

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
 Data File : VW024638.D
 Acq On : 26 Sep 2022 16:13
 Operator : SY/VA
 Sample : VSTD2.553
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5453

Quant Time: Sep 27 00:52:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	619517	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	543020	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	253254	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	14347	2.213	ug/L	0.00
7) Chloroethane-d5	2.891	69	9106	2.418	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	35763	2.384	ug/L	0.00
21) 2-Butanone-d5	7.269	46	141	0.061	ug/L	0.19
24) Chloroform-d	7.653	84	43276	2.613	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	23484	2.733	ug/L	0.00
32) Benzene-d6	8.275	84	91716	2.643	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	28554	2.693	ug/L	0.00
41) Toluene-d8	10.323	98	81697	2.634	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	12389	2.623	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9566	5.272	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20552	2.720	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	25217	2.830	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	7112	1.934	ug/L	94
3) Chloromethane	2.215	50	17191	2.321	ug/L	98
5) Vinyl chloride	2.361	62	14859	1.951	ug/L	94
6) Bromomethane	2.782	94	9173	2.610	ug/L	92
8) Chloroethane	2.928	64	6773	2.109	ug/L	97
9) Trichlorofluoromethane	3.263	101	9915	2.327	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	19270	2.371	ug/L #	76
12) 1,1-Dichloroethene	4.044	96	18513	2.273	ug/L	94
13) Acetone	4.135	43	10024	5.879	ug/L	98
14) Carbon disulfide	4.391	76	58876	2.301	ug/L	99
15) Methyl Acetate	4.678	43	8556	2.236	ug/L	97
16) Methylene chloride	4.922	84	48772	4.009	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	21911	2.410	ug/L	86
18) Methyl tert-butyl Ether	5.434	73	37621	2.608	ug/L #	83
19) 1,1-Dichloroethane	6.220	63	42016	2.466	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	23857	2.442	ug/L	91
22) 2-Butanone	7.189	43	15295	5.619	ug/L	98
23) Bromochloromethane	7.513	128	9950	2.506	ug/L	90
25) Chloroform	7.677	83	40046	2.479	ug/L	97
27) 1,2-Dichloroethane	8.403	62	25499	2.508	ug/L	99
29) Cyclohexane	7.952	56	40805	2.411	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	32374	2.464	ug/L	100
31) Carbon tetrachloride	8.067	117	26937	2.421	ug/L	94
33) Benzene	8.323	78	96842	2.548	ug/L	100
34) Trichloroethene	9.092	95	23635	2.454	ug/L	95
35) Methylcyclohexane	9.335	83	42037	2.381	ug/L	98
37) 1,2-Dichloropropane	9.366	63	23348	2.488	ug/L	99
38) Bromodichloromethane	9.646	83	28093	2.434	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	35803	2.413	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	27993	5.040	ug/L	98
42) Toluene	10.384	91	97674	2.489	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	30285	2.381	ug/L	96

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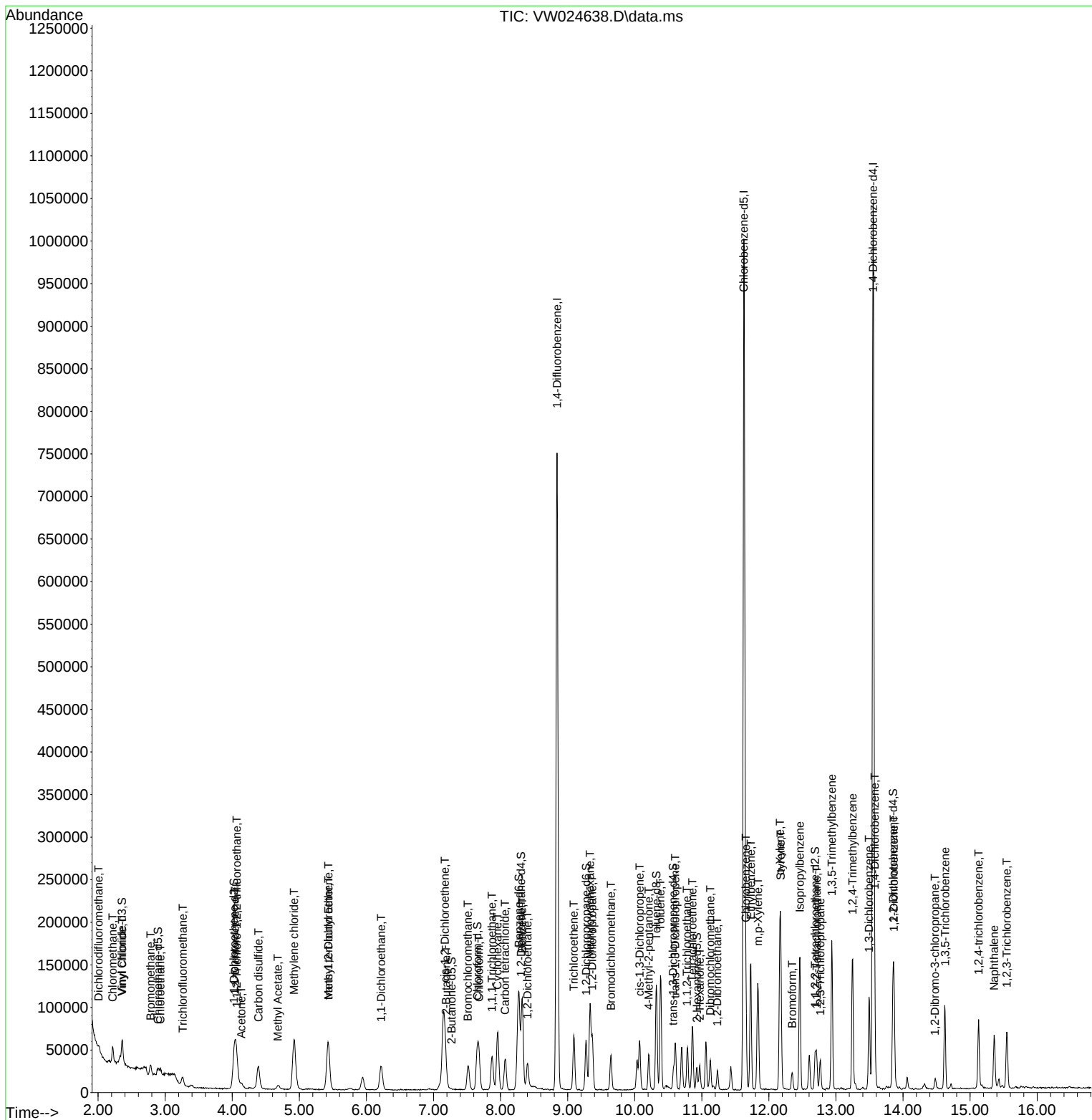
Quant Time: Sep 27 00:52:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 27 00:48:15 2022
 Response via : Initial Calibration

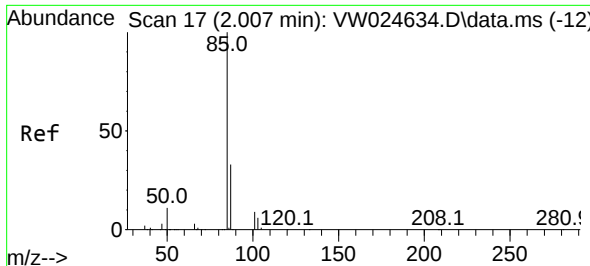
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.780	97	15780	2.462	ug/L	98
46) Tetrachloroethene	10.860	164	15656	2.392	ug/L	92
48) 2-Hexanone	10.969	43	17890	4.764	ug/L	98
49) Dibromochloromethane	11.128	129	17365	2.406	ug/L	97
50) 1,2-Dibromoethane	11.231	107	15013	2.475	ug/L	99
51) Chlorobenzene	11.658	112	59695	2.484	ug/L	99
52) Ethylbenzene	11.731	91	105332	2.436	ug/L	99
53) m,p-Xylene	11.841	106	41414	2.453	ug/L	94
54) o-Xylene	12.164	106	39300	2.465	ug/L	97
55) Styrene	12.176	104	65430	2.435	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	18865	2.514	ug/L	99
59) Bromoform	12.347	173	8609	2.405	ug/L #	94
60) Isopropylbenzene	12.463	105	104804	2.539	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	14246	2.611	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	90399	2.520	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	87973	2.503	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	42630	2.542	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	41718	2.556	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	37467	2.565	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	3380	2.620	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	27312	2.453	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	23523	2.515	ug/L	92
71) Naphthalene	15.359	128	51000	2.504	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	19502	2.450	ug/L	98

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

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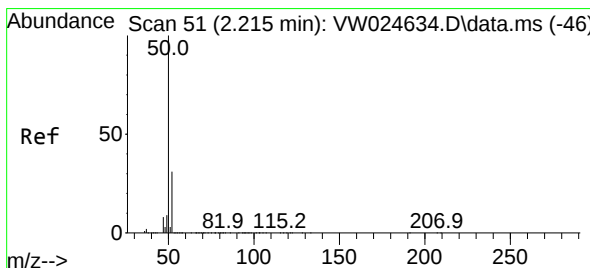
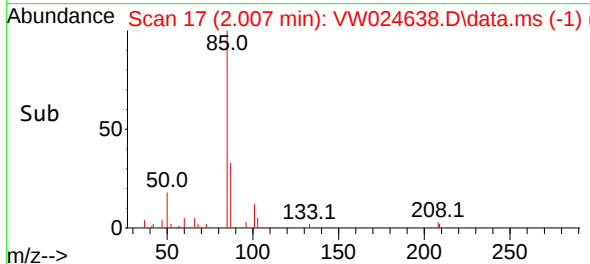
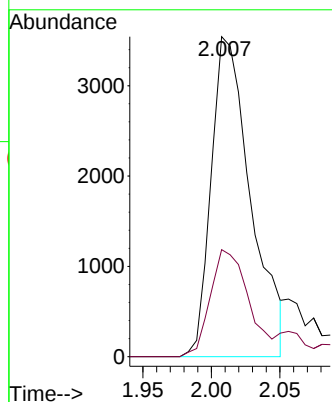
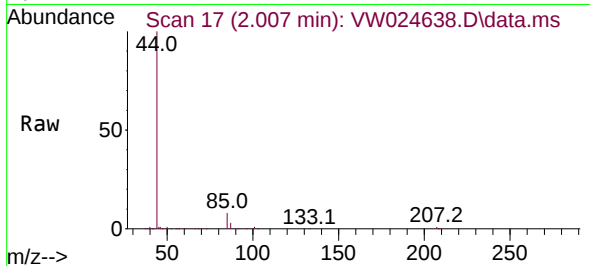




#2
 Dichlorodifluoromethane
 Concen: 1.934 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024638.D
 Acq: 26 Sep 2022 16:13

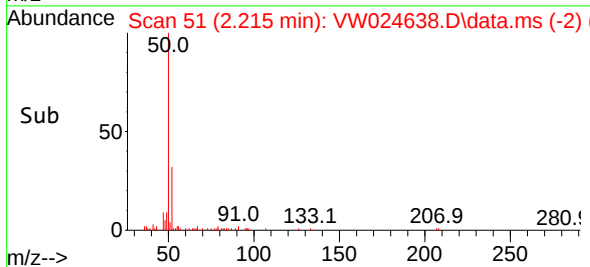
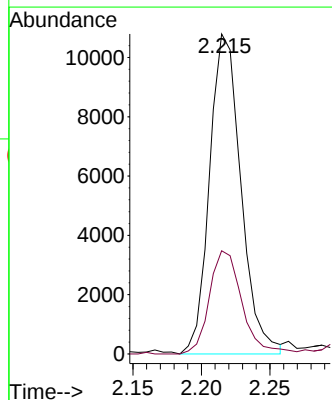
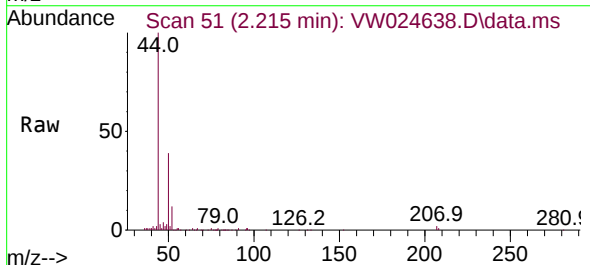
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 ClientSampleId :
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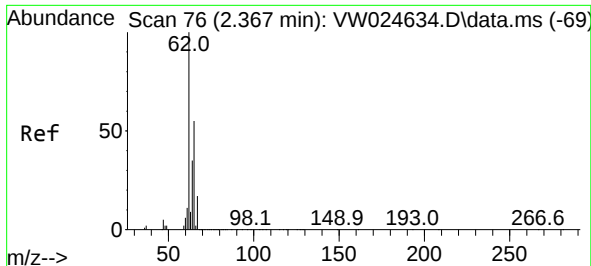
Tgt Ion: 85 Resp: 7112
 Ion Ratio Lower Upper
 85 100
 87 32.4 28.8 43.2



#3
 Chloromethane
 Concen: 2.321 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024638.D
 Acq: 26 Sep 2022 16:13

Tgt Ion: 50 Resp: 17191
 Ion Ratio Lower Upper
 50 100
 52 32.3 21.7 40.3

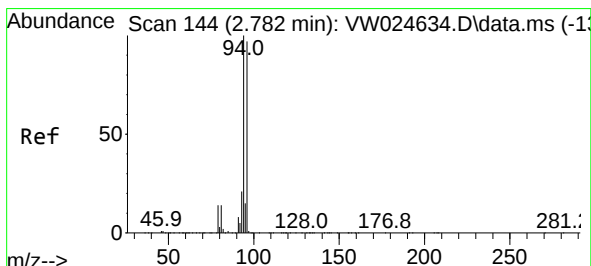
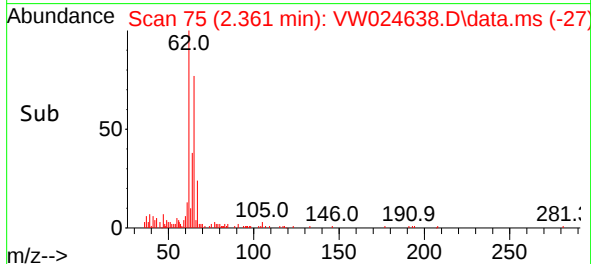
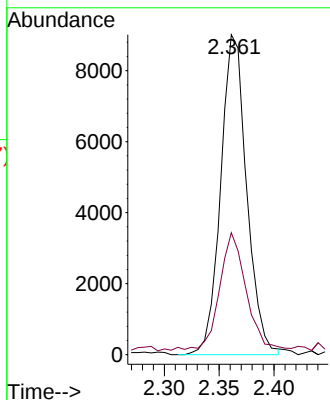
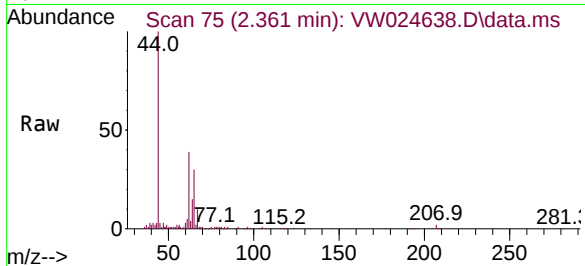




#5
 Vinyl chloride
 Concen: 1.951 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW024638.D
 Acq: 26 Sep 2022 16:13

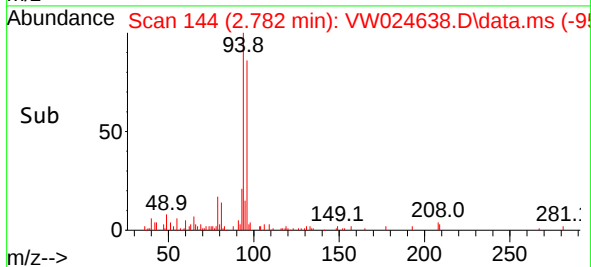
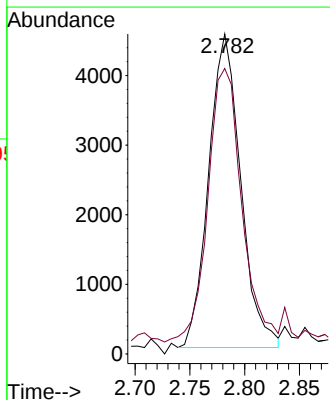
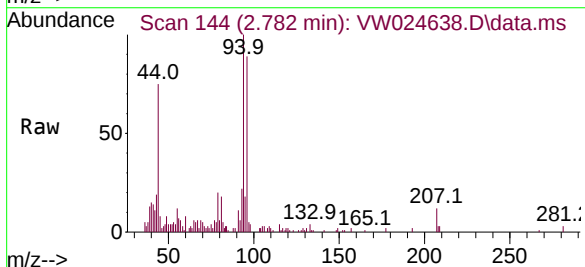
Instrument :
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 ClientSampleId :
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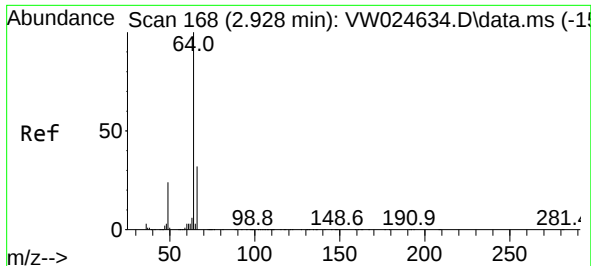
Tgt Ion: 62 Resp: 14859
 Ion Ratio Lower Upper
 62 100
 64 38.1 24.4 45.2



#6
 Bromomethane
 Concen: 2.610 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024638.D
 Acq: 26 Sep 2022 16:13

Tgt Ion: 94 Resp: 9173
 Ion Ratio Lower Upper
 94 100
 96 89.2 68.0 126.2

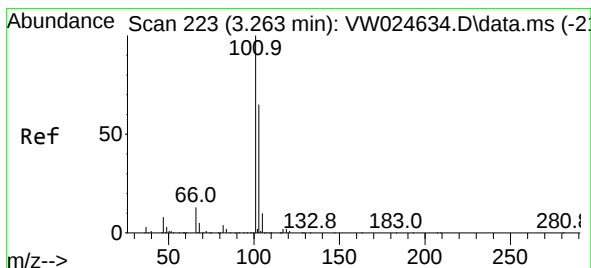
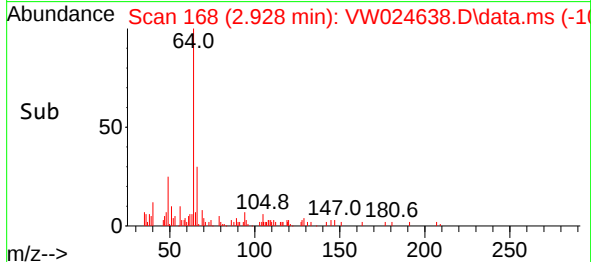
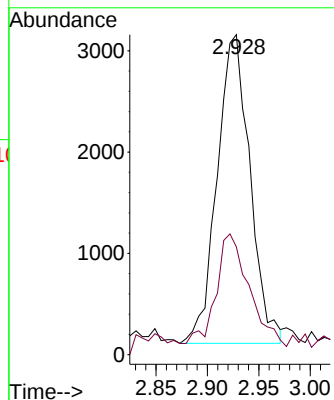
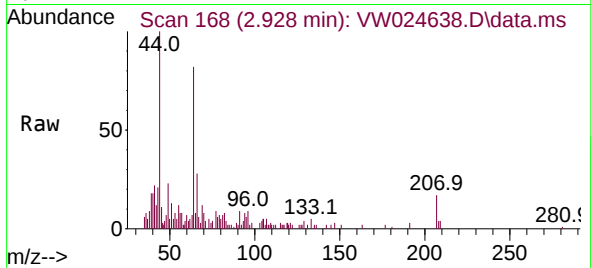




#8
Chloroethane
Concen: 2.109 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

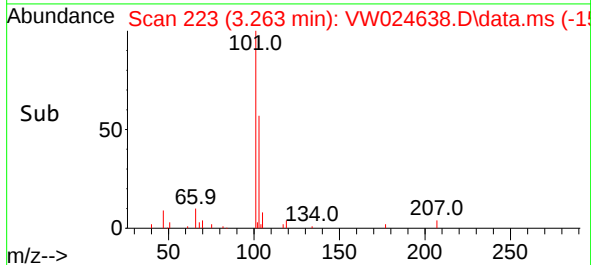
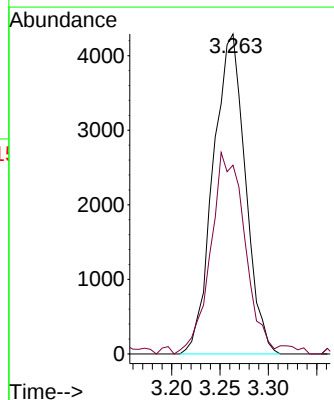
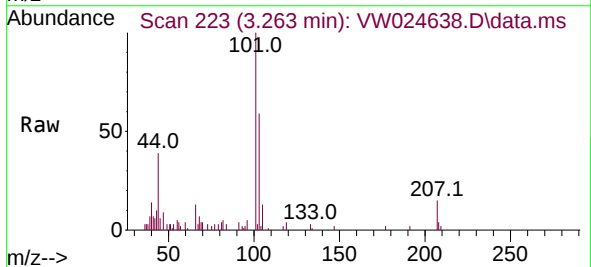
Instrument :
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ClientSampleId :
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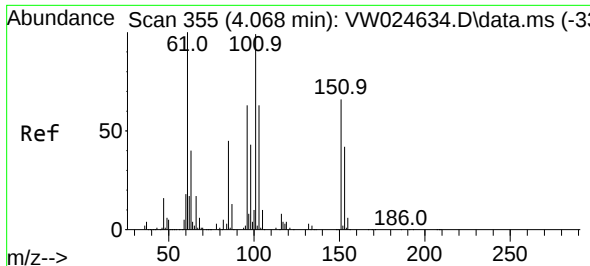
Tgt Ion: 64 Resp: 6773
Ion Ratio Lower Upper
64 100
66 33.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.327 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion: 101 Resp: 9915
Ion Ratio Lower Upper
101 100
103 66.7 53.4 80.2

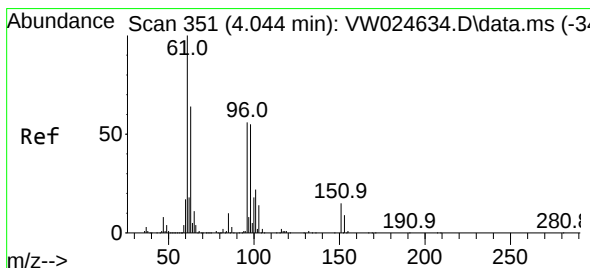
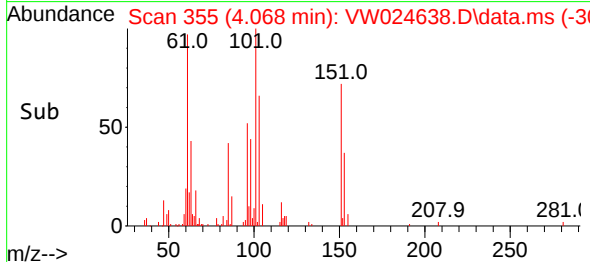
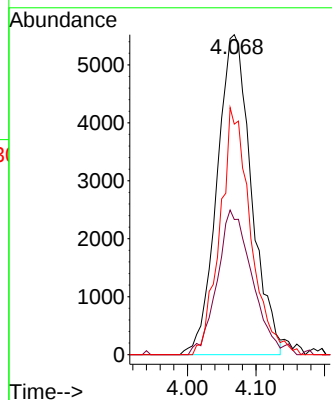
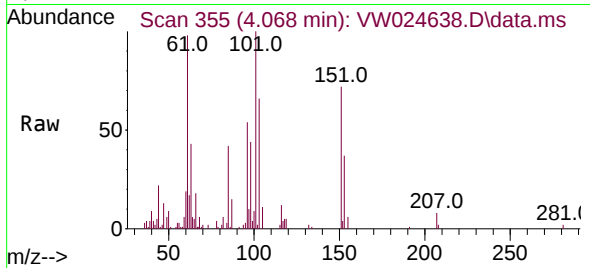




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.371 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024638.D
 Acq: 26 Sep 2022 16:13

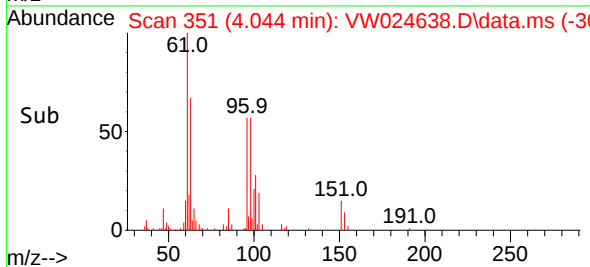
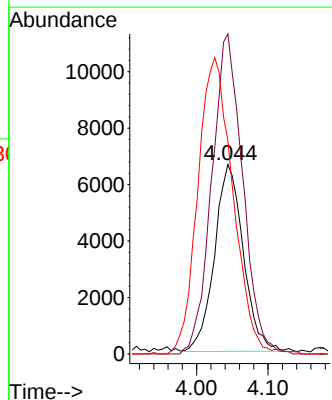
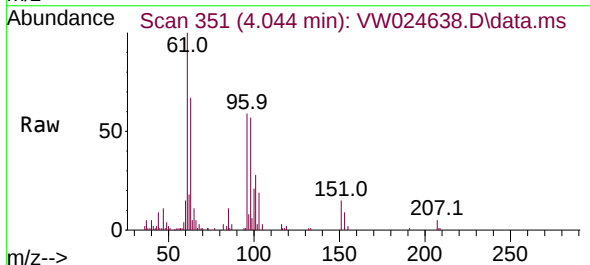
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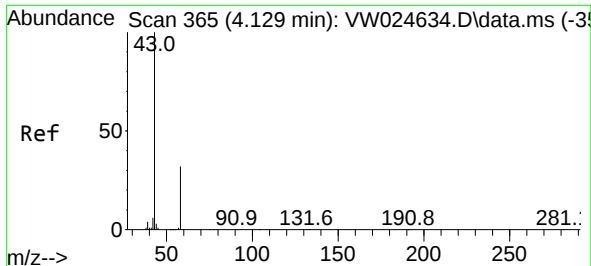
Tgt Ion: 101 Resp: 19270
 Ion Ratio Lower Upper
 101 100
 85 44.4 34.9 52.3
 151 68.8 30.9 46.3#



#12
 1,1-Dichloroethene
 Concen: 2.273 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024638.D
 Acq: 26 Sep 2022 16:13

Tgt Ion: 96 Resp: 18513
 Ion Ratio Lower Upper
 96 100
 61 168.9 124.5 231.1
 63 112.7 84.1 156.1

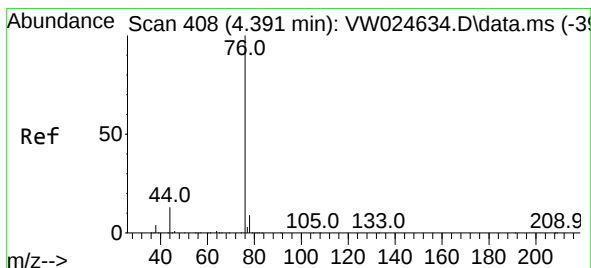
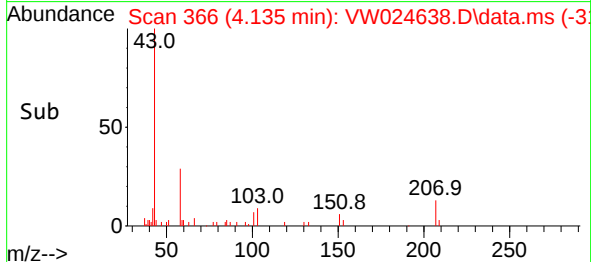
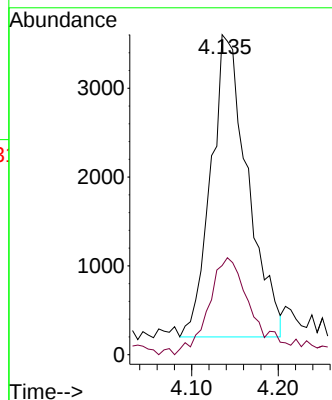
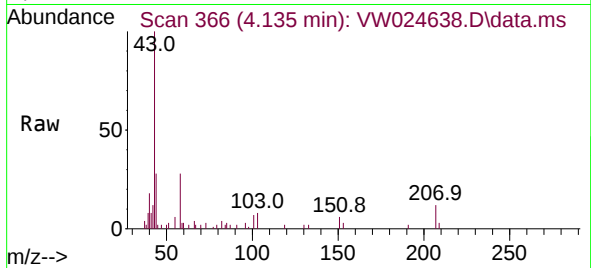




#13
Acetone
Concen: 5.879 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

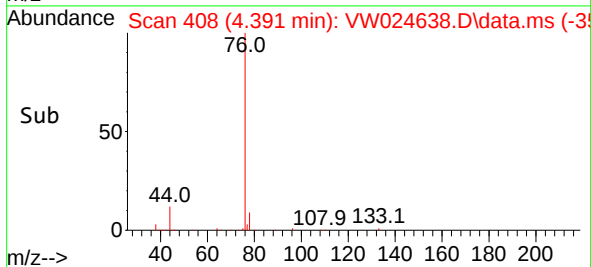
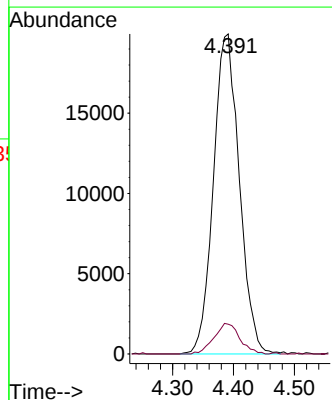
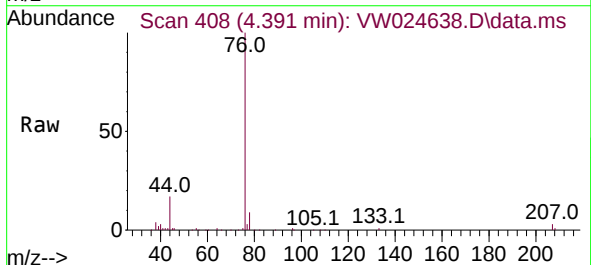
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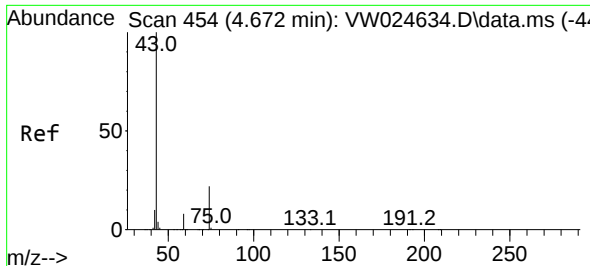
Tgt Ion: 43 Resp: 10024
Ion Ratio Lower Upper
43 100
58 32.5 0.0 67.6



#14
Carbon disulfide
Concen: 2.301 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion: 76 Resp: 58876
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

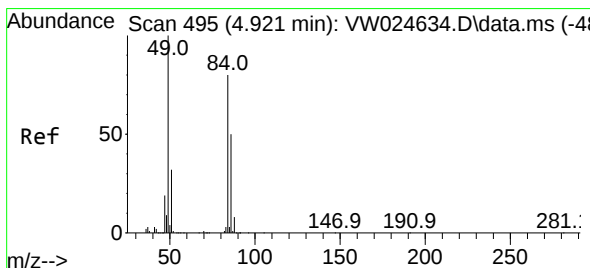
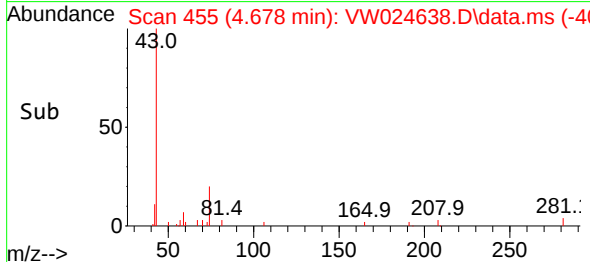
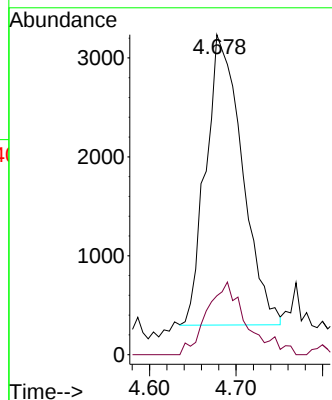
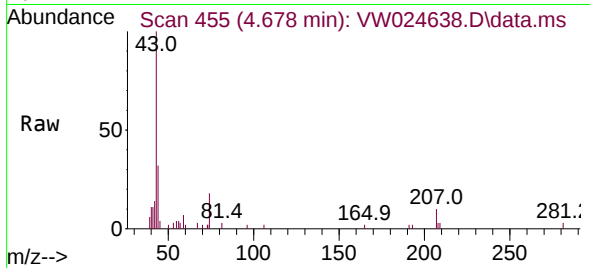




#15
Methyl Acetate
Concen: 2.236 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

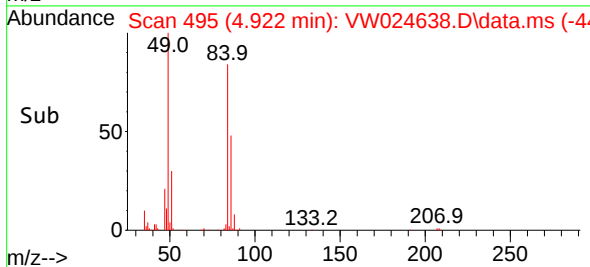
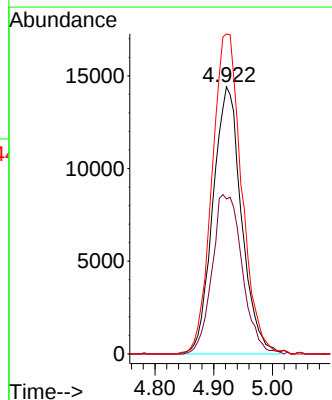
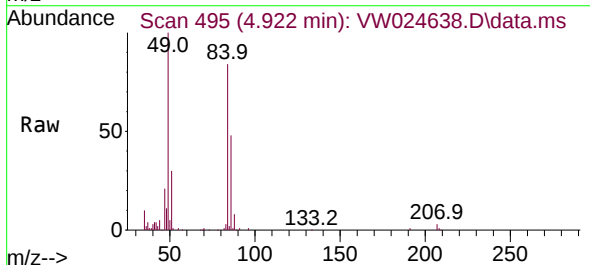
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5453

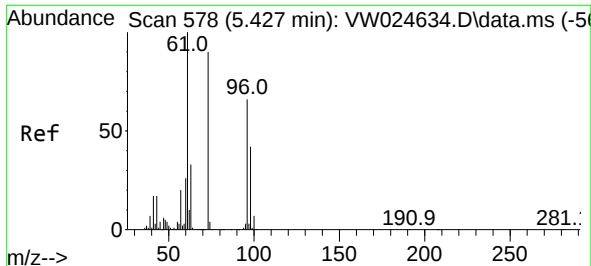
Tgt Ion: 43 Resp: 8556
Ion Ratio Lower Upper
43 100
74 24.1 18.1 27.1



#16
Methylene chloride
Concen: 4.009 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion: 84 Resp: 48772
Ion Ratio Lower Upper
84 100
86 58.0 44.0 81.8
49 119.7 87.4 162.2

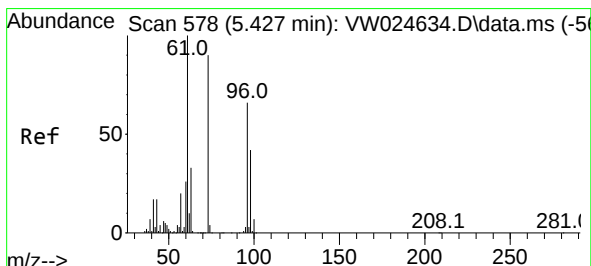
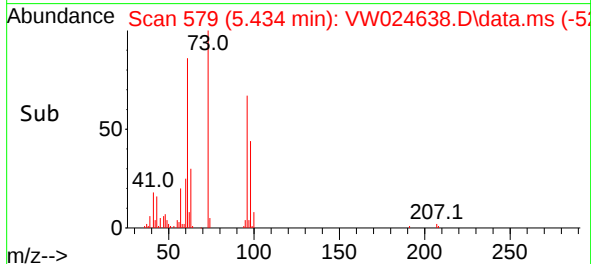
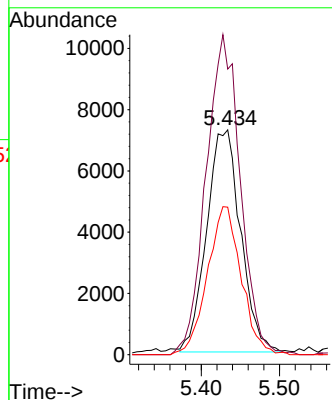
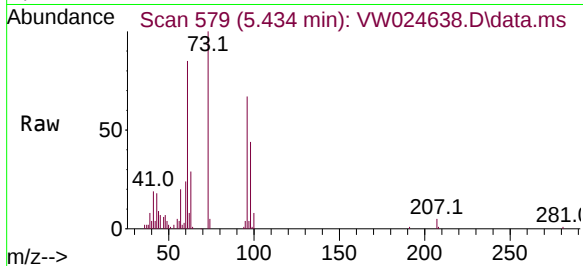




#17
trans-1,2-Dichloroethene
Concen: 2.410 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

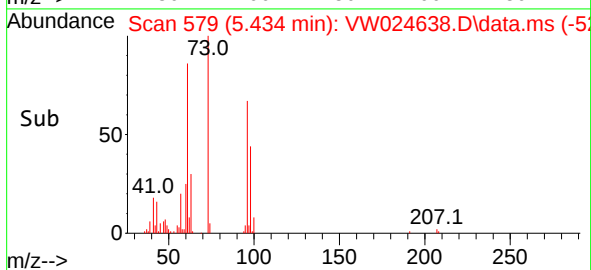
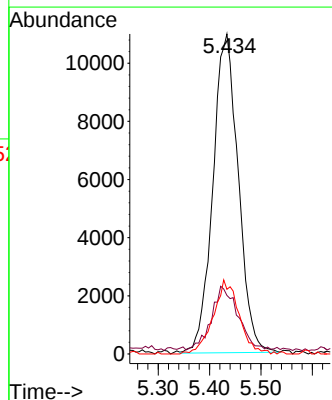
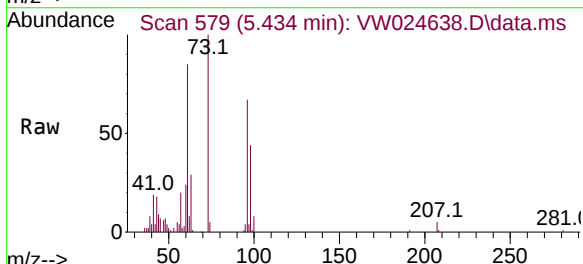
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5453

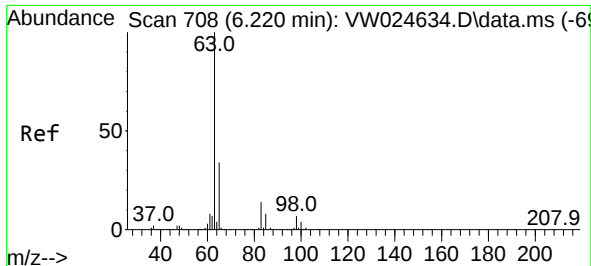
Tgt Ion: 96 Resp: 21911
Ion Ratio Lower Upper
96 100
61 127.1 106.3 197.5
98 65.6 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 2.608 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion: 73 Resp: 37621
Ion Ratio Lower Upper
73 100
43 14.1 15.6 23.4#
57 12.5 18.3 27.5#





#19

1,1-Dichloroethane

Concen: 2.466 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453

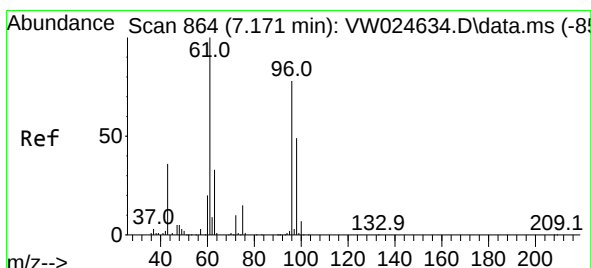
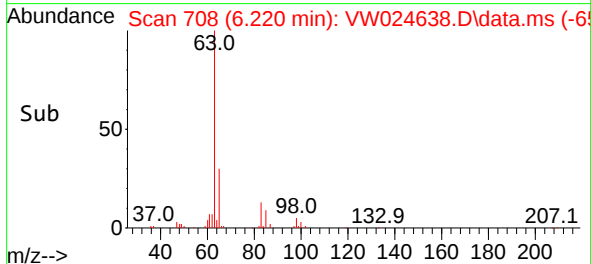
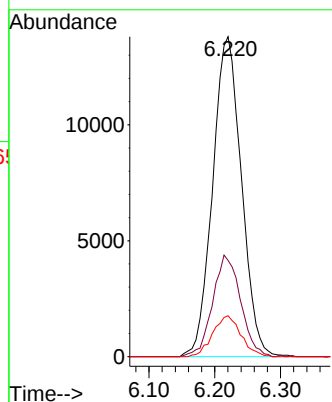
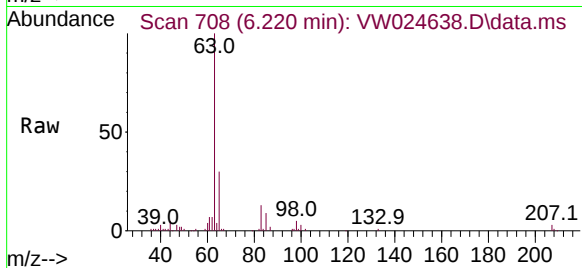
Tgt Ion: 63 Resp: 42016

Ion Ratio Lower Upper

63 100

65 30.1 23.7 43.9

83 12.8 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 2.442 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

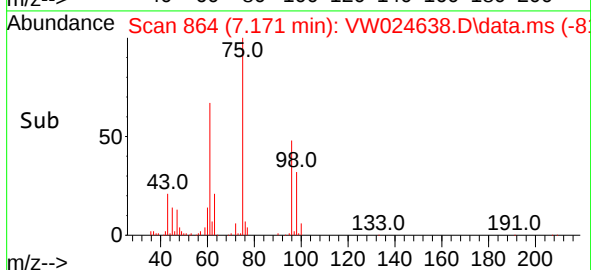
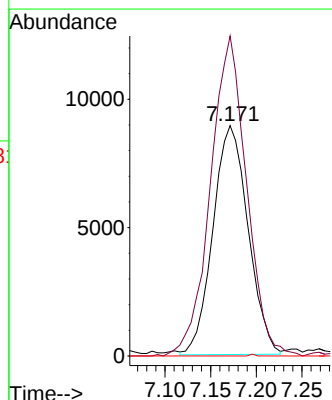
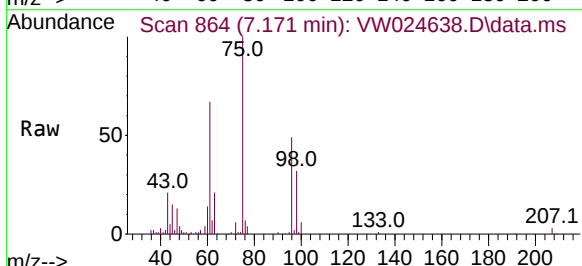
Tgt Ion: 96 Resp: 23857

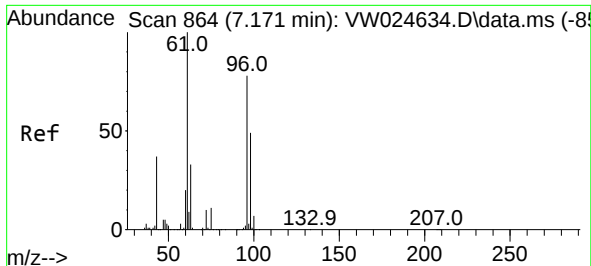
Ion Ratio Lower Upper

96 100

61 138.9 90.2 167.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 5.619 ug/L

RT: 7.189 min Scan# 864

Delta R.T. 0.018 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

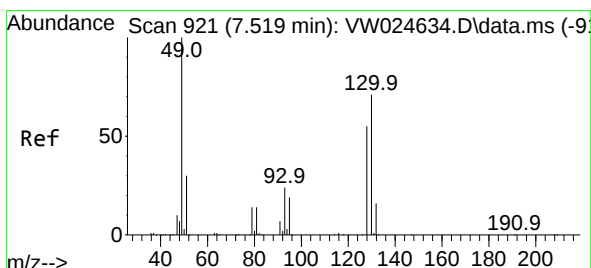
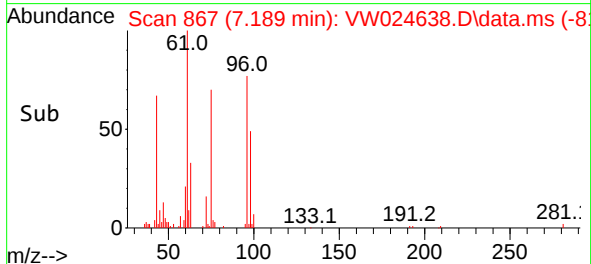
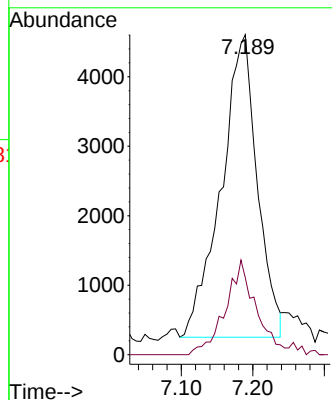
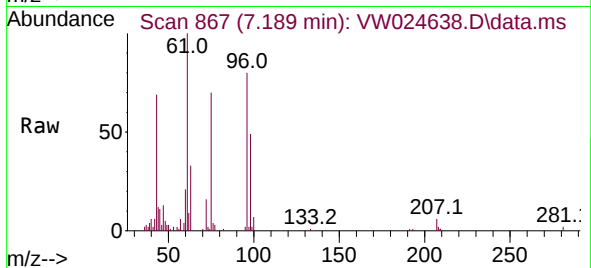
VSTD2.5453

Tgt Ion: 43 Resp: 15295

Ion Ratio Lower Upper

43 100

72 26.3 13.8 41.3



#23

Bromochloromethane

Concen: 2.506 ug/L

RT: 7.513 min Scan# 920

Delta R.T. -0.006 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Tgt Ion: 128 Resp: 9950

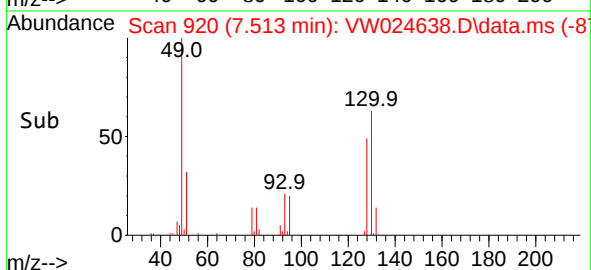
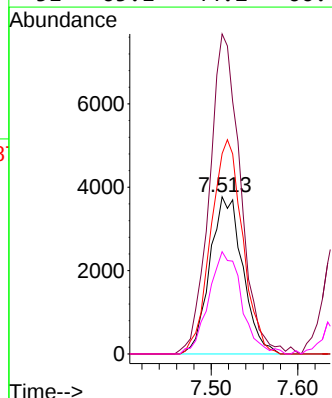
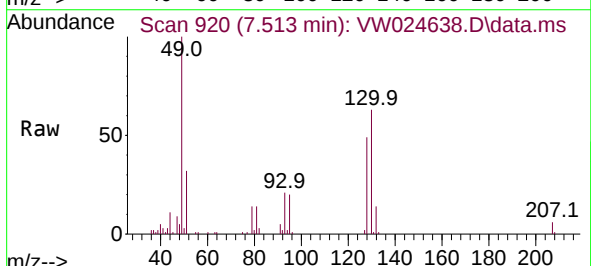
Ion Ratio Lower Upper

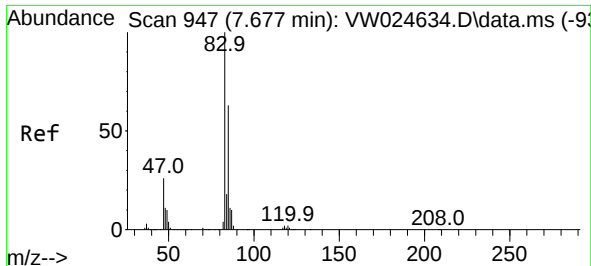
128 100

49 203.6 127.3 236.3

130 127.4 90.2 167.4

51 65.1 44.2 66.4





#25

Chloroform

Concen: 2.479 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

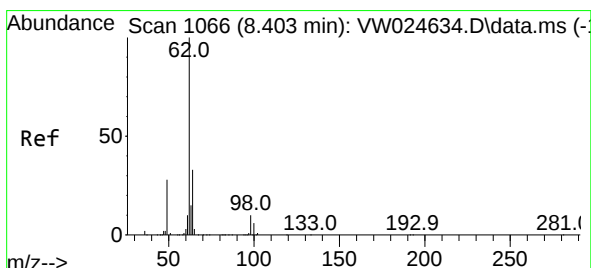
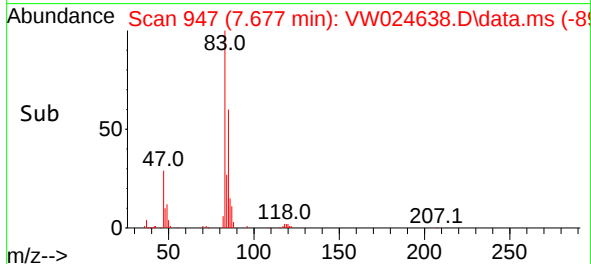
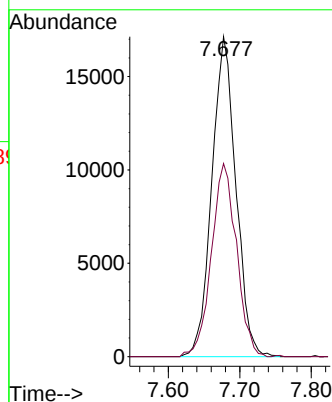
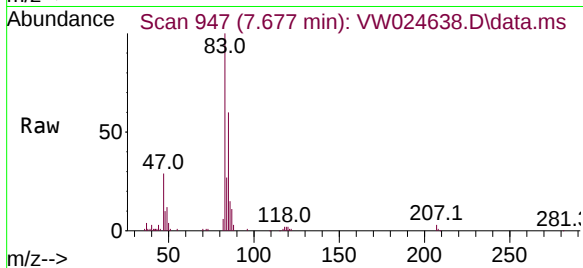
VSTD2.5453

Tgt Ion: 83 Resp: 40046

Ion Ratio Lower Upper

83 100

85 60.3 44.0 81.8



#27

1,2-Dichloroethane

Concen: 2.508 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW024638.D

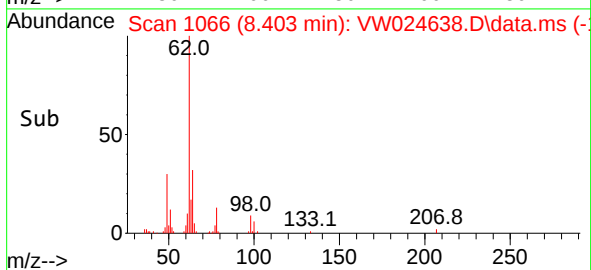
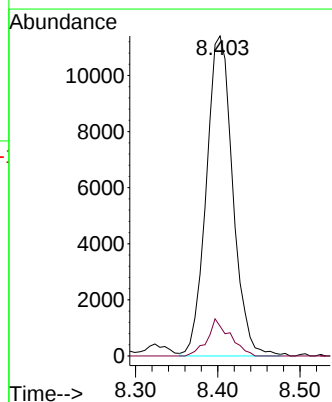
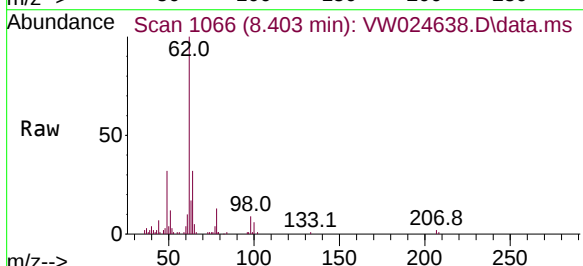
Acq: 26 Sep 2022 16:13

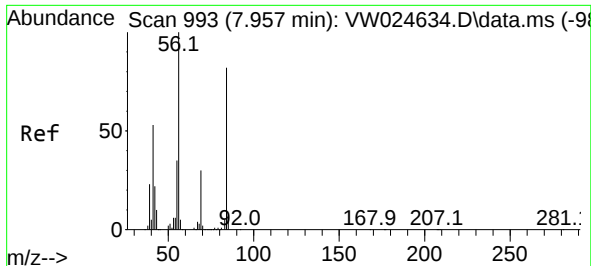
Tgt Ion: 62 Resp: 25499

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8





#29

Cyclohexane

Concen: 2.411 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453

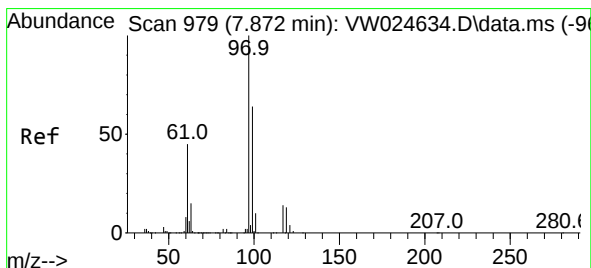
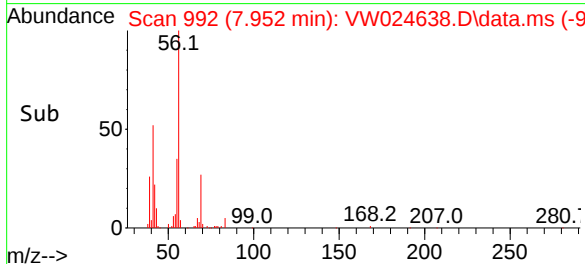
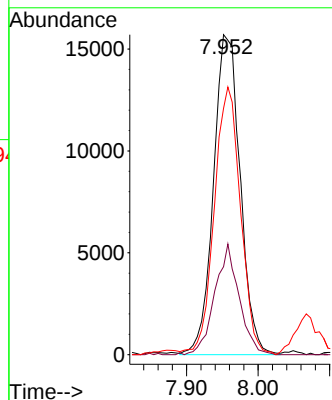
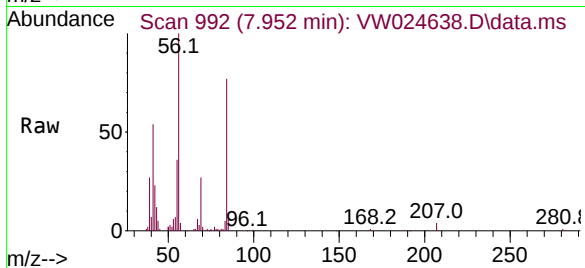
Tgt Ion: 56 Resp: 40805

Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.4

84 81.6 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 2.464 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

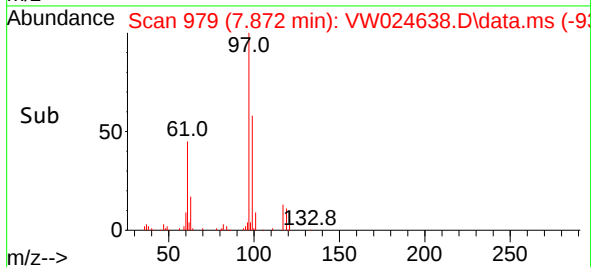
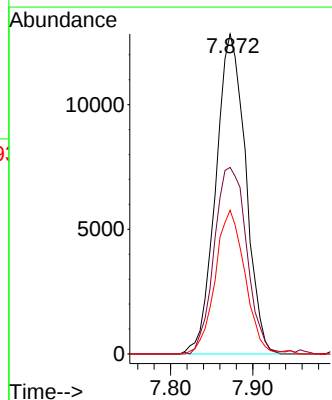
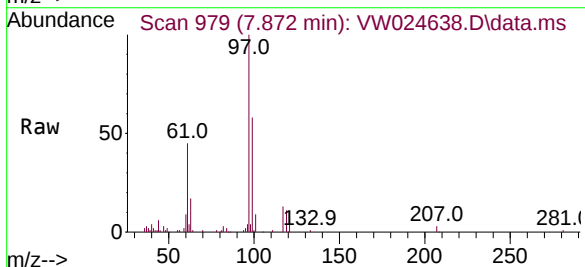
Tgt Ion: 97 Resp: 32374

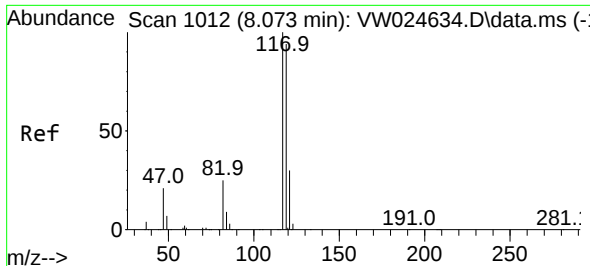
Ion Ratio Lower Upper

97 100

99 63.6 51.1 76.7

61 44.6 35.8 53.6

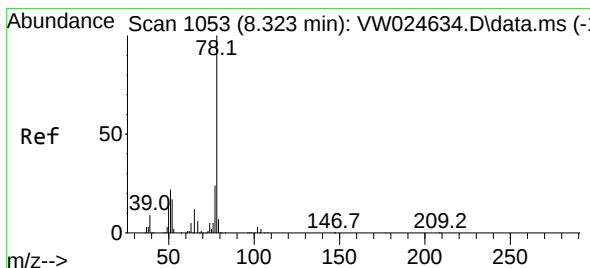
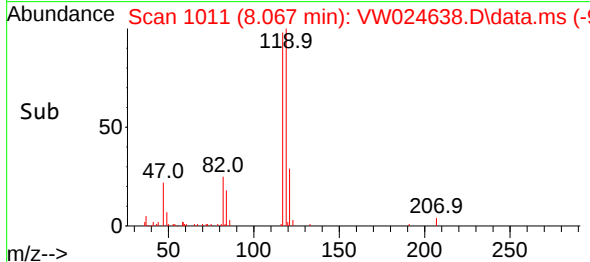
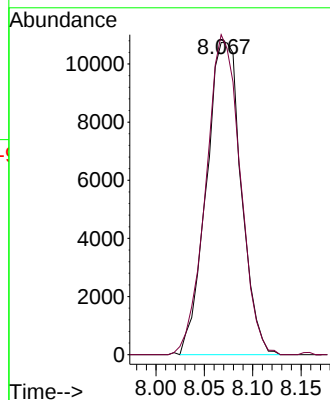
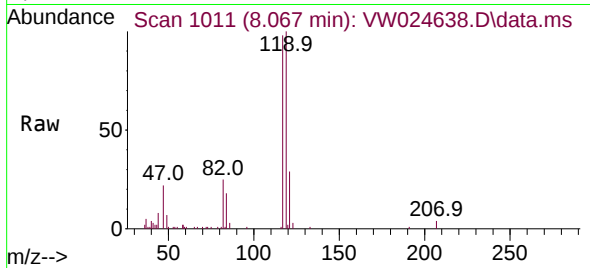




#31
Carbon tetrachloride
Concen: 2.421 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

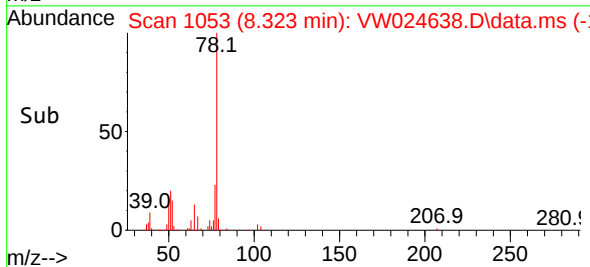
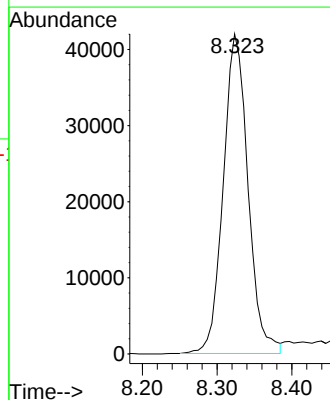
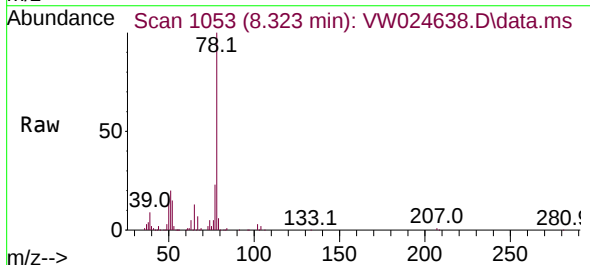
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5453

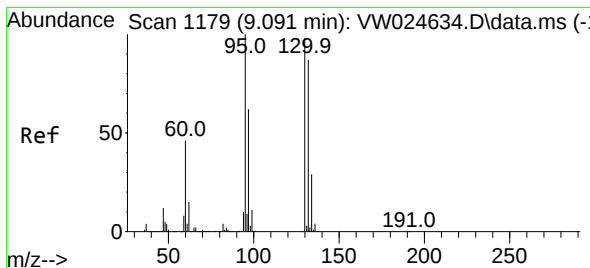
Tgt Ion:117 Resp: 26937
Ion Ratio Lower Upper
117 100
119 100.8 76.2 114.2



#33
Benzene
Concen: 2.548 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion: 78 Resp: 96842





#34

Trichloroethene

Concen: 2.454 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453

Tgt Ion: 95 Resp: 23635

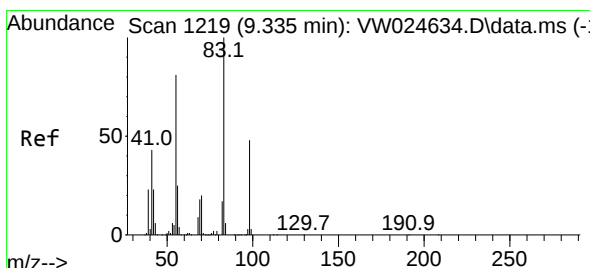
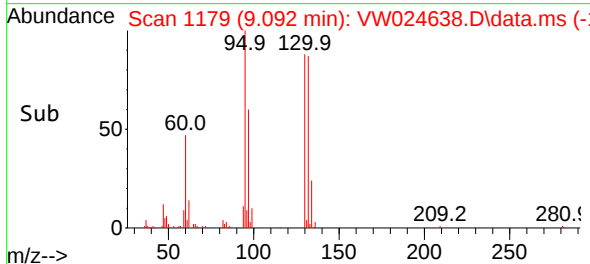
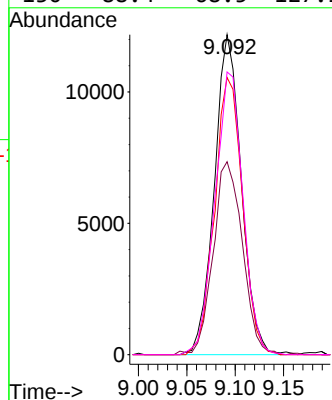
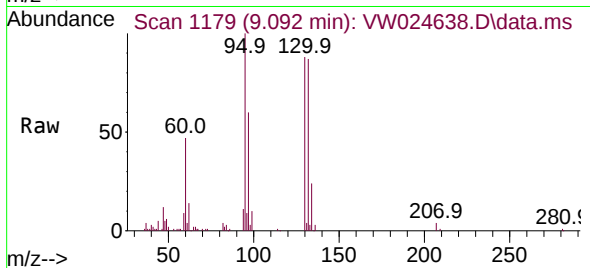
Ion Ratio Lower Upper

95 100

97 60.3 43.5 80.9

132 86.6 61.2 113.8

130 88.4 68.5 127.1



#35

Methylcyclohexane

Concen: 2.381 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

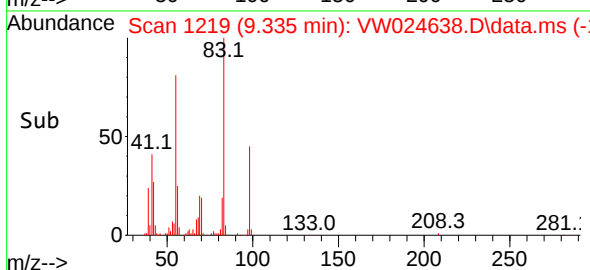
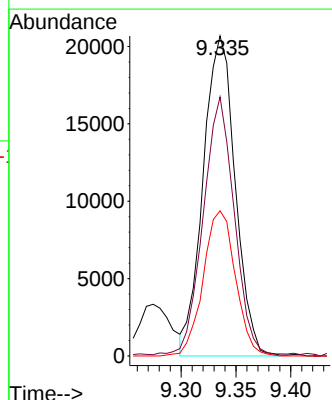
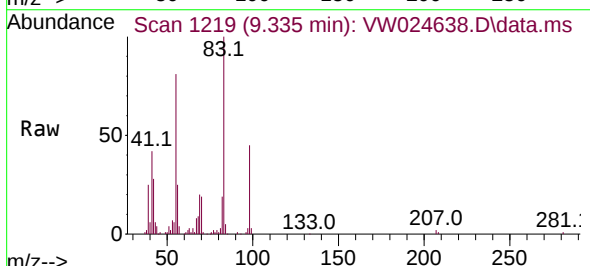
Tgt Ion: 83 Resp: 42037

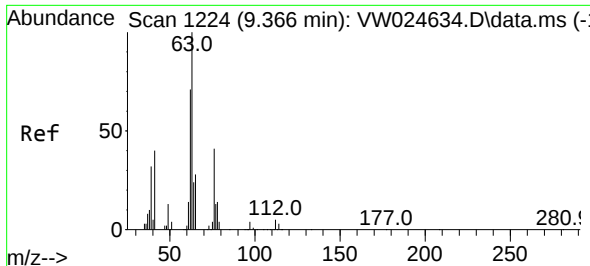
Ion Ratio Lower Upper

83 100

55 78.2 63.1 94.7

98 45.6 38.3 57.5





#37

1,2-Dichloropropane

Concen: 2.488 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

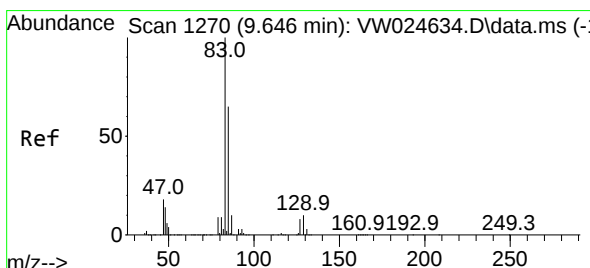
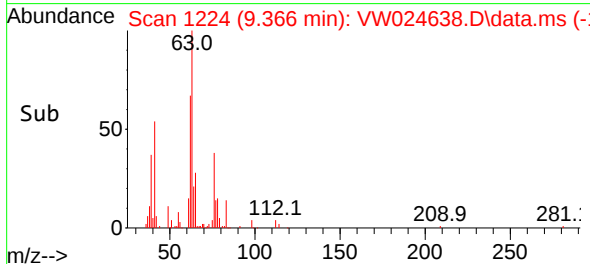
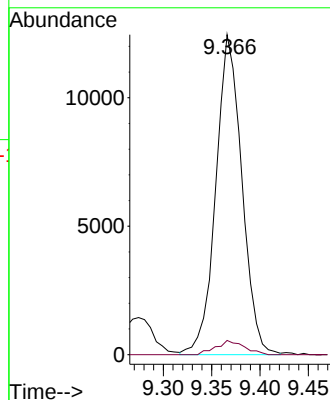
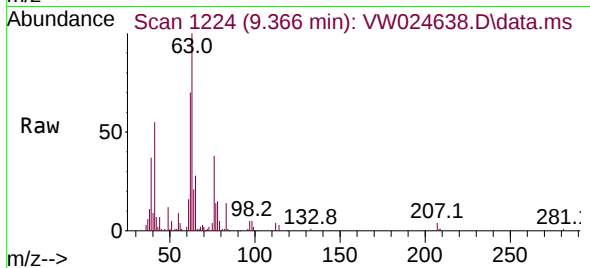
VSTD2.5453

Tgt Ion: 63 Resp: 23348

Ion Ratio Lower Upper

63 100

112 4.8 3.6 5.4



#38

Bromodichloromethane

Concen: 2.434 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

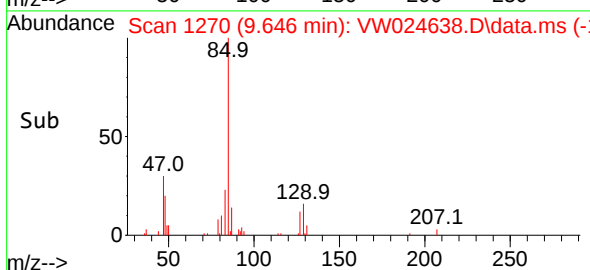
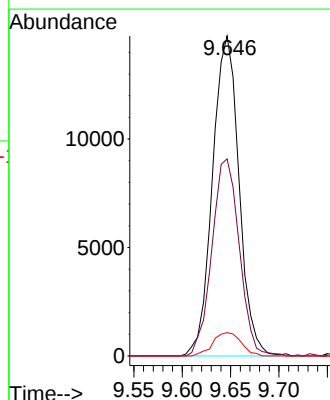
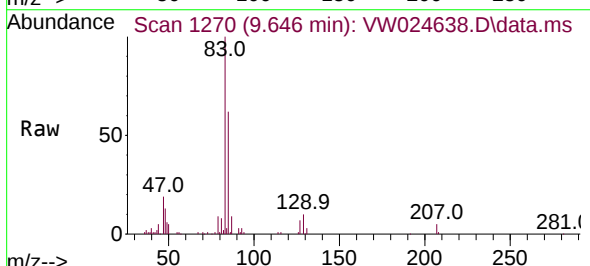
Tgt Ion: 83 Resp: 28093

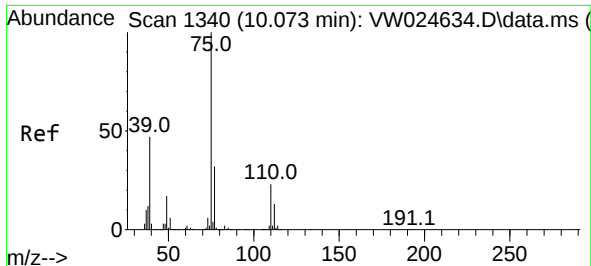
Ion Ratio Lower Upper

83 100

85 61.6 45.6 84.8

127 7.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 2.413 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

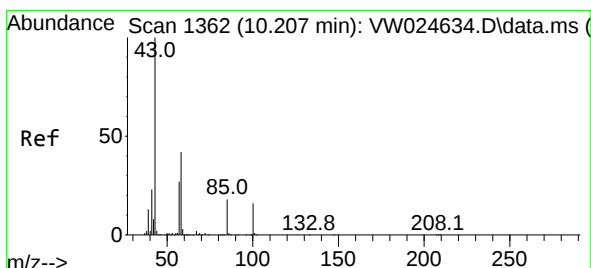
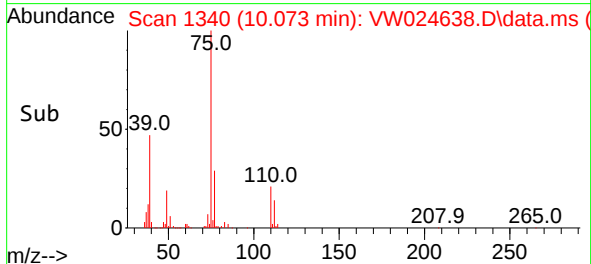
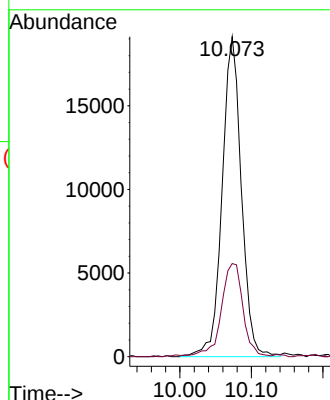
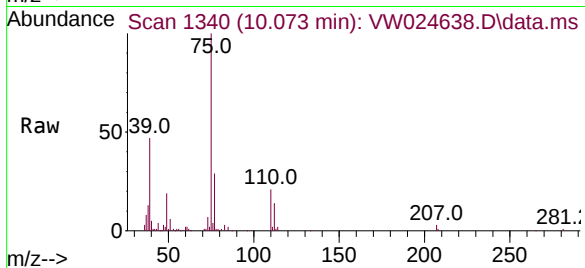
VSTD2.5453

Tgt Ion: 75 Resp: 35803

Ion Ratio Lower Upper

75 100

77 29.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 5.040 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

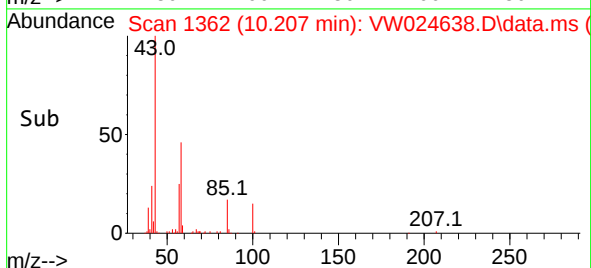
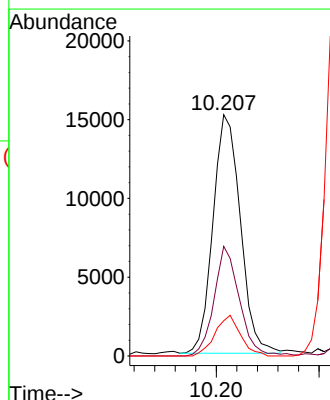
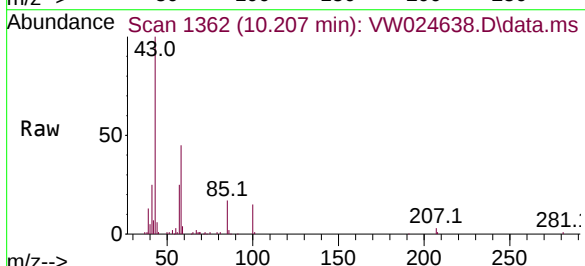
Tgt Ion: 43 Resp: 27993

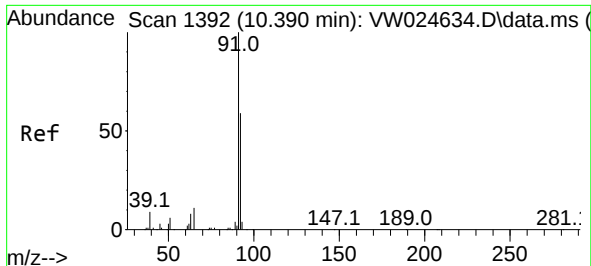
Ion Ratio Lower Upper

43 100

58 42.5 32.9 49.3

100 15.9 12.6 19.0

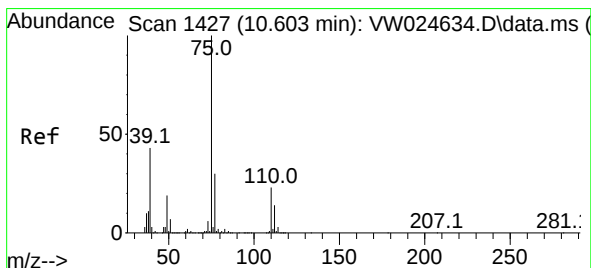
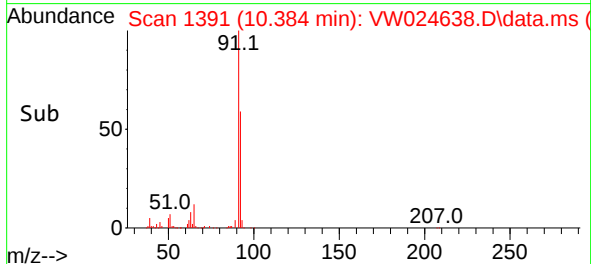
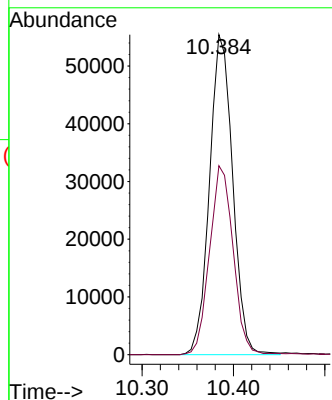
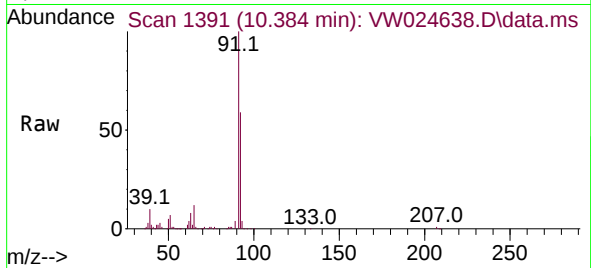




#42
Toluene
Concen: 2.489 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

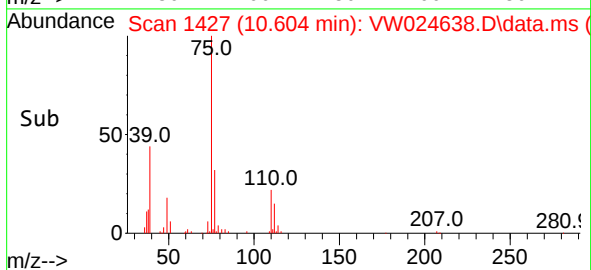
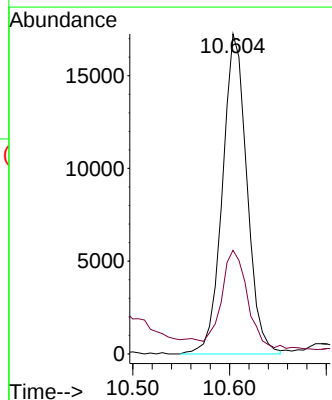
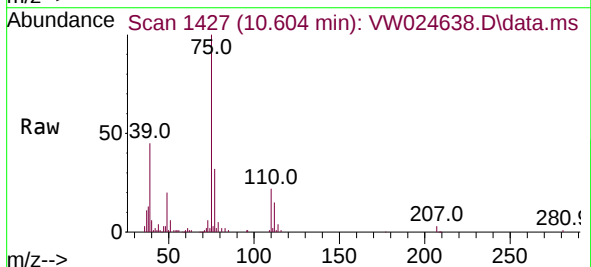
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5453

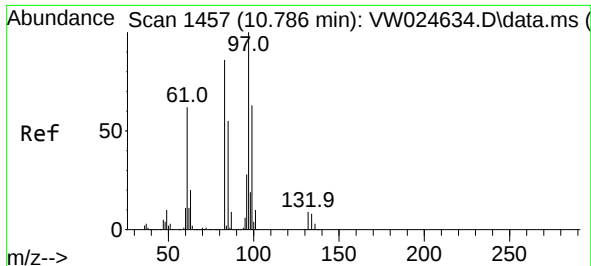
Tgt Ion: 91 Resp: 97674
Ion Ratio Lower Upper
91 100
92 59.0 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 2.381 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion: 75 Resp: 30285
Ion Ratio Lower Upper
75 100
77 32.4 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 2.462 ug/L

RT: 10.780 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453

Tgt Ion: 97 Resp: 15780

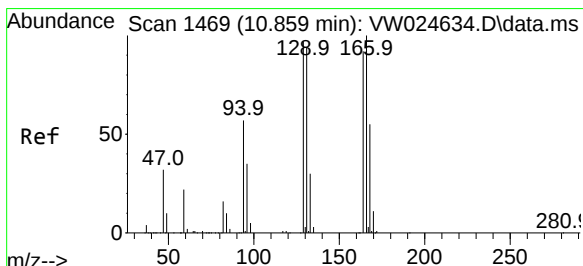
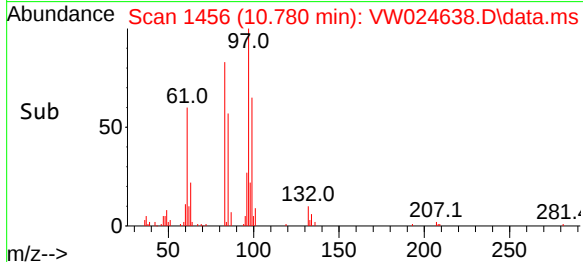
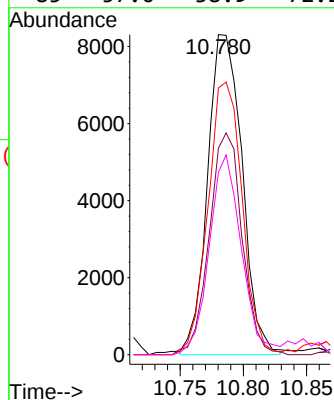
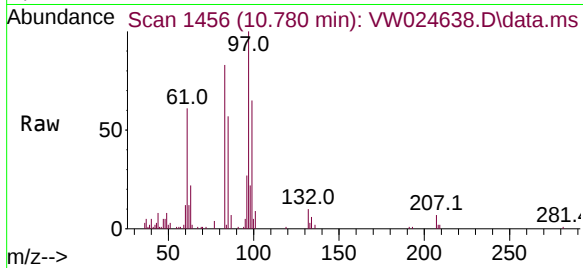
Ion Ratio Lower Upper

97 100

99 64.5 43.8 81.4

83 83.4 60.1 111.5

85 57.0 38.9 72.2



#46

Tetrachloroethene

Concen: 2.392 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Tgt Ion:164 Resp: 15656

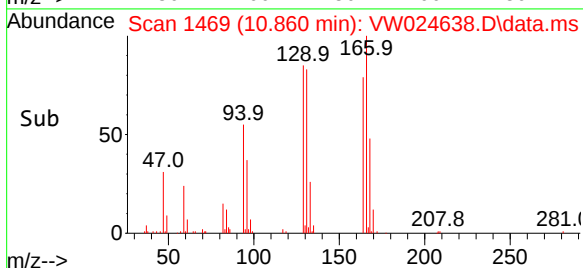
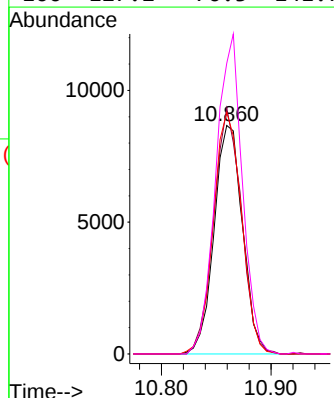
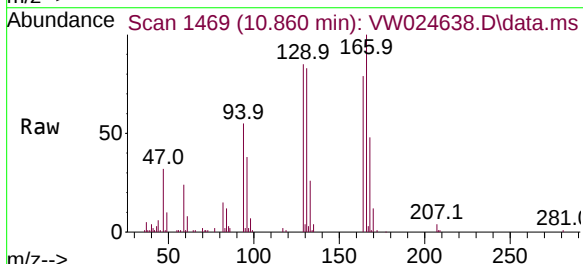
Ion Ratio Lower Upper

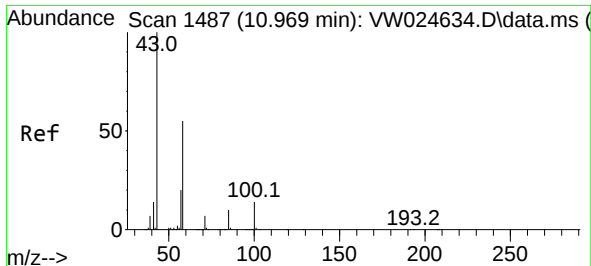
164 100

129 107.6 74.1 137.5

131 105.7 71.5 132.7

166 127.2 76.3 141.7

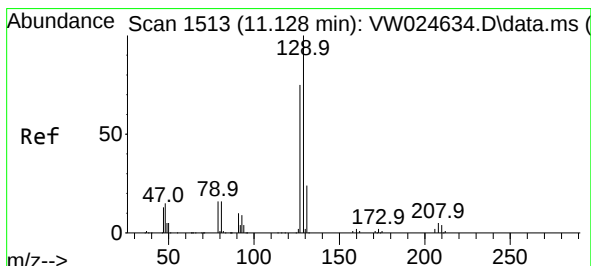
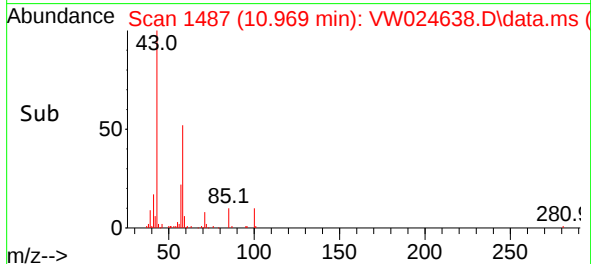
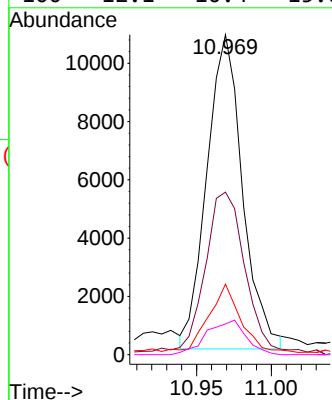
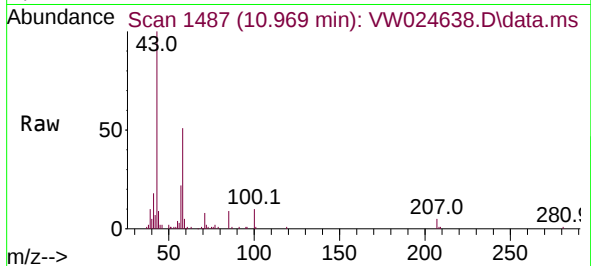




#48
2-Hexanone
Concen: 4.764 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

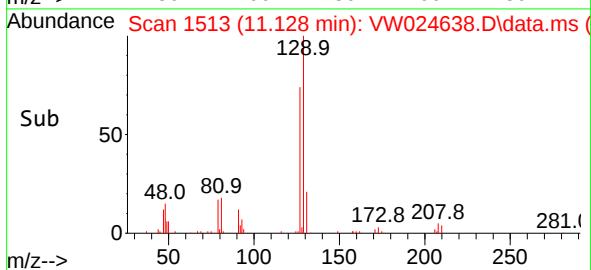
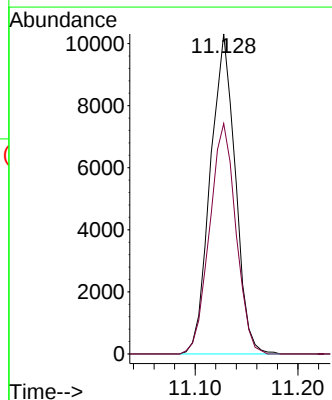
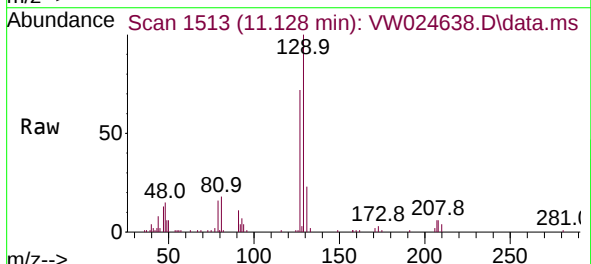
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5453

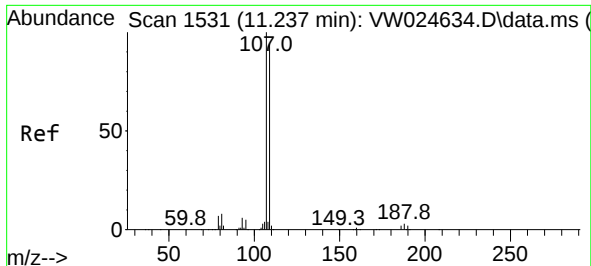
Tgt Ion:	43	Resp:	17890
Ion	Ratio	Lower	Upper
43	100		
58	57.8	45.3	67.9
57	21.6	16.3	24.5
100	12.1	10.4	15.6



#49
Dibromochloromethane
Concen: 2.406 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion:	129	Resp:	17365
Ion	Ratio	Lower	Upper
129	100		
127	72.0	52.4	97.4





#50

1,2-Dibromoethane

Concen: 2.475 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453

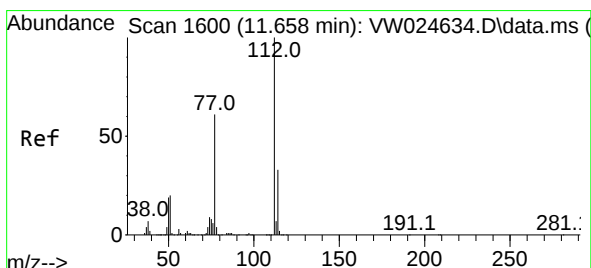
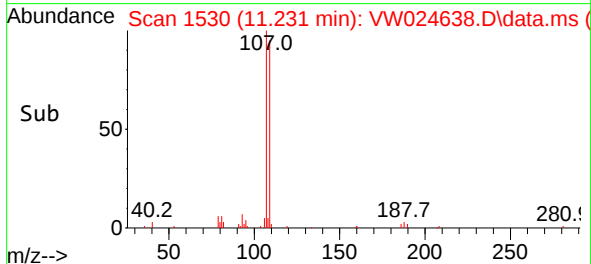
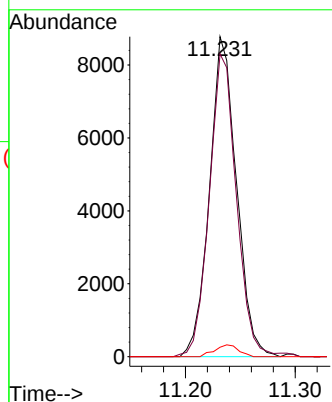
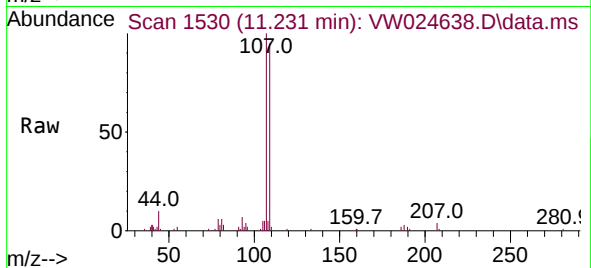
Tgt Ion:107 Resp: 15013

Ion Ratio Lower Upper

107 100

109 94.6 65.5 121.7

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 2.484 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

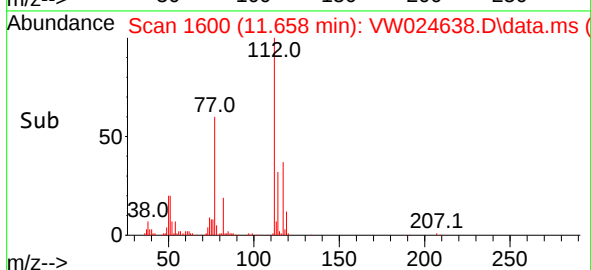
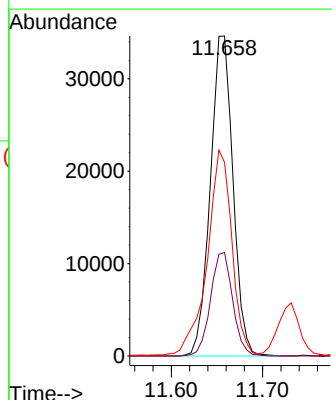
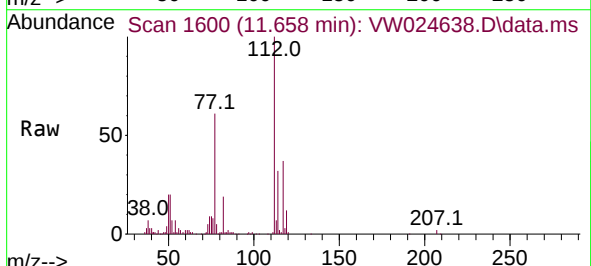
Tgt Ion:112 Resp: 59695

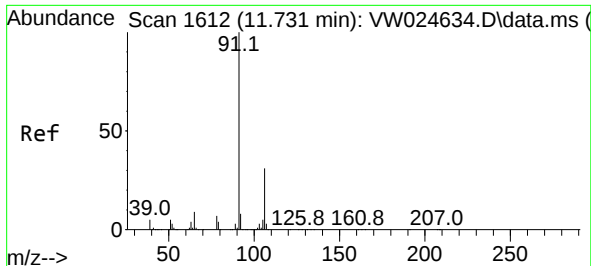
Ion Ratio Lower Upper

112 100

114 32.4 23.3 43.3

77 60.5 49.1 73.7

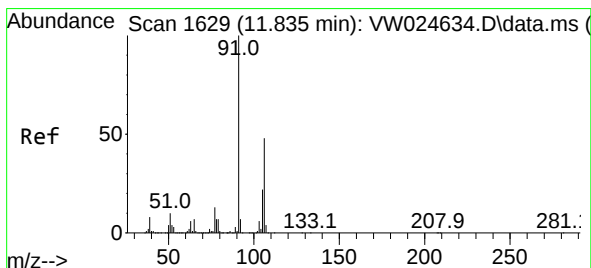
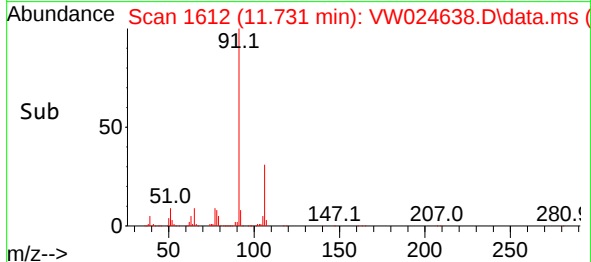
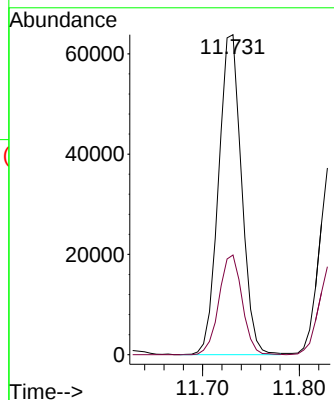
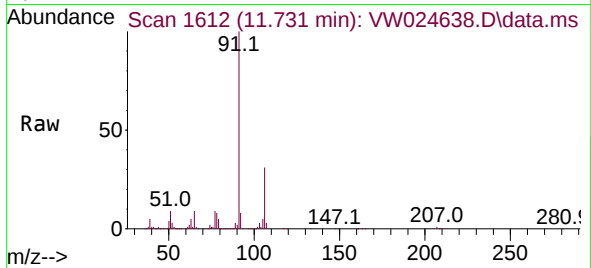




#52
Ethylbenzene
Concen: 2.436 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

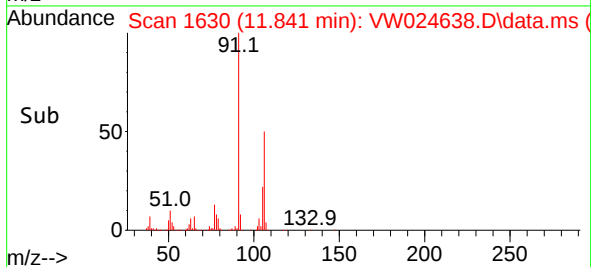
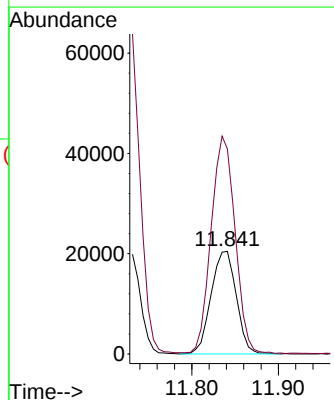
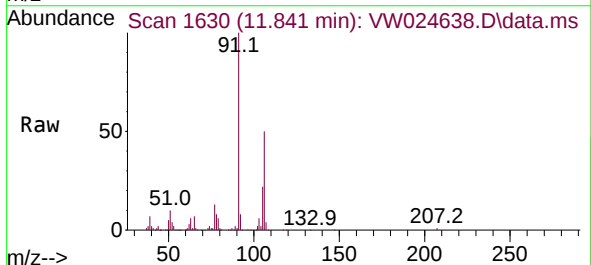
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5453

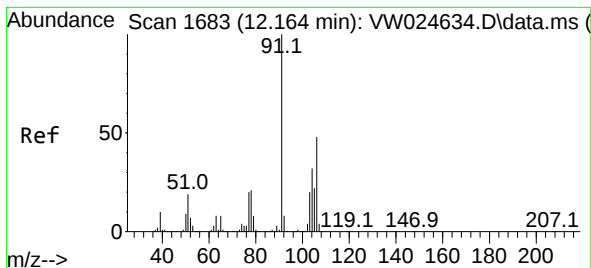
Tgt Ion: 91 Resp: 105332
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 2.453 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion: 106 Resp: 41414
Ion Ratio Lower Upper
106 100
91 199.6 146.8 272.6





#54

o-Xylene

Concen: 2.465 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

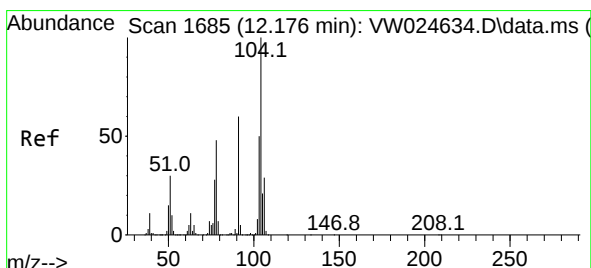
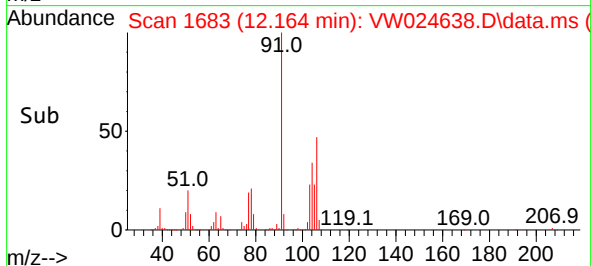
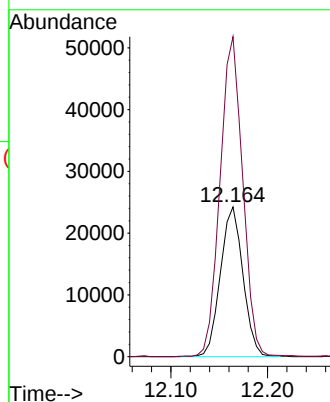
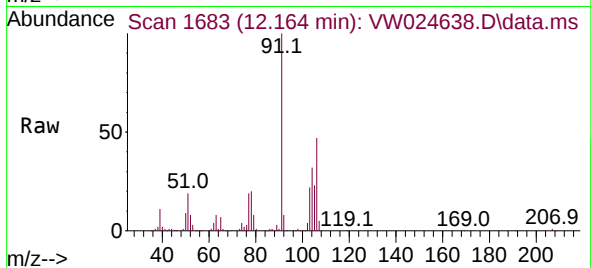
VSTD2.5453

Tgt Ion:106 Resp: 39300

Ion Ratio Lower Upper

106 100

91 213.8 146.3 271.7



#55

Styrene

Concen: 2.435 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024638.D

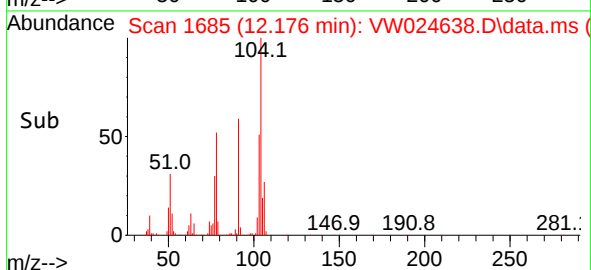
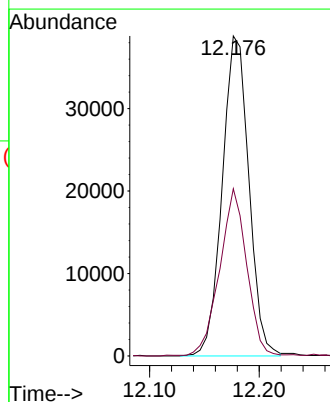
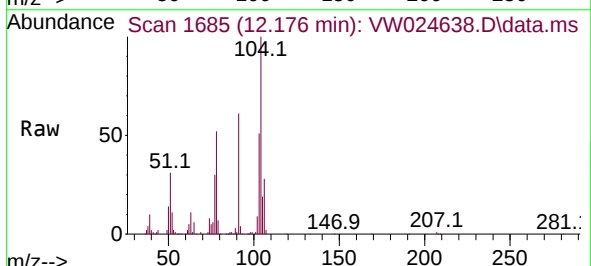
Acq: 26 Sep 2022 16:13

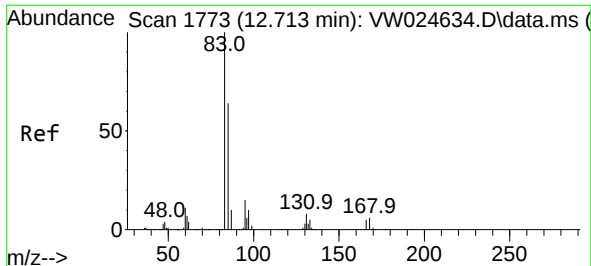
Tgt Ion:104 Resp: 65430

Ion Ratio Lower Upper

104 100

78 52.2 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 2.514 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453

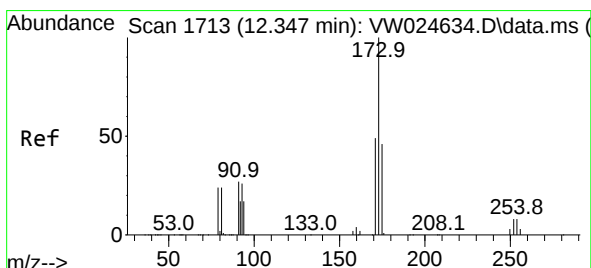
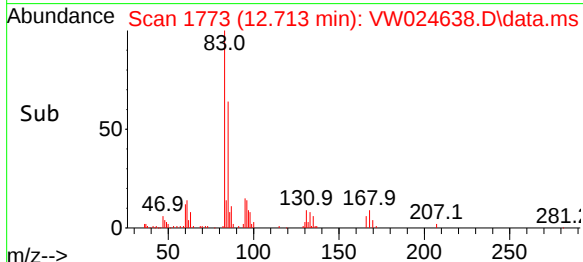
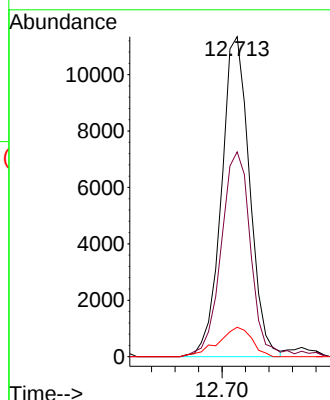
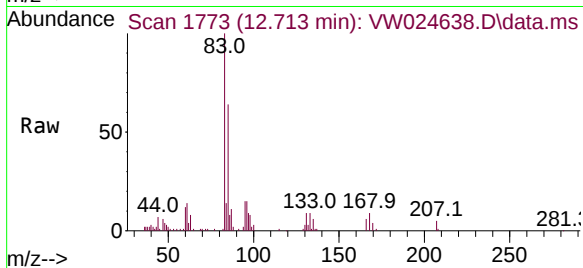
Tgt Ion: 83 Resp: 18865

Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0

131 9.2 7.3 10.9



#59

Bromoform

Concen: 2.405 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

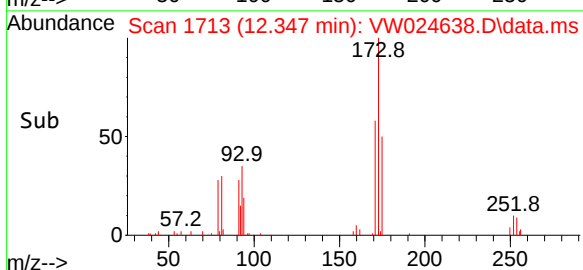
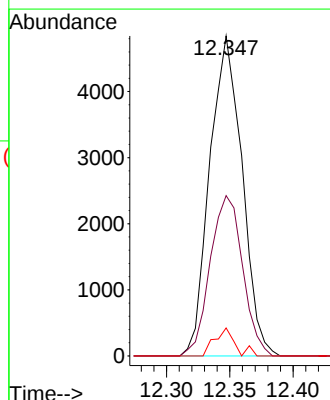
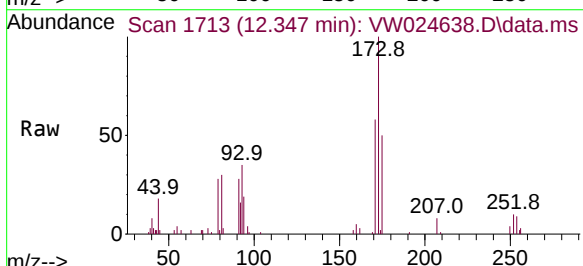
Tgt Ion: 173 Resp: 8609

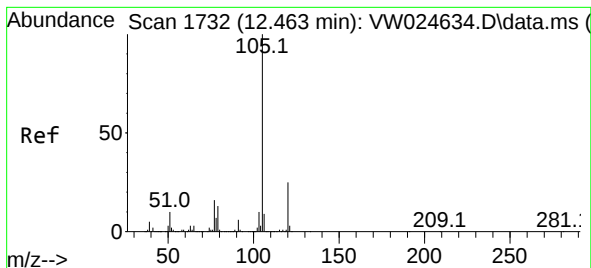
Ion Ratio Lower Upper

173 100

175 50.3 37.7 56.5

254 4.9 6.7 10.1#





#60

Isopropylbenzene

Concen: 2.539 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453

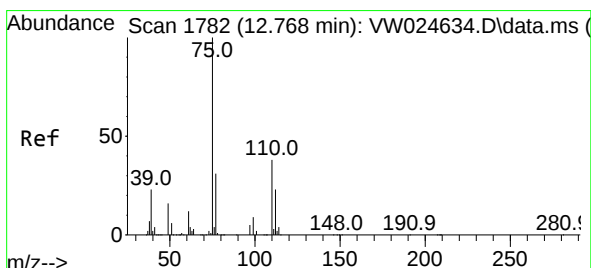
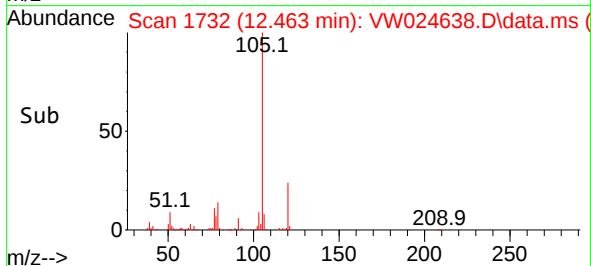
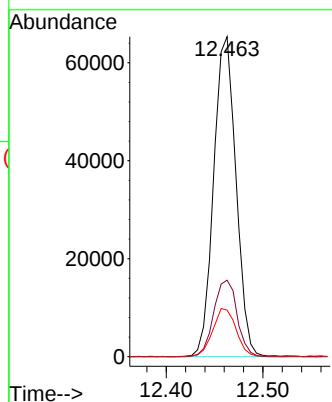
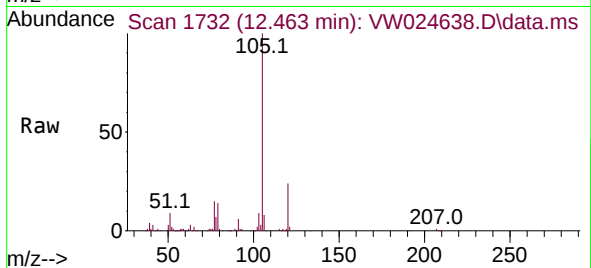
Tgt Ion:105 Resp: 104804

Ion Ratio Lower Upper

105 100

120 25.1 20.9 31.3

77 15.9 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 2.611 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

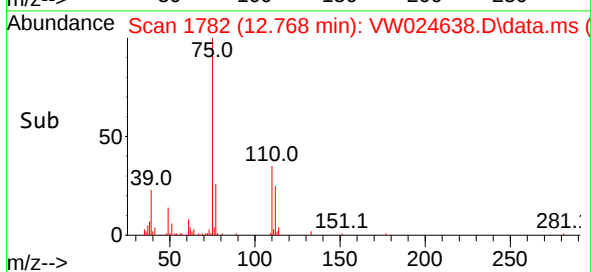
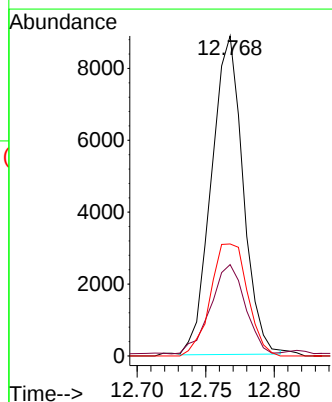
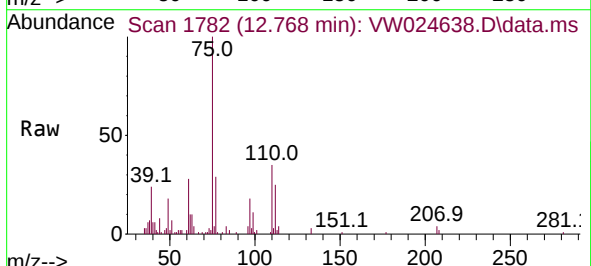
Tgt Ion: 75 Resp: 14246

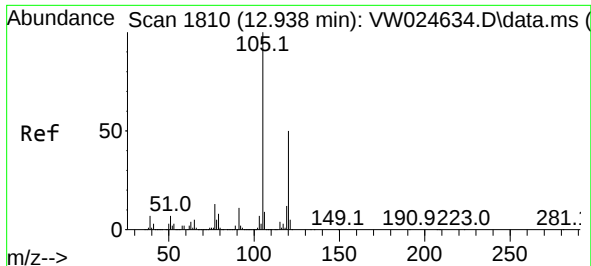
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6

110 41.1 29.2 43.8

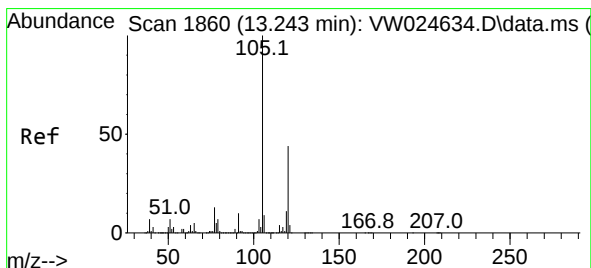
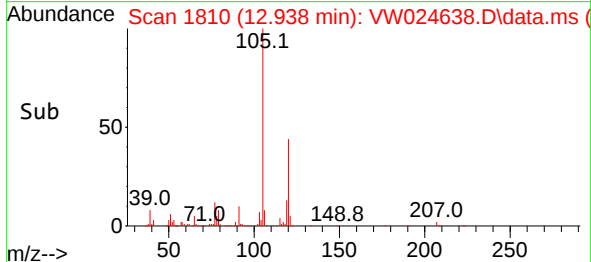
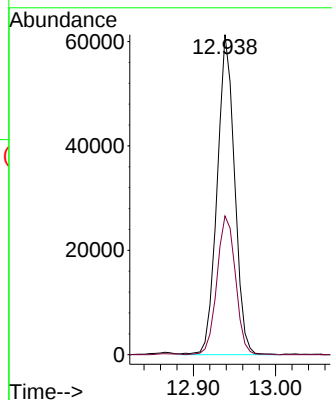
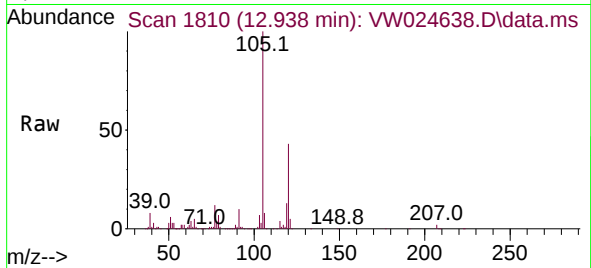




#62
1,3,5-Trimethylbenzene
Concen: 2.520 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

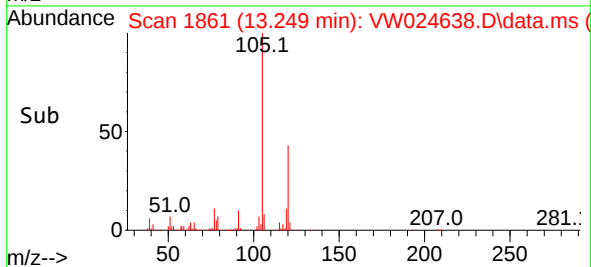
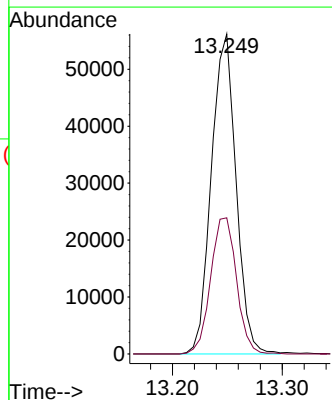
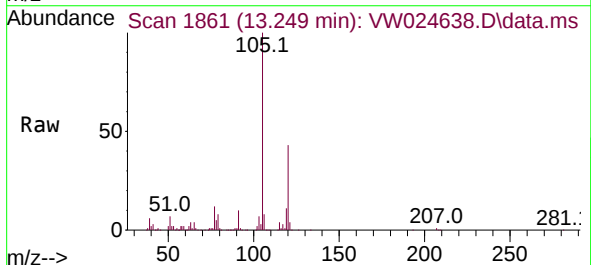
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5453

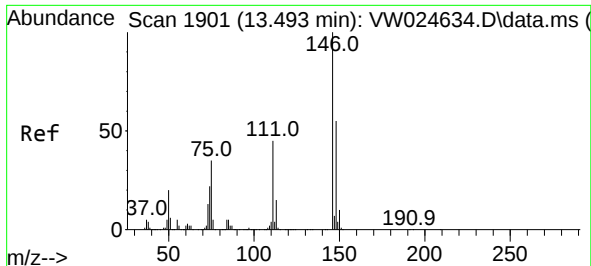
Tgt Ion:105 Resp: 90399
Ion Ratio Lower Upper
105 100
120 46.0 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 2.503 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion:105 Resp: 87973
Ion Ratio Lower Upper
105 100
120 44.5 35.2 52.8

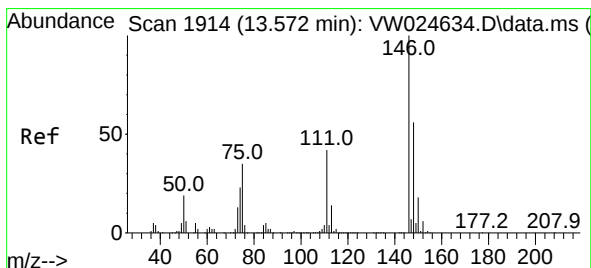
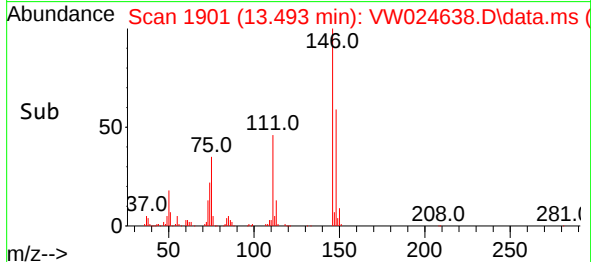
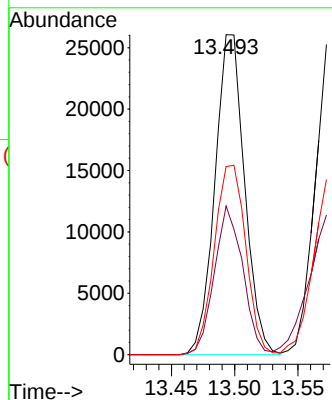
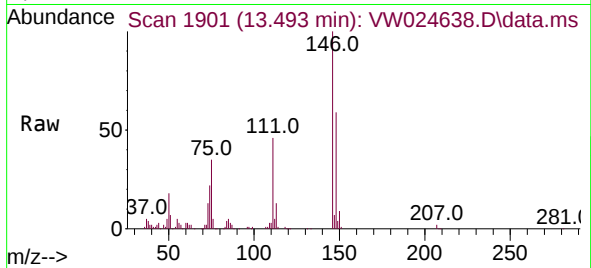




#64
1,3-Dichlorobenzene
Concen: 2.542 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

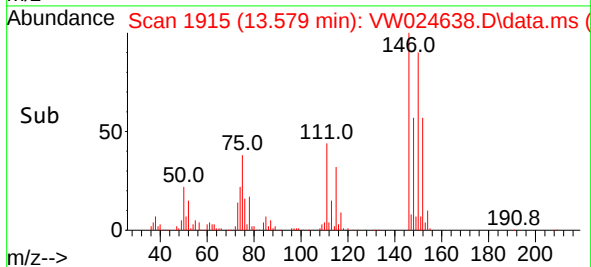
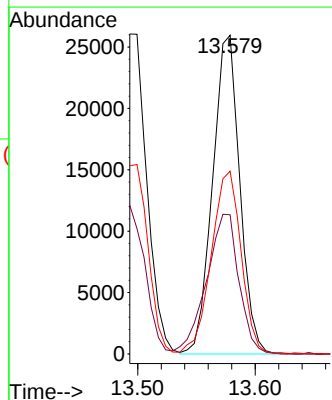
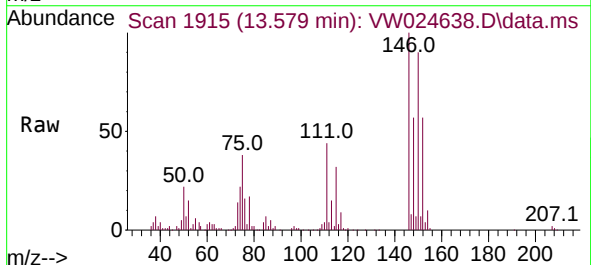
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5453

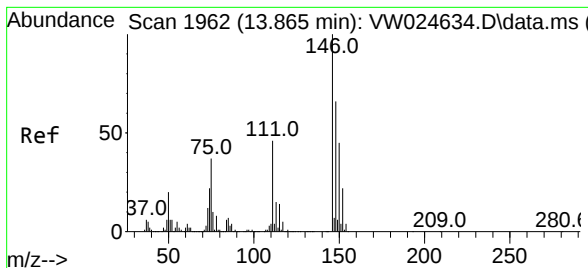
Tgt Ion:146 Resp: 42630
Ion Ratio Lower Upper
146 100
111 46.5 31.6 58.6
148 58.8 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 2.556 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024638.D
Acq: 26 Sep 2022 16:13

Tgt Ion:146 Resp: 41718
Ion Ratio Lower Upper
146 100
111 43.7 29.4 54.6
148 57.4 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 2.565 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453

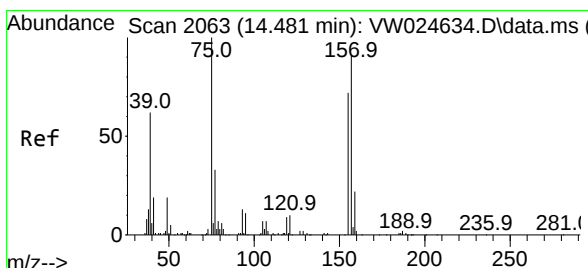
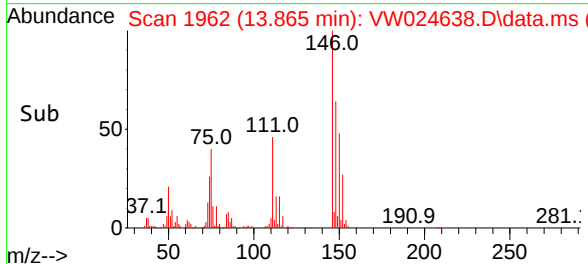
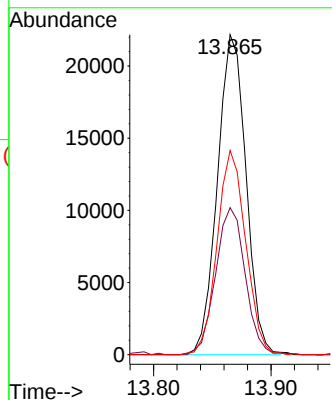
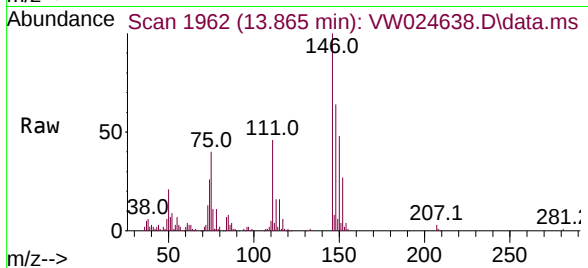
Tgt Ion:146 Resp: 37467

Ion Ratio Lower Upper

146 100

111 45.9 37.2 55.8

148 63.8 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.620 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

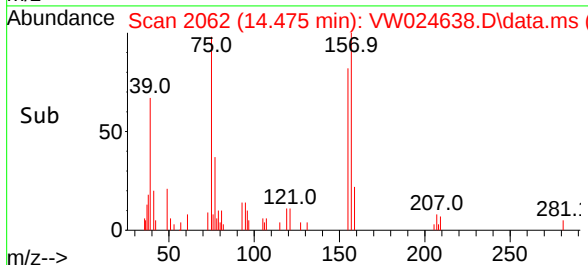
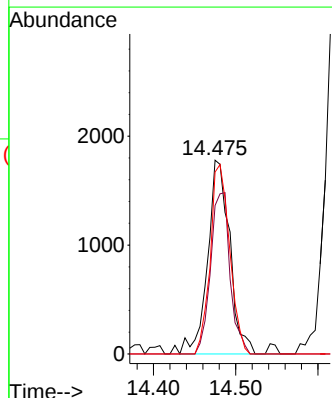
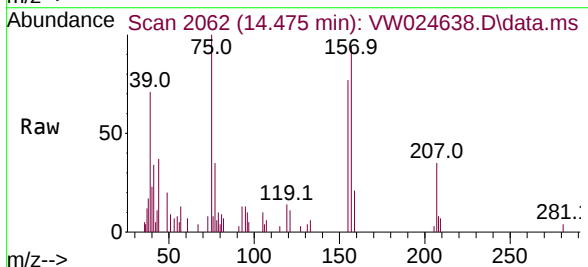
Tgt Ion: 75 Resp: 3380

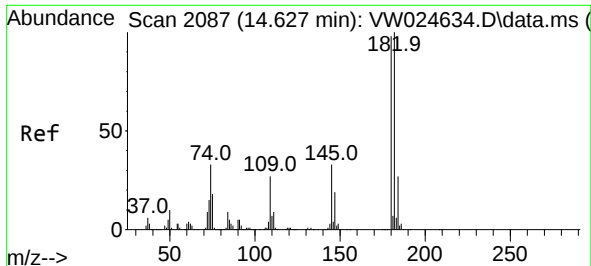
Ion Ratio Lower Upper

75 100

155 76.7 57.6 86.4

157 93.9 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 2.453 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024638.D

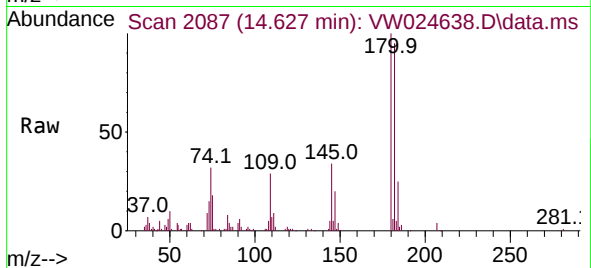
Acq: 26 Sep 2022 16:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453



Tgt Ion:180 Resp: 27312

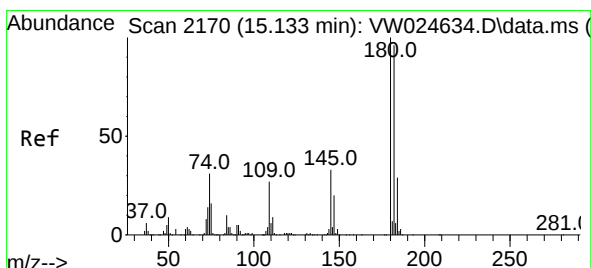
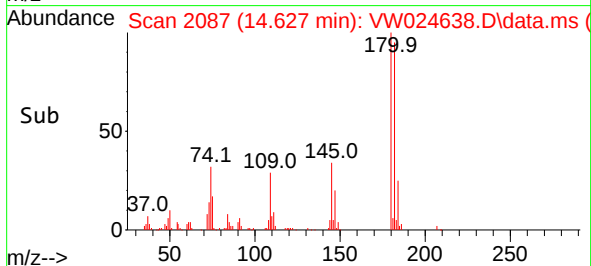
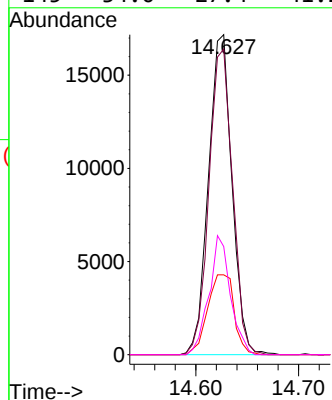
Ion Ratio Lower Upper

180 100

182 95.6 77.1 115.7

184 28.1 23.3 34.9

145 34.0 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 2.515 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

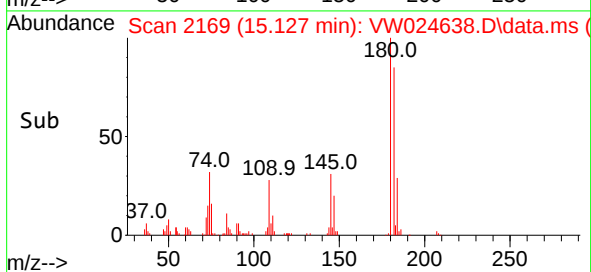
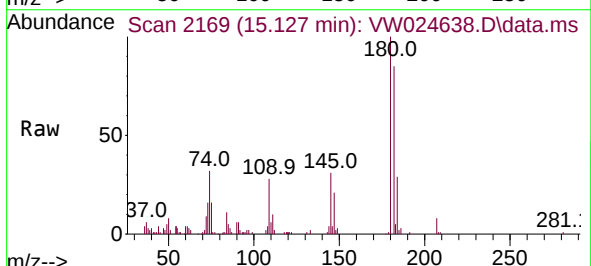
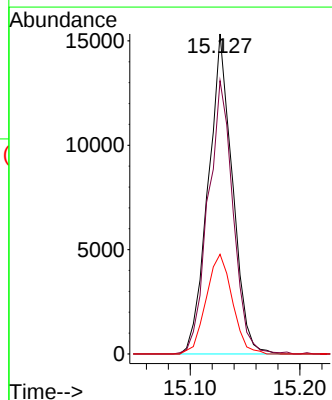
Tgt Ion:180 Resp: 23523

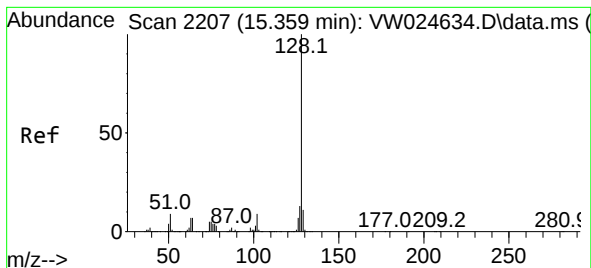
Ion Ratio Lower Upper

180 100

182 87.5 76.8 115.2

145 33.6 29.0 43.4





#71

Naphthalene

Concen: 2.504 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

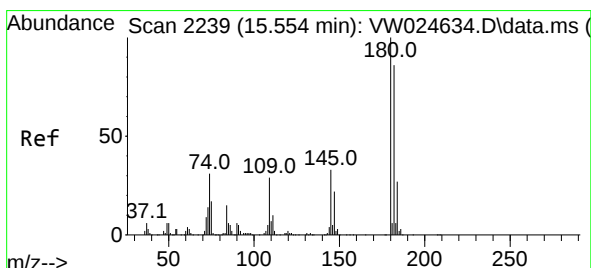
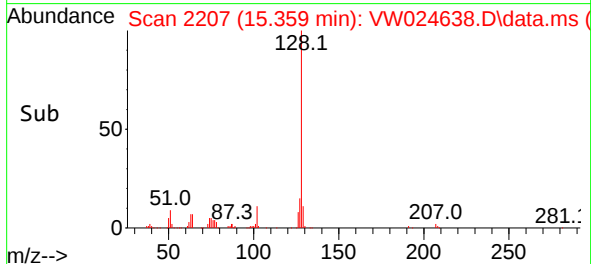
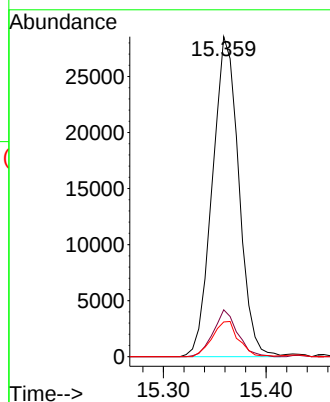
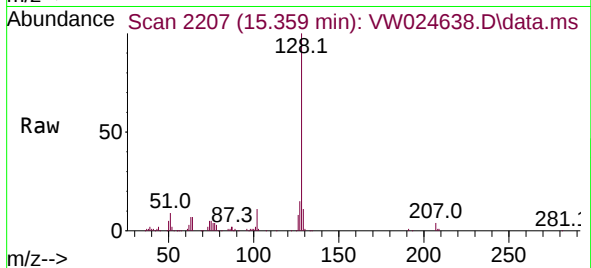
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5453

Tgt Ion:	128	Resp:	51000
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	10.8	9.0	13.4



#72

1,2,3-Trichlorobenzene

Concen: 2.450 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024638.D

Acq: 26 Sep 2022 16:13

Tgt Ion:	180	Resp:	19502
Ion Ratio	Lower	Upper	
180	100		
182	98.6	77.4	116.2
145	40.0	30.6	45.8

