

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090722\
 Data File : VW024563.D
 Acq On : 07 Sep 2022 09:57
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Sep 08 01:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:52:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	375770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	368440	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	171924	22.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
7) Chloroethane-d5	2.873	69	140844	24.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.680%
11) 1,1-Dichloroethene-d2	4.013	63	205385	25.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.360%
21) 2-Butanone-d5	7.074	46	48084	38.420	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.840%
24) Chloroform-d	7.647	84	227981	23.821	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.280%
26) 1,2-Dichloroethane-d4	8.305	65	120473	22.326	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.320%
32) Benzene-d6	8.268	84	447029	24.666	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.680%
36) 1,2-Dichloropropane-d6	9.268	67	123157	23.048	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.200%
41) Toluene-d8	10.317	98	427070	24.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	10.579	79	57355	23.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.800%
47) 2-Hexanone-d5	10.920	63	41892	42.652	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.300%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	112340	21.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	149976	23.758	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	41178	22.881	ug/L	97
3) Chloromethane	2.215	50	126176	22.543	ug/L	99
5) Vinyl chloride	2.355	62	207520	21.992	ug/L	99
6) Bromomethane	2.769	94	146427	23.804	ug/L	87
8) Chloroethane	2.910	64	122504	23.863	ug/L	95
9) Trichlorofluoromethane	3.245	101	85892	15.745	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	127605	25.388	ug/L #	89
12) 1,1-Dichloroethene	4.031	96	108154	25.175	ug/L	97
13) Acetone	4.117	43	44014	41.333	ug/L	96
14) Carbon disulfide	4.379	76	280333	24.662	ug/L	99
15) Methyl Acetate	4.672	43	47046	20.903	ug/L	98
16) Methylene chloride	4.915	84	119282	21.273	ug/L	86
17) trans-1,2-Dichloroethene	5.415	96	122966	24.988	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	206619	23.576	ug/L	99
19) 1,1-Dichloroethane	6.214	63	221660	24.757	ug/L	99
22) 2-Butanone	7.171	43	68125	39.551	ug/L	97
23) Bromochloromethane	7.512	128	59658	23.600	ug/L	98
25) Chloroform	7.671	83	245709	24.705	ug/L	97
27) 1,2-Dichloroethane	8.396	62	161199	24.113	ug/L	99

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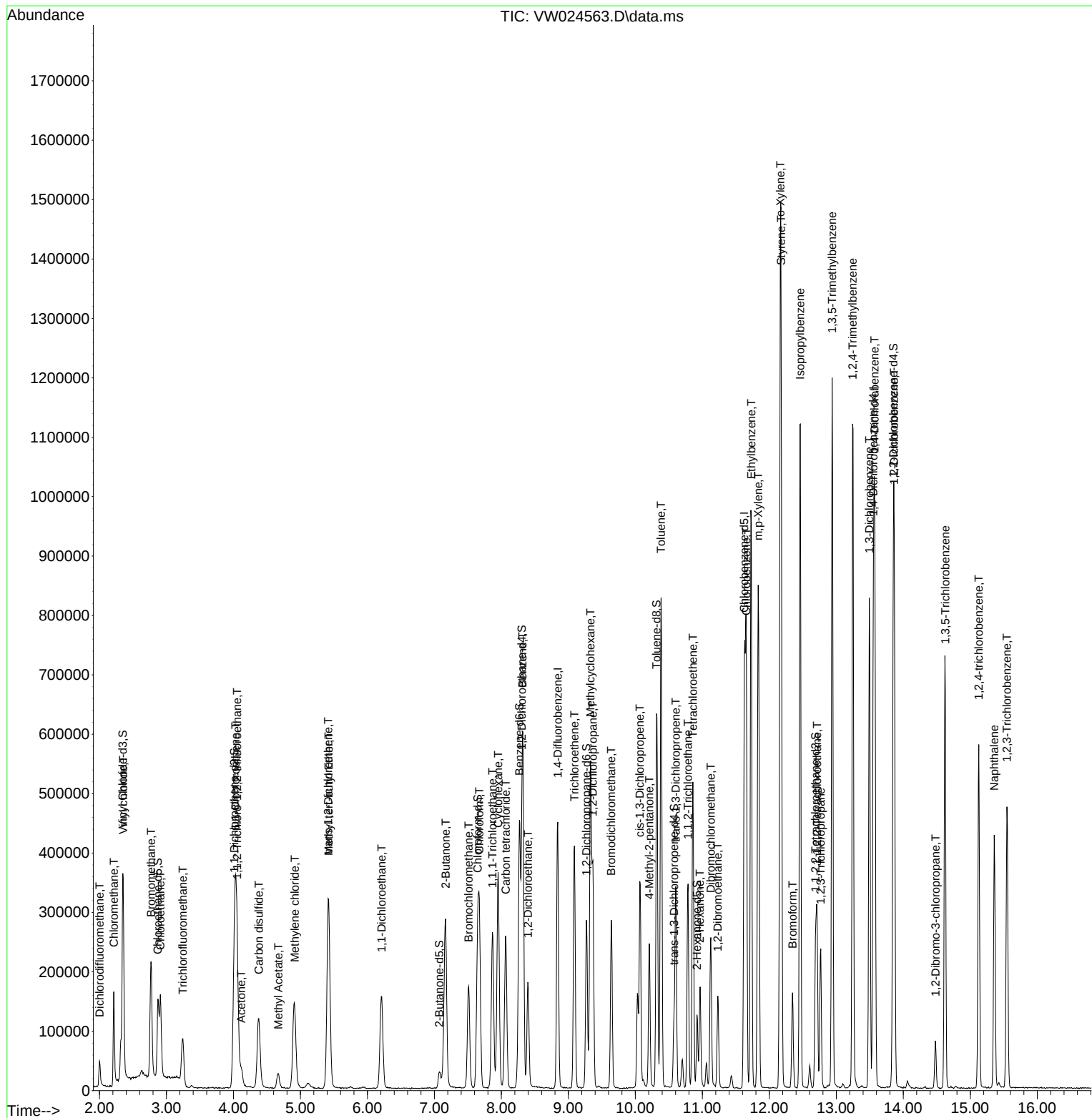
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	187653	26.308	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	203260	25.155	ug/L	99
31) Carbon tetrachloride	8.067	117	188603	25.556	ug/L	98
33) Benzene	8.317	78	526763	25.190	ug/L	100
34) Trichloroethene	9.091	95	137701	25.213	ug/L	92
35) Methylcyclohexane	9.329	83	229459	26.260	ug/L	99
37) 1,2-Dichloropropane	9.366	63	129168	24.732	ug/L	99
38) Bromodichloromethane	9.640	83	180826	24.497	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	198488	25.993	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	152819	44.357	ug/L	99
42) Toluene	10.384	91	599981	26.025	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	179249	24.851	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	105256	24.114	ug/L	96
46) Tetrachloroethene	10.859	164	104143	25.879	ug/L	97
48) 2-Hexanone	10.963	43	105135	44.500	ug/L	97
49) Dibromochloromethane	11.128	129	129649	25.408	ug/L	100
50) 1,2-Dibromoethane	11.231	107	99627	23.517	ug/L #	98
51) Chlorobenzene	11.658	112	405233	25.443	ug/L	99
52) Ethylbenzene	11.731	91	686837	26.240	ug/L	94
53) m,p-Xylene	11.835	106	276641	27.052	ug/L	97
54) o-Xylene	12.164	106	268240	27.550	ug/L	98
55) Styrene	12.176	104	457038	26.668	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	128960	23.337	ug/L	99
59) Bromoform	12.347	173	66012	22.787	ug/L	97
60) Isopropylbenzene	12.463	105	733428	27.179	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	91613	22.218	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	615709	27.477	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	607330	27.232	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	317107	26.080	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	330131	25.759	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	290042	25.580	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18914	19.387	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	197698	25.033	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	161505	25.772	ug/L	98
71) Naphthalene	15.359	128	346764	25.011	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	150053	25.738	ug/L	95

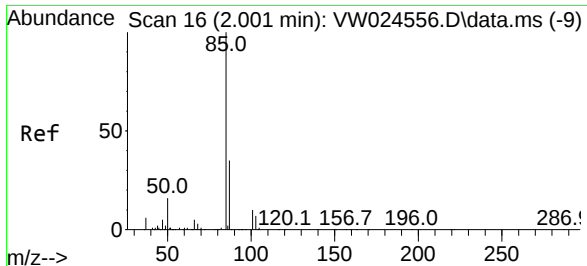
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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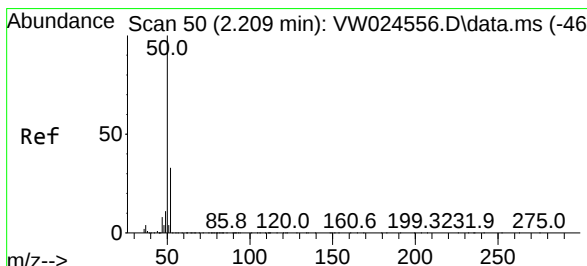
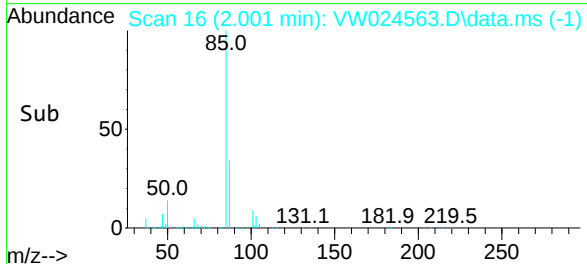
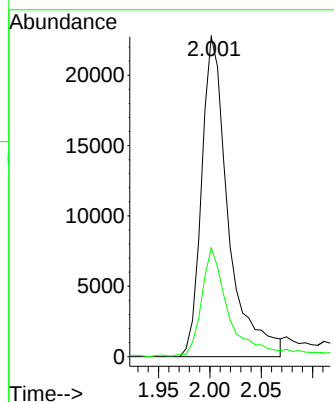
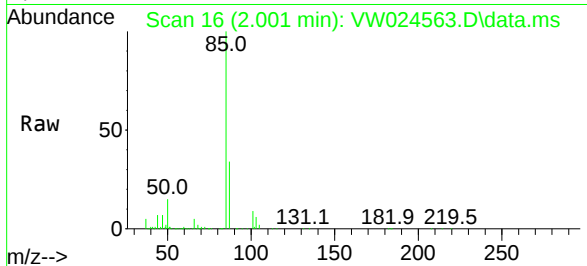




#2
Dichlorodifluoromethane
Concen: 22.881 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

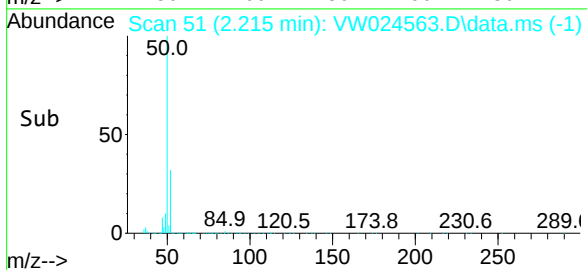
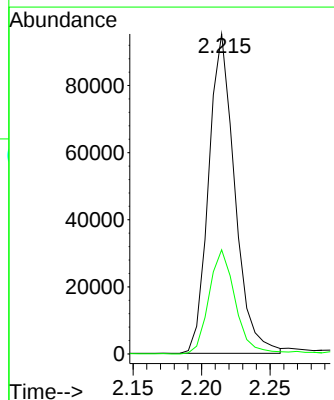
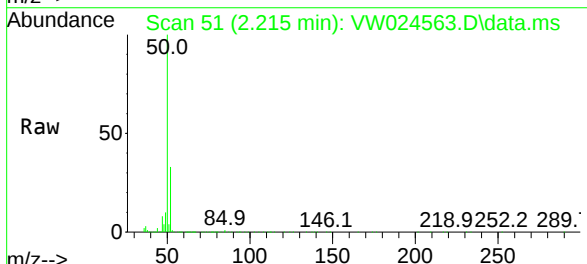
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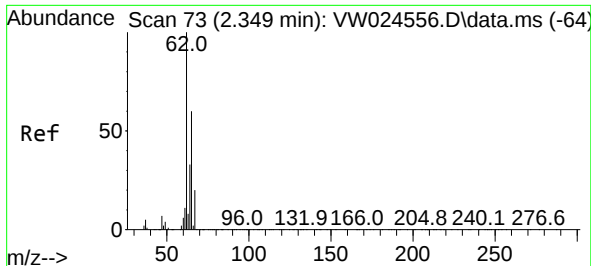
Tgt Ion: 85 Resp: 41178
Ion Ratio Lower Upper
85 100
87 31.8 24.2 36.2



#3
Chloromethane
Concen: 22.543 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 50 Resp: 126176
Ion Ratio Lower Upper
50 100
52 32.5 23.3 43.3

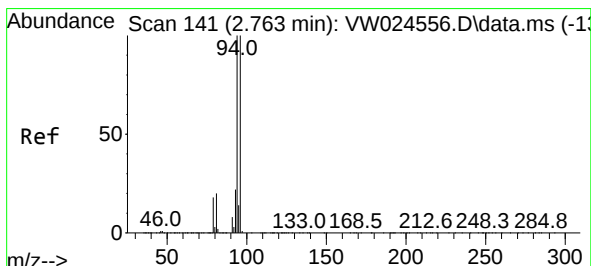
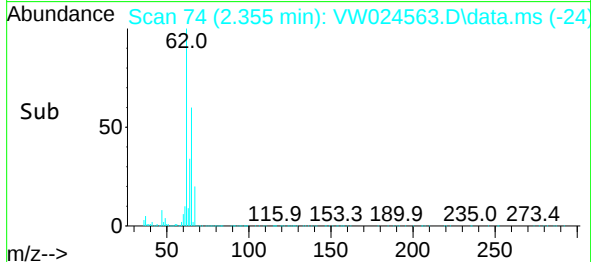
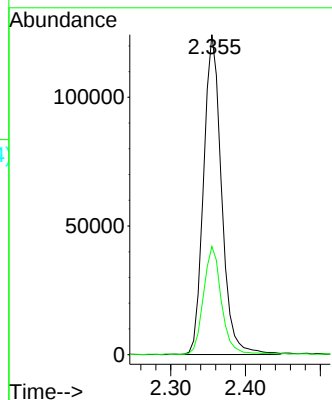
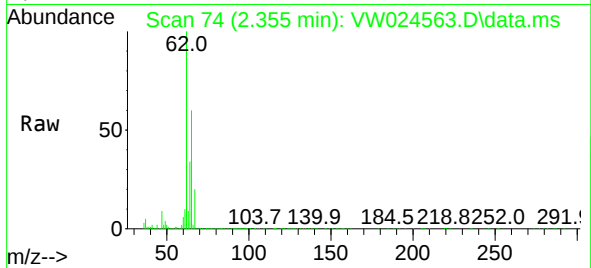




#5
 Vinyl chloride
 Concen: 21.992 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024563.D
 Acq: 07 Sep 2022 09:57

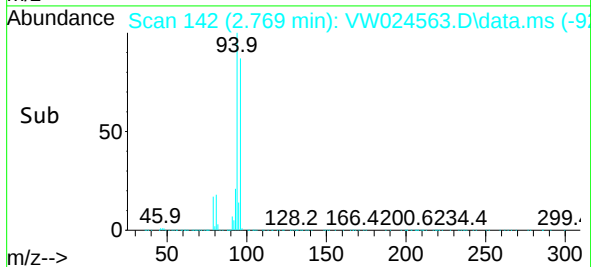
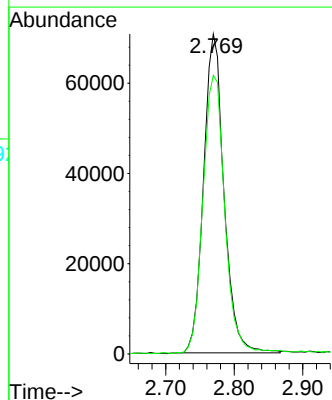
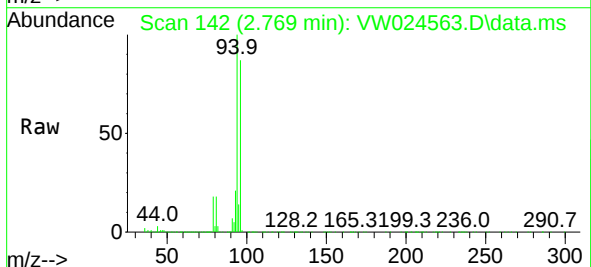
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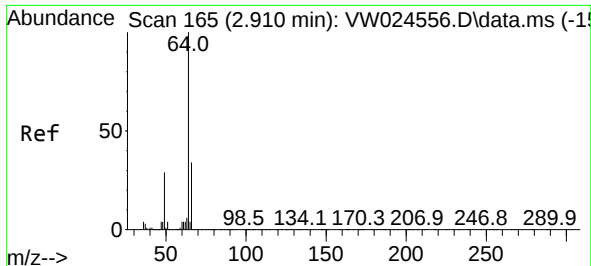
Tgt Ion: 62 Resp: 207520
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.3 43.3



#6
 Bromomethane
 Concen: 23.804 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.006 min
 Lab File: VW024563.D
 Acq: 07 Sep 2022 09:57

Tgt Ion: 94 Resp: 146427
 Ion Ratio Lower Upper
 94 100
 96 87.1 69.8 129.6

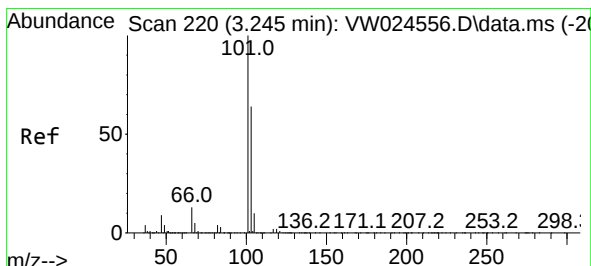
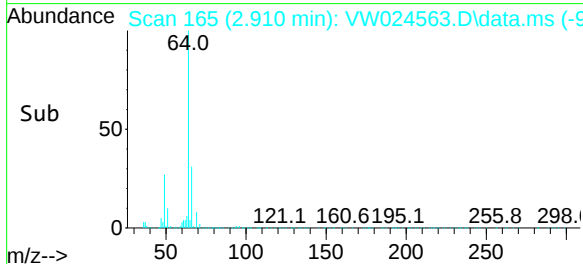
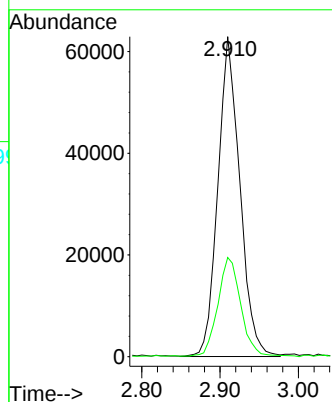
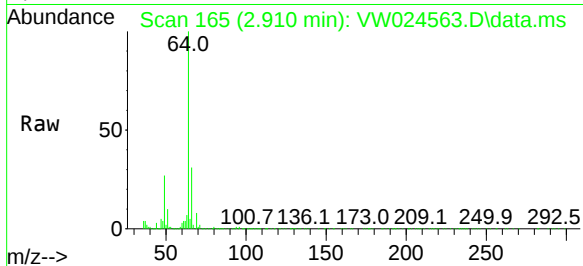




#8
Chloroethane
Concen: 23.863 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

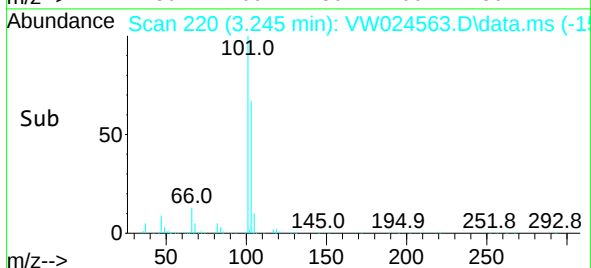
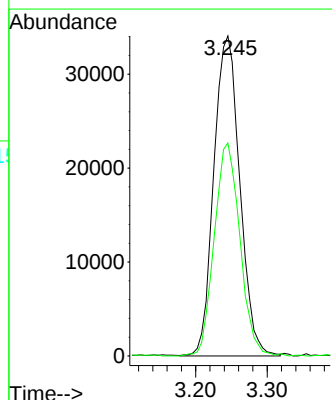
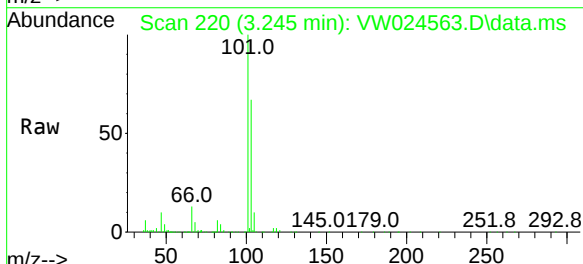
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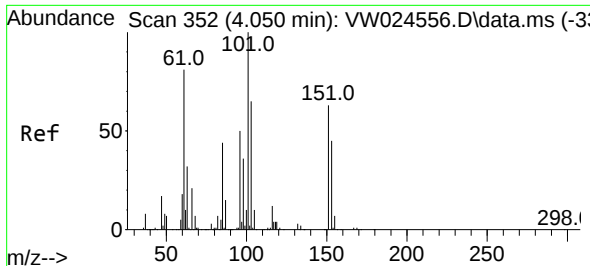
Tgt Ion: 64 Resp: 122504
Ion Ratio Lower Upper
64 100
66 31.0 23.7 44.1



#9
Trichlorofluoromethane
Concen: 15.745 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 101 Resp: 85892
Ion Ratio Lower Upper
101 100
103 65.5 52.5 78.7

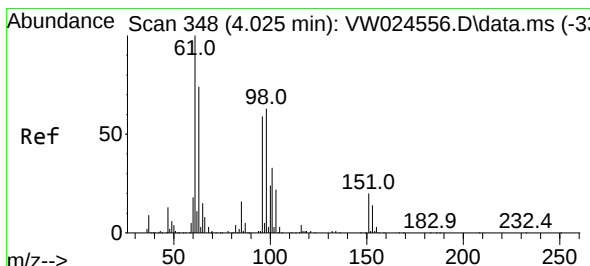
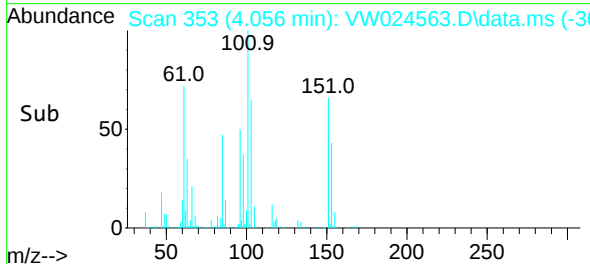
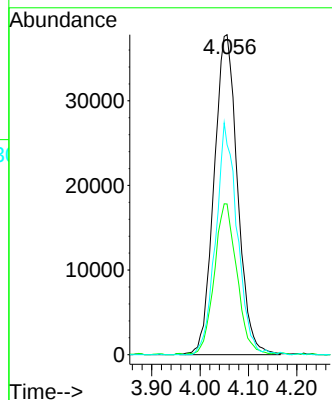
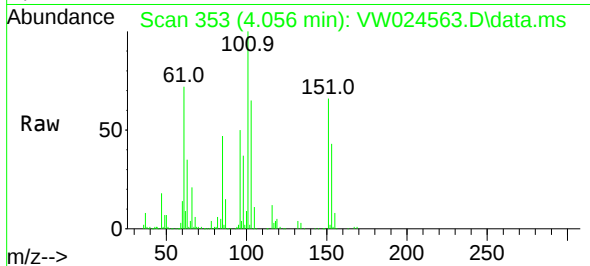




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.388 ug/L
RT: 4.056 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW024563.D
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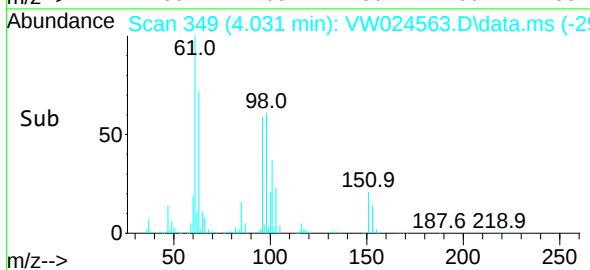
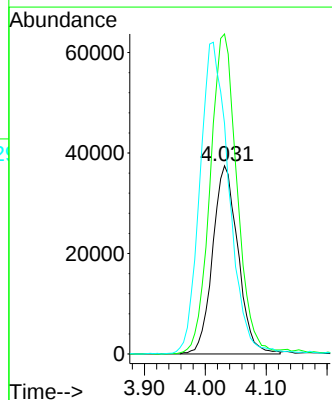
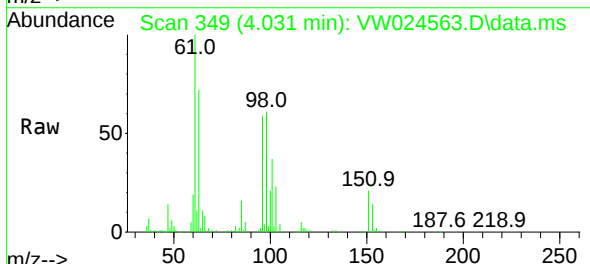
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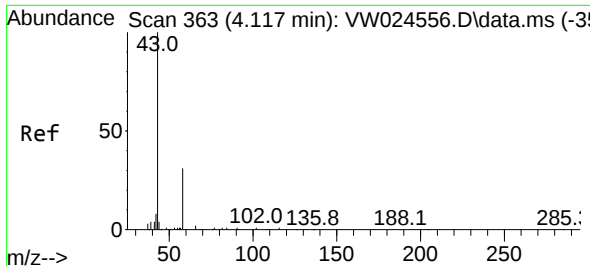
Tgt Ion:101 Resp: 127605
Ion Ratio Lower Upper
101 100
85 45.3 21.8 32.8#
151 65.9 53.9 80.9



#12
1,1-Dichloroethene
Concen: 25.175 ug/L
RT: 4.031 min Scan# 349
Delta R.T. 0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 96 Resp: 108154
Ion Ratio Lower Upper
96 100
61 170.0 119.8 222.6
63 122.5 89.6 166.4

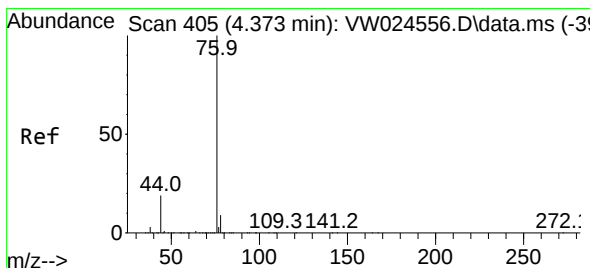
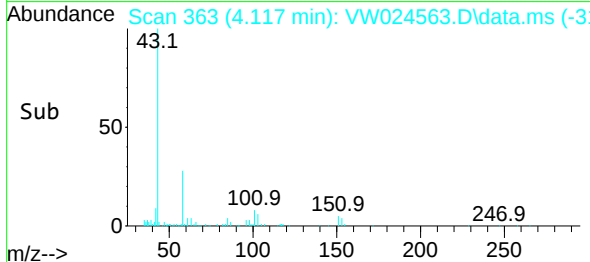
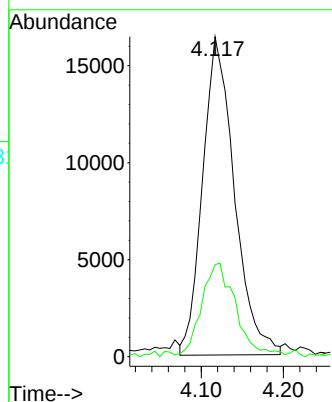
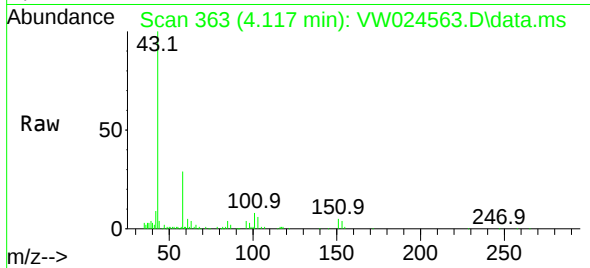




#13
Acetone
Concen: 41.333 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
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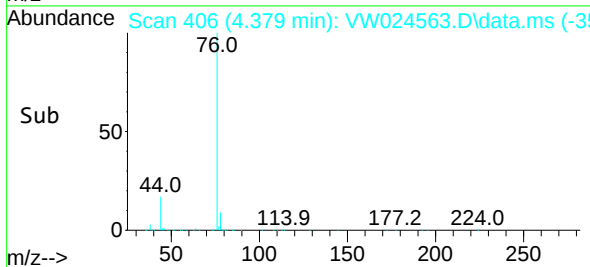
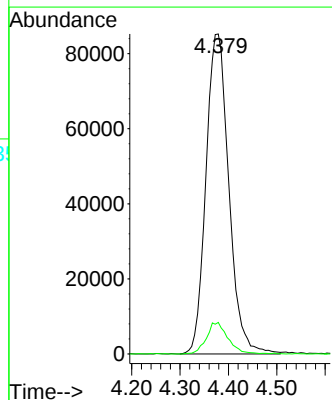
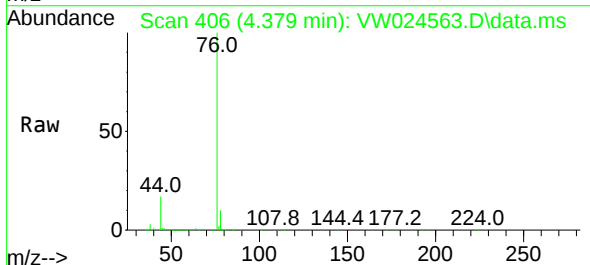
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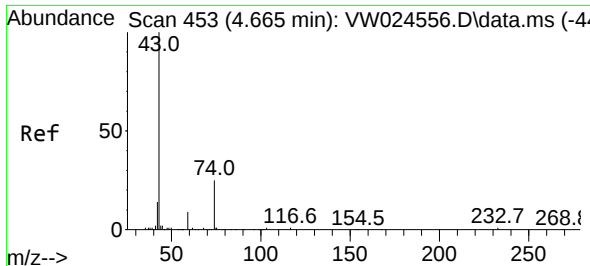
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Ion Ratio Lower Upper
43 100
58 31.2 0.0 57.8



#14
Carbon disulfide
Concen: 24.662 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 280333
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3

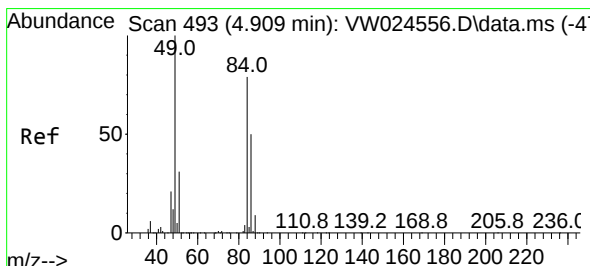
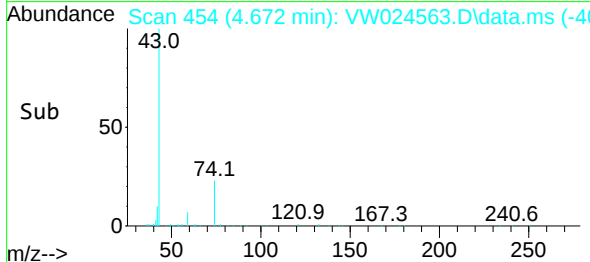
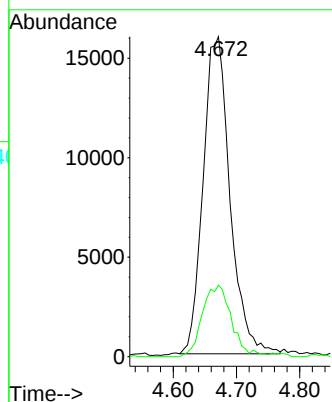
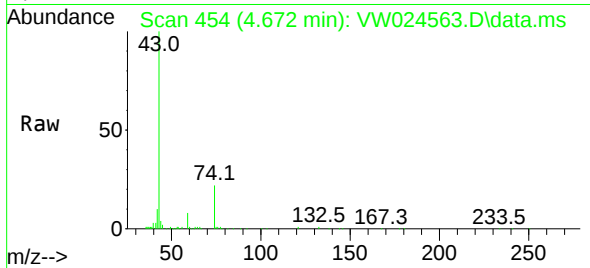




#15
Methyl Acetate
Concen: 20.903 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

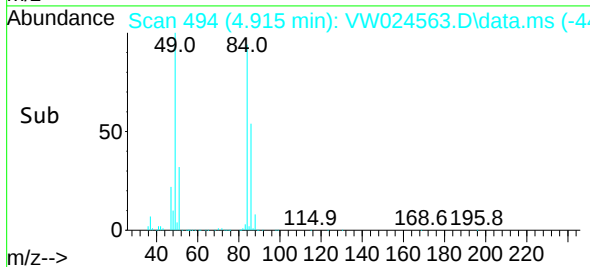
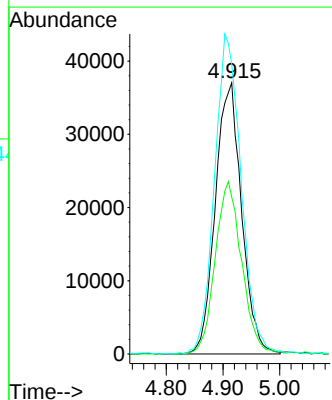
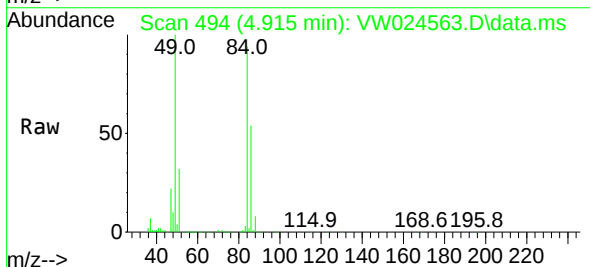
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

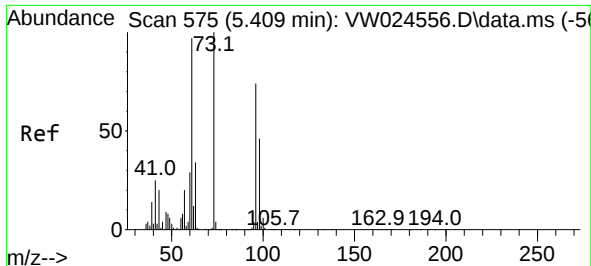
Tgt Ion: 43 Resp: 47046
Ion Ratio Lower Upper
43 100
74 23.7 19.9 29.9



#16
Methylene chloride
Concen: 21.273 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 84 Resp: 119282
Ion Ratio Lower Upper
84 100
86 57.9 44.4 82.5
49 106.8 88.5 164.3

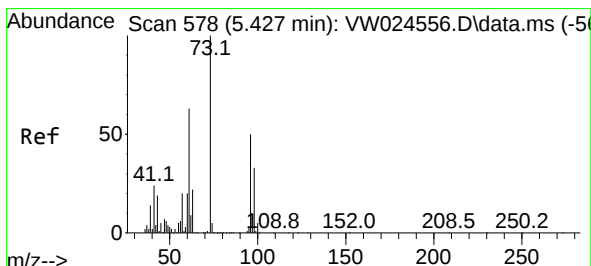
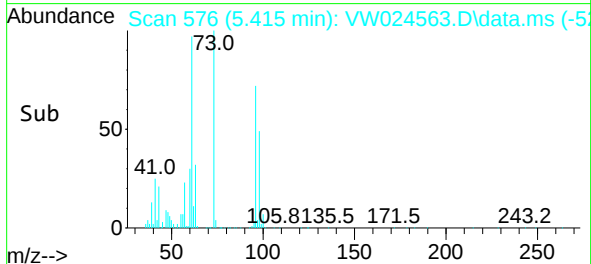
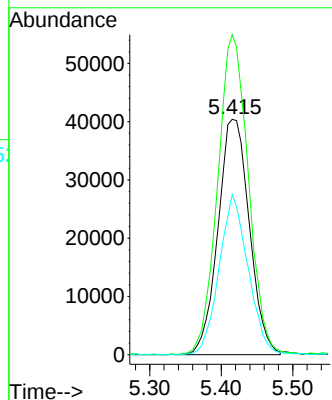
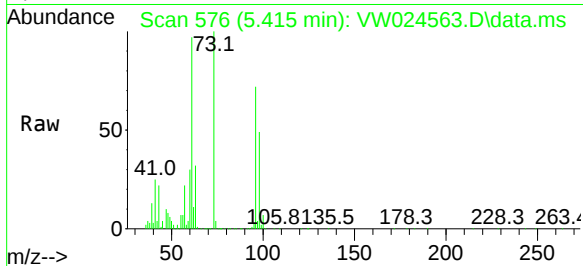




#17
trans-1,2-Dichloroethene
Concen: 24.988 ug/L
RT: 5.415 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

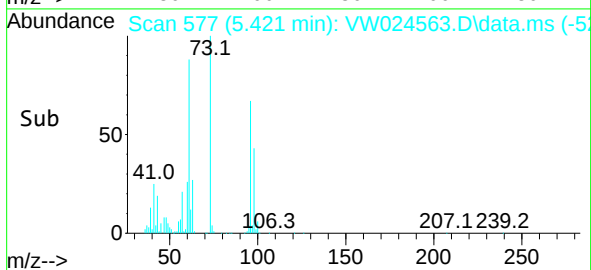
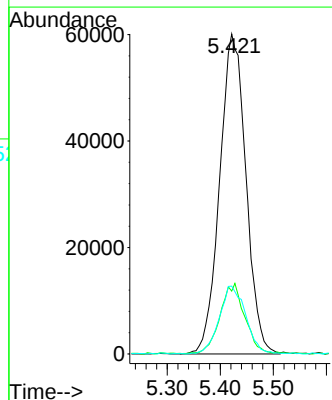
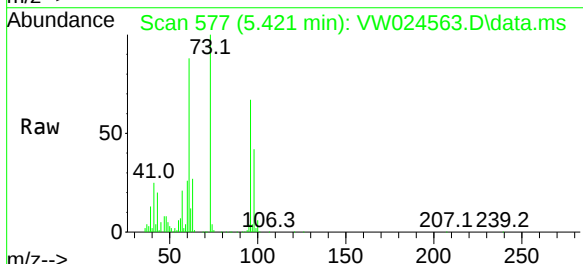
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

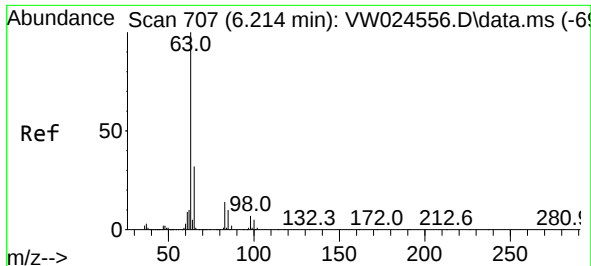
Tgt Ion: 96 Resp: 122966
Ion Ratio Lower Upper
96 100
61 136.0 91.7 170.3
98 68.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 23.576 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 73 Resp: 206619
Ion Ratio Lower Upper
73 100
43 20.6 16.7 25.1
57 21.4 16.8 25.2





#19

1,1-Dichloroethane

Concen: 24.757 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

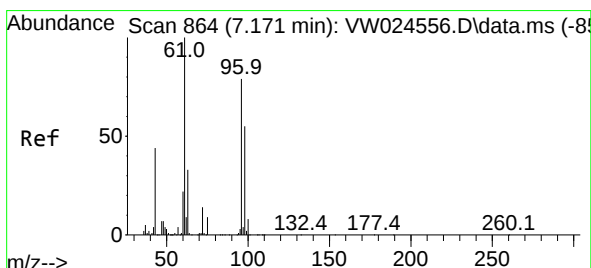
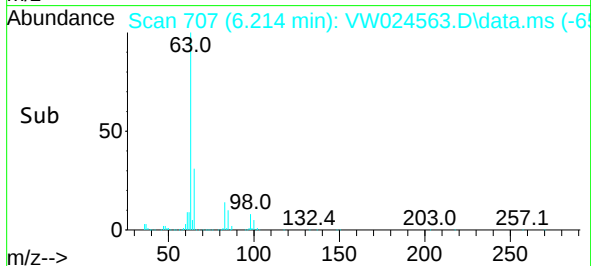
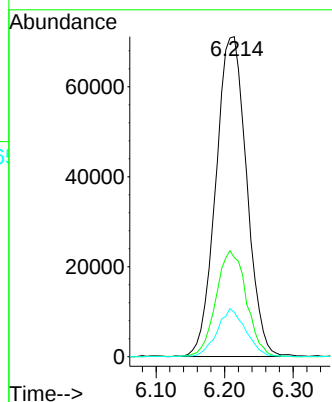
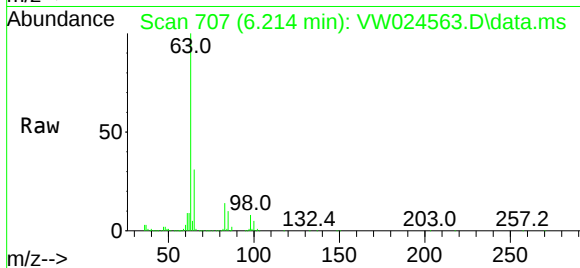
Tgt Ion: 63 Resp: 221660

Ion Ratio Lower Upper

63 100

65 31.0 22.0 41.0

83 13.9 9.5 17.7



#22

2-Butanone

Concen: 39.551 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024563.D

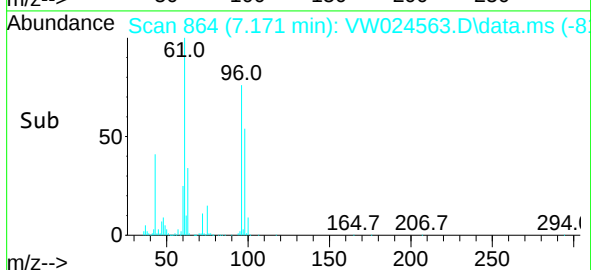
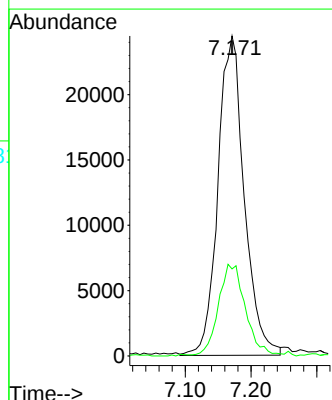
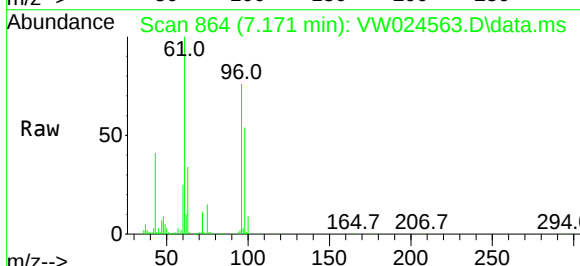
Acq: 07 Sep 2022 09:57

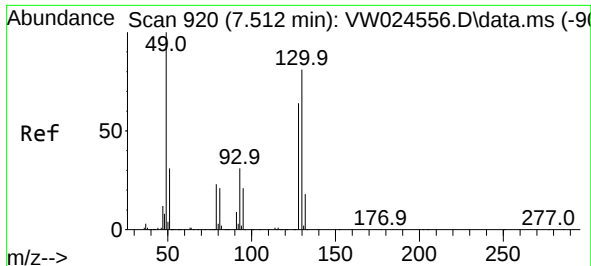
Tgt Ion: 43 Resp: 68125

Ion Ratio Lower Upper

43 100

72 29.2 15.4 46.4

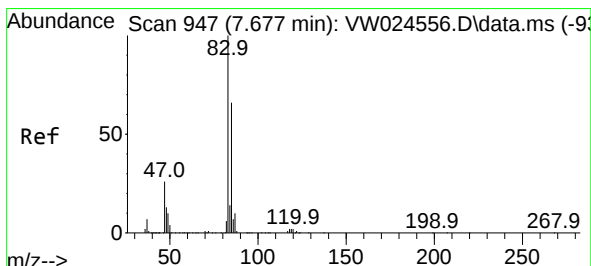
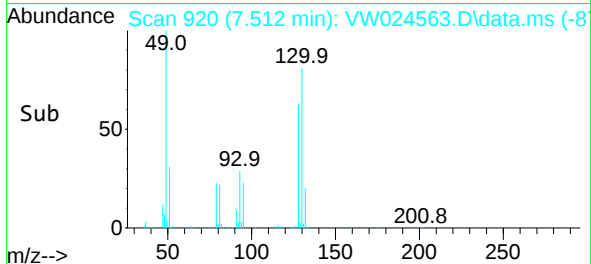
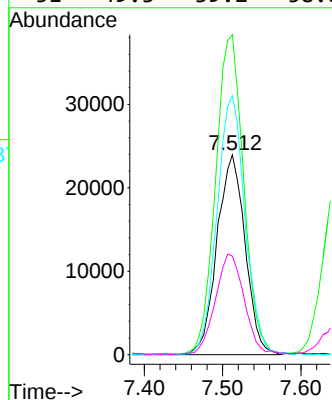
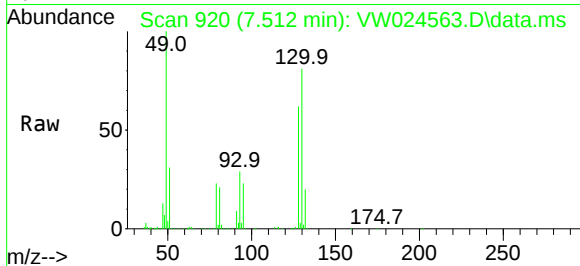




#23
Bromochloromethane
Concen: 23.600 ug/L
RT: 7.512 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

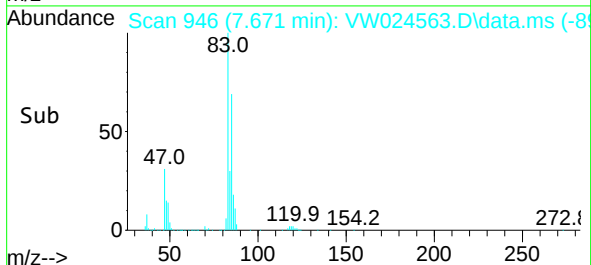
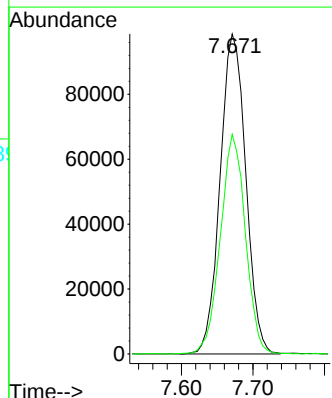
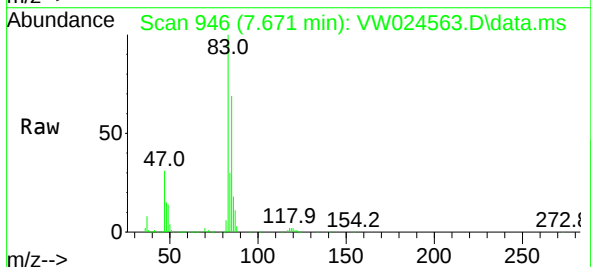
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

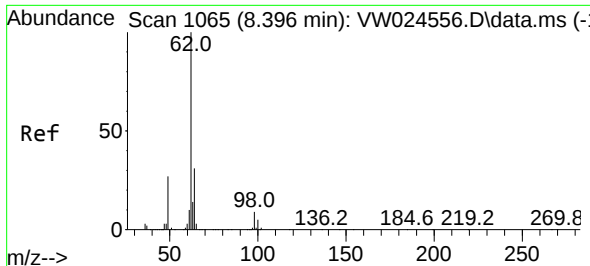
Tgt Ion:	128	Resp:	59658
Ion	Ratio	Lower	Upper
128	100		
49	160.1	110.0	204.2
130	129.4	88.3	163.9
51	49.3	39.2	58.8



#25
Chloroform
Concen: 24.705 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion:	83	Resp:	245709
Ion	Ratio	Lower	Upper
83	100		
85	68.6	46.4	86.2





#27

1,2-Dichloroethane

Concen: 24.113 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

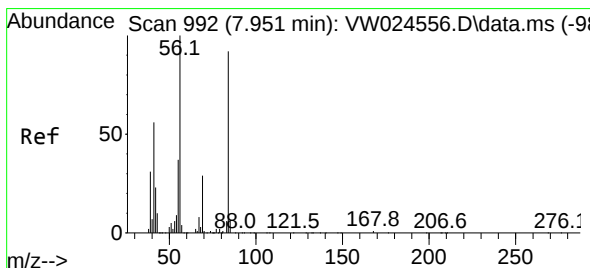
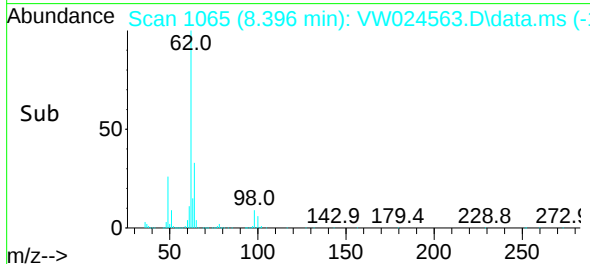
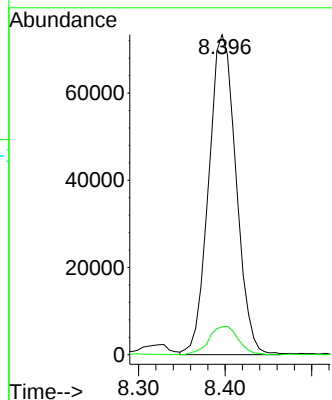
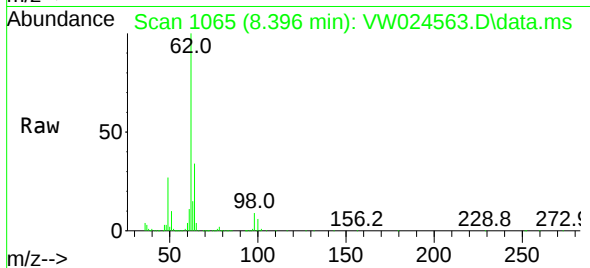
VSTD025562

Tgt Ion: 62 Resp: 161199

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.0



#29

Cyclohexane

Concen: 26.308 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

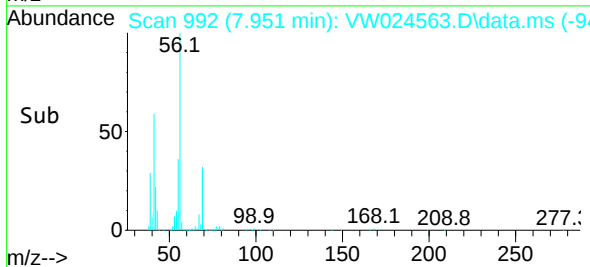
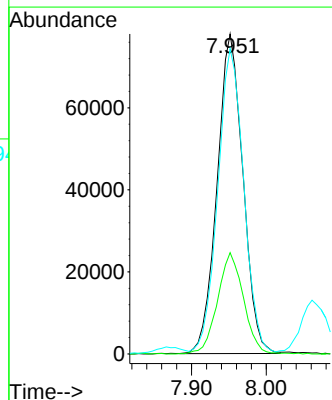
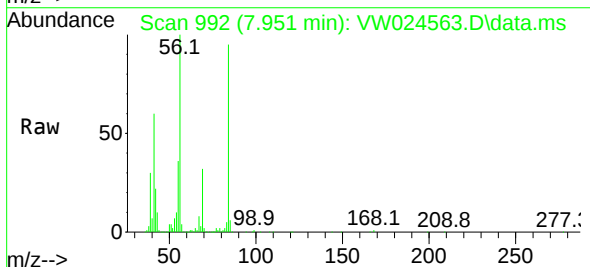
Tgt Ion: 56 Resp: 187653

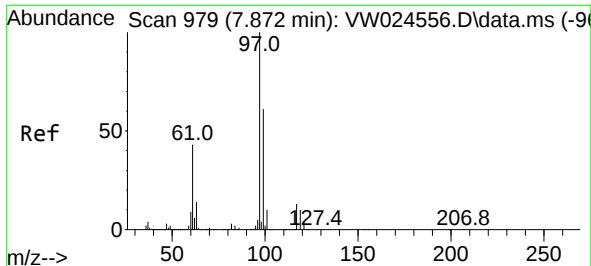
Ion Ratio Lower Upper

56 100

69 31.7 24.5 36.7

84 95.9 75.7 113.5





#30

1,1,1-Trichloroethane

Concen: 25.155 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

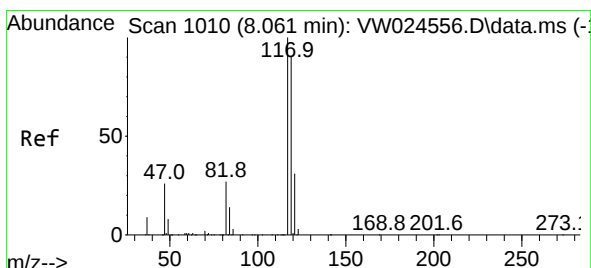
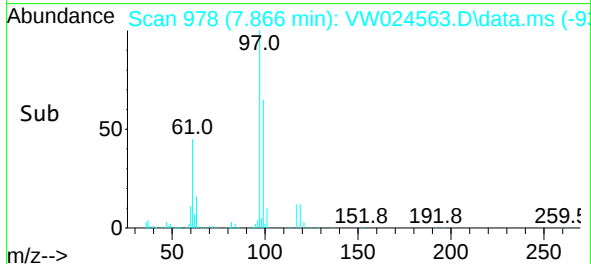
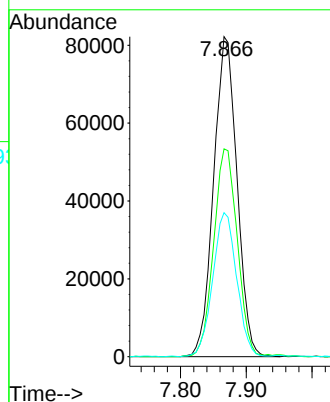
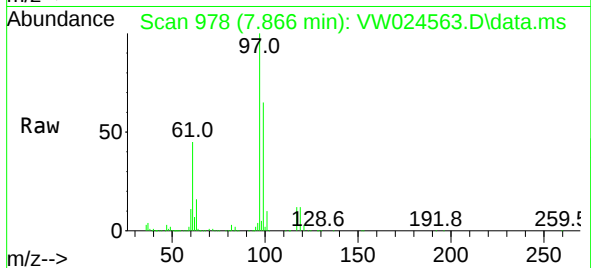
Tgt Ion: 97 Resp: 203260

Ion Ratio Lower Upper

97 100

99 65.6 51.5 77.3

61 46.2 37.2 55.8



#31

Carbon tetrachloride

Concen: 25.556 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW024563.D

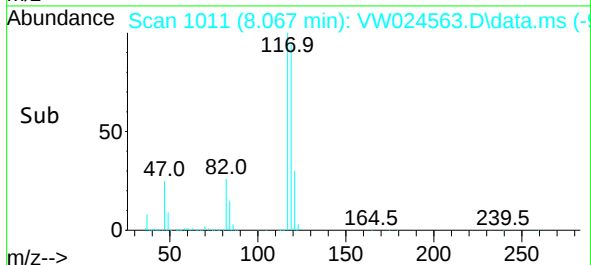
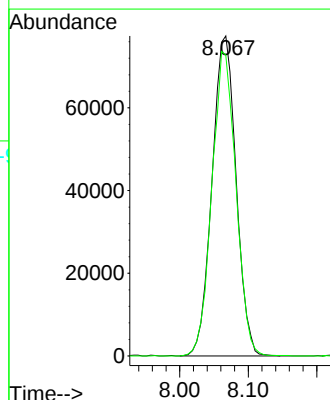
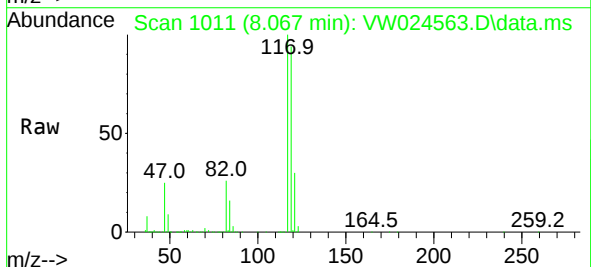
Acq: 07 Sep 2022 09:57

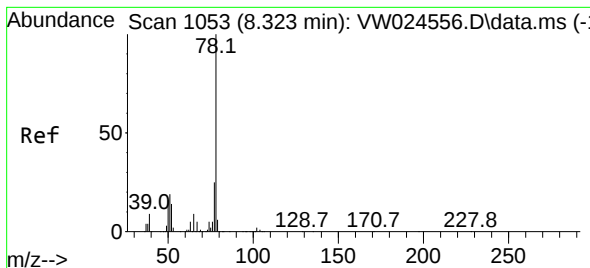
Tgt Ion: 117 Resp: 188603

Ion Ratio Lower Upper

117 100

119 95.2 74.4 111.6





#33

Benzene

Concen: 25.190 ug/L

RT: 8.317 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

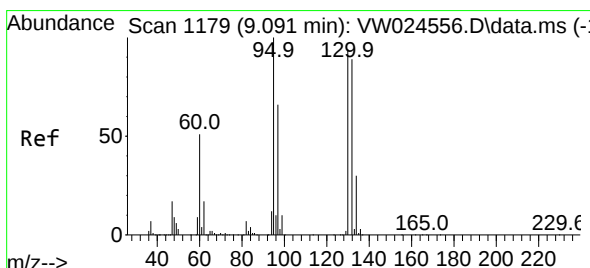
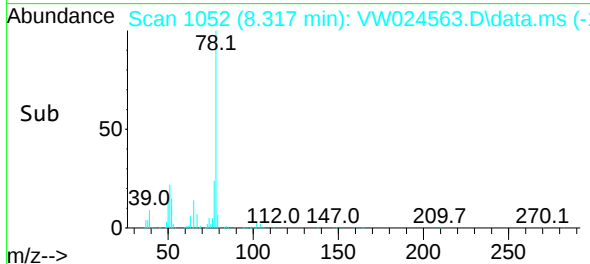
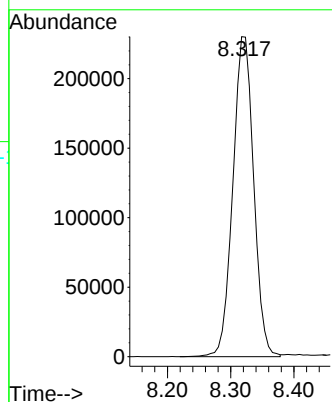
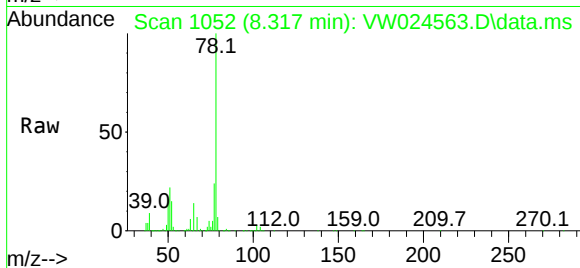
Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

Tgt Ion: 78 Resp: 526763



#34

Trichloroethene

Concen: 25.213 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Tgt Ion: 95 Resp: 137701

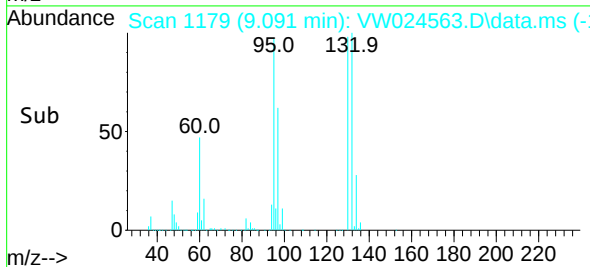
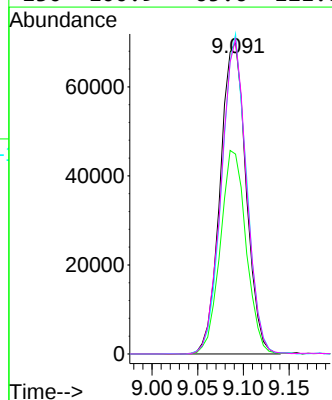
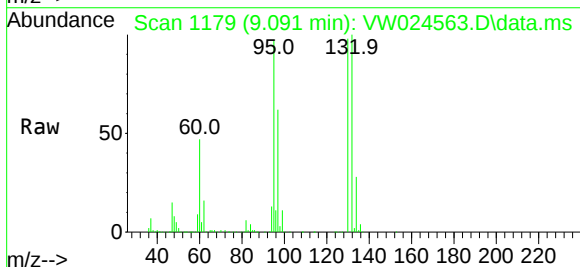
Ion Ratio Lower Upper

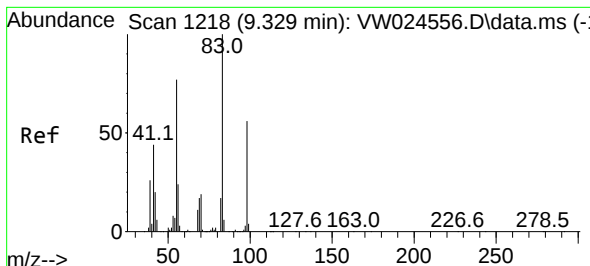
95 100

97 64.1 45.9 85.3

132 102.6 62.6 116.2

130 100.9 65.6 121.8

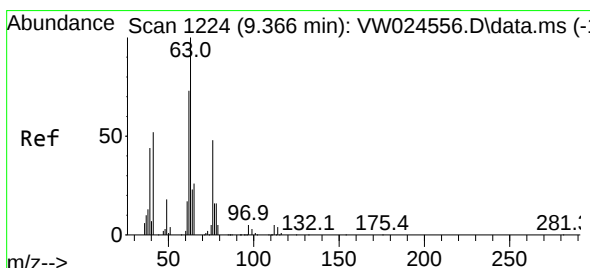
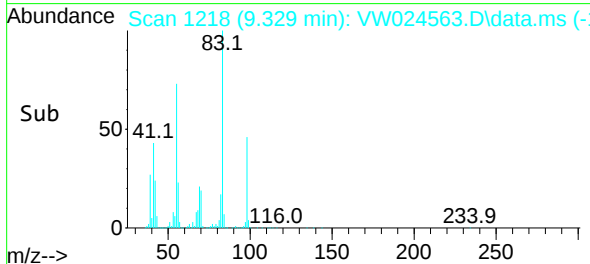
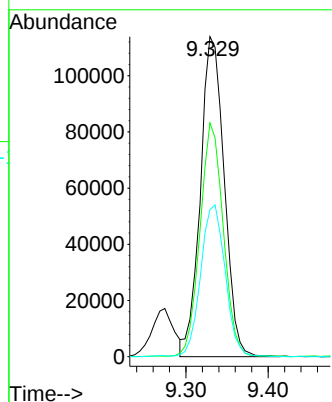
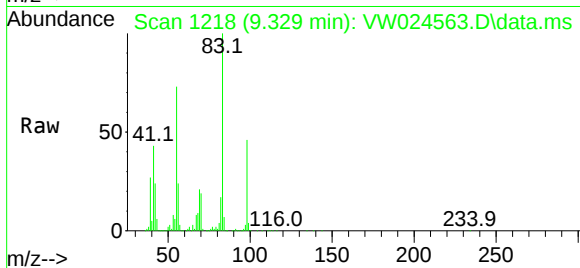




#35
Methylcyclohexane
Concen: 26.260 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

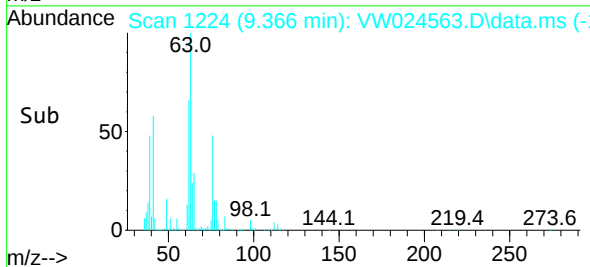
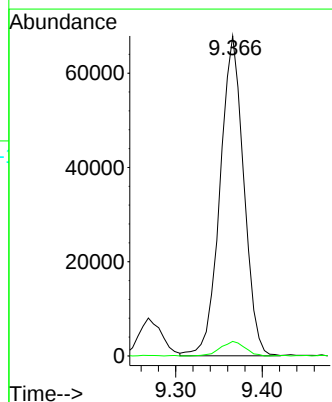
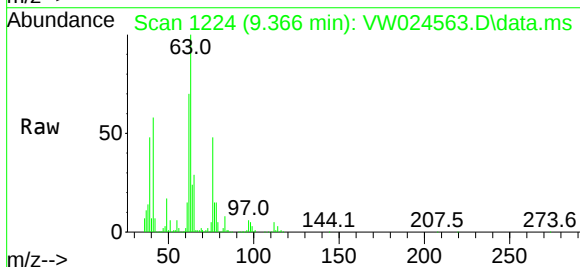
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

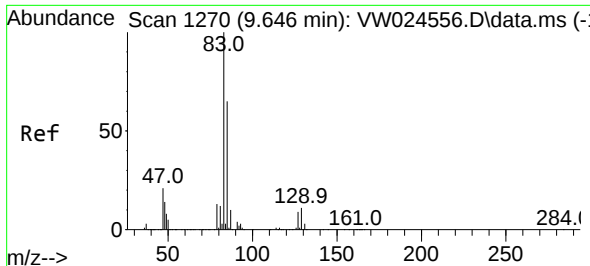
Tgt Ion: 83 Resp: 229459
Ion Ratio Lower Upper
83 100
55 71.4 57.3 85.9
98 48.8 40.4 60.6



#37
1,2-Dichloropropane
Concen: 24.732 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 63 Resp: 129168
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9

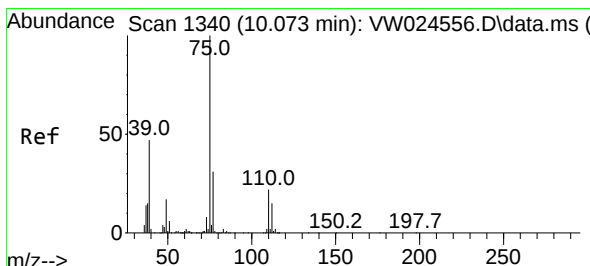
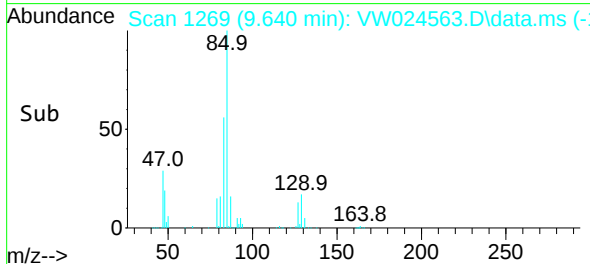
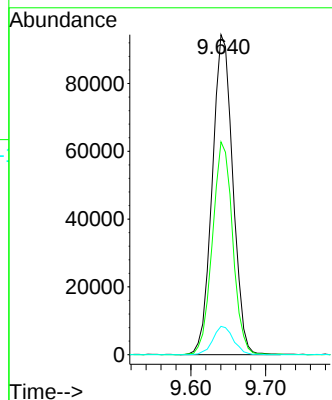
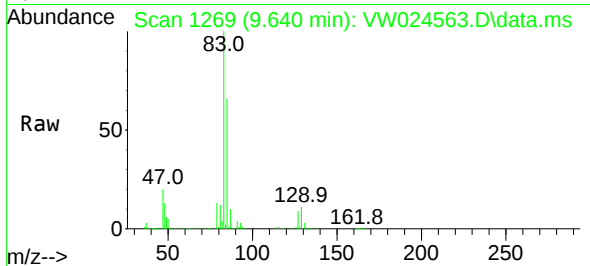




#38
Bromodichloromethane
Concen: 24.497 ug/L
RT: 9.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

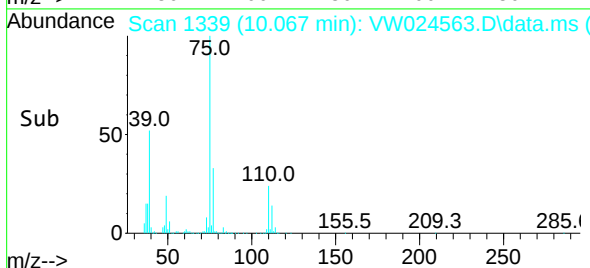
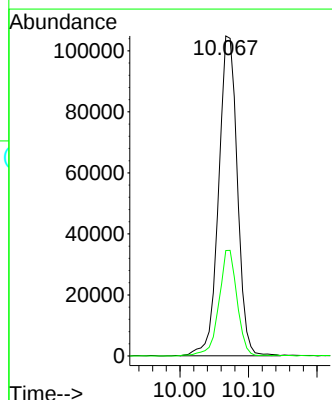
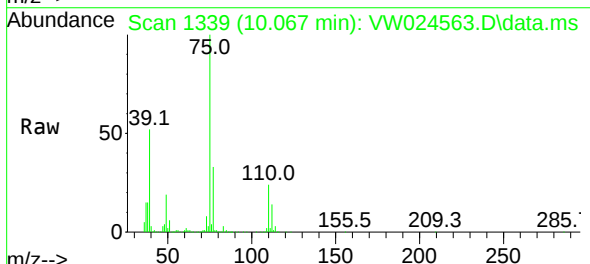
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

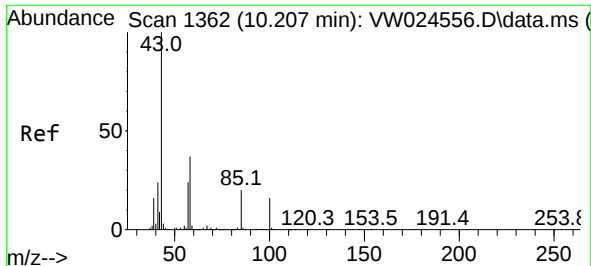
Tgt Ion: 83 Resp: 180826
Ion Ratio Lower Upper
83 100
85 66.5 45.1 83.9
127 8.9 7.3 10.9



#39
cis-1,3-Dichloropropene
Concen: 25.993 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. -0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 75 Resp: 198488
Ion Ratio Lower Upper
75 100
77 32.9 21.9 40.7

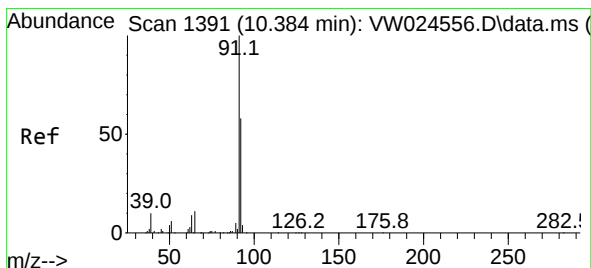
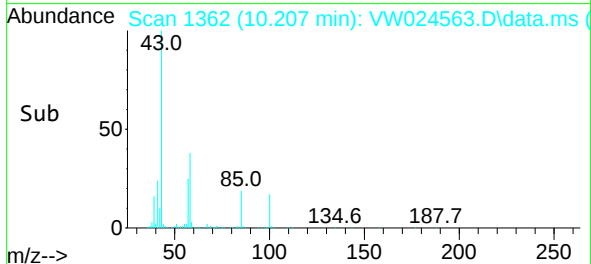
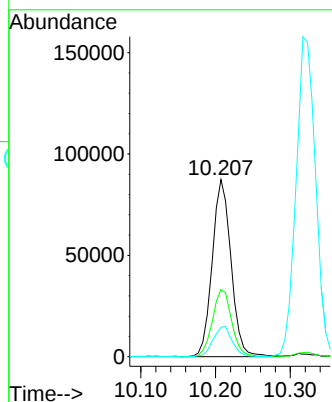
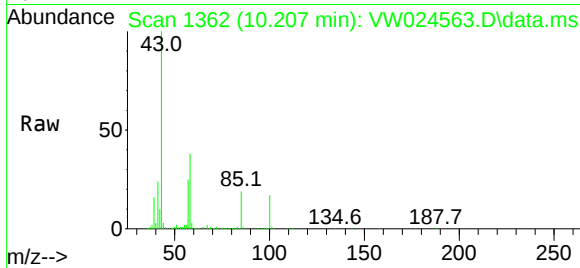




#40
4-Methyl-2-pentanone
Concen: 44.357 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

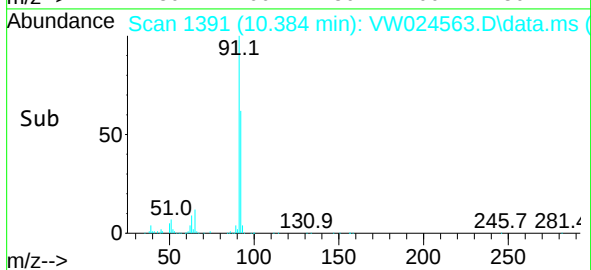
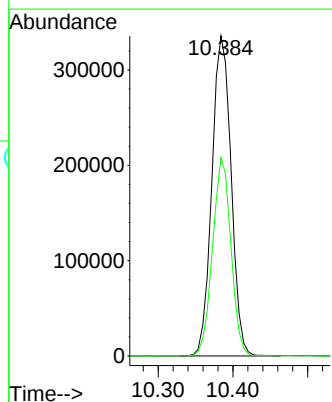
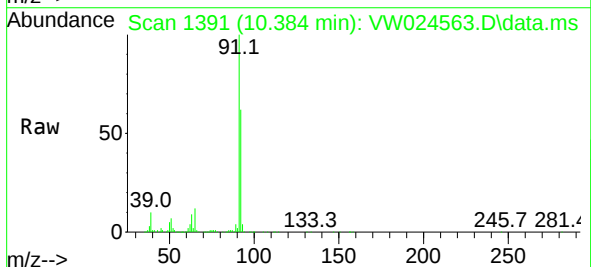
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

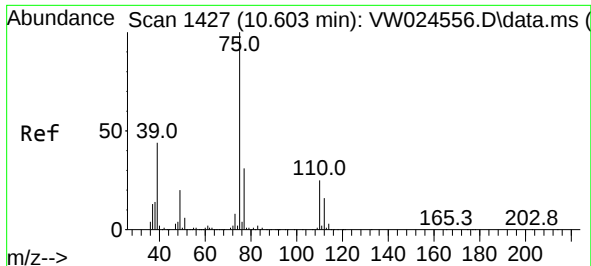
Tgt Ion:	43	Resp:	152819
Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.9	46.3
100	17.4	13.3	19.9



#42
Toluene
Concen: 26.025 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion:	91	Resp:	599981
Ion	Ratio	Lower	Upper
91	100		
92	62.0	40.8	75.8

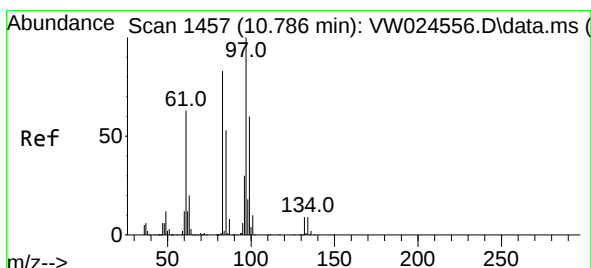
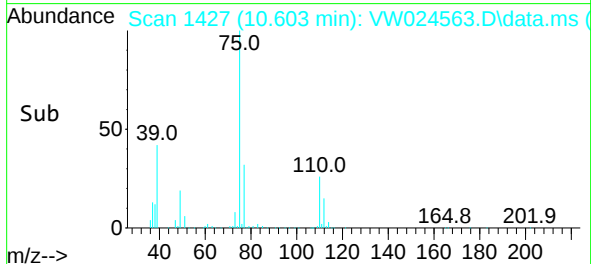
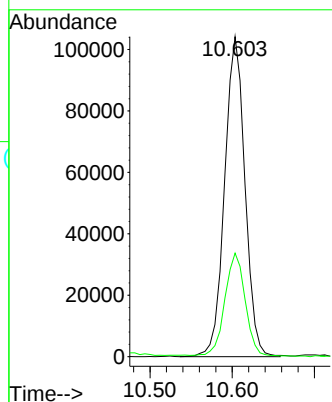
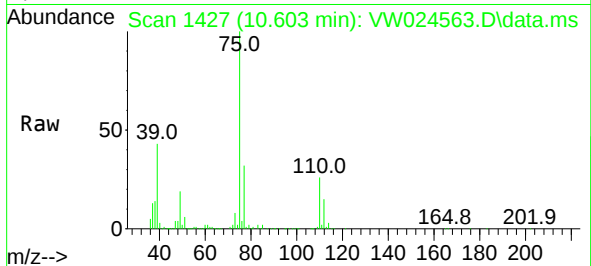




#44
trans-1,3-Dichloropropene
Concen: 24.851 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

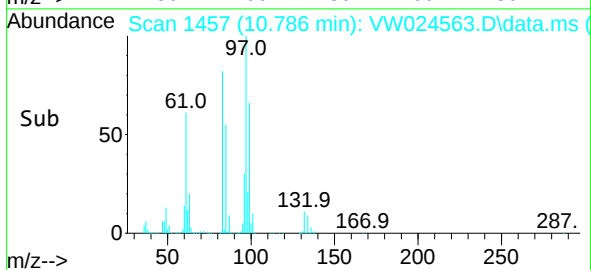
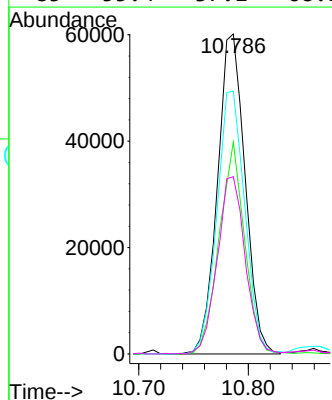
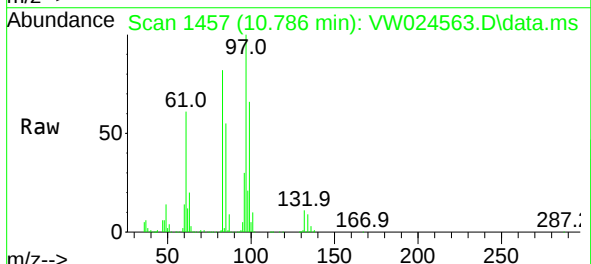
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

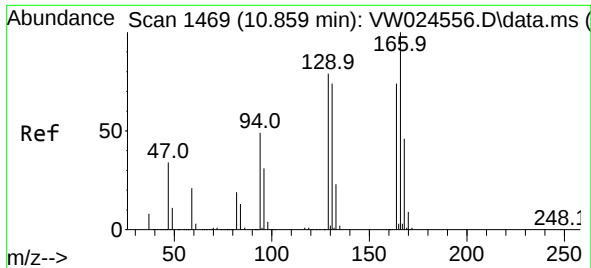
Tgt Ion: 75 Resp: 179249
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 24.114 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 97 Resp: 105256
Ion Ratio Lower Upper
97 100
99 66.2 41.9 77.9
83 82.1 58.2 108.0
85 55.4 37.1 68.9

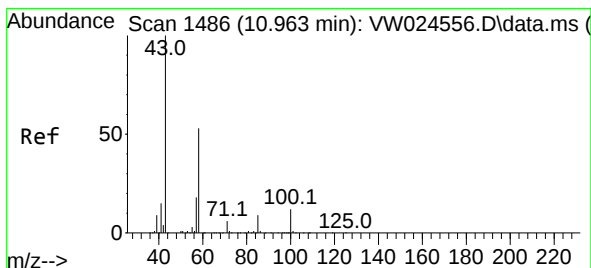
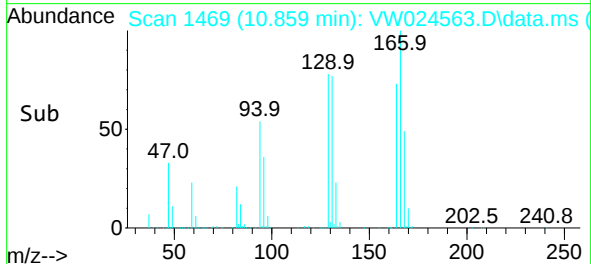
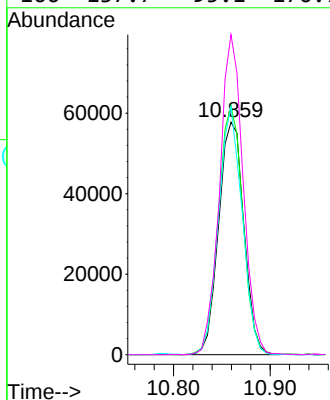
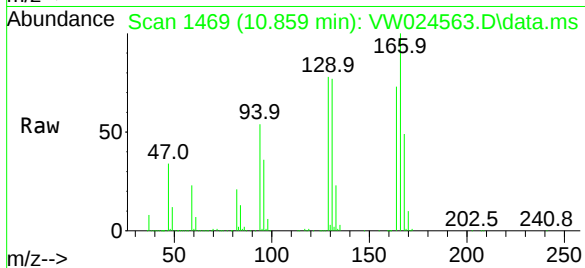




#46
Tetrachloroethene
Concen: 25.879 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

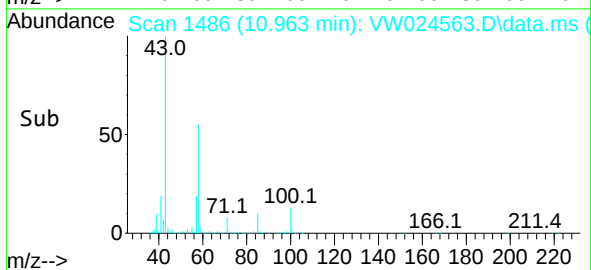
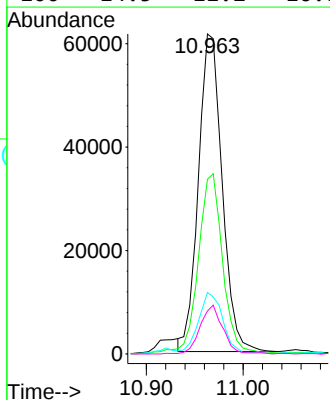
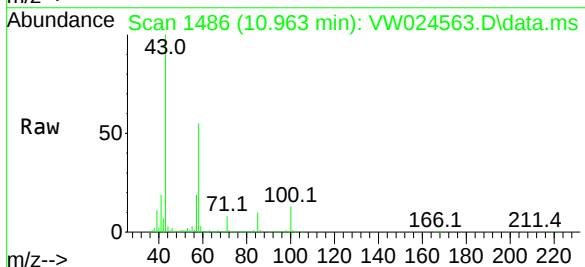
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

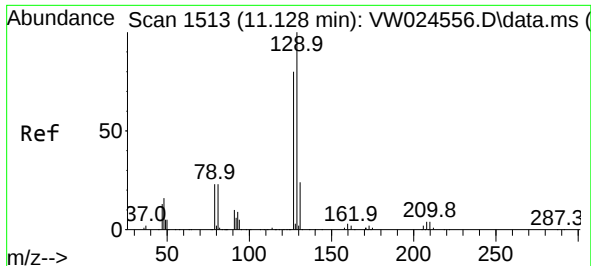
Tgt Ion:164 Resp: 104143
Ion Ratio Lower Upper
164 100
129 107.0 75.0 139.2
131 106.6 70.1 130.1
166 137.7 95.1 176.7



#48
2-Hexanone
Concen: 44.500 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 43 Resp: 105135
Ion Ratio Lower Upper
43 100
58 57.4 43.7 65.5
57 19.8 15.3 22.9
100 14.5 11.2 16.8





#49

Dibromochloromethane

Concen: 25.408 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

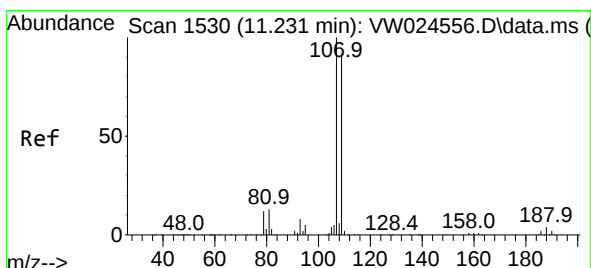
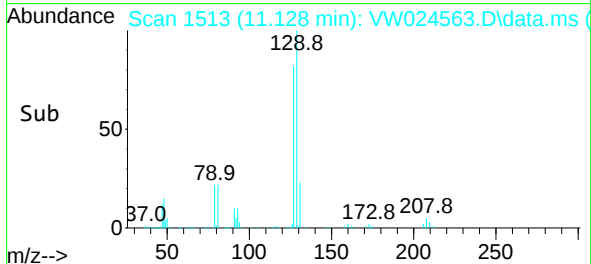
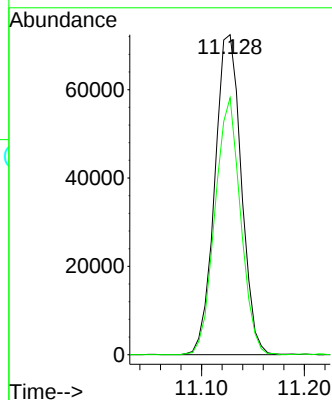
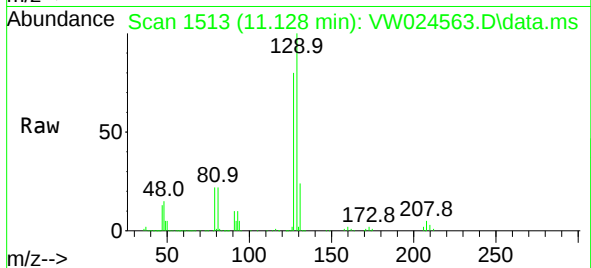
VSTD025562

Tgt Ion:129 Resp: 129649

Ion Ratio Lower Upper

129 100

127 80.3 56.1 104.1



#50

1,2-Dibromoethane

Concen: 23.517 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

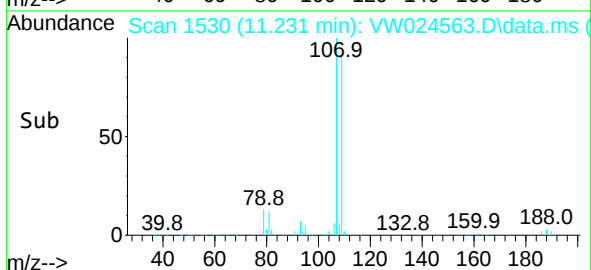
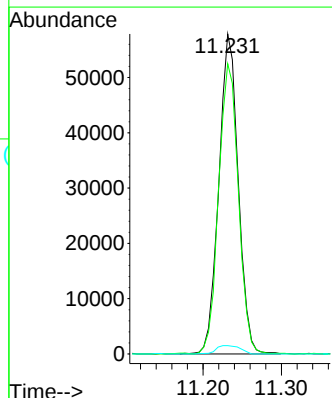
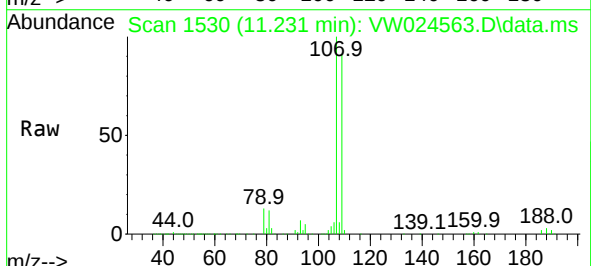
Tgt Ion:107 Resp: 99627

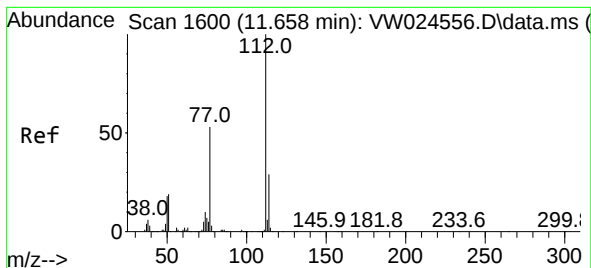
Ion Ratio Lower Upper

107 100

109 90.7 64.5 119.9

188 2.6 3.0 4.4#





#51

Chlorobenzene

Concen: 25.443 ug/L

RT: 11.658 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

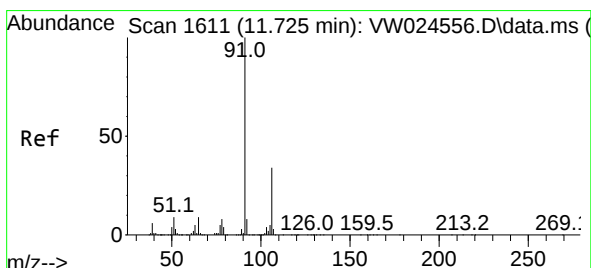
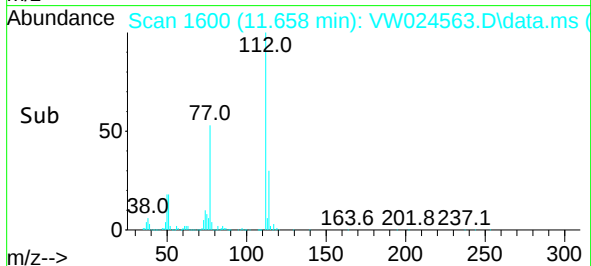
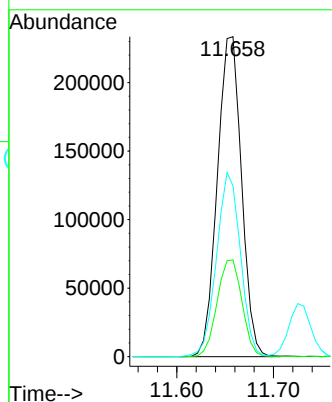
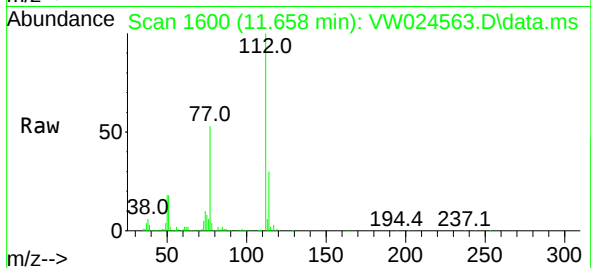
Tgt Ion:112 Resp: 405233

Ion Ratio Lower Upper

112 100

114 30.3 20.0 37.2

77 53.4 42.6 63.8



#52

Ethylbenzene

Concen: 26.240 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW024563.D

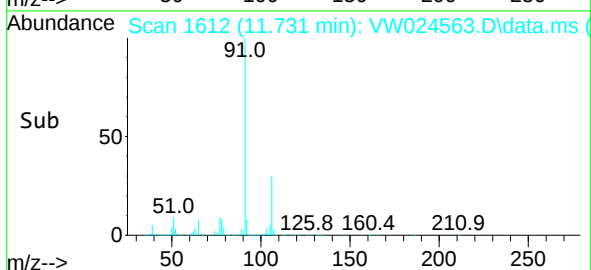
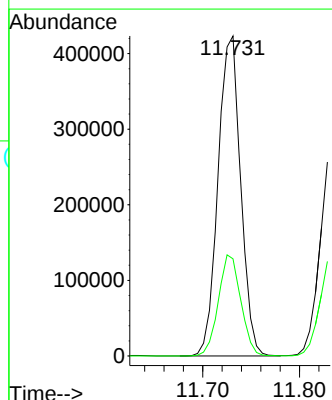
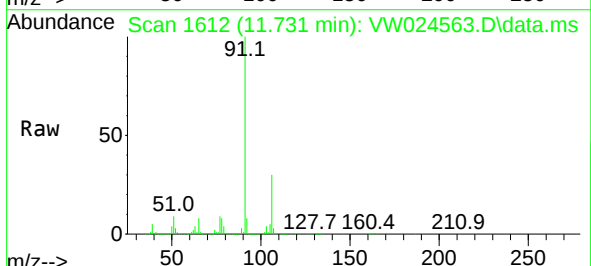
Acq: 07 Sep 2022 09:57

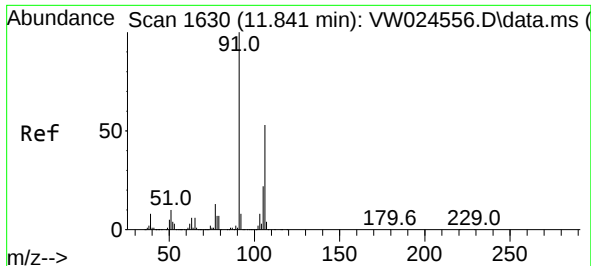
Tgt Ion: 91 Resp: 686837

Ion Ratio Lower Upper

91 100

106 30.4 23.8 44.2

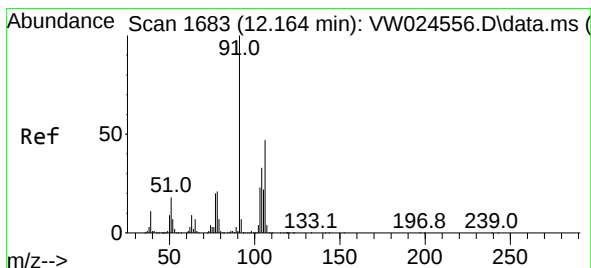
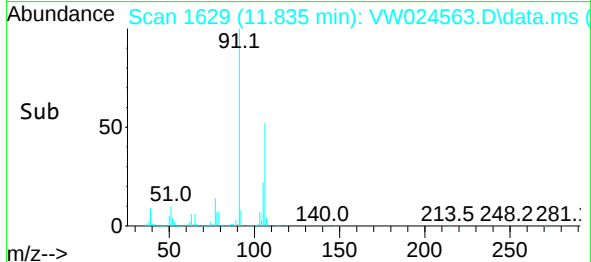
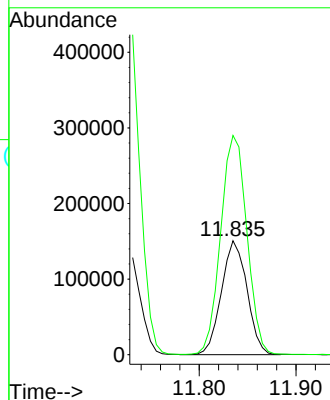
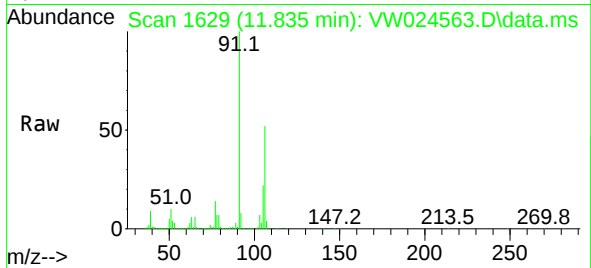




#53
m,p-Xylene
Concen: 27.052 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

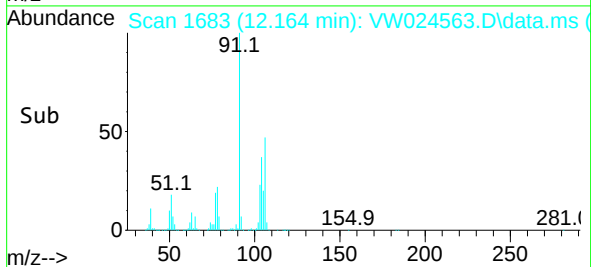
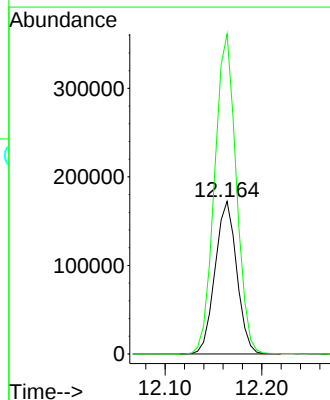
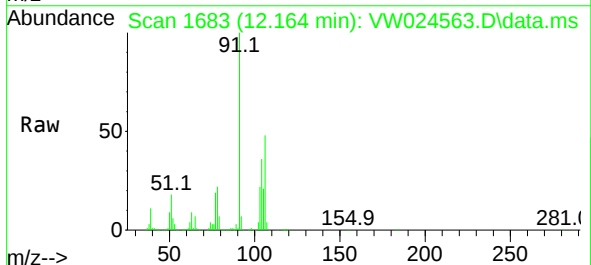
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

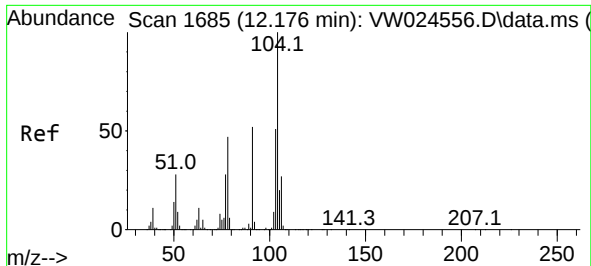
Tgt Ion:106 Resp: 276641
Ion Ratio Lower Upper
106 100
91 192.4 131.3 243.8



#54
o-Xylene
Concen: 27.550 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion:106 Resp: 268240
Ion Ratio Lower Upper
106 100
91 209.7 148.7 276.3

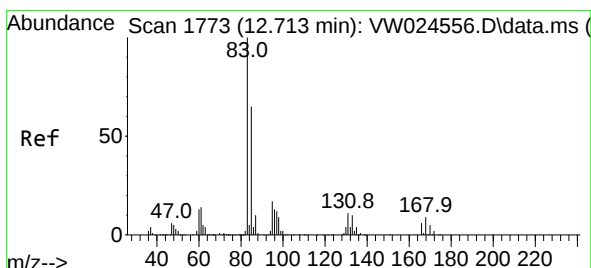
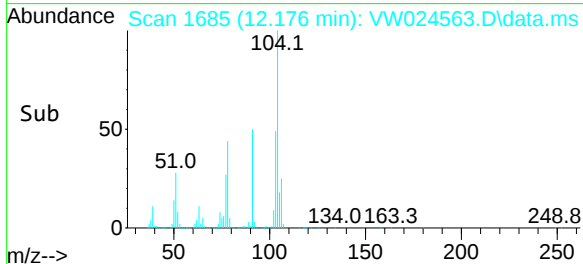
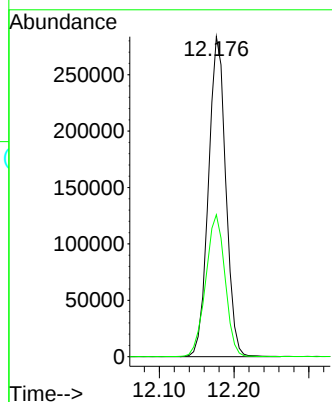
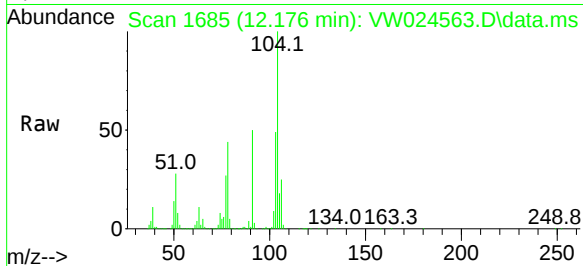




#55
Styrene
Concen: 26.668 ug/L
RT: 12.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

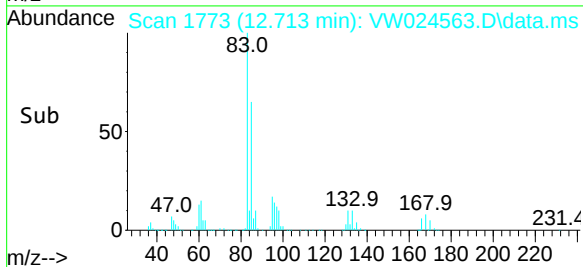
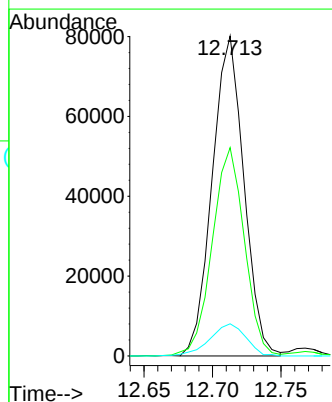
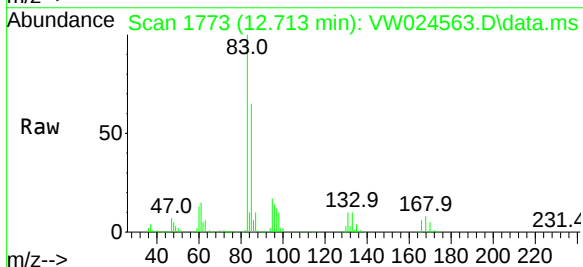
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

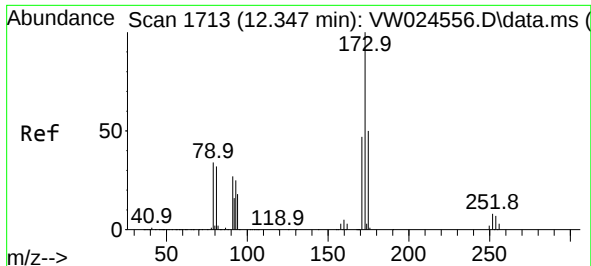
Tgt Ion:104 Resp: 457038
Ion Ratio Lower Upper
104 100
78 44.3 33.0 61.4



#57
1,1,2,2-Tetrachloroethane
Concen: 23.337 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion: 83 Resp: 128960
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.8
131 10.1 9.0 13.4

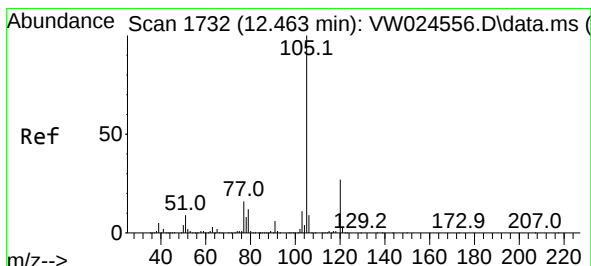
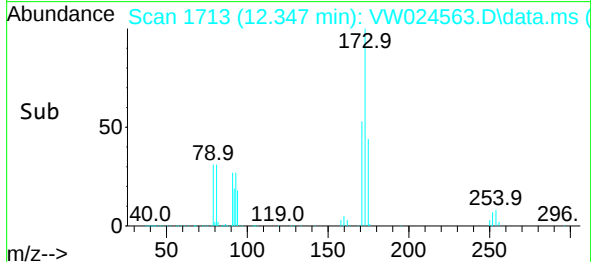
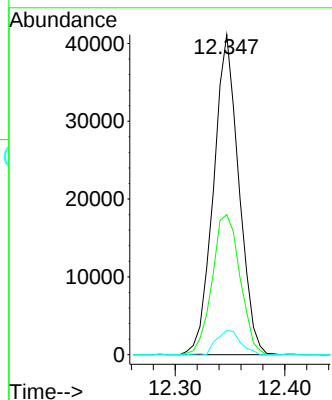
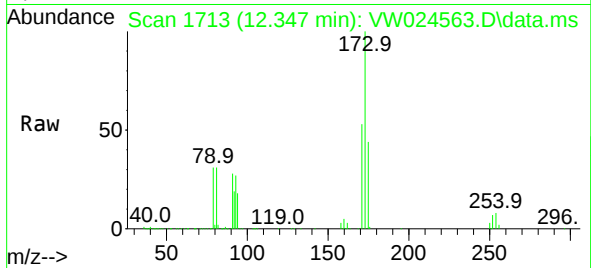




#59
Bromoform
Concen: 22.787 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

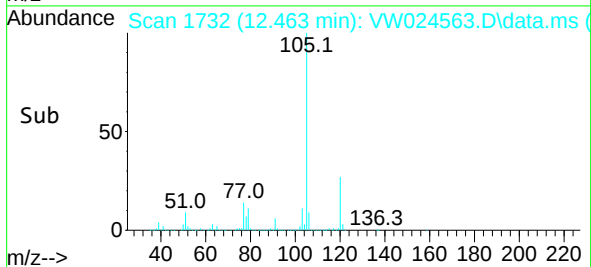
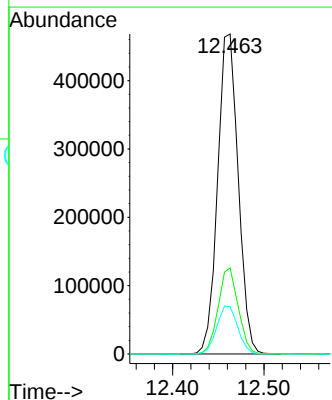
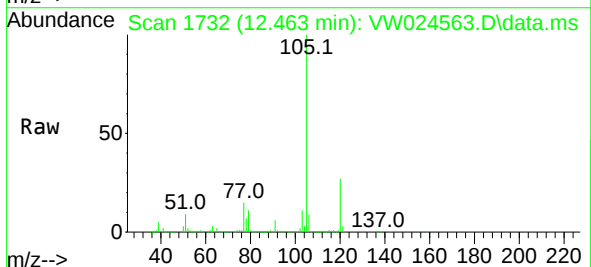
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

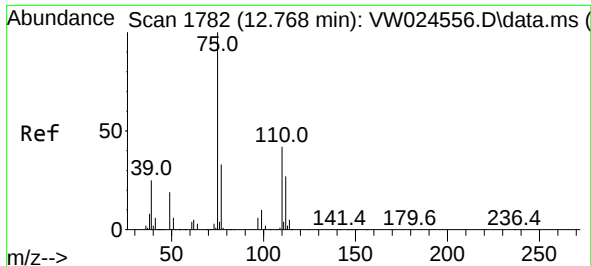
Tgt Ion:173 Resp: 66012
Ion Ratio Lower Upper
173 100
175 48.2 40.5 60.7
254 7.2 6.4 9.6



#60
Isopropylbenzene
Concen: 27.179 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion:105 Resp: 733428
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.4 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 22.218 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

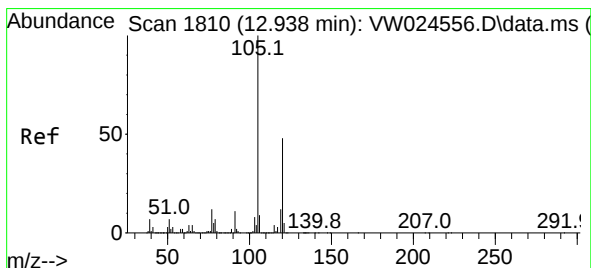
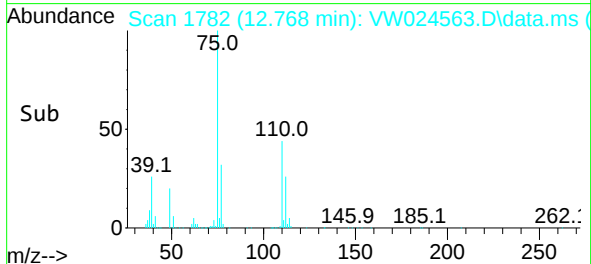
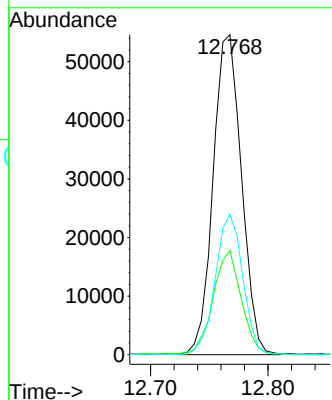
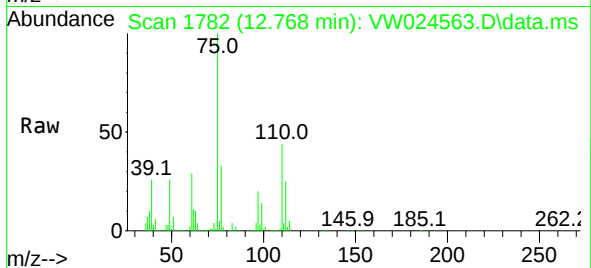
Tgt Ion: 75 Resp: 91613

Ion Ratio Lower Upper

75 100

77 32.7 26.8 40.2

110 42.6 33.8 50.8



#62

1,3,5-Trimethylbenzene

Concen: 27.477 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024563.D

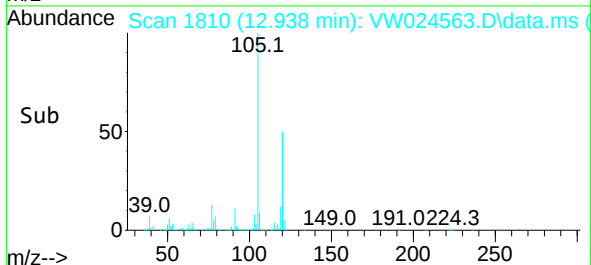
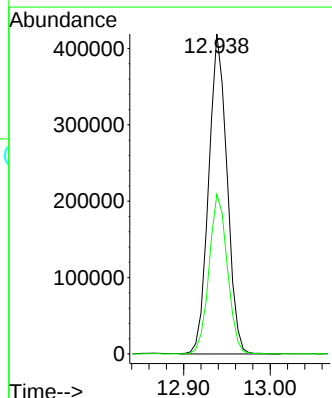
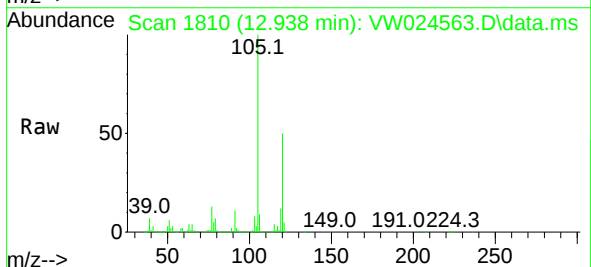
Acq: 07 Sep 2022 09:57

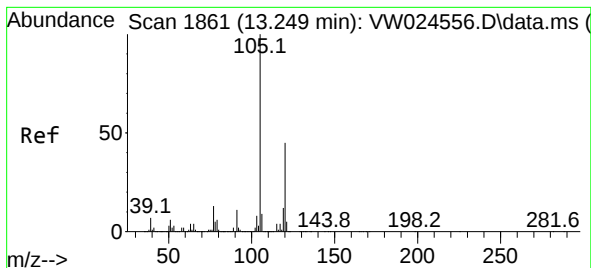
Tgt Ion: 105 Resp: 615709

Ion Ratio Lower Upper

105 100

120 49.8 39.5 59.3





#63

1,2,4-Trimethylbenzene

Concen: 27.232 ug/L

RT: 13.243 min Scan# 1861

Delta R.T. -0.006 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

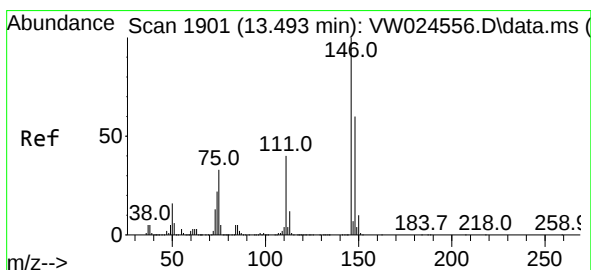
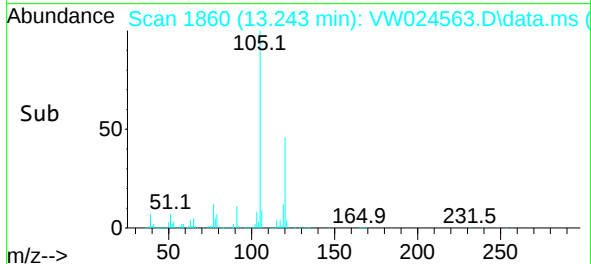
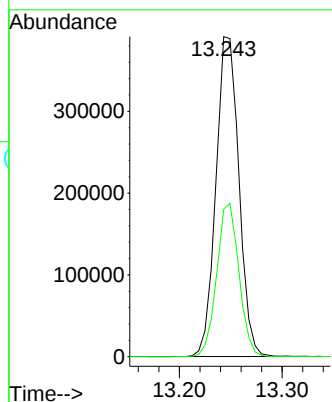
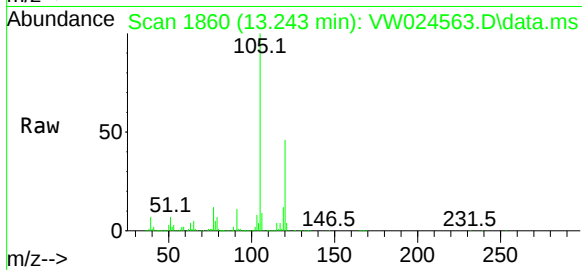
VSTD025562

Tgt Ion:105 Resp: 607330

Ion Ratio Lower Upper

105 100

120 46.3 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 26.080 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

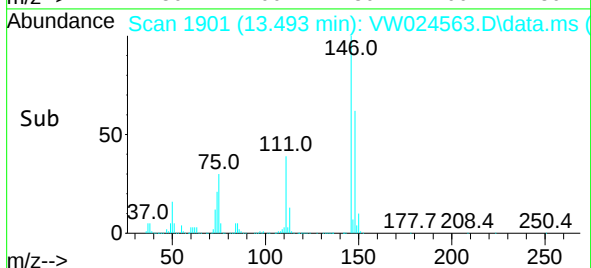
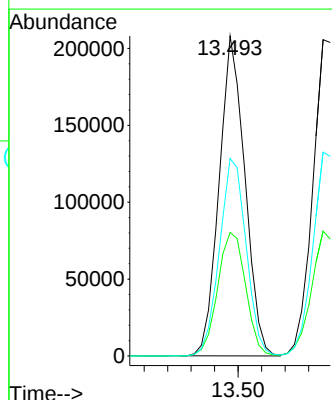
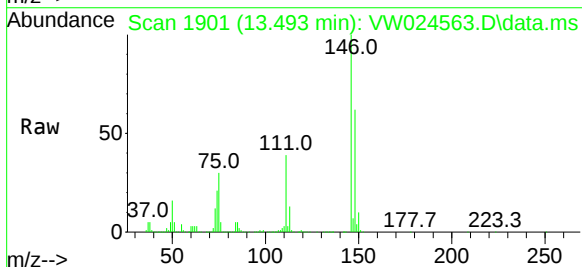
Tgt Ion:146 Resp: 317107

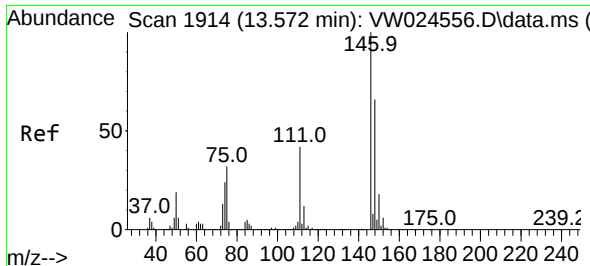
Ion Ratio Lower Upper

146 100

111 38.6 28.3 52.5

148 61.7 42.2 78.4

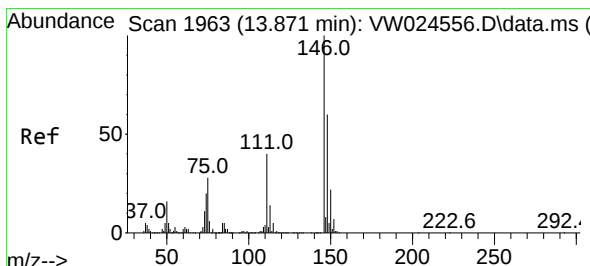
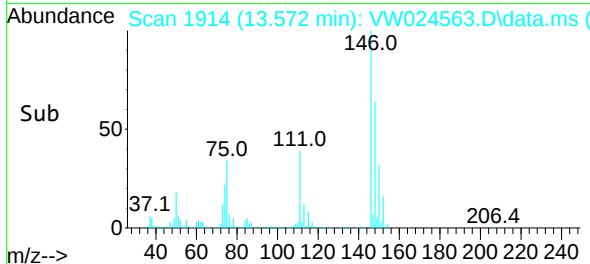
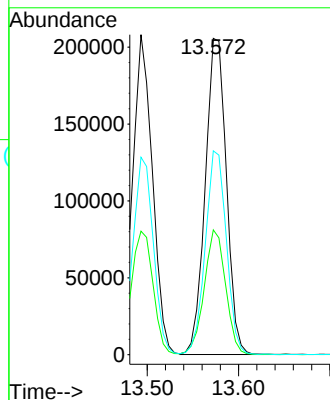
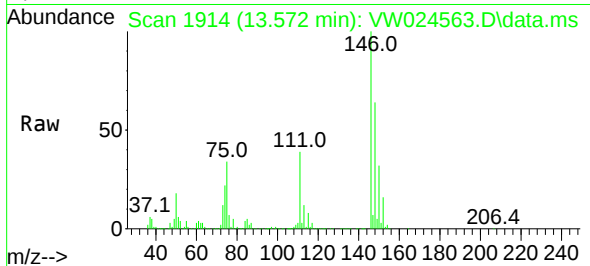




#65
1,4-Dichlorobenzene
Concen: 25.759 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

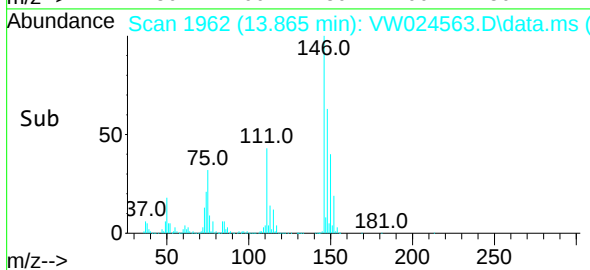
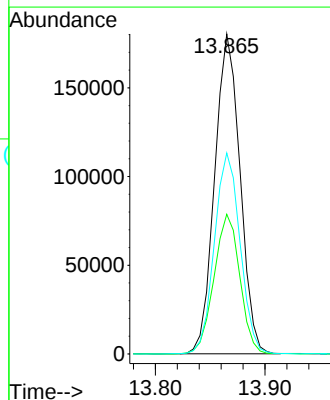
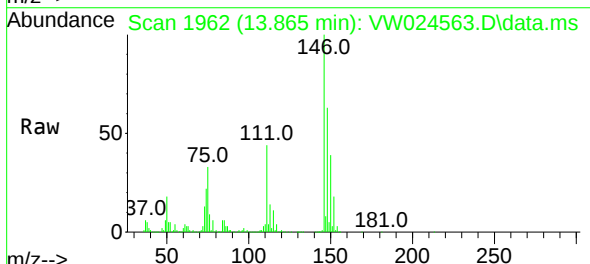
Instrument :
MSVOA_W
ClientSampleId :
VSTD025562

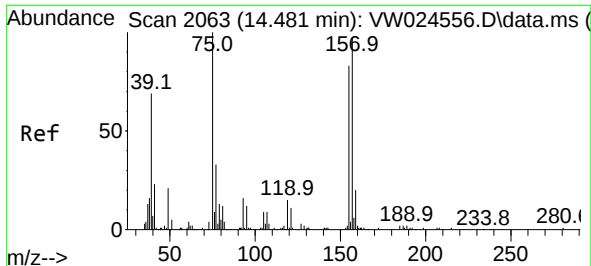
Tgt Ion:146 Resp: 330131
Ion Ratio Lower Upper
146 100
111 39.5 29.3 54.3
148 64.5 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 25.580 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW024563.D
Acq: 07 Sep 2022 09:57

Tgt Ion:146 Resp: 290042
Ion Ratio Lower Upper
146 100
111 43.7 32.2 48.4
148 62.8 48.3 72.5





#68

1,2-Dibromo-3-chloropropane

Concen: 19.387 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

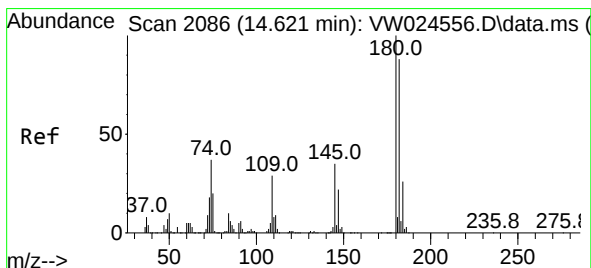
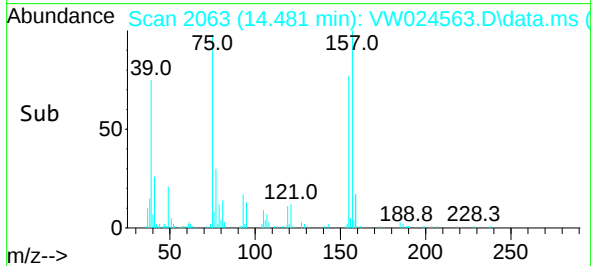
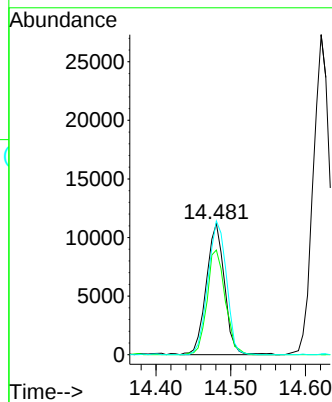
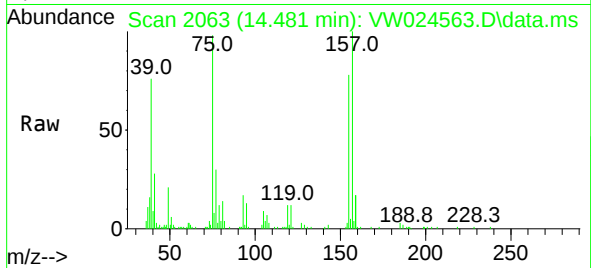
Tgt Ion: 75 Resp: 18914

Ion Ratio Lower Upper

75 100

155 79.7 66.3 99.5

157 101.9 77.6 116.4



#69

1,3,5-Trichlorobenzene

Concen: 25.033 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.006 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Tgt Ion:180 Resp: 197698

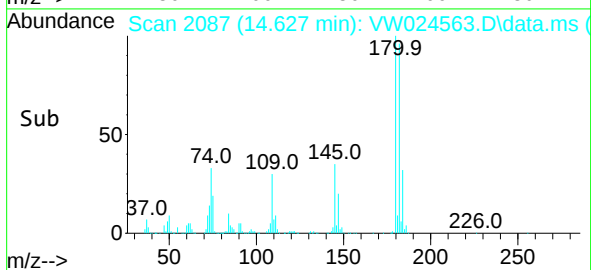
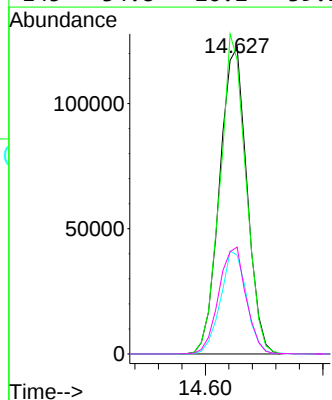
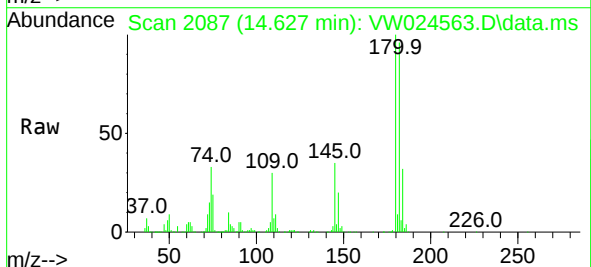
Ion Ratio Lower Upper

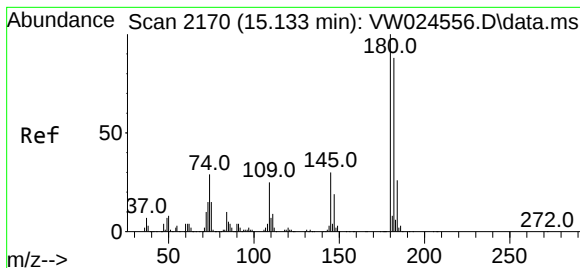
180 100

182 99.0 72.4 108.6

184 31.9 22.8 34.2

145 34.8 26.2 39.2





#70

1,2,4-trichlorobenzene

Concen: 25.772 ug/L

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025562

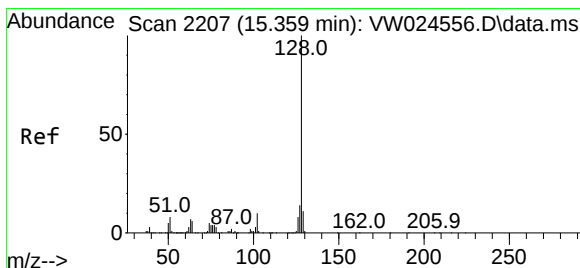
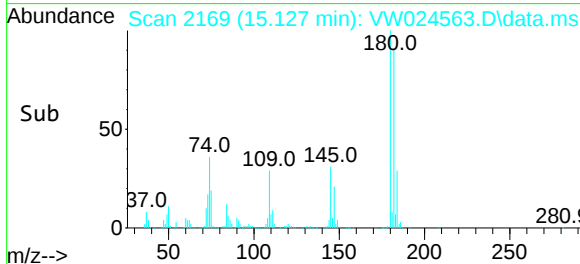
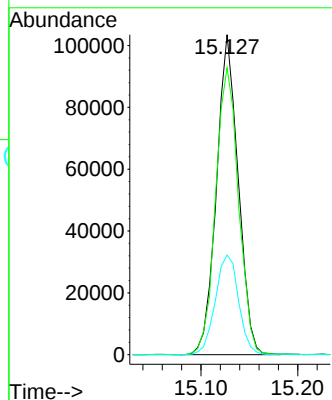
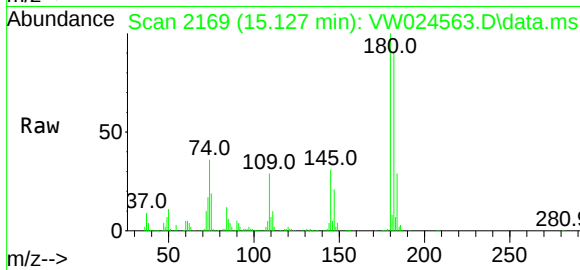
Tgt Ion:180 Resp: 161505

Ion Ratio Lower Upper

180 100

182 94.3 73.8 110.6

145 33.4 26.6 39.8



#71

Naphthalene

Concen: 25.011 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024563.D

Acq: 07 Sep 2022 09:57

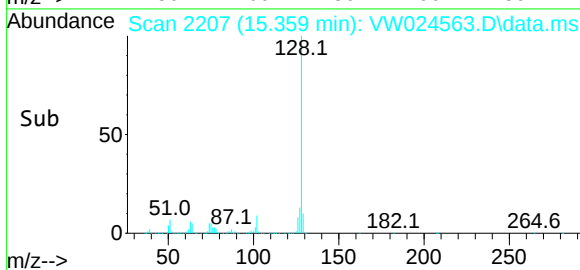
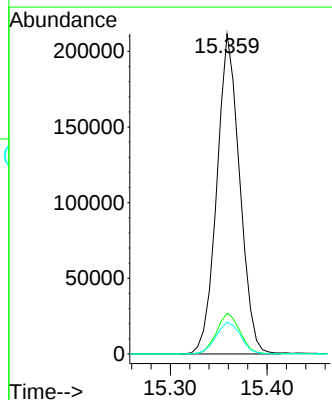
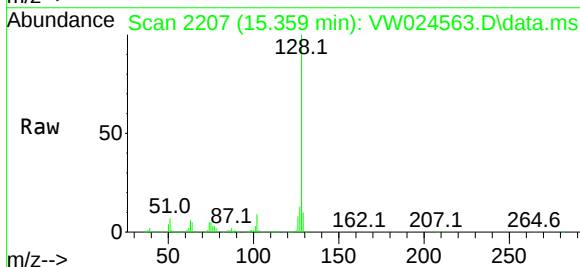
Tgt Ion:128 Resp: 346764

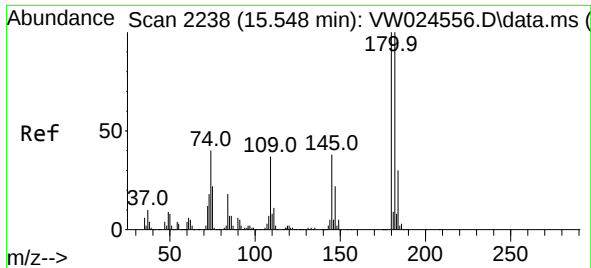
Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.7 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 25.738 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW024563.D
 Acq: 07 Sep 2022 09:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Tgt Ion:180 Resp: 150053
 Ion Ratio Lower Upper
 180 100
 182 92.2 78.7 118.1
 145 35.0 28.1 42.1

