromethane
Concen: 26.093 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.012 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 128 Resp: 61181
Ion Ratio Lower Upper
128 100
49 150.4 105.8 196.6
130 120.5 87.6 162.8
51 48.8 34.4 51.6

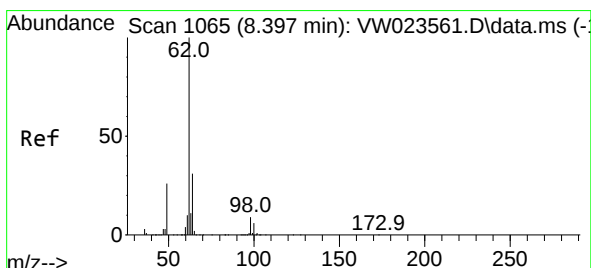
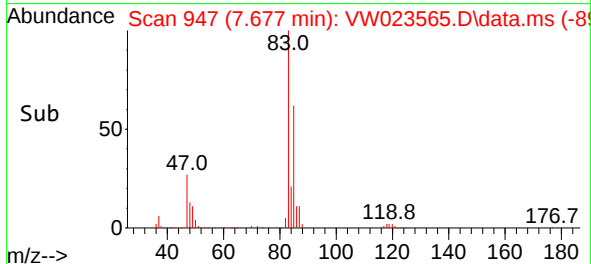
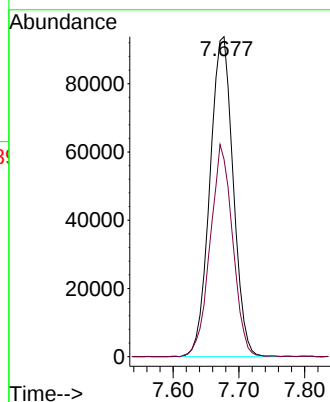
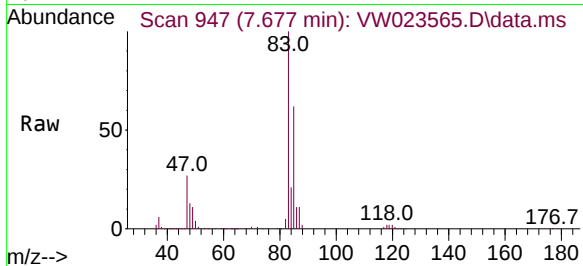




#25
Chloroform
Concen: 27.034 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

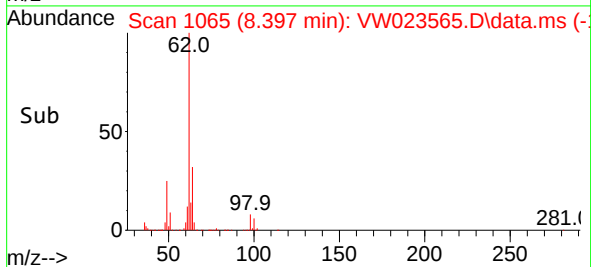
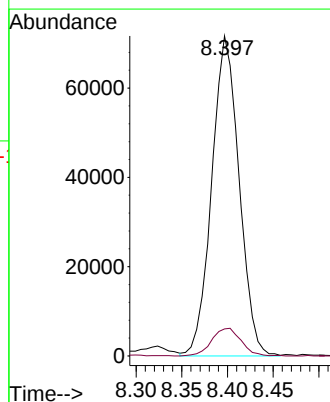
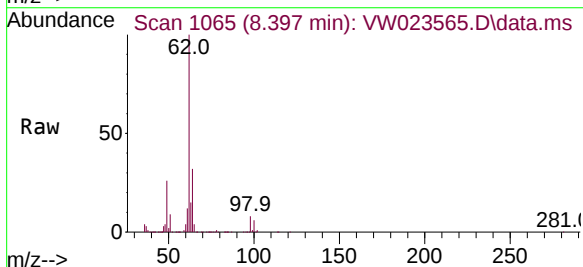
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

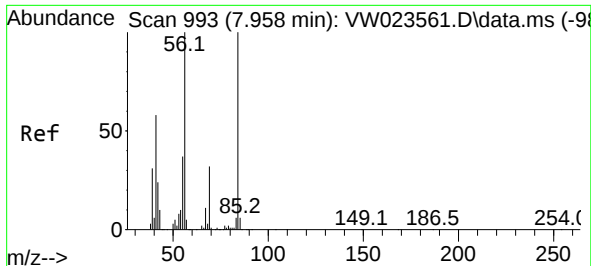
Tgt Ion: 83 Resp: 231359
Ion Ratio Lower Upper
83 100
85 61.6 47.0 87.4



#27
1,2-Dichloroethane
Concen: 26.399 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 62 Resp: 149367
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.0





#29

Cyclohexane

Concen: 27.575 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

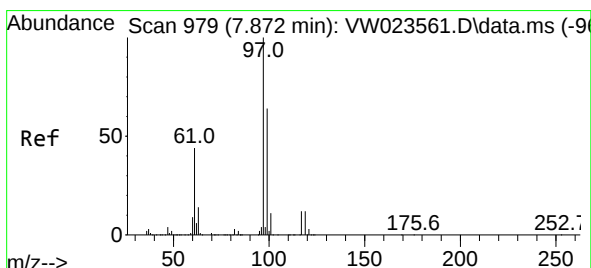
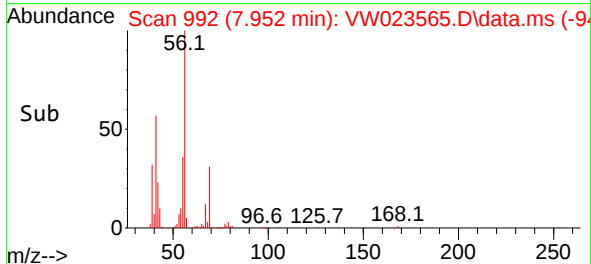
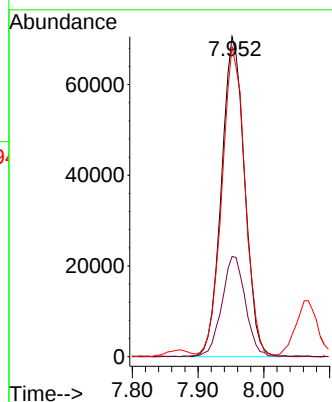
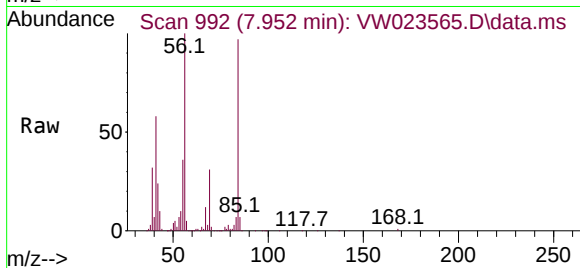
Tgt Ion: 56 Resp: 173132

Ion Ratio Lower Upper

56 100

69 31.8 25.6 38.4

84 96.9 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 25.822 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

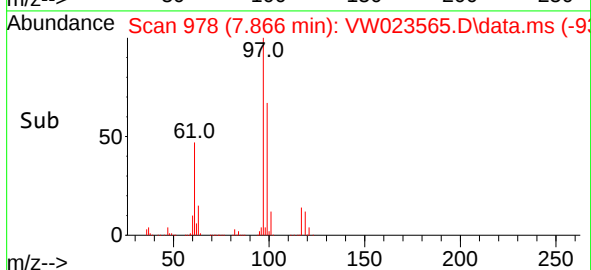
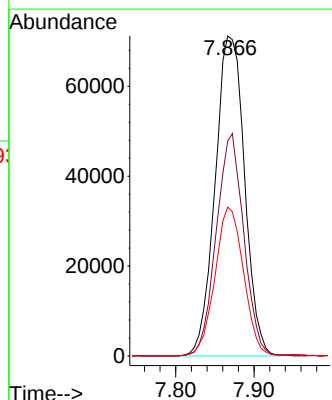
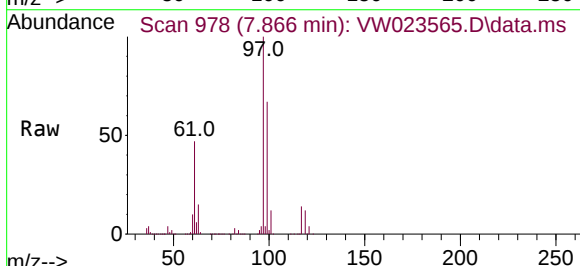
Tgt Ion: 97 Resp: 185974

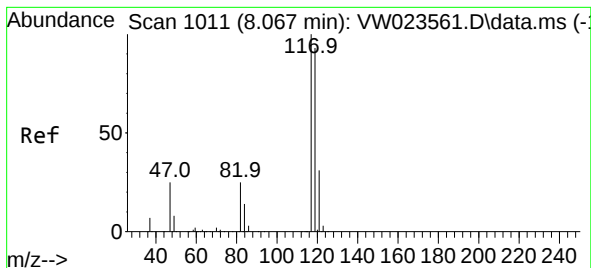
Ion Ratio Lower Upper

97 100

99 65.1 50.8 76.2

61 45.2 35.8 53.8





#31

Carbon tetrachloride

Concen: 26.373 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

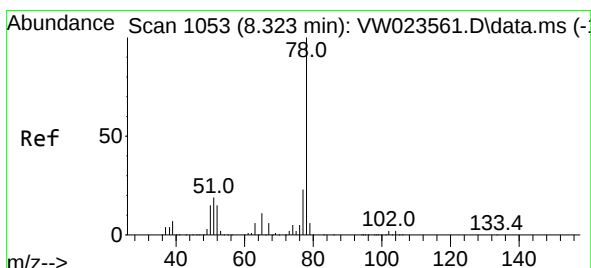
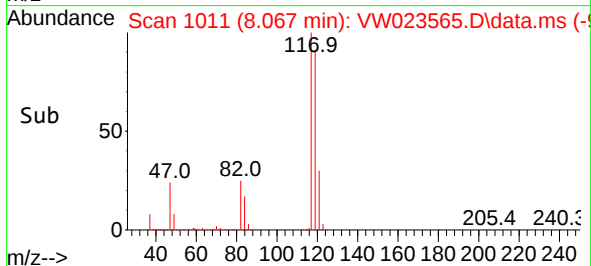
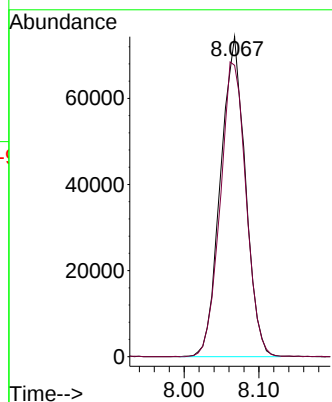
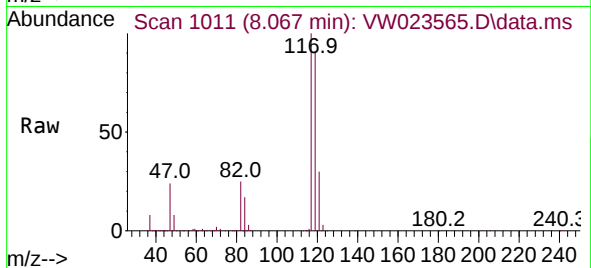
VSTD025589

Tgt Ion:117 Resp: 171705

Ion Ratio Lower Upper

117 100

119 95.4 76.7 115.1



#33

Benzene

Concen: 26.230 ug/L

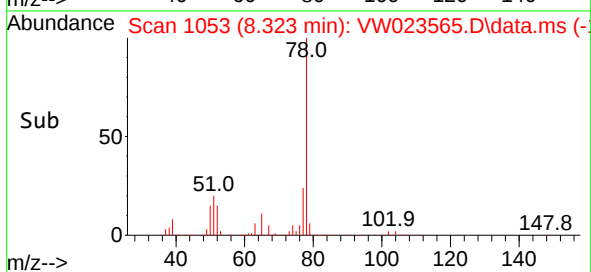
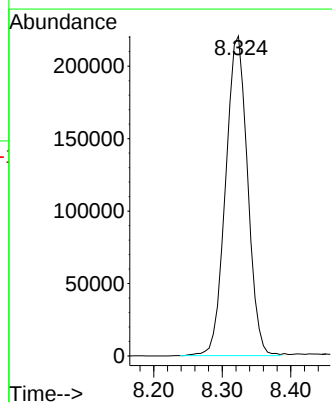
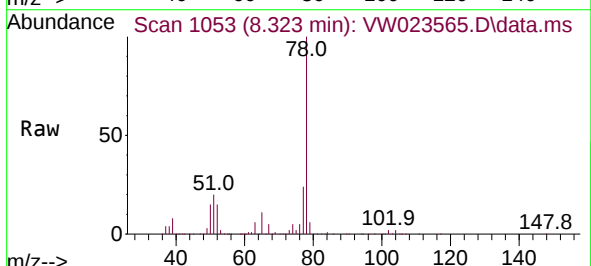
RT: 8.323 min Scan# 1053

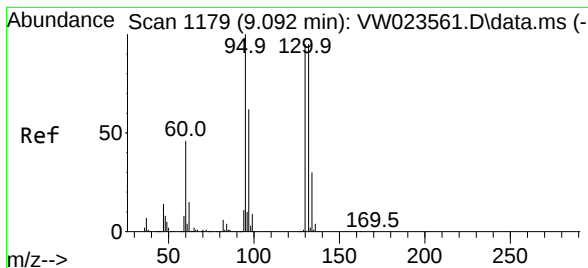
Delta R.T. 0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Tgt Ion: 78 Resp: 490009





#34

Trichloroethene

Concen: 25.714 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

Tgt Ion: 95 Resp: 128704

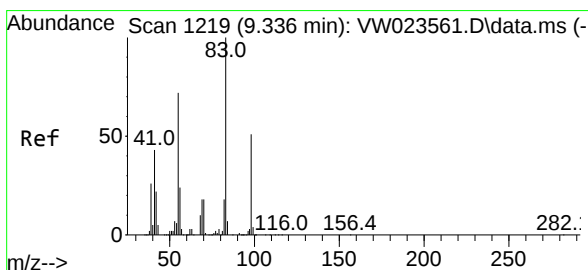
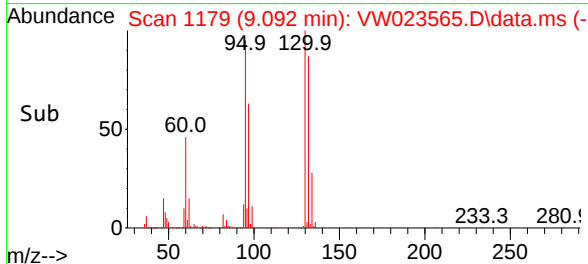
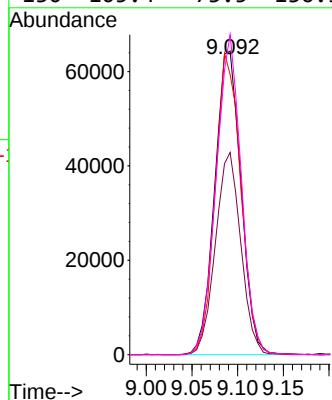
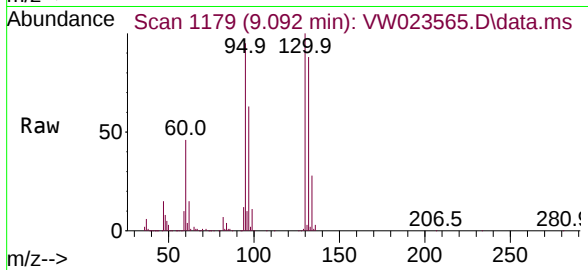
Ion Ratio Lower Upper

95 100

97 66.6 47.5 88.1

132 92.3 68.9 127.9

130 105.4 73.5 136.5



#35

Methylcyclohexane

Concen: 27.187 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

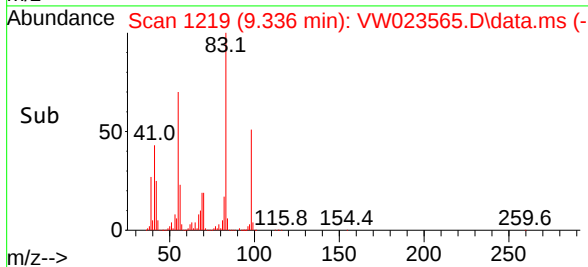
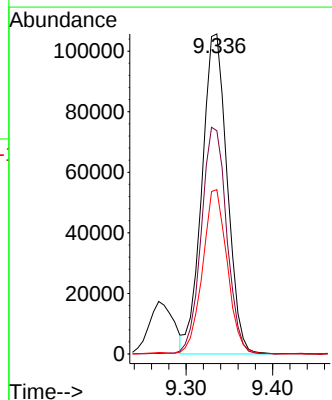
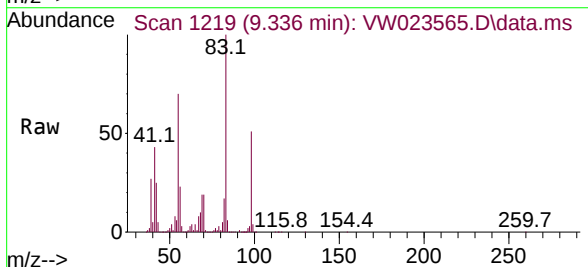
Tgt Ion: 83 Resp: 214117

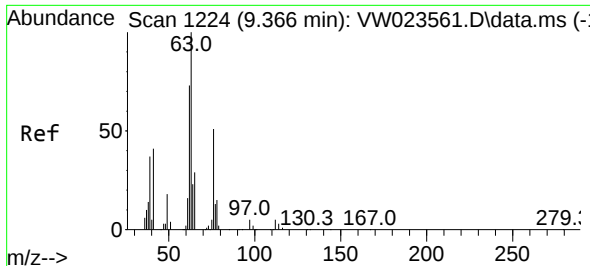
Ion Ratio Lower Upper

83 100

55 71.1 57.0 85.6

98 50.2 40.2 60.4





#37

1,2-Dichloropropane

Concen: 26.114 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

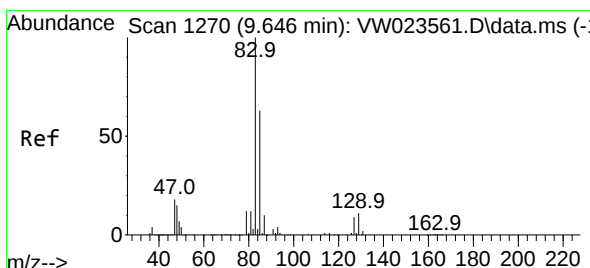
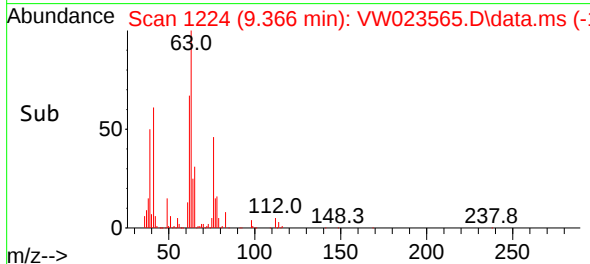
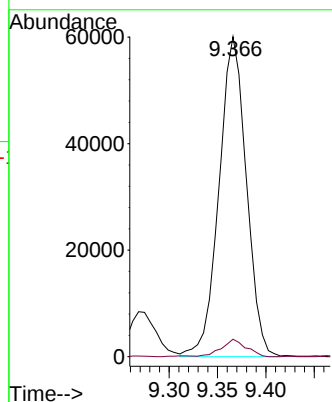
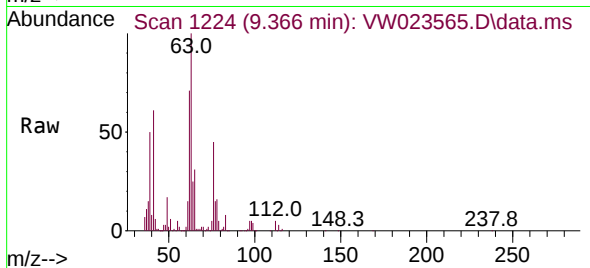
VSTD025589

Tgt Ion: 63 Resp: 118004

Ion Ratio Lower Upper

63 100

112 4.9 4.1 6.1



#38

Bromodichloromethane

Concen: 25.381 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

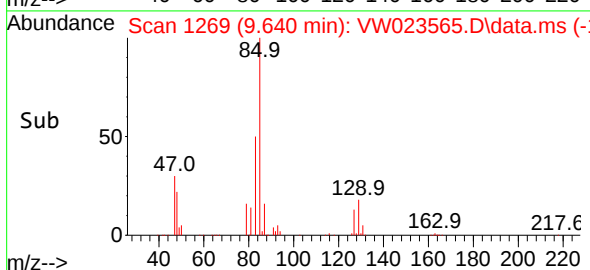
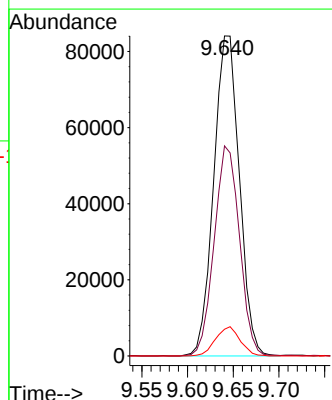
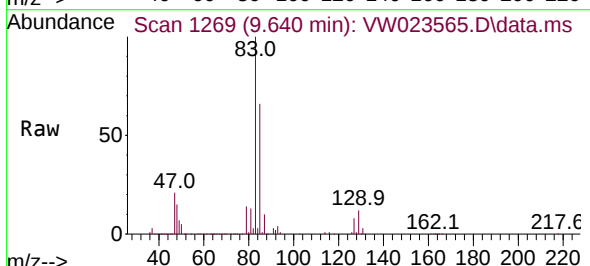
Tgt Ion: 83 Resp: 164203

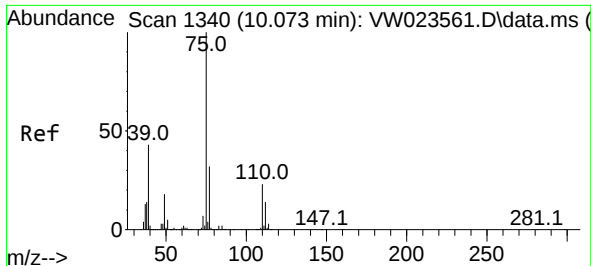
Ion Ratio Lower Upper

83 100

85 65.7 44.2 82.0

127 8.4 6.6 10.0

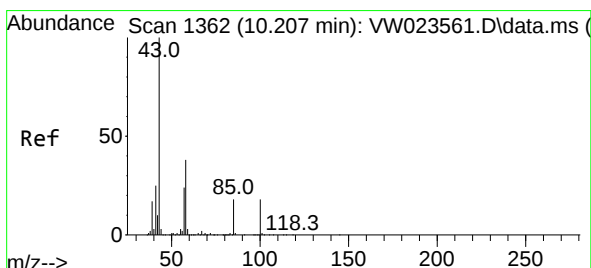
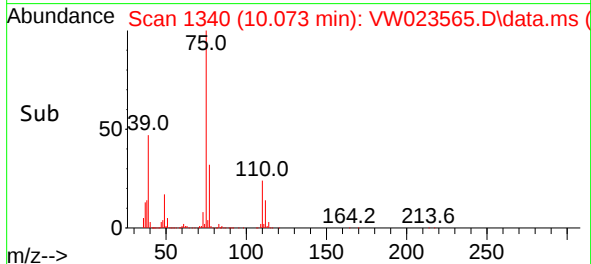
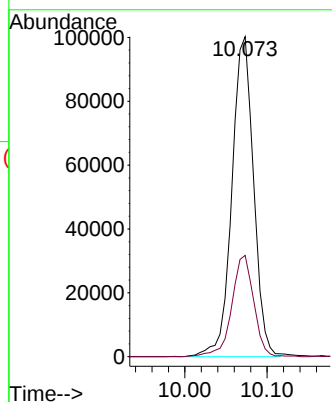
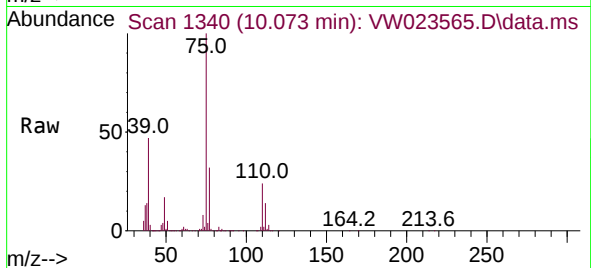




#39
 cis-1,3-Dichloropropene
 Concen: 26.318 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW023565.D
 Acq: 05 Jul 2022 11:56

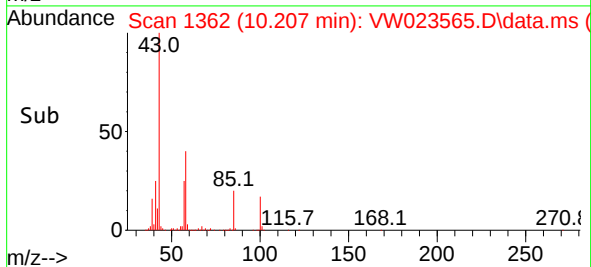
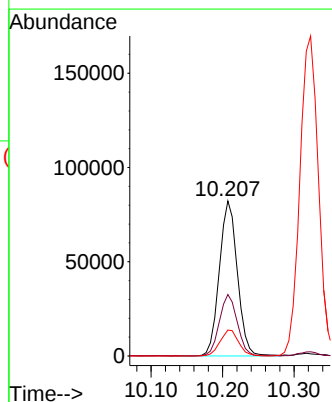
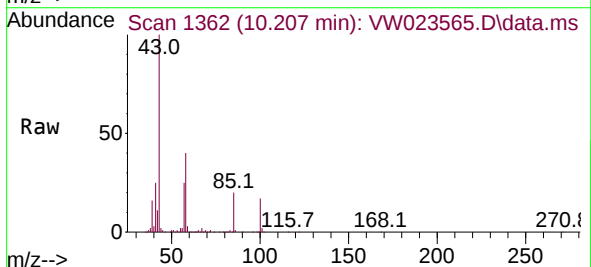
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

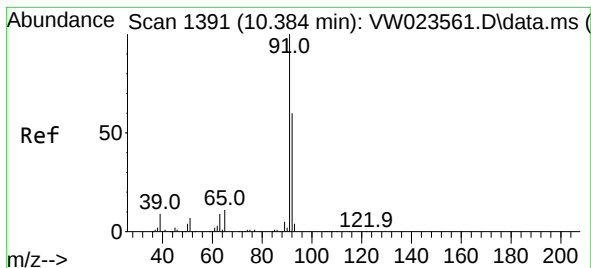
Tgt Ion: 75 Resp: 184152
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 48.666 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023565.D
 Acq: 05 Jul 2022 11:56

Tgt Ion: 43 Resp: 144126
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.8
 100 17.2 14.0 21.0





#42

Toluene

Concen: 26.767 ug/L

RT: 10.384 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

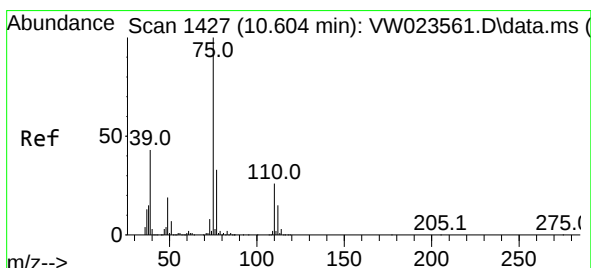
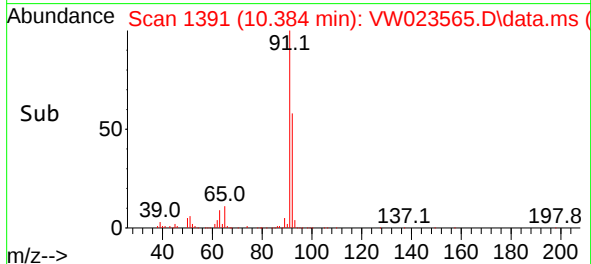
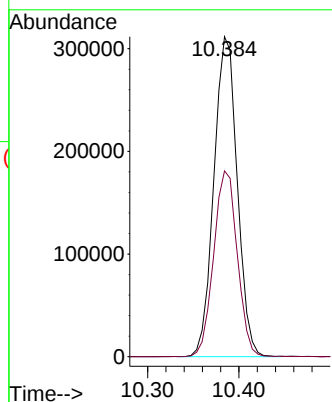
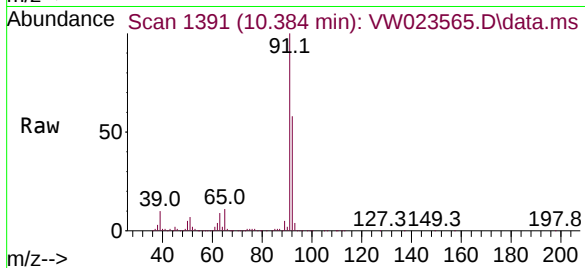
VSTD025589

Tgt Ion: 91 Resp: 553094

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 26.024 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023565.D

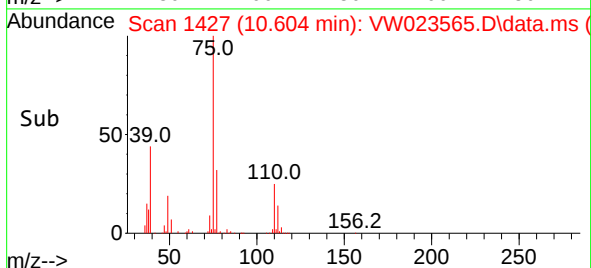
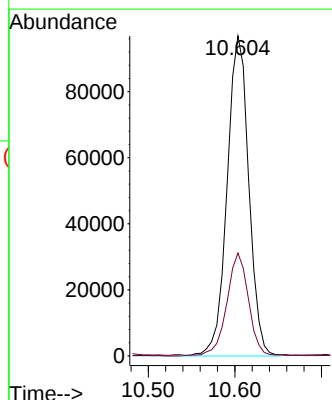
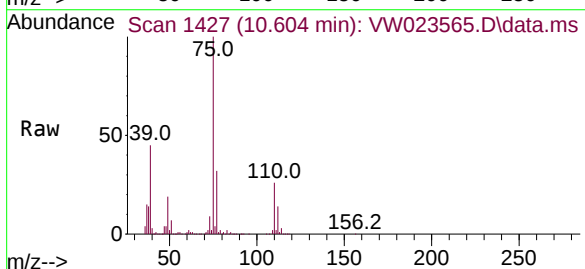
Acq: 05 Jul 2022 11:56

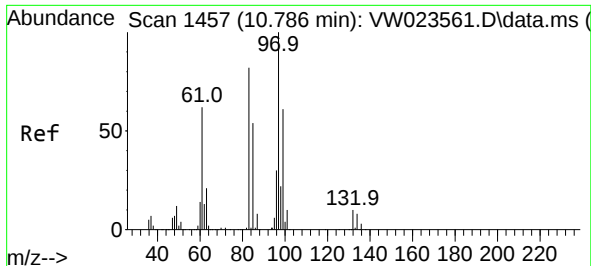
Tgt Ion: 75 Resp: 168302

Ion Ratio Lower Upper

75 100

77 32.2 22.9 42.5

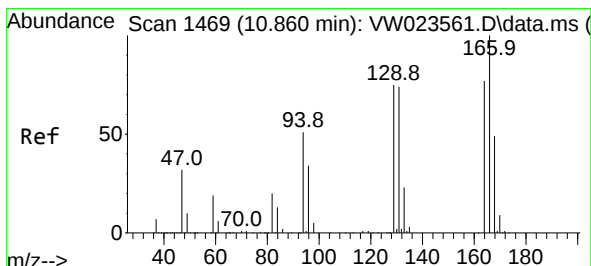
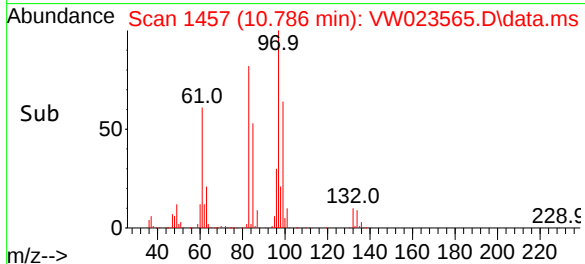
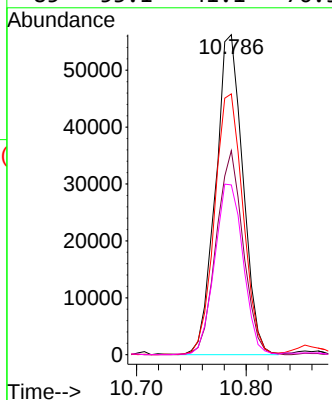
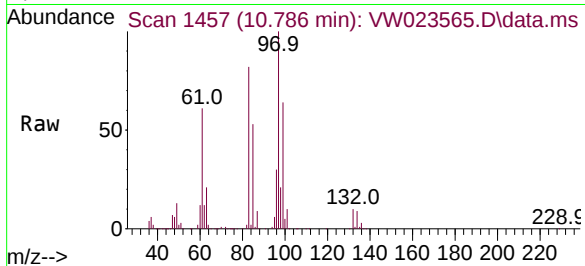




#45
1,1,2-Trichloroethane
Concen: 25.427 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

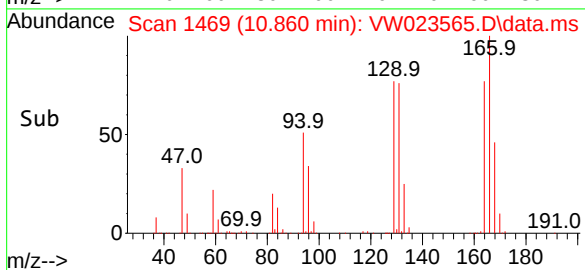
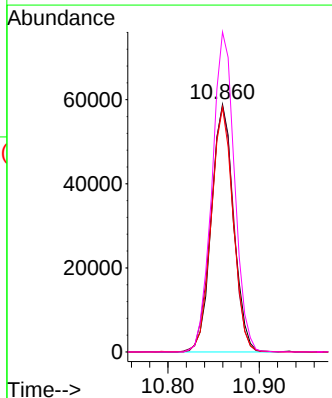
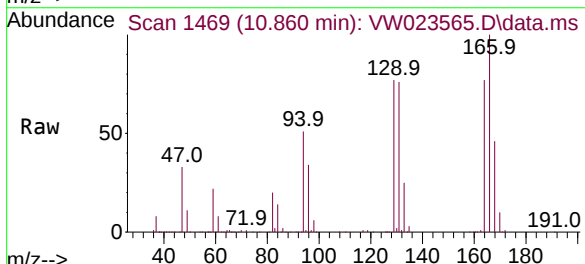
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

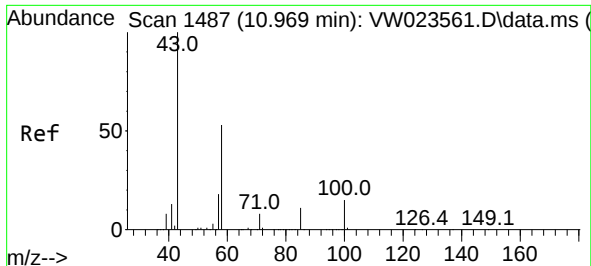
Tgt Ion:	97	Resp:	97693
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.9	81.5
83	81.5	59.8	111.0
85	53.1	41.1	76.3



#46
Tetrachloroethene
Concen: 24.539 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion:	164	Resp:	98782
Ion	Ratio	Lower	Upper
164	100		
129	99.2	71.3	132.3
131	98.6	67.0	124.4
166	129.2	90.2	167.6



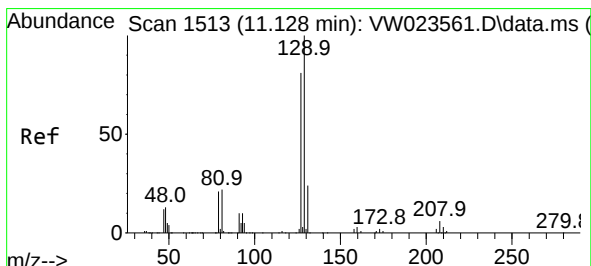
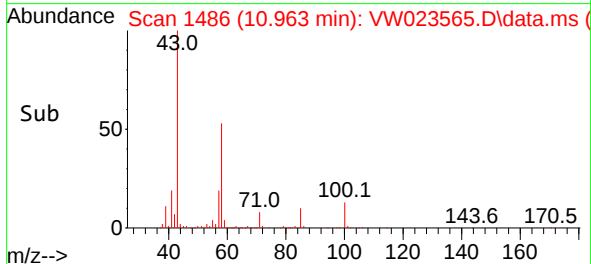
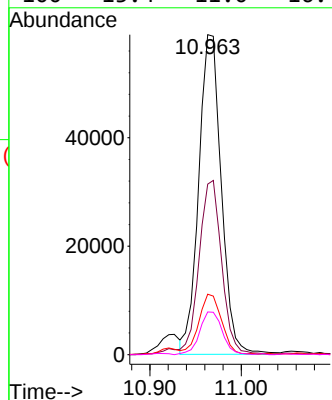
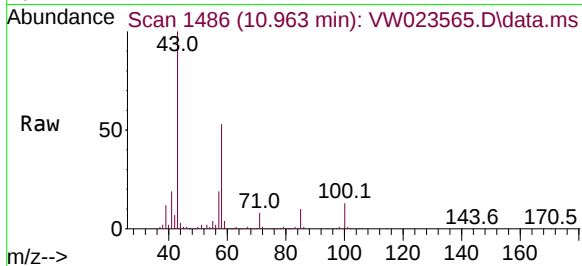


#48
2-Hexanone
Concen: 49.873 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

Tgt Ion: 43 Resp: 101448

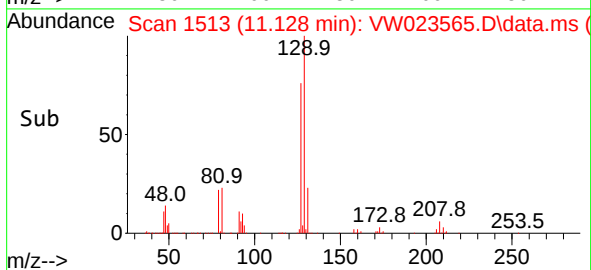
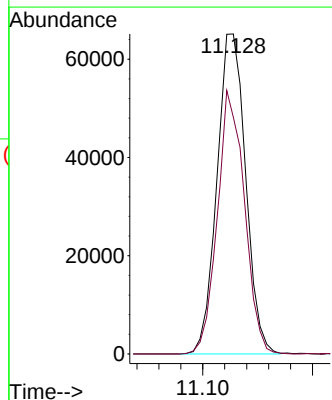
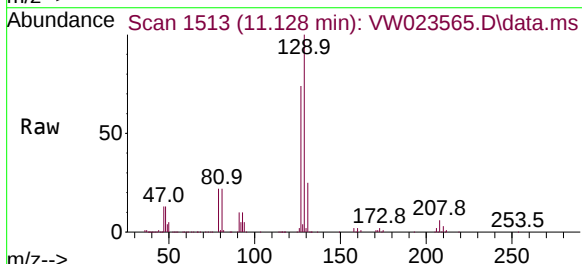
Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.7	65.5
57	19.0	15.7	23.5
100	13.4	11.0	16.4

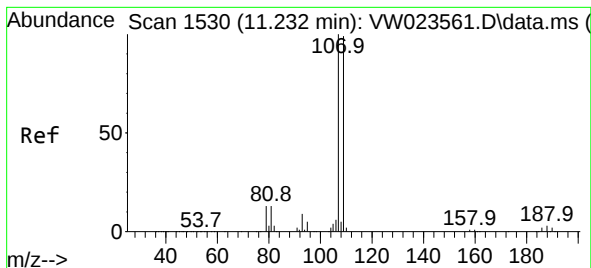


#49
Dibromochloromethane
Concen: 25.250 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 129 Resp: 118543

Ion	Ratio	Lower	Upper
129	100		
127	74.0	52.7	97.9

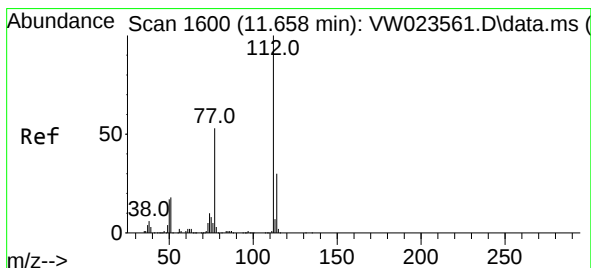
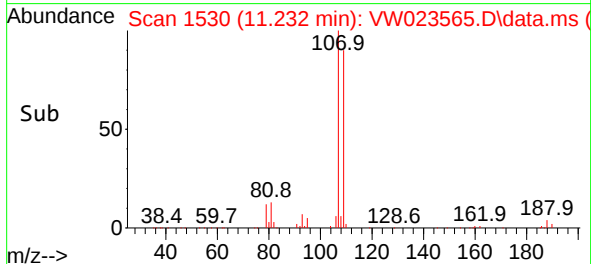
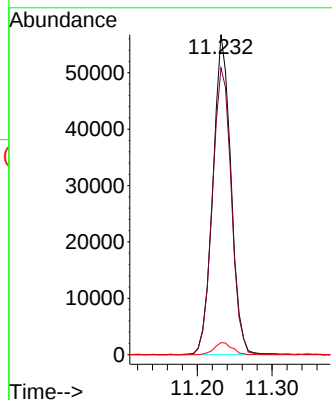
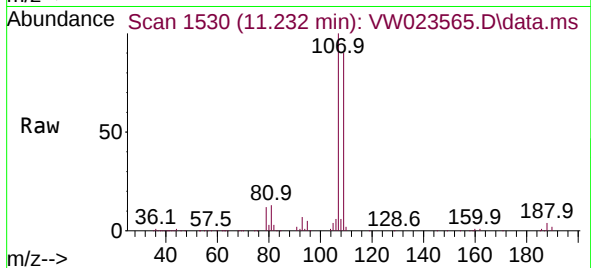




#50
1,2-Dibromoethane
Concen: 24.895 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

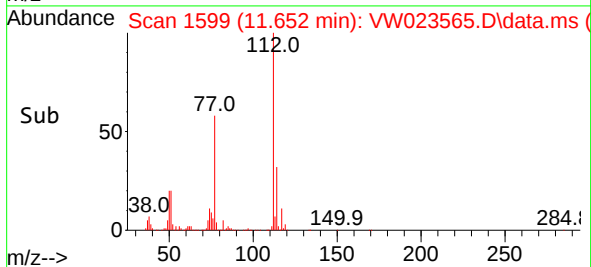
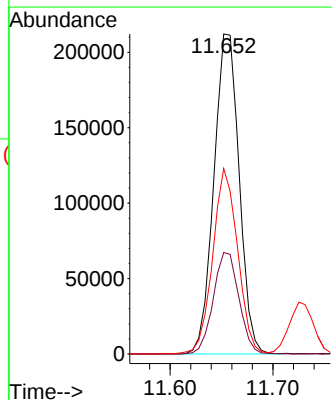
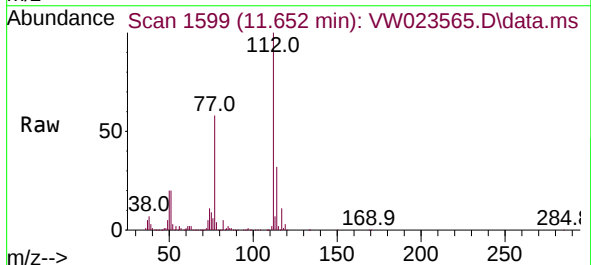
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

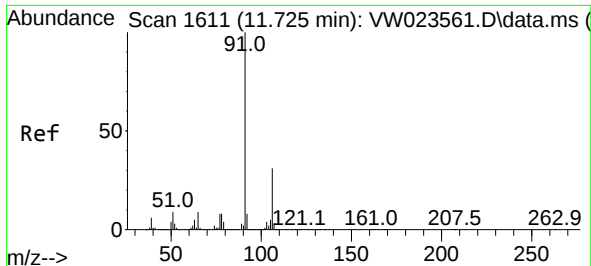
Tgt Ion:107 Resp: 95309
Ion Ratio Lower Upper
107 100
109 89.6 67.2 124.8
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 25.614 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion:112 Resp: 362162
Ion Ratio Lower Upper
112 100
114 31.7 23.1 42.9
77 58.0 44.2 66.4

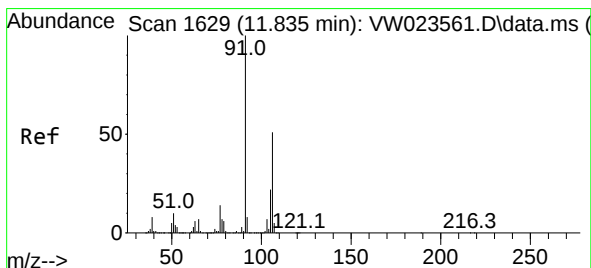
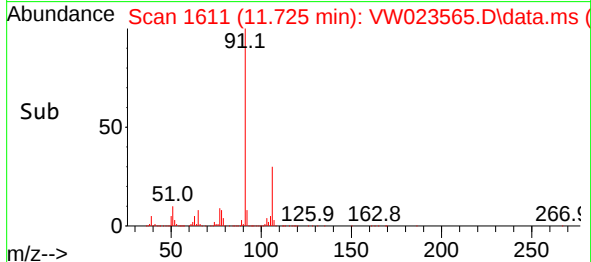
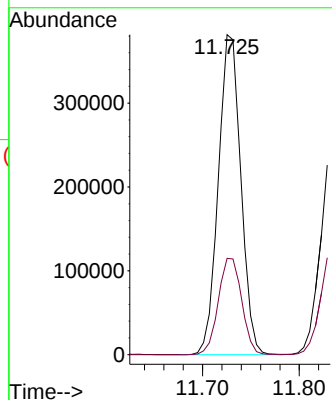
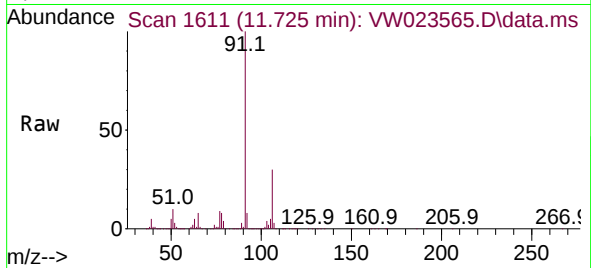




#52
Ethylbenzene
Concen: 26.743 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

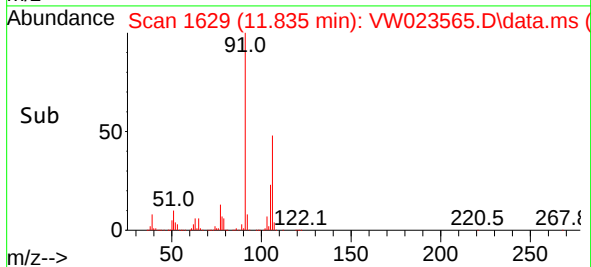
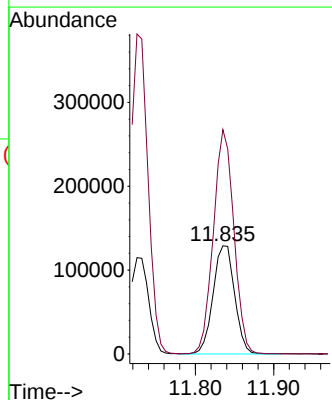
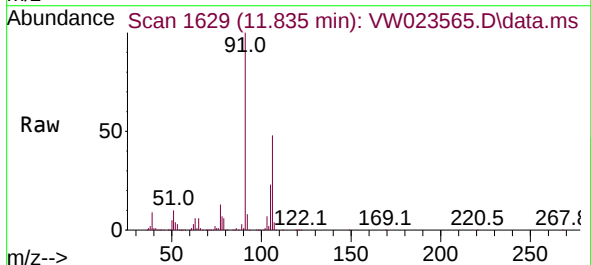
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

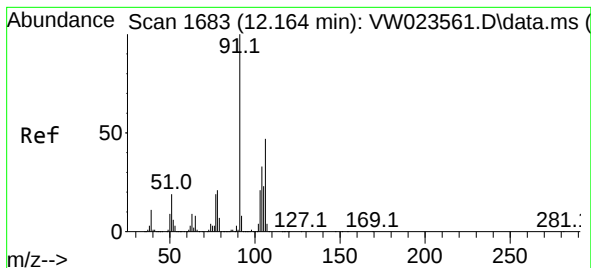
Tgt Ion: 91 Resp: 616361
Ion Ratio Lower Upper
91 100
106 30.1 21.4 39.8



#53
m,p-Xylene
Concen: 27.194 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 106 Resp: 246421
Ion Ratio Lower Upper
106 100
91 207.6 140.8 261.6

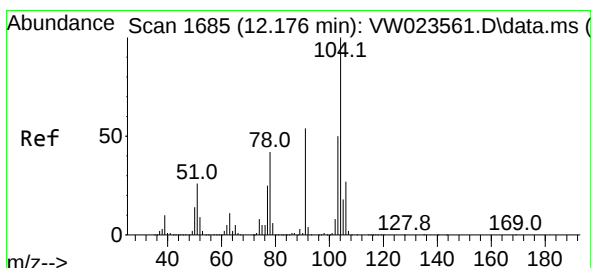
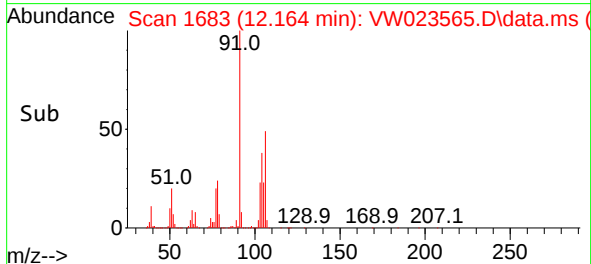
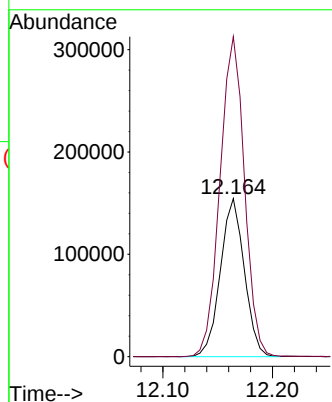
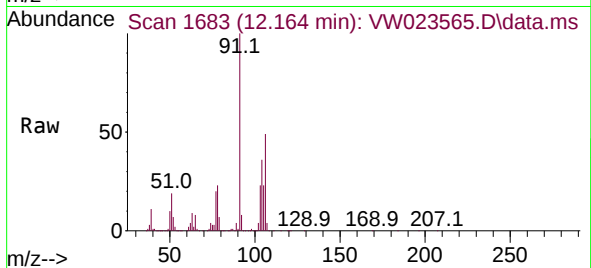




#54
o-Xylene
Concen: 27.442 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

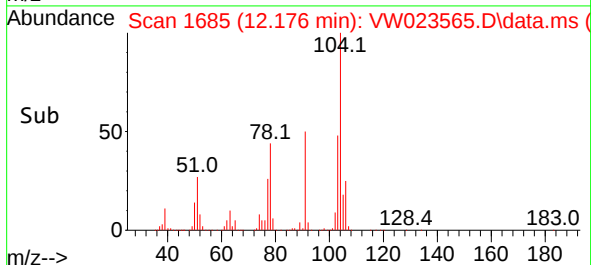
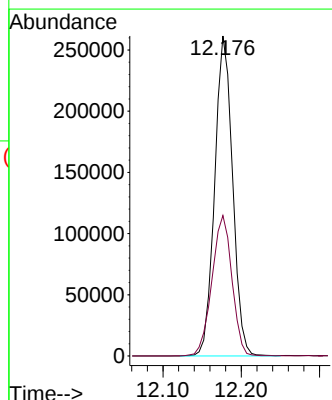
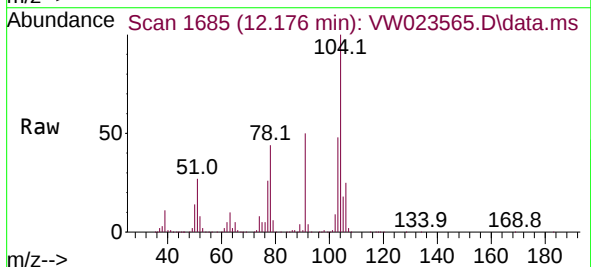
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

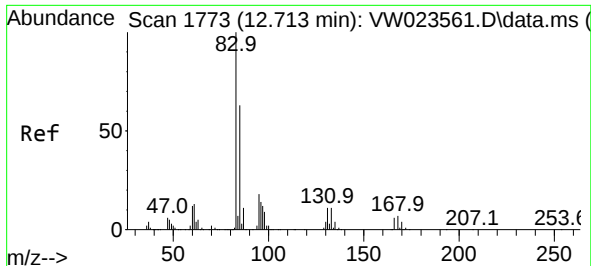
Tgt Ion:106 Resp: 234871
Ion Ratio Lower Upper
106 100
91 202.4 149.3 277.3



#55
Styrene
Concen: 27.805 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion:104 Resp: 415921
Ion Ratio Lower Upper
104 100
78 43.9 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.959 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

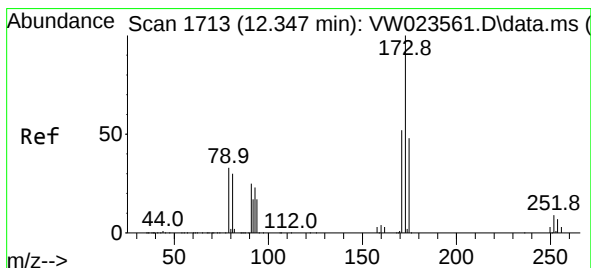
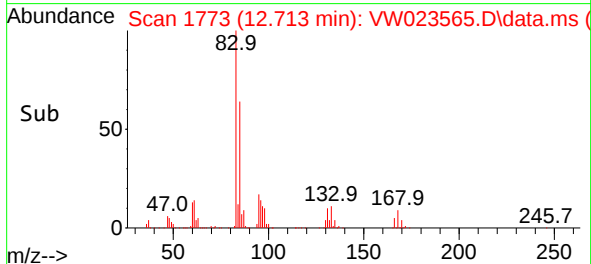
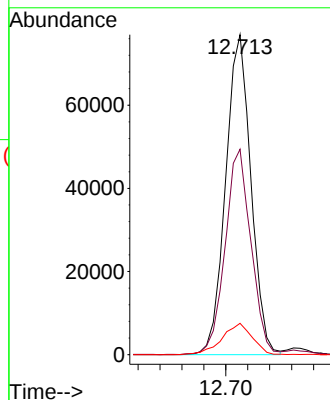
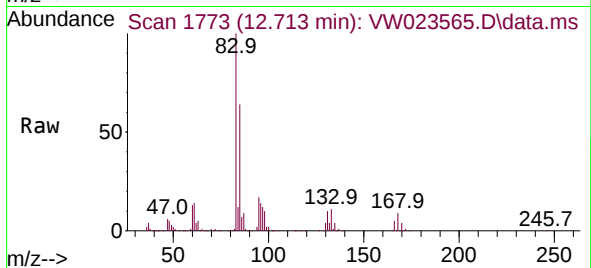
Tgt Ion: 83 Resp: 123334

Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.6

131 9.8 8.5 12.7



#59

Bromoform

Concen: 24.198 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

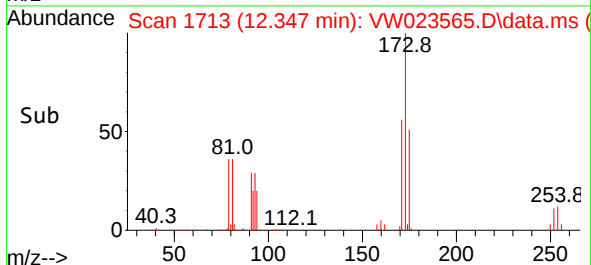
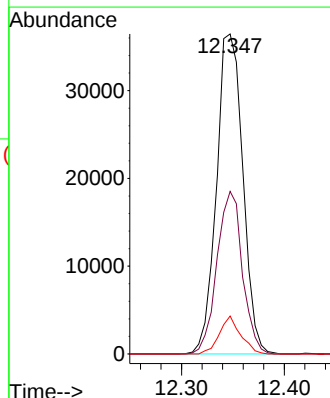
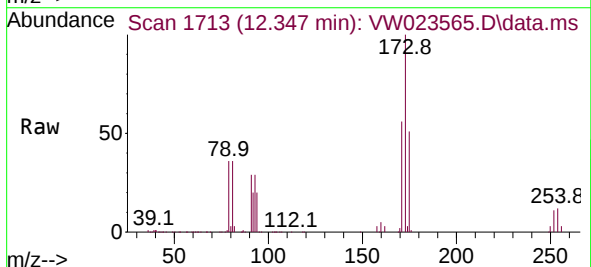
Tgt Ion: 173 Resp: 64802

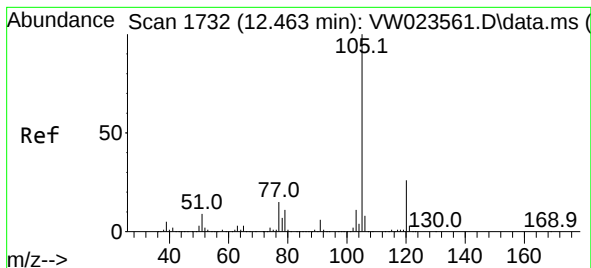
Ion Ratio Lower Upper

173 100

175 49.0 37.9 56.9

254 9.6 7.0 10.4





#60

Isopropylbenzene

Concen: 26.310 ug/L

RT: 12.463 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

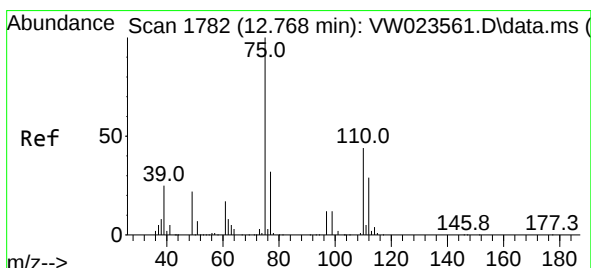
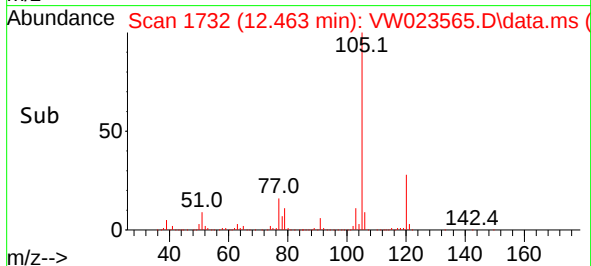
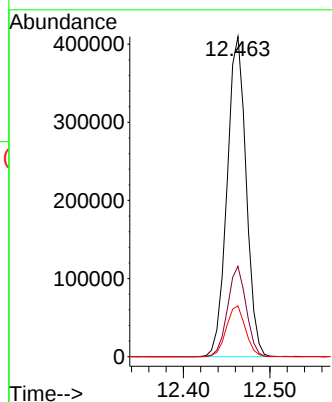
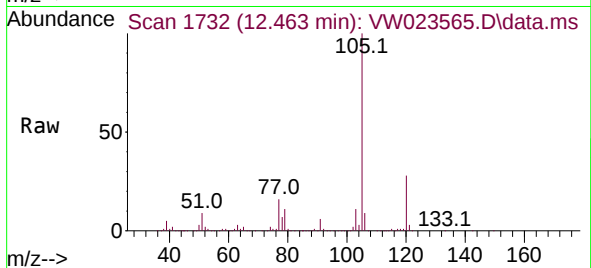
Tgt Ion:105 Resp: 626451

Ion Ratio Lower Upper

105 100

120 27.6 21.3 31.9

77 15.9 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 23.818 ug/L

RT: 12.762 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

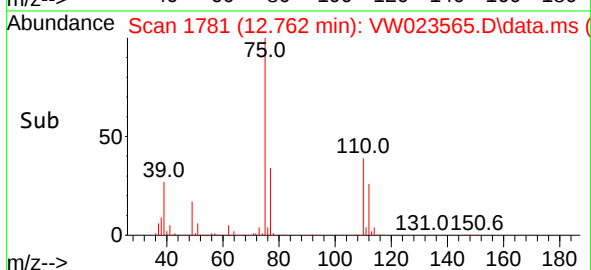
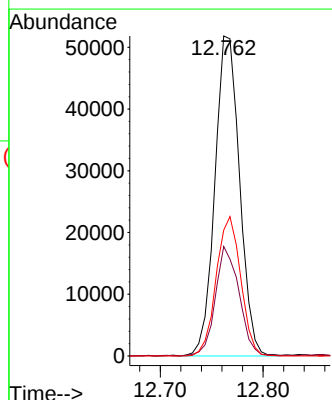
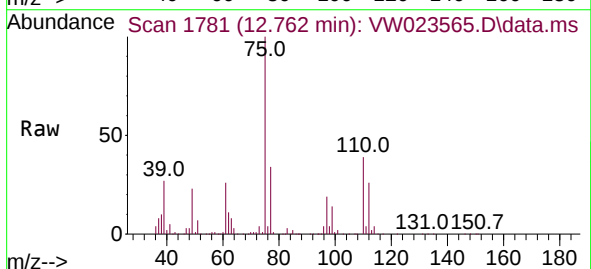
Tgt Ion: 75 Resp: 86593

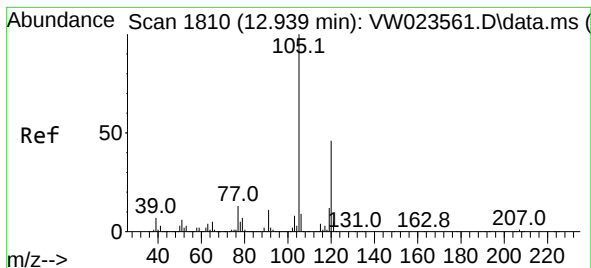
Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.6

110 43.0 34.3 51.5

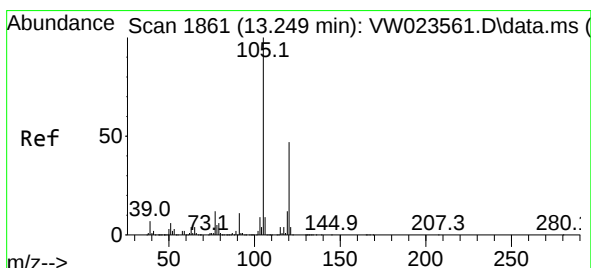
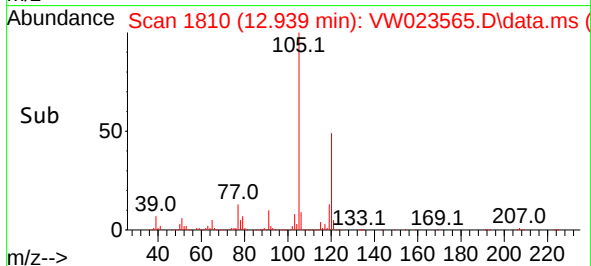
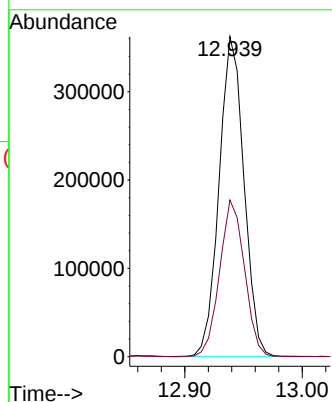
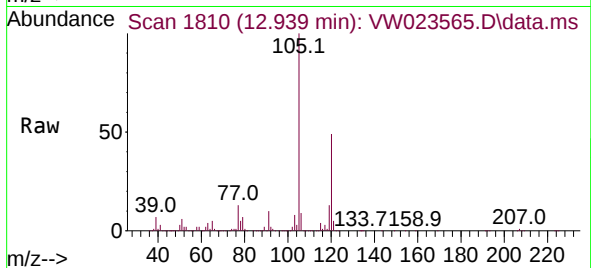




#62
1,3,5-Trimethylbenzene
Concen: 26.899 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

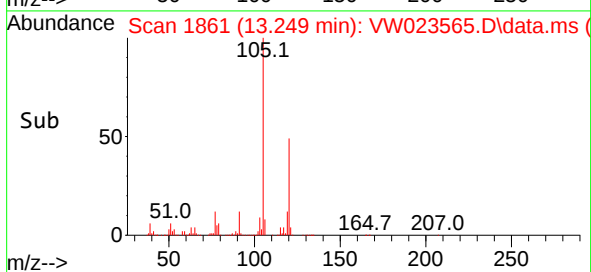
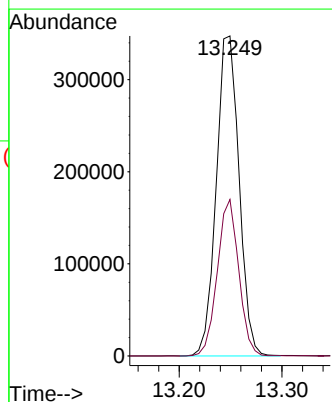
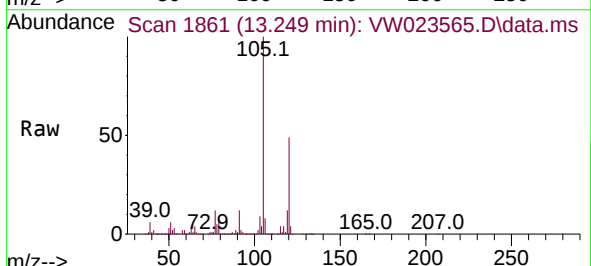
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

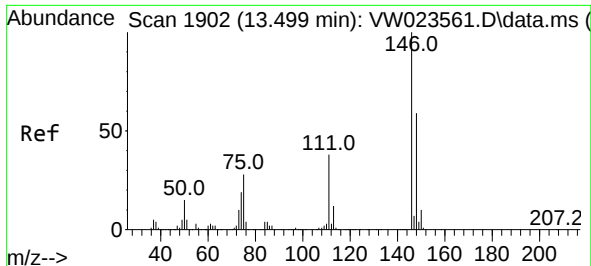
Tgt Ion:105 Resp: 532115
Ion Ratio Lower Upper
105 100
120 49.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 26.913 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion:105 Resp: 534272
Ion Ratio Lower Upper
105 100
120 45.9 36.9 55.3

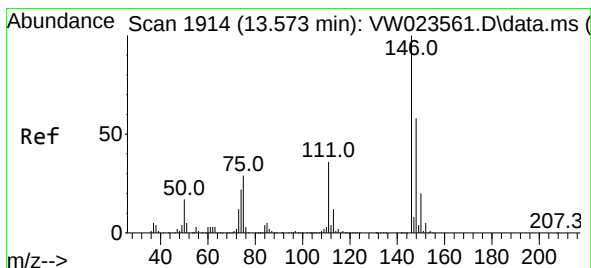
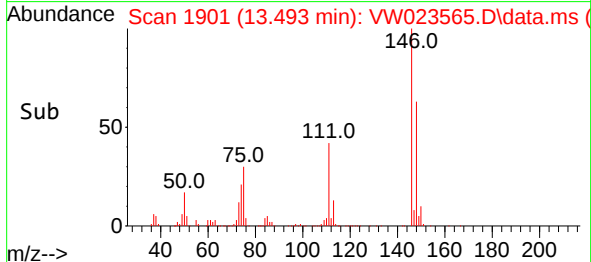
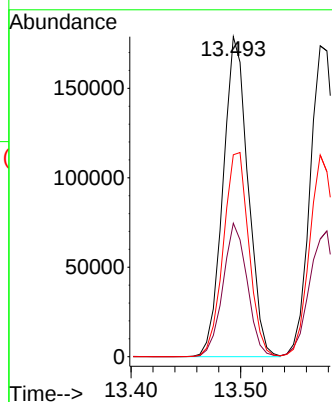
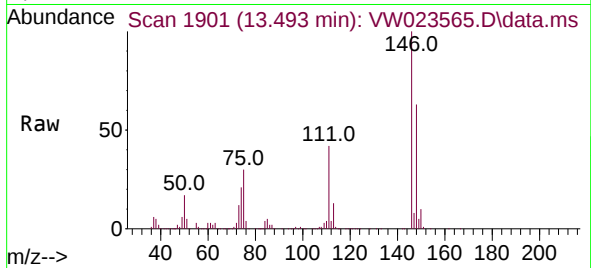




#64
1,3-Dichlorobenzene
Concen: 24.804 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

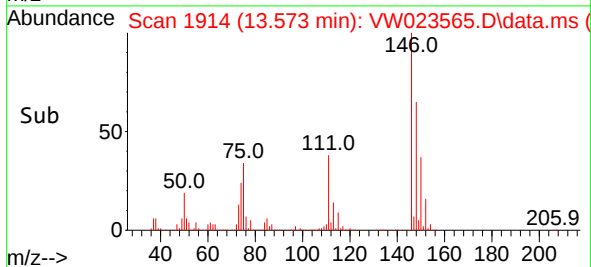
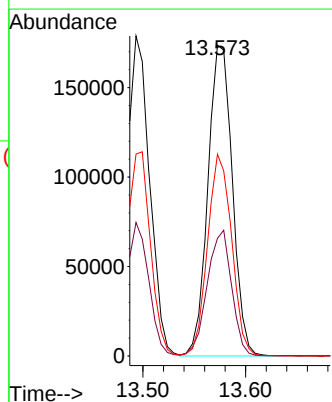
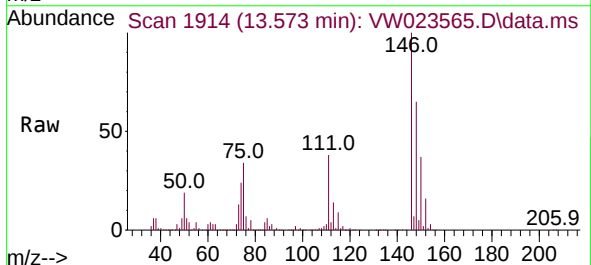
Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

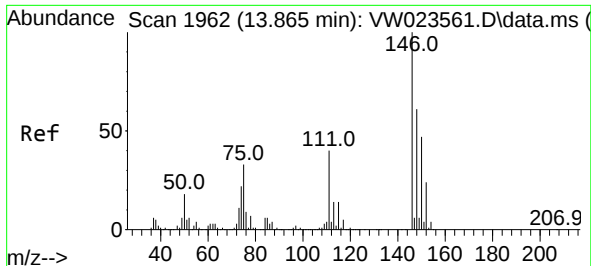
Tgt Ion:146 Resp: 283845
Ion Ratio Lower Upper
146 100
111 41.7 26.7 49.7
148 63.1 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 24.727 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion:146 Resp: 286980
Ion Ratio Lower Upper
146 100
111 37.8 28.2 52.4
148 64.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.775 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

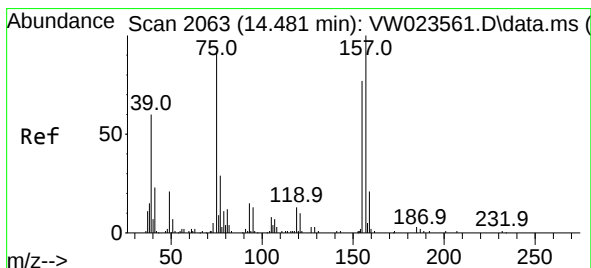
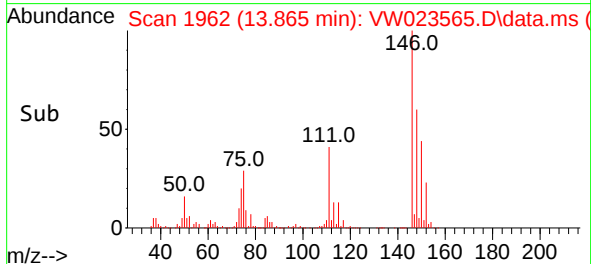
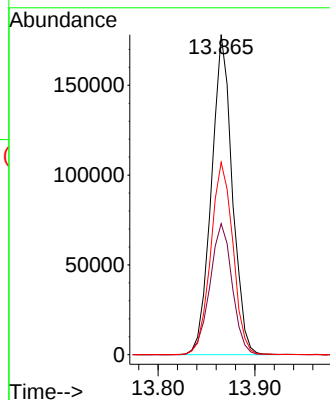
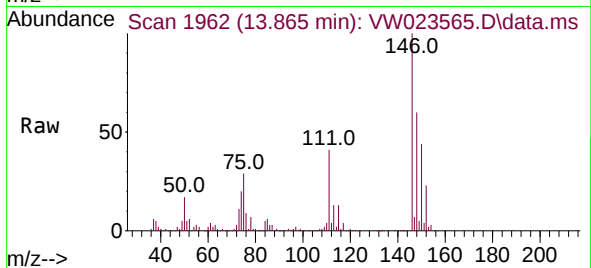
Tgt Ion:146 Resp: 267298

Ion Ratio Lower Upper

146 100

111 40.9 30.6 45.8

148 60.1 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.765 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

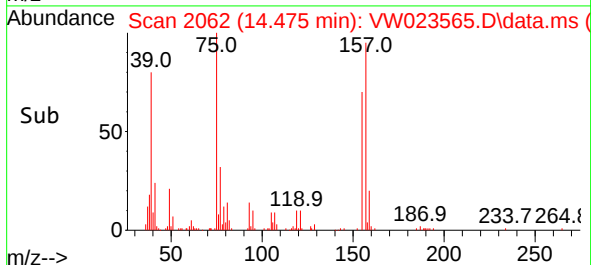
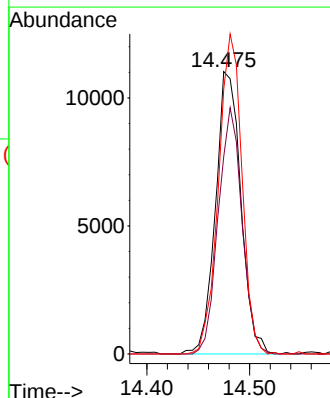
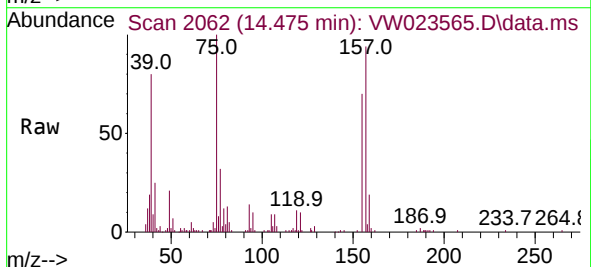
Tgt Ion: 75 Resp: 18928

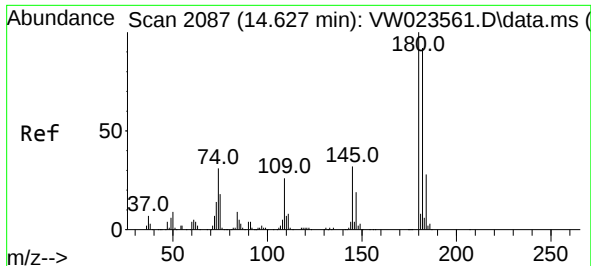
Ion Ratio Lower Upper

75 100

155 69.9 63.8 95.6

157 93.7 85.0 127.4





#69

1,3,5-Trichlorobenzene

Concen: 24.236 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025589

Tgt Ion:180 Resp: 185177

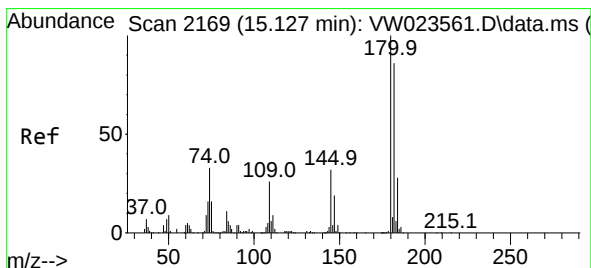
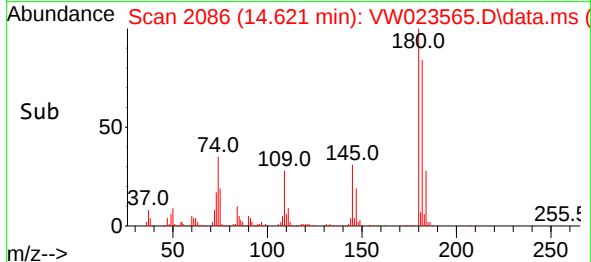
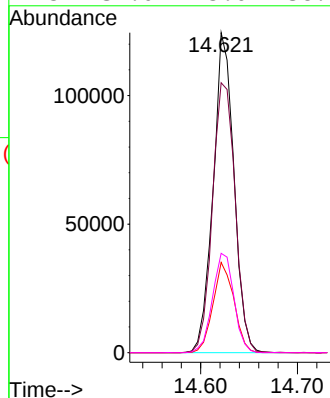
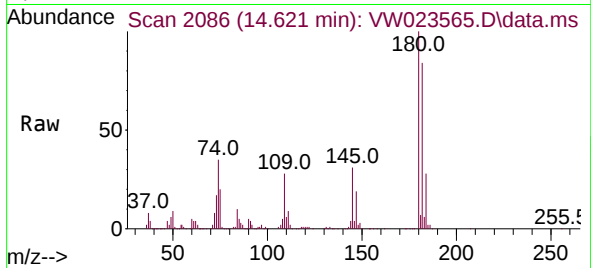
Ion Ratio Lower Upper

180 100

182 92.2 75.5 113.3

184 28.5 24.6 36.8

145 32.0 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 24.237 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023565.D

Acq: 05 Jul 2022 11:56

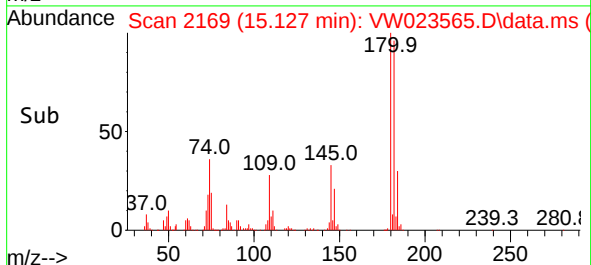
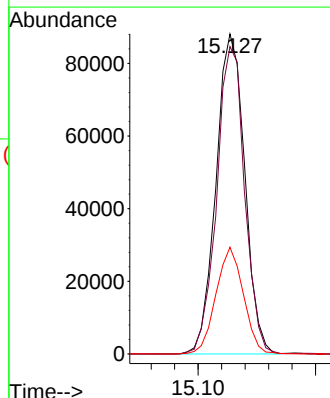
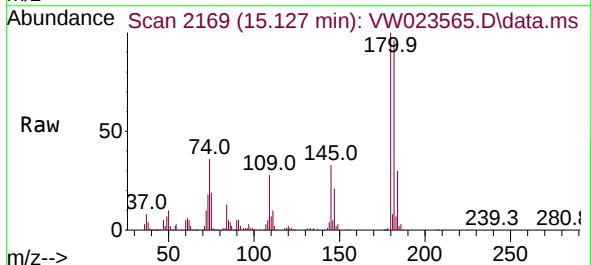
Tgt Ion:180 Resp: 149443

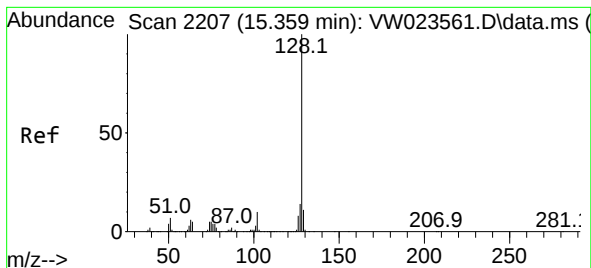
Ion Ratio Lower Upper

180 100

182 93.4 77.0 115.4

145 31.9 26.1 39.1

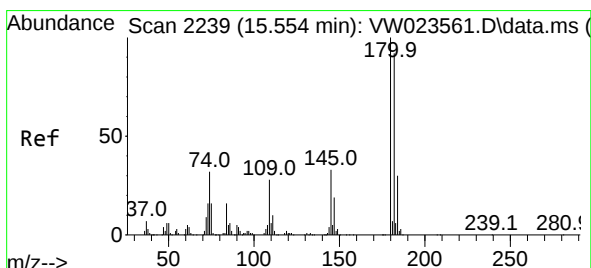
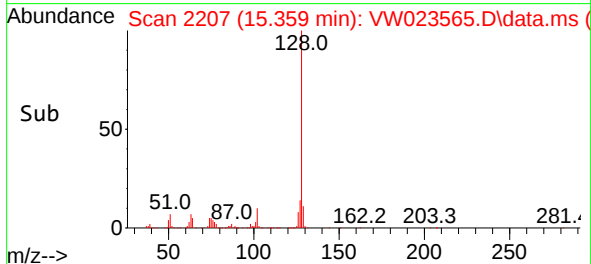
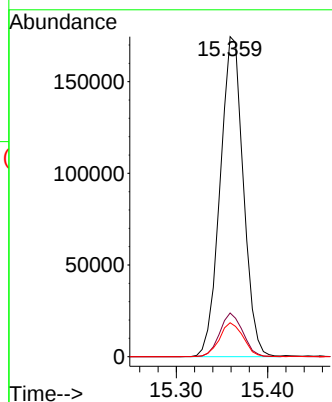
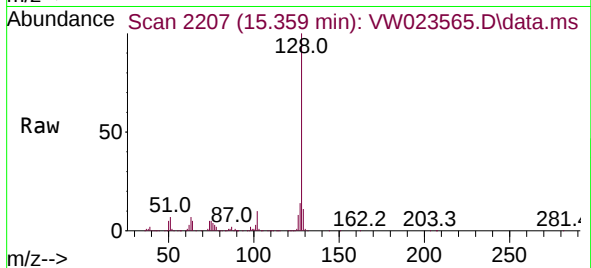




#71
Naphthalene
Concen: 24.084 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

Tgt Ion:128 Resp: 308102
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 23.362 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023565.D
Acq: 05 Jul 2022 11:56

Tgt Ion:180 Resp: 131474
Ion Ratio Lower Upper
180 100
182 98.2 75.6 113.4
145 35.8 28.2 42.2

