

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023383.D
 Acq On : 02 Jun 2022 18:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Quant Time: Jun 02 21:59:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:56:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	401948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	381556	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198200	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	131531	22.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
7) Chloroethane-d5	2.885	69	95128	23.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.080%
11) 1,1-Dichloroethene-d2	4.019	63	179239	19.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.480%
21) 2-Butanone-d5	7.080	46	55068	45.010	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.020%
24) Chloroform-d	7.647	84	223904	21.154	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	8.305	65	121517	21.919	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.680%
32) Benzene-d6	8.275	84	428625	20.907	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.640%
36) 1,2-Dichloropropane-d6	9.274	67	126629	21.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.360%
41) Toluene-d8	10.323	98	416697	21.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.280%
43) trans-1,3-Dichloroprop...	10.579	79	56811	21.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.800%
47) 2-Hexanone-d5	10.920	63	45735	48.538	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119939	23.185	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	156106	22.282	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	46197	27.371	ug/L	97
3) Chloromethane	2.215	50	120046	24.185	ug/L	97
5) Vinyl chloride	2.361	62	176793	22.882	ug/L	98
6) Bromomethane	2.776	94	80380	21.311	ug/L	97
8) Chloroethane	2.922	64	85874	24.148	ug/L	96
9) Trichlorofluoromethane	3.257	101	68102	18.507	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	109749	20.558	ug/L	97
12) 1,1-Dichloroethene	4.038	96	98266	21.332	ug/L	92
13) Acetone	4.123	43	36725	41.266	ug/L	95
14) Carbon disulfide	4.385	76	309378	20.107	ug/L	100
15) Methyl Acetate	4.672	43	43992	21.971	ug/L	99
16) Methylene chloride	4.915	84	117520	20.411	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	115255	21.447	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	184108	23.271	ug/L	99
19) 1,1-Dichloroethane	6.220	63	201678	22.155	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	124616	22.082	ug/L	92
22) 2-Butanone	7.171	43	65234	48.242	ug/L	97
23) Bromochloromethane	7.519	128	58892	21.992	ug/L	96
25) Chloroform	7.677	83	221681	22.249	ug/L	98

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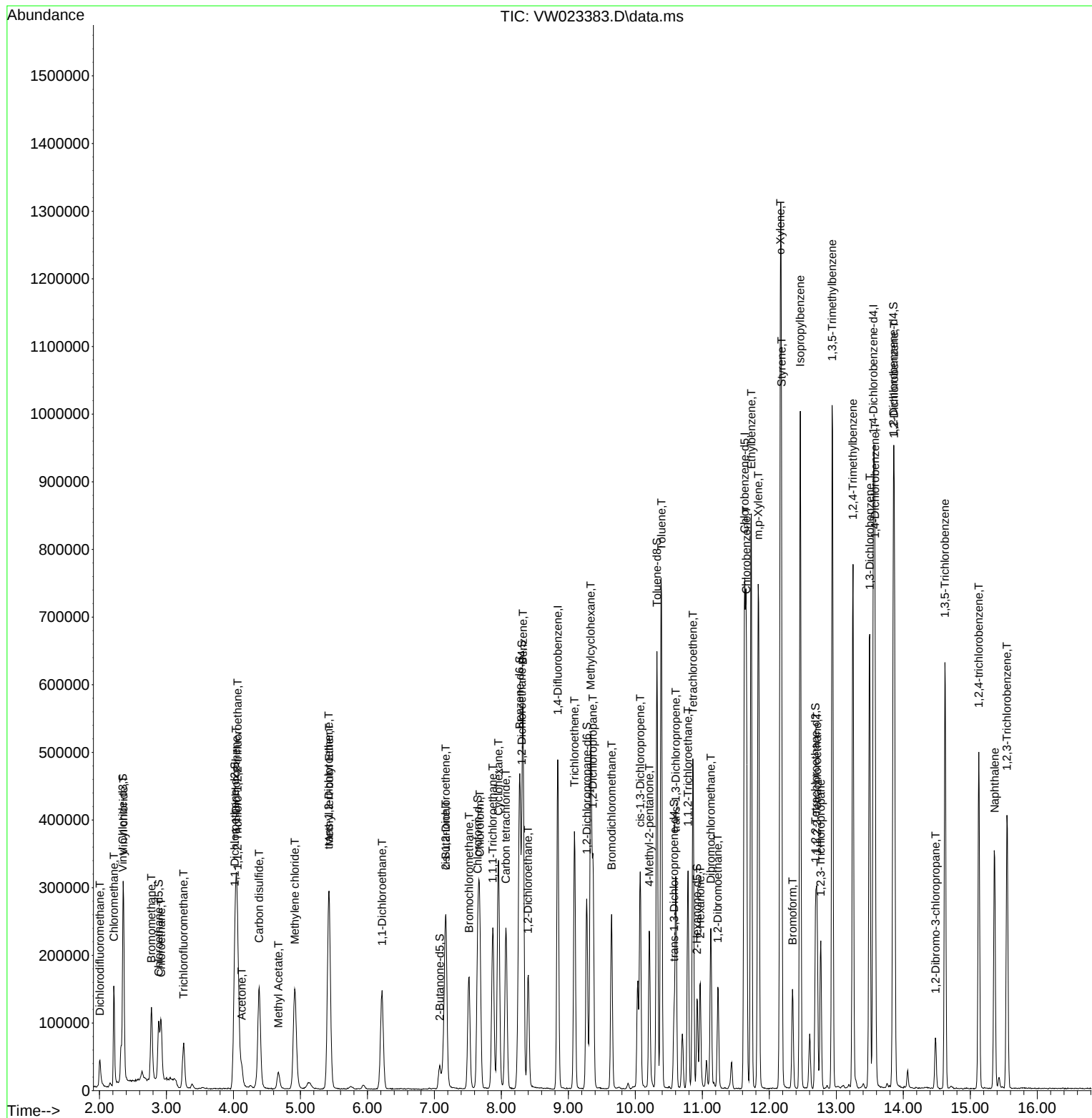
Quant Time: Jun 02 21:59:50 2022
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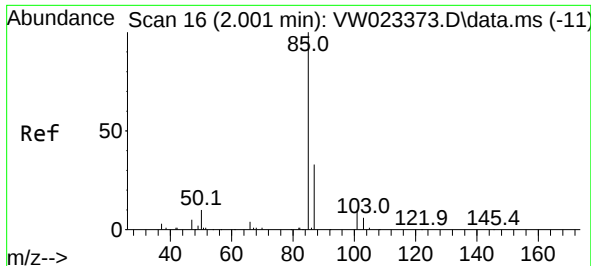
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	148938	23.218	ug/L	95
29) Cyclohexane	7.958	56	178739	21.866	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	188839	21.385	ug/L	99
31) Carbon tetrachloride	8.067	117	174444	21.005	ug/L	99
33) Benzene	8.323	78	483862	22.138	ug/L	100
34) Trichloroethene	9.091	95	128571	21.720	ug/L	94
35) Methylcyclohexane	9.335	83	213035	21.723	ug/L	99
37) 1,2-Dichloropropane	9.366	63	115232	22.378	ug/L	100
38) Bromodichloromethane	9.646	83	163284	22.402	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	181515	22.443	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	141372	48.444	ug/L	98
42) Toluene	10.390	91	549873	22.646	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	165460	22.863	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	95416	22.633	ug/L	98
46) Tetrachloroethene	10.859	164	98887	20.862	ug/L	90
48) 2-Hexanone	10.969	43	96437	49.442	ug/L	99
49) Dibromochloromethane	11.128	129	117535	22.719	ug/L	99
50) 1,2-Dibromoethane	11.231	107	95477	23.231	ug/L	94
51) Chlorobenzene	11.658	112	361250	22.532	ug/L	98
52) Ethylbenzene	11.731	91	606814	22.757	ug/L	99
53) m,p-Xylene	11.835	106	241303	22.852	ug/L	99
54) o-Xylene	12.164	106	229128	22.681	ug/L	88
55) Styrene	12.182	104	400506	23.263	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	118421	23.782	ug/L	97
59) Bromoform	12.347	173	62905	21.620	ug/L	100
60) Isopropylbenzene	12.463	105	618084	22.738	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84933	23.840	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	533998	23.976	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	406341	23.500	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	272957	22.088	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	281474	22.281	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	260820	23.350	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17358	21.874	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	182115	22.314	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	144783	22.327	ug/L	99
71) Naphthalene	15.365	128	302148	24.749	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	129632	23.096	ug/L	99

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

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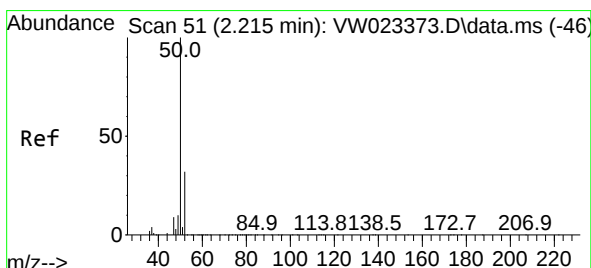
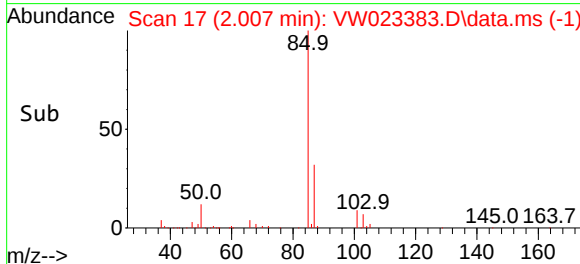
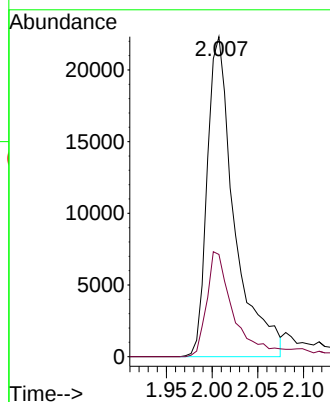
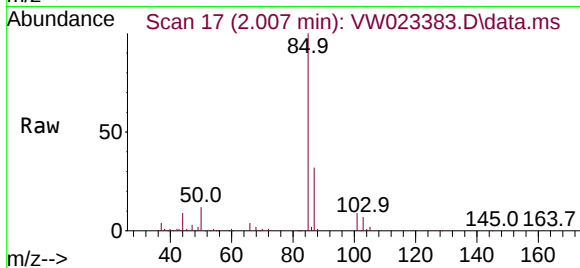




#2
 Dichlorodifluoromethane
 Concen: 27.371 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW023383.D
 Acq: 02 Jun 2022 18:40

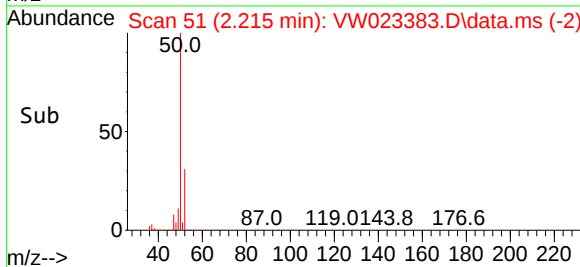
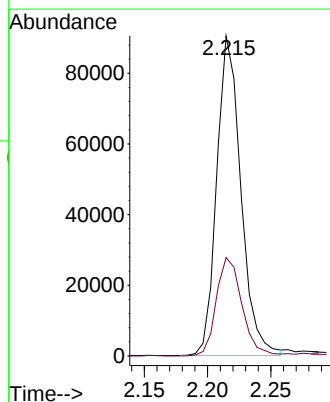
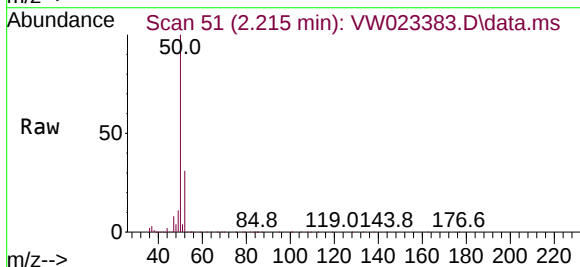
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

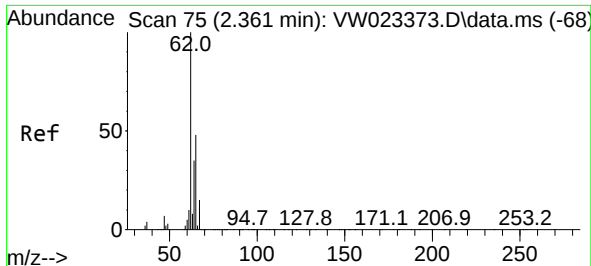
Tgt Ion: 85 Resp: 46197
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.3 39.5



#3
 Chloromethane
 Concen: 24.185 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023383.D
 Acq: 02 Jun 2022 18:40

Tgt Ion: 50 Resp: 120046
 Ion Ratio Lower Upper
 50 100
 52 30.8 22.8 42.4

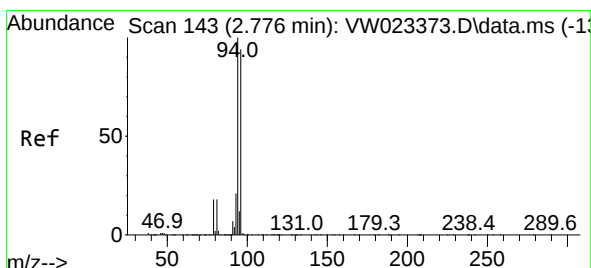
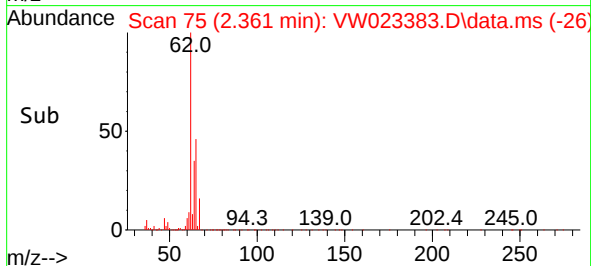
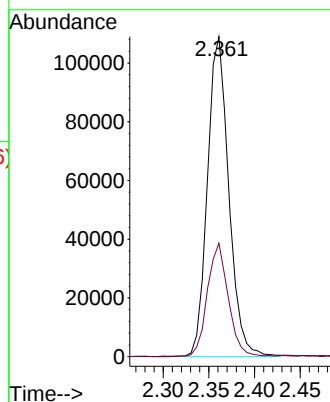
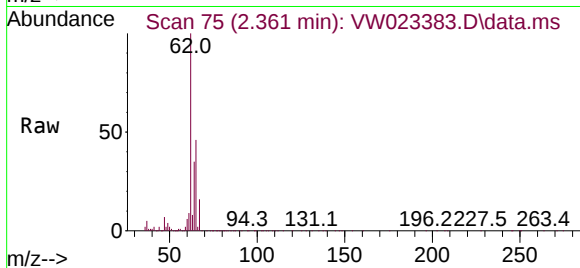




#5
 Vinyl chloride
 Concen: 22.882 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023383.D
 Acq: 02 Jun 2022 18:40

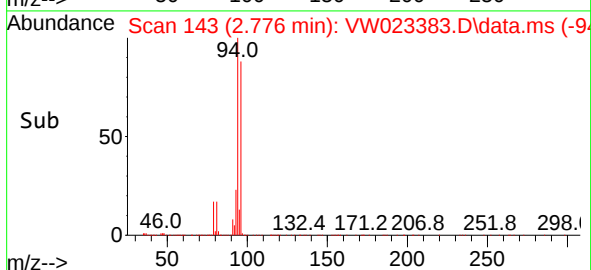
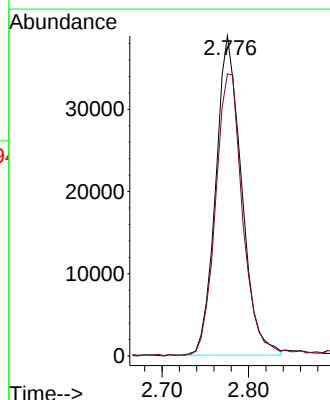
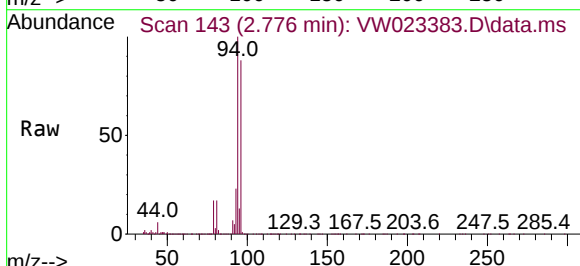
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

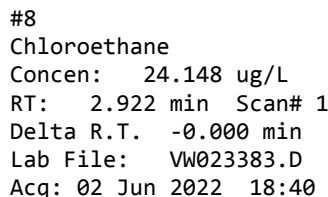
Tgt Ion: 62 Resp: 176793
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.9 44.3



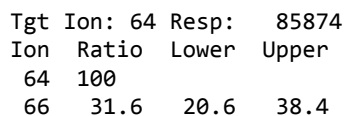
#6
 Bromomethane
 Concen: 21.311 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023383.D
 Acq: 02 Jun 2022 18:40

Tgt Ion: 94 Resp: 80380
 Ion Ratio Lower Upper
 94 100
 96 88.2 63.8 118.4



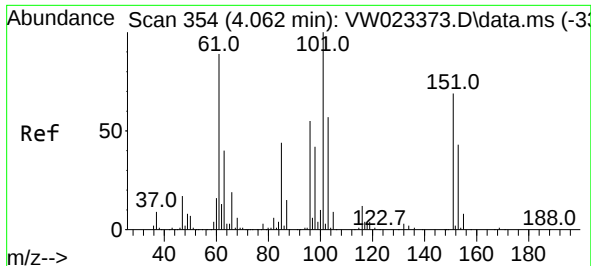


Instrument :
MSVOA_W
ClientSampleId :
VSTD025559



#9
Trichlorofluoromethane
Concen: 18.507 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt	Ion:101	Resp:	68102
Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.7	77.5



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 20.558 ug/L

RT: 4.062 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

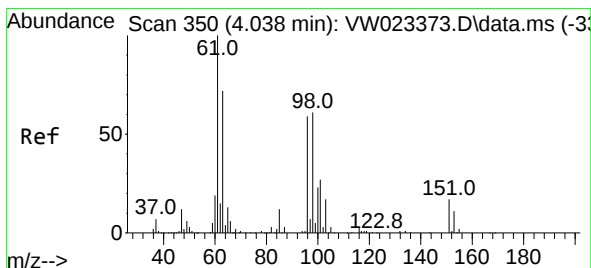
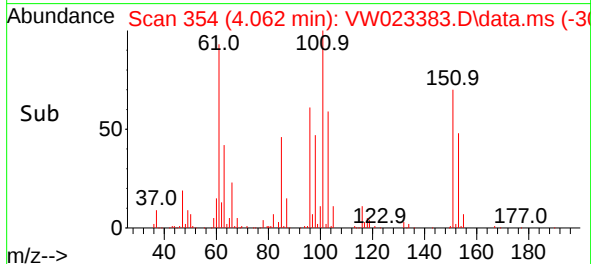
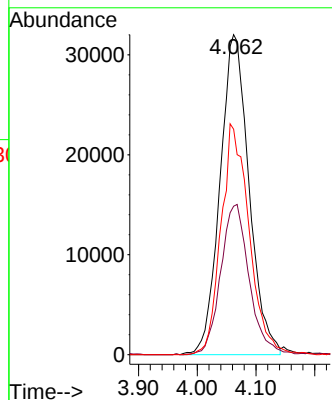
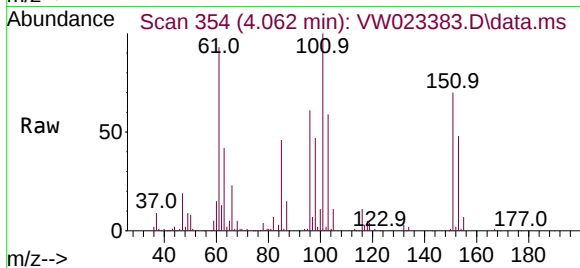
Tgt Ion:101 Resp: 109749

Ion Ratio Lower Upper

101 100

85 46.1 35.4 53.0

151 69.9 57.7 86.5



#12

1,1-Dichloroethene

Concen: 21.332 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

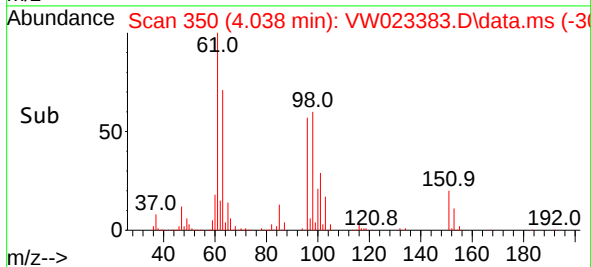
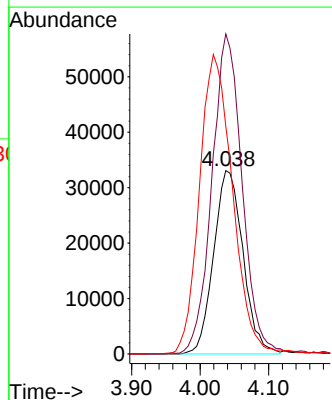
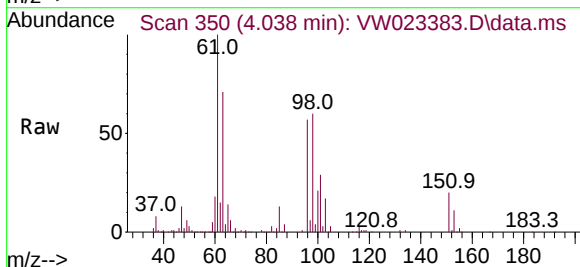
Tgt Ion: 96 Resp: 98266

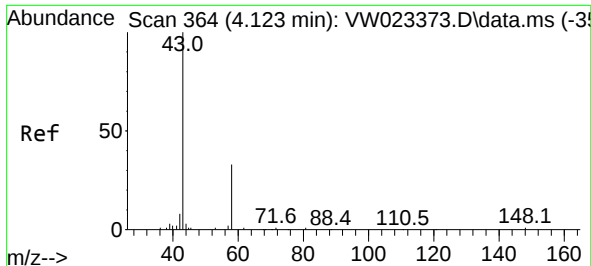
Ion Ratio Lower Upper

96 100

61 174.5 119.4 221.8

63 124.1 74.7 138.7

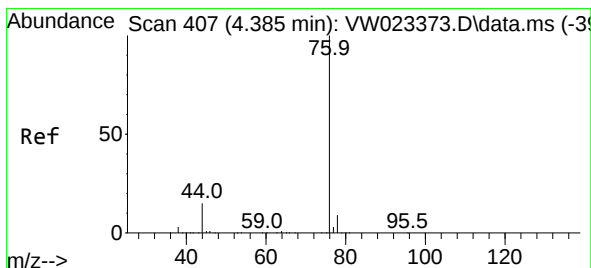
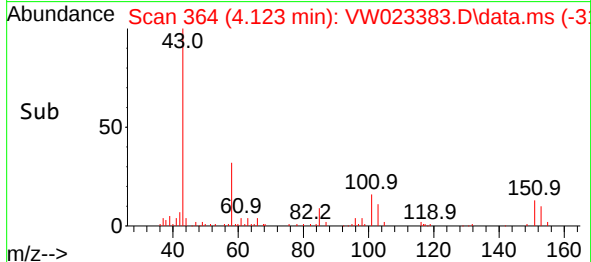
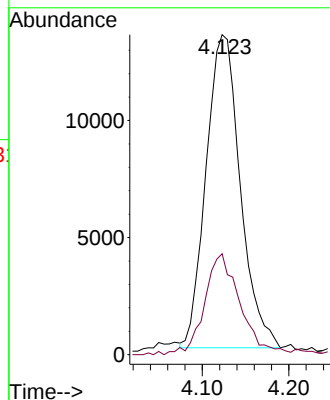
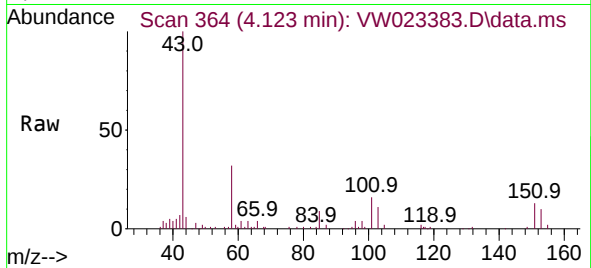




#13
Acetone
Concen: 41.266 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
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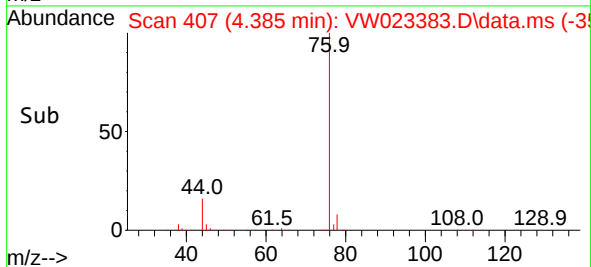
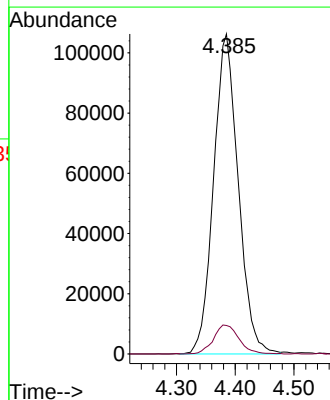
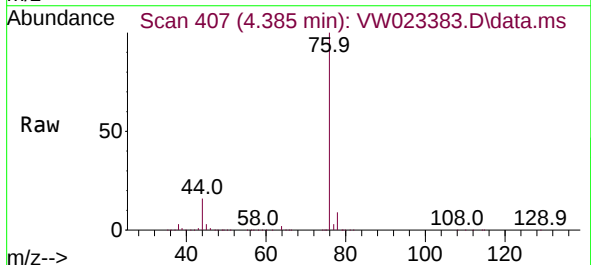
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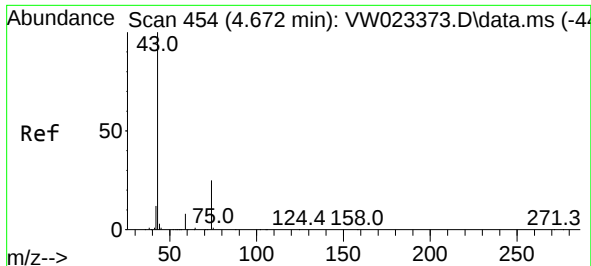
Tgt Ion: 43 Resp: 36725
Ion Ratio Lower Upper
43 100
58 28.8 0.0 63.0



#14
Carbon disulfide
Concen: 20.107 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion: 76 Resp: 309378
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

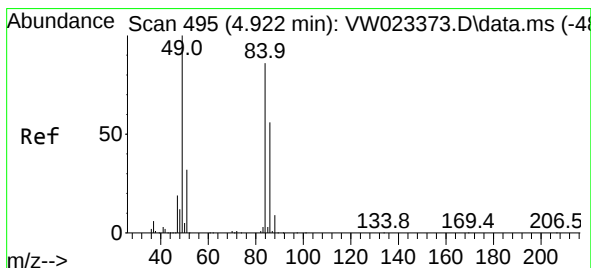
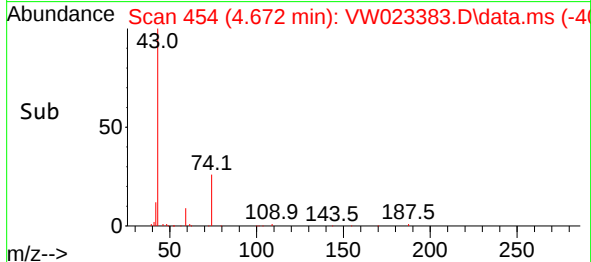
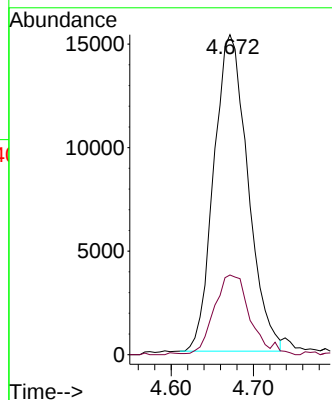
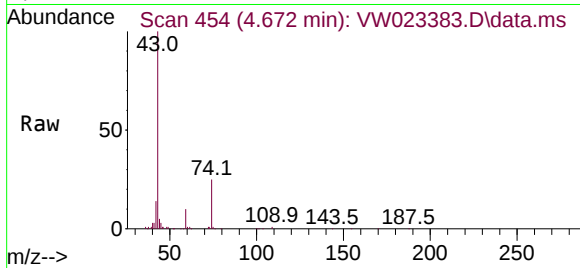




#15
Methyl Acetate
Concen: 21.971 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
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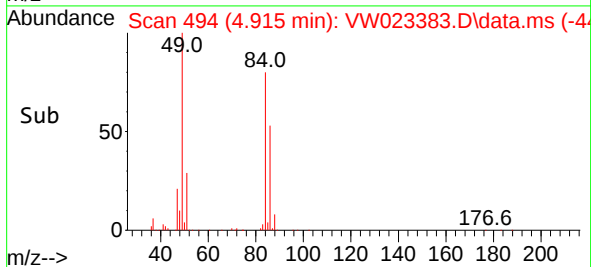
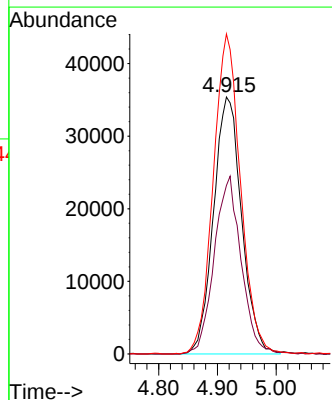
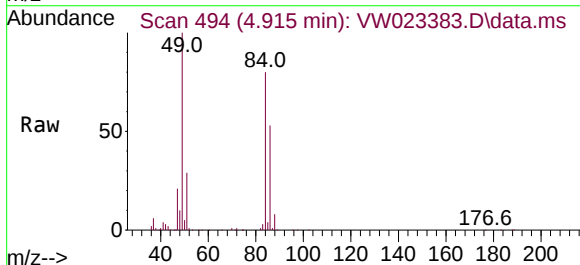
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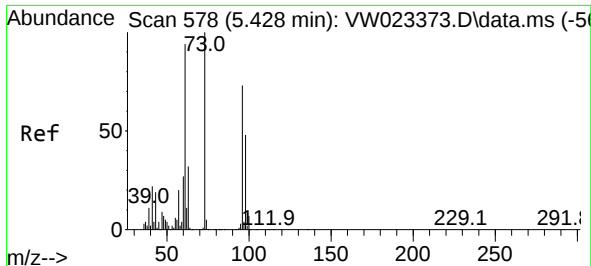
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Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2



#16
Methylene chloride
Concen: 20.411 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion: 84 Resp: 117520
Ion Ratio Lower Upper
84 100
86 65.5 47.3 87.9
49 124.5 86.8 161.2

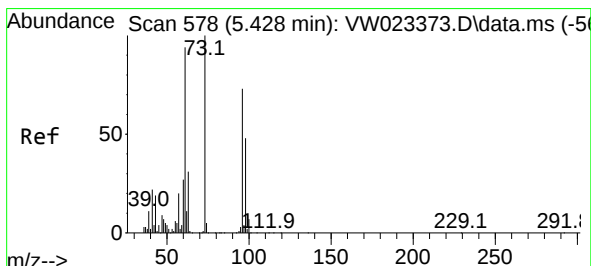
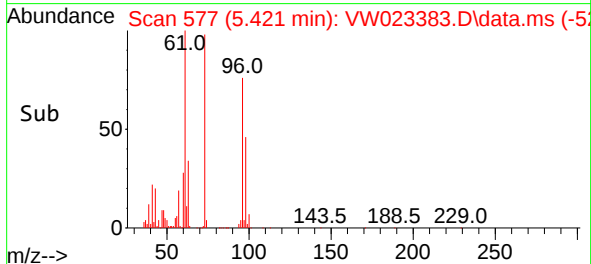
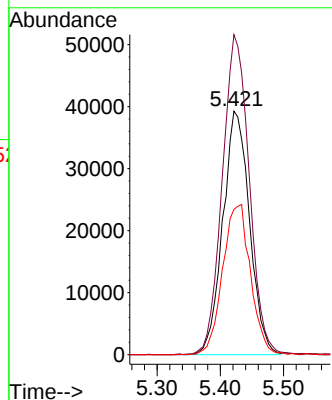
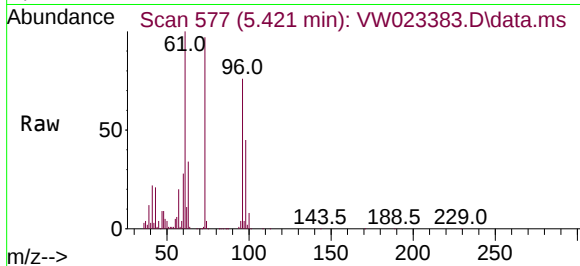




#17
trans-1,2-Dichloroethene
Concen: 21.447 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

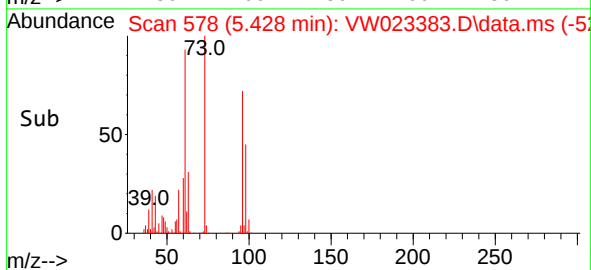
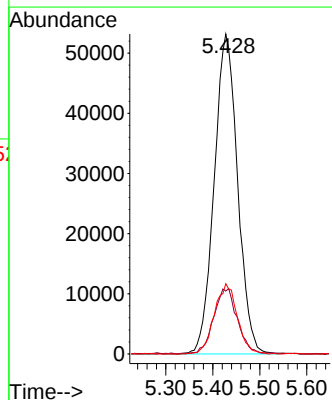
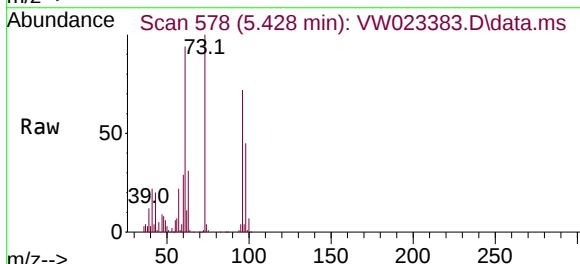
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

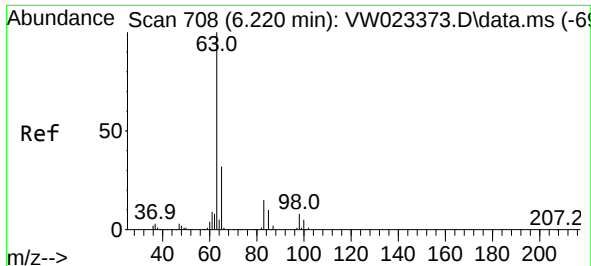
Tgt Ion: 96 Resp: 115255
Ion Ratio Lower Upper
96 100
61 131.4 91.6 170.0
98 59.6 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 23.271 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion: 73 Resp: 184108
Ion Ratio Lower Upper
73 100
43 20.2 16.6 25.0
57 21.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 22.155 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

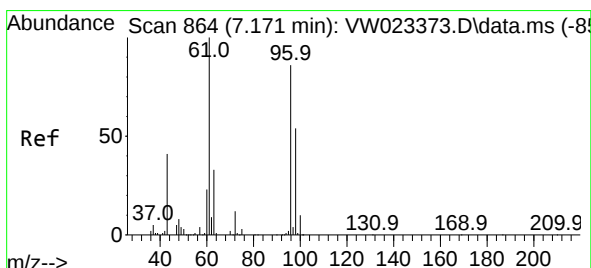
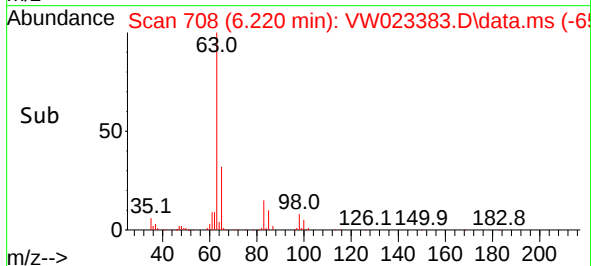
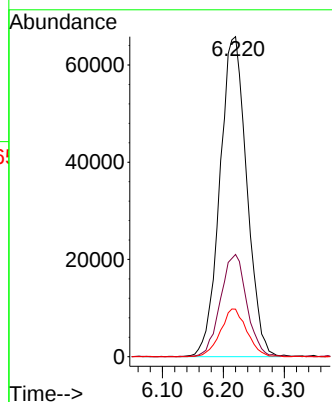
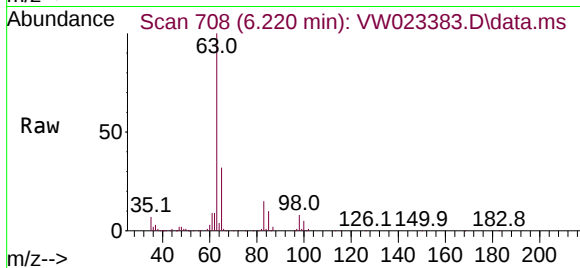
Tgt Ion: 63 Resp: 201678

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.1

83 14.8 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 22.082 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

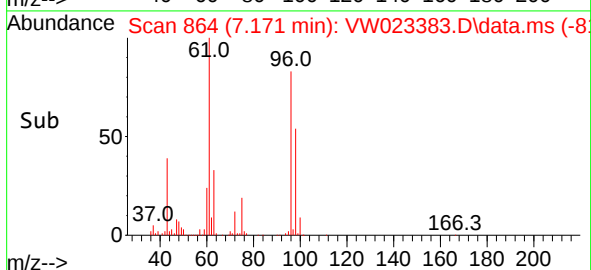
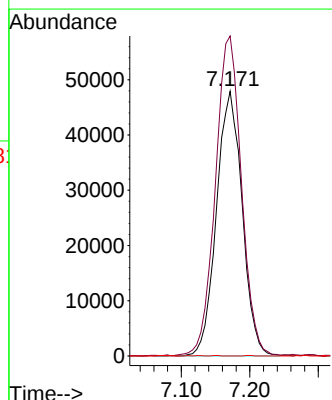
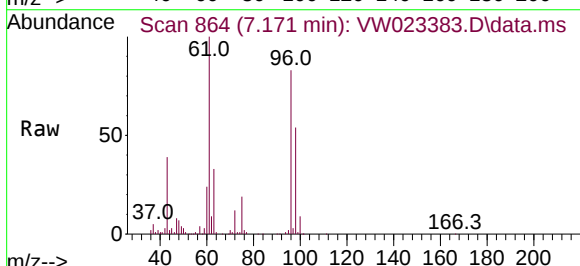
Tgt Ion: 96 Resp: 124616

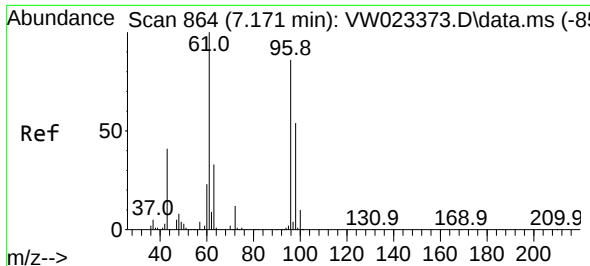
Ion Ratio Lower Upper

96 100

61 120.9 78.6 146.0

68 0.0 0.0 0.0

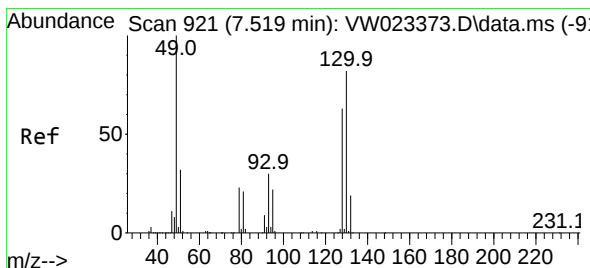
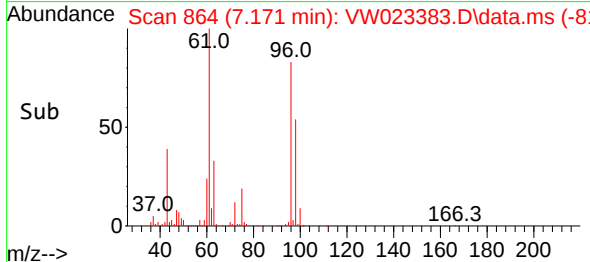
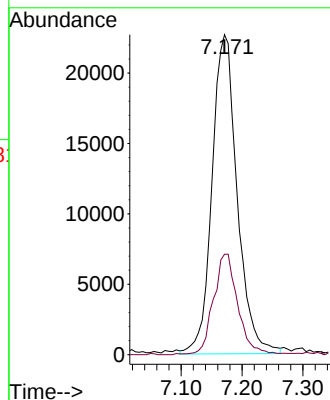
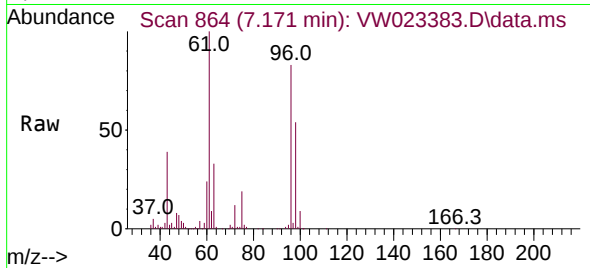




#22
2-Butanone
Concen: 48.242 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

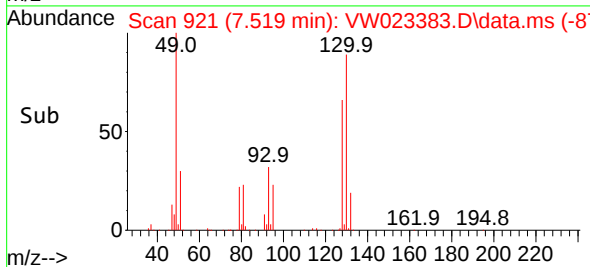
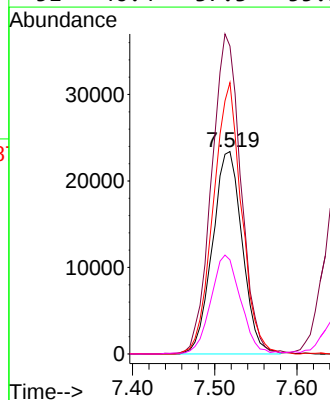
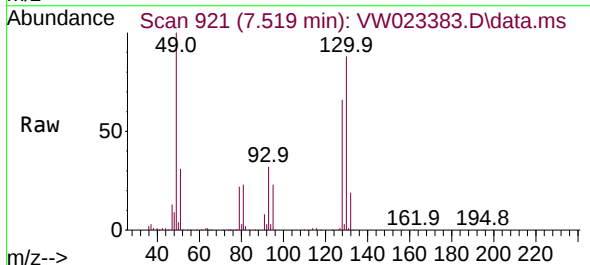
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

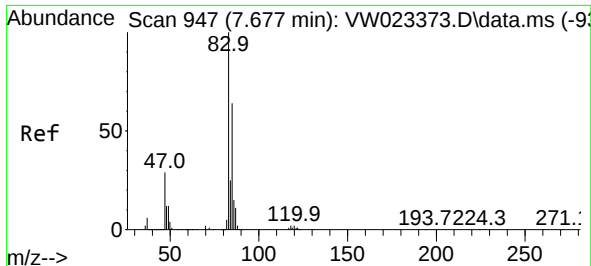
Tgt Ion: 43 Resp: 65234
Ion Ratio Lower Upper
43 100
72 29.7 15.7 47.0



#23
Bromochloromethane
Concen: 21.992 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion: 128 Resp: 58892
Ion Ratio Lower Upper
128 100
49 152.1 105.1 195.3
130 134.1 86.9 161.5
51 46.4 37.3 55.9

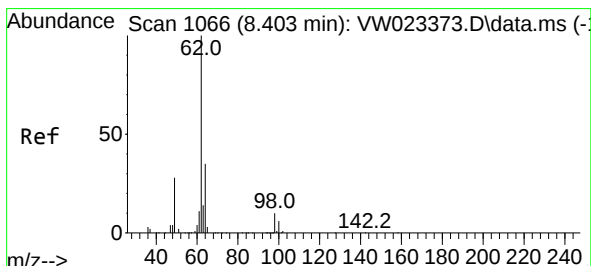
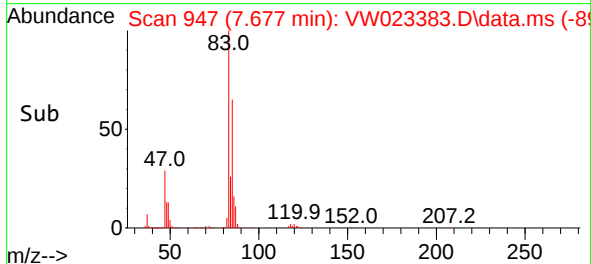
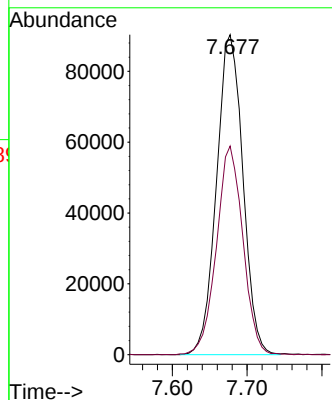
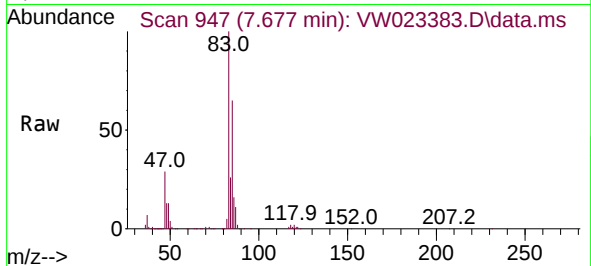




#25
Chloroform
Concen: 22.249 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

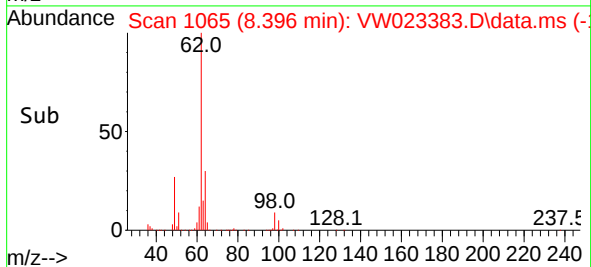
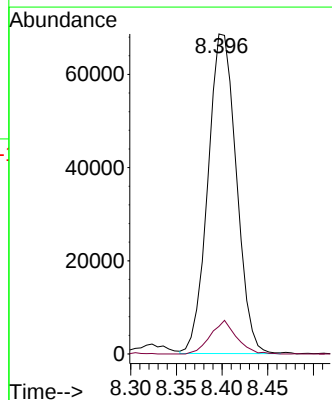
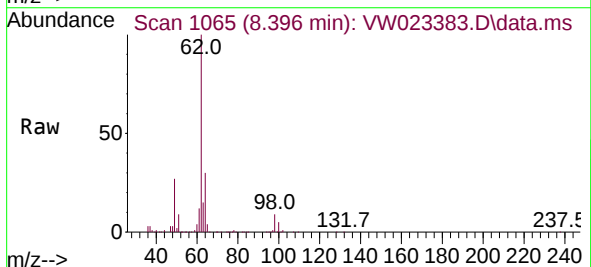
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

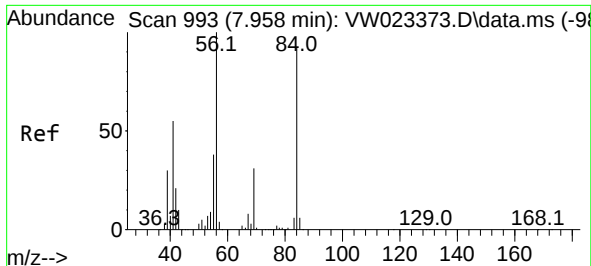
Tgt Ion: 83 Resp: 221681
Ion Ratio Lower Upper
83 100
85 65.2 46.7 86.7



#27
1,2-Dichloroethane
Concen: 23.218 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion: 62 Resp: 148938
Ion Ratio Lower Upper
62 100
98 8.6 8.5 12.7





#29

Cyclohexane

Concen: 21.866 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

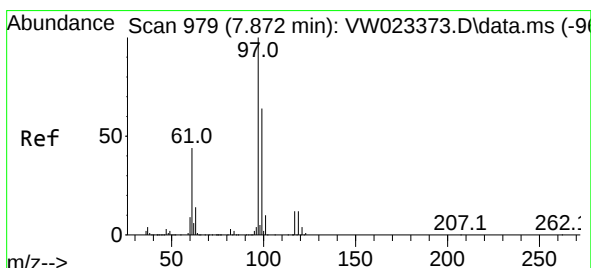
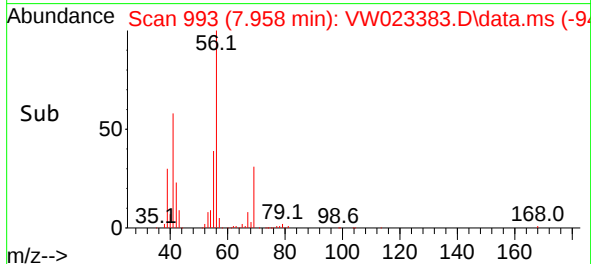
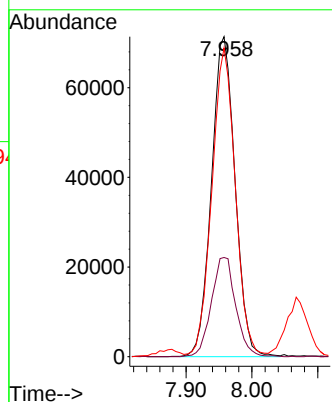
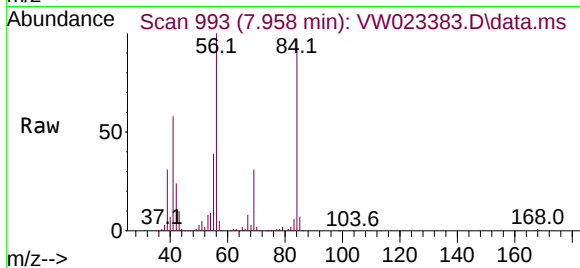
Tgt Ion: 56 Resp: 178739

Ion Ratio Lower Upper

56 100

69 31.8 25.2 37.8

84 95.6 78.3 117.5



#30

1,1,1-Trichloroethane

Concen: 21.385 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

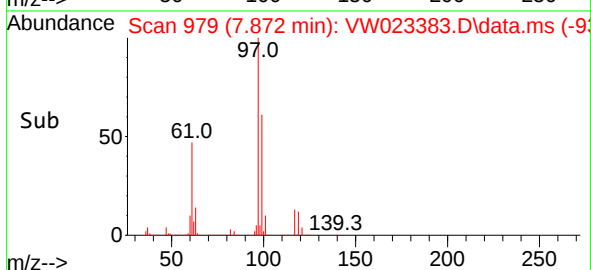
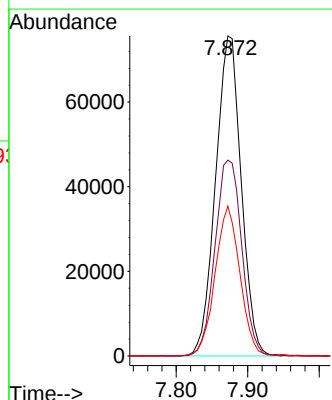
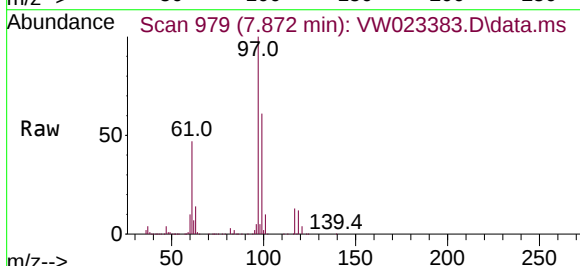
Tgt Ion: 97 Resp: 188839

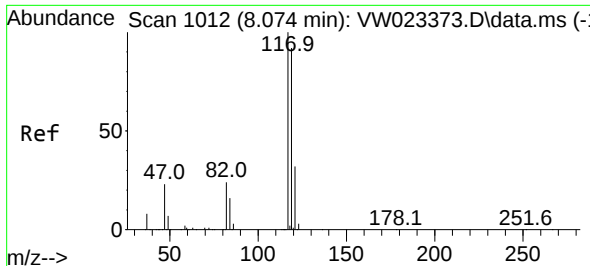
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.2

61 45.2 34.7 52.1

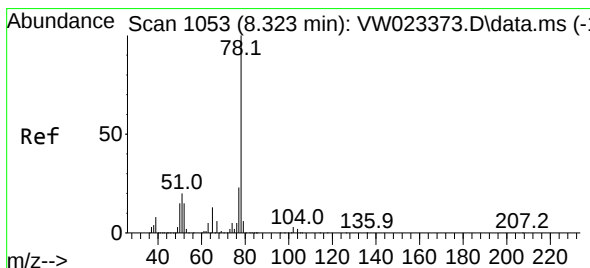
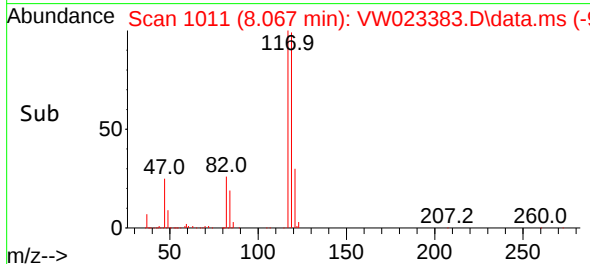
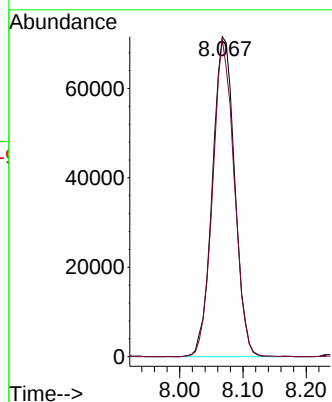
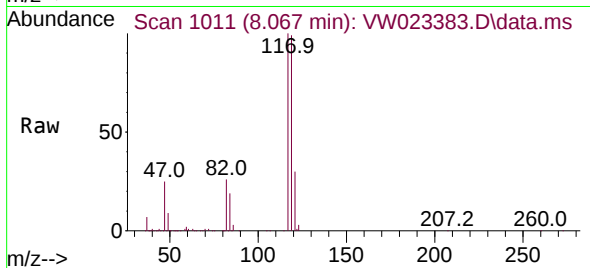




#31
Carbon tetrachloride
Concen: 21.005 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

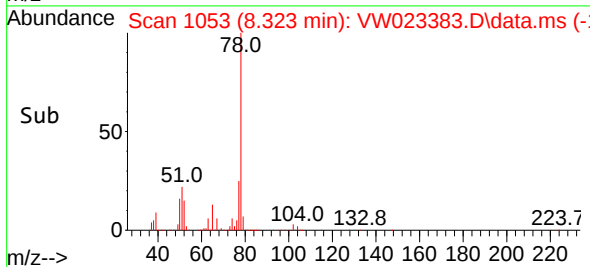
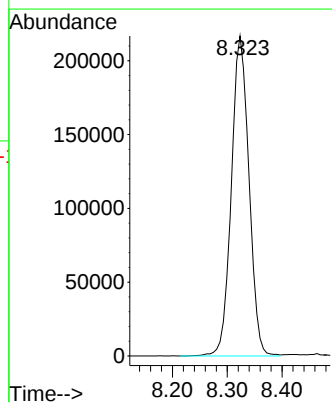
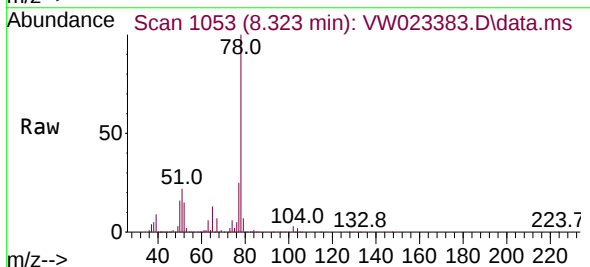
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

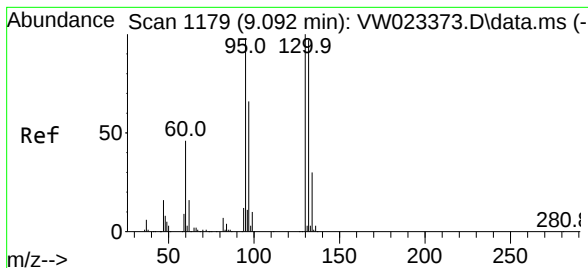
Tgt Ion:117 Resp: 174444
Ion Ratio Lower Upper
117 100
119 95.6 75.6 113.4



#33
Benzene
Concen: 22.138 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion: 78 Resp: 483862





#34

Trichloroethene

Concen: 21.720 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

Tgt Ion: 95 Resp: 128571

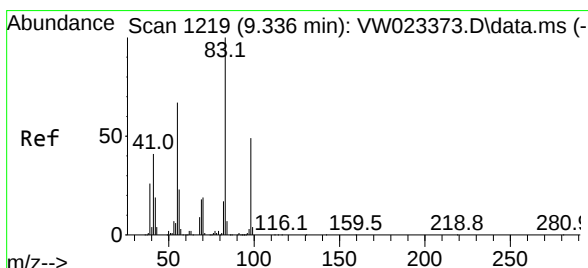
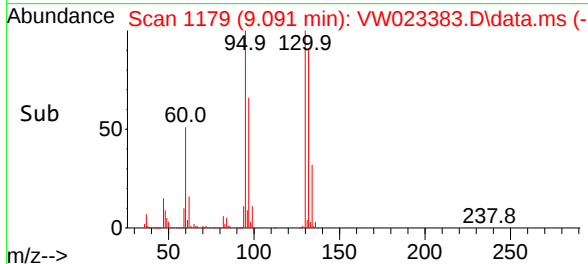
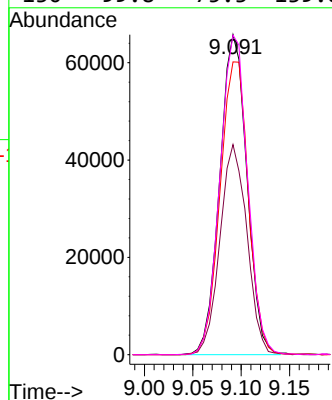
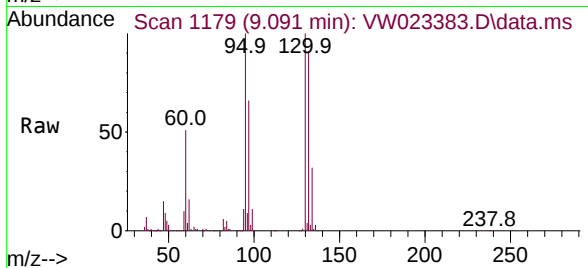
Ion Ratio Lower Upper

95 100

97 65.7 43.8 81.3

132 91.5 68.9 127.9

130 99.8 75.3 139.8



#35

Methylcyclohexane

Concen: 21.723 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

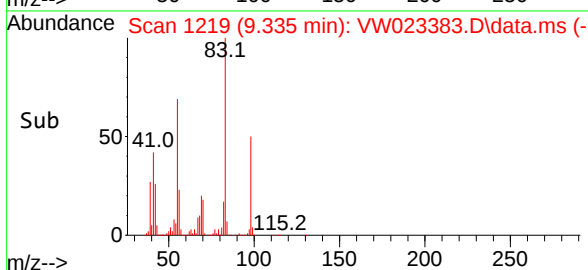
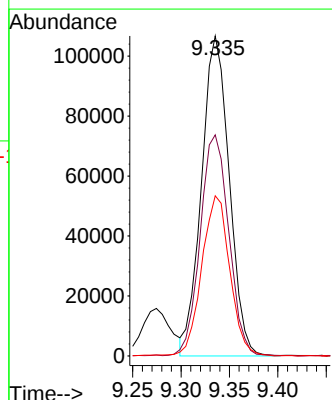
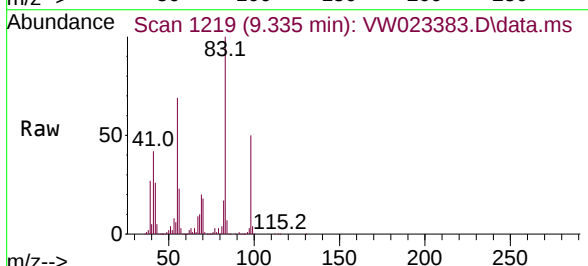
Tgt Ion: 83 Resp: 213035

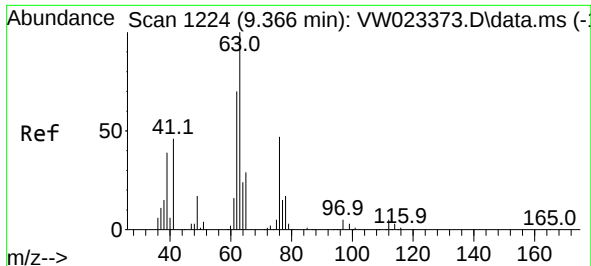
Ion Ratio Lower Upper

83 100

55 71.3 56.5 84.7

98 50.8 39.7 59.5





#37

1,2-Dichloropropane

Concen: 22.378 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

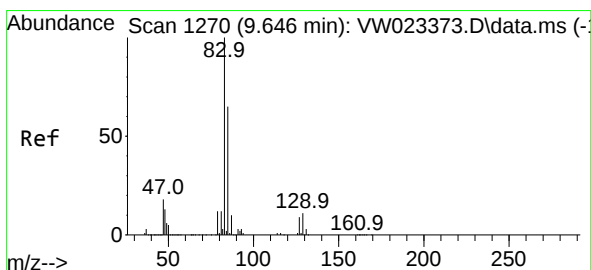
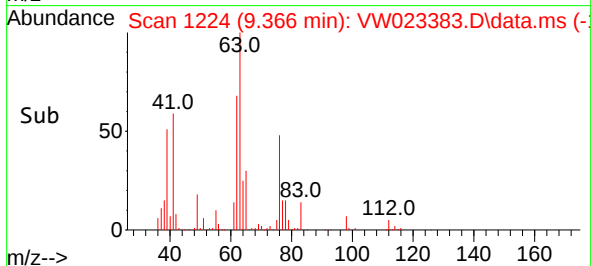
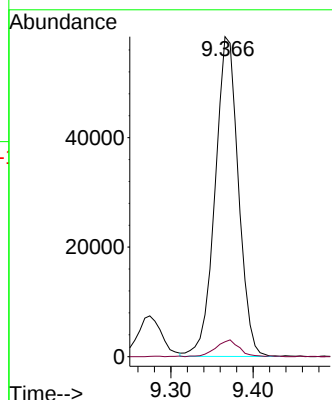
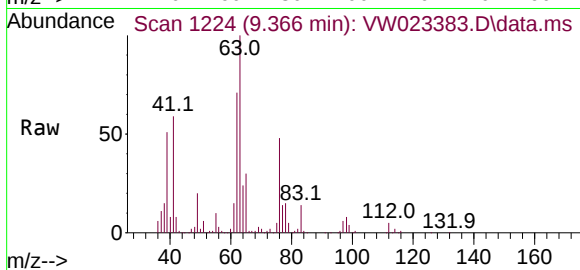
VSTD025559

Tgt Ion: 63 Resp: 115232

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 22.402 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

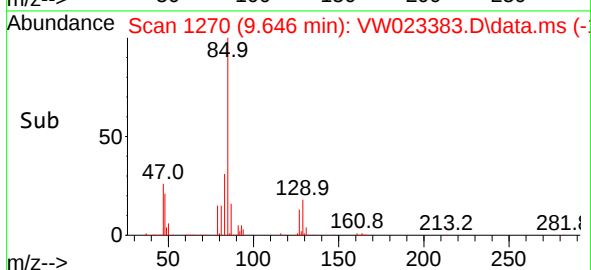
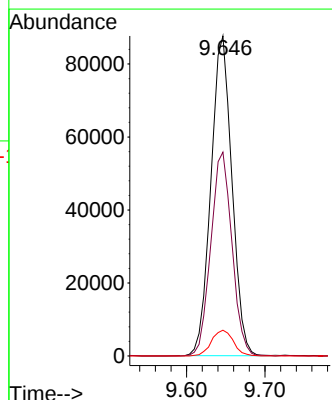
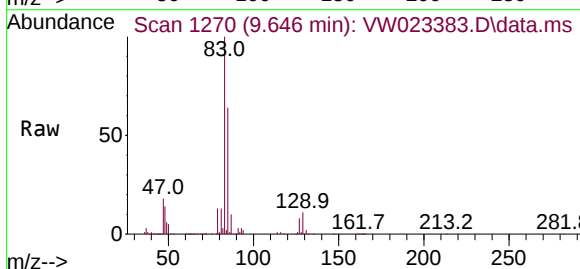
Tgt Ion: 83 Resp: 163284

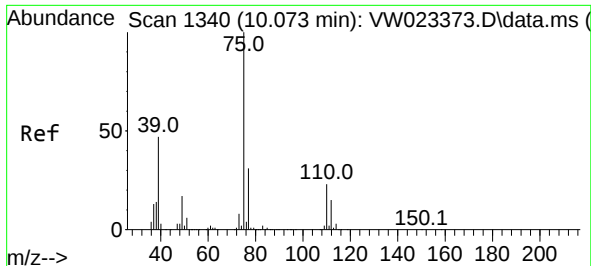
Ion Ratio Lower Upper

83 100

85 63.7 45.8 85.0

127 8.0 7.4 11.0

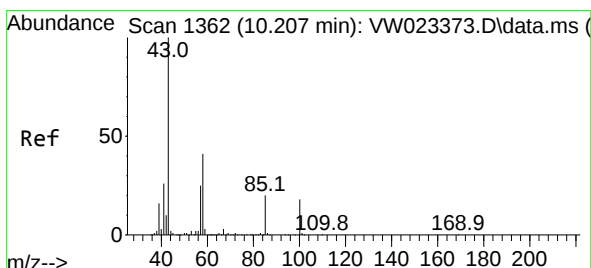
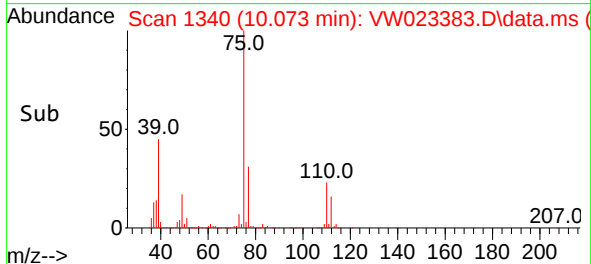
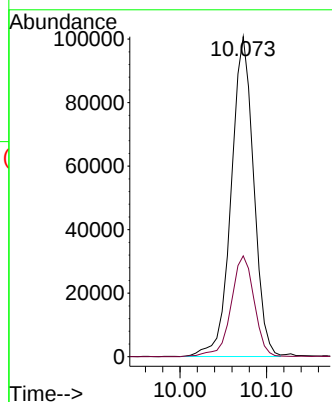
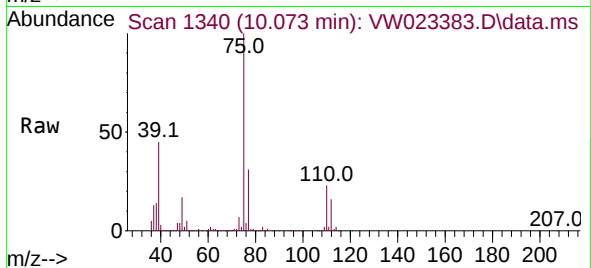




#39
 cis-1,3-Dichloropropene
 Concen: 22.443 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW023383.D
 Acq: 02 Jun 2022 18:40

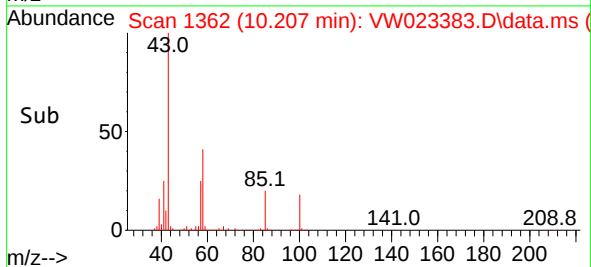
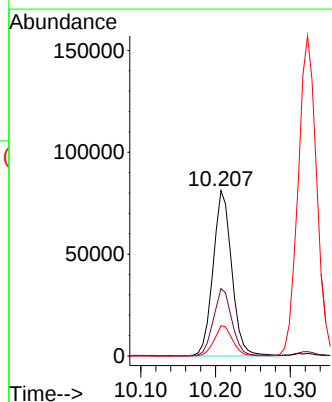
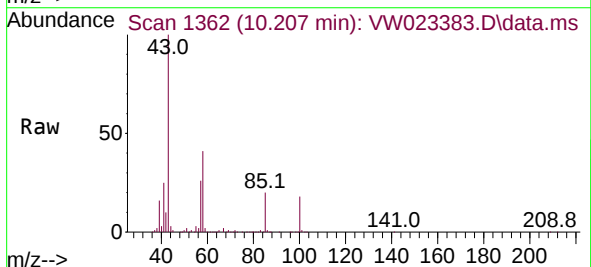
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

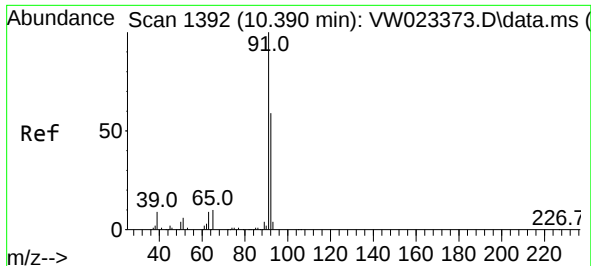
Tgt Ion: 75 Resp: 181515
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 48.444 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023383.D
 Acq: 02 Jun 2022 18:40

Tgt Ion: 43 Resp: 141372
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.5 47.3
 100 18.0 13.7 20.5

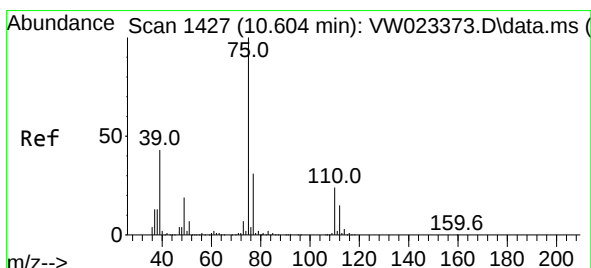
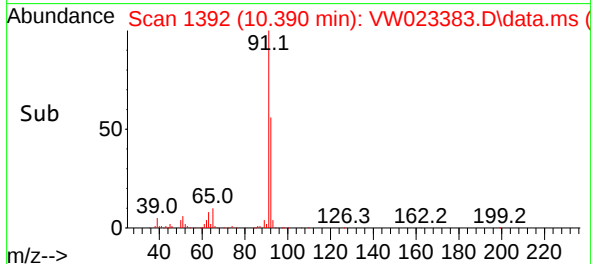
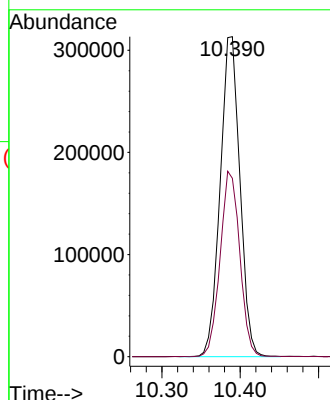
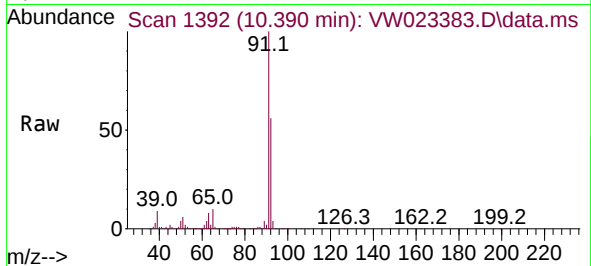




#42
Toluene
Concen: 22.646 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

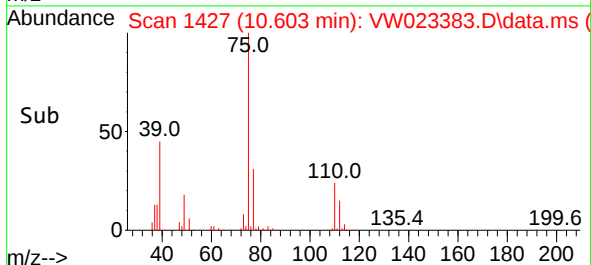
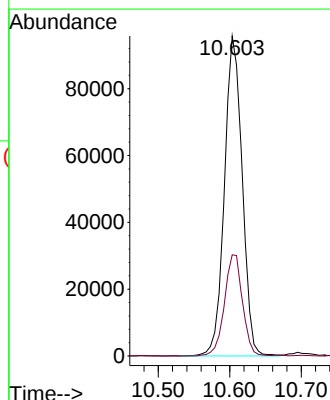
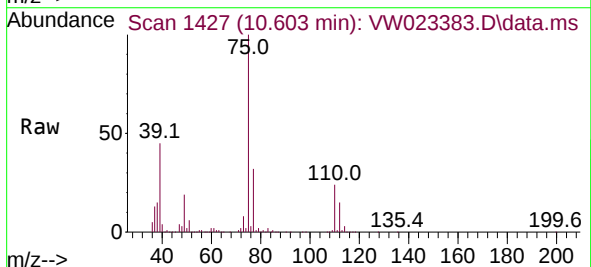
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

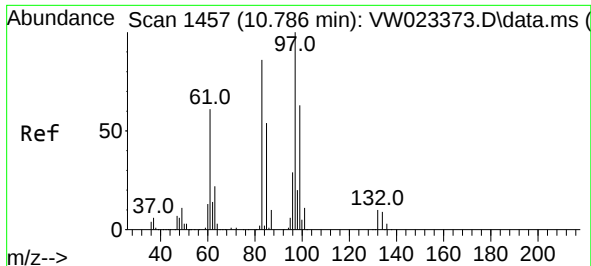
Tgt Ion: 91 Resp: 549873
Ion Ratio Lower Upper
91 100
92 55.8 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 22.863 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion: 75 Resp: 165460
Ion Ratio Lower Upper
75 100
77 31.6 22.2 41.2

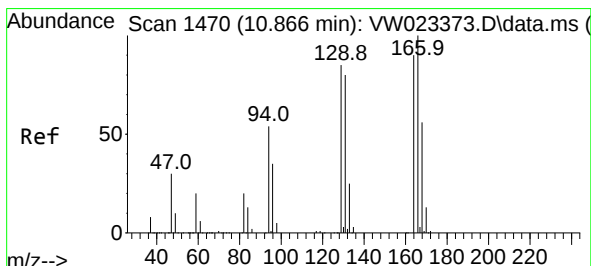
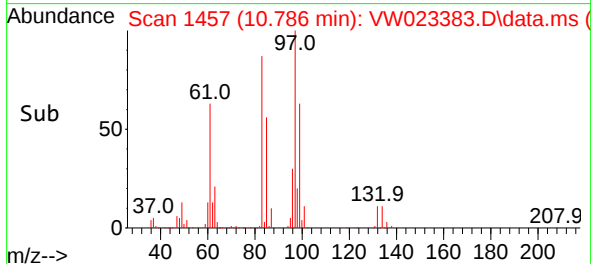
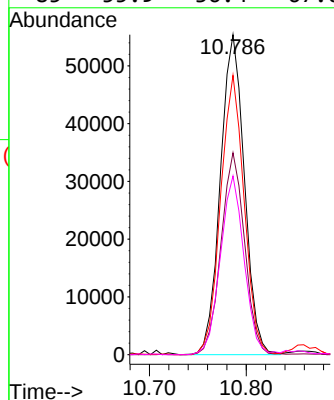
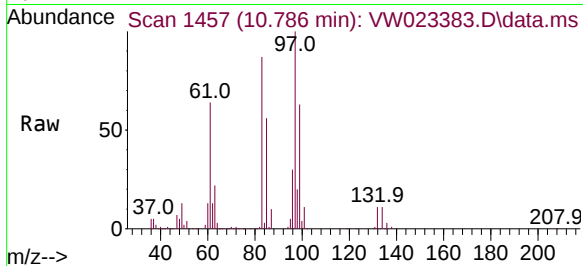




#45
1,1,2-Trichloroethane
Concen: 22.633 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

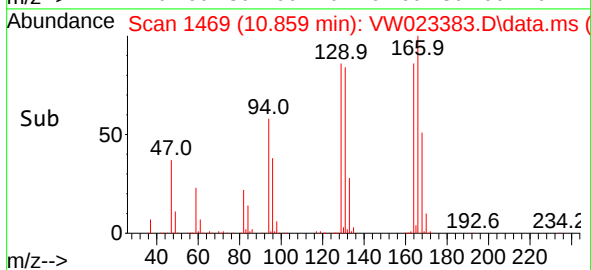
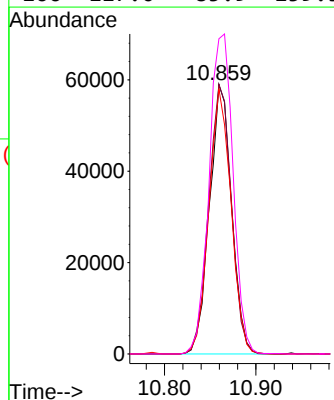
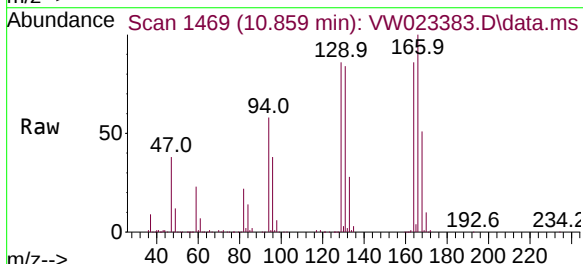
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

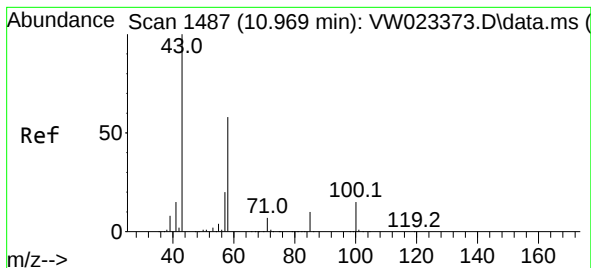
Tgt Ion: 97	Resp: 95416
Ion Ratio	Lower Upper
97 100	
99 63.1	42.6 79.0
83 87.3	61.2 113.8
85 55.9	36.4 67.6



#46
Tetrachloroethene
Concen: 20.862 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt	Ion:164	Resp:	98887
Ion	Ratio	Lower	Upper
164	100		
129	100.0	61.4	114.0
131	98.3	61.0	113.4
166	117.0	85.9	159.5





#48

2-Hexanone

Concen: 49.442 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

Tgt Ion: 43 Resp: 96437

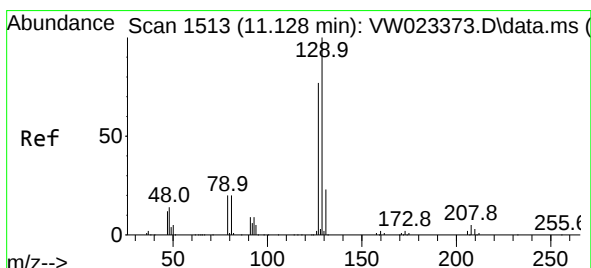
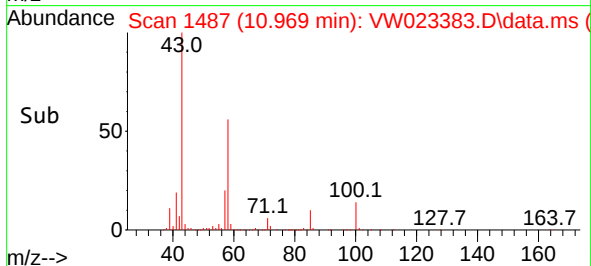
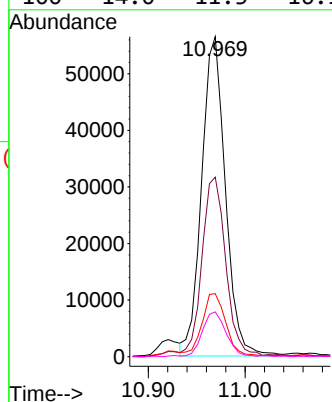
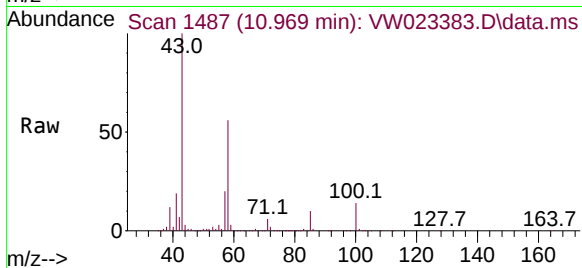
Ion Ratio Lower Upper

43 100

58 56.4 44.4 66.6

57 19.9 15.6 23.4

100 14.0 11.3 16.9



#49

Dibromochloromethane

Concen: 22.719 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023383.D

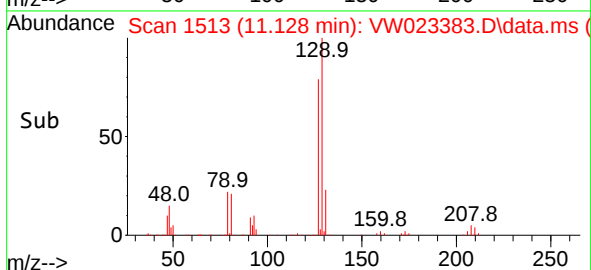
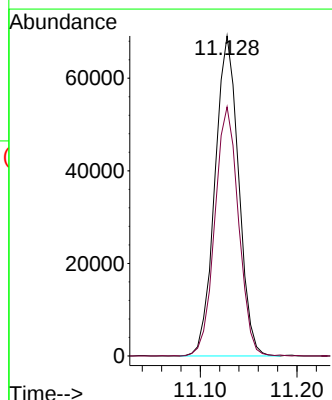
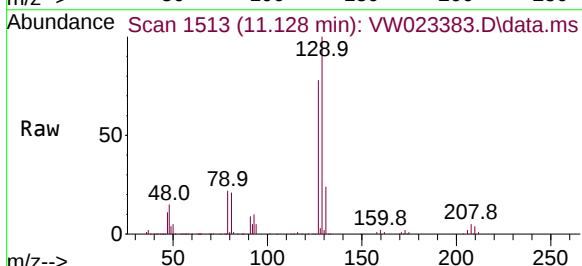
Acq: 02 Jun 2022 18:40

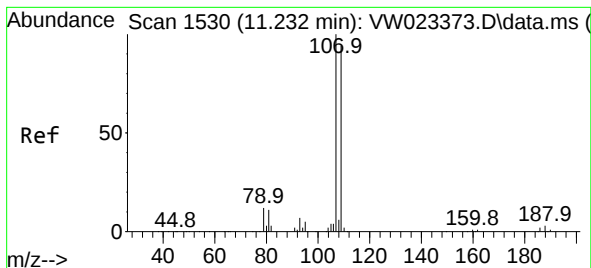
Tgt Ion: 129 Resp: 117535

Ion Ratio Lower Upper

129 100

127 77.9 54.2 100.6

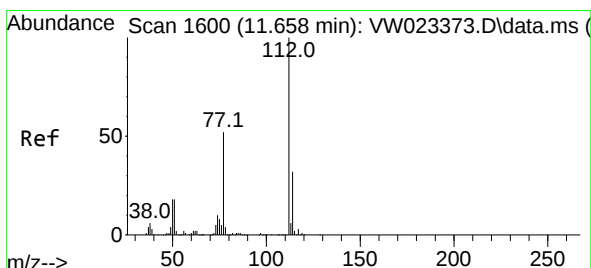
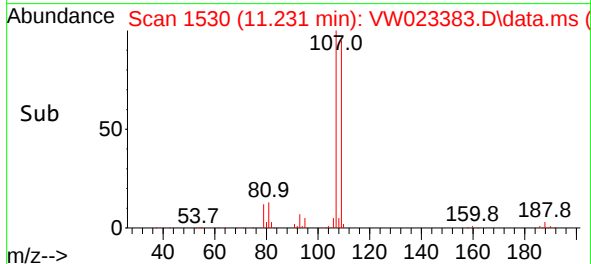
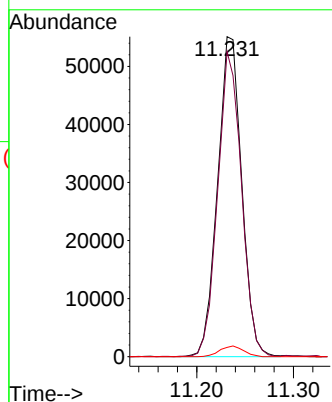
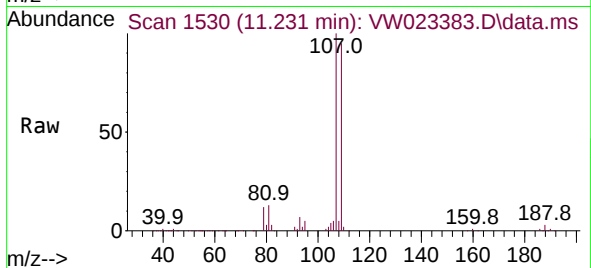




#50
1,2-Dibromoethane
Concen: 23.231 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

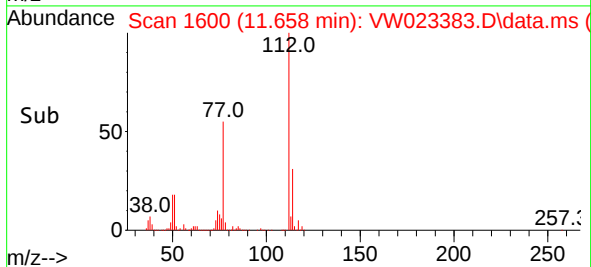
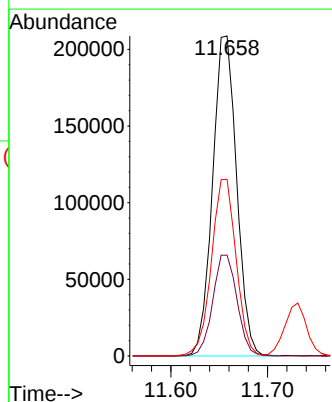
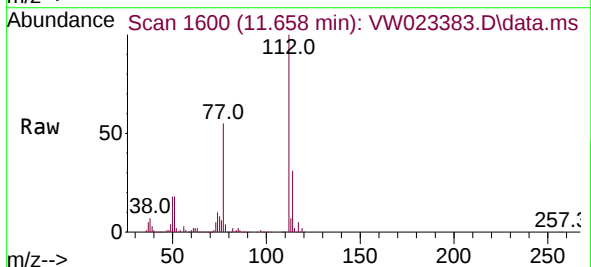
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

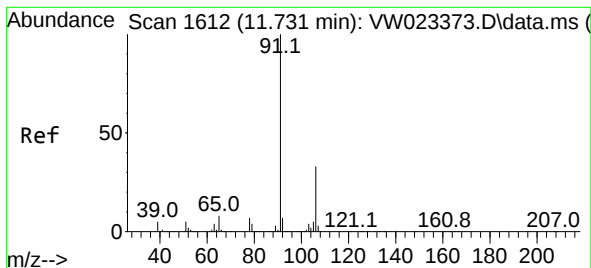
Tgt Ion:107 Resp: 95477
Ion Ratio Lower Upper
107 100
109 95.4 62.4 116.0
188 2.9 2.6 4.0



#51
Chlorobenzene
Concen: 22.532 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion:112 Resp: 361250
Ion Ratio Lower Upper
112 100
114 31.5 23.2 43.2
77 55.2 43.8 65.6

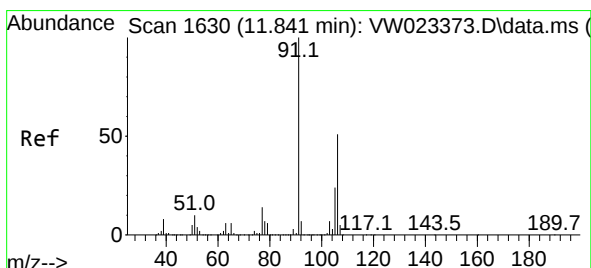
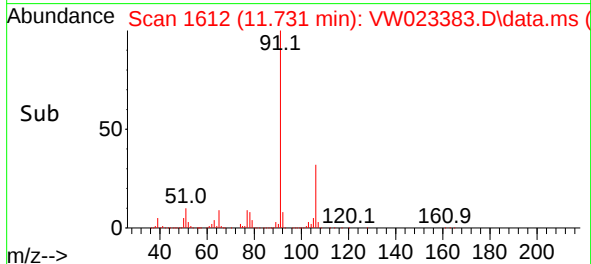
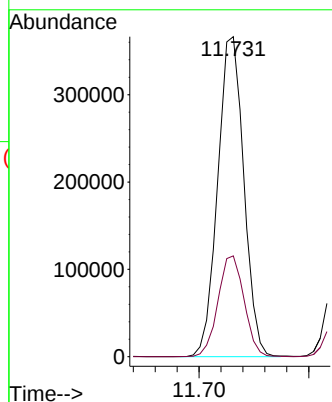
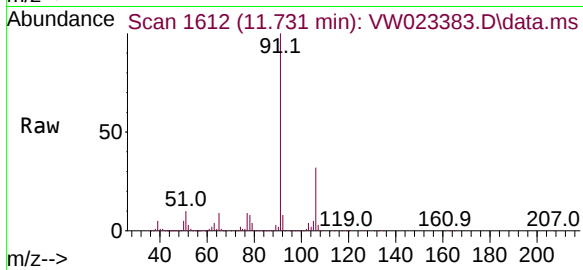




#52
Ethylbenzene
Concen: 22.757 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

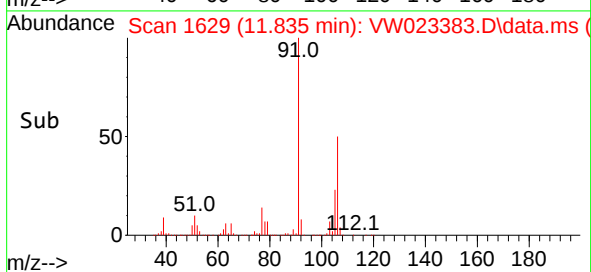
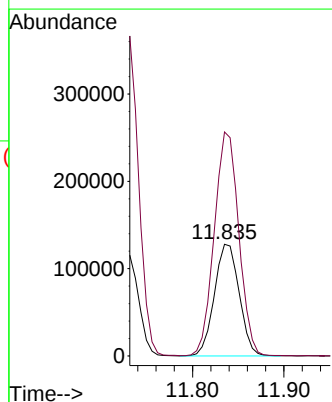
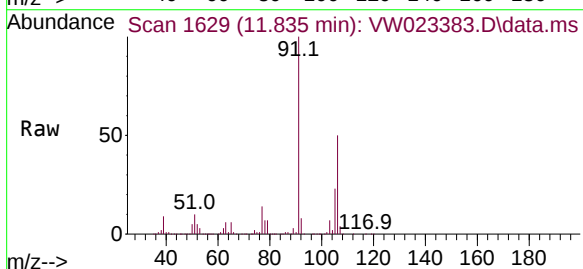
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

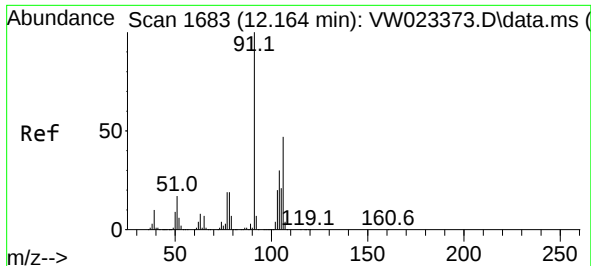
Tgt Ion: 91 Resp: 606814
Ion Ratio Lower Upper
91 100
106 31.5 22.4 41.6



#53
m,p-Xylene
Concen: 22.852 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion:106 Resp: 241303
Ion Ratio Lower Upper
106 100
91 200.6 141.7 263.1

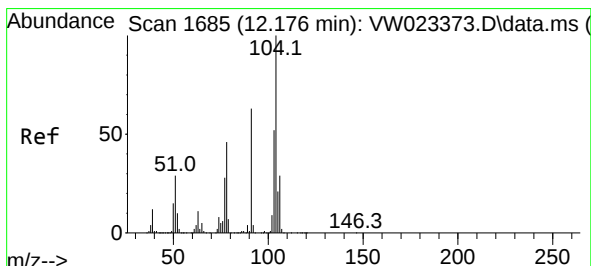
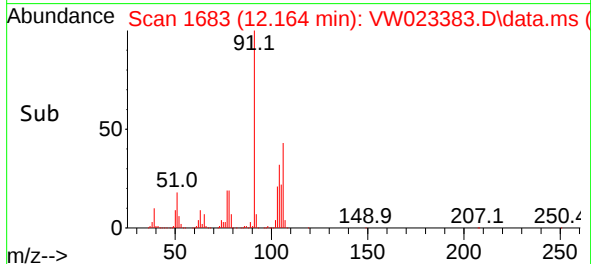
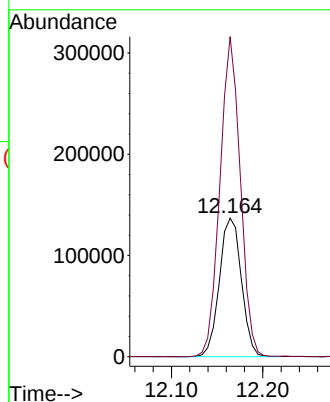
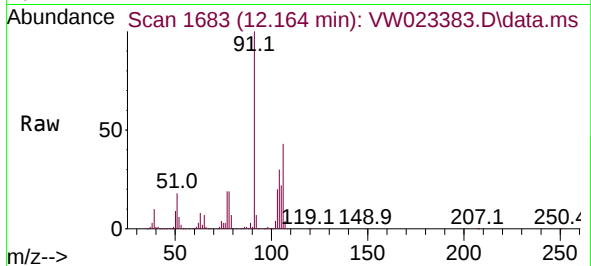




#54
o-Xylene
Concen: 22.681 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

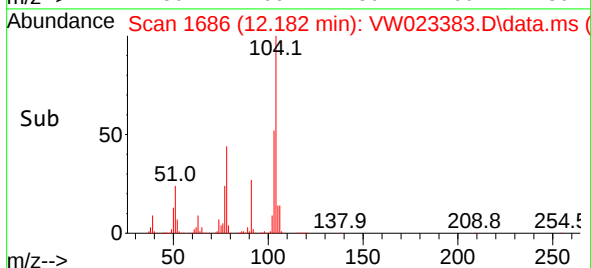
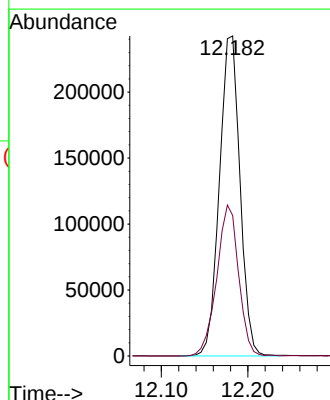
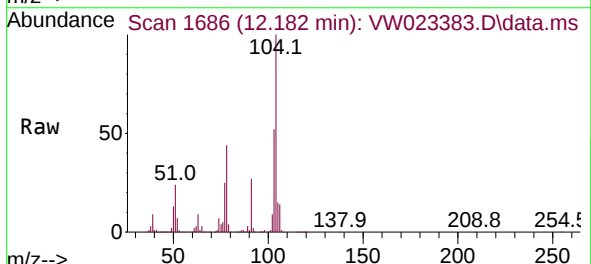
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

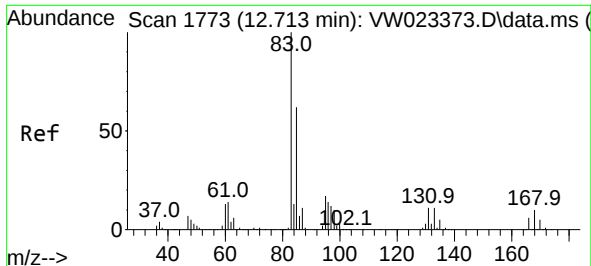
Tgt Ion:106 Resp: 229128
Ion Ratio Lower Upper
106 100
91 230.9 148.0 274.8



#55
Styrene
Concen: 23.263 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion:104 Resp: 400506
Ion Ratio Lower Upper
104 100
78 43.9 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 23.782 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

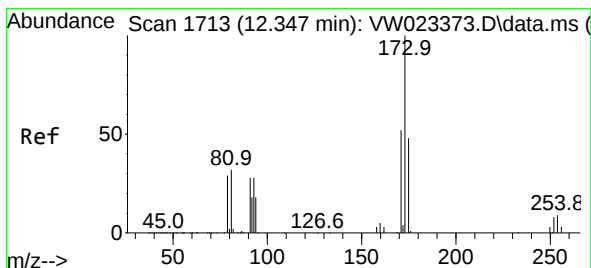
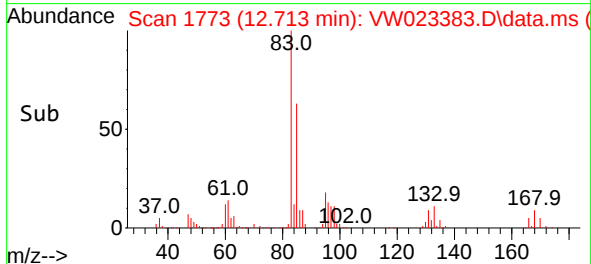
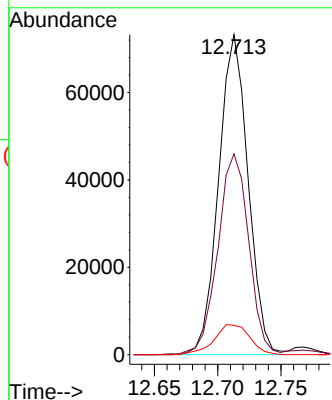
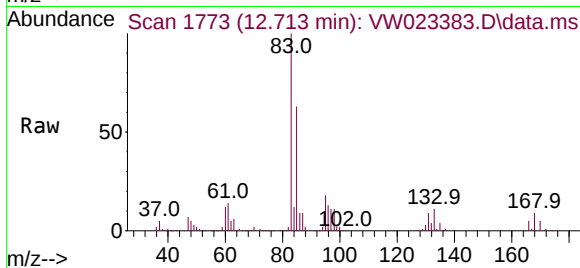
Tgt Ion: 83 Resp: 118421

Ion Ratio Lower Upper

83 100

85 62.8 42.4 78.8

131 9.2 7.8 11.6



#59

Bromoform

Concen: 21.620 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

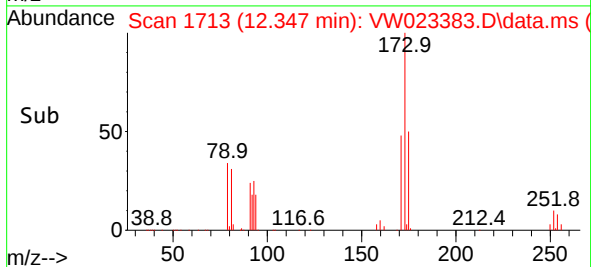
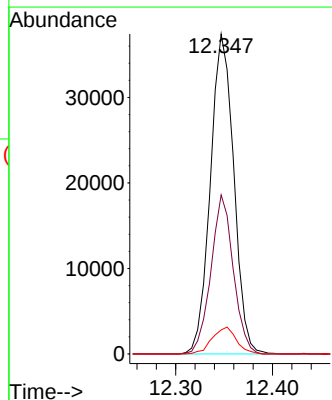
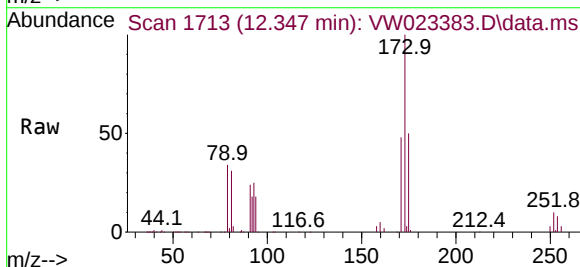
Tgt Ion: 173 Resp: 62905

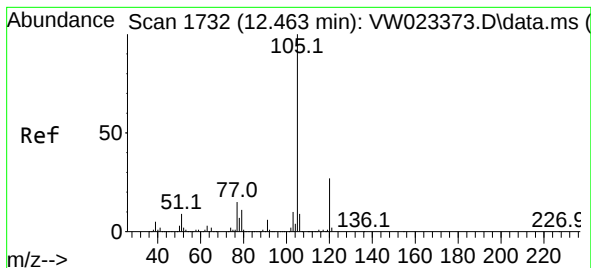
Ion Ratio Lower Upper

173 100

175 47.5 37.9 56.9

254 8.7 7.1 10.7





#60

Isopropylbenzene

Concen: 22.738 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

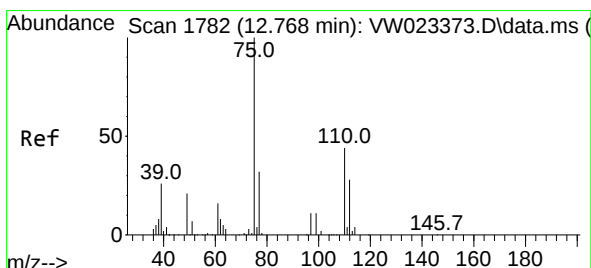
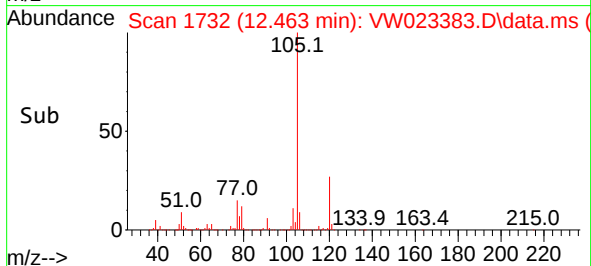
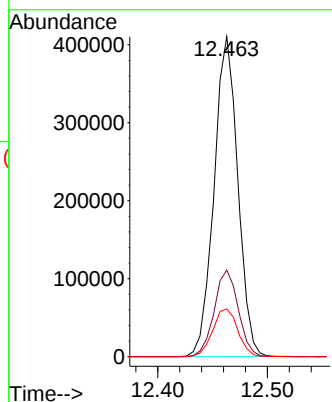
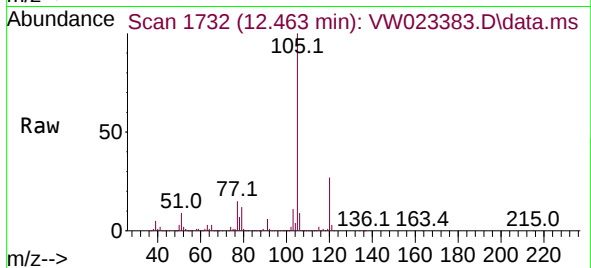
Tgt Ion:105 Resp: 618084

Ion Ratio Lower Upper

105 100

120 27.4 21.4 32.0

77 15.8 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 23.840 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

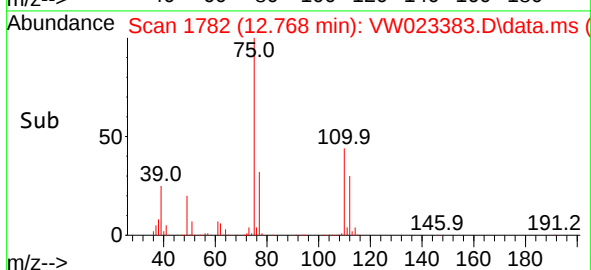
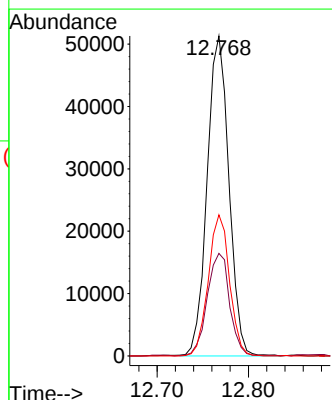
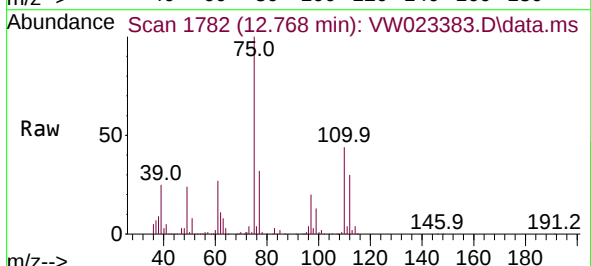
Tgt Ion: 75 Resp: 84933

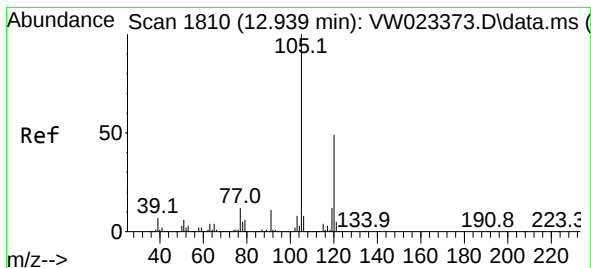
Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2

110 43.0 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 23.976 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

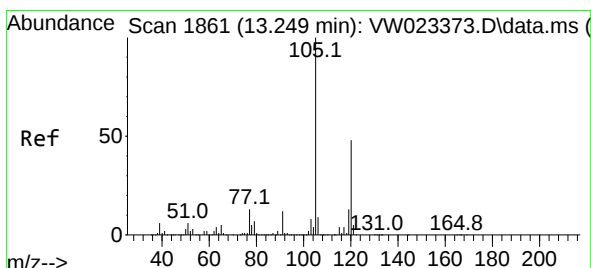
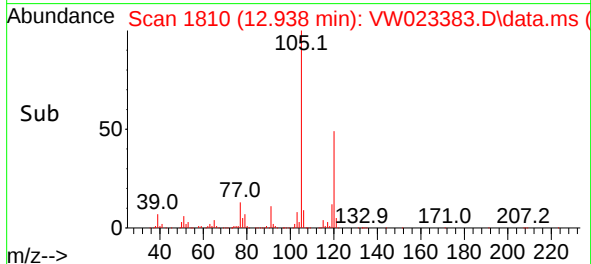
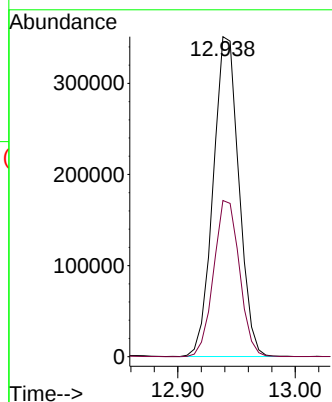
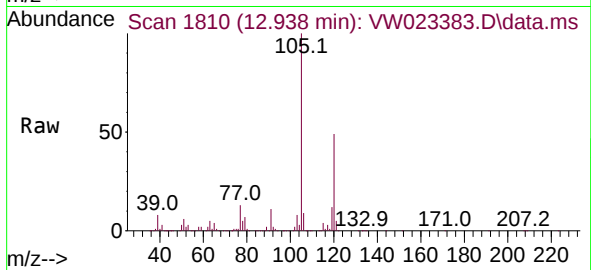
VSTD025559

Tgt Ion:105 Resp: 533998

Ion Ratio Lower Upper

105 100

120 49.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 23.500 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023383.D

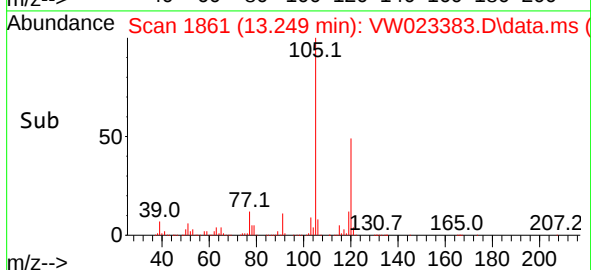
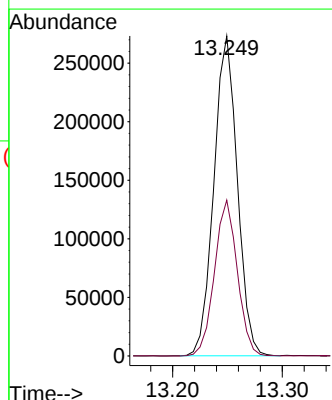
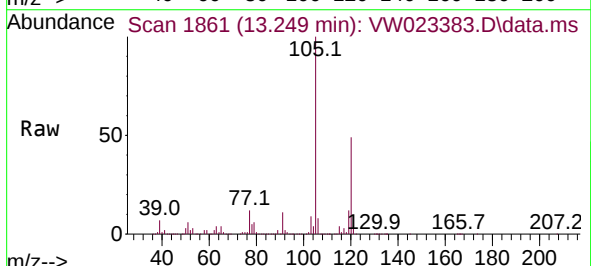
Acq: 02 Jun 2022 18:40

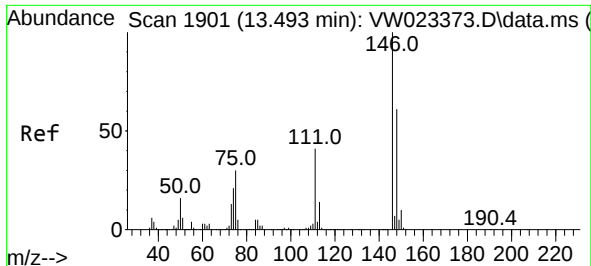
Tgt Ion:105 Resp: 406341

Ion Ratio Lower Upper

105 100

120 47.4 37.2 55.8

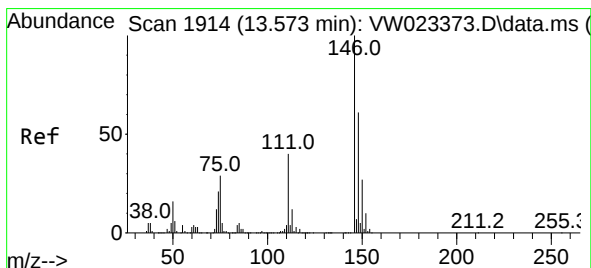
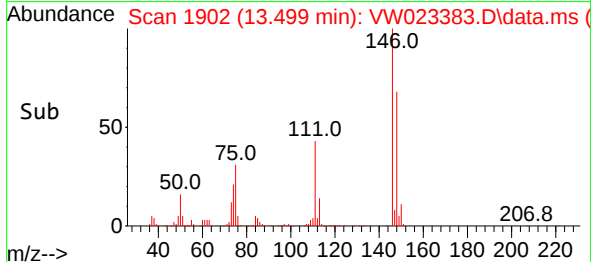
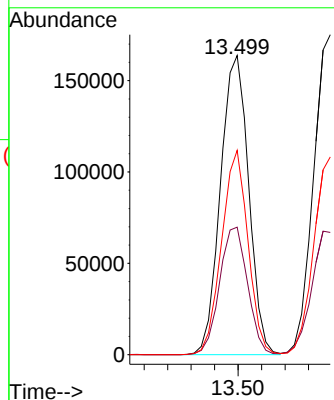
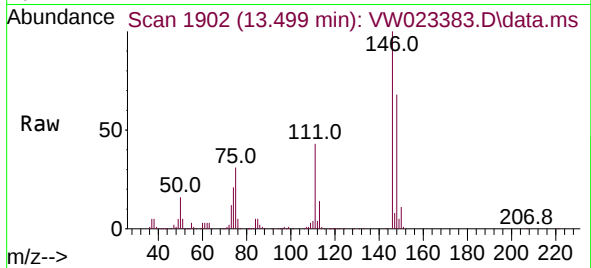




#64
1,3-Dichlorobenzene
Concen: 22.088 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

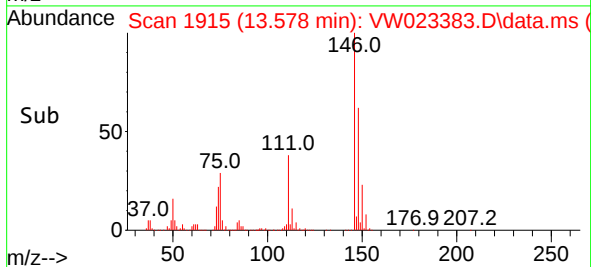
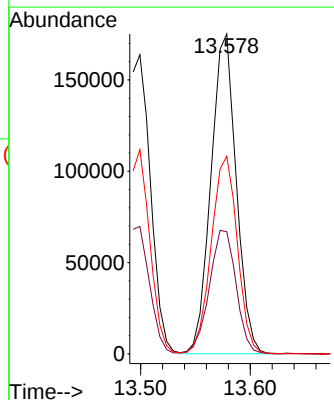
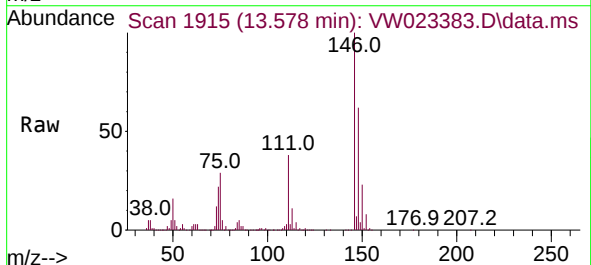
Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

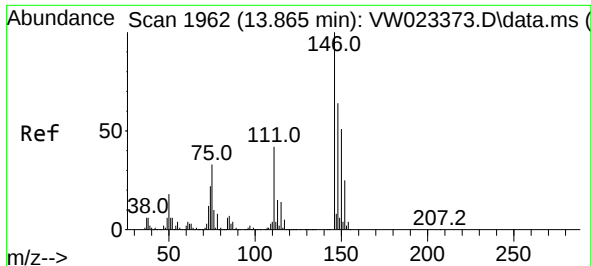
Tgt Ion:146 Resp: 272957
Ion Ratio Lower Upper
146 100
111 42.6 28.7 53.3
148 68.3 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 22.281 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion:146 Resp: 281474
Ion Ratio Lower Upper
146 100
111 38.2 26.9 49.9
148 61.8 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 23.350 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025559

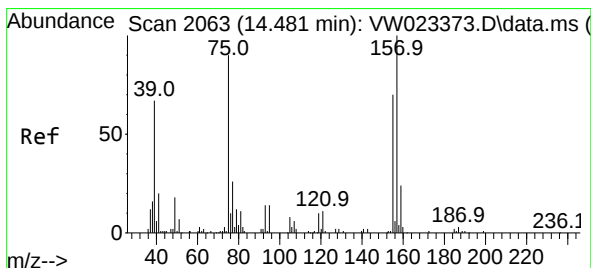
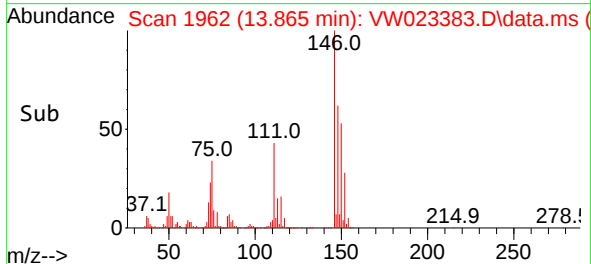
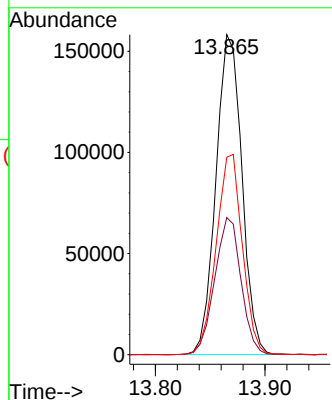
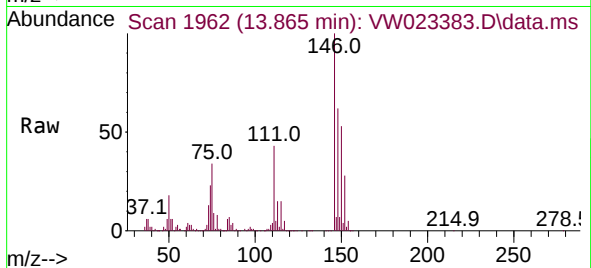
Tgt Ion:146 Resp: 260820

Ion Ratio Lower Upper

146 100

111 42.9 31.7 47.5

148 61.7 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.874 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023383.D

Acq: 02 Jun 2022 18:40

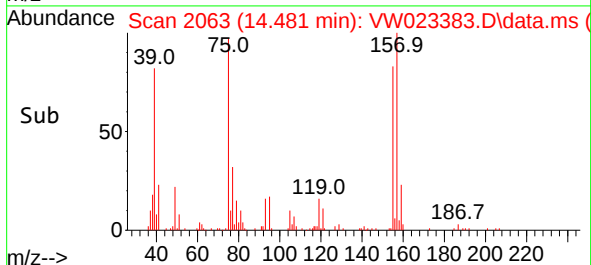
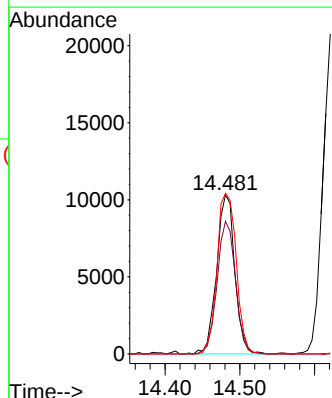
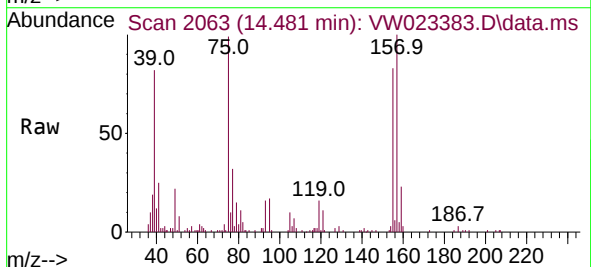
Tgt Ion: 75 Resp: 17358

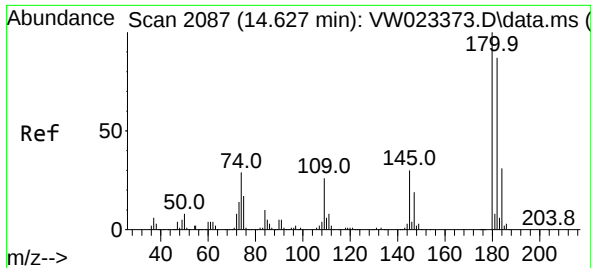
Ion Ratio Lower Upper

75 100

155 83.3 66.7 100.1

157 100.9 92.6 139.0

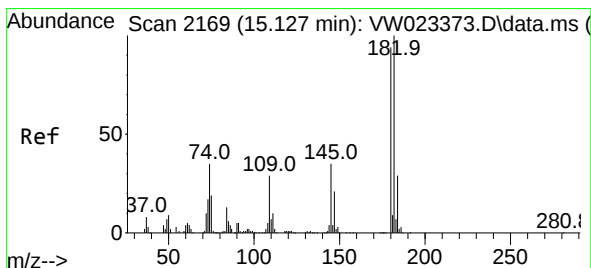
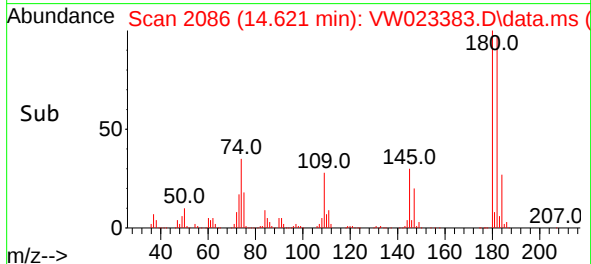
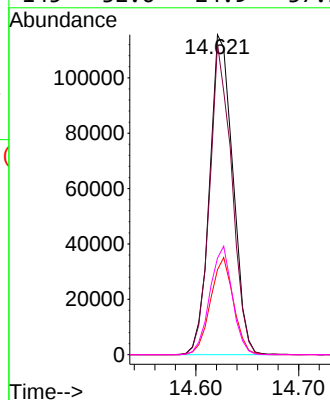
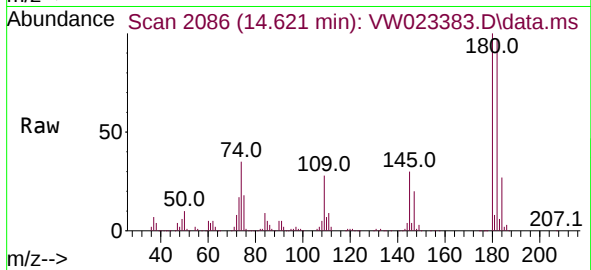




#69
 1,3,5-Trichlorobenzene
 Concen: 22.314 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW023383.D
 Acq: 02 Jun 2022 18:40

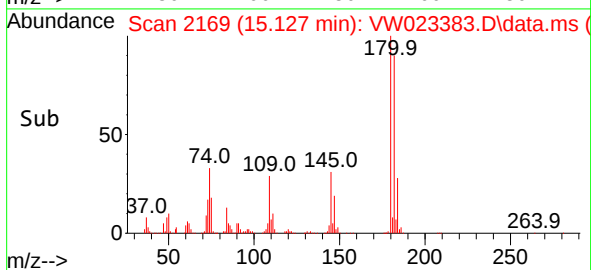
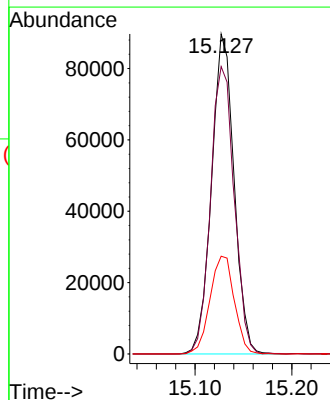
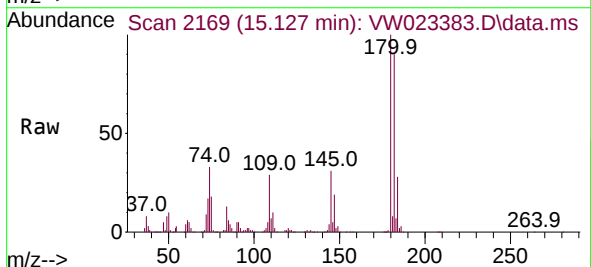
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

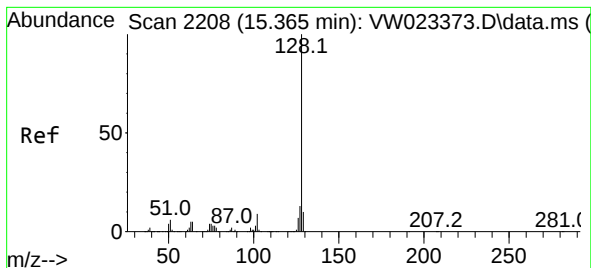
Tgt Ion:180 Resp: 182115
 Ion Ratio Lower Upper
 180 100
 182 92.0 76.6 115.0
 184 29.9 23.4 35.2
 145 32.6 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 22.327 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023383.D
 Acq: 02 Jun 2022 18:40

Tgt Ion:180 Resp: 144783
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.0 112.6
 145 33.1 25.7 38.5

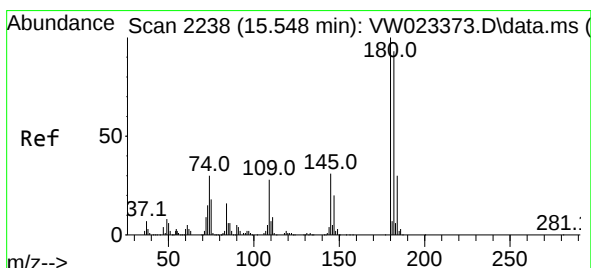
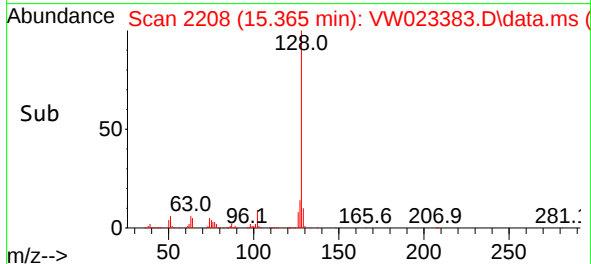
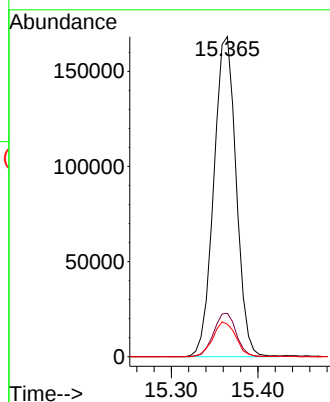
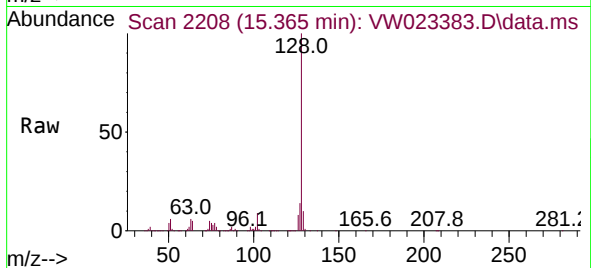




#71
Naphthalene
Concen: 24.749 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD025559

Tgt Ion:128 Resp: 302148
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 23.096 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW023383.D
Acq: 02 Jun 2022 18:40

Tgt Ion:180 Resp: 129632
Ion Ratio Lower Upper
180 100
182 92.4 74.6 112.0
145 34.2 28.0 42.0

