

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023524.D
 Acq On : 28 Jun 2022 10:55
 Operator : SY/VA
 Sample : VSTD05030
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050430

Quant Time: Jun 29 01:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:31:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	397346	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	377485	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	195840	38.411	ug/L	0.00
7) Chloroethane-d5	2.885	69	171993	44.500	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	358638	44.693	ug/L	0.00
21) 2-Butanone-d5	7.074	46	122149	101.765	ug/L	0.00
24) Chloroform-d	7.653	84	458240	44.914	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	244036	45.437	ug/L	0.00
32) Benzene-d6	8.275	84	836282	44.811	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	252727	45.420	ug/L	0.00
41) Toluene-d8	10.323	98	884574	48.491	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	122520	48.644	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	106583	119.494	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	257926	50.327	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	361405	50.042	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	122409	67.680	ug/L	90
3) Chloromethane	2.221	50	237533	48.981	ug/L	98
5) Vinyl chloride	2.361	62	377527	51.430	ug/L	98
6) Bromomethane	2.776	94	218792	52.425	ug/L	99
8) Chloroethane	2.922	64	208976	54.312	ug/L	100
9) Trichlorofluoromethane	3.257	101	192926	50.169	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	260957	49.590	ug/L	99
12) 1,1-Dichloroethene	4.038	96	233446	51.290	ug/L	92
13) Acetone	4.123	43	83277	98.054	ug/L	99
14) Carbon disulfide	4.385	76	759674	53.202	ug/L	99
15) Methyl Acetate	4.672	43	106682	53.799	ug/L	99
16) Methylene chloride	4.915	84	248847	41.906	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	266967	49.883	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	412064	53.862	ug/L	100
19) 1,1-Dichloroethane	6.220	63	444286	49.251	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	285719	50.688	ug/L	89
22) 2-Butanone	7.171	43	143002	100.627	ug/L	97
23) Bromochloromethane	7.519	128	134306	50.364	ug/L	92
25) Chloroform	7.677	83	493002	48.517	ug/L	100
27) 1,2-Dichloroethane	8.403	62	321681	49.234	ug/L	98
29) Cyclohexane	7.958	56	415433	54.068	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	435743	48.922	ug/L	98
31) Carbon tetrachloride	8.067	117	407534	49.825	ug/L	99
33) Benzene	8.323	78	1083073	49.995	ug/L	100
34) Trichloroethene	9.092	95	292228	48.964	ug/L	98
35) Methylcyclohexane	9.335	83	517319	54.490	ug/L	99
37) 1,2-Dichloropropane	9.372	63	253801	49.329	ug/L	100
38) Bromodichloromethane	9.646	83	366184	49.628	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	426224	53.963	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	326350	112.733	ug/L	98
42) Toluene	10.390	91	1245558	52.260	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	385415	55.271	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:31:51 2022
 Response via : Initial Calibration

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

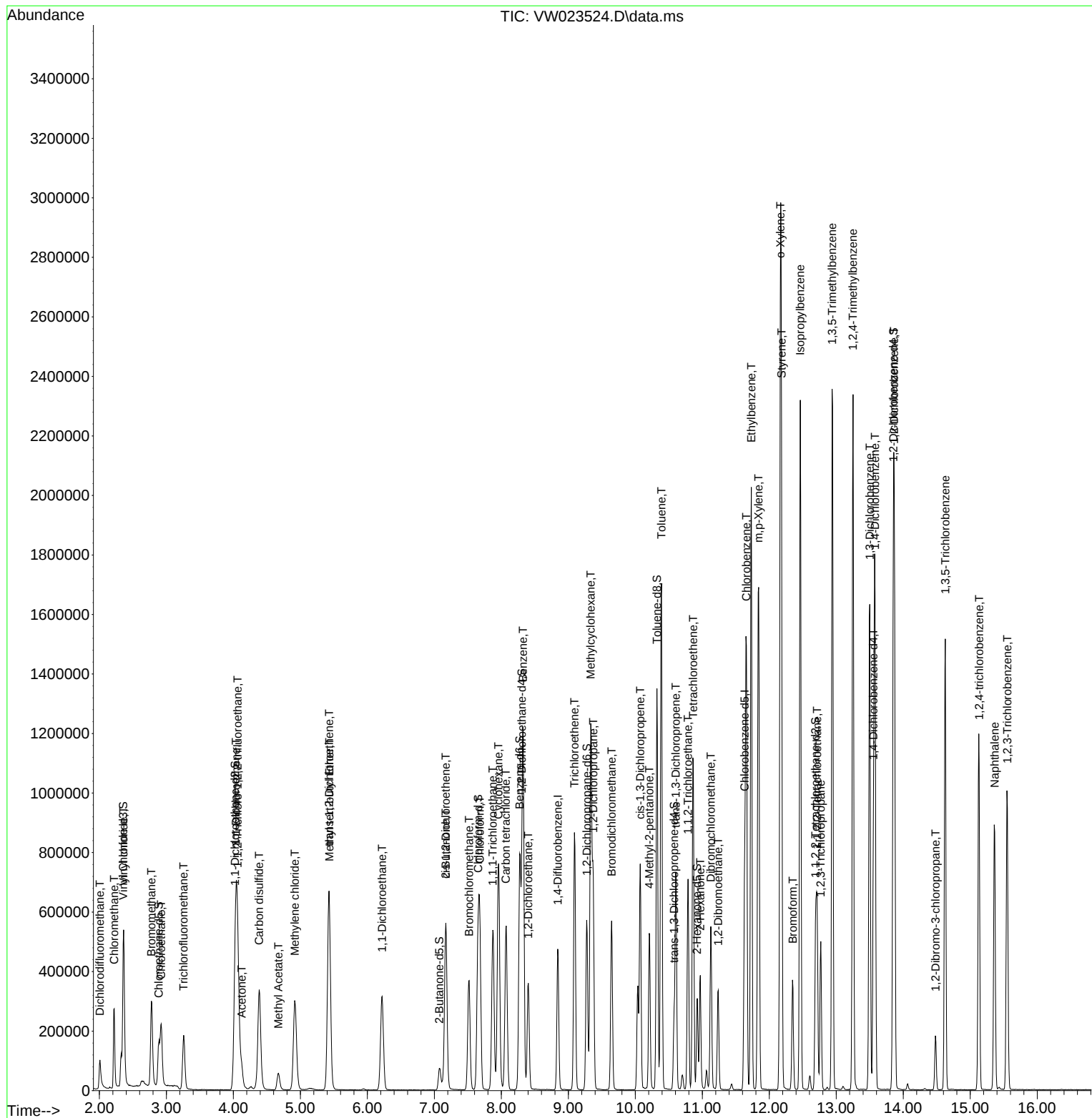
45) 1,1,2-Trichloroethane	10.786	97	217433	51.797	ug/L	95
46) Tetrachloroethene	10.866	164	244355	51.869	ug/L	95
48) 2-Hexanone	10.969	43	230264	118.259	ug/L	100
49) Dibromochloromethane	11.128	129	275786	53.888	ug/L	92
50) 1,2-Dibromoethane	11.237	107	214780	52.602	ug/L	95
51) Chlorobenzene	11.658	112	817436	50.518	ug/L	98
52) Ethylbenzene	11.731	91	1410291	53.120	ug/L	99
53) m,p-Xylene	11.841	106	560096	53.377	ug/L	100
54) o-Xylene	12.164	106	540022	55.357	ug/L	98
55) Styrene	12.182	104	934774	55.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	271737	53.654	ug/L	97
59) Bromoform	12.353	173	156813	54.145	ug/L	98
60) Isopropylbenzene	12.463	105	1483269	52.142	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	192144	49.813	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1257042	53.912	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1242439	54.009	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	666123	50.865	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	672435	50.015	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	610903	51.739	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	42636	48.140	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	438265	51.091	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	364895	55.124	ug/L	97
71) Naphthalene	15.365	128	769380	61.264	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	321524	56.188	ug/L	97

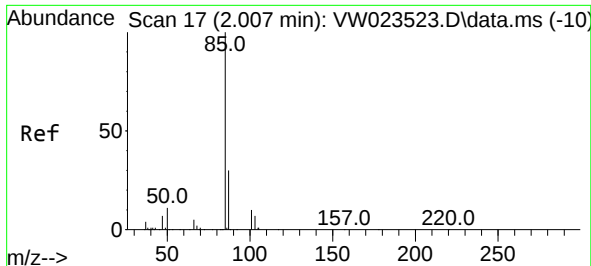
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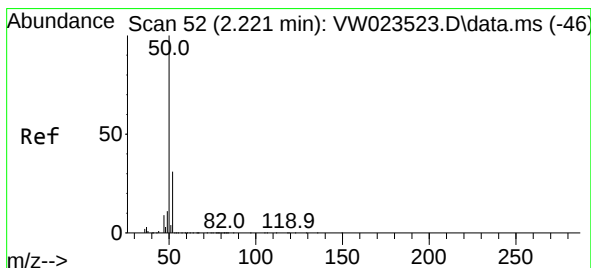
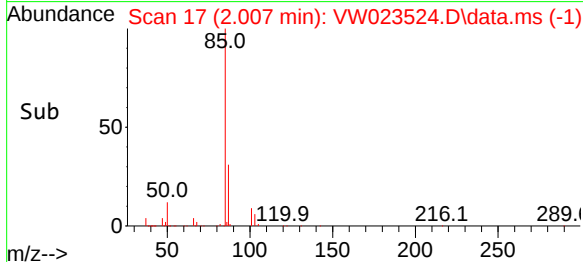
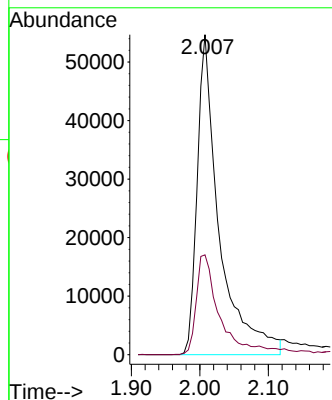
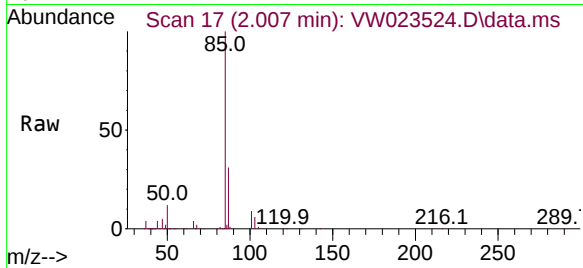




#2
 Dichlorodifluoromethane
 Concen: 67.680 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023524.D
 Acq: 28 Jun 2022 10:55

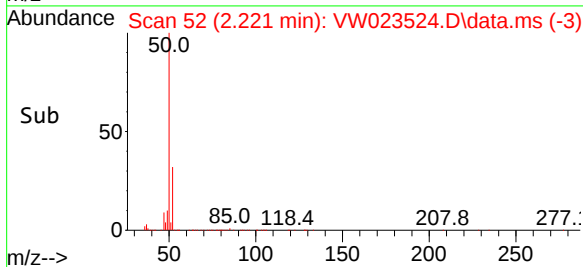
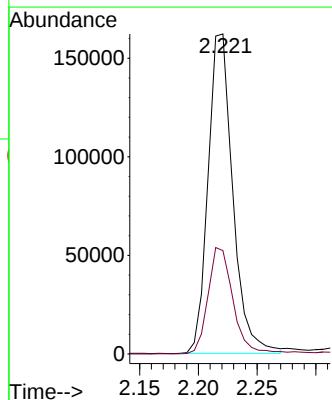
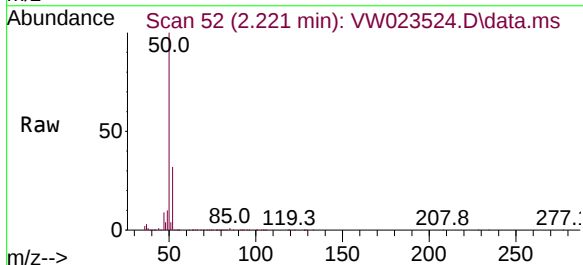
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050430

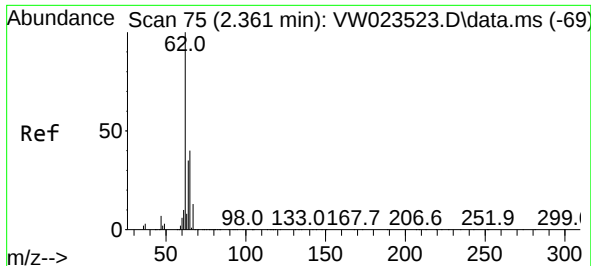
Tgt Ion: 85 Resp: 122409
 Ion Ratio Lower Upper
 85 100
 87 31.3 21.0 31.4



#3
 Chloromethane
 Concen: 48.981 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW023524.D
 Acq: 28 Jun 2022 10:55

Tgt Ion: 50 Resp: 237533
 Ion Ratio Lower Upper
 50 100
 52 32.3 21.8 40.4

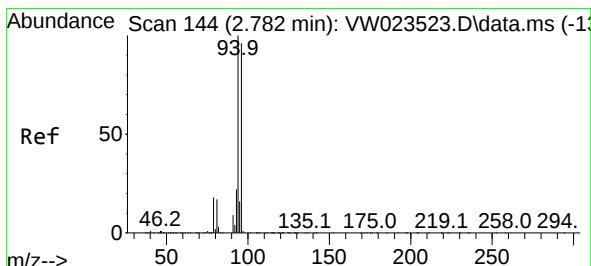
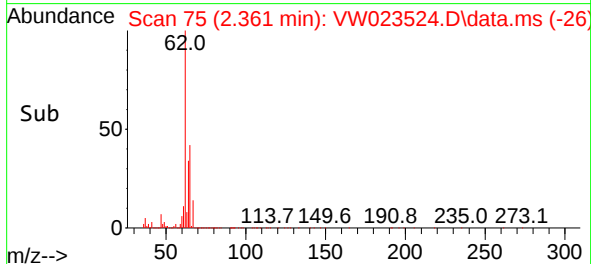
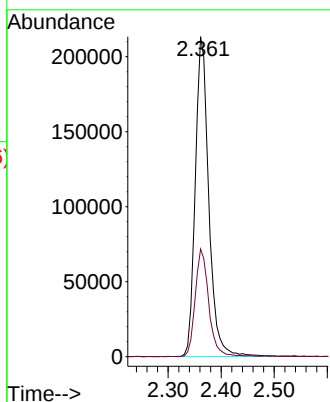
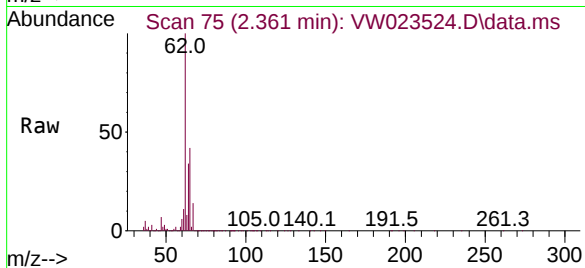




#5
 Vinyl chloride
 Concen: 51.430 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023524.D
 Acq: 28 Jun 2022 10:55

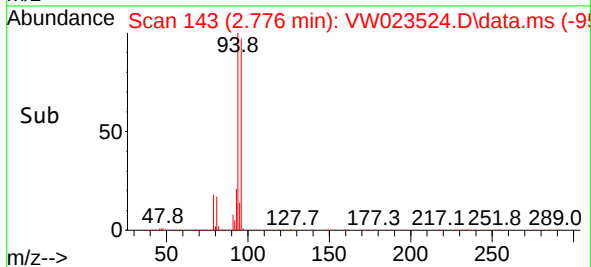
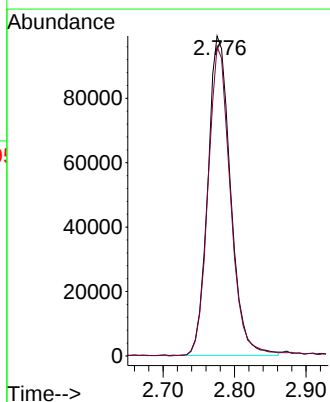
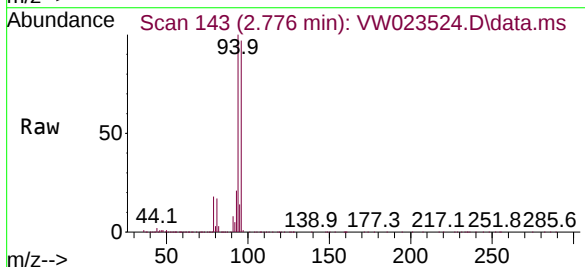
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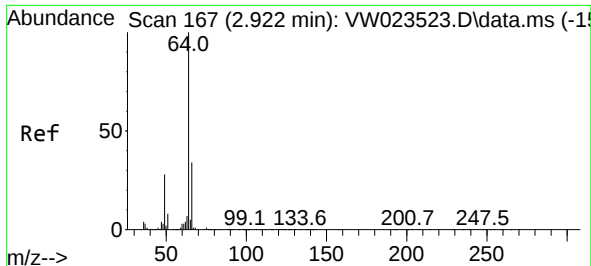
Tgt Ion: 62 Resp: 377527
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.6 45.6



#6
 Bromomethane
 Concen: 52.425 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023524.D
 Acq: 28 Jun 2022 10:55

Tgt Ion: 94 Resp: 218792
 Ion Ratio Lower Upper
 94 100
 96 96.7 67.0 124.4

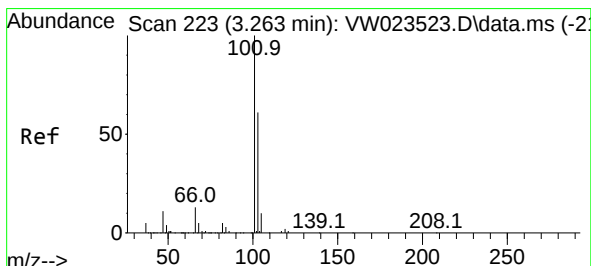
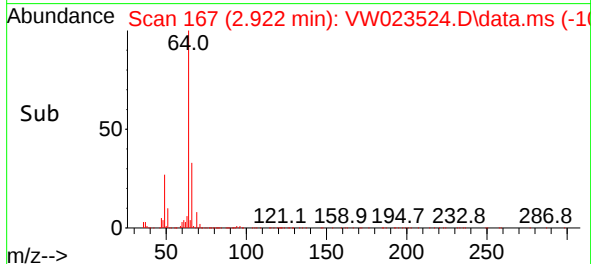
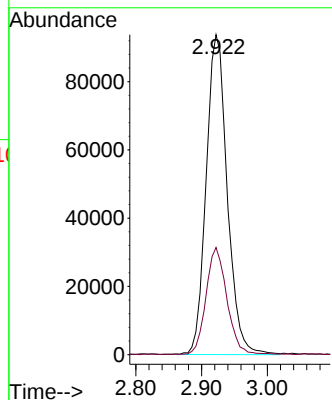
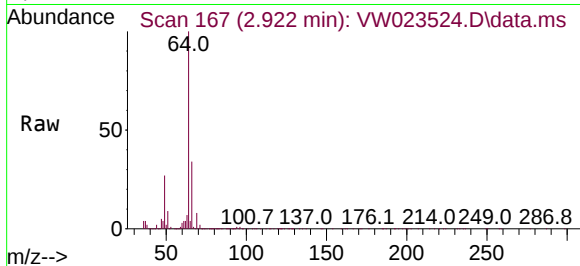




#8
Chloroethane
Concen: 54.312 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

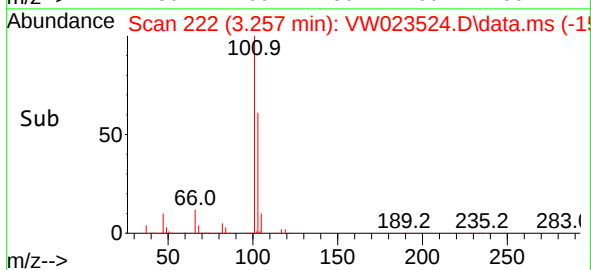
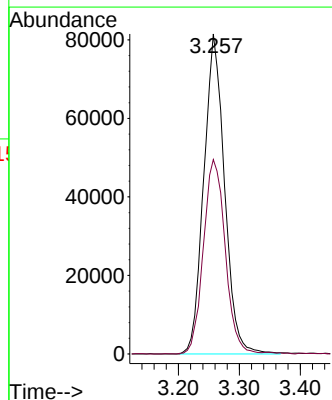
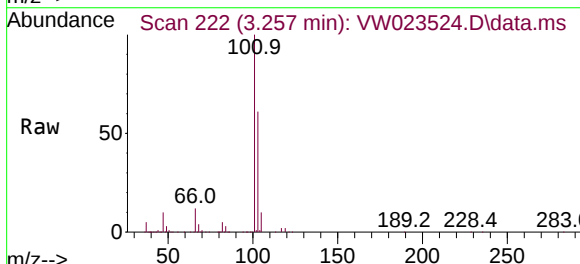
Instrument :
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ClientSampleId :
VSTD050430

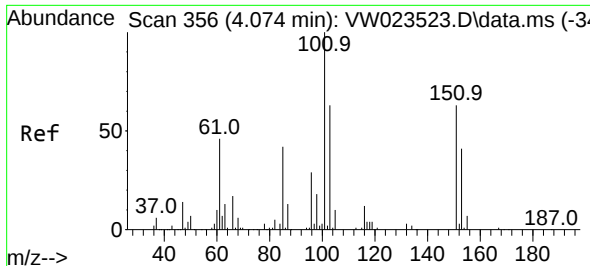
Tgt Ion: 64 Resp: 208976
Ion Ratio Lower Upper
64 100
66 33.5 23.6 43.8



#9
Trichlorofluoromethane
Concen: 50.169 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion: 101 Resp: 192926
Ion Ratio Lower Upper
101 100
103 63.8 53.1 79.7

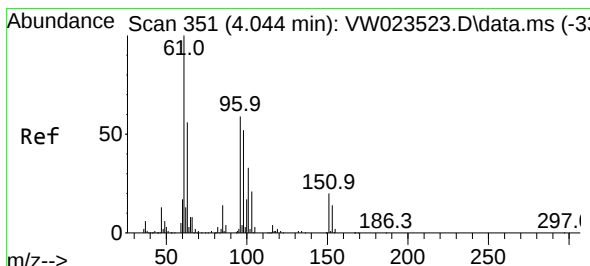
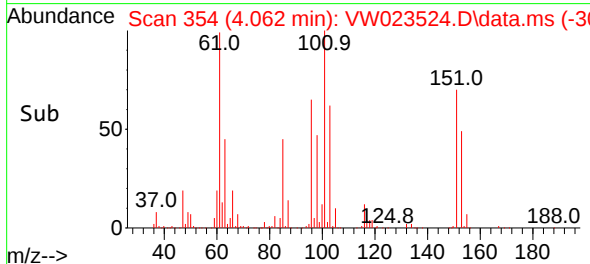
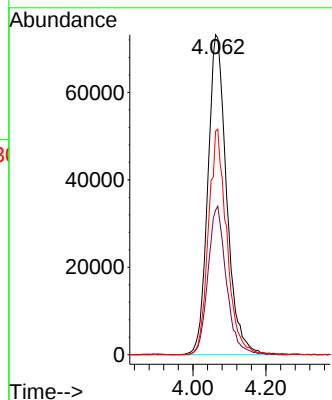
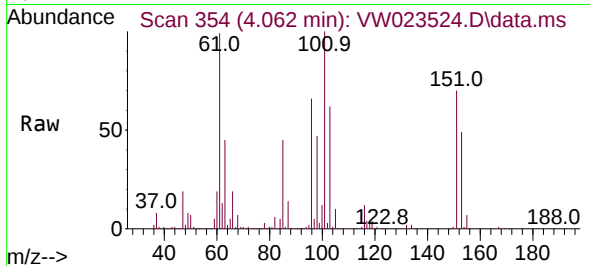




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.590 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW023524.D
 Acq: 28 Jun 2022 10:55

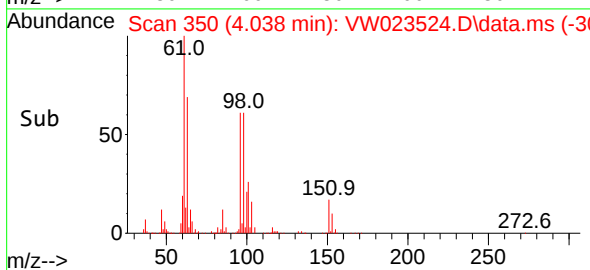
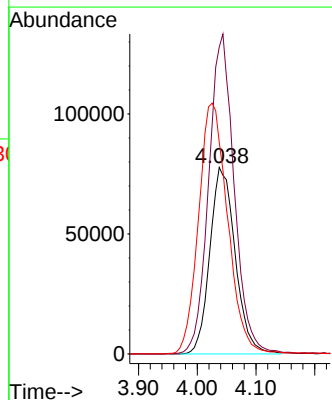
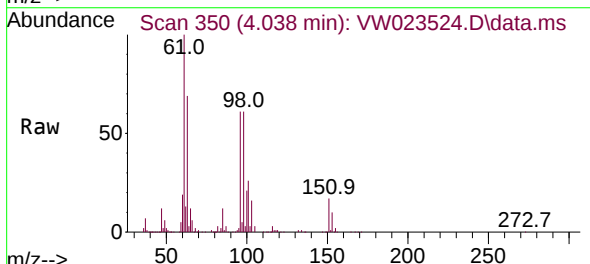
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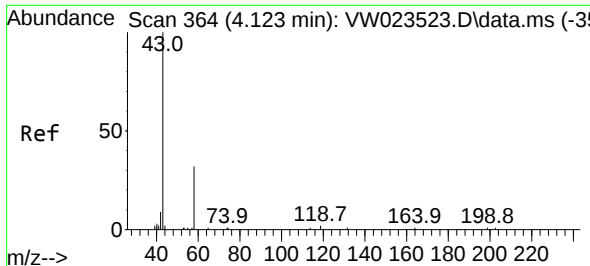
Tgt Ion:101 Resp: 260957
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.4 54.6
 151 68.1 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 51.290 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023524.D
 Acq: 28 Jun 2022 10:55

Tgt Ion: 96 Resp: 233446
 Ion Ratio Lower Upper
 96 100
 61 164.5 118.4 219.8
 63 113.5 67.4 125.2

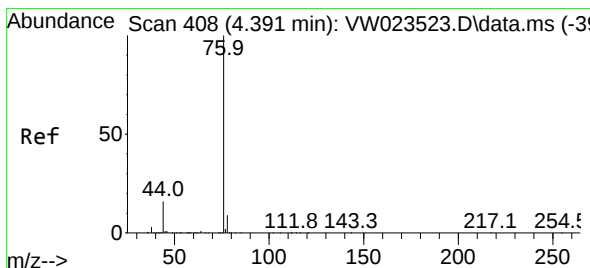
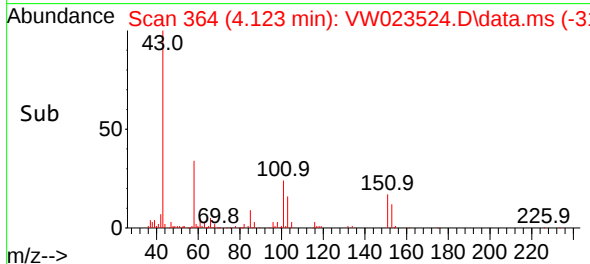
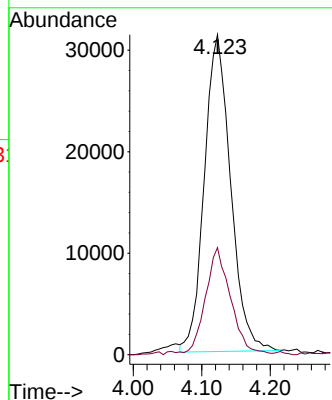
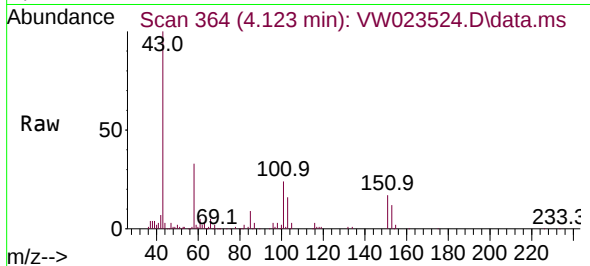




#13
Acetone
Concen: 98.054 ug/L
RT: 4.123 min Scan# 307
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

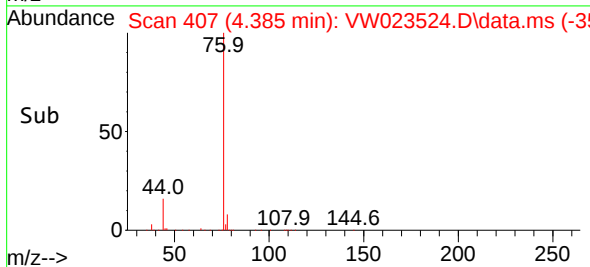
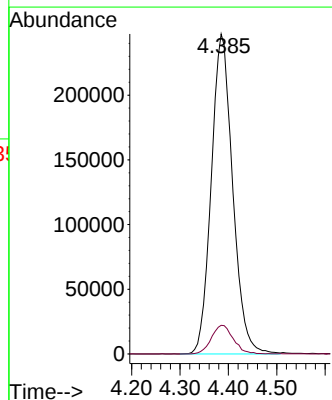
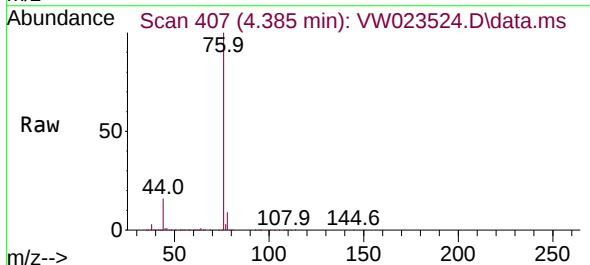
Instrument :
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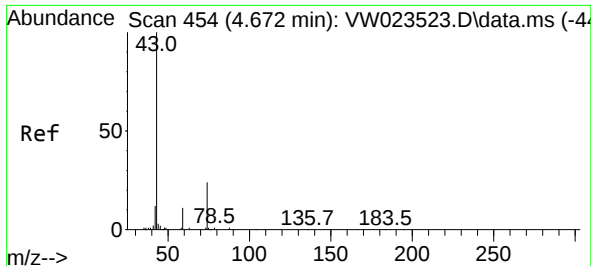
Tgt Ion: 43 Resp: 83277
Ion Ratio Lower Upper
43 100
58 32.0 0.0 63.2



#14
Carbon disulfide
Concen: 53.202 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Acq: 28 Jun 2022 10:55

Tgt Ion: 76 Resp: 759674
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

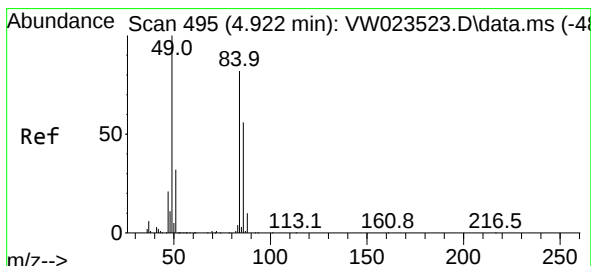
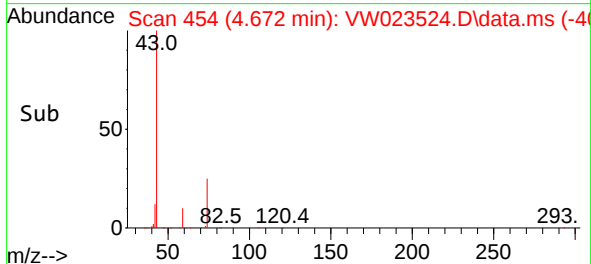
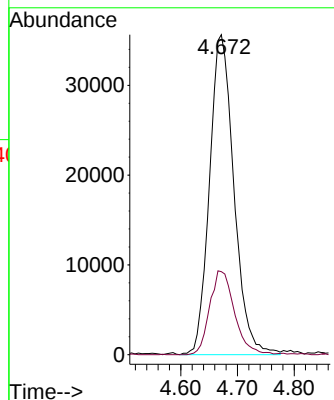
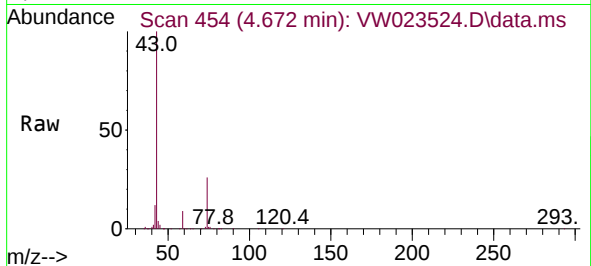




#15
Methyl Acetate
Concen: 53.799 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

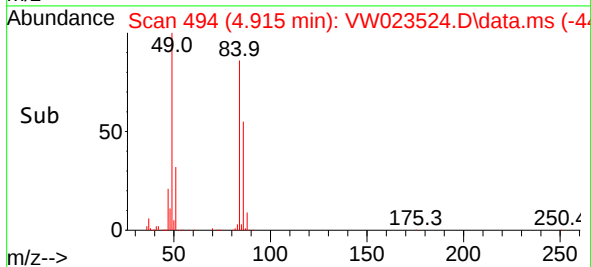
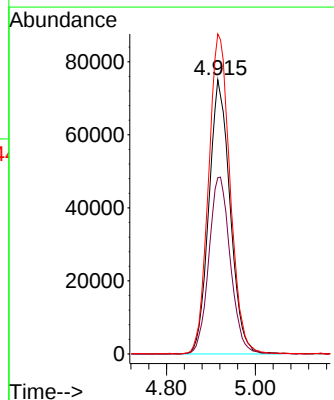
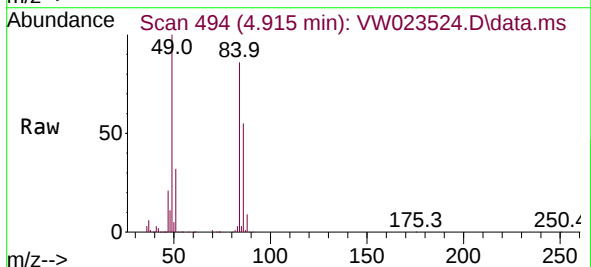
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

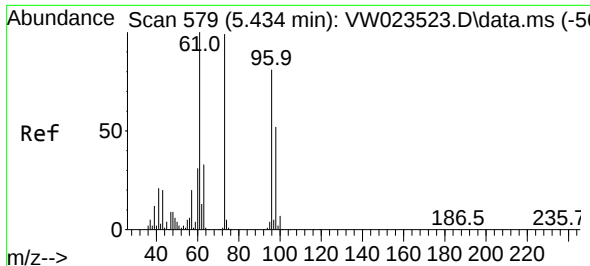
Tgt Ion: 43 Resp: 106682
Ion Ratio Lower Upper
43 100
74 26.4 21.5 32.3



#16
Methylene chloride
Concen: 41.906 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion: 84 Resp: 248847
Ion Ratio Lower Upper
84 100
86 64.3 47.8 88.8
49 116.7 85.0 157.8

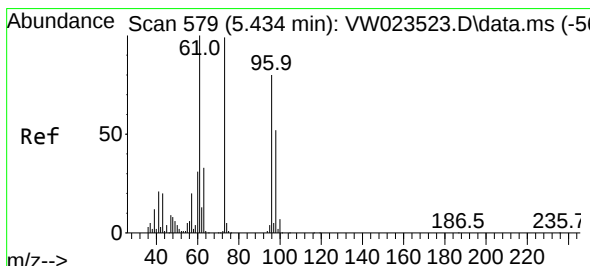
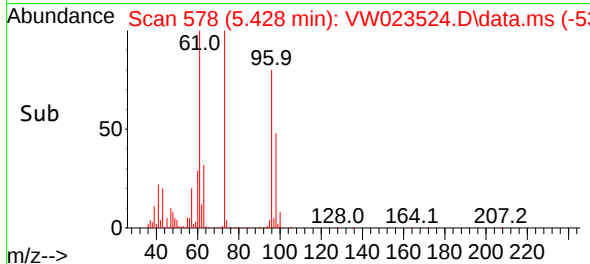
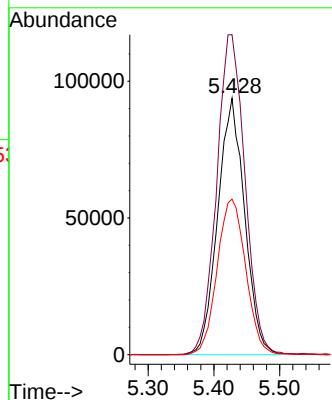
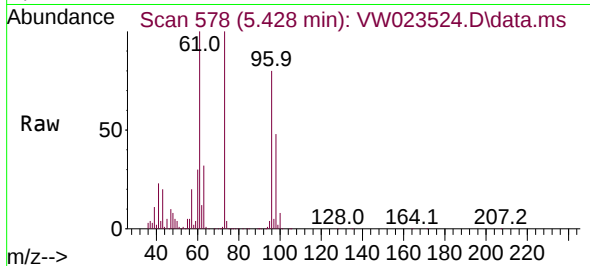




#17
trans-1,2-Dichloroethene
Concen: 49.883 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

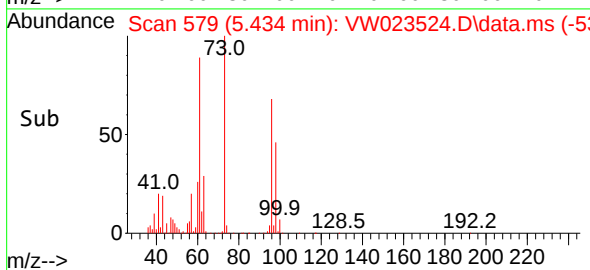
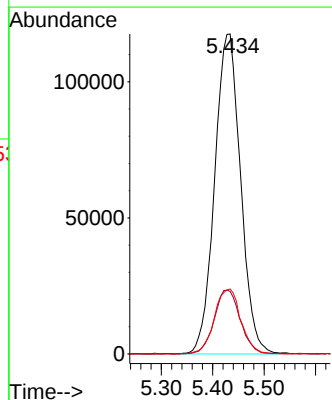
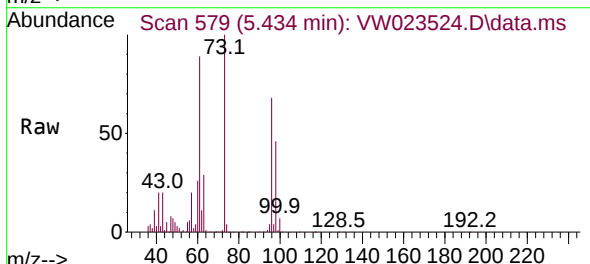
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

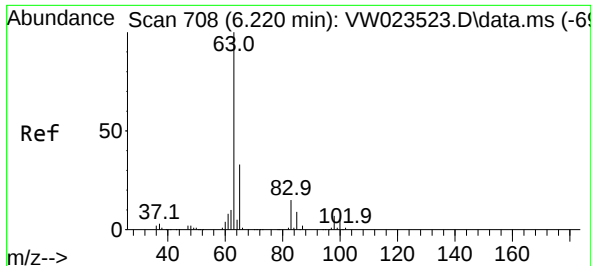
Tgt Ion: 96 Resp: 266967
Ion Ratio Lower Upper
96 100
61 124.8 87.0 161.6
98 60.6 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 53.862 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion: 73 Resp: 412064
Ion Ratio Lower Upper
73 100
43 19.8 16.0 24.0
57 20.8 16.7 25.1





#19

1,1-Dichloroethane

Concen: 49.251 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD050430

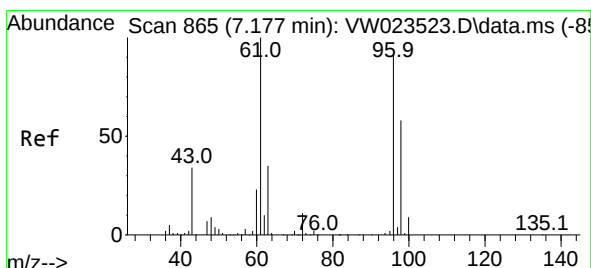
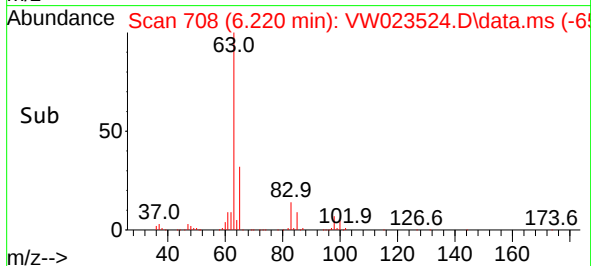
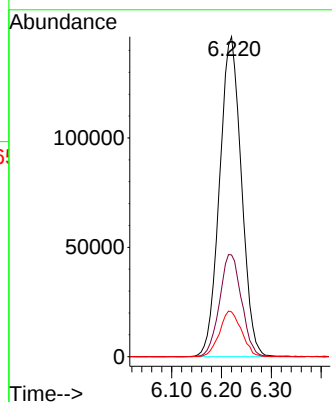
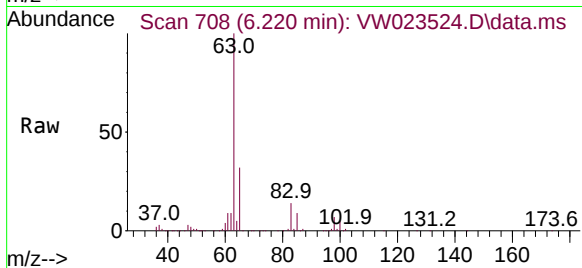
Tgt Ion: 63 Resp: 444286

Ion Ratio Lower Upper

63 100

65 31.8 23.2 43.2

83 14.0 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 50.688 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

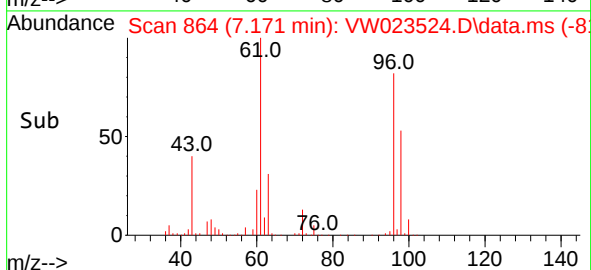
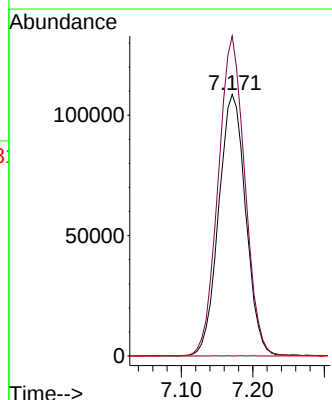
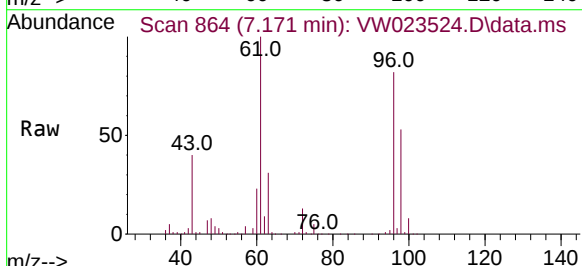
Tgt Ion: 96 Resp: 285719

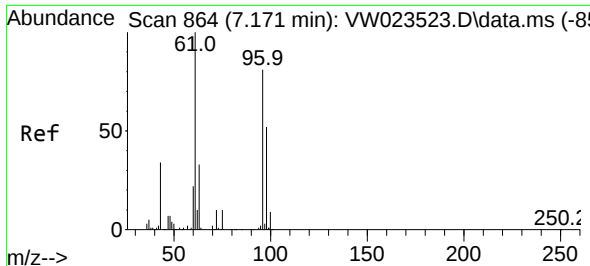
Ion Ratio Lower Upper

96 100

61 122.3 77.1 143.3

68 0.0 0.0 0.0

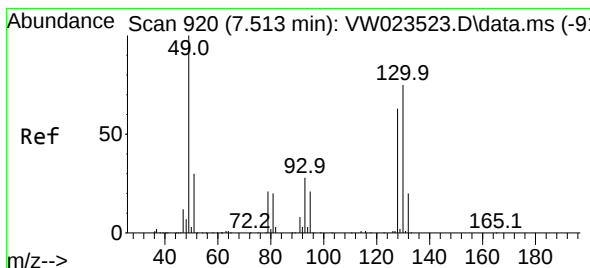
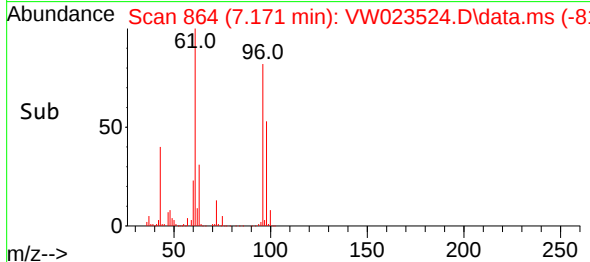
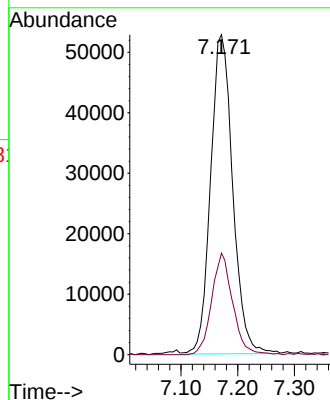
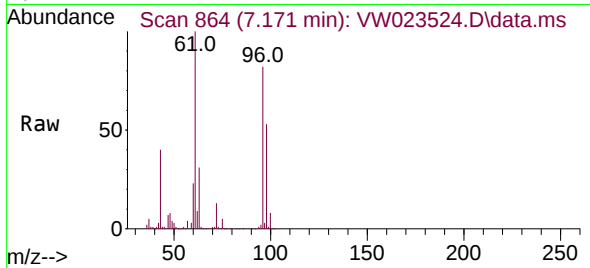




#22
2-Butanone
Concen: 100.627 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

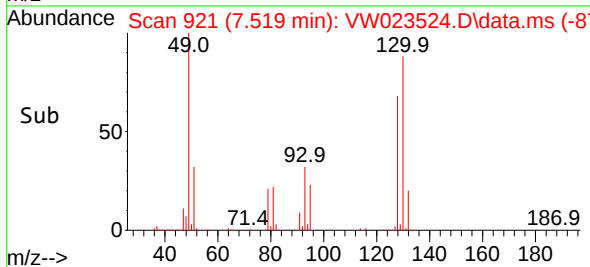
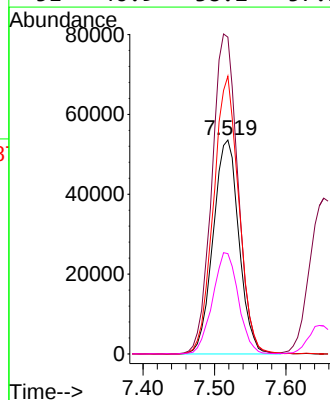
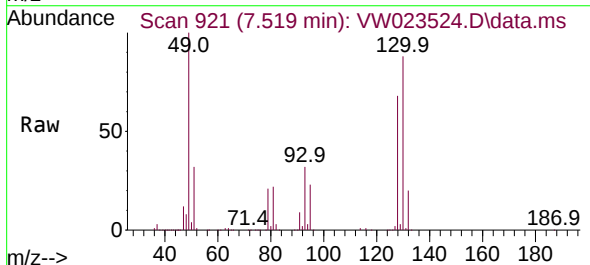
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

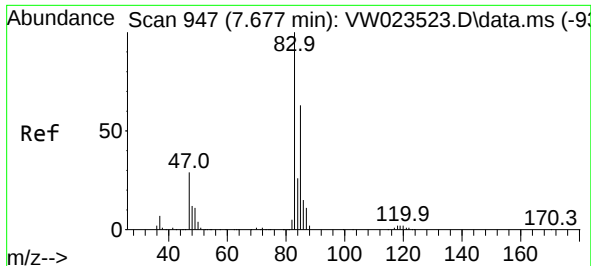
Tgt Ion: 43 Resp: 143002
Ion Ratio Lower Upper
43 100
72 30.0 15.9 47.6



#23
Bromochloromethane
Concen: 50.364 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion:128 Resp: 134306
Ion Ratio Lower Upper
128 100
49 148.0 111.6 207.2
130 129.8 83.6 155.2
51 46.9 38.2 57.2

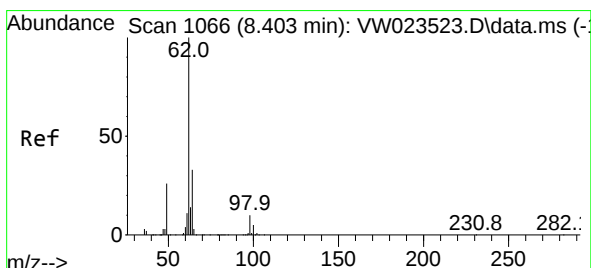
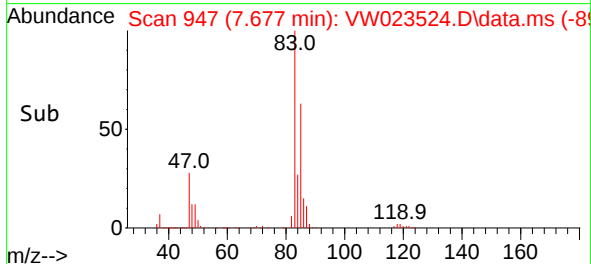
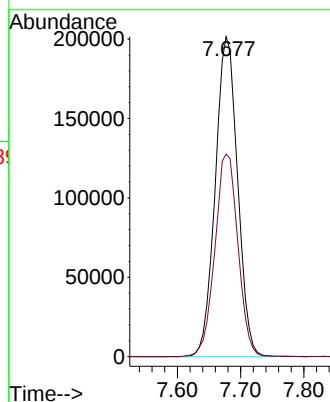
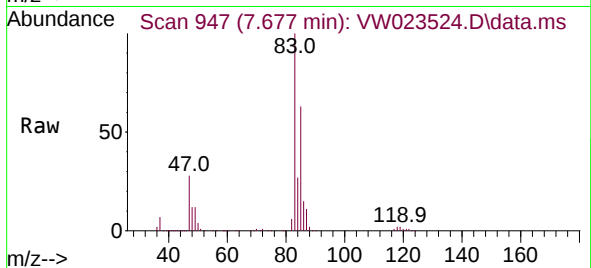




#25
Chloroform
Concen: 48.517 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

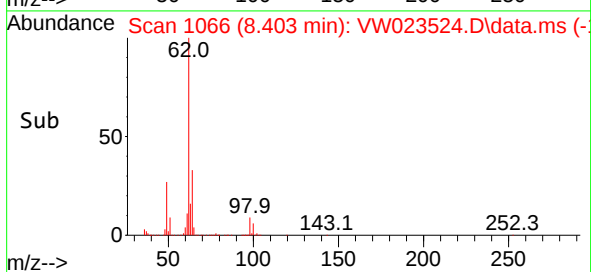
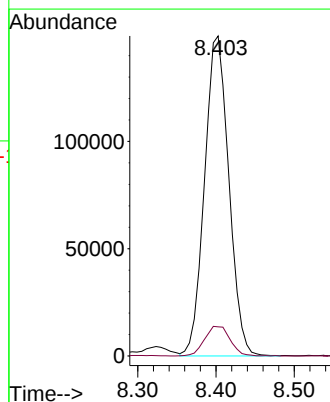
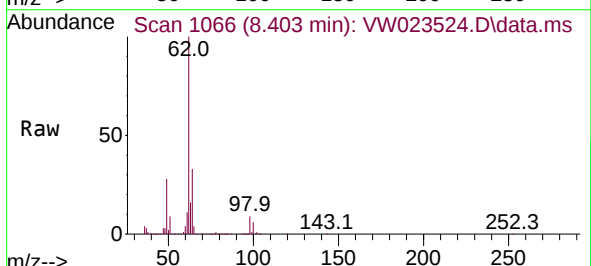
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

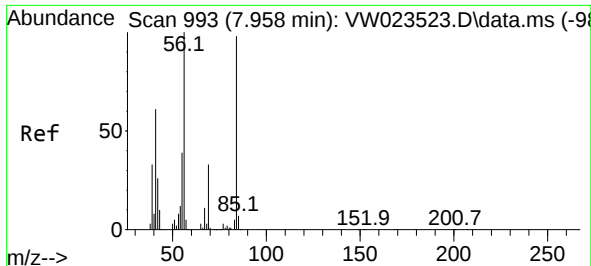
Tgt Ion: 83 Resp: 493002
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9



#27
1,2-Dichloroethane
Concen: 49.234 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion: 62 Resp: 321681
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.6





#29

Cyclohexane

Concen: 54.068 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD050430

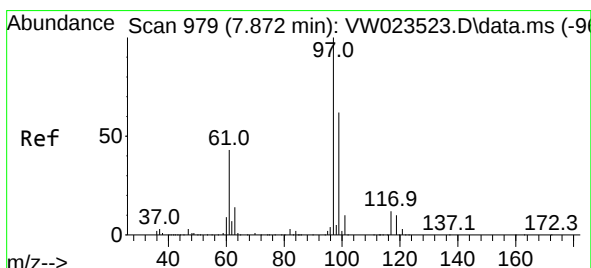
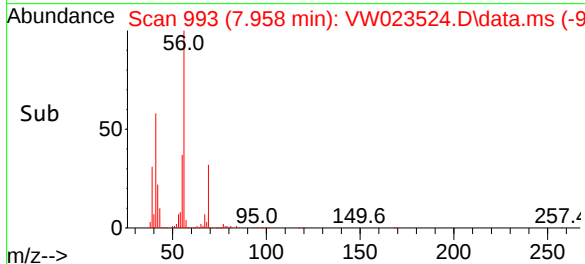
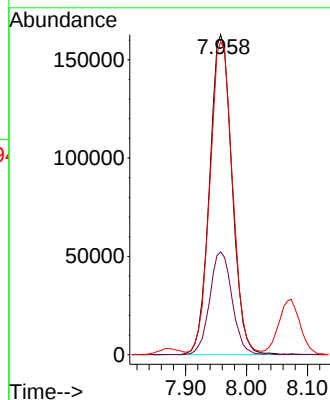
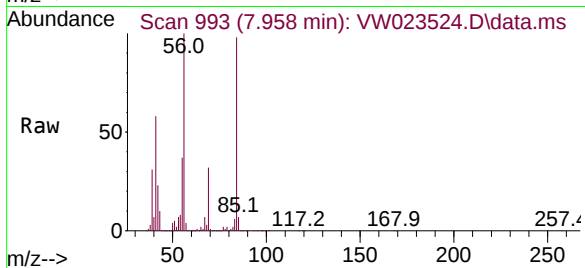
Tgt Ion: 56 Resp: 415433

Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 98.7 75.8 113.8



#30

1,1,1-Trichloroethane

Concen: 48.922 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

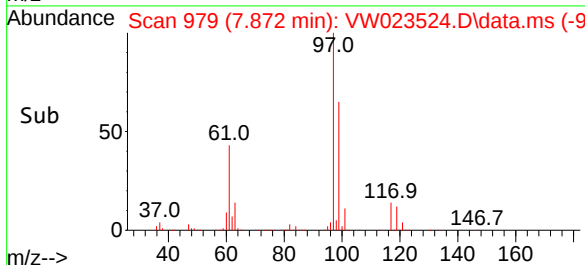
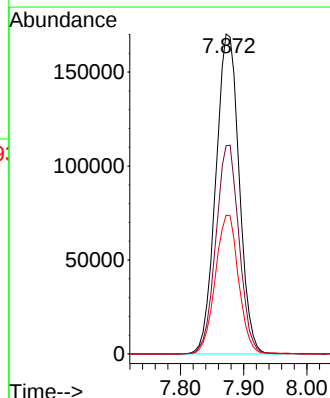
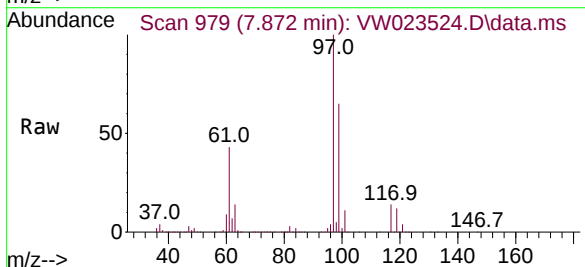
Tgt Ion: 97 Resp: 435743

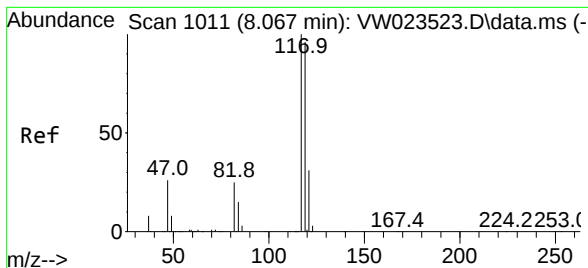
Ion Ratio Lower Upper

97 100

99 64.9 50.6 75.8

61 43.3 35.1 52.7

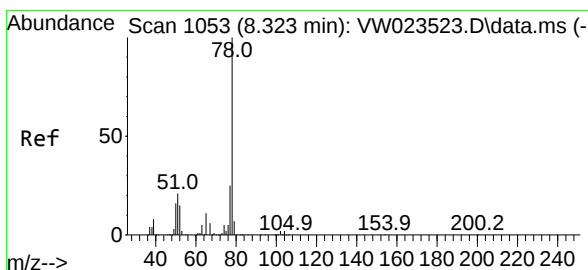
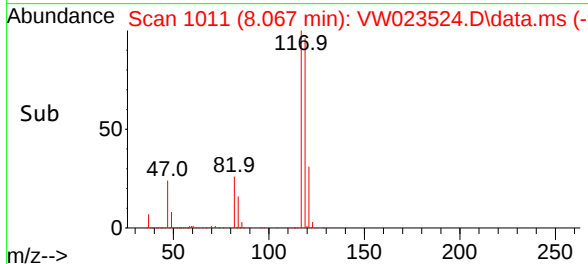
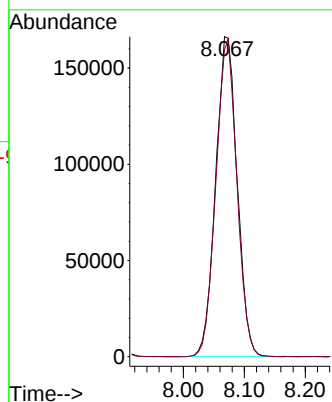
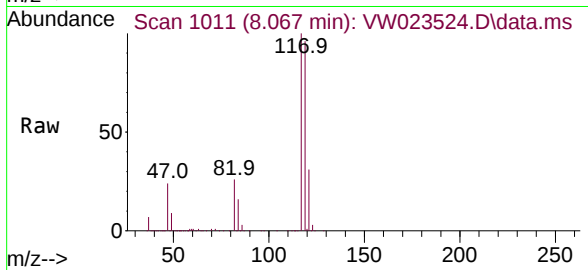




#31
Carbon tetrachloride
Concen: 49.825 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

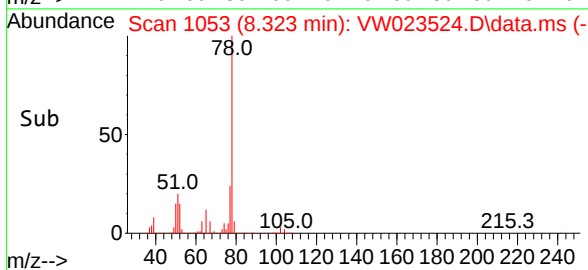
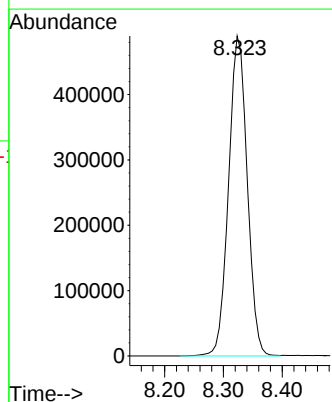
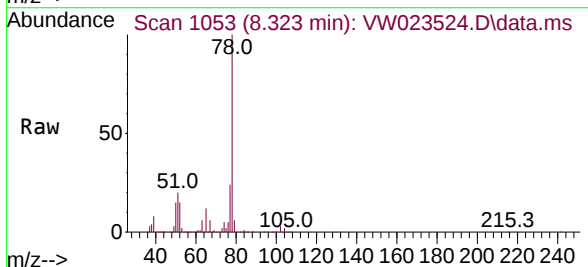
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

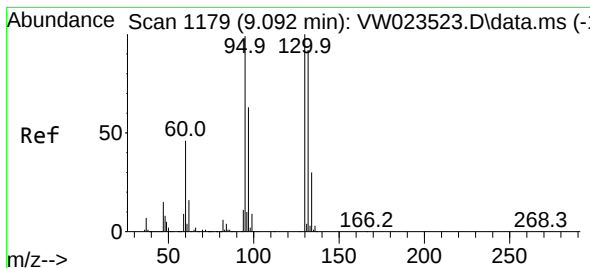
Tgt Ion:117 Resp: 407534
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8



#33
Benzene
Concen: 49.995 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion: 78 Resp: 1083073





#34

Trichloroethene

Concen: 48.964 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD050430

Tgt Ion: 95 Resp: 292228

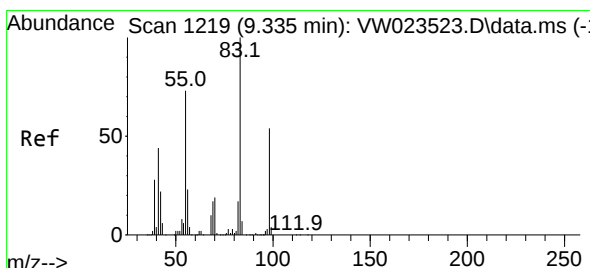
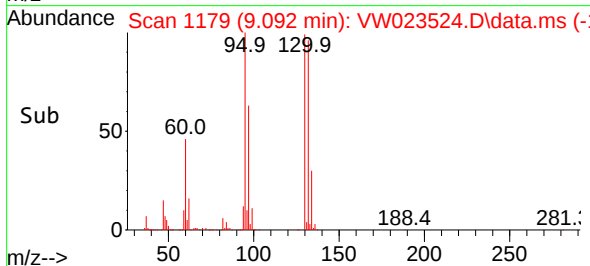
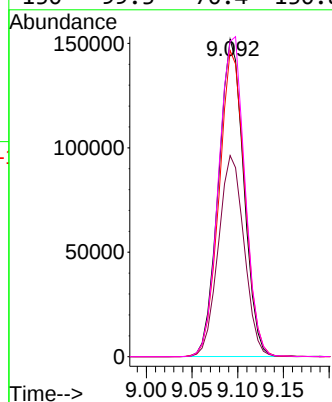
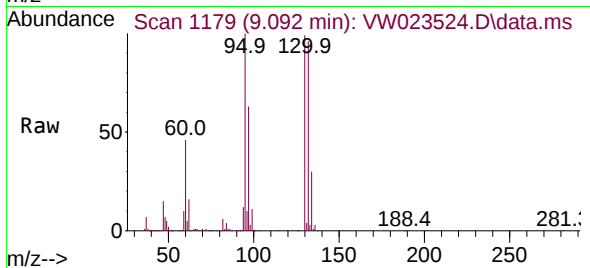
Ion Ratio Lower Upper

95 100

97 63.4 44.2 82.0

132 96.4 64.6 120.0

130 99.3 70.4 130.8



#35

Methylcyclohexane

Concen: 54.490 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

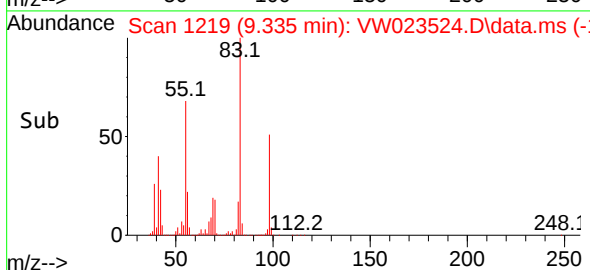
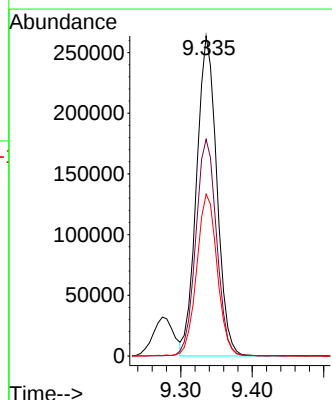
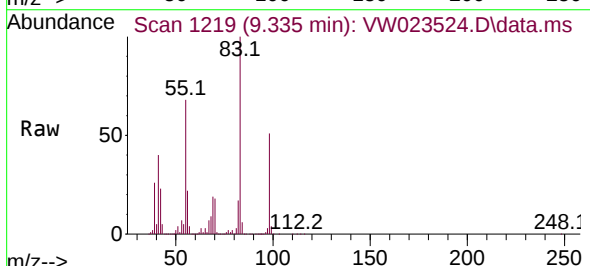
Tgt Ion: 83 Resp: 517319

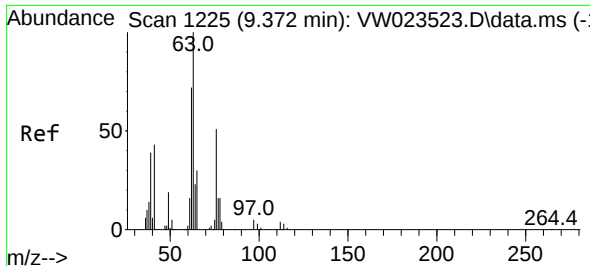
Ion Ratio Lower Upper

83 100

55 69.4 56.2 84.2

98 51.3 40.7 61.1





#37

1,2-Dichloropropane

Concen: 49.329 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Instrument :

MSVOA_W

ClientSampleId :

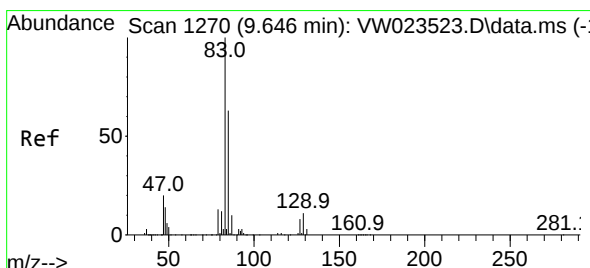
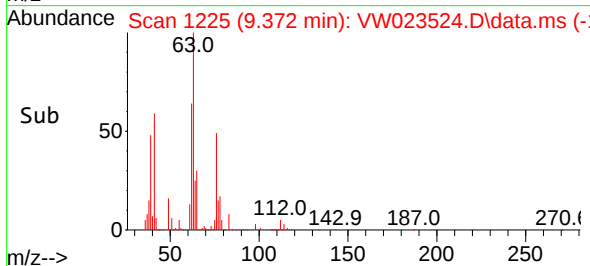
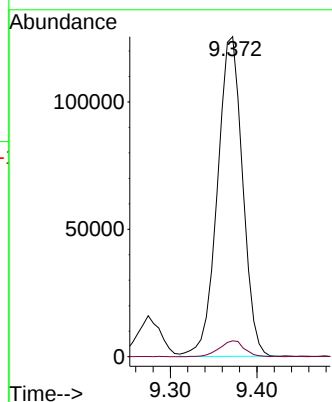
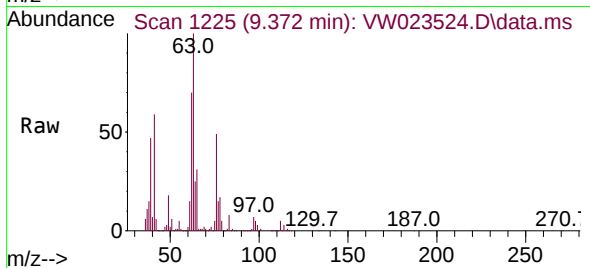
VSTD050430

Tgt Ion: 63 Resp: 253801

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 49.628 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

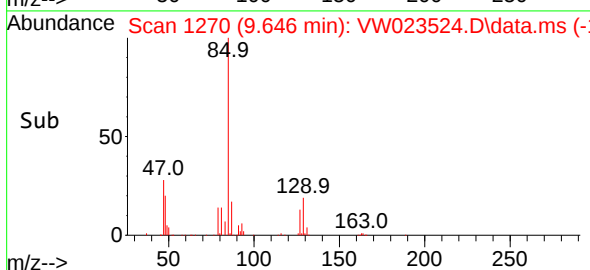
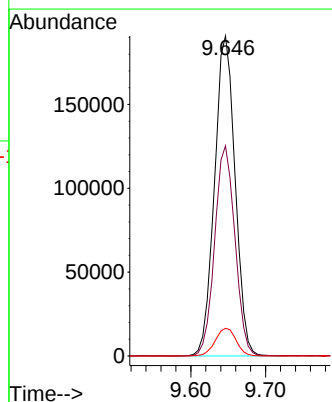
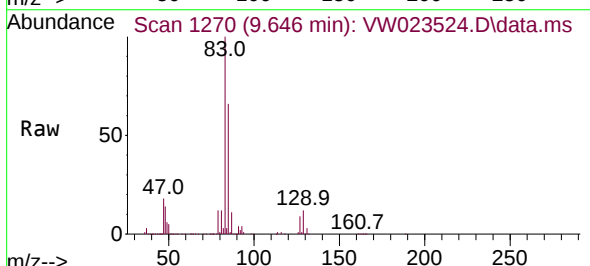
Tgt Ion: 83 Resp: 366184

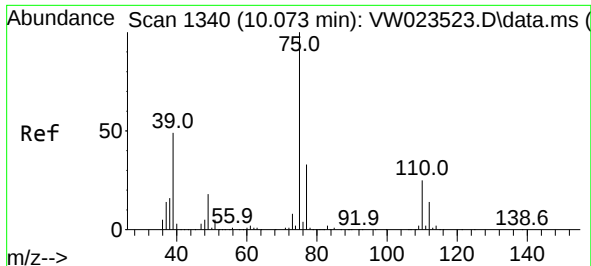
Ion Ratio Lower Upper

83 100

85 65.6 44.4 82.4

127 8.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 53.963 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Instrument :

MSVOA_W

ClientSampleId :

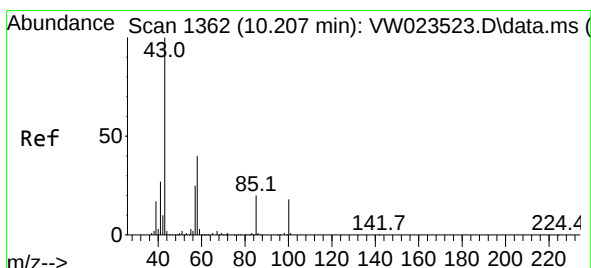
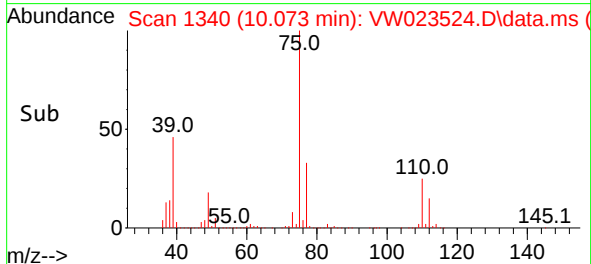
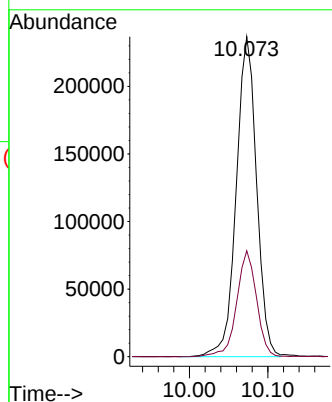
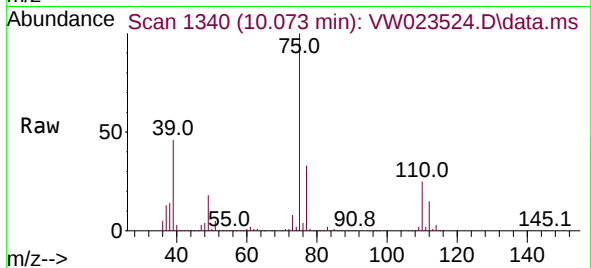
VSTD050430

Tgt Ion: 75 Resp: 426224

Ion Ratio Lower Upper

75 100

77 33.1 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 112.733 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

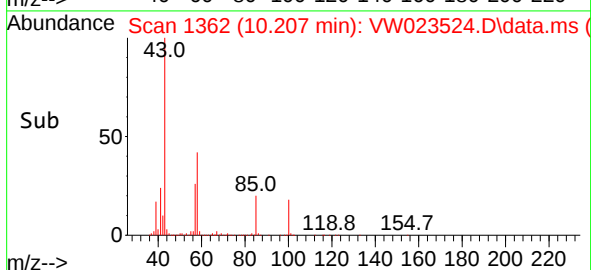
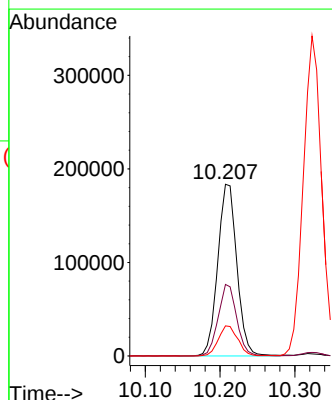
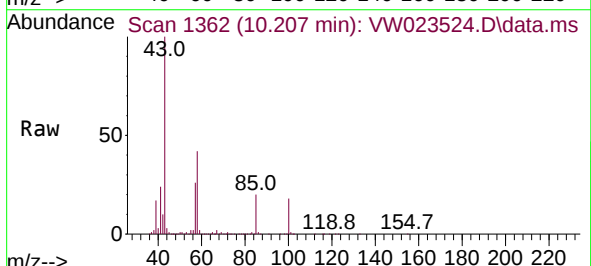
Tgt Ion: 43 Resp: 326350

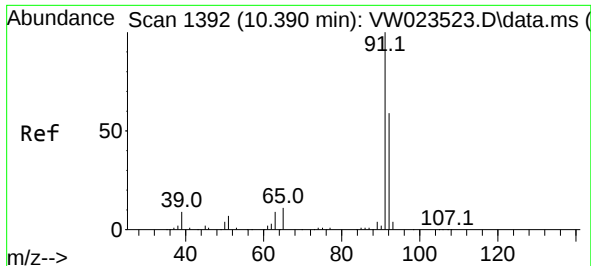
Ion Ratio Lower Upper

43 100

58 40.2 31.1 46.7

100 17.8 13.8 20.6





#42

Toluene

Concen: 52.260 ug/L

RT: 10.390 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Instrument :

MSVOA_W

ClientSampleId :

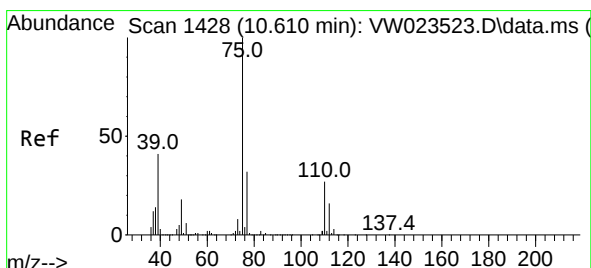
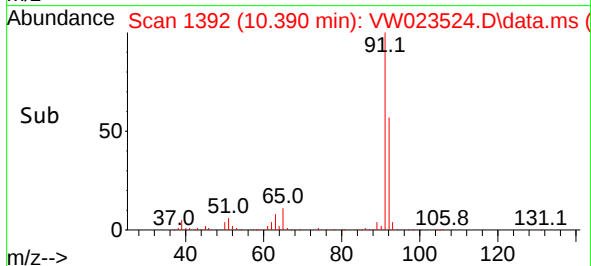
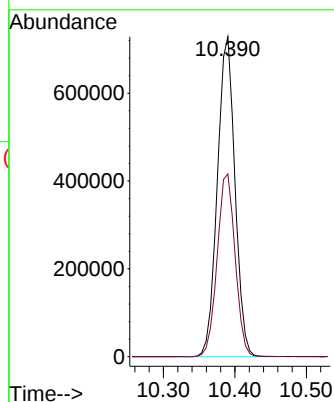
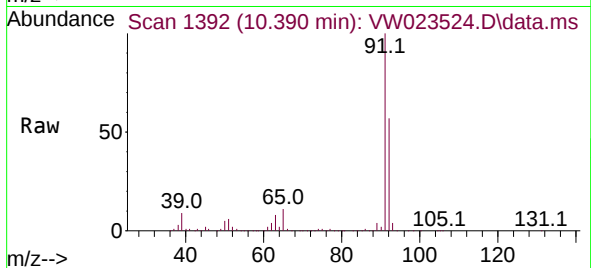
VSTD050430

Tgt Ion: 91 Resp: 1245558

Ion Ratio Lower Upper

91 100

92 57.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 55.271 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW023524.D

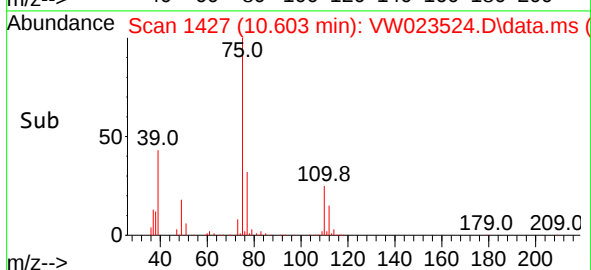
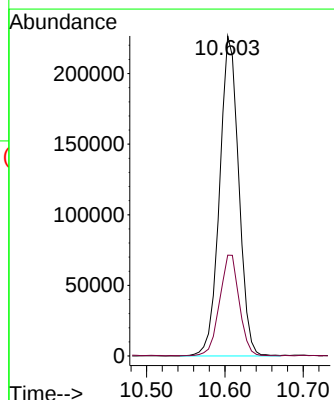
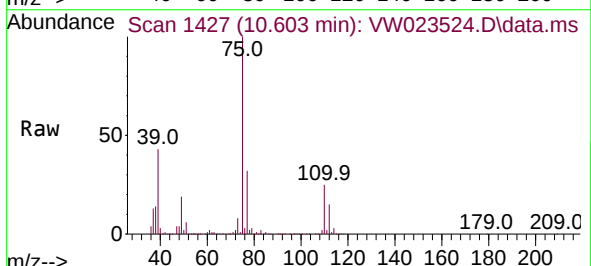
Acq: 28 Jun 2022 10:55

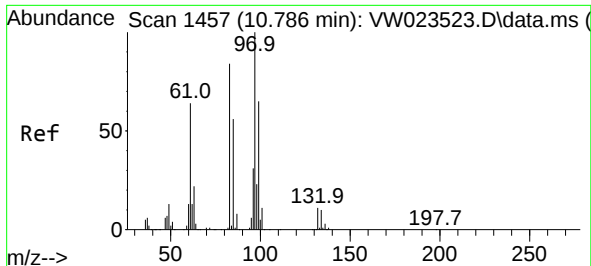
Tgt Ion: 75 Resp: 385415

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.3



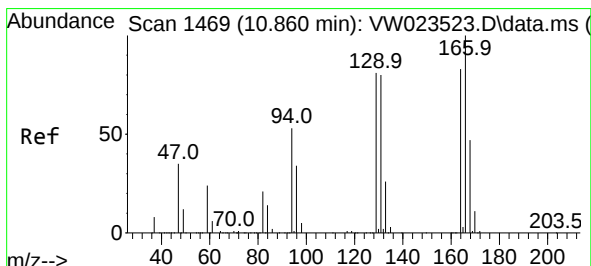
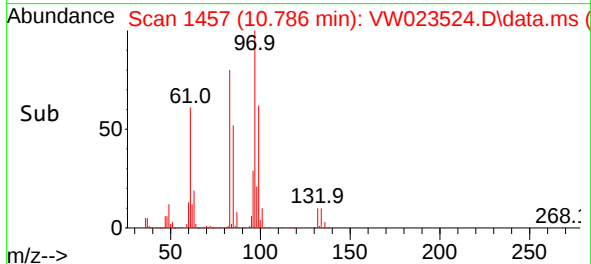
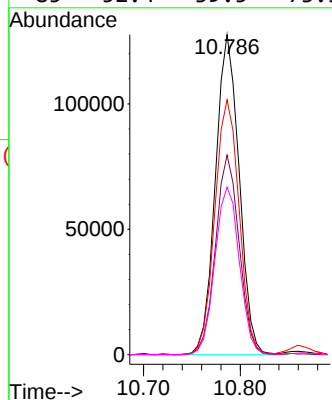
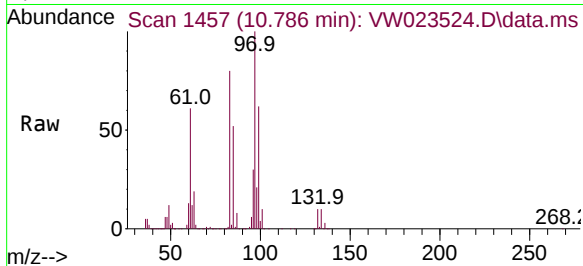


#45
1,1,2-Trichloroethane
Concen: 51.797 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

Tgt Ion: 97 Resp: 217433

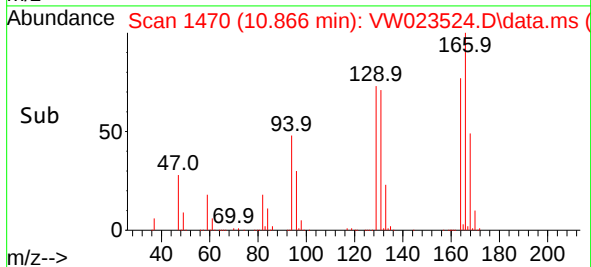
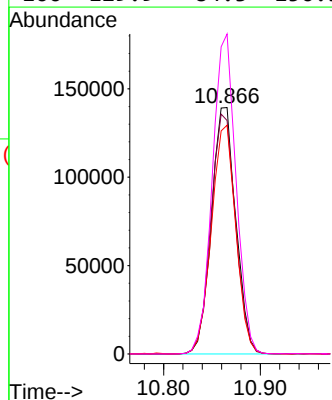
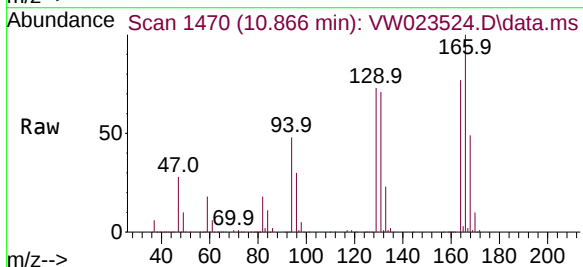
Ion	Ratio	Lower	Upper
97	100		
99	62.4	45.3	84.1
83	79.6	58.9	109.5
85	52.4	39.5	73.3

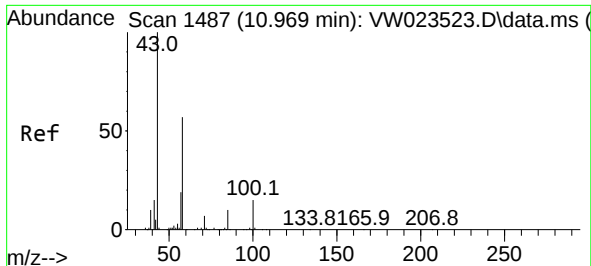


#46
Tetrachloroethene
Concen: 51.869 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion: 164 Resp: 244355

Ion	Ratio	Lower	Upper
164	100		
129	94.8	68.6	127.4
131	92.9	67.3	124.9
166	129.9	84.3	156.5



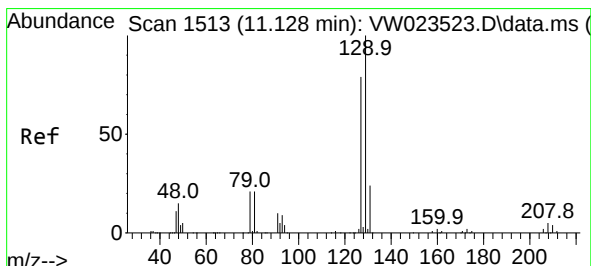
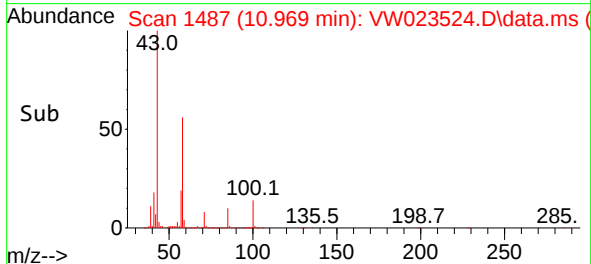
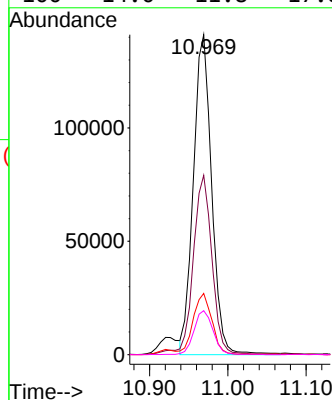
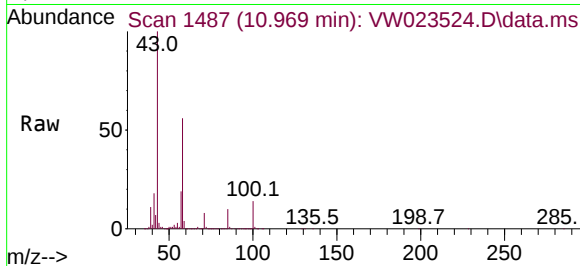


#48
2-Hexanone
Concen: 118.259 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

Tgt Ion: 43 Resp: 230264

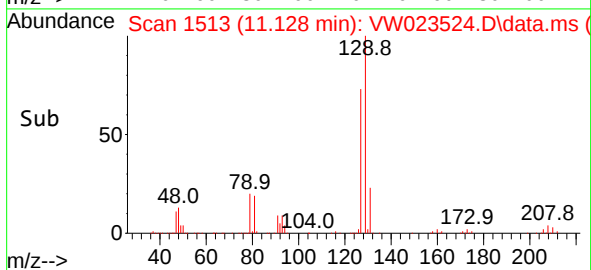
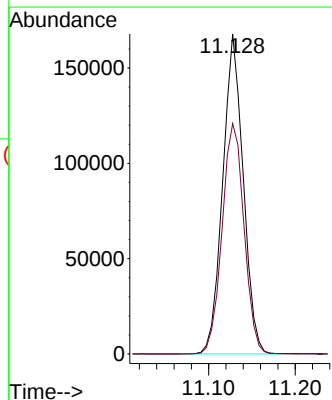
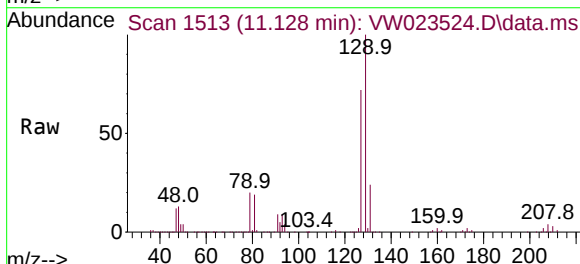
Ion	Ratio	Lower	Upper
43	100		
58	55.6	44.4	66.6
57	19.6	15.5	23.3
100	14.0	11.8	17.8

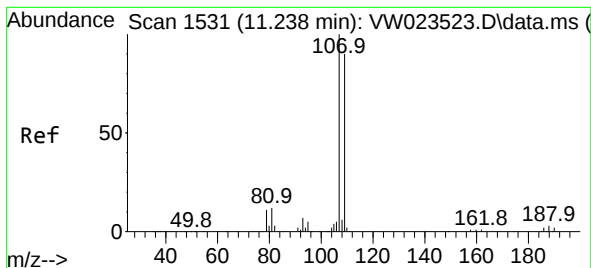


#49
Dibromochloromethane
Concen: 53.888 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion: 129 Resp: 275786

Ion	Ratio	Lower	Upper
129	100		
127	72.0	55.4	103.0

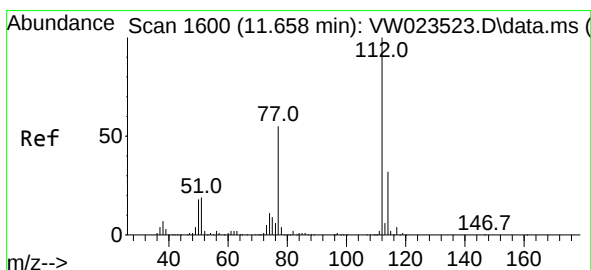
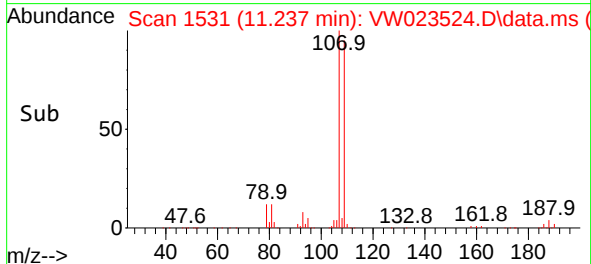
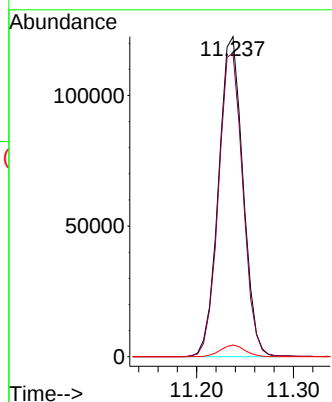
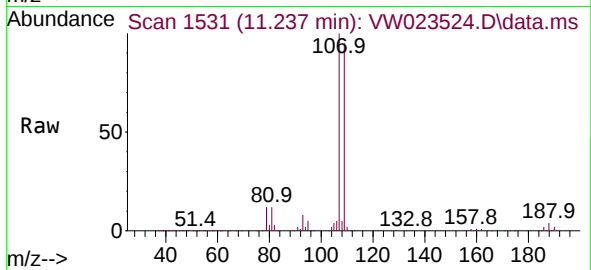




#50
1,2-Dibromoethane
Concen: 52.602 ug/L
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

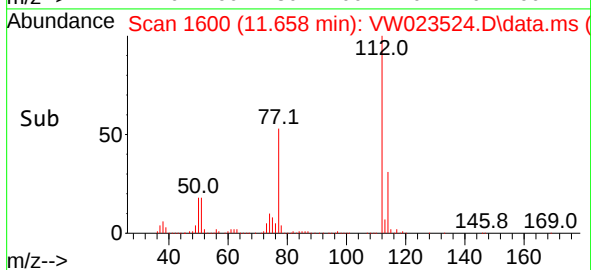
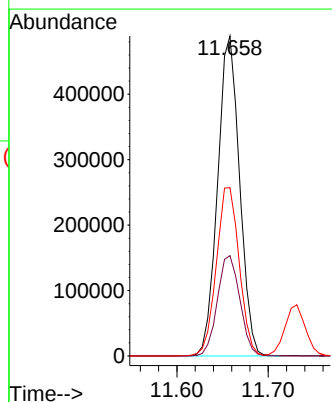
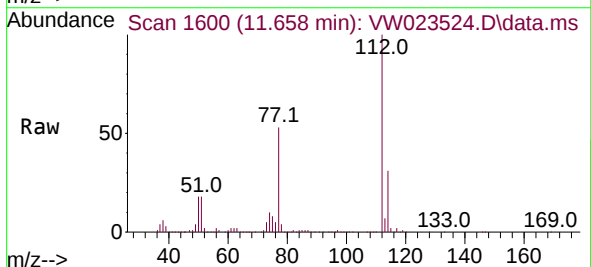
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

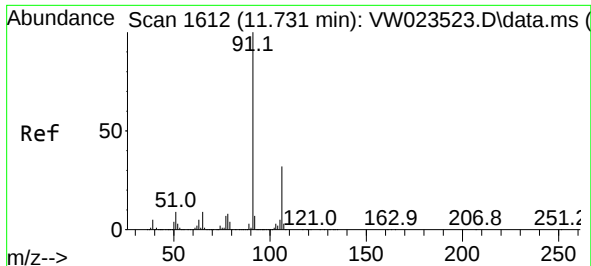
Tgt Ion:107 Resp: 214780
Ion Ratio Lower Upper
107 100
109 94.7 62.7 116.5
188 3.7 2.6 4.0



#51
Chlorobenzene
Concen: 50.518 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion:112 Resp: 817436
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.3
77 52.6 43.9 65.9

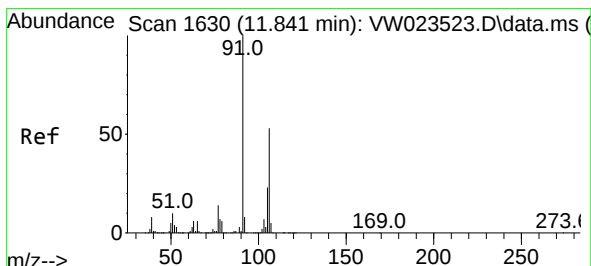
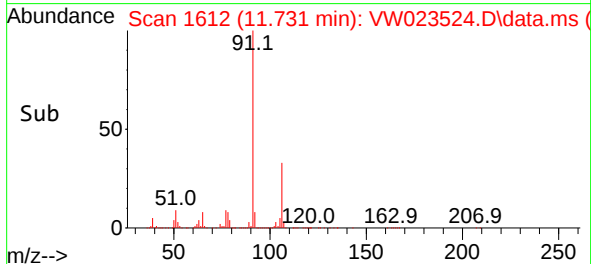
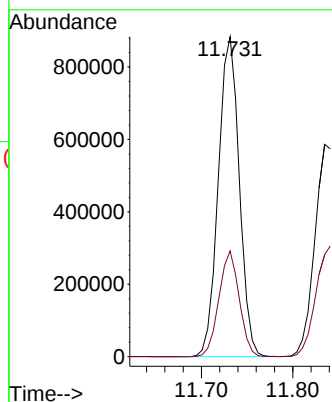
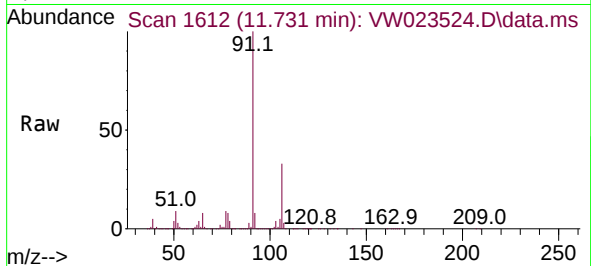




#52
Ethylbenzene
Concen: 53.120 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

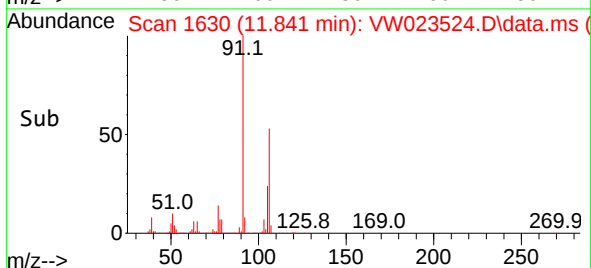
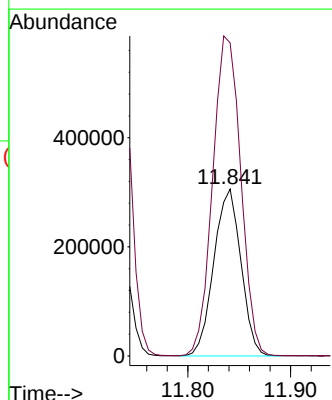
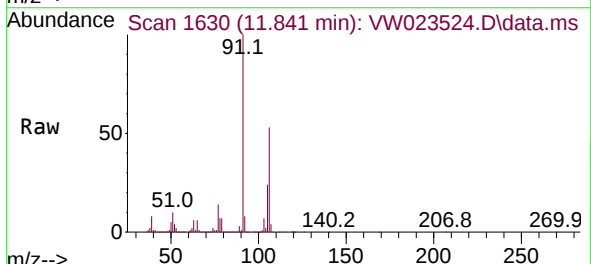
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

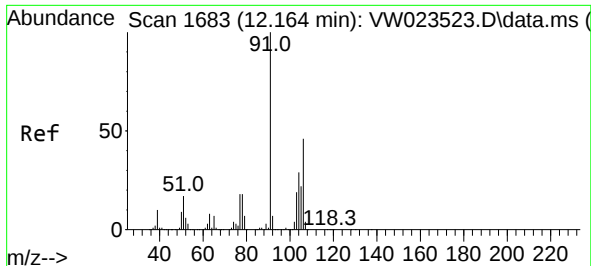
Tgt Ion: 91 Resp: 1410291
Ion Ratio Lower Upper
91 100
106 33.1 22.7 42.1



#53
m,p-Xylene
Concen: 53.377 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion: 106 Resp: 560096
Ion Ratio Lower Upper
106 100
91 187.6 131.8 244.8

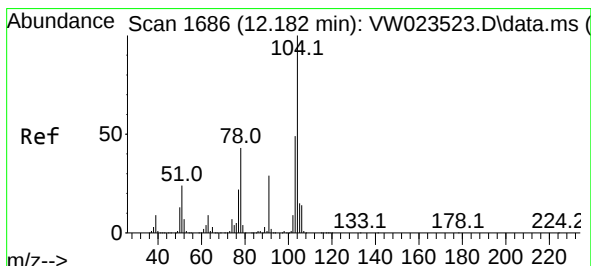
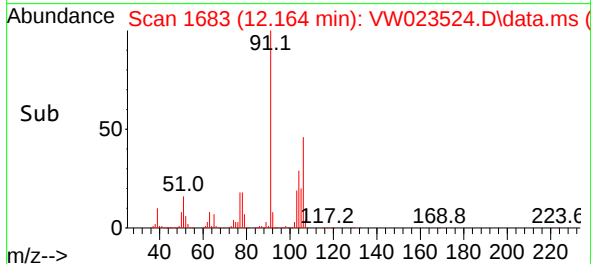
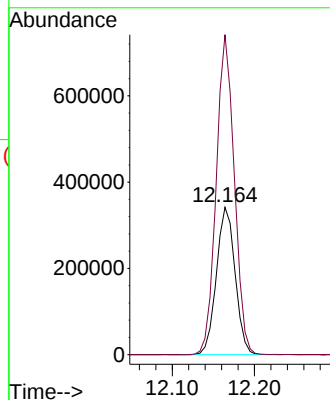
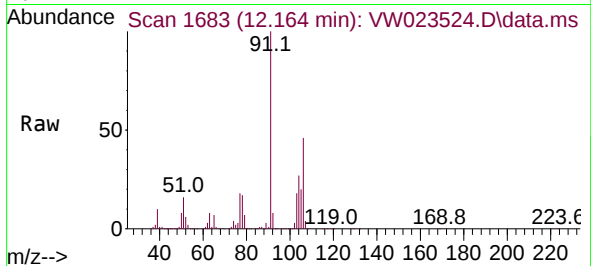




#54
o-Xylene
Concen: 55.357 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

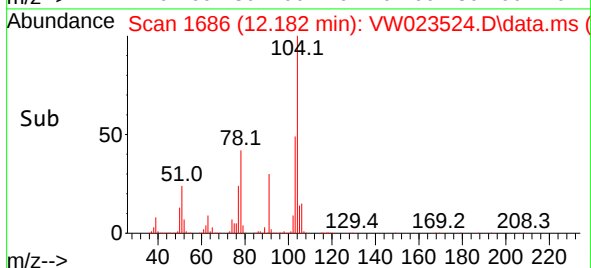
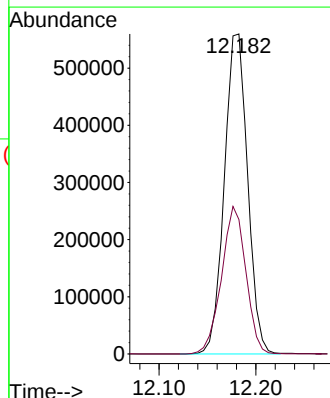
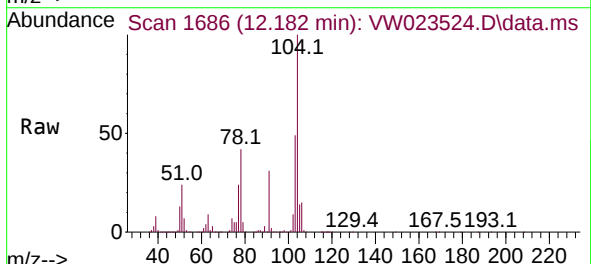
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

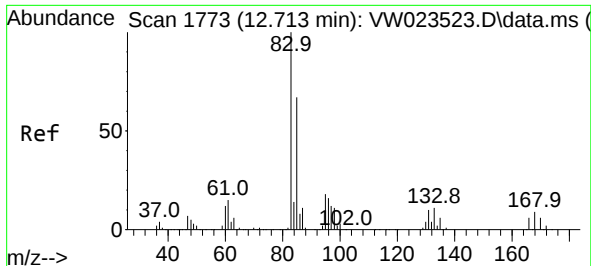
Tgt Ion:106 Resp: 540022
Ion Ratio Lower Upper
106 100
91 217.1 153.6 285.3



#55
Styrene
Concen: 55.338 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion:104 Resp: 934774
Ion Ratio Lower Upper
104 100
78 42.0 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 53.654 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD050430

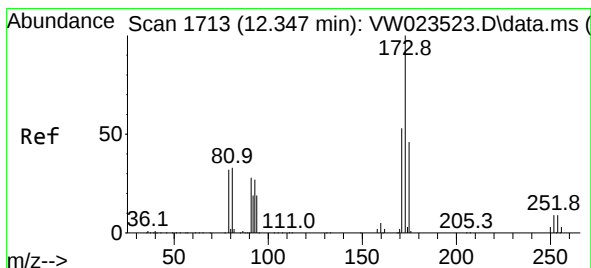
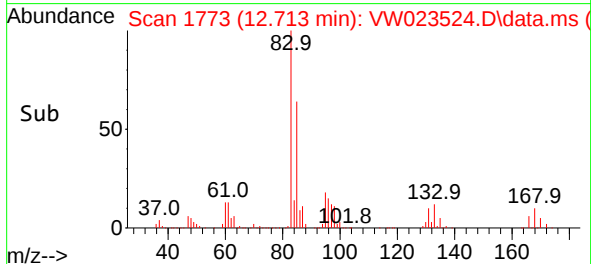
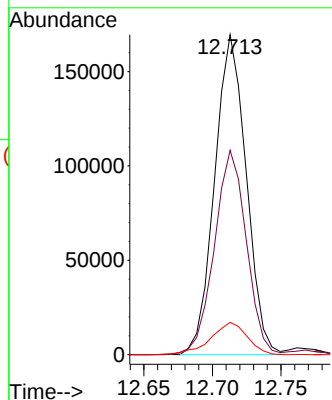
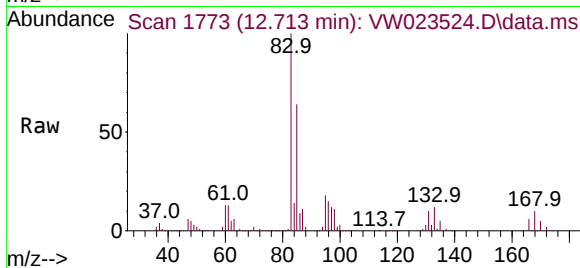
Tgt Ion: 83 Resp: 271737

Ion Ratio Lower Upper

83 100

85 63.9 46.8 87.0

131 10.1 8.1 12.1



#59

Bromoform

Concen: 54.145 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

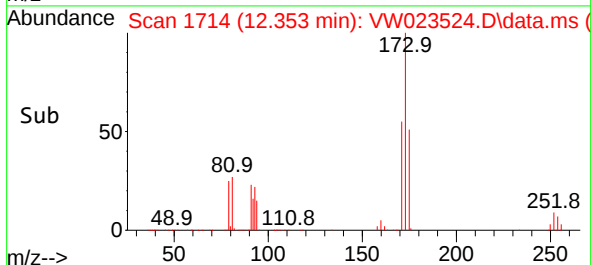
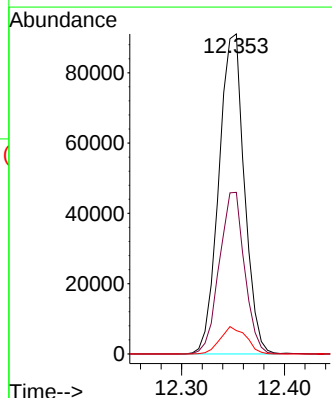
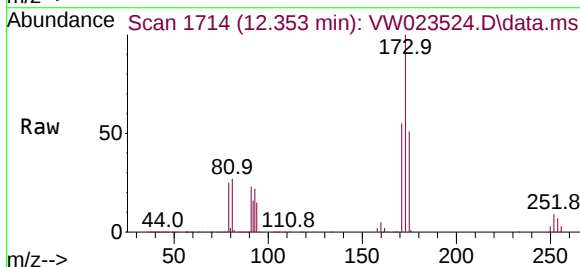
Tgt Ion:173 Resp: 156813

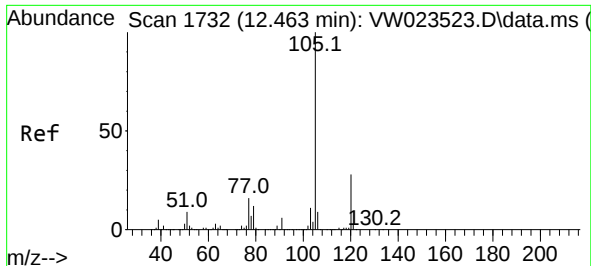
Ion Ratio Lower Upper

173 100

175 50.0 38.7 58.1

254 8.7 6.9 10.3

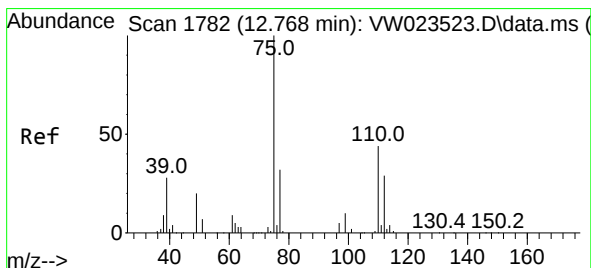
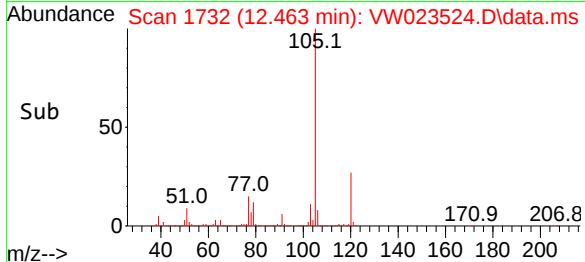
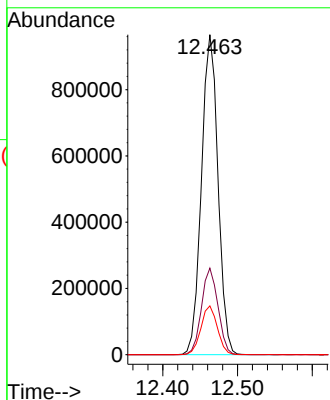
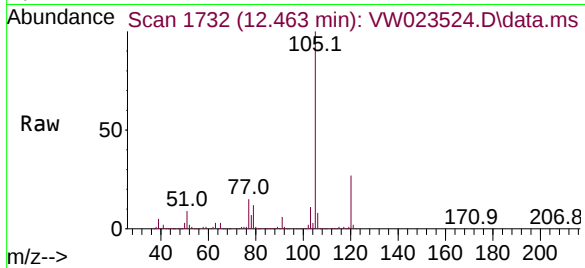




#60
Isopropylbenzene
Concen: 52.142 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

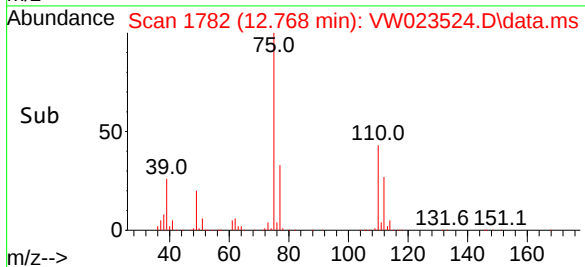
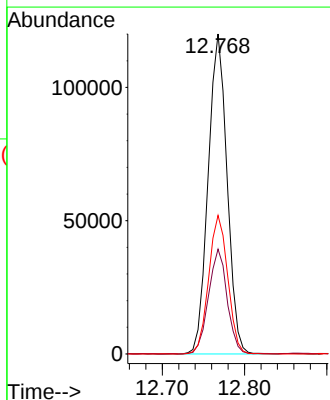
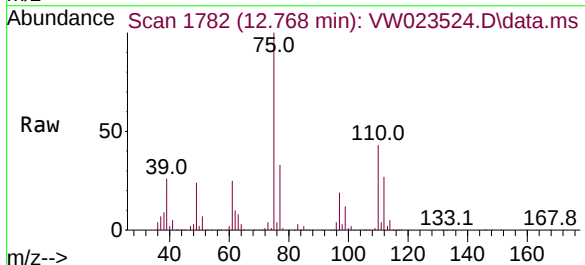
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

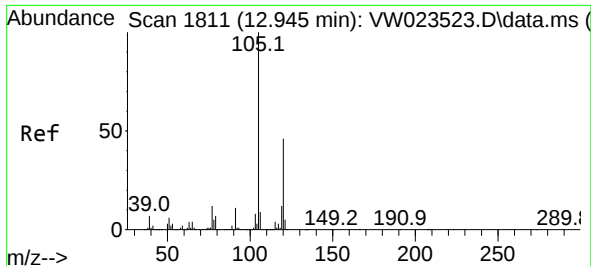
Tgt Ion:105 Resp: 1483269
Ion Ratio Lower Upper
105 100
120 26.9 22.1 33.1
77 15.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 49.813 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion: 75 Resp: 192144
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.4
110 43.6 34.0 51.0

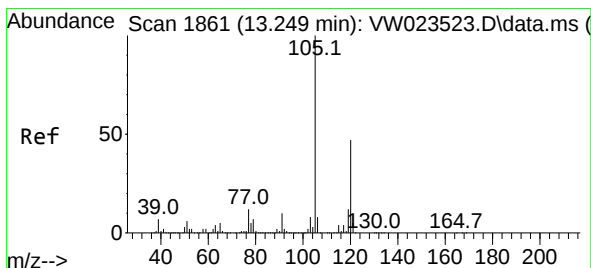
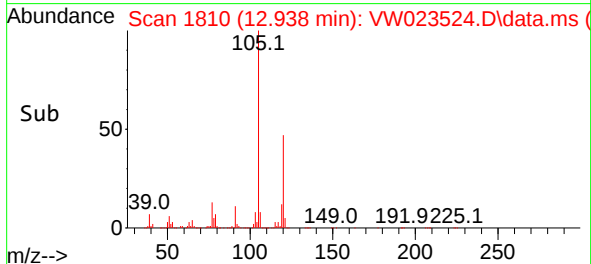
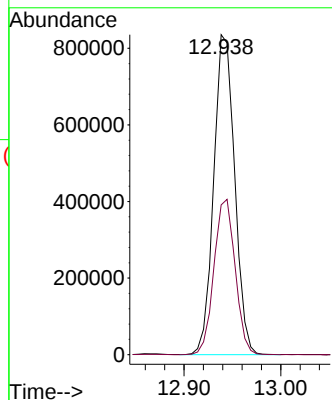
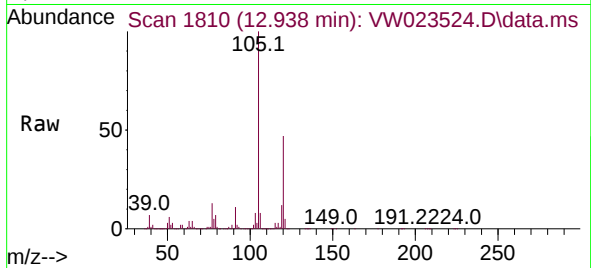




#62
1,3,5-Trimethylbenzene
Concen: 53.912 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

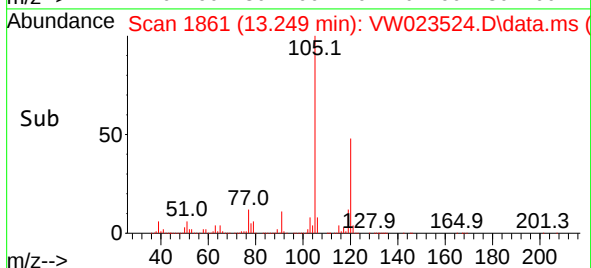
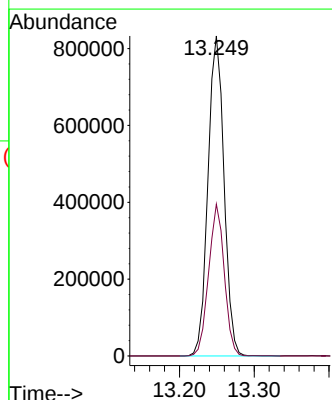
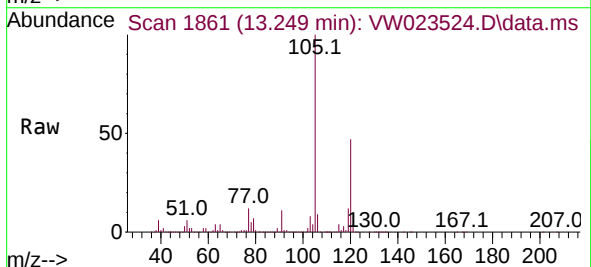
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

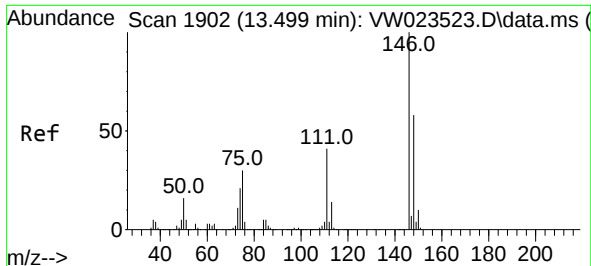
Tgt Ion:105 Resp: 1257042
Ion Ratio Lower Upper
105 100
120 49.2 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 54.009 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion:105 Resp: 1242439
Ion Ratio Lower Upper
105 100
120 46.3 37.3 55.9

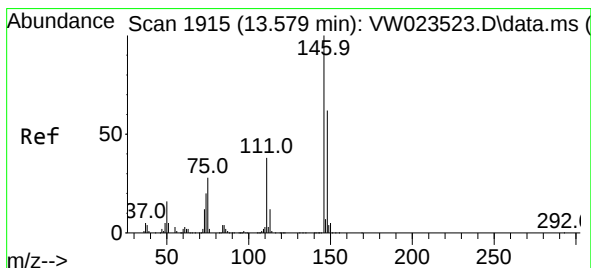
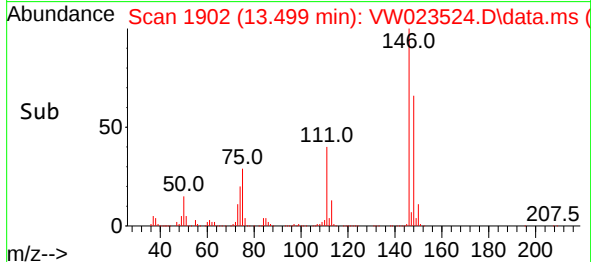
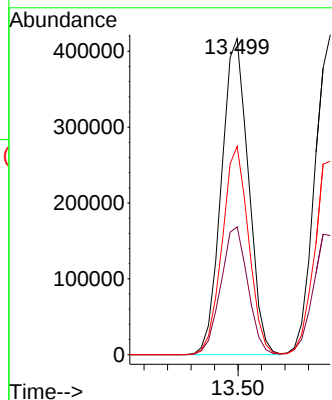
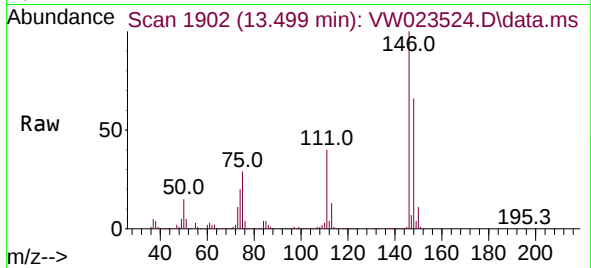




#64
1,3-Dichlorobenzene
Concen: 50.865 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

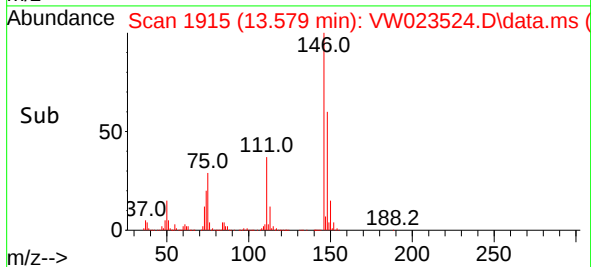
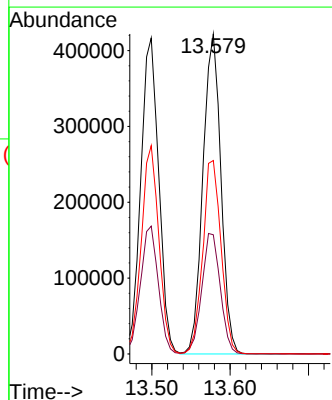
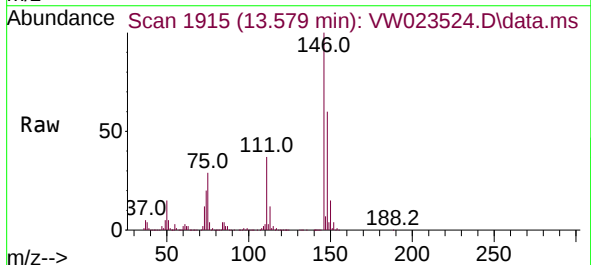
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

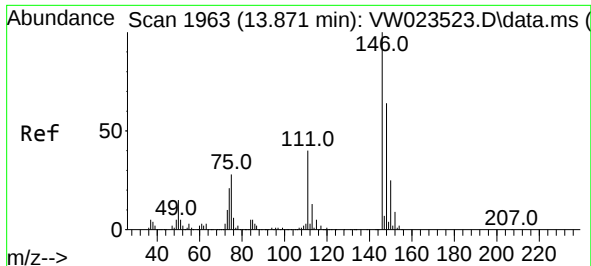
Tgt Ion:146 Resp: 666123
Ion Ratio Lower Upper
146 100
111 40.4 28.6 53.2
148 65.9 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 50.015 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion:146 Resp: 672435
Ion Ratio Lower Upper
146 100
111 37.3 27.0 50.2
148 60.5 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 51.739 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD050430

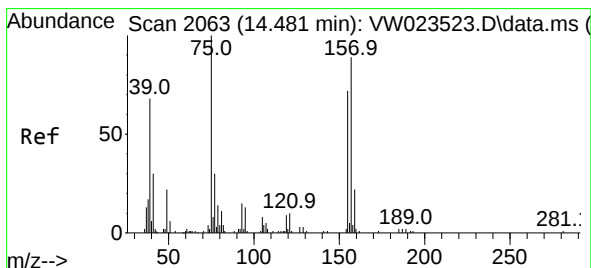
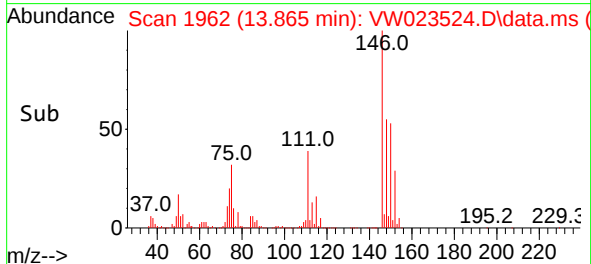
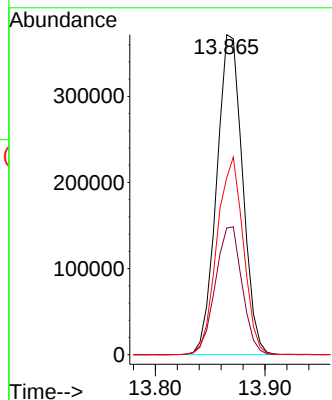
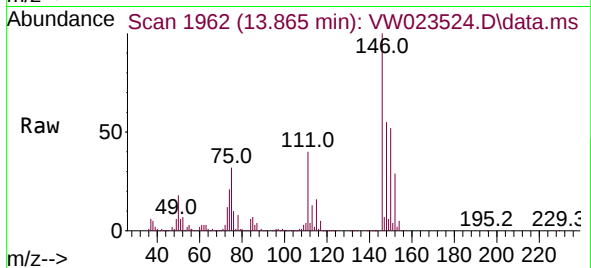
Tgt Ion:146 Resp: 610903

Ion Ratio Lower Upper

146 100

111 39.6 31.7 47.5

148 55.3 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 48.140 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

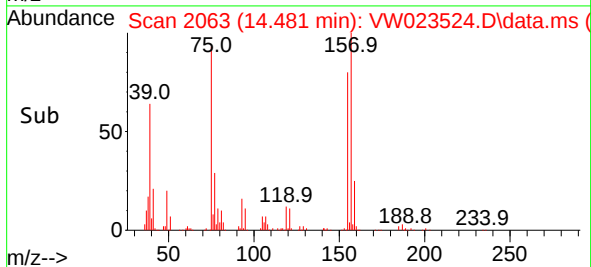
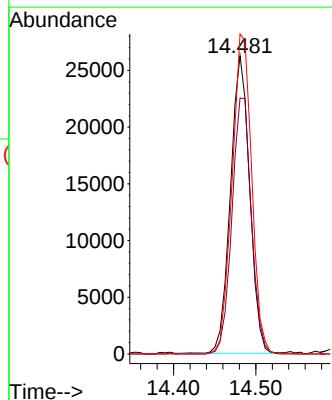
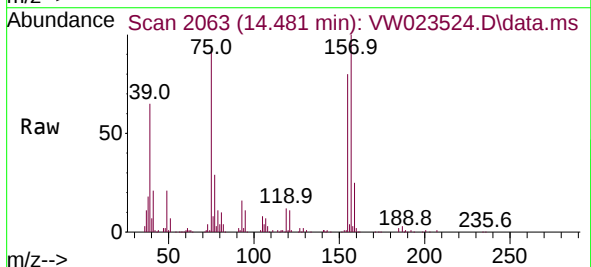
Tgt Ion: 75 Resp: 42636

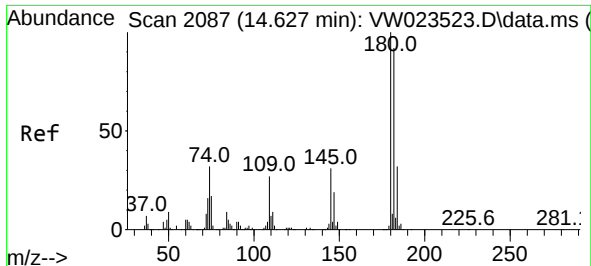
Ion Ratio Lower Upper

75 100

155 85.8 57.5 86.3

157 107.3 71.4 107.2#

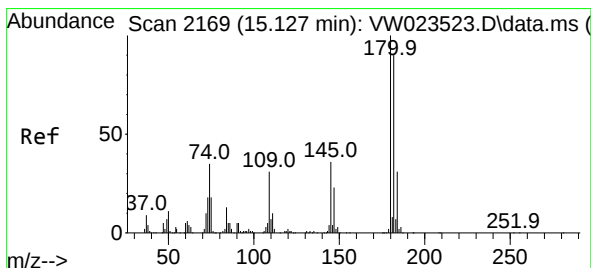
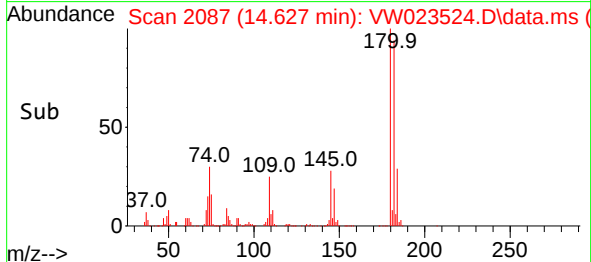
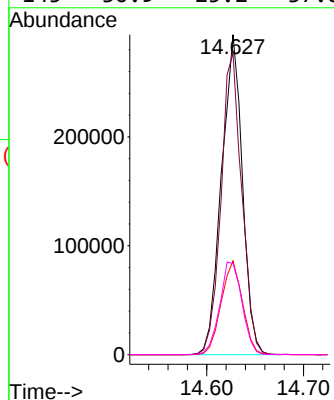
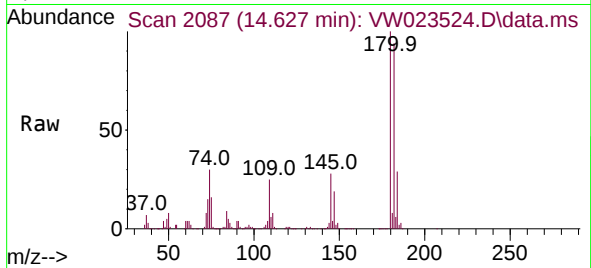




#69
1,3,5-Trichlorobenzene
Concen: 51.091 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

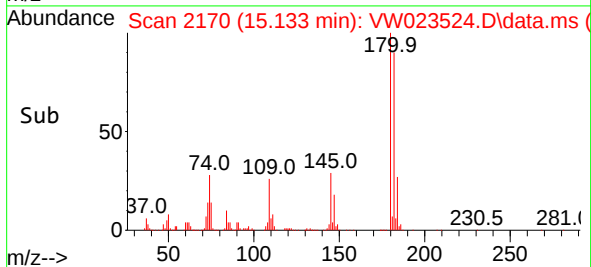
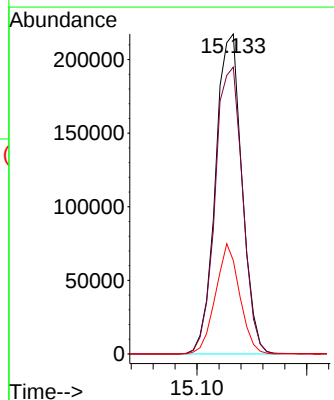
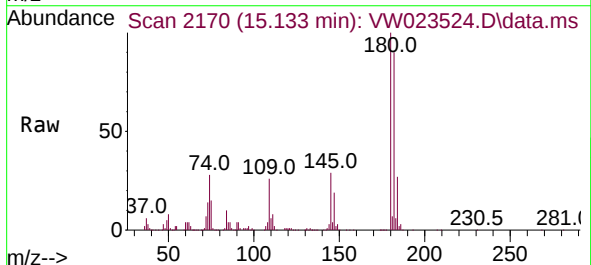
Instrument :
MSVOA_W
ClientSampleId :
VSTD050430

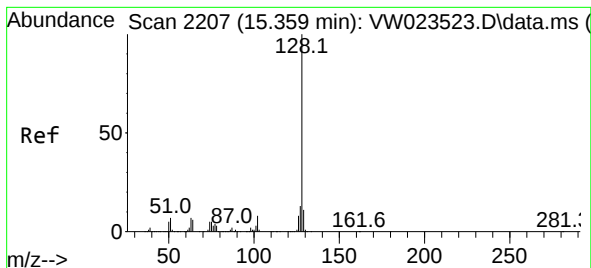
Tgt Ion:180	Resp: 438265
Ion Ratio	Lower Upper
180 100	
182 93.8	75.8 113.8
184 30.0	23.9 35.9
145 30.9	25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 55.124 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW023524.D
Acq: 28 Jun 2022 10:55

Tgt Ion:180	Resp: 364895
Ion Ratio	Lower Upper
180 100	
182 93.0	72.3 108.5
145 31.4	26.6 40.0





#71

Naphthalene

Concen: 61.264 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD050430

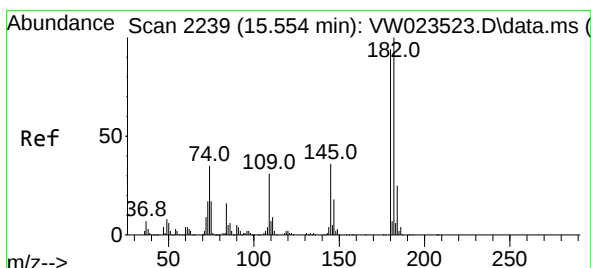
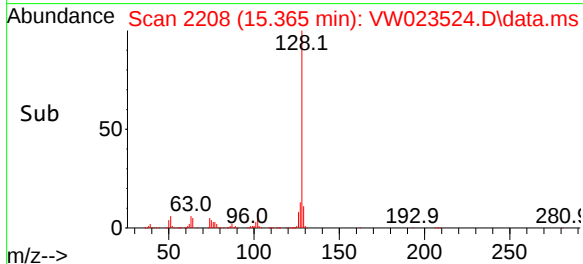
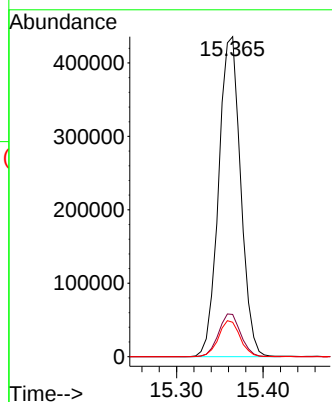
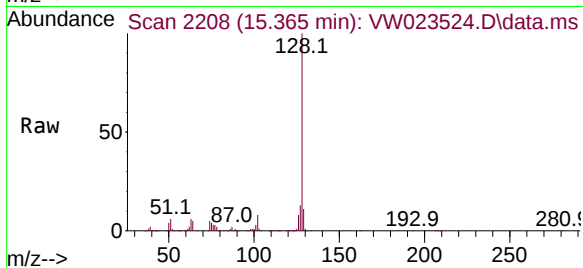
Tgt Ion:128 Resp: 769380

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 56.188 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW023524.D

Acq: 28 Jun 2022 10:55

Tgt Ion:180 Resp: 321524

Ion Ratio Lower Upper

180 100

182 95.2 78.7 118.1

145 35.6 30.2 45.2

