

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023371.D
 Acq On : 02 Jun 2022 12:53
 Operator : SY/VA
 Sample : VSTD10011
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100411

Quant Time: Jun 02 21:27:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:25:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	418712	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	400682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217505	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	620584	100.222	ug/L	0.00
7) Chloroethane-d5	2.879	69	473878	110.390	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	944668	99.257	ug/L	0.00
21) 2-Butanone-d5	7.073	46	290533	228.633	ug/L	0.00
24) Chloroform-d	7.646	84	1124349	101.974	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	585510	101.387	ug/L	0.00
32) Benzene-d6	8.274	84	2203435	102.347	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	629656	102.229	ug/L	0.00
41) Toluene-d8	10.323	98	2187324	106.557	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	306427	111.445	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	245626	248.236	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	587116	108.074	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	808736	105.190	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	232997	135.581	ug/L	97
3) Chloromethane	2.214	50	500086	96.717	ug/L	98
5) Vinyl chloride	2.361	62	803130	99.784	ug/L	99
6) Bromomethane	2.769	94	419684	106.815	ug/L	100
8) Chloroethane	2.916	64	403902	109.770	ug/L	94
9) Trichlorofluoromethane	3.251	101	362274	95.286	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	538518	97.754	ug/L	98
12) 1,1-Dichloroethene	4.037	96	494888	103.132	ug/L	96
13) Acetone	4.117	43	188502	202.827	ug/L	95
14) Carbon disulfide	4.385	76	1605101	100.141	ug/L	99
15) Methyl Acetate	4.665	43	216666	105.596	ug/L	99
16) Methylene chloride	4.909	84	530886	88.512	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	567351	101.345	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	853537	103.567	ug/L	98
19) 1,1-Dichloroethane	6.214	63	949712	100.150	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	614881	104.593	ug/L	95
22) 2-Butanone	7.165	43	300764	216.711	ug/L	99
23) Bromochloromethane	7.512	128	287189	103.268	ug/L	97
25) Chloroform	7.677	83	1049346	101.102	ug/L	98
27) 1,2-Dichloroethane	8.402	62	663591	99.304	ug/L	98
29) Cyclohexane	7.957	56	913460	106.738	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	926168	99.878	ug/L	99
31) Carbon tetrachloride	8.067	117	881356	101.059	ug/L	98
33) Benzene	8.323	78	2300994	100.250	ug/L	100
34) Trichloroethene	9.091	95	622800	100.189	ug/L	98
35) Methylcyclohexane	9.335	83	1107601	107.551	ug/L	98
37) 1,2-Dichloropropane	9.366	63	539372	99.747	ug/L	100
38) Bromodichloromethane	9.646	83	781017	102.039	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	934202	109.992	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	688475	224.660	ug/L	97
42) Toluene	10.384	91	2671462	104.768	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	851248	112.007	ug/L	99

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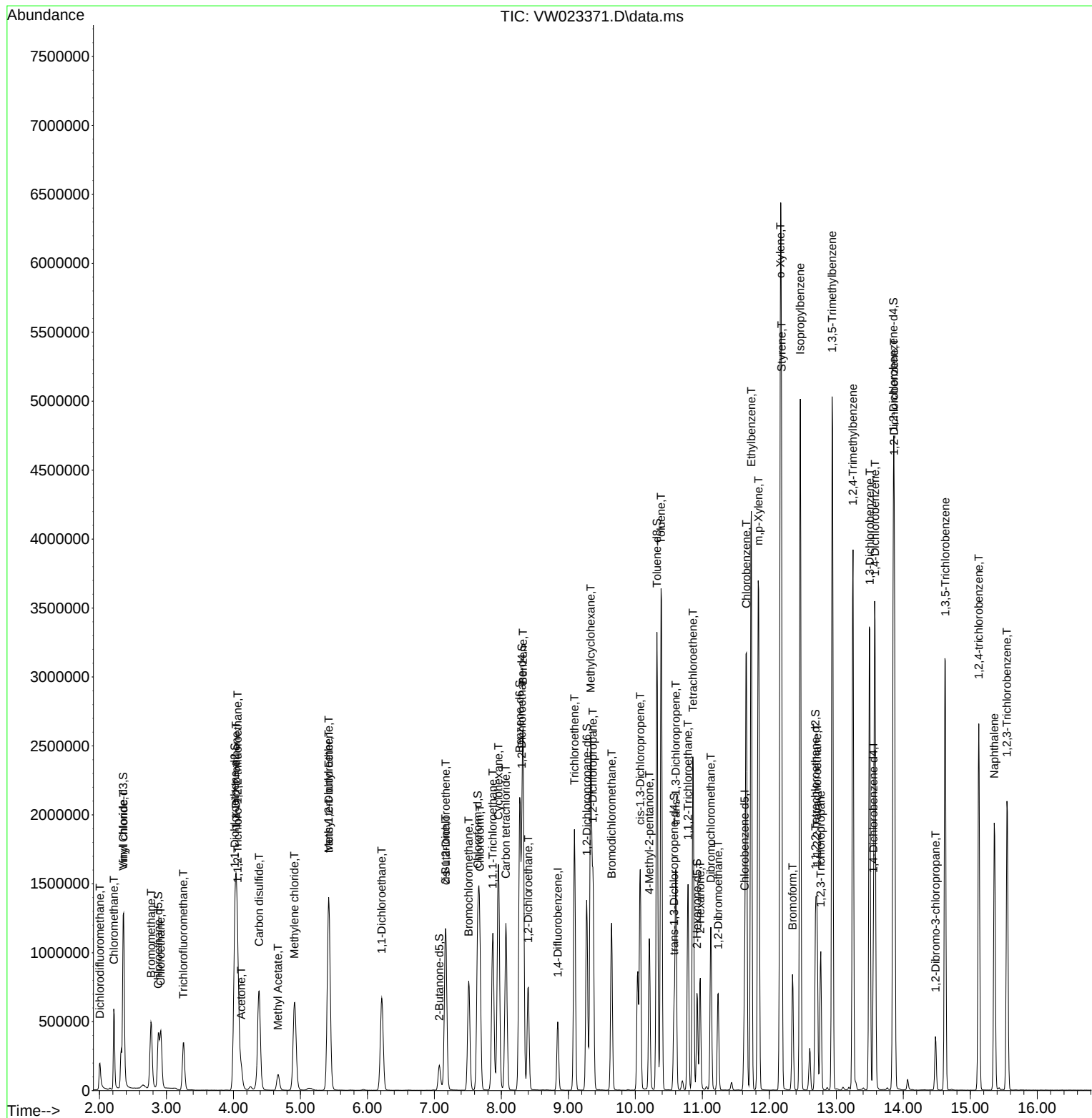
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	448917	101.400	ug/L	97
46) Tetrachloroethene	10.859	164	526480	105.771	ug/L	93
48) 2-Hexanone	10.969	43	489196	238.834	ug/L	99
49) Dibromochloromethane	11.127	129	600402	110.515	ug/L	94
50) 1,2-Dibromoethane	11.237	107	460888	106.789	ug/L	95
51) Chlorobenzene	11.658	112	1743248	103.540	ug/L	97
52) Ethylbenzene	11.731	91	2981006	106.460	ug/L	98
53) m,p-Xylene	11.841	106	1218787	109.914	ug/L	94
54) o-Xylene	12.164	106	1174455	110.706	ug/L	97
55) Styrene	12.182	104	2039822	112.823	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	546527	104.518	ug/L	97
59) Bromoform	12.347	173	373500	116.976	ug/L	99
60) Isopropylbenzene	12.463	105	3223778	108.069	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	383283	98.034	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2693102	110.186	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2092463	110.274	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	1393238	102.734	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	1399745	100.968	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	1255724	102.440	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.480	75	90302	103.695	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	956161	106.758	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	829490	116.564	ug/L	98
71) Naphthalene	15.358	128	1684524	125.733	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	693953	112.665	ug/L	99

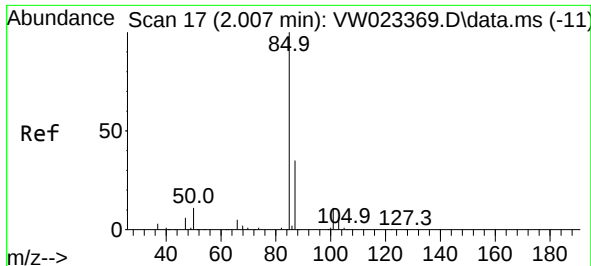
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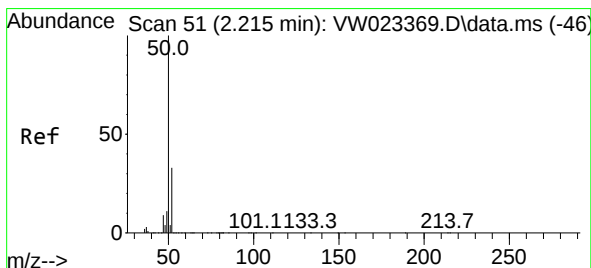
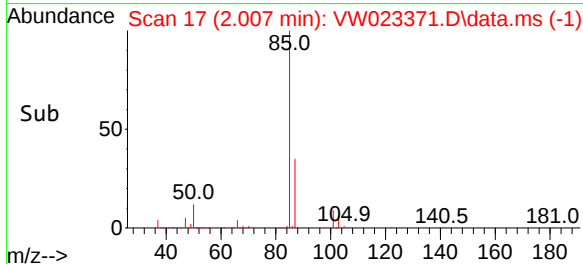
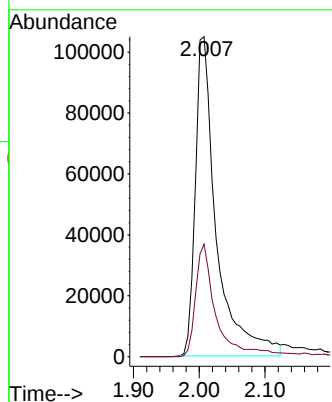
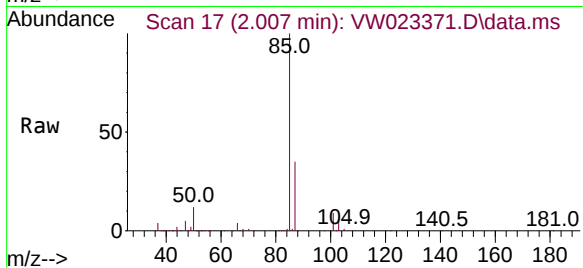




#2
 Dichlorodifluoromethane
 Concen: 135.581 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023371.D
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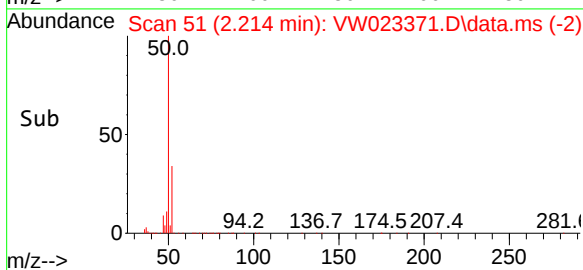
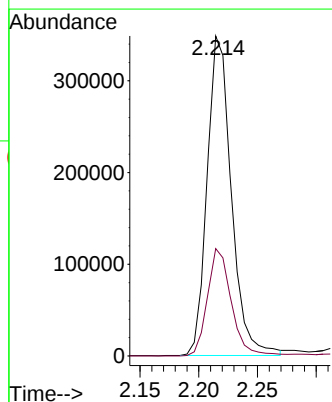
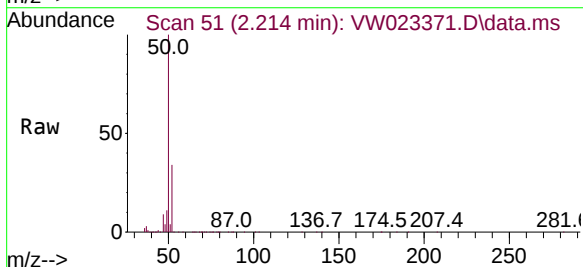
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 MSVOA_W
 ClientSampleId :
 VSTD100411

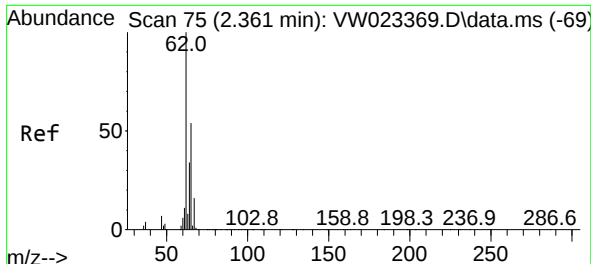
Tgt Ion: 85 Resp: 232997
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.3 39.5



#3
 Chloromethane
 Concen: 96.717 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023371.D
 Acq: 02 Jun 2022 12:53

Tgt Ion: 50 Resp: 500086
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.8 42.4

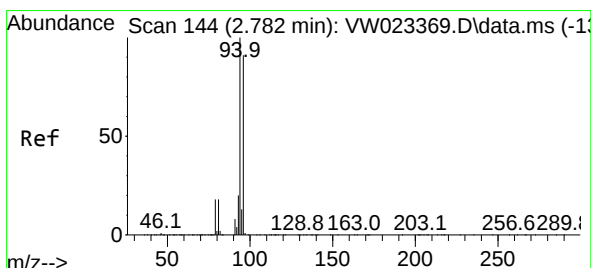
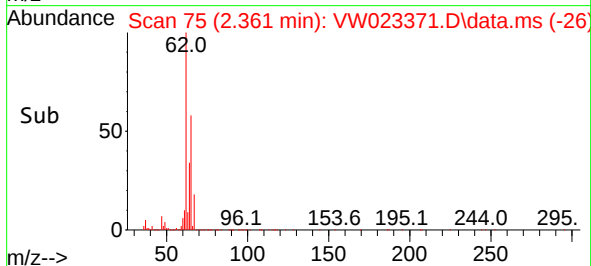
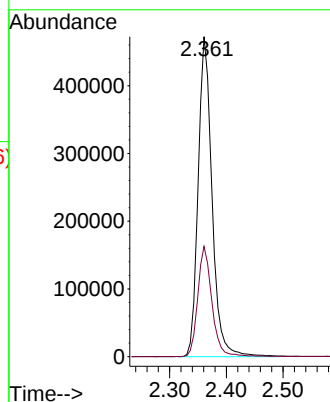
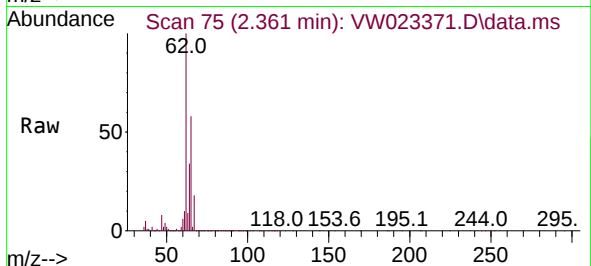




#5
 Vinyl chloride
 Concen: 99.784 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023371.D
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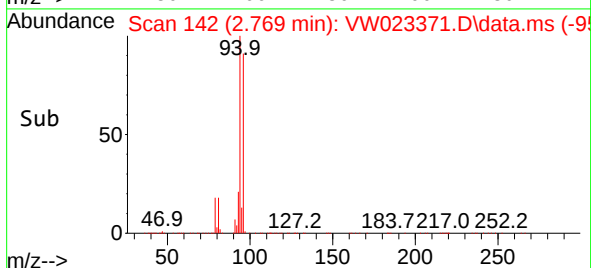
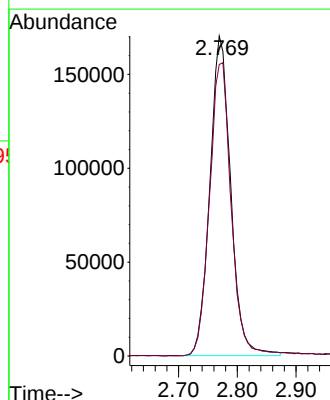
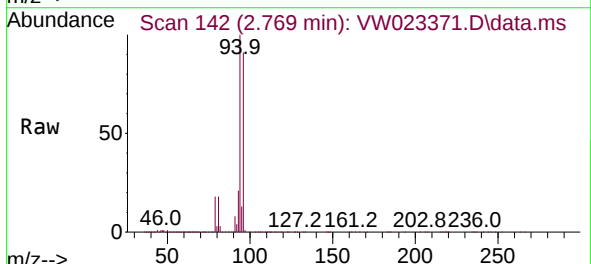
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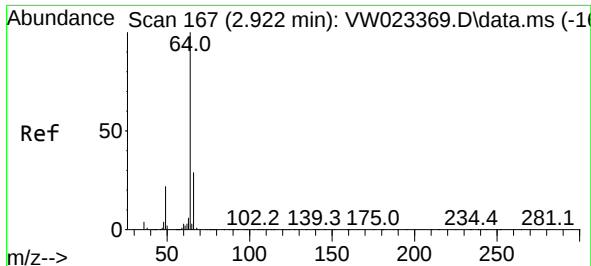
Tgt Ion: 62 Resp: 803130
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.9 44.3



#6
 Bromomethane
 Concen: 106.815 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW023371.D
 Acq: 02 Jun 2022 12:53

Tgt Ion: 94 Resp: 419684
 Ion Ratio Lower Upper
 94 100
 96 91.1 63.8 118.4

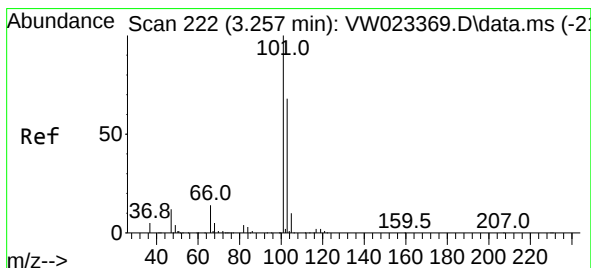
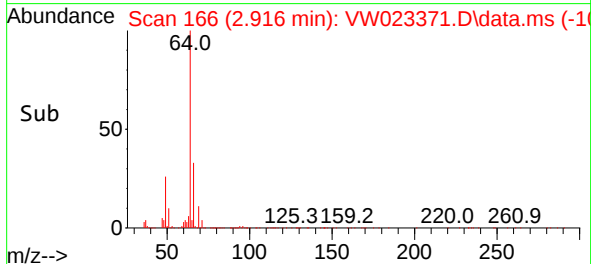
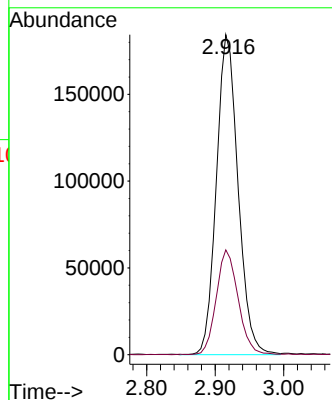
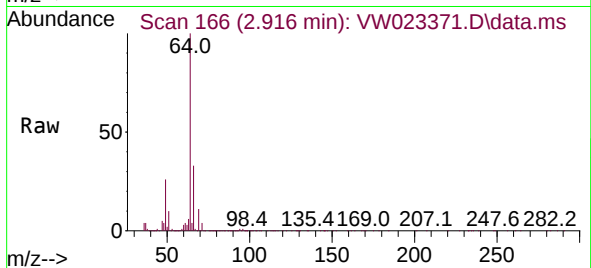




#8
Chloroethane
Concen: 109.770 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

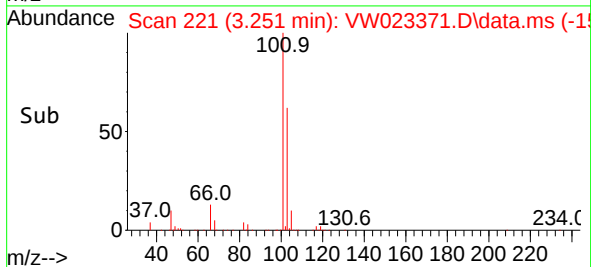
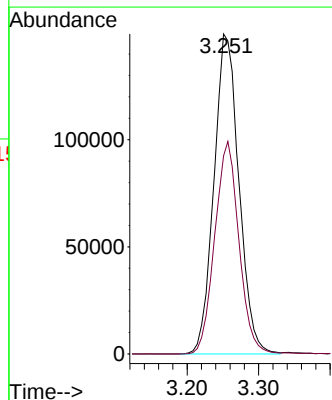
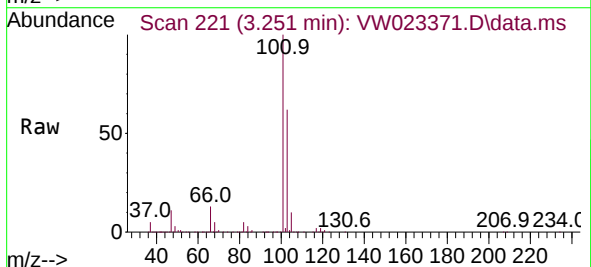
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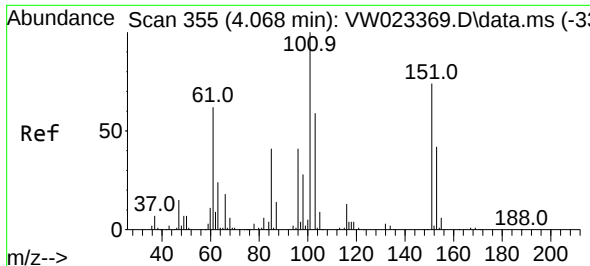
Tgt Ion: 64 Resp: 403902
Ion Ratio Lower Upper
64 100
66 32.8 20.6 38.4



#9
Trichlorofluoromethane
Concen: 95.286 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion:101 Resp: 362274
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

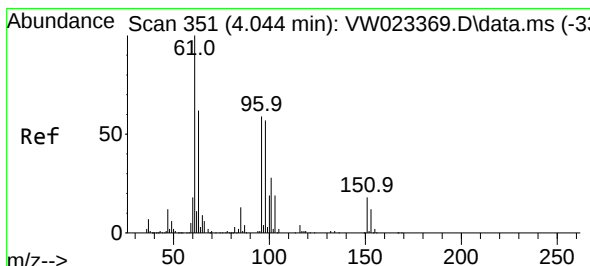
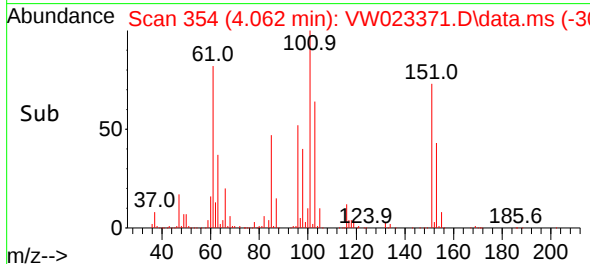
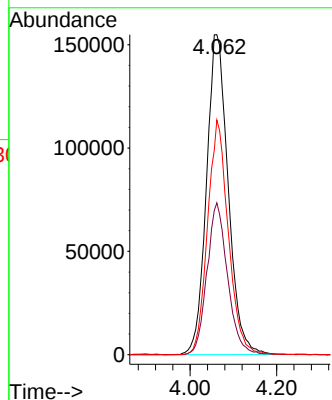
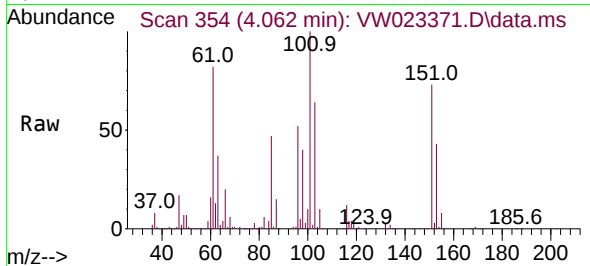




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 97.754 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW023371.D
 Acq: 02 Jun 2022 12:53

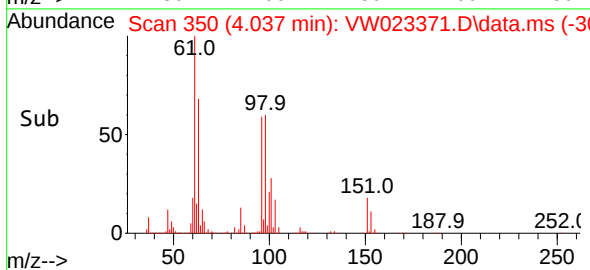
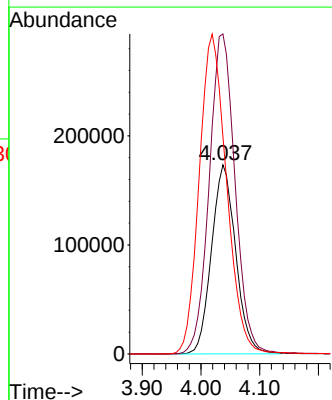
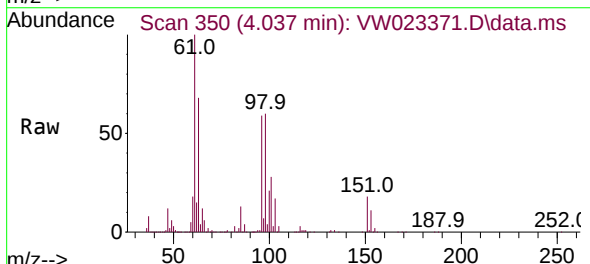
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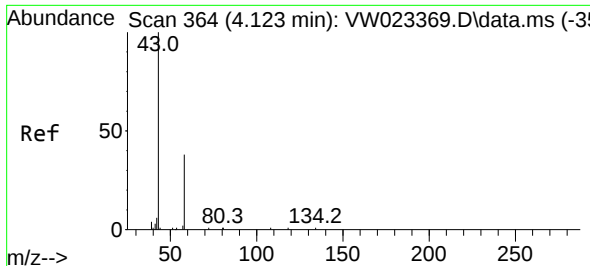
Tgt Ion:101 Resp: 538518
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.4 53.0
 151 70.2 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 103.132 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023371.D
 Acq: 02 Jun 2022 12:53

Tgt Ion: 96 Resp: 494888
 Ion Ratio Lower Upper
 96 100
 61 169.2 119.4 221.8
 63 114.9 74.7 138.7





#13

Acetone

Concen: 202.827 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.006 min

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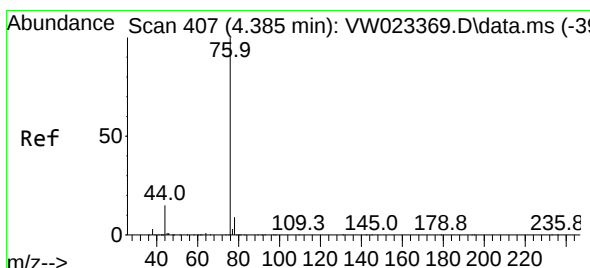
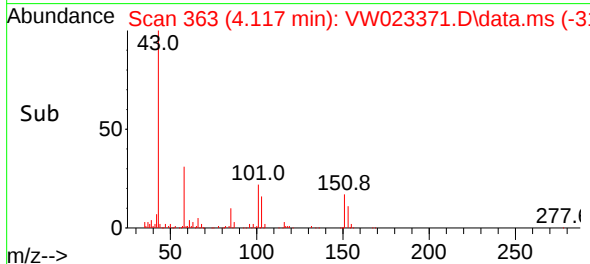
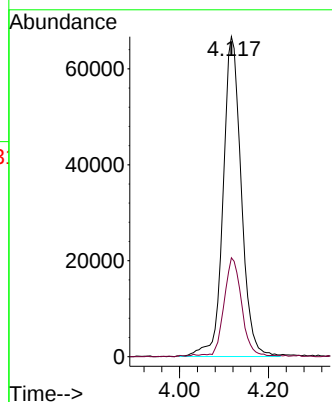
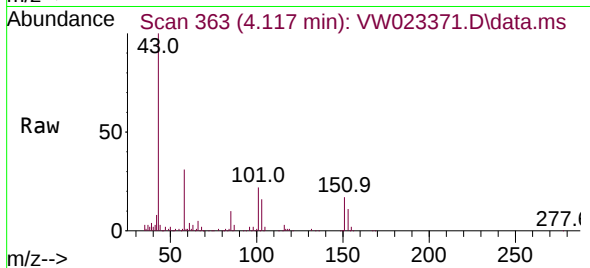
VSTD100411

Tgt Ion: 43 Resp: 188502

Ion Ratio Lower Upper

43 100

58 28.9 0.0 63.0



#14

Carbon disulfide

Concen: 100.141 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023371.D

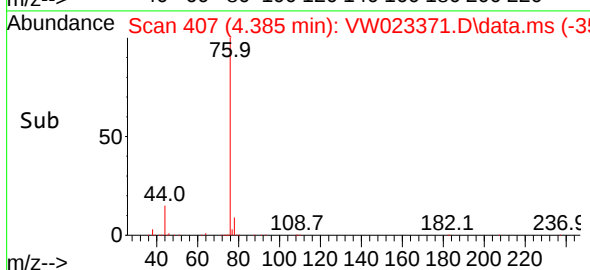
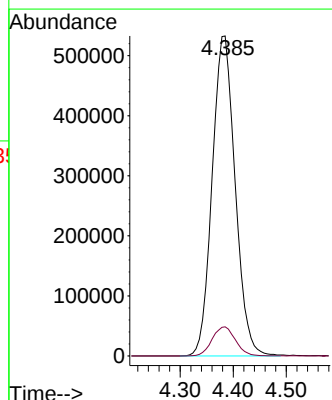
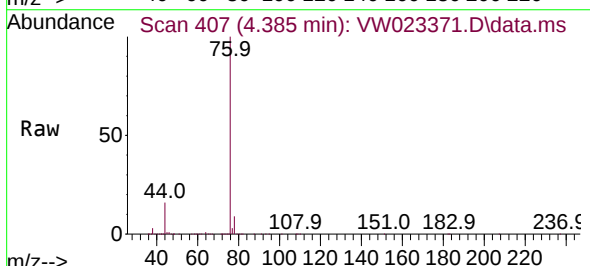
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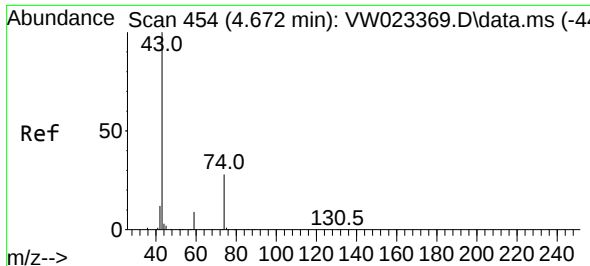
Tgt Ion: 76 Resp: 1605101

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

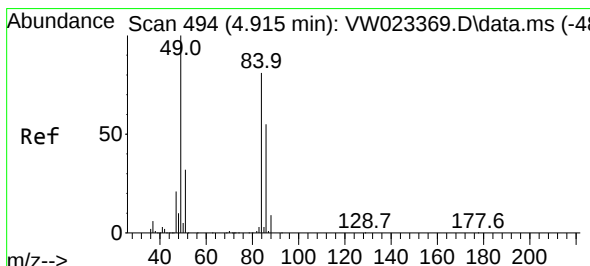
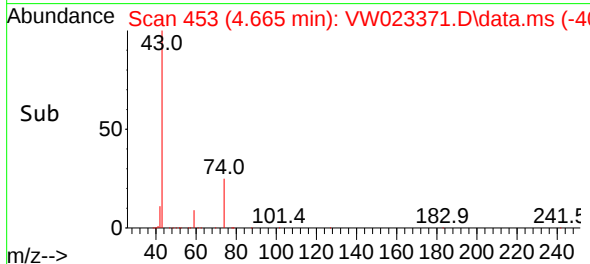
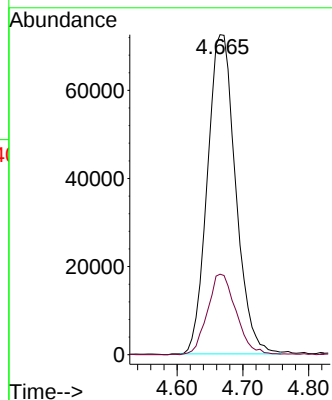
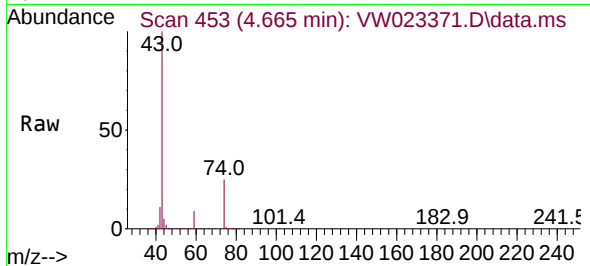




#15
Methyl Acetate
Concen: 105.596 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

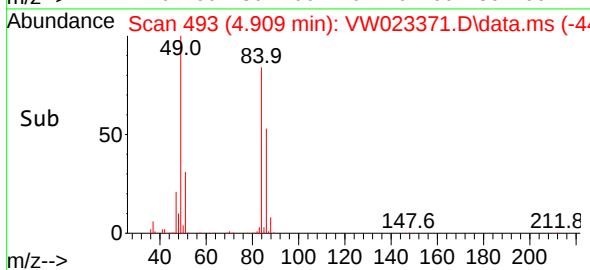
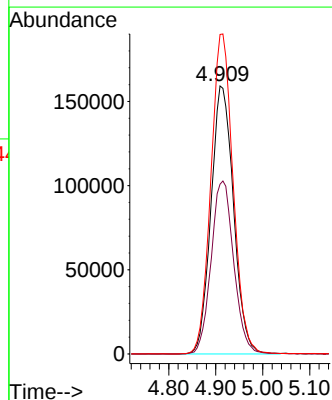
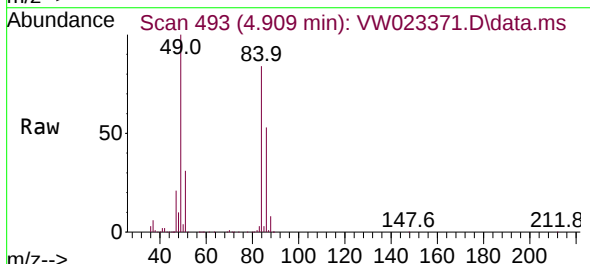
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

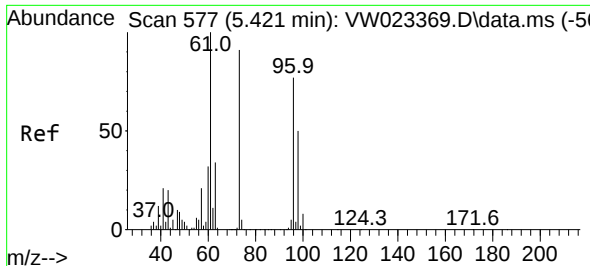
Tgt Ion: 43 Resp: 216666
Ion Ratio Lower Upper
43 100
74 25.7 20.2 30.2



#16
Methylene chloride
Concen: 88.512 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion: 84 Resp: 530886
Ion Ratio Lower Upper
84 100
86 63.3 47.3 87.9
49 119.2 86.8 161.2

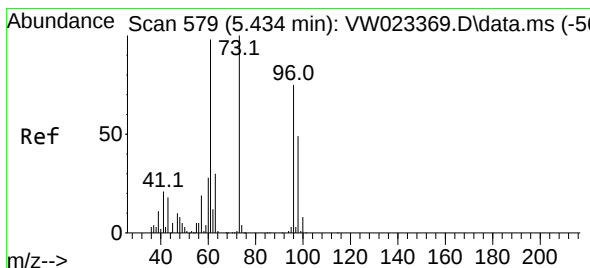
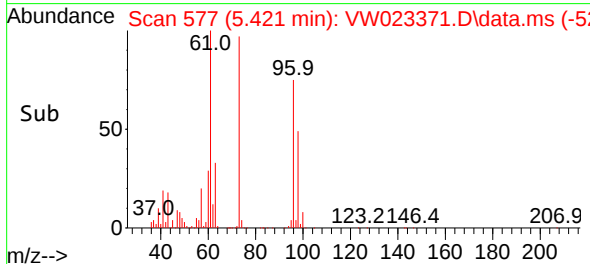
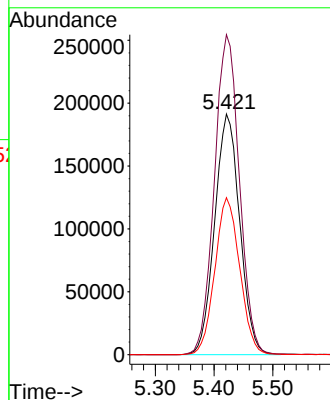
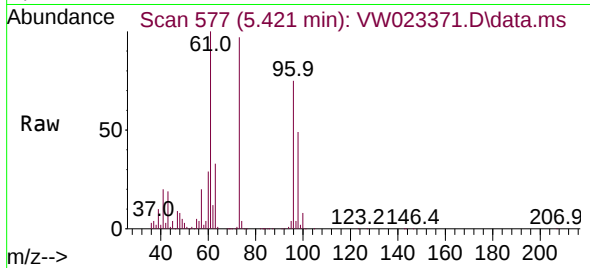




#17
trans-1,2-Dichloroethene
Concen: 101.345 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

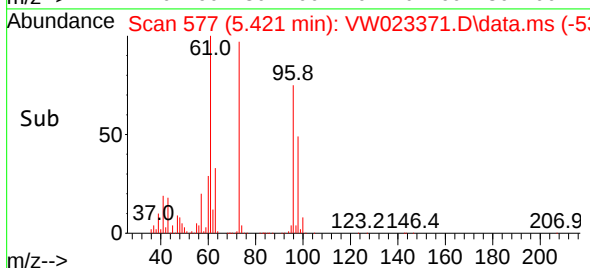
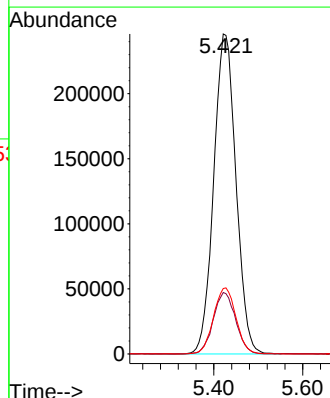
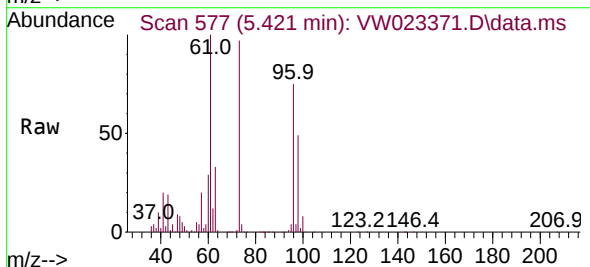
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

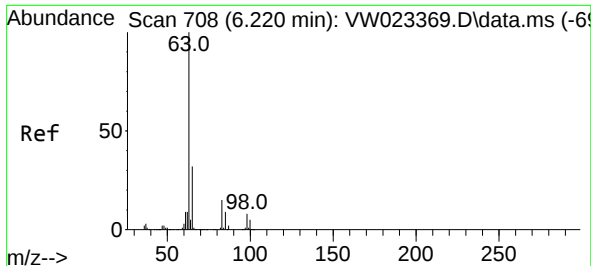
Tgt Ion: 96 Resp: 567351
Ion Ratio Lower Upper
96 100
61 132.9 91.6 170.0
98 65.2 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 103.567 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion: 73 Resp: 853537
Ion Ratio Lower Upper
73 100
43 19.3 16.6 25.0
57 20.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 100.150 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

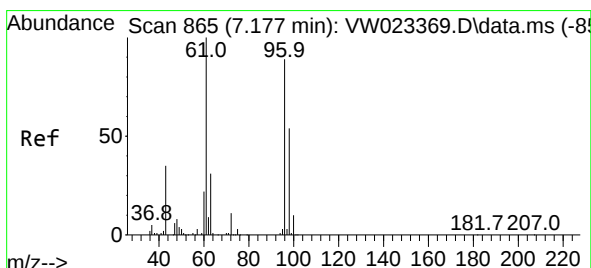
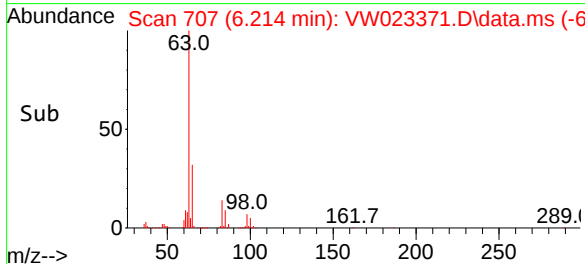
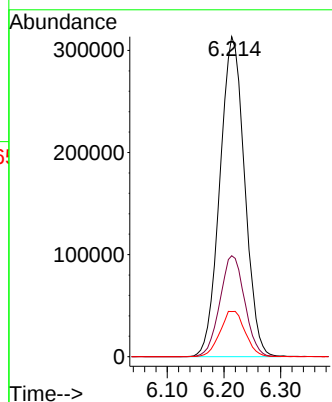
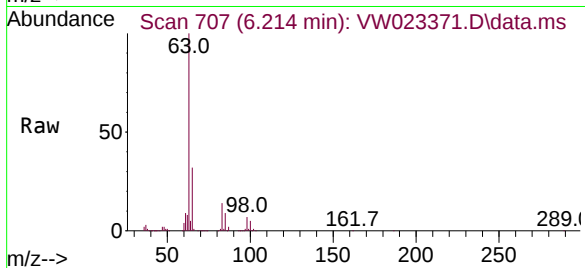
Tgt Ion: 63 Resp: 949712

Ion Ratio Lower Upper

63 100

65 31.5 22.7 42.1

83 14.1 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 104.593 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

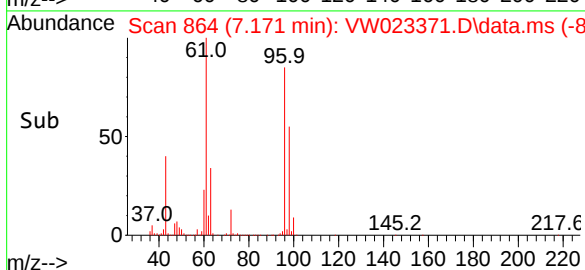
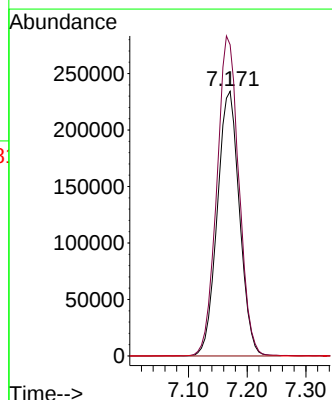
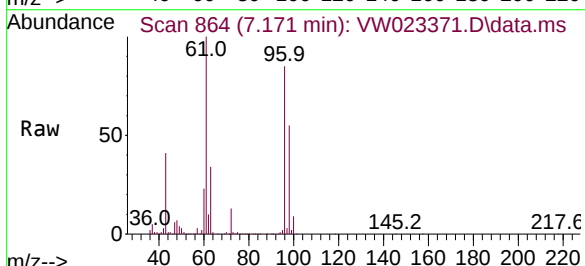
Tgt Ion: 96 Resp: 614881

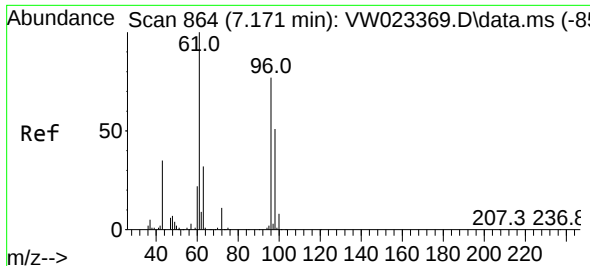
Ion Ratio Lower Upper

96 100

61 117.6 78.6 146.0

68 0.0 0.0 0.0

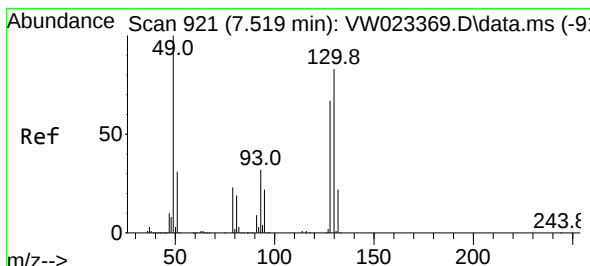
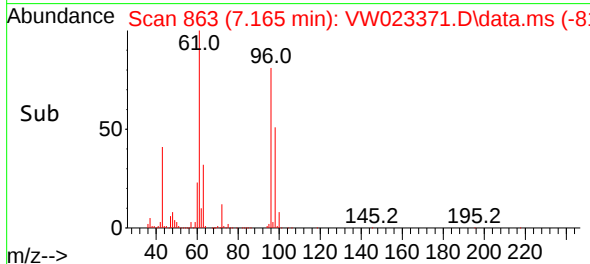
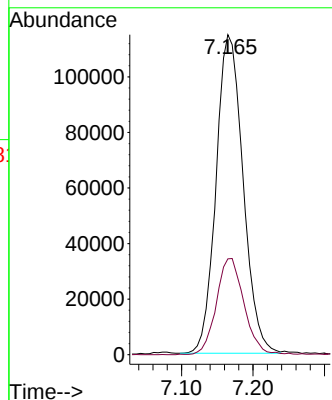
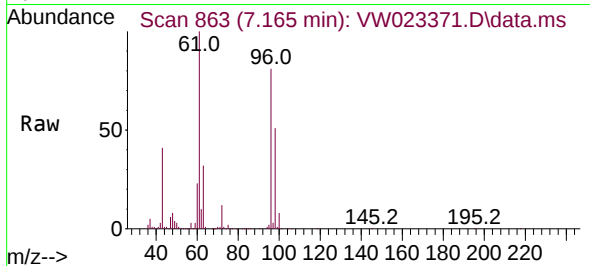




#22
2-Butanone
Concen: 216.711 ug/L
RT: 7.165 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

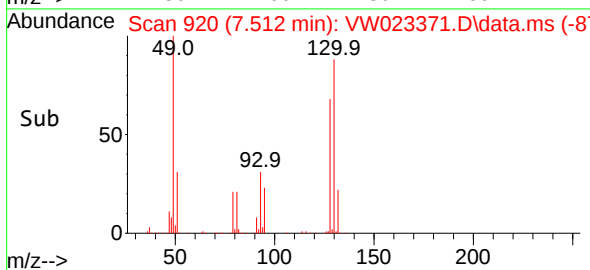
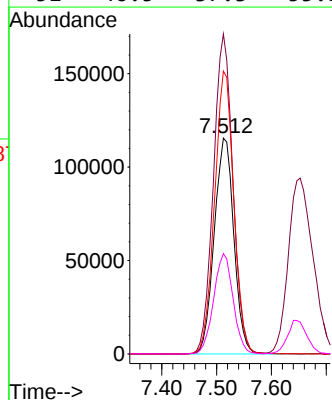
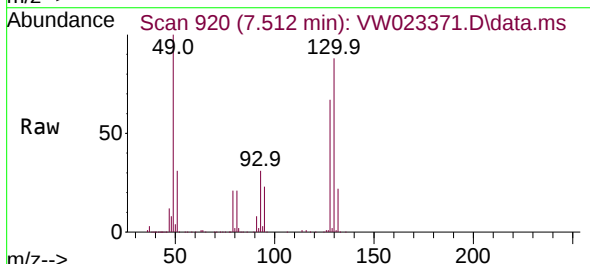
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

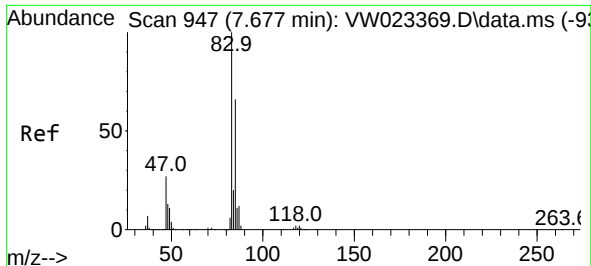
Tgt Ion: 43 Resp: 300764
Ion Ratio Lower Upper
43 100
72 30.6 15.7 47.0



#23
Bromochloromethane
Concen: 103.268 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion: 128 Resp: 287189
Ion Ratio Lower Upper
128 100
49 148.2 105.1 195.3
130 131.0 86.9 161.5
51 46.5 37.3 55.9

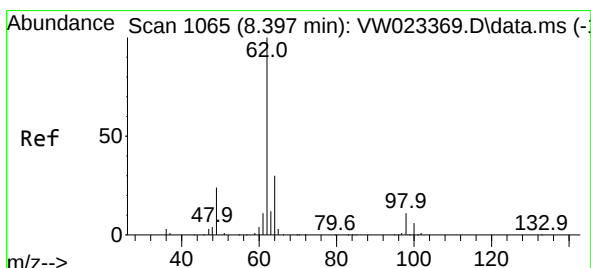
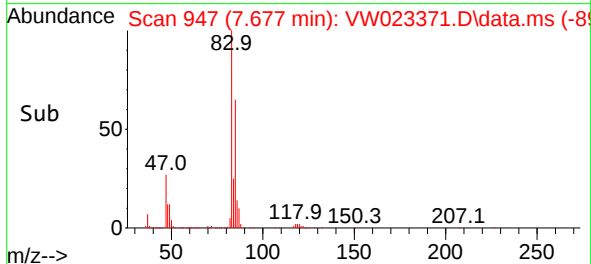
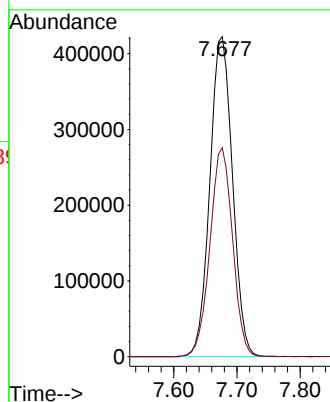
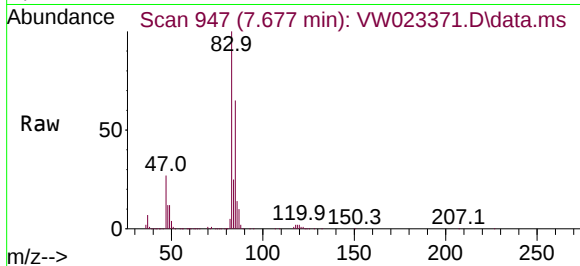




#25
Chloroform
Concen: 101.102 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

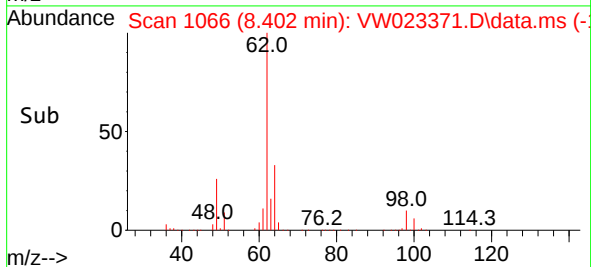
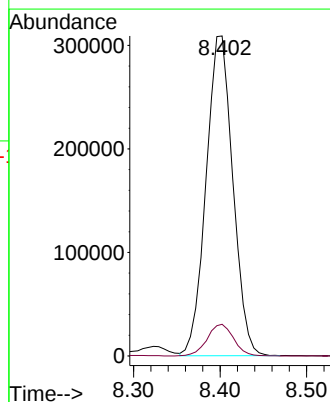
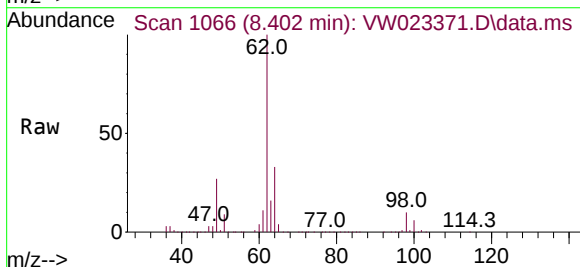
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

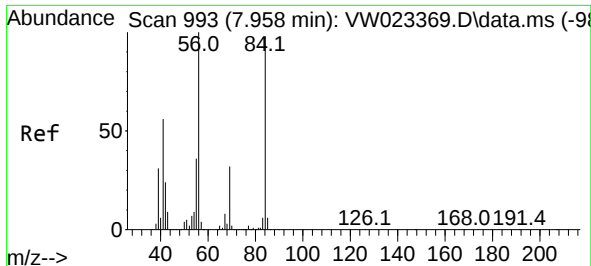
Tgt Ion: 83 Resp: 1049346
Ion Ratio Lower Upper
83 100
85 65.3 46.7 86.7



#27
1,2-Dichloroethane
Concen: 99.304 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

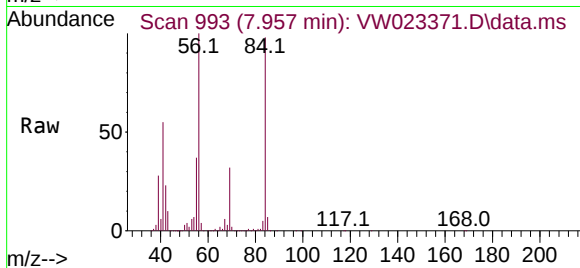
Tgt Ion: 62 Resp: 663591
Ion Ratio Lower Upper
62 100
98 9.9 8.5 12.7



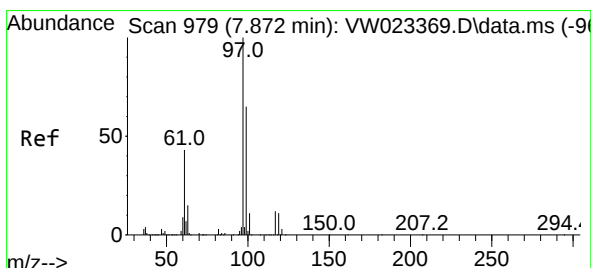
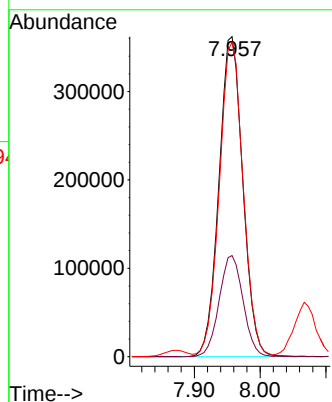
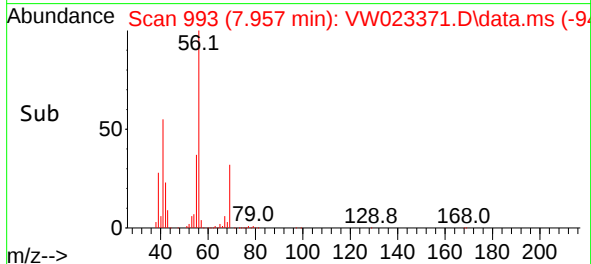


#29
Cyclohexane
Concen: 106.738 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

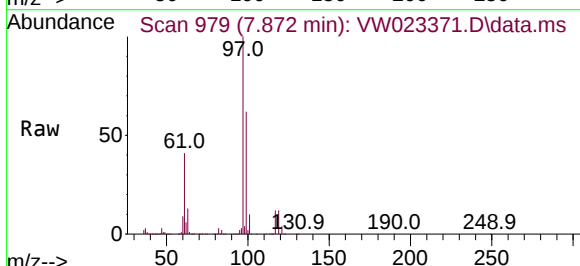
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411



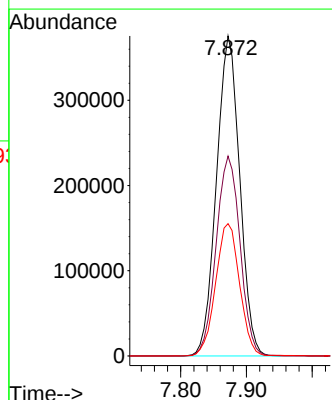
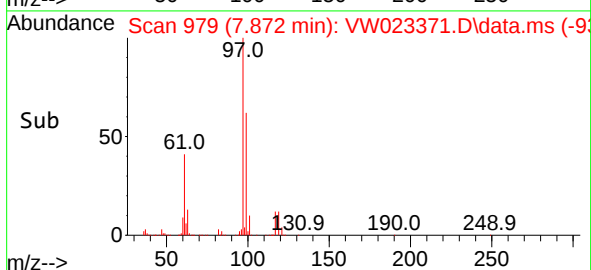
Tgt Ion: 56 Resp: 913460
Ion Ratio Lower Upper
56 100
69 31.7 25.2 37.8
84 98.0 78.3 117.5

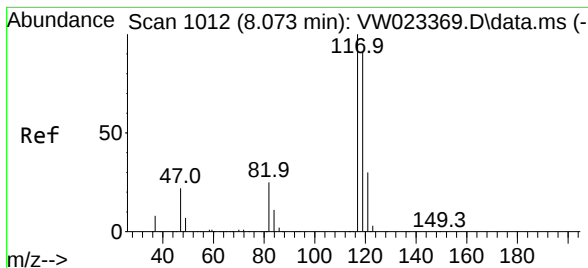


#30
1,1,1-Trichloroethane
Concen: 99.878 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53



Tgt Ion: 97 Resp: 926168
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 42.5 34.7 52.1

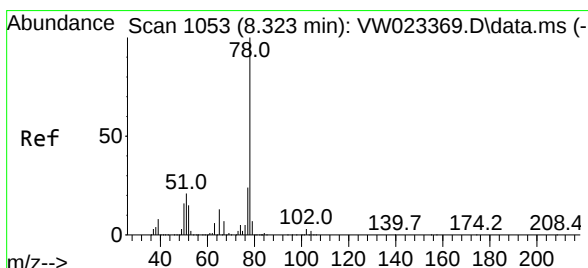
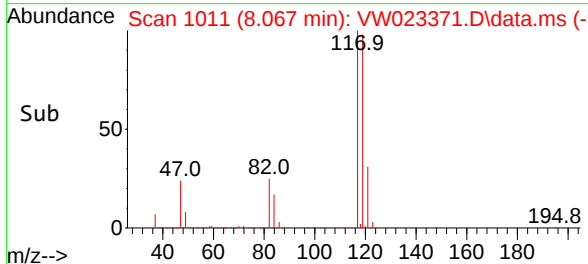
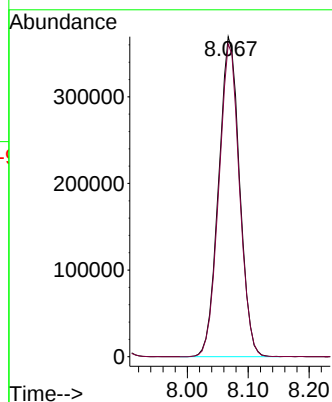
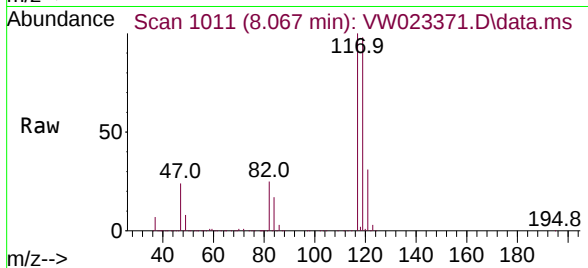




#31
Carbon tetrachloride
Concen: 101.059 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

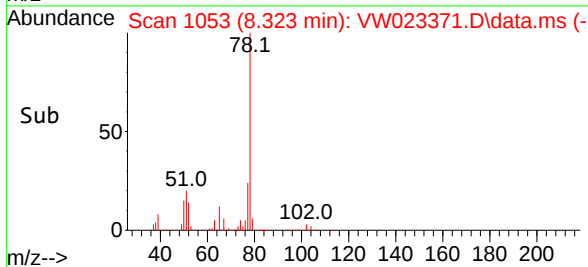
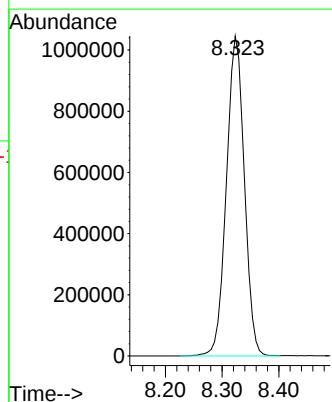
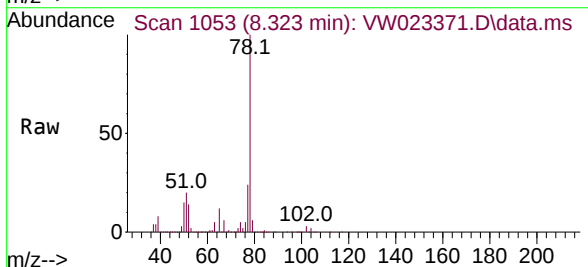
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

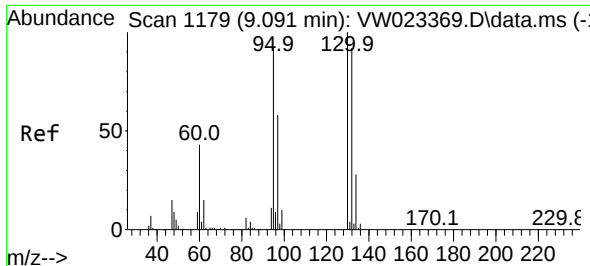
Tgt Ion:117 Resp: 881356
Ion Ratio Lower Upper
117 100
119 96.3 75.6 113.4



#33
Benzene
Concen: 100.250 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion: 78 Resp: 2300994



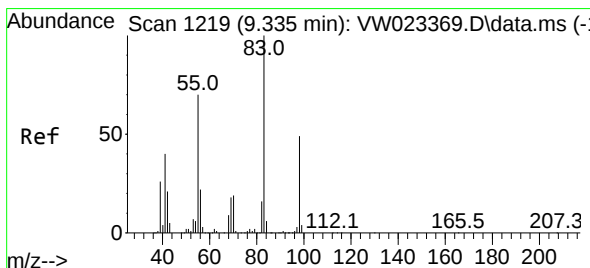
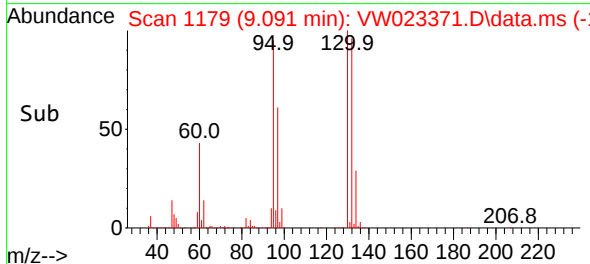
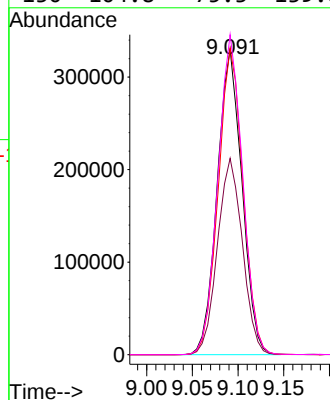
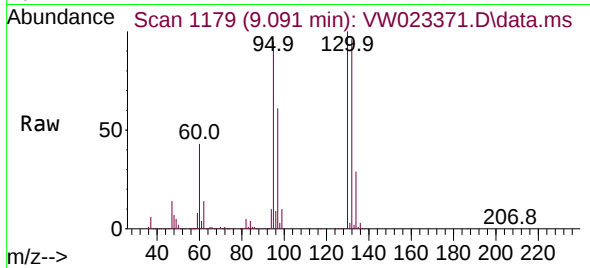


#34
Trichloroethene
Concen: 100.189 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

Tgt Ion: 95 Resp: 622800

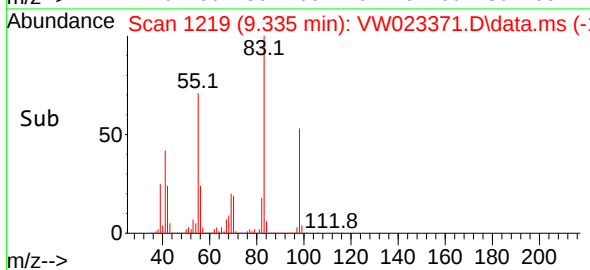
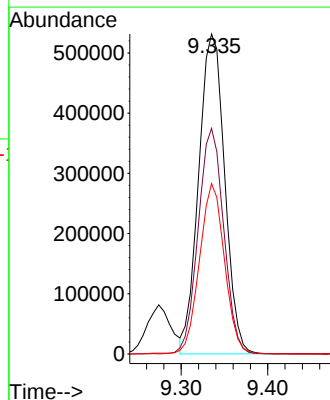
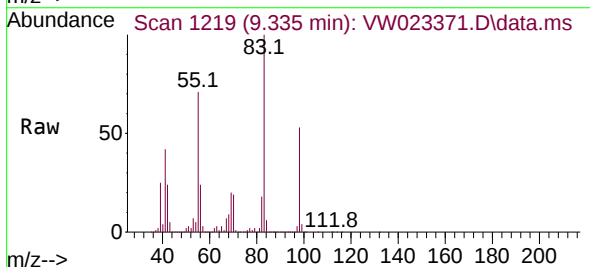
Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.8	81.3
132	100.3	68.9	127.9
130	104.8	75.3	139.8

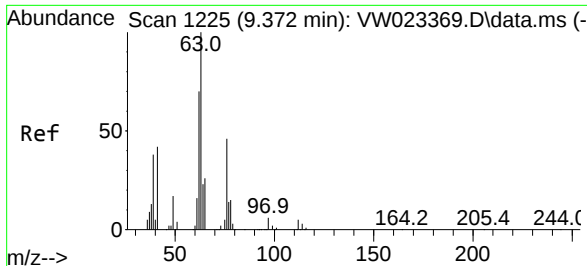


#35
Methylcyclohexane
Concen: 107.551 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion: 83 Resp: 1107601

Ion	Ratio	Lower	Upper
83	100		
55	69.2	56.5	84.7
98	51.1	39.7	59.5





#37

1,2-Dichloropropane

Concen: 99.747 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

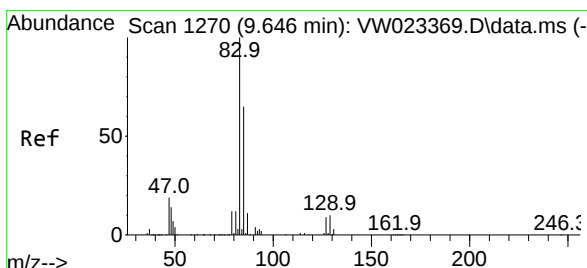
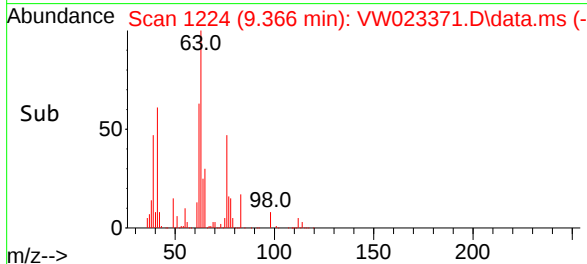
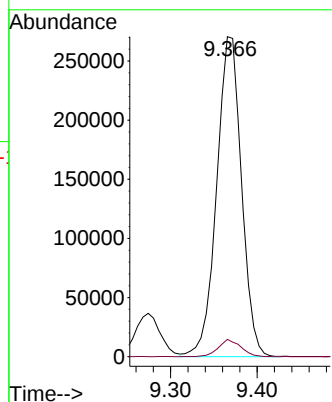
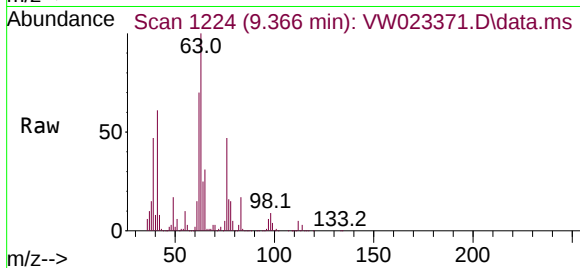
VSTD100411

Tgt Ion: 63 Resp: 539372

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 102.039 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

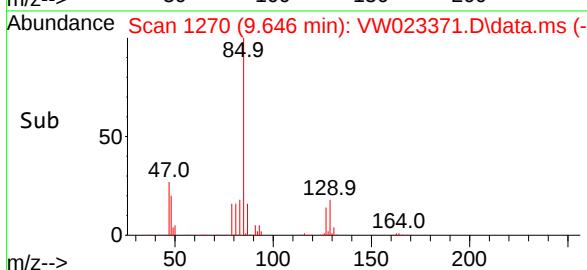
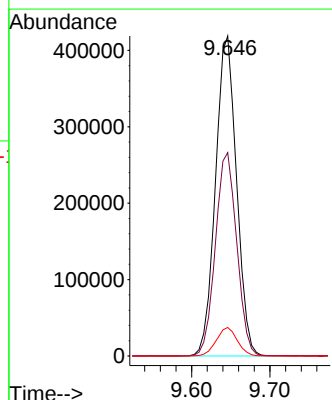
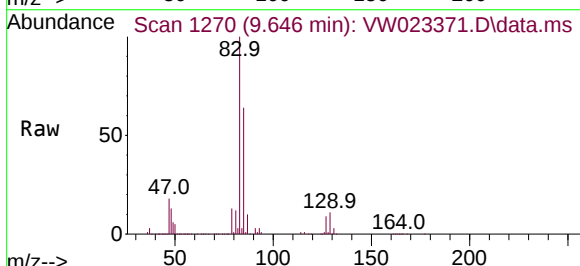
Tgt Ion: 83 Resp: 781017

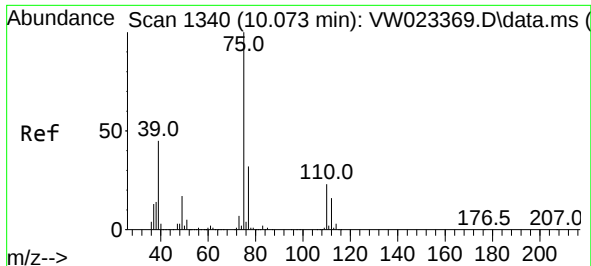
Ion Ratio Lower Upper

83 100

85 63.6 45.8 85.0

127 8.9 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 109.992 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

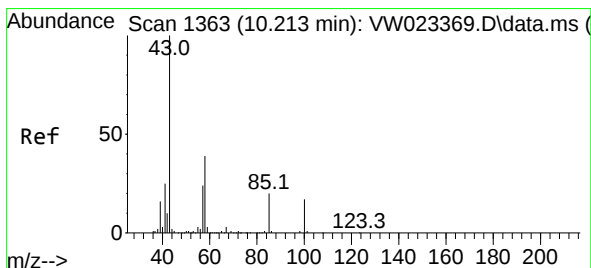
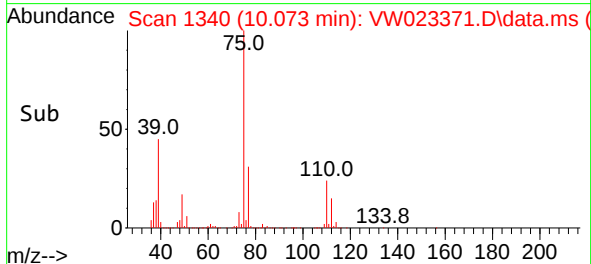
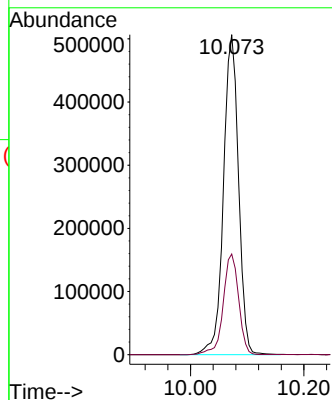
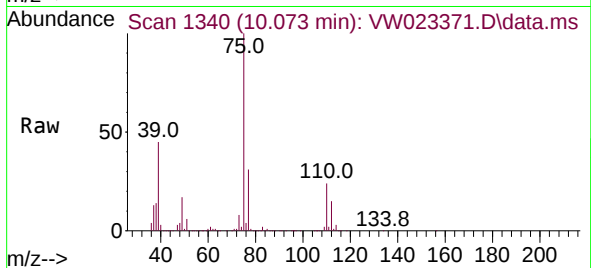
VSTD100411

Tgt Ion: 75 Resp: 934202

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 224.660 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

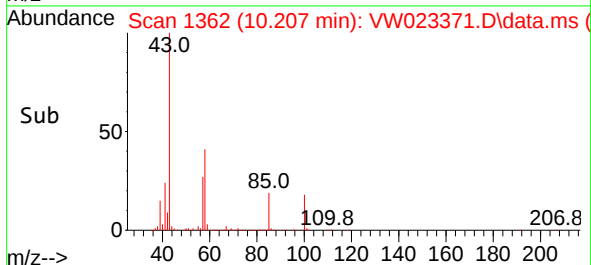
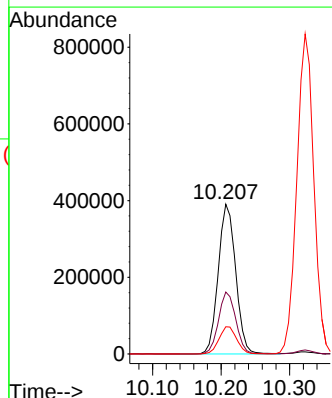
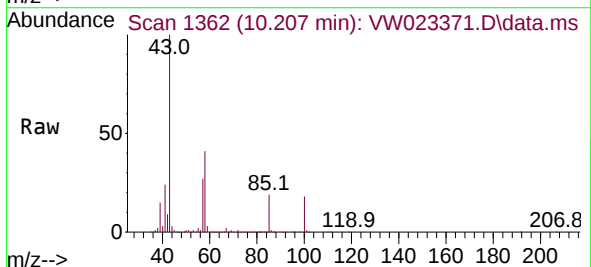
Tgt Ion: 43 Resp: 688475

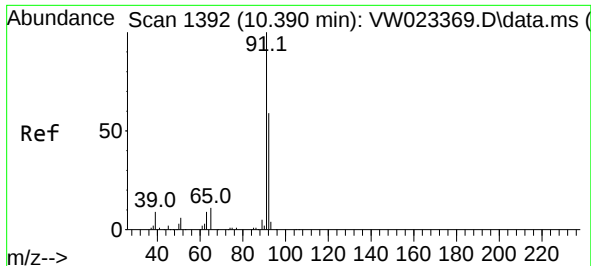
Ion Ratio Lower Upper

43 100

58 40.9 31.5 47.3

100 18.3 13.7 20.5

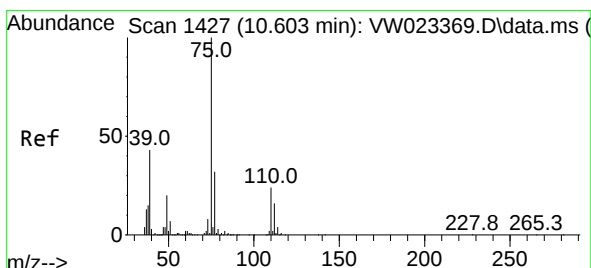
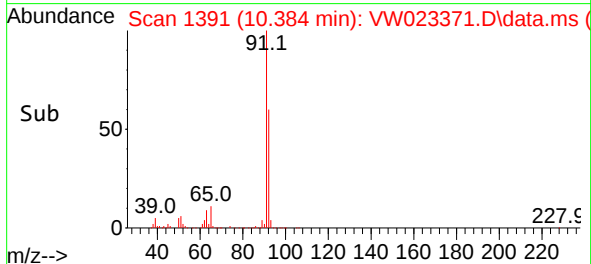
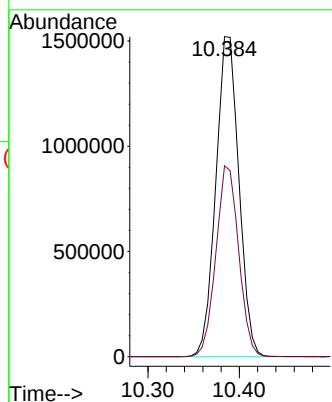
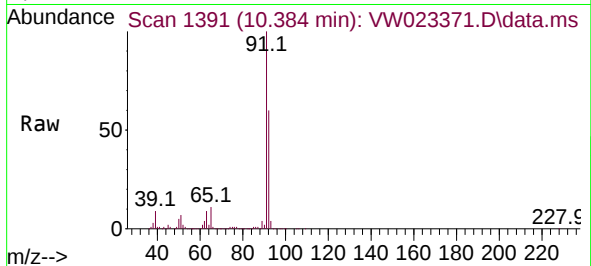




#42
Toluene
Concen: 104.768 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

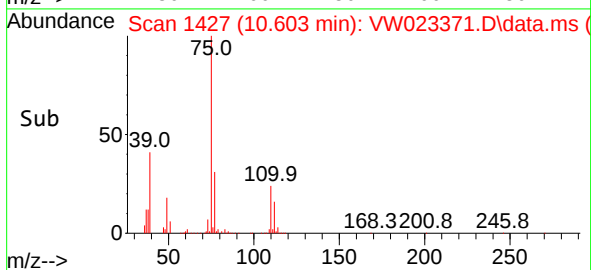
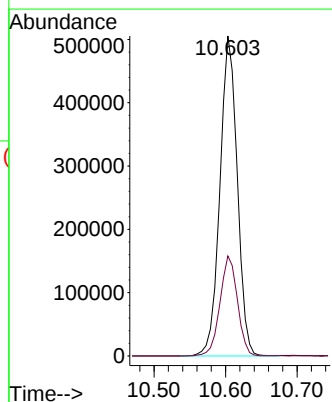
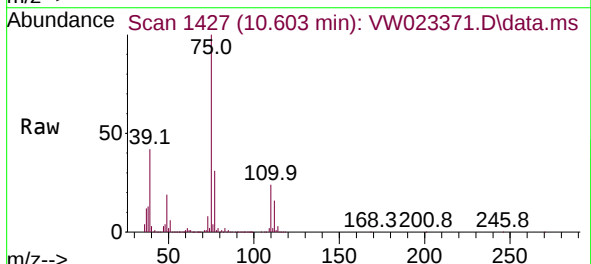
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

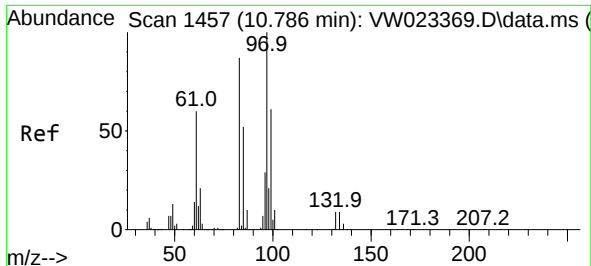
Tgt Ion: 91 Resp: 2671462
Ion Ratio Lower Upper
91 100
92 59.6 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 112.007 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion: 75 Resp: 851248
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2



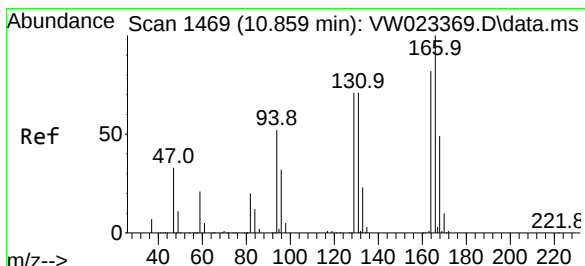
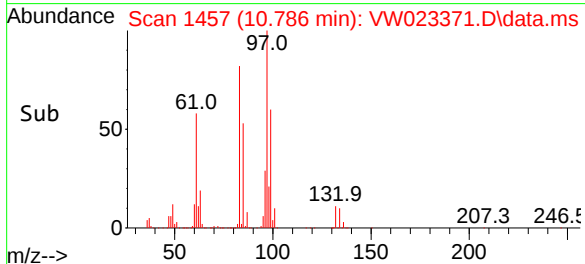
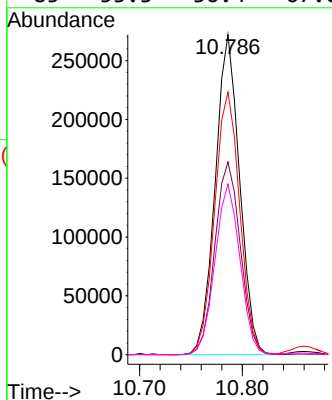
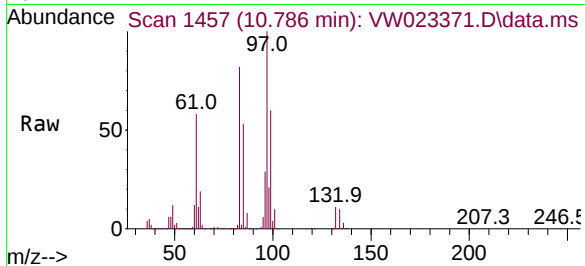


#45
1,1,2-Trichloroethane
Concen: 101.400 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

Tgt Ion: 97 Resp: 448917

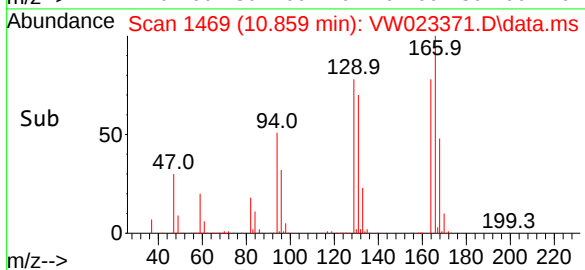
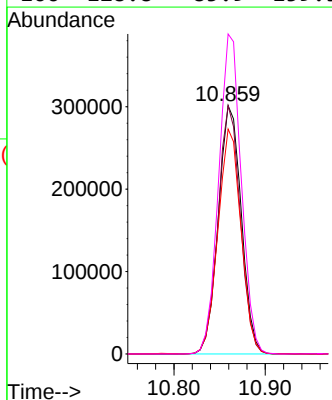
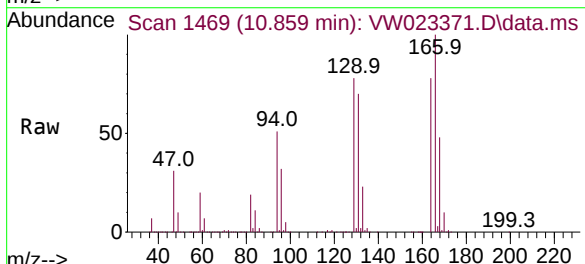
Ion	Ratio	Lower	Upper
97	100		
99	60.2	42.6	79.0
83	82.1	61.2	113.8
85	53.3	36.4	67.6

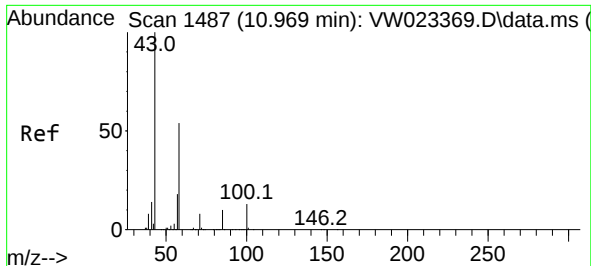


#46
Tetrachloroethene
Concen: 105.771 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion: 164 Resp: 526480

Ion	Ratio	Lower	Upper
164	100		
129	99.9	61.4	114.0
131	90.6	61.0	113.4
166	128.8	85.9	159.5



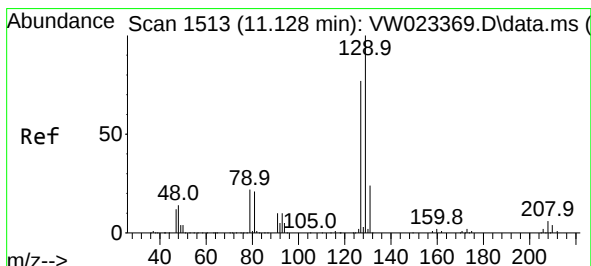
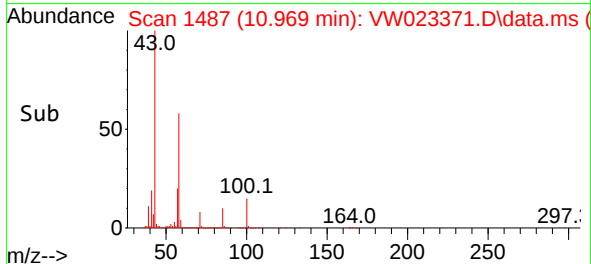
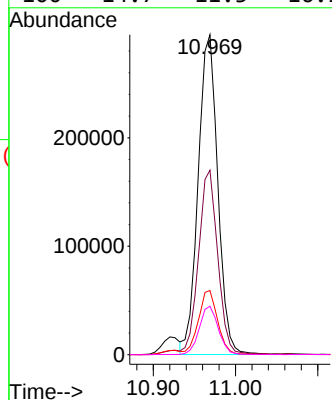
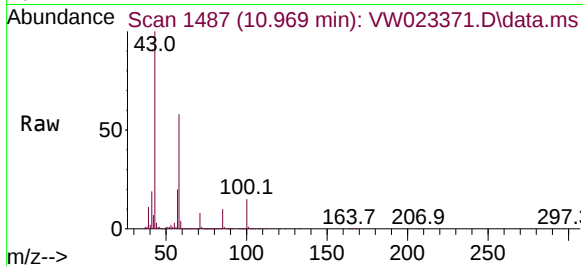


#48
2-Hexanone
Concen: 238.834 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

Tgt Ion: 43 Resp: 489196

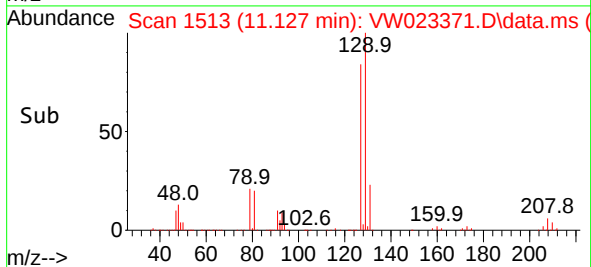
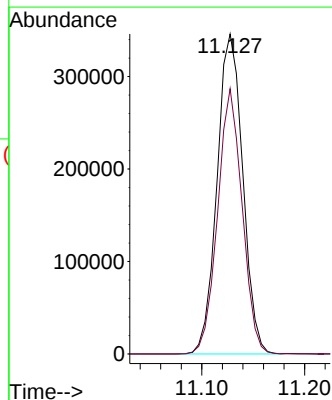
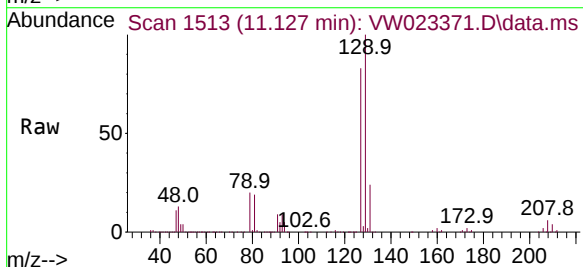
Ion	Ratio	Lower	Upper
43	100		
58	56.3	44.4	66.6
57	19.8	15.6	23.4
100	14.7	11.3	16.9

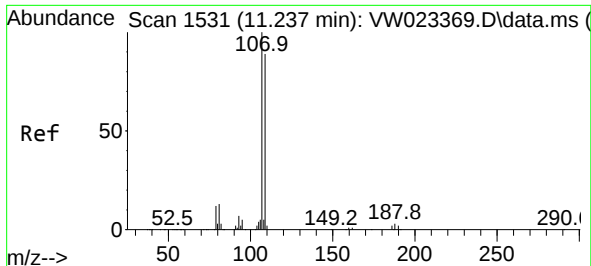


#49
Dibromochloromethane
Concen: 110.515 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion: 129 Resp: 600402

Ion	Ratio	Lower	Upper
129	100		
127	82.9	54.2	100.6





#50

1,2-Dibromoethane

Concen: 106.789 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

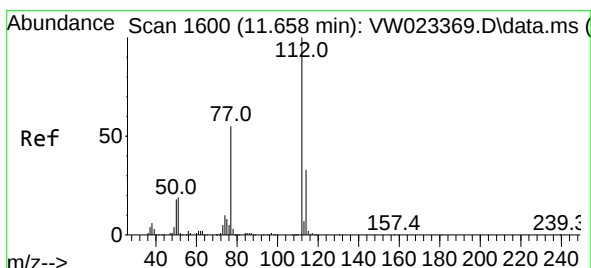
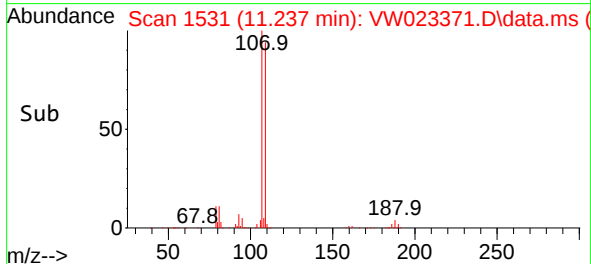
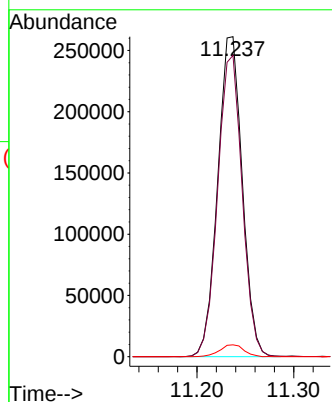
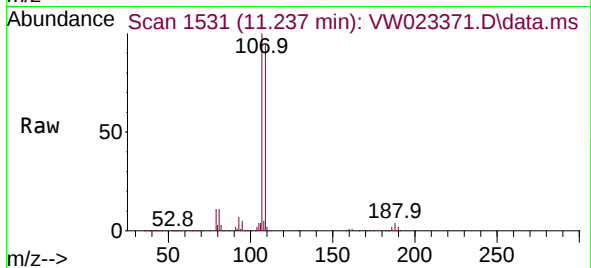
Tgt Ion:107 Resp: 460888

Ion Ratio Lower Upper

107 100

109 94.1 62.4 116.0

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 103.540 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

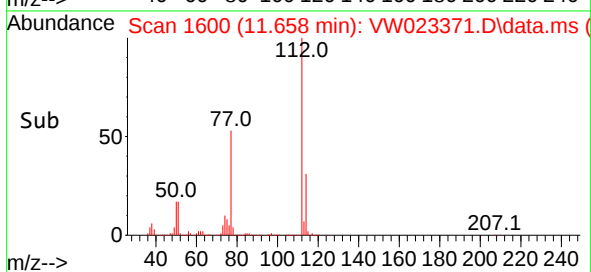
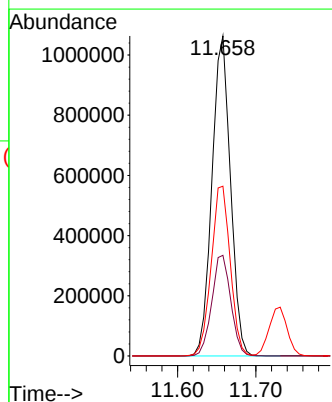
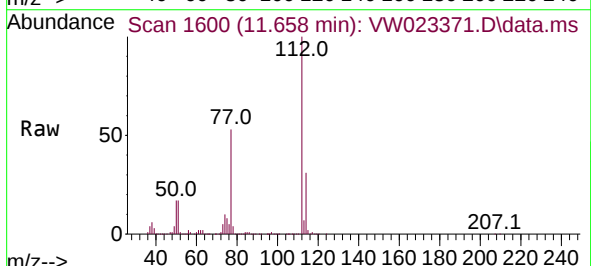
Tgt Ion:112 Resp: 1743248

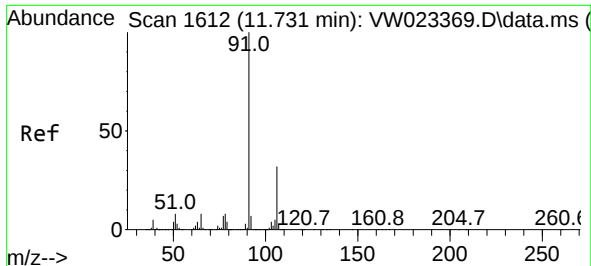
Ion Ratio Lower Upper

112 100

114 31.5 23.2 43.2

77 53.1 43.8 65.6

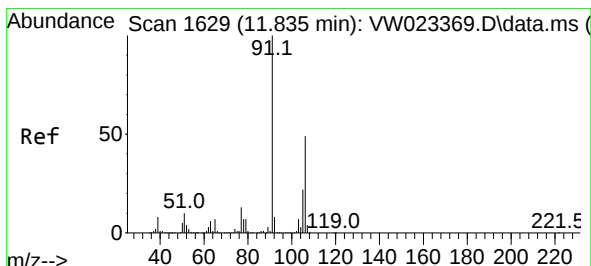
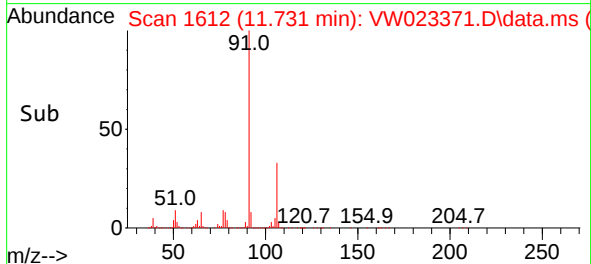
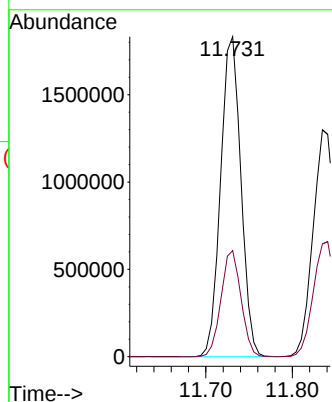
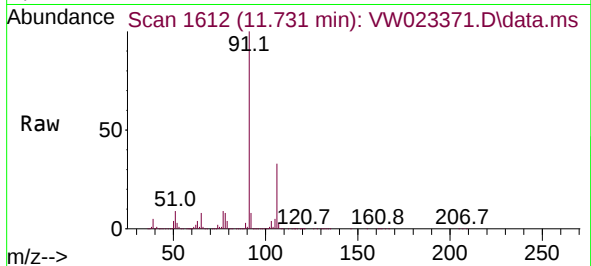




#52
Ethylbenzene
Concen: 106.460 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

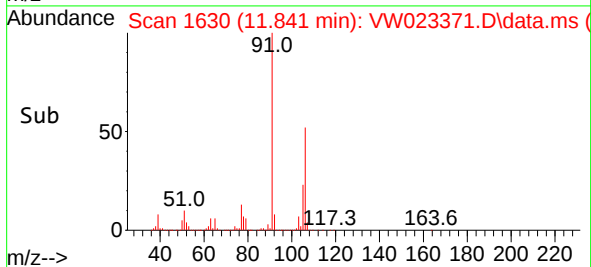
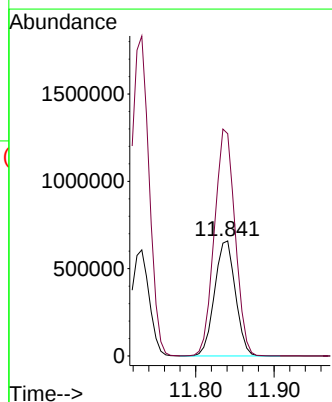
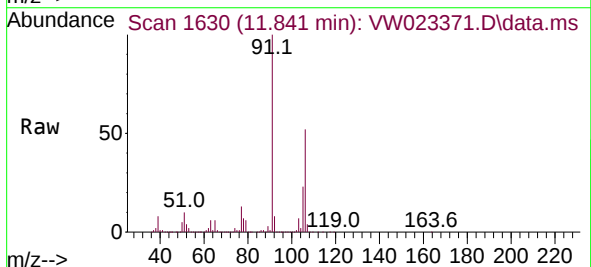
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

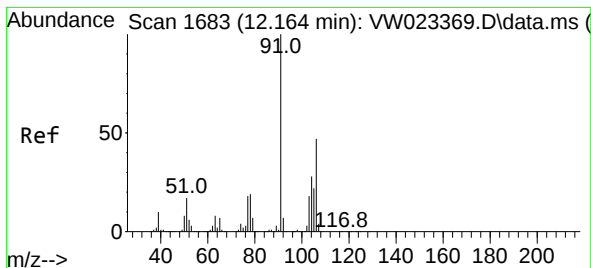
Tgt Ion: 91 Resp: 2981006
Ion Ratio Lower Upper
91 100
106 33.1 22.4 41.6



#53
m,p-Xylene
Concen: 109.914 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion:106 Resp: 1218787
Ion Ratio Lower Upper
106 100
91 193.1 141.7 263.1

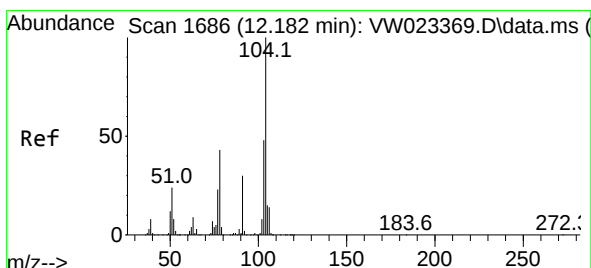
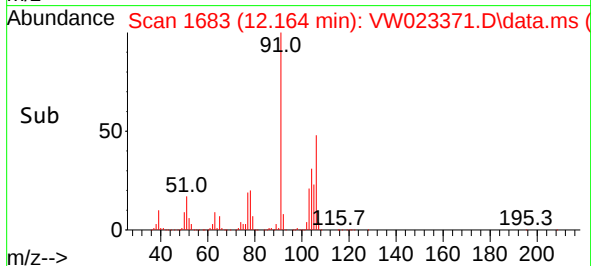
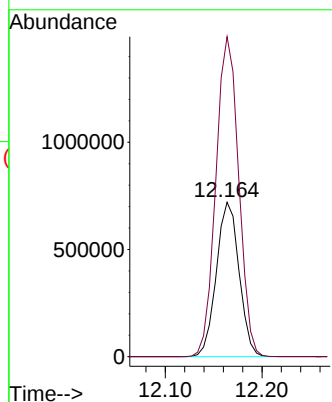
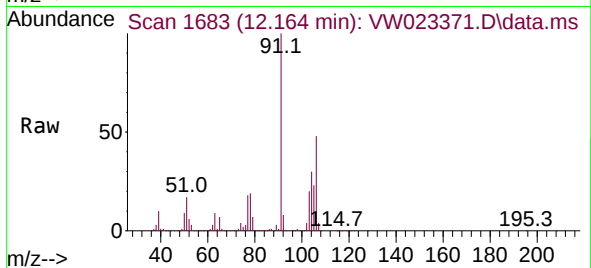




#54
o-Xylene
Concen: 110.706 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

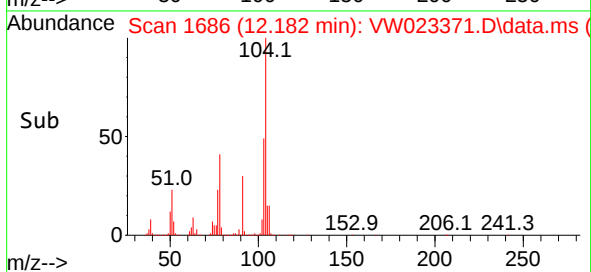
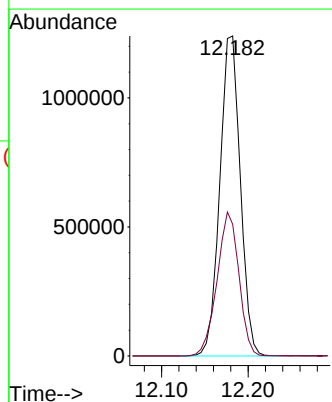
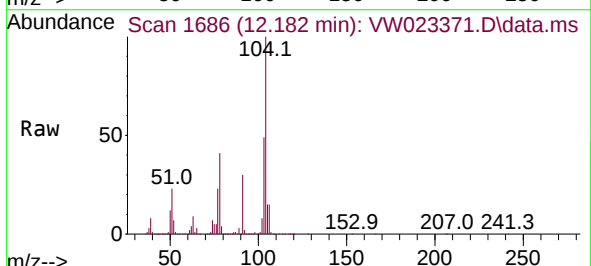
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

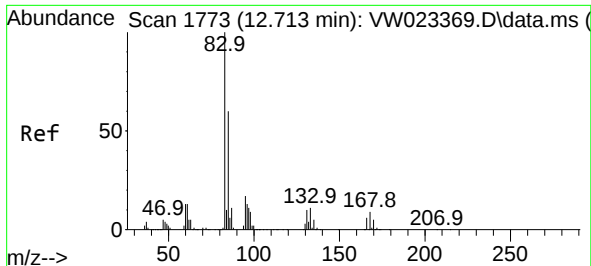
Tgt Ion:106 Resp: 1174455
Ion Ratio Lower Upper
106 100
91 207.2 148.0 274.8



#55
Styrene
Concen: 112.823 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion:104 Resp: 2039822
Ion Ratio Lower Upper
104 100
78 41.1 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 104.518 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

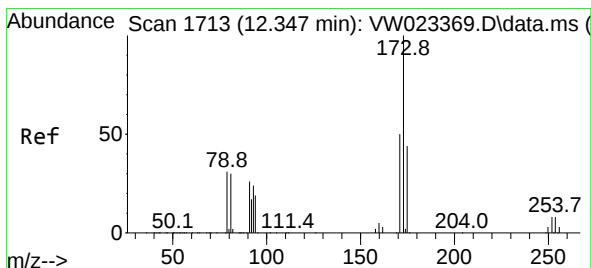
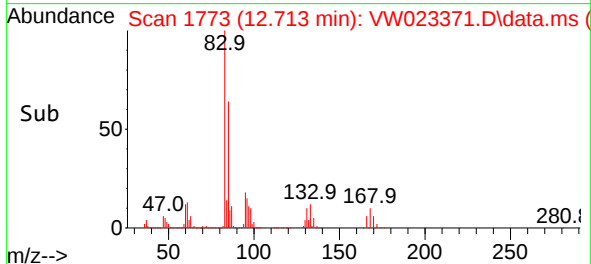
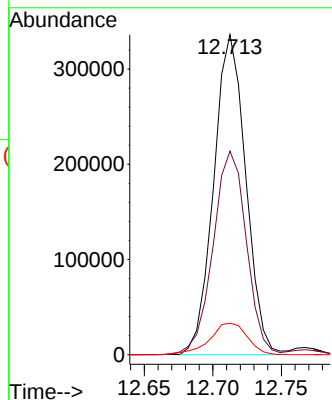
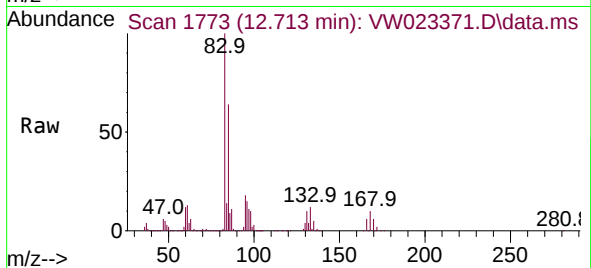
Tgt Ion: 83 Resp: 546527

Ion Ratio Lower Upper

83 100

85 63.6 42.4 78.8

131 9.8 7.8 11.6



#59

Bromoform

Concen: 116.976 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

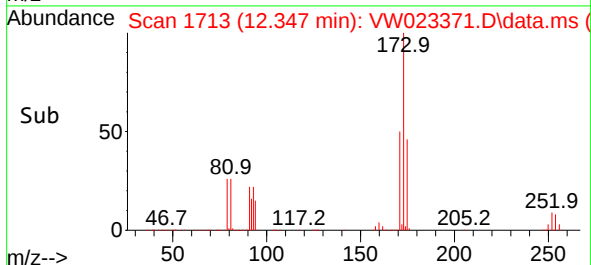
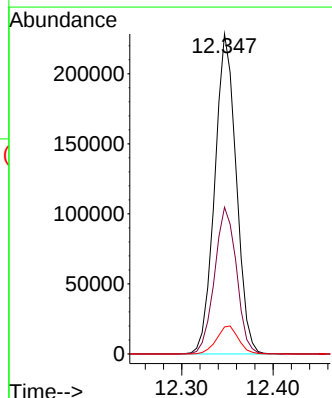
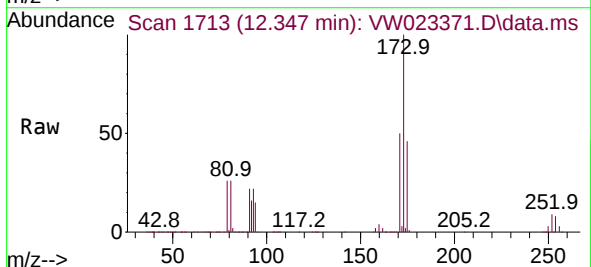
Tgt Ion:173 Resp: 373500

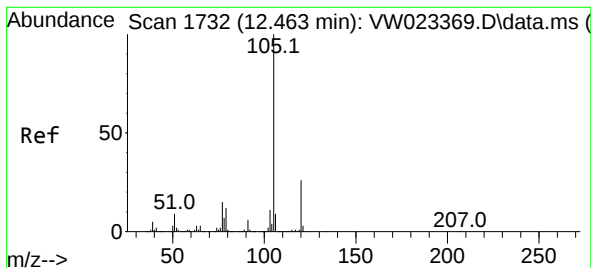
Ion Ratio Lower Upper

173 100

175 46.8 37.9 56.9

254 8.9 7.1 10.7





#60

Isopropylbenzene

Concen: 108.069 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

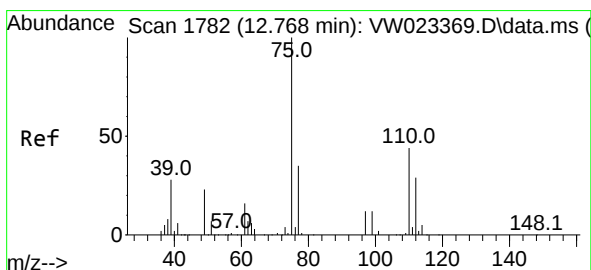
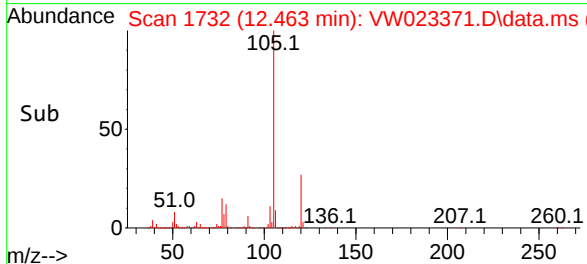
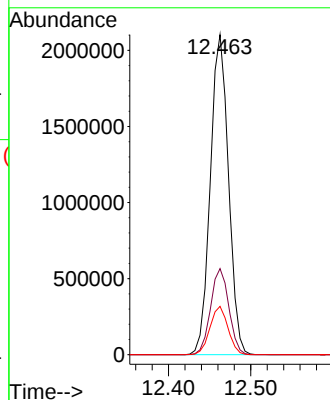
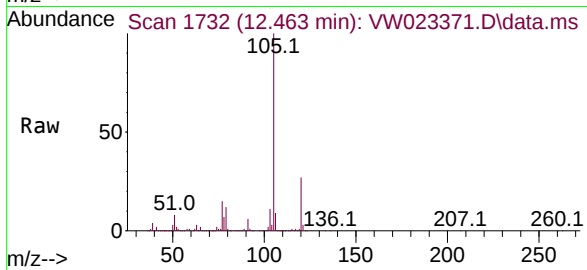
Tgt Ion:105 Resp: 3223778

Ion Ratio Lower Upper

105 100

120 27.1 21.4 32.0

77 15.0 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 98.034 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

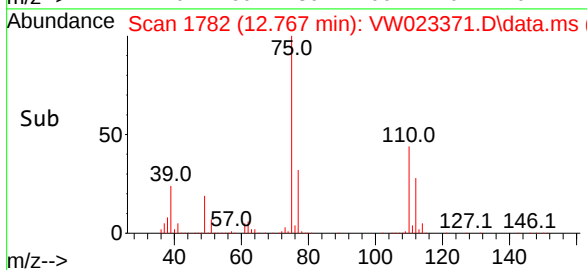
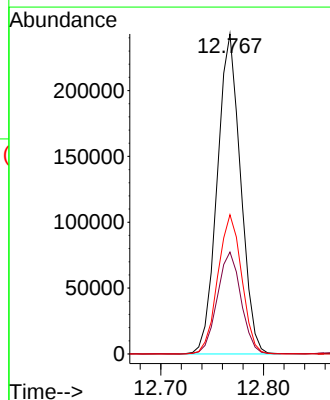
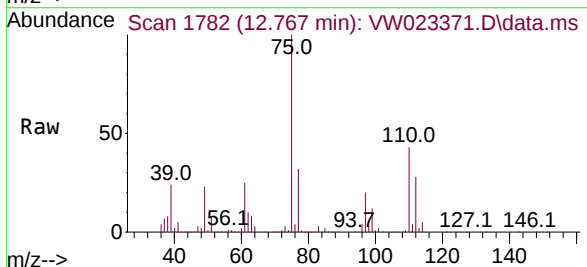
Tgt Ion: 75 Resp: 383283

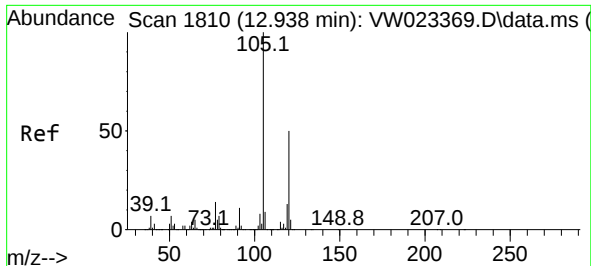
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

110 44.4 34.7 52.1

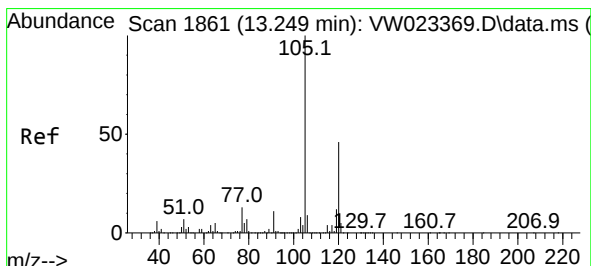
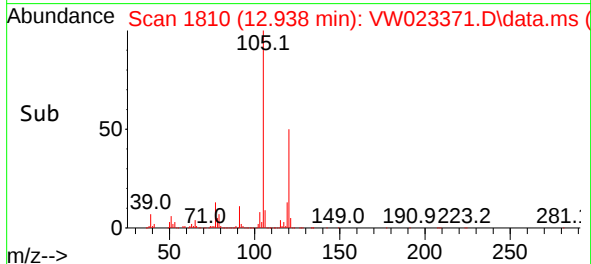
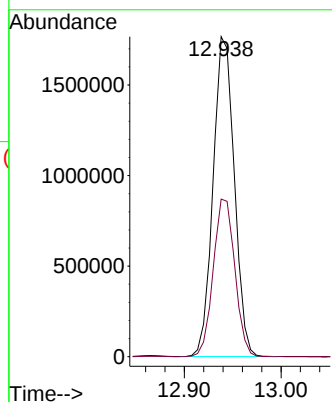
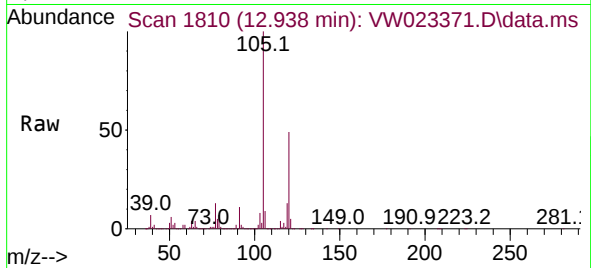




#62
1,3,5-Trimethylbenzene
Concen: 110.186 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

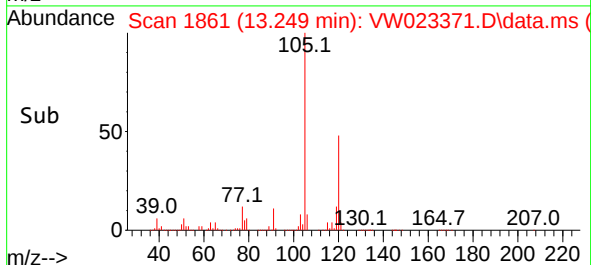
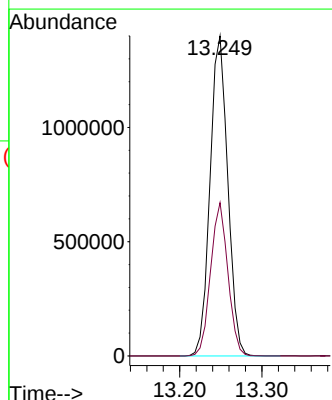
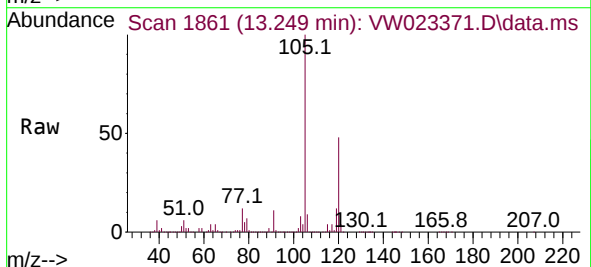
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

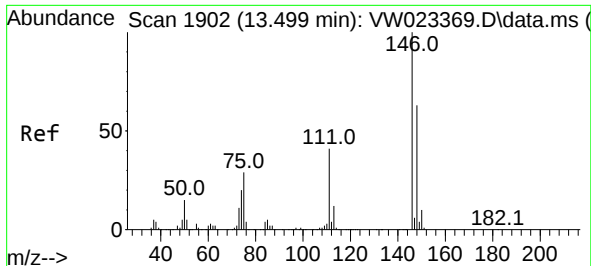
Tgt Ion:105 Resp: 2693102
Ion Ratio Lower Upper
105 100
120 50.0 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 110.274 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion:105 Resp: 2092463
Ion Ratio Lower Upper
105 100
120 46.8 37.2 55.8

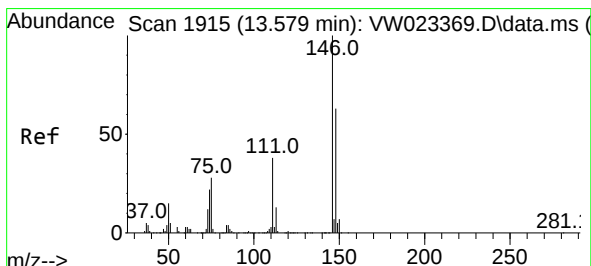
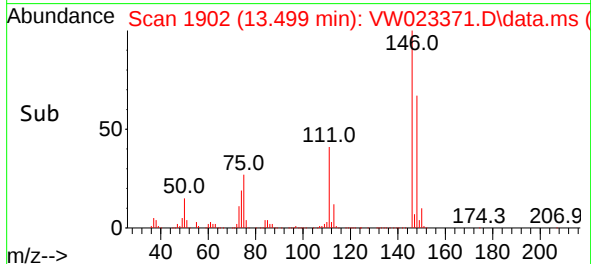
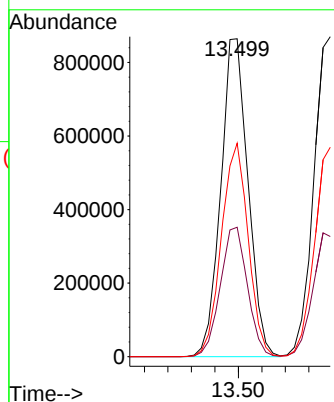
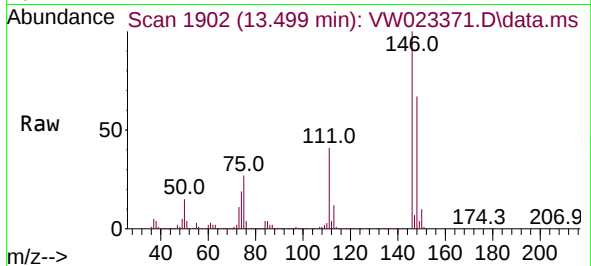




#64
1,3-Dichlorobenzene
Concen: 102.734 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

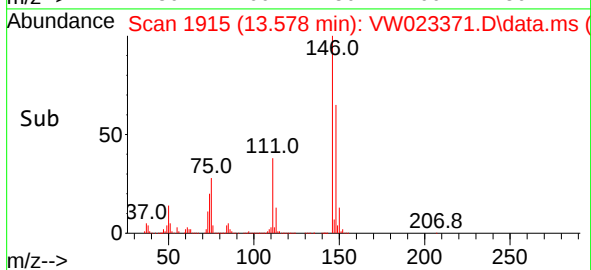
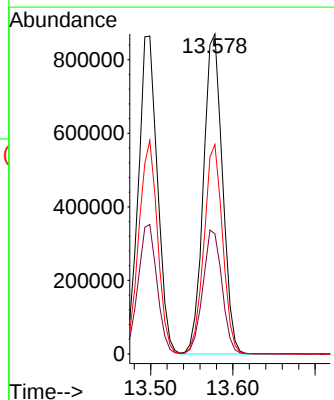
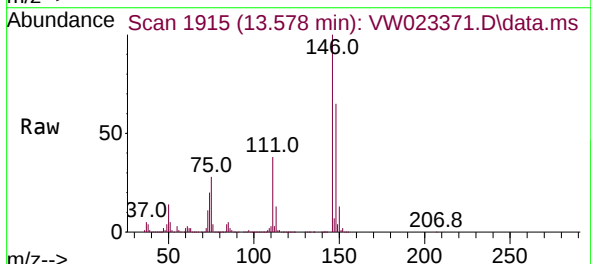
Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

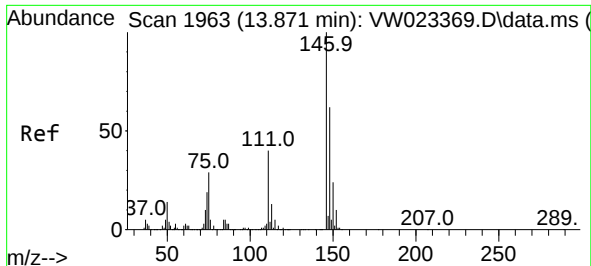
Tgt Ion:146 Resp: 1393238
Ion Ratio Lower Upper
146 100
111 40.7 28.7 53.3
148 67.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 100.968 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023371.D
Acq: 02 Jun 2022 12:53

Tgt Ion:146 Resp: 1399745
Ion Ratio Lower Upper
146 100
111 37.5 26.9 49.9
148 65.4 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 102.440 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

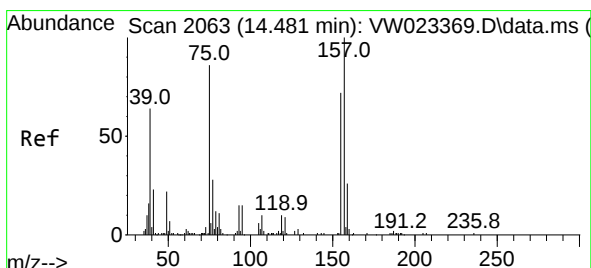
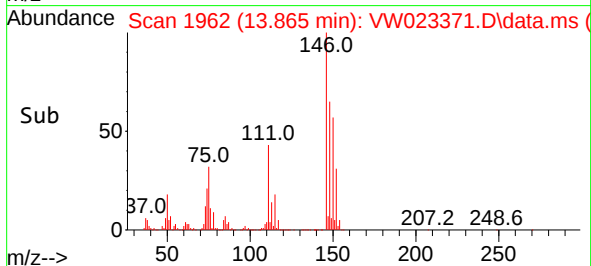
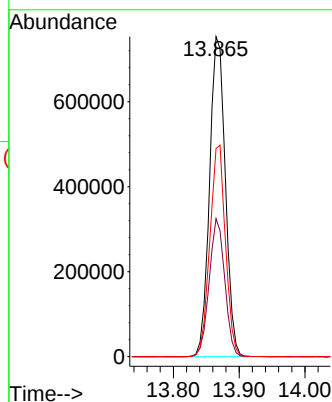
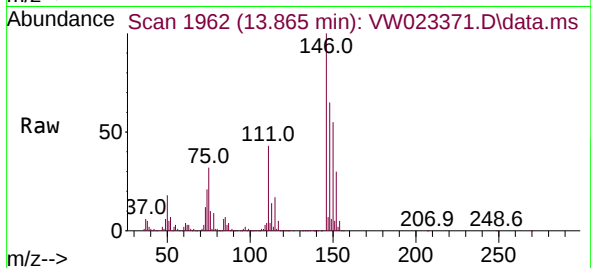
Tgt Ion:146 Resp: 1255724

Ion Ratio Lower Upper

146 100

111 43.1 31.7 47.5

148 65.0 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 103.695 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

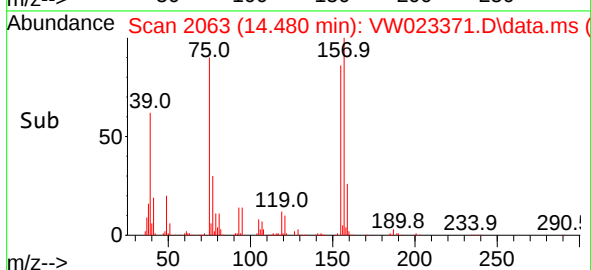
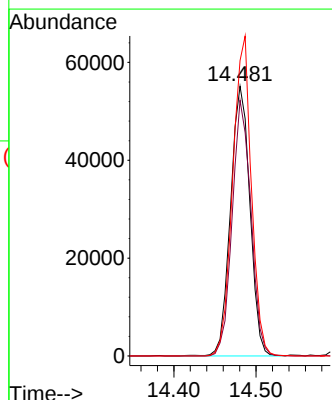
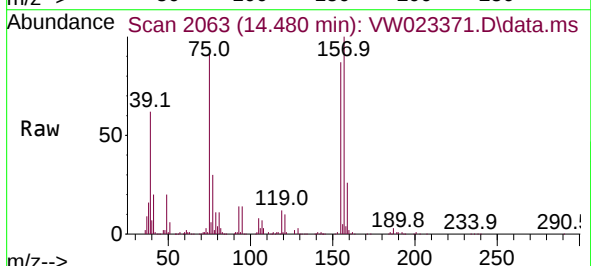
Tgt Ion: 75 Resp: 90302

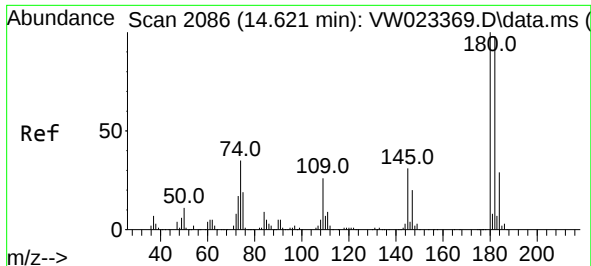
Ion Ratio Lower Upper

75 100

155 94.8 66.7 100.1

157 109.5 92.6 139.0





#69

1,3,5-Trichlorobenzene

Concen: 106.758 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

Tgt Ion:180 Resp: 956161

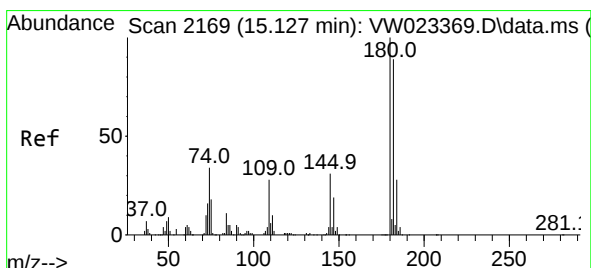
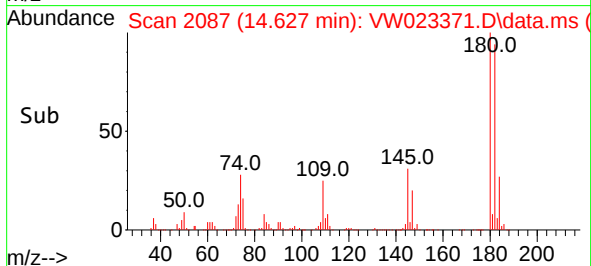
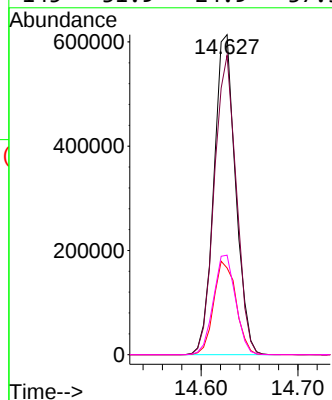
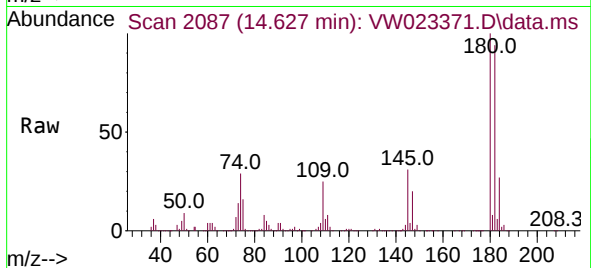
Ion Ratio Lower Upper

180 100

182 94.7 76.6 115.0

184 30.1 23.4 35.2

145 31.9 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 116.564 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

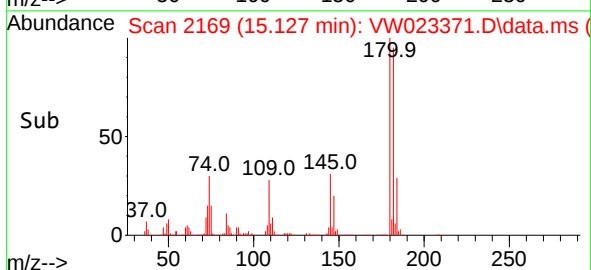
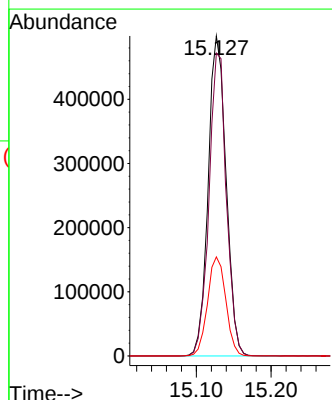
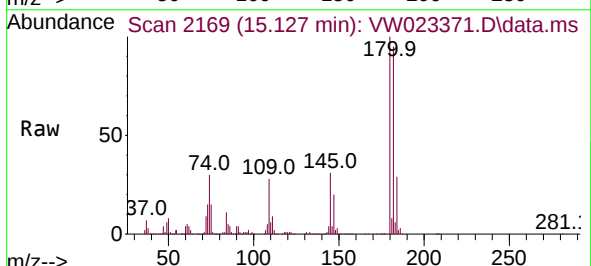
Tgt Ion:180 Resp: 829490

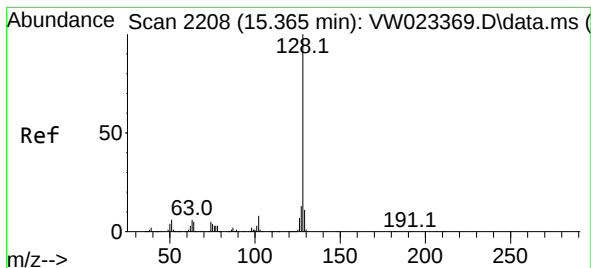
Ion Ratio Lower Upper

180 100

182 92.1 75.0 112.6

145 31.5 25.7 38.5





#71

Naphthalene

Concen: 125.733 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD100411

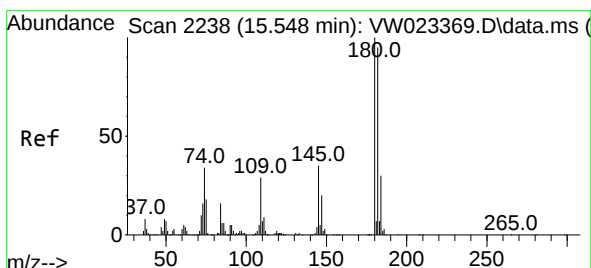
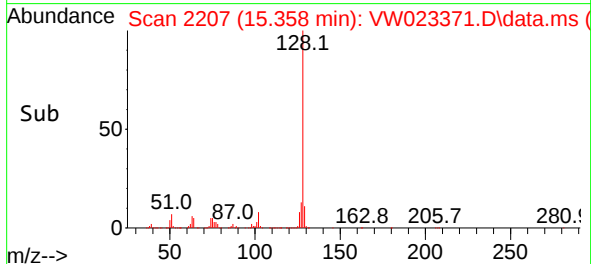
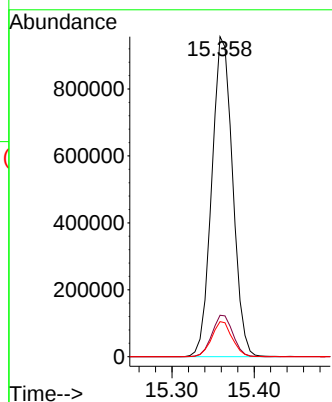
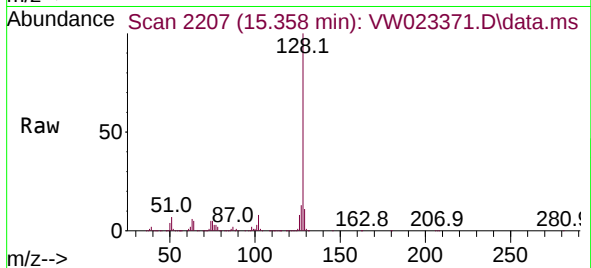
Tgt Ion:128 Resp: 1684524

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 112.665 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023371.D

Acq: 02 Jun 2022 12:53

Tgt Ion:180 Resp: 693953

Ion Ratio Lower Upper

180 100

182 94.7 74.6 112.0

145 34.2 28.0 42.0

