

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023369.D
 Acq On : 02 Jun 2022 11:11
 Operator : SY/VA
 Sample : VSTD02509
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025409

Quant Time: Jun 02 21:26:47 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	8.848	114	421729	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	399436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	146758	23.531	ug/L	0.00
7) Chloroethane-d5	2.885	69	113759	26.311	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	228010	23.786	ug/L	0.00
21) 2-Butanone-d5	7.080	46	56762	44.349	ug/L	0.00
24) Chloroform-d	7.653	84	255791	23.033	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	132608	22.798	ug/L	0.00
32) Benzene-d6	8.275	84	502668	23.421	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	140547	22.890	ug/L	0.00
41) Toluene-d8	10.323	98	481907	23.550	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	64708	23.607	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	44551	45.165	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123949	22.887	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	172697	23.955	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	36467	21.068	ug/L	92
3) Chloromethane	2.215	50	121687	23.366	ug/L	100
5) Vinyl chloride	2.361	62	192974	23.804	ug/L	100
6) Bromomethane	2.782	94	103100	26.053	ug/L	100
8) Chloroethane	2.922	64	101807	27.471	ug/L	100
9) Trichlorofluoromethane	3.257	101	93849	24.508	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	131477	23.695	ug/L	100
12) 1,1-Dichloroethene	4.044	96	117587	24.329	ug/L	100
13) Acetone	4.123	43	38076	40.676	ug/L	100
14) Carbon disulfide	4.385	76	386537	23.943	ug/L	100
15) Methyl Acetate	4.672	43	48738	23.583	ug/L	100
16) Methylene chloride	4.915	84	130681	21.632	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	134070	23.777	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	200404	24.143	ug/L	100
19) 1,1-Dichloroethane	6.220	63	226139	23.677	ug/L	100
20) cis-1,2-Dichloroethene	7.177	96	139671	23.588	ug/L	100
22) 2-Butanone	7.171	43	61414	43.934	ug/L	100
23) Bromochloromethane	7.519	128	63732	22.753	ug/L	100
25) Chloroform	7.677	83	248263	23.748	ug/L	100
27) 1,2-Dichloroethane	8.397	62	157529	23.405	ug/L	100
29) Cyclohexane	7.958	56	208001	24.381	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	218868	23.676	ug/L	100
31) Carbon tetrachloride	8.073	117	207483	23.865	ug/L	100
33) Benzene	8.323	78	538321	23.527	ug/L	100
34) Trichloroethene	9.091	95	144177	23.266	ug/L	100
35) Methylcyclohexane	9.335	83	254277	24.768	ug/L	100
37) 1,2-Dichloropropane	9.372	63	130397	24.190	ug/L	100
38) Bromodichloromethane	9.646	83	179101	23.472	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	204747	24.182	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	140598	46.022	ug/L	100
42) Toluene	10.390	91	620017	24.391	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	180742	23.856	ug/L	100

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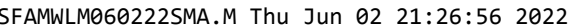
Instrument :
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 ClientSampleId :
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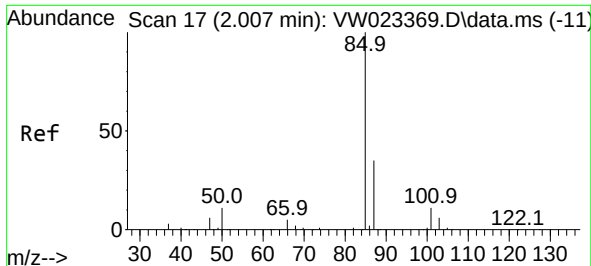
Quant Time: Jun 02 21:26:47 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	104408	23.657	ug/L	100
46) Tetrachloroethene	10.859	164	123087	24.806	ug/L	100
48) 2-Hexanone	10.969	43	96387	47.205	ug/L	100
49) Dibromochloromethane	11.128	129	127094	23.467	ug/L	100
50) 1,2-Dibromoethane	11.237	107	99807	23.198	ug/L	100
51) Chlorobenzene	11.658	112	400762	23.878	ug/L	100
52) Ethylbenzene	11.731	91	677786	24.281	ug/L	100
53) m,p-Xylene	11.835	106	270207	24.444	ug/L	100
54) o-Xylene	12.164	106	257826	24.379	ug/L	100
55) Styrene	12.182	104	446430	24.769	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	122751	23.548	ug/L	100
59) Bromoform	12.347	173	71163	23.768	ug/L	100
60) Isopropylbenzene	12.463	105	709318	25.358	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86615	23.626	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	593372	25.890	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	462109	25.971	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	314200	24.707	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	316921	24.379	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	282870	24.609	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18452	22.596	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	210435	25.057	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	167868	25.157	ug/L	100
71) Naphthalene	15.365	128	327998	26.108	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	140789	24.376	ug/L	100

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

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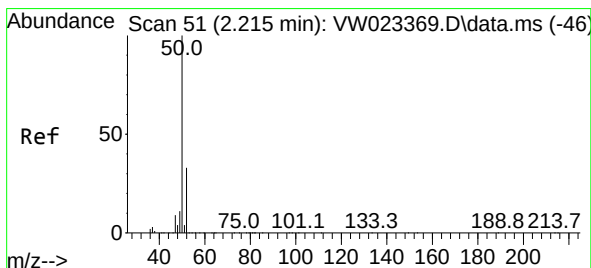
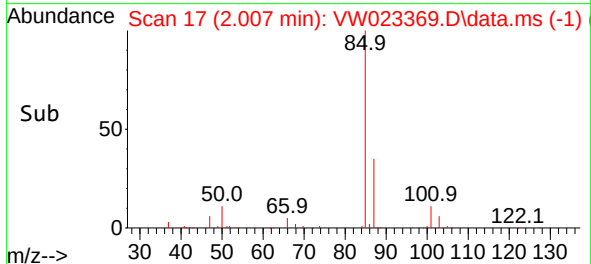
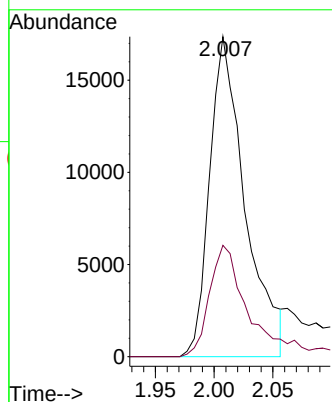
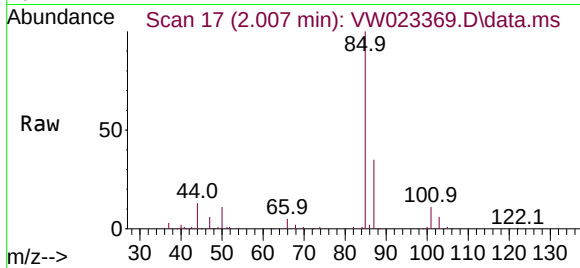




#2
 Dichlorodifluoromethane
 Concen: 21.068 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023369.D
 Acq: 02 Jun 2022 11:11

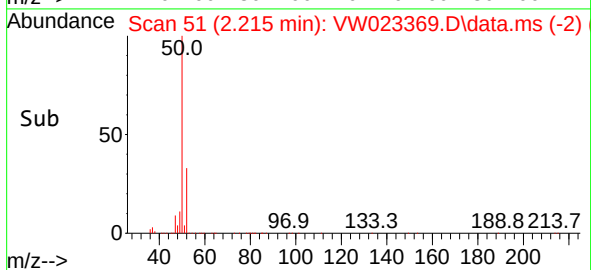
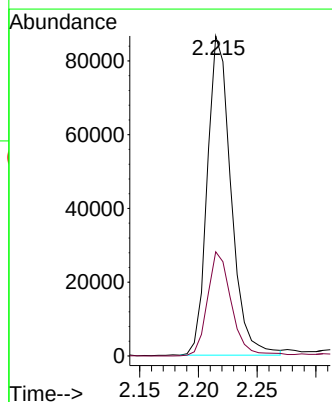
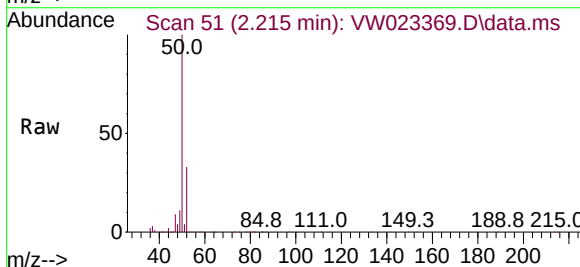
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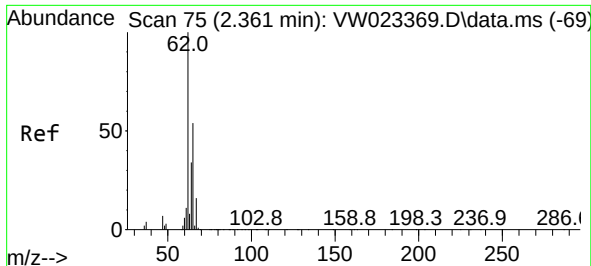
Tgt Ion: 85 Resp: 36467
 Ion Ratio Lower Upper
 85 100
 87 37.7 26.3 39.5



#3
 Chloromethane
 Concen: 23.366 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023369.D
 Acq: 02 Jun 2022 11:11

Tgt Ion: 50 Resp: 121687
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

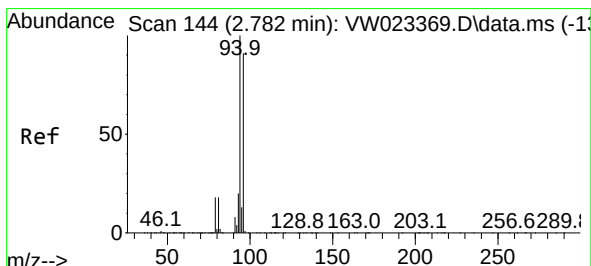
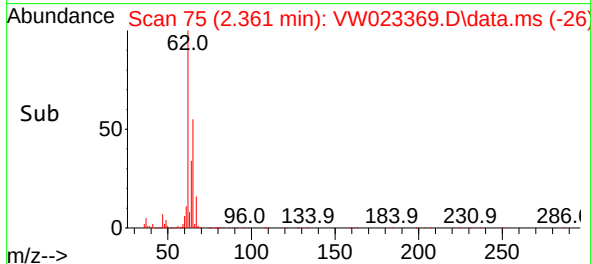
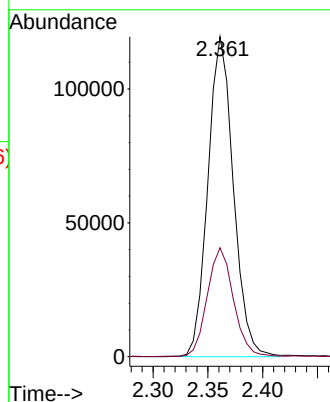
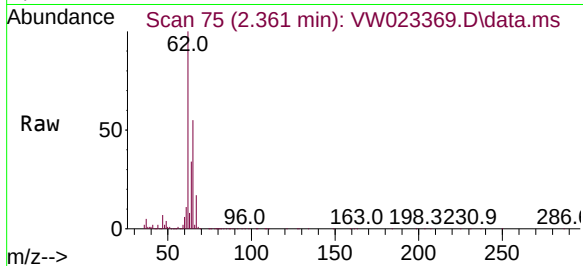




#5
 Vinyl chloride
 Concen: 23.804 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023369.D
 Acq: 02 Jun 2022 11:11

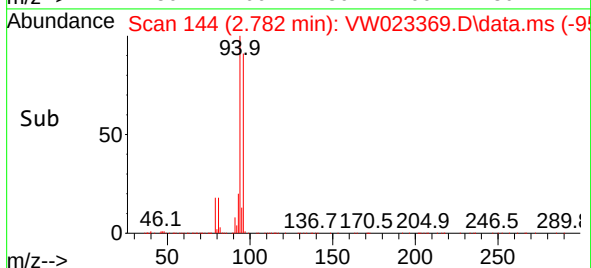
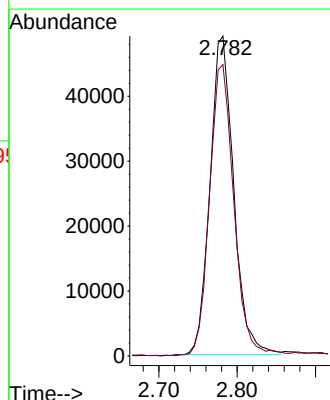
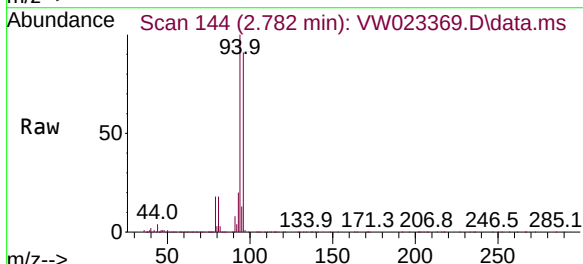
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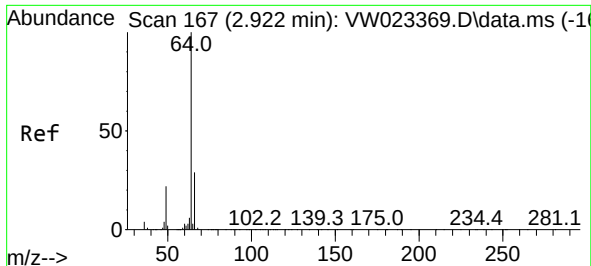
Tgt Ion: 62 Resp: 192974
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.9 44.3



#6
 Bromomethane
 Concen: 26.053 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW023369.D
 Acq: 02 Jun 2022 11:11

Tgt Ion: 94 Resp: 103100
 Ion Ratio Lower Upper
 94 100
 96 91.1 63.8 118.4

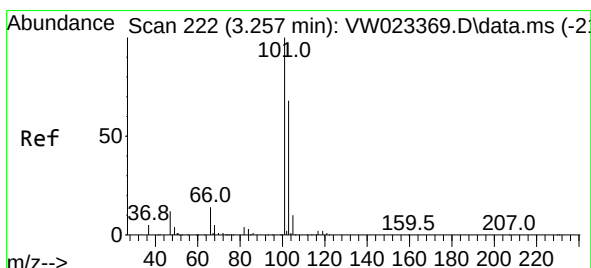
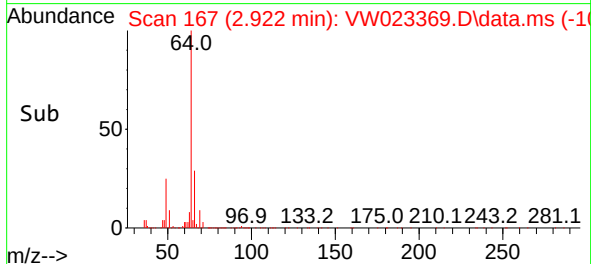
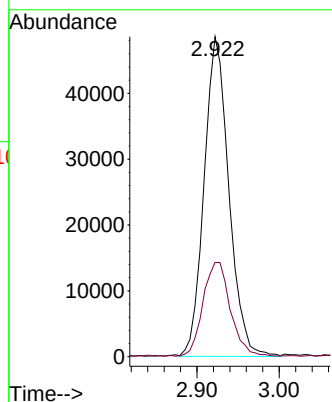
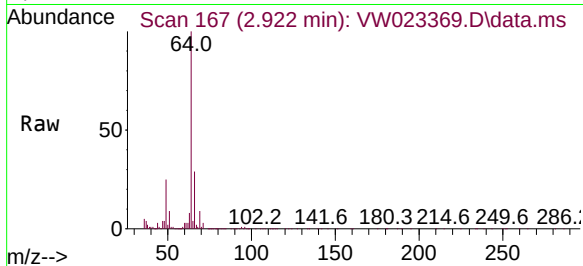




#8
Chloroethane
Concen: 27.471 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

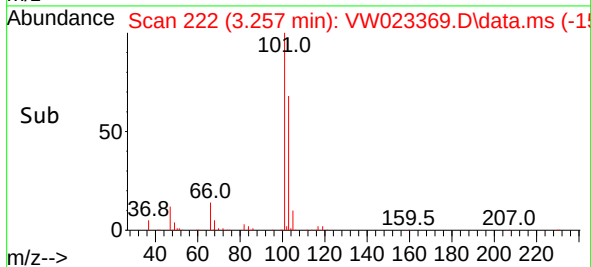
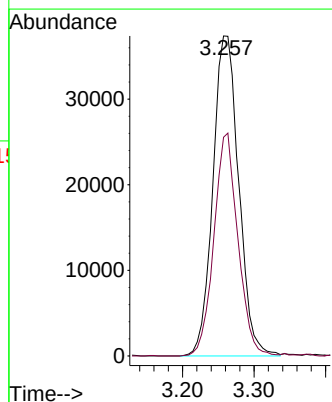
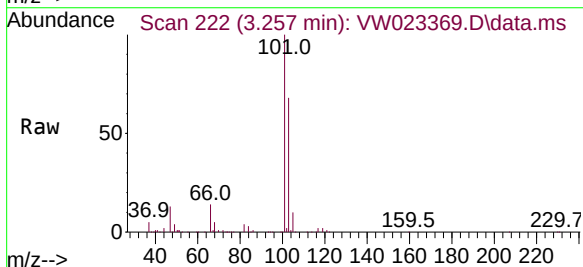
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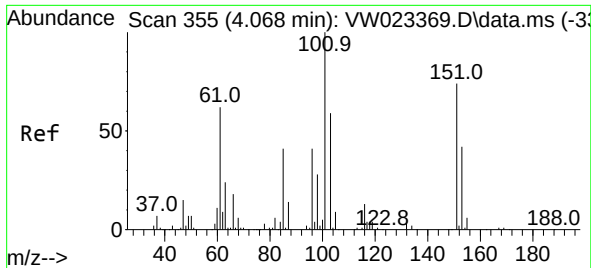
Tgt Ion: 64 Resp: 101807
Ion Ratio Lower Upper
64 100
66 29.5 20.6 38.4



#9
Trichlorofluoromethane
Concen: 24.508 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion: 101 Resp: 93849
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

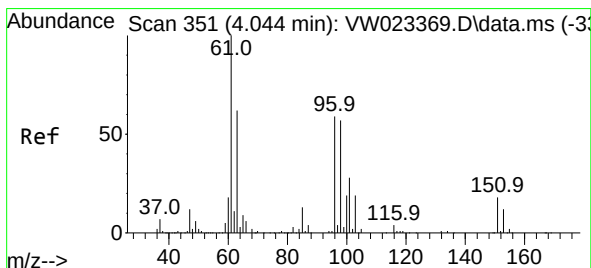
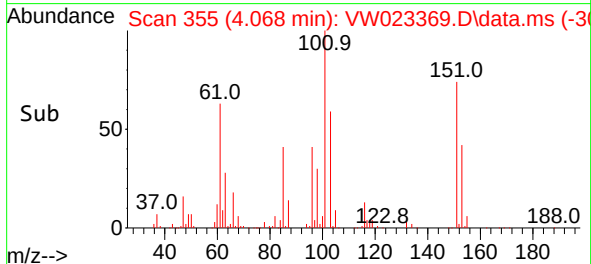
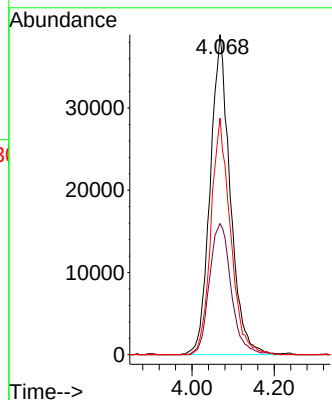
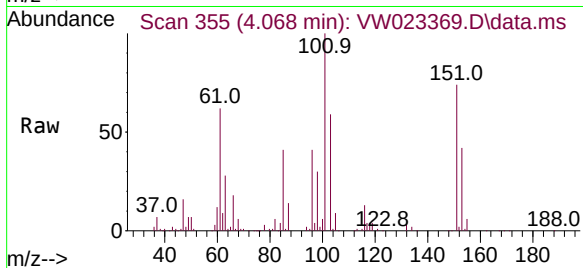




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.695 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW023369.D
 Acq: 02 Jun 2022 11:11

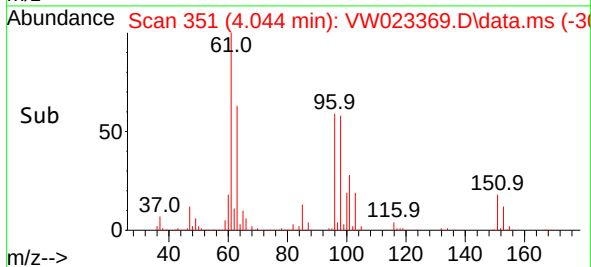
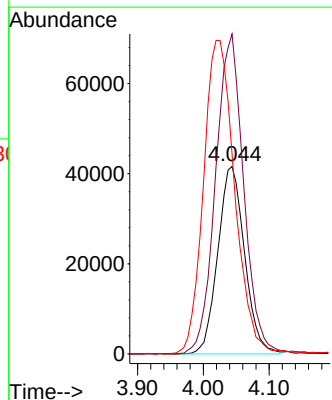
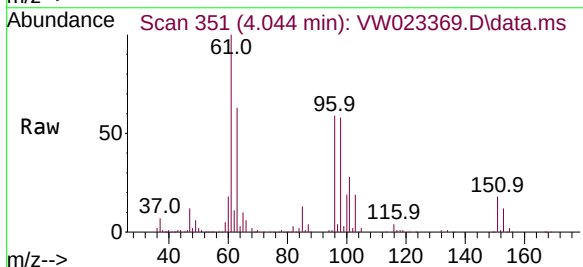
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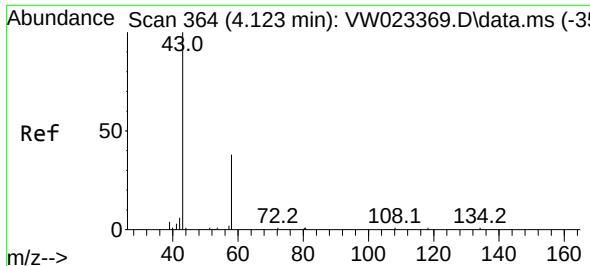
Tgt Ion:101 Resp: 131477
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.4 53.0
 151 72.1 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 24.329 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023369.D
 Acq: 02 Jun 2022 11:11

Tgt Ion: 96 Resp: 117587
 Ion Ratio Lower Upper
 96 100
 61 170.6 119.4 221.8
 63 106.7 74.7 138.7

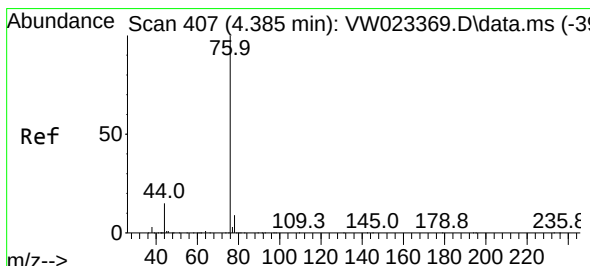
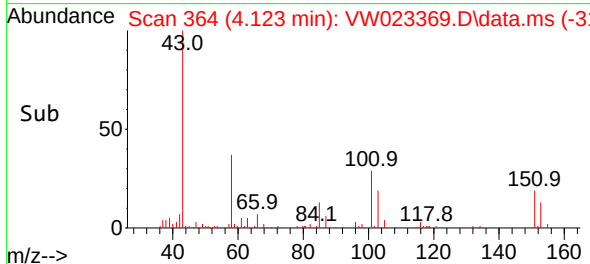
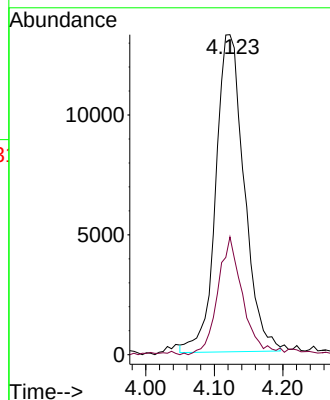
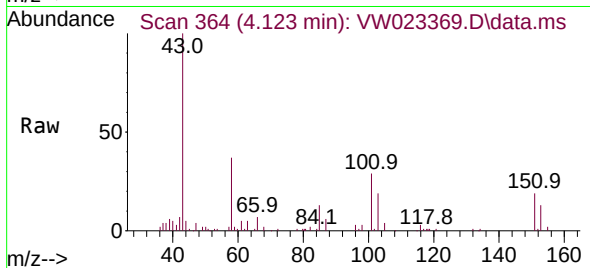




#13
Acetone
Concen: 40.676 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

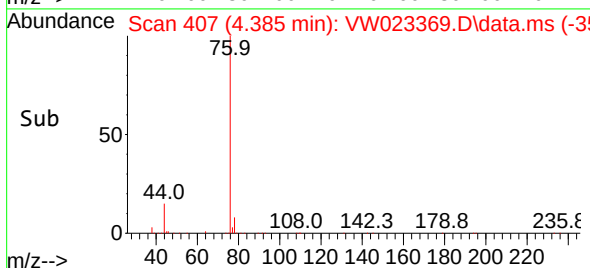
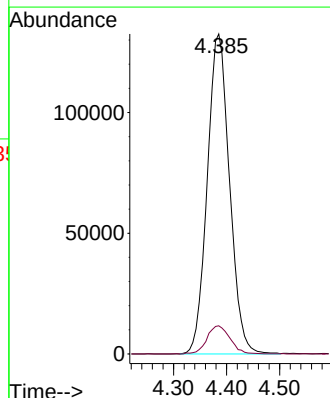
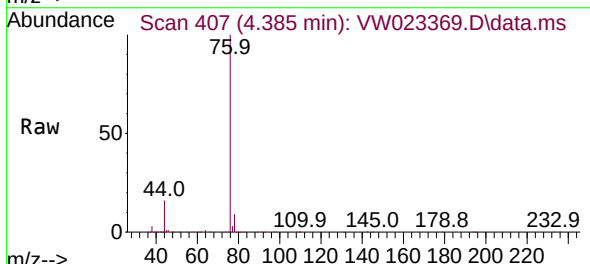
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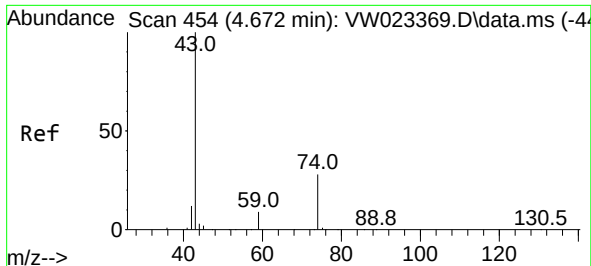
Tgt Ion: 43 Resp: 38076
Ion Ratio Lower Upper
43 100
58 31.5 0.0 63.0



#14
Carbon disulfide
Concen: 23.943 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion: 76 Resp: 386537
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

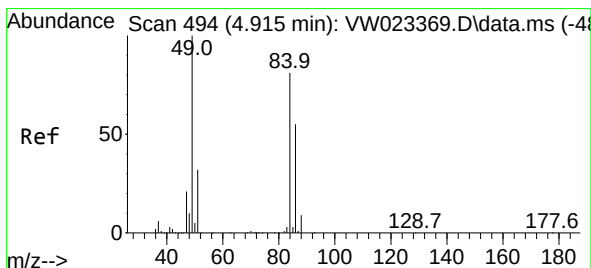
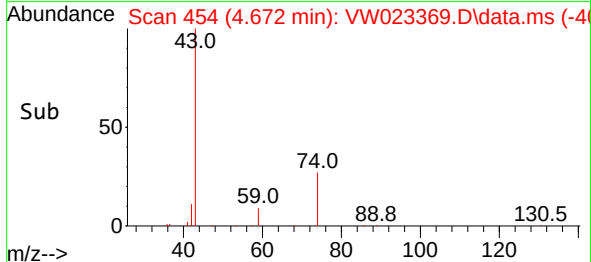
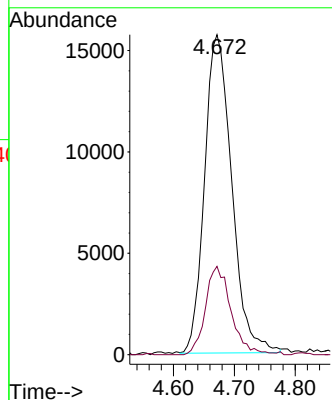
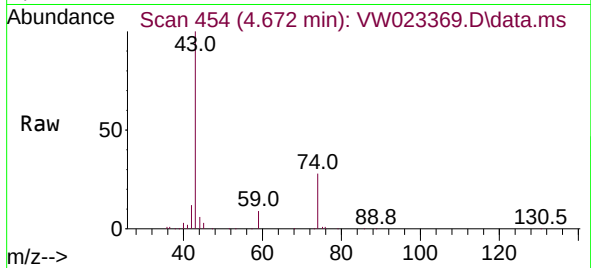




#15
Methyl Acetate
Concen: 23.583 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

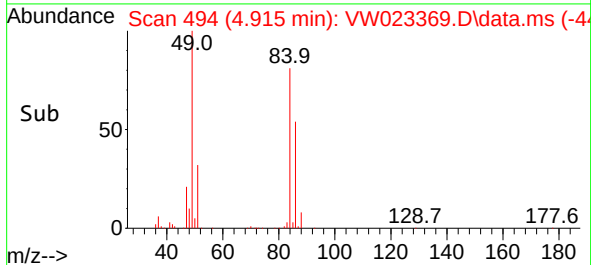
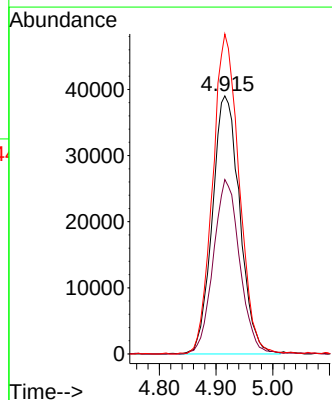
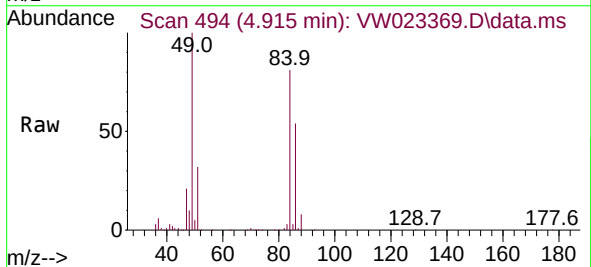
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ClientSampleId :
VSTD025409

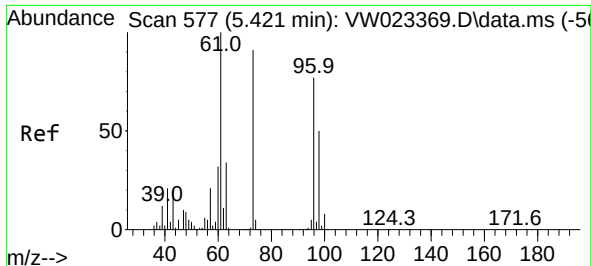
Tgt Ion: 43 Resp: 48738
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2



#16
Methylene chloride
Concen: 21.632 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion: 84 Resp: 130681
Ion Ratio Lower Upper
84 100
86 67.6 47.3 87.9
49 124.0 86.8 161.2

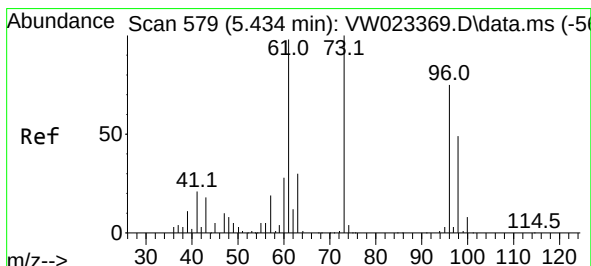
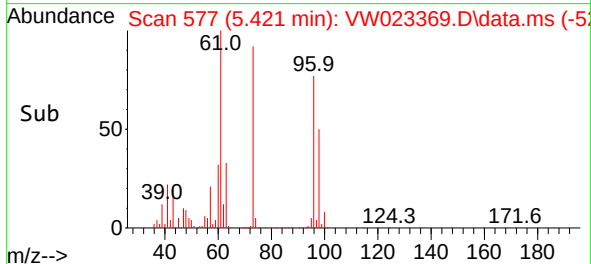
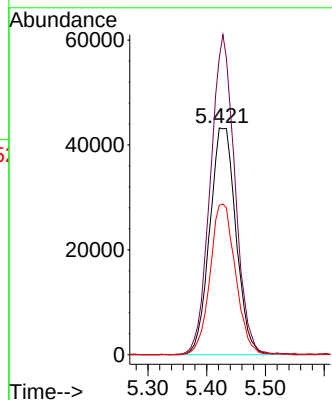
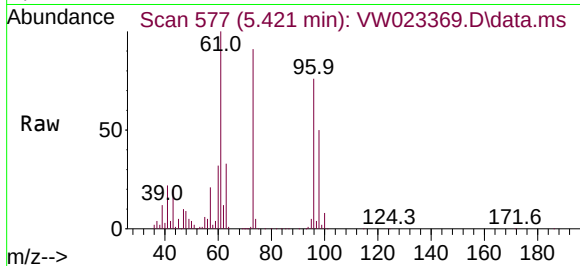




#17
trans-1,2-Dichloroethene
Concen: 23.777 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

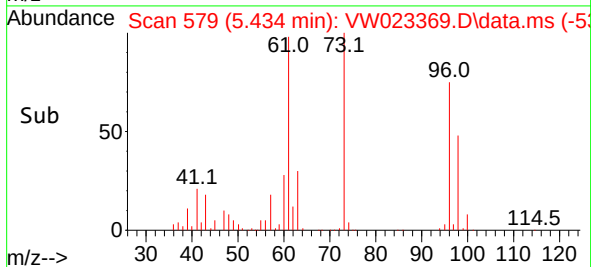
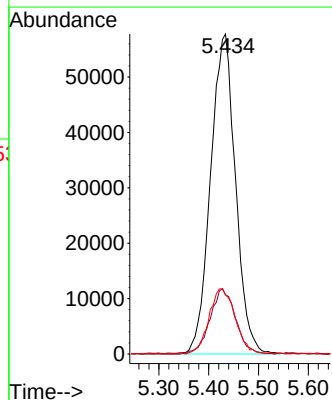
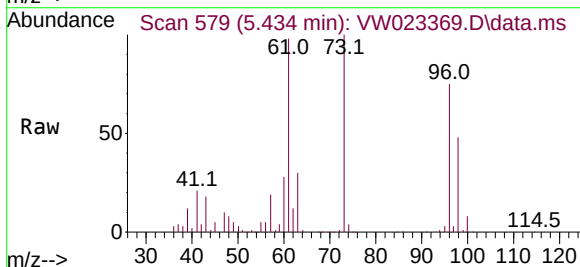
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

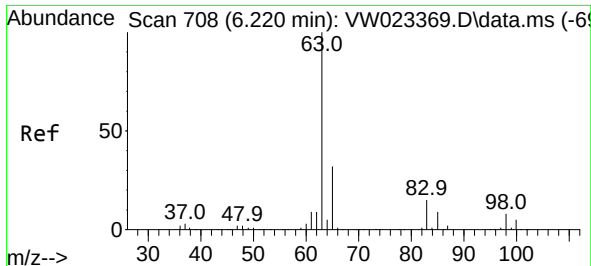
Tgt Ion: 96 Resp: 134070
Ion Ratio Lower Upper
96 100
61 130.8 91.6 170.0
98 65.9 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 24.143 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion: 73 Resp: 200404
Ion Ratio Lower Upper
73 100
43 20.8 16.6 25.0
57 21.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 23.677 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

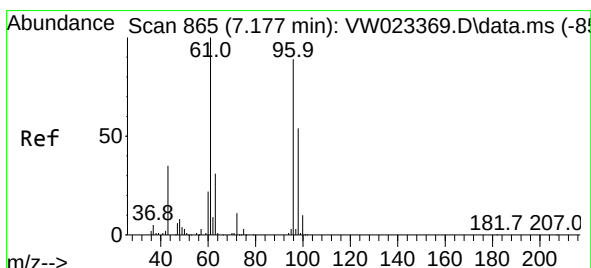
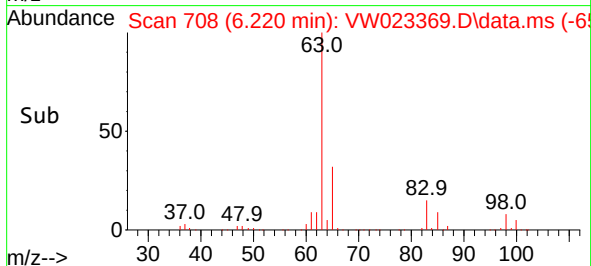
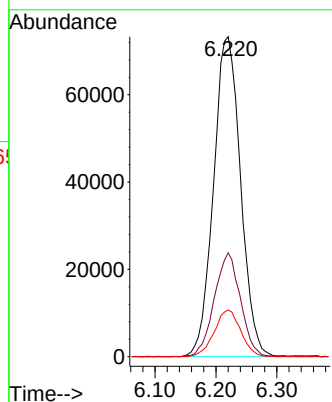
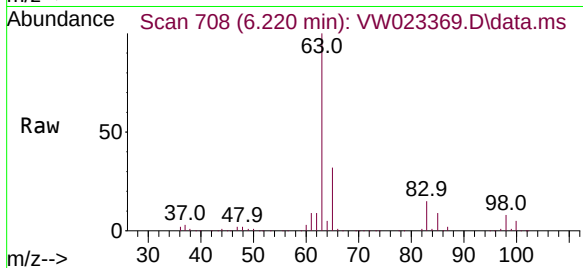
Tgt Ion: 63 Resp: 226139

Ion Ratio Lower Upper

63 100

65 32.4 22.7 42.1

83 14.6 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 23.588 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

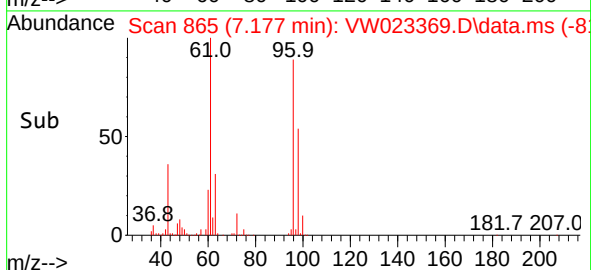
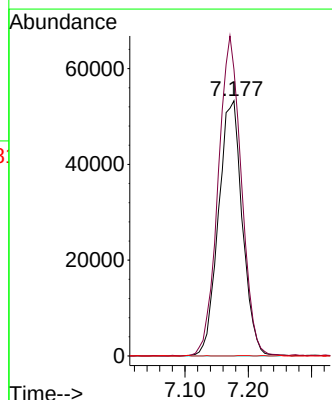
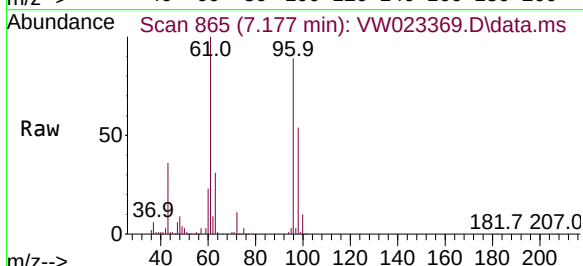
Tgt Ion: 96 Resp: 139671

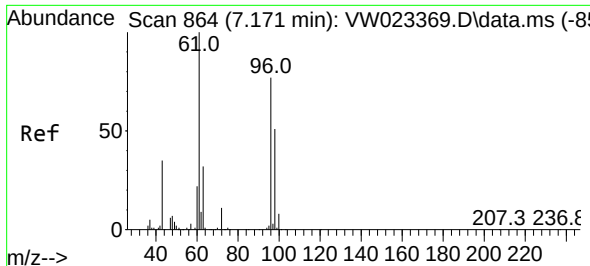
Ion Ratio Lower Upper

96 100

61 112.3 78.6 146.0

68 0.0 0.0 0.0

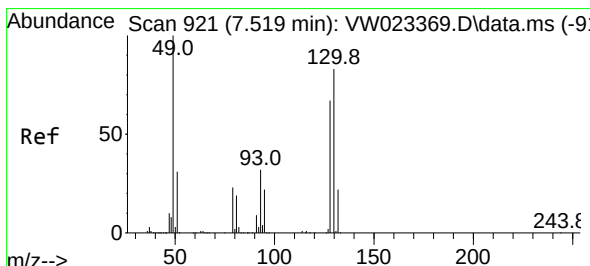
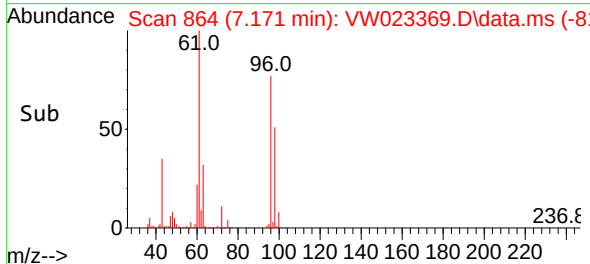
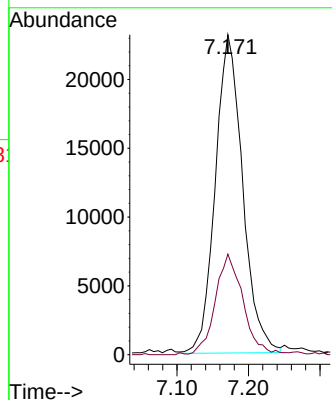
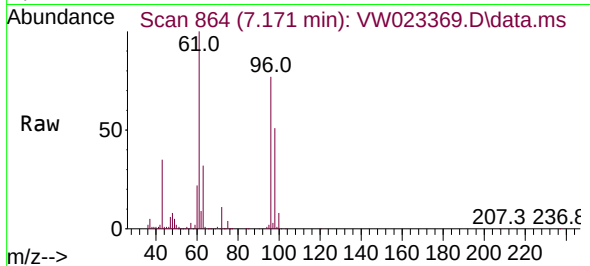




#22
2-Butanone
Concen: 43.934 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

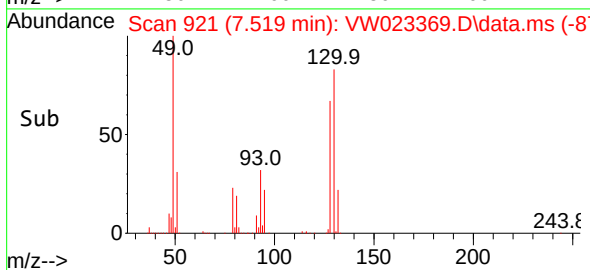
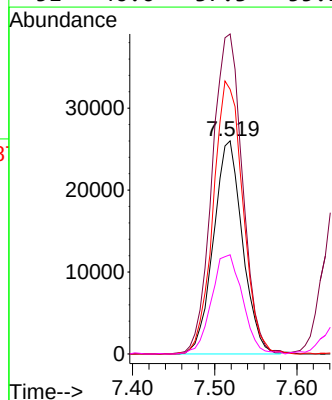
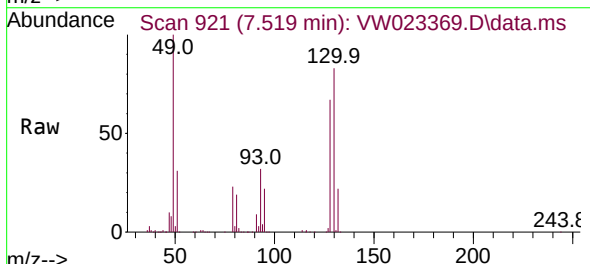
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

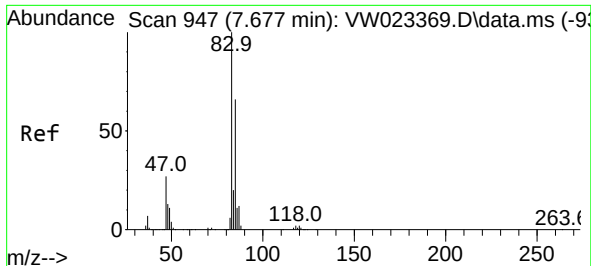
Tgt Ion: 43 Resp: 61414
Ion Ratio Lower Upper
43 100
72 31.3 15.7 47.0



#23
Bromochloromethane
Concen: 22.753 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion: 128 Resp: 63732
Ion Ratio Lower Upper
128 100
49 150.2 105.1 195.3
130 124.2 86.9 161.5
51 46.6 37.3 55.9





#25

Chloroform

Concen: 23.748 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

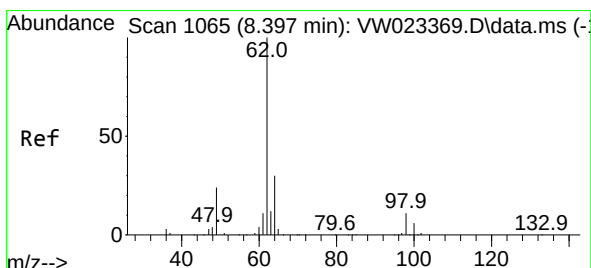
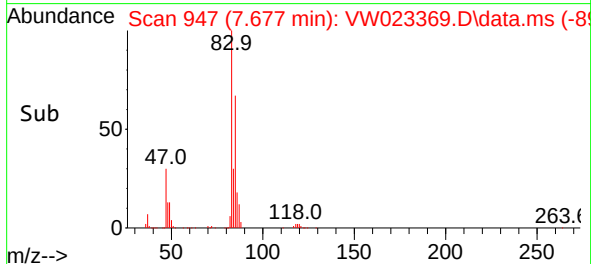
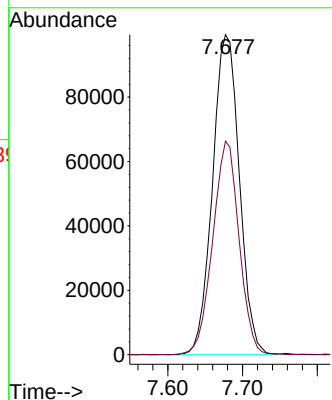
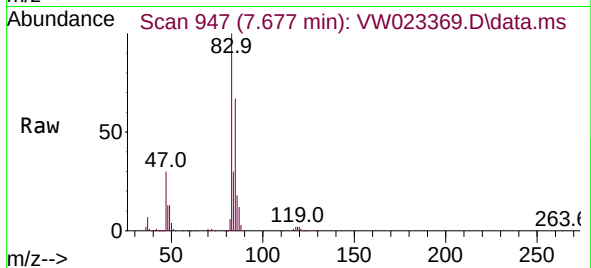
VSTD025409

Tgt Ion: 83 Resp: 248263

Ion Ratio Lower Upper

83 100

85 66.7 46.7 86.7



#27

1,2-Dichloroethane

Concen: 23.405 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW023369.D

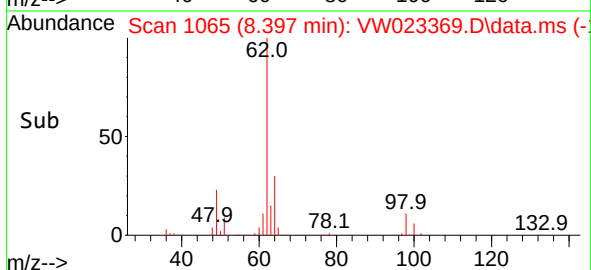
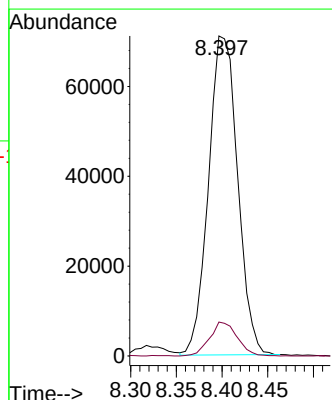
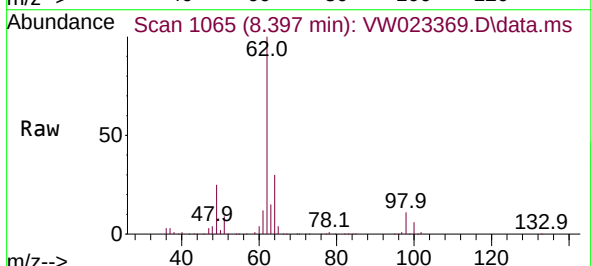
Acq: 02 Jun 2022 11:11

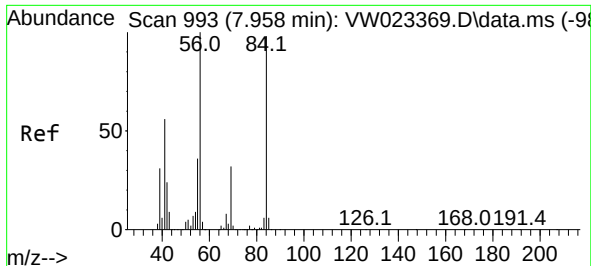
Tgt Ion: 62 Resp: 157529

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7

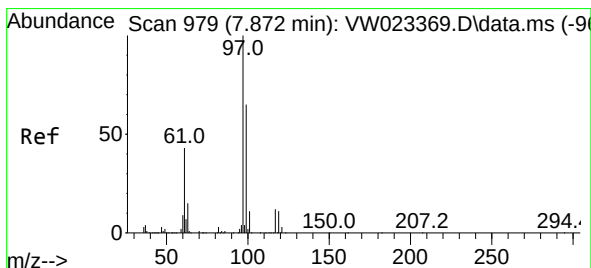
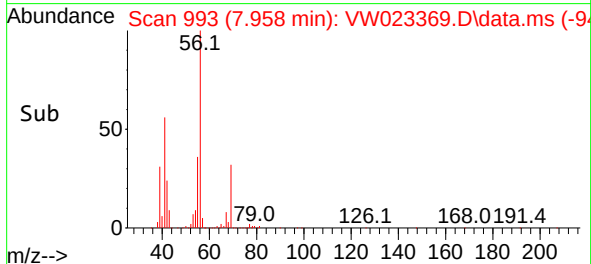
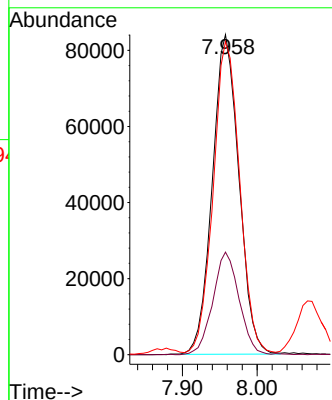
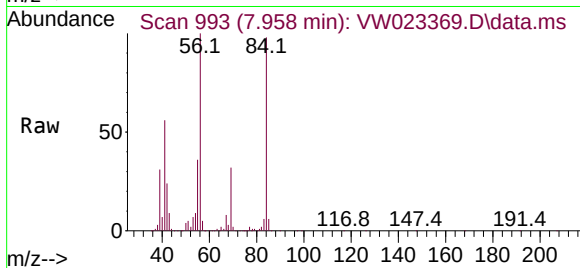




#29
Cyclohexane
Concen: 24.381 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

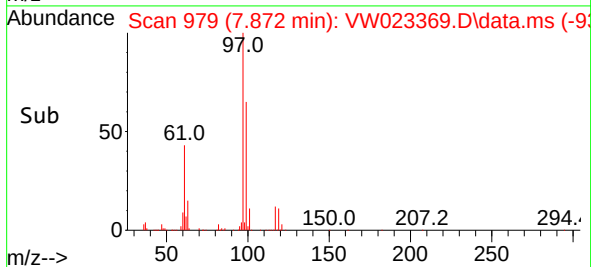
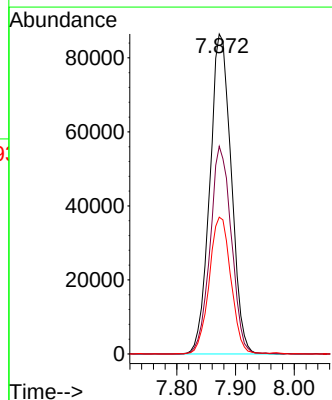
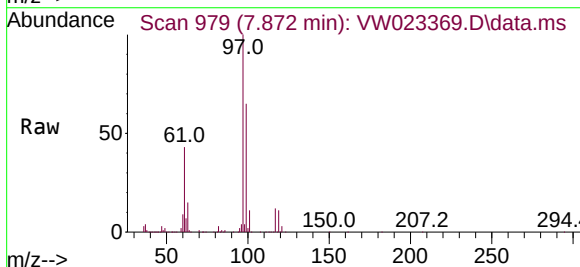
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

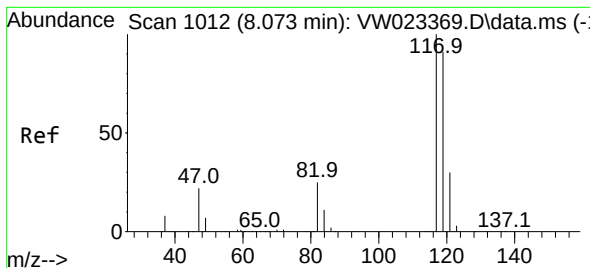
Tgt Ion: 56 Resp: 208001
Ion Ratio Lower Upper
56 100
69 31.5 25.2 37.8
84 97.9 78.3 117.5



#30
1,1,1-Trichloroethane
Concen: 23.676 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion: 97 Resp: 218868
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 43.4 34.7 52.1

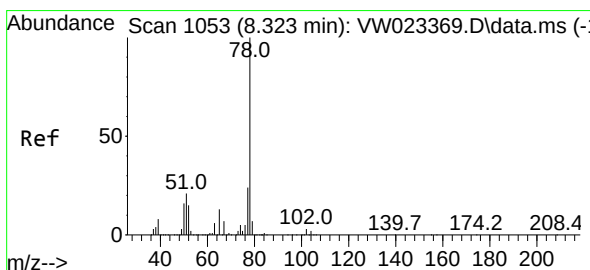
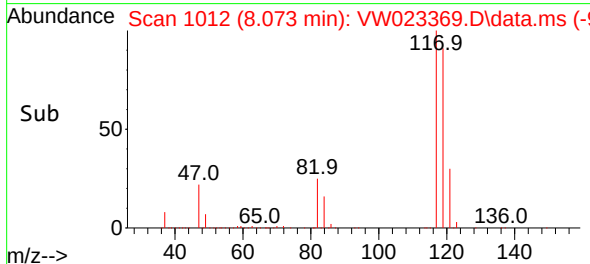
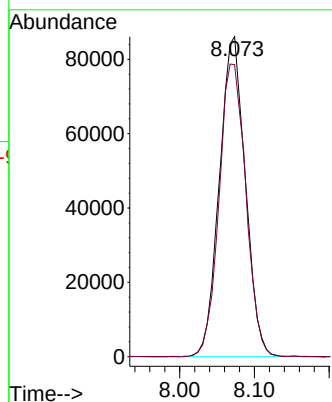
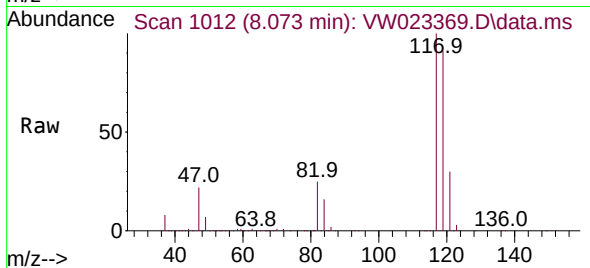




#31
Carbon tetrachloride
Concen: 23.865 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

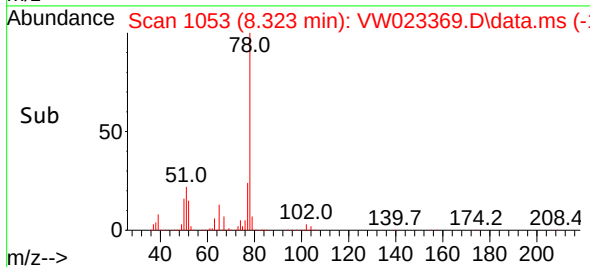
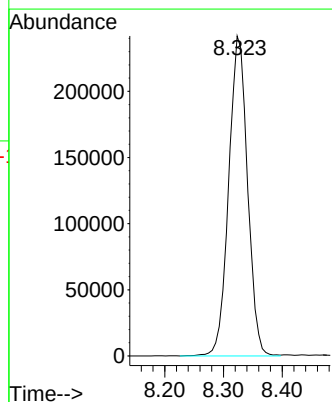
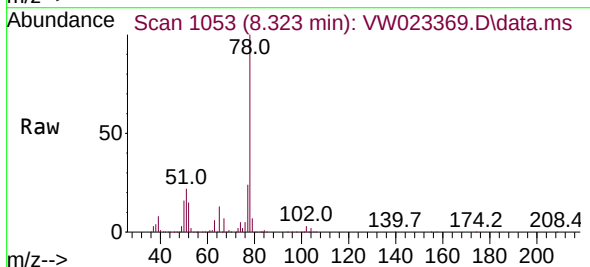
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

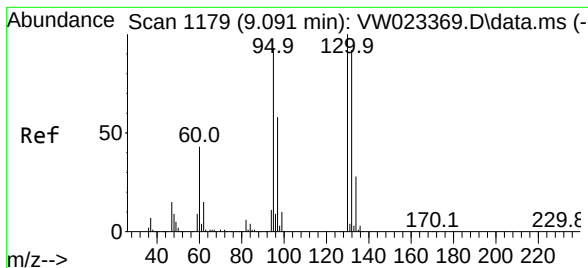
Tgt Ion:117 Resp: 207483
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4



#33
Benzene
Concen: 23.527 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion: 78 Resp: 538321





#34

Trichloroethene

Concen: 23.266 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

Tgt Ion: 95 Resp: 144177

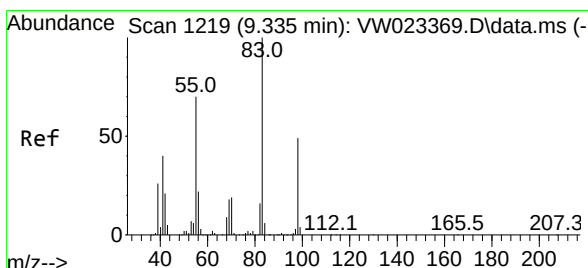
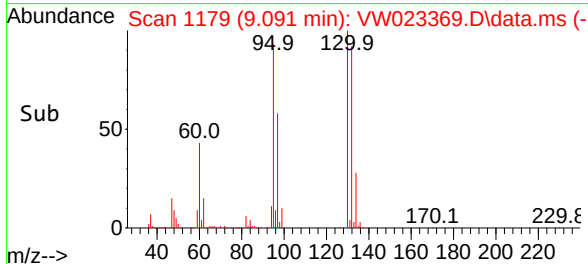
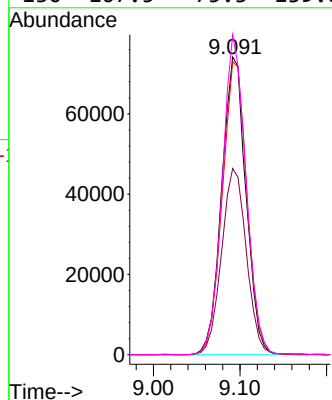
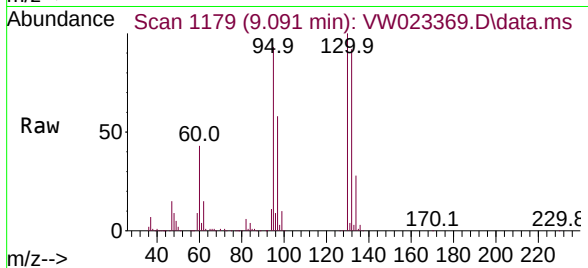
Ion Ratio Lower Upper

95 100

97 62.5 43.8 81.3

132 98.4 68.9 127.9

130 107.5 75.3 139.8



#35

Methylcyclohexane

Concen: 24.768 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

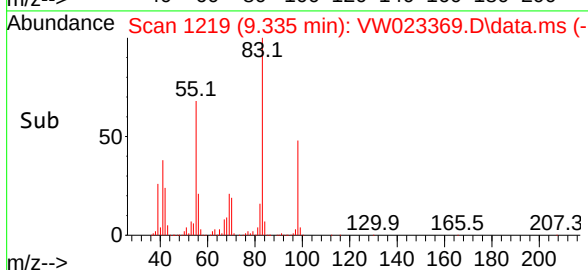
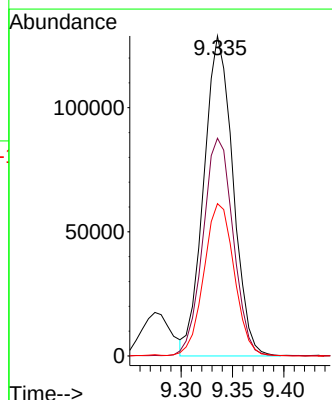
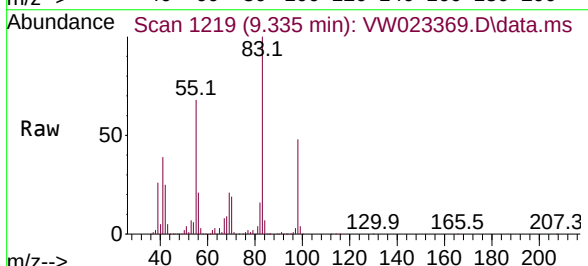
Tgt Ion: 83 Resp: 254277

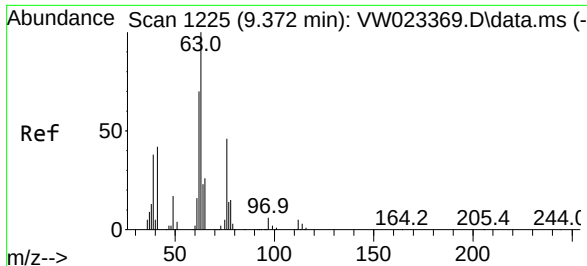
Ion Ratio Lower Upper

83 100

55 70.6 56.5 84.7

98 49.6 39.7 59.5





#37

1,2-Dichloropropane

Concen: 24.190 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

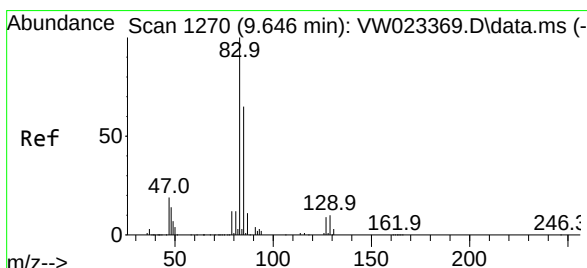
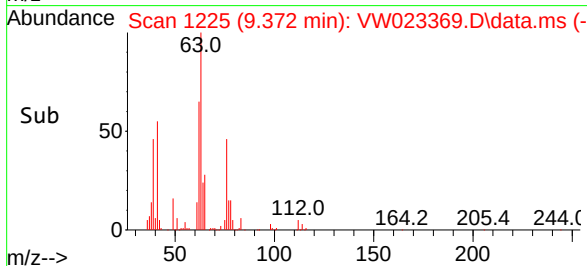
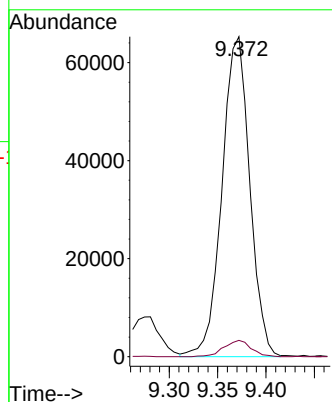
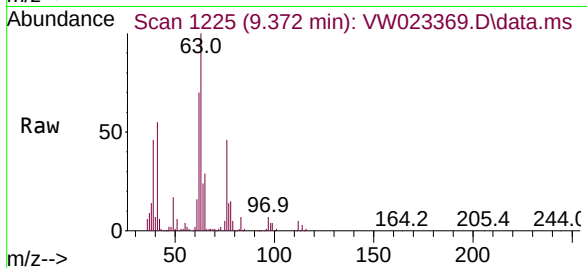
VSTD025409

Tgt Ion: 63 Resp: 130397

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 23.472 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

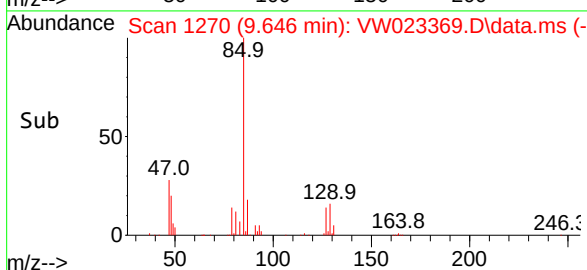
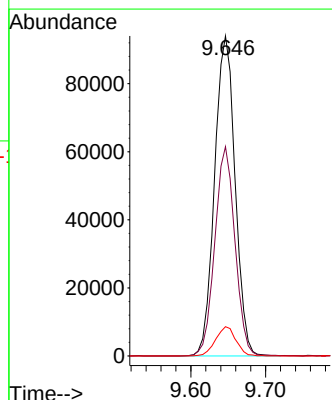
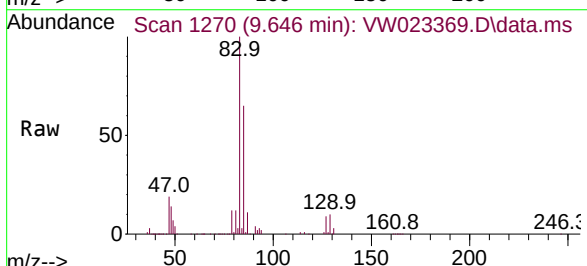
Tgt Ion: 83 Resp: 179101

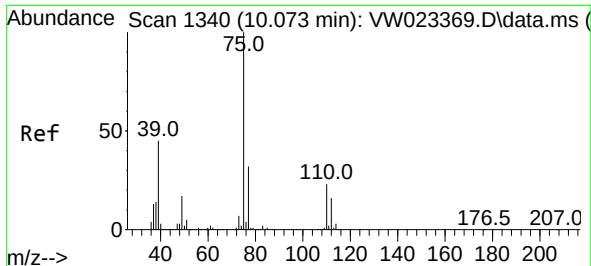
Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.0

127 9.2 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 24.182 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

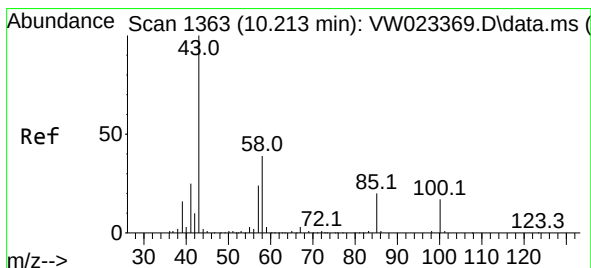
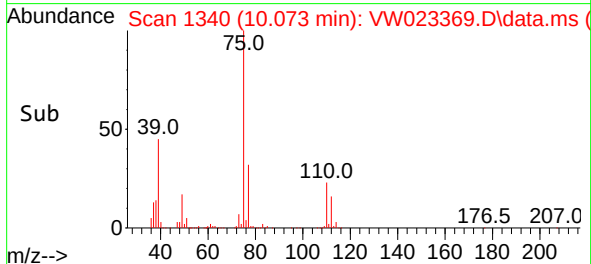
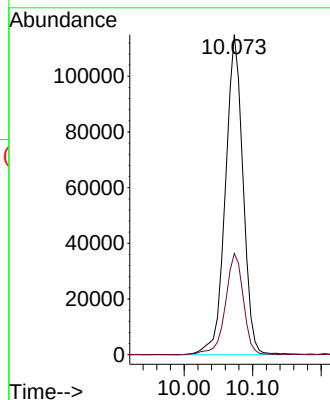
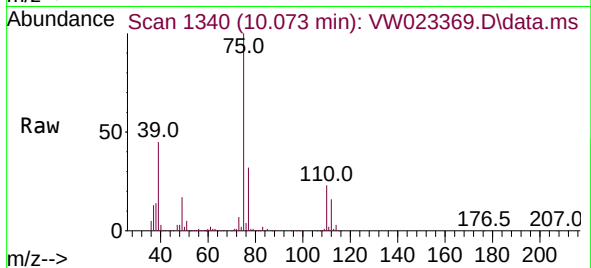
VSTD025409

Tgt Ion: 75 Resp: 204747

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 46.022 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

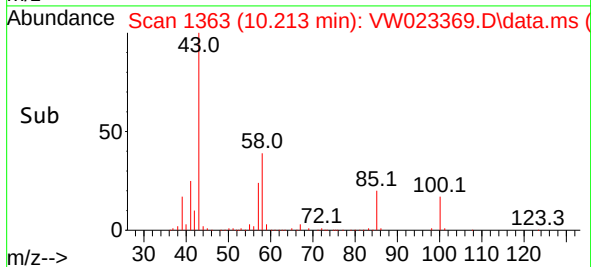
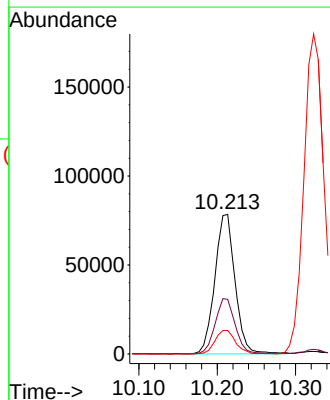
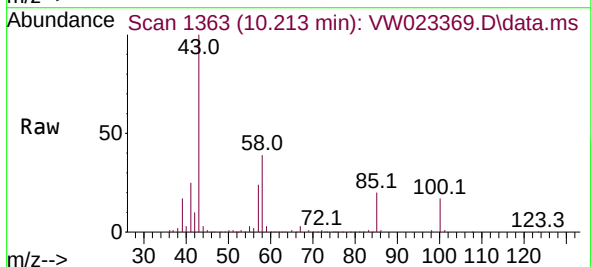
Tgt Ion: 43 Resp: 140598

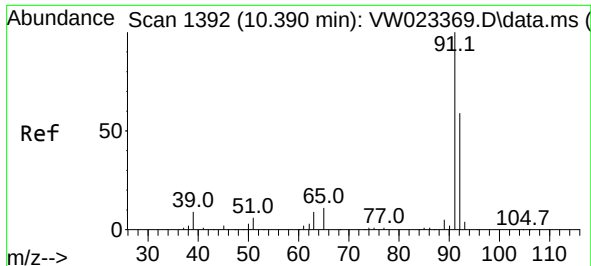
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 17.1 13.7 20.5





#42

Toluene

Concen: 24.391 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

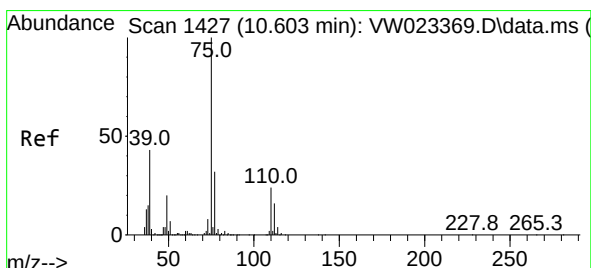
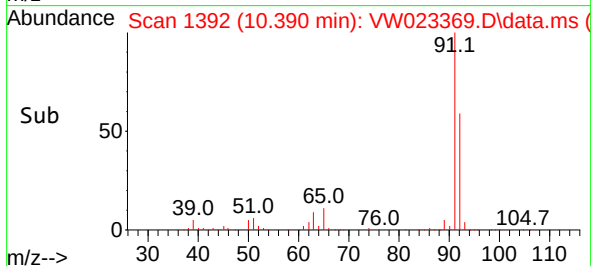
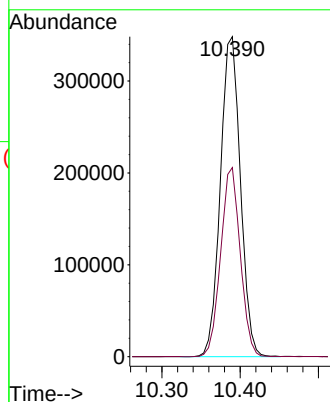
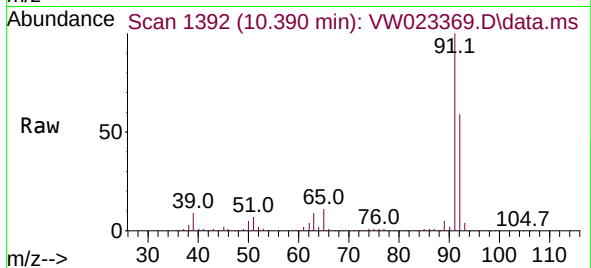
VSTD025409

Tgt Ion: 91 Resp: 620017

Ion Ratio Lower Upper

91 100

92 59.1 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 23.856 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023369.D

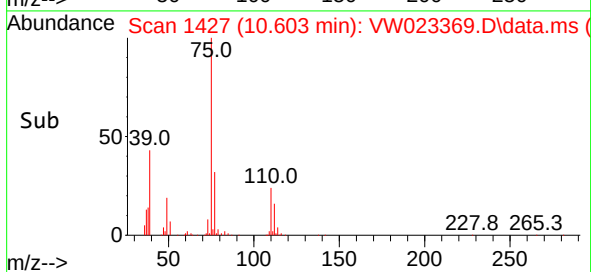
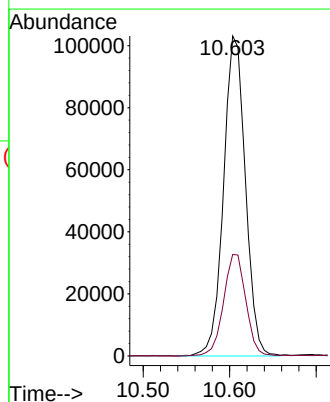
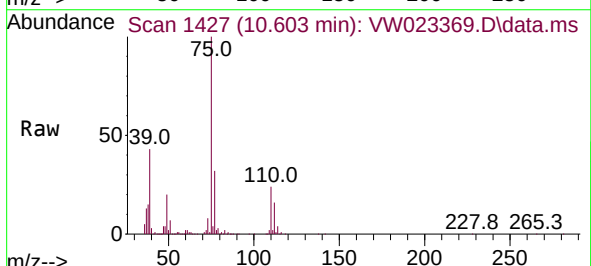
Acq: 02 Jun 2022 11:11

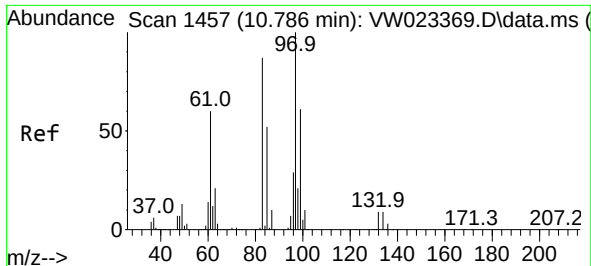
Tgt Ion: 75 Resp: 180742

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2

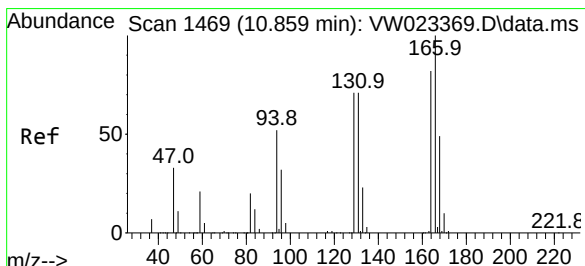
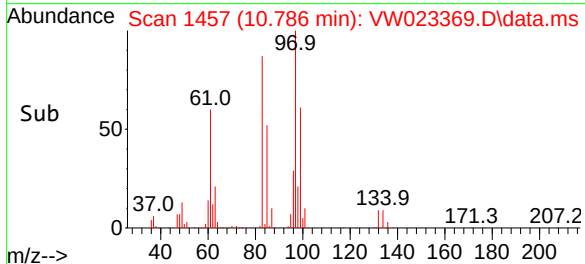
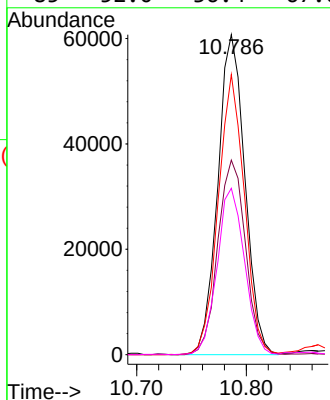
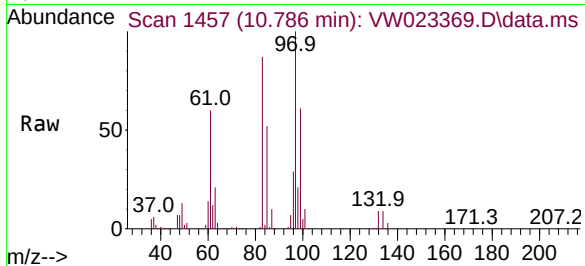




#45
1,1,2-Trichloroethane
Concen: 23.657 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

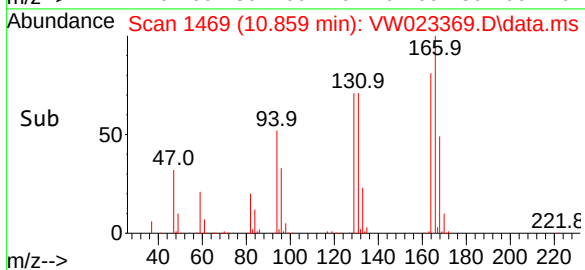
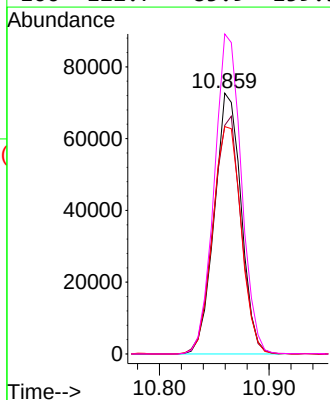
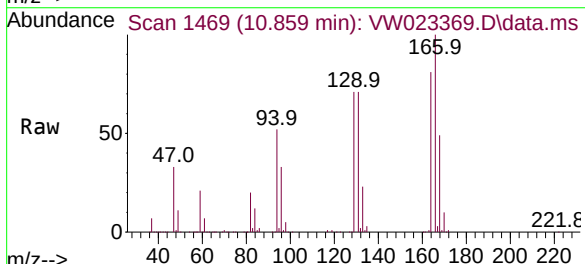
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

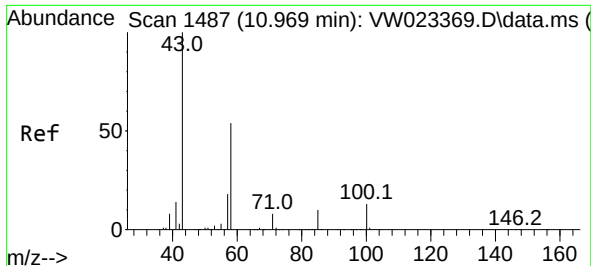
Tgt Ion: 97	Resp: 104408
Ion Ratio	Lower Upper
97 100	
99 60.8	42.6 79.0
83 87.5	61.2 113.8
85 52.0	36.4 67.6



#46
Tetrachloroethene
Concen: 24.806 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt	Ion:164	Resp:	123087
Ion	Ratio	Lower	Upper
164	100		
129	87.7	61.4	114.0
131	87.2	61.0	113.4
166	122.7	85.9	159.5

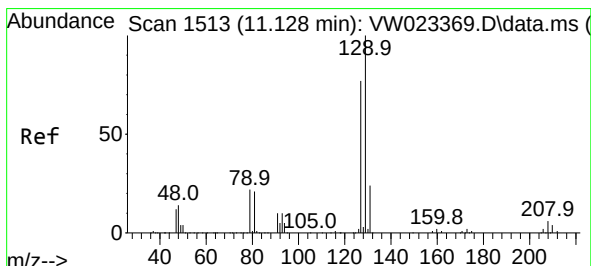
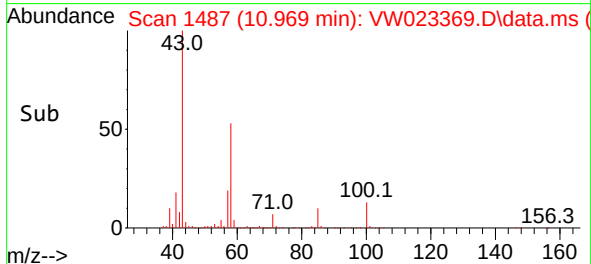
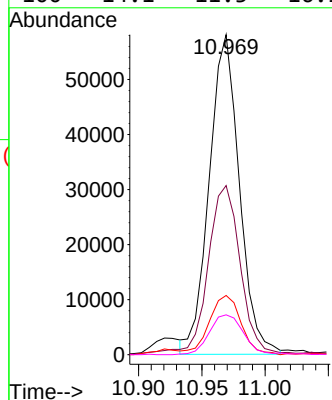
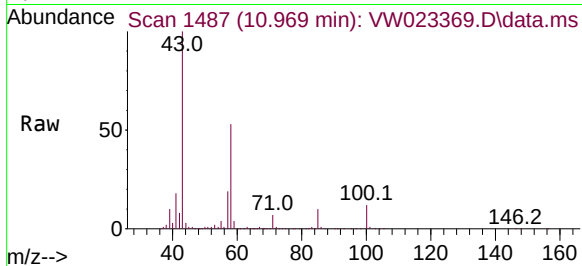




#48
2-Hexanone
Concen: 47.205 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

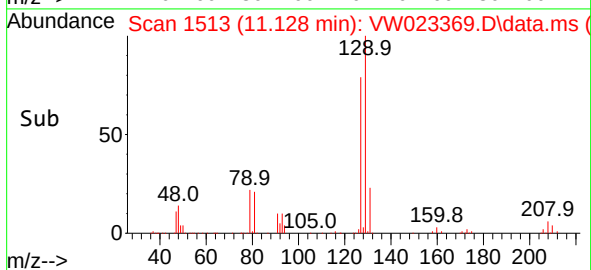
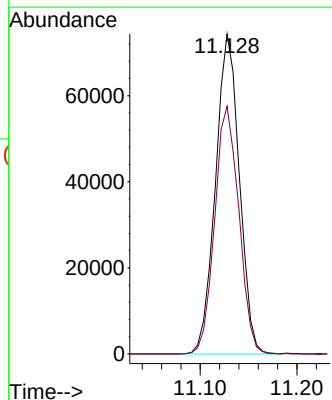
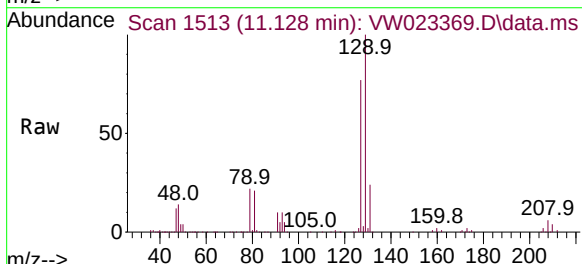
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

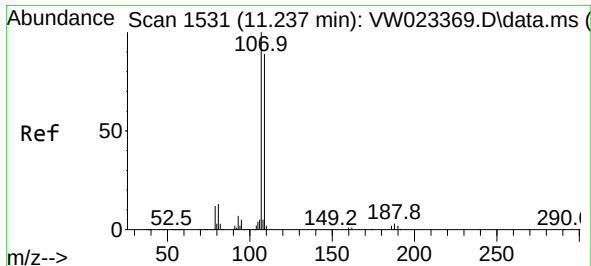
Tgt Ion:	43	Resp:	96387
Ion	Ratio	Lower	Upper
43	100		
58	55.5	44.4	66.6
57	19.5	15.6	23.4
100	14.1	11.3	16.9



#49
Dibromochloromethane
Concen: 23.467 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion:	129	Resp:	127094
Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.2	100.6





#50

1,2-Dibromoethane

Concen: 23.198 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

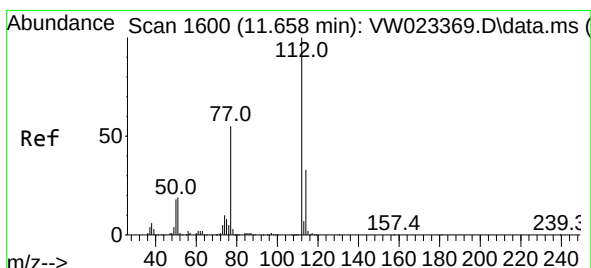
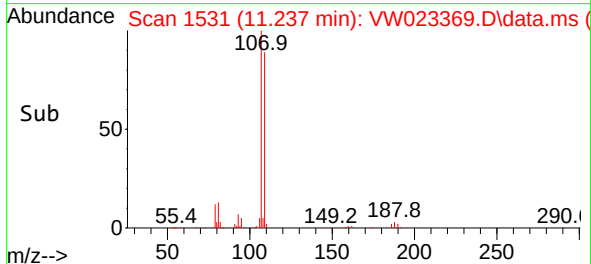
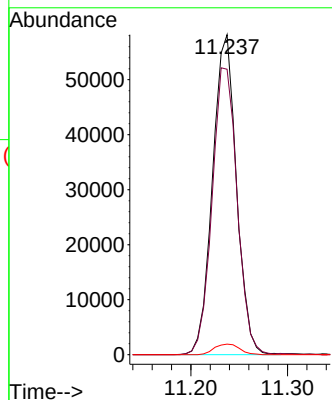
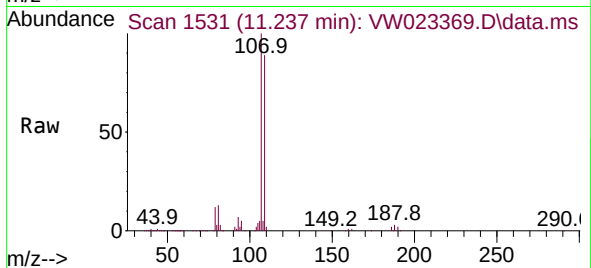
Tgt Ion:107 Resp: 99807

Ion Ratio Lower Upper

107 100

109 89.2 62.4 116.0

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 23.878 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

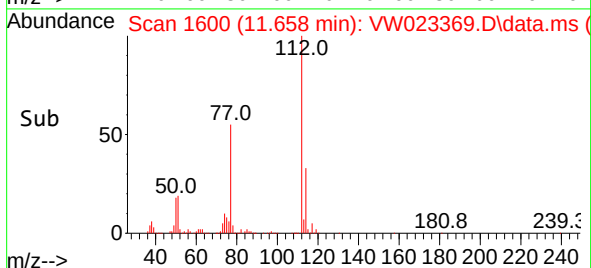
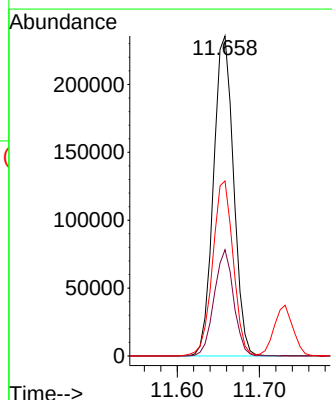
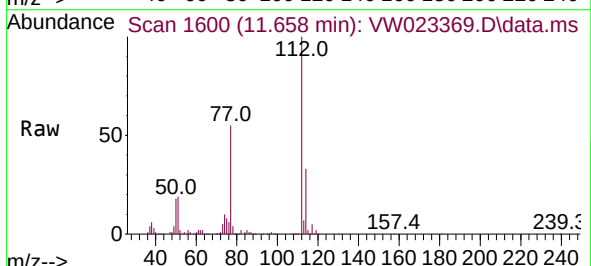
Tgt Ion:112 Resp: 400762

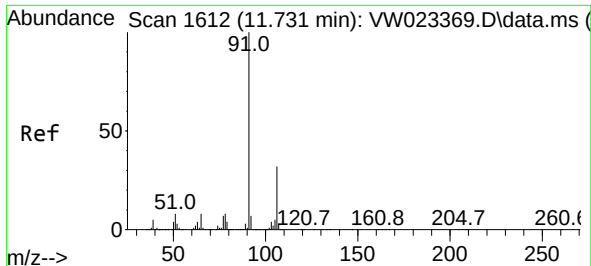
Ion Ratio Lower Upper

112 100

114 33.2 23.2 43.2

77 54.7 43.8 65.6

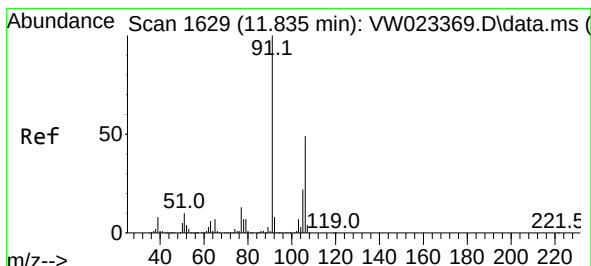
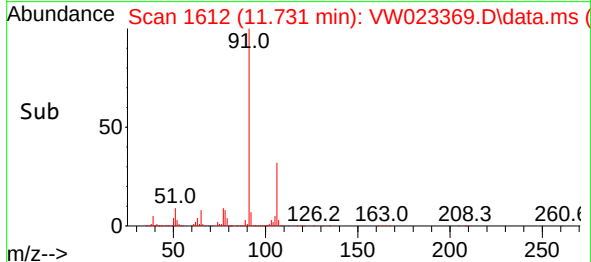
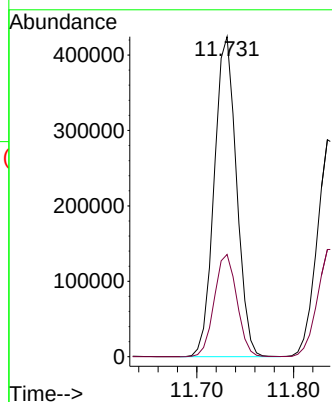
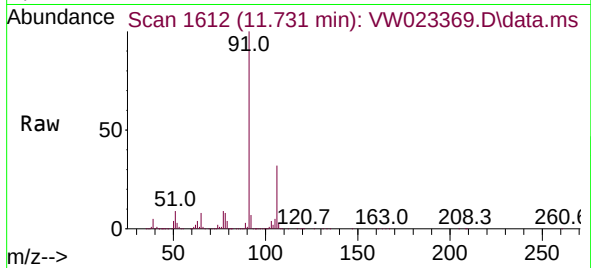




#52
Ethylbenzene
Concen: 24.281 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

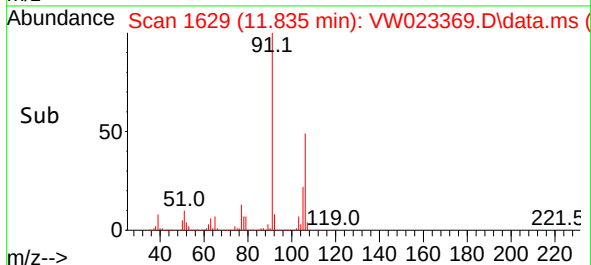
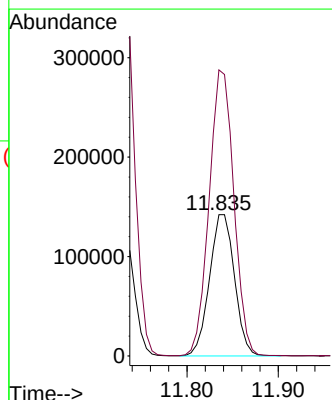
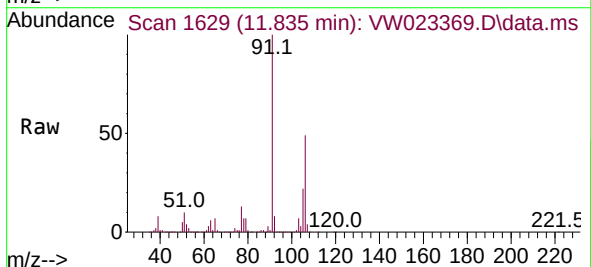
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

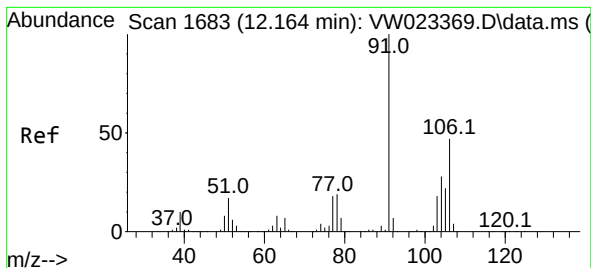
Tgt Ion: 91 Resp: 677786
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 24.444 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion: 106 Resp: 270207
Ion Ratio Lower Upper
106 100
91 202.4 141.7 263.1





#54

o-Xylene

Concen: 24.379 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

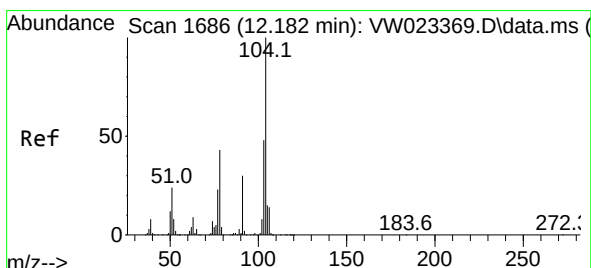
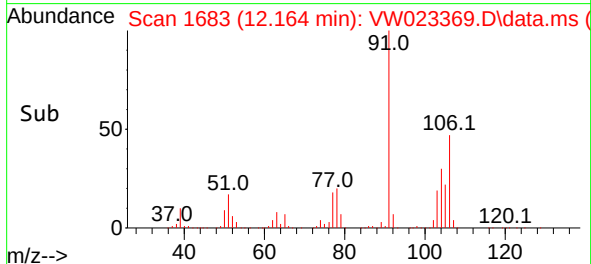
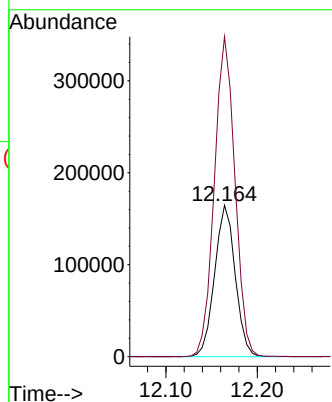
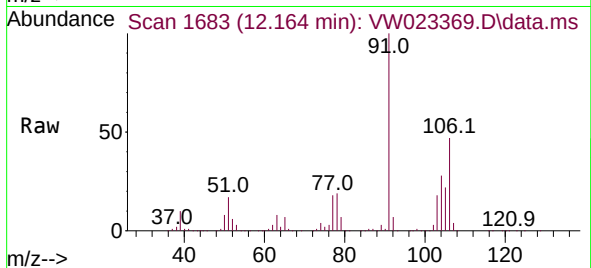
VSTD025409

Tgt Ion:106 Resp: 257826

Ion Ratio Lower Upper

106 100

91 211.4 148.0 274.8



#55

Styrene

Concen: 24.769 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW023369.D

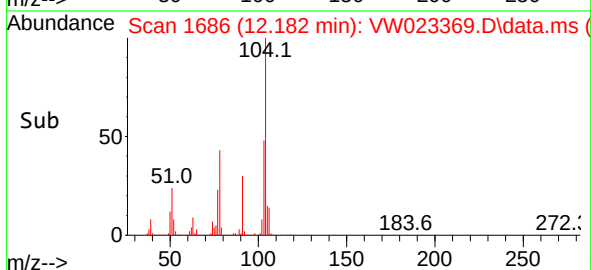
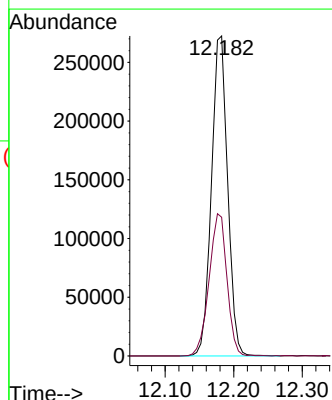
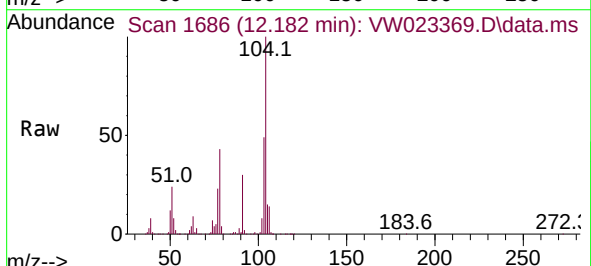
Acq: 02 Jun 2022 11:11

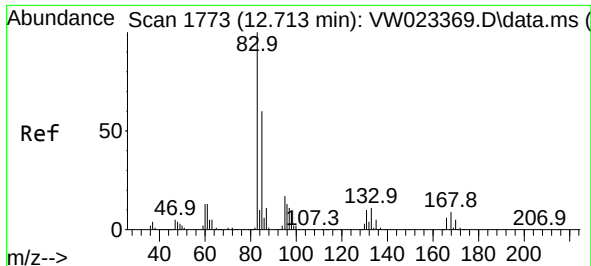
Tgt Ion:104 Resp: 446430

Ion Ratio Lower Upper

104 100

78 43.3 30.3 56.3





#57

1,1,2-Tetrachloroethane

Concen: 23.548 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

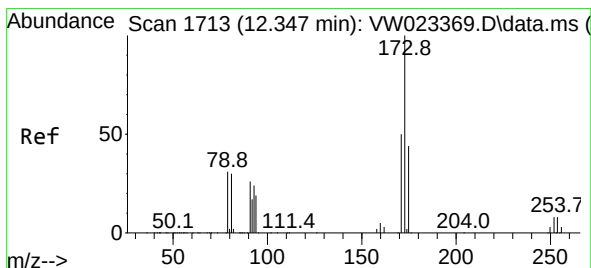
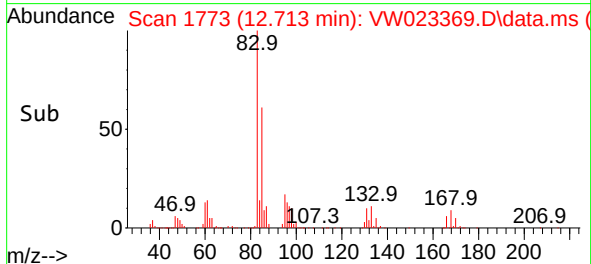
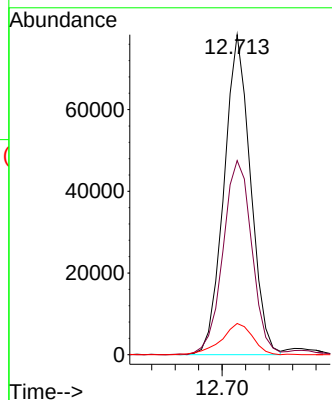
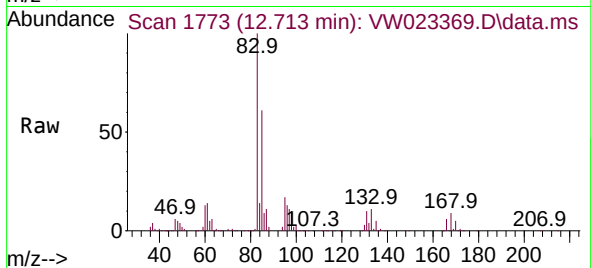
Tgt Ion: 83 Resp: 122751

Ion Ratio Lower Upper

83 100

85 60.6 42.4 78.8

131 9.7 7.8 11.6



#59

Bromoform

Concen: 23.768 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

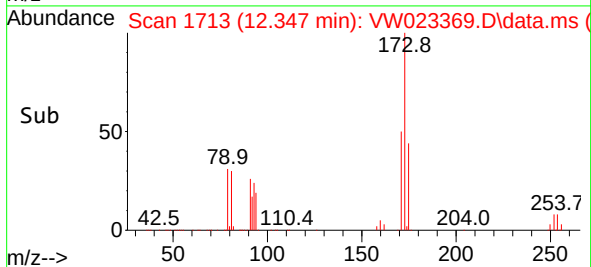
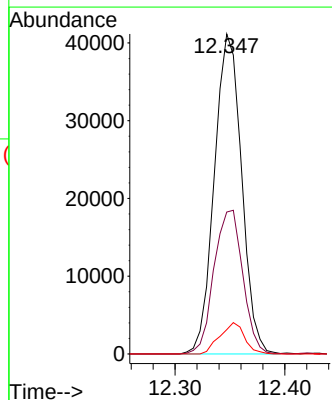
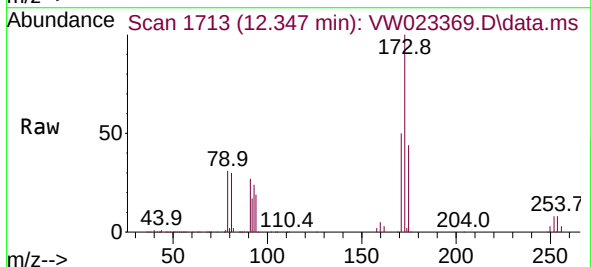
Tgt Ion: 173 Resp: 71163

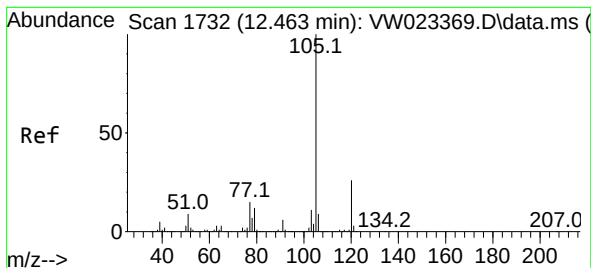
Ion Ratio Lower Upper

173 100

175 47.4 37.9 56.9

254 8.9 7.1 10.7

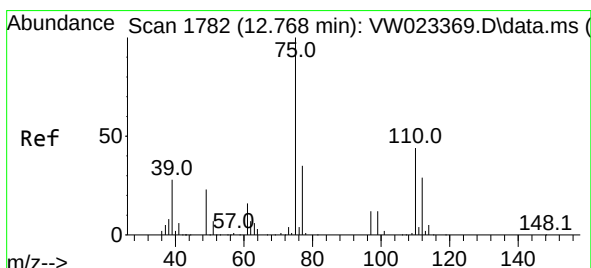
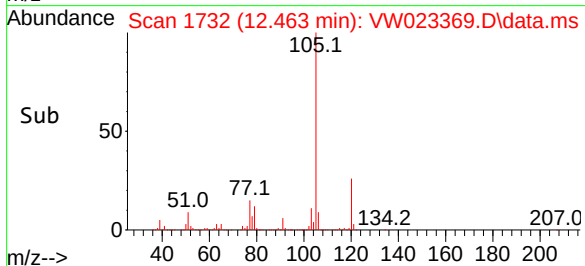
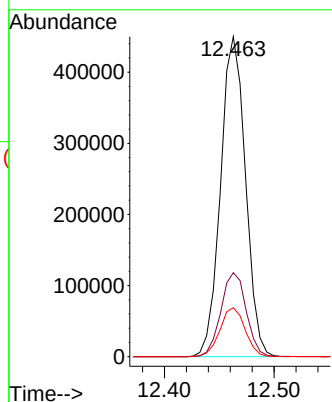
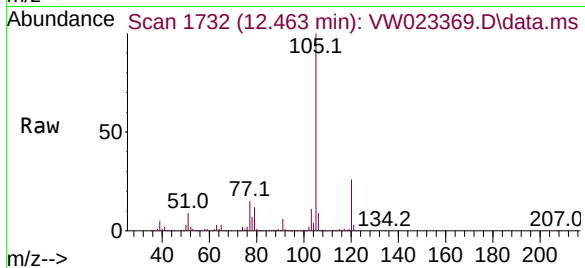




#60
Isopropylbenzene
Concen: 25.358 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

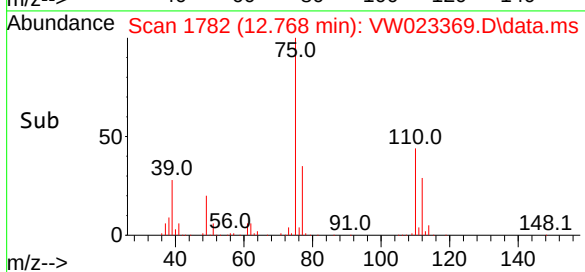
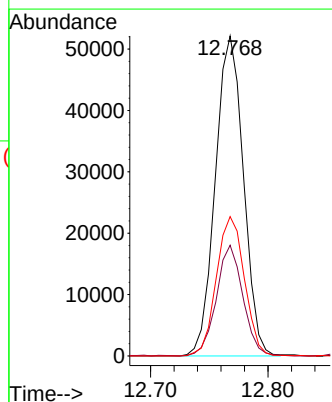
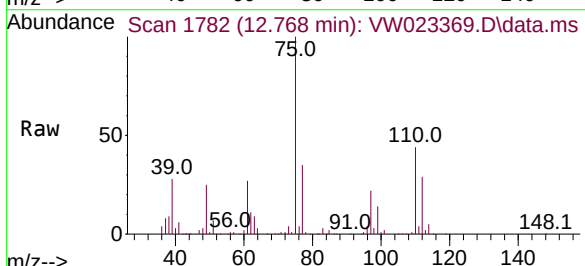
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

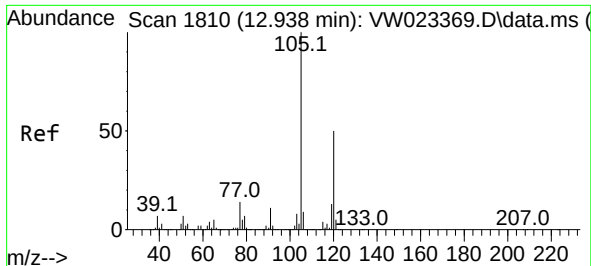
Tgt Ion:105 Resp: 709318
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 23.626 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion: 75 Resp: 86615
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 43.4 34.7 52.1

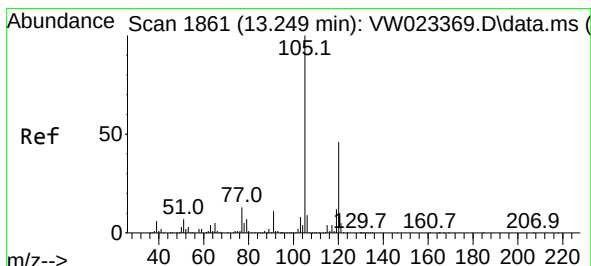
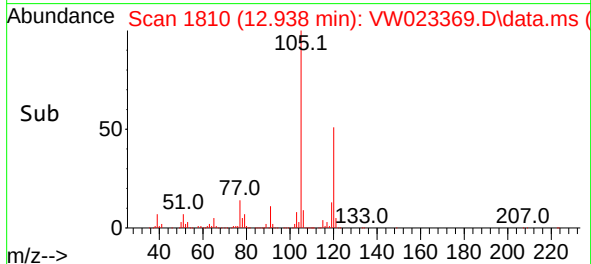
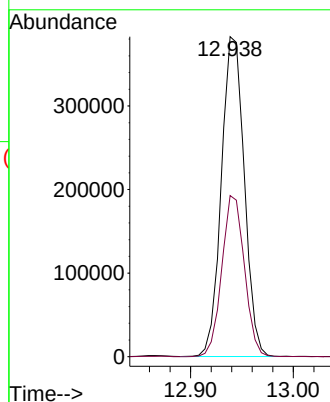
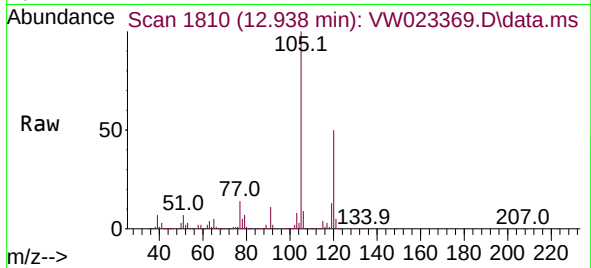




#62
1,3,5-Trimethylbenzene
Concen: 25.890 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

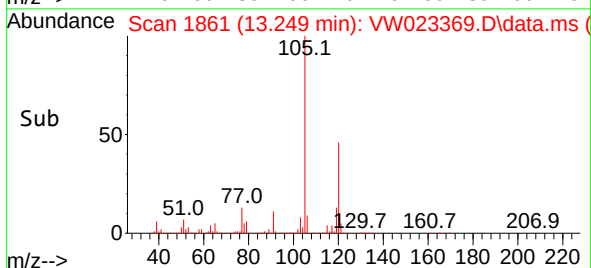
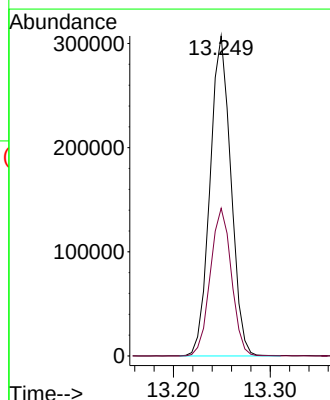
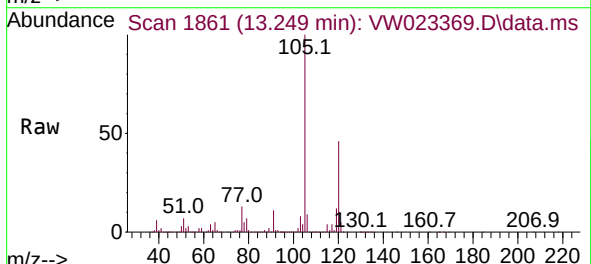
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

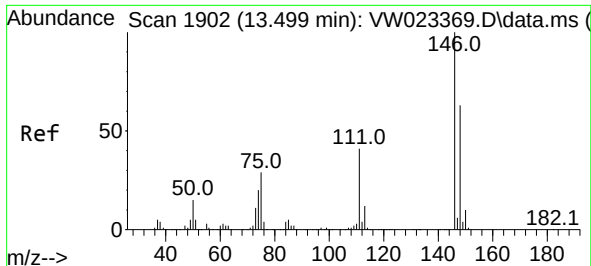
Tgt Ion:105 Resp: 593372
Ion Ratio Lower Upper
105 100
120 49.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 25.971 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion:105 Resp: 462109
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8

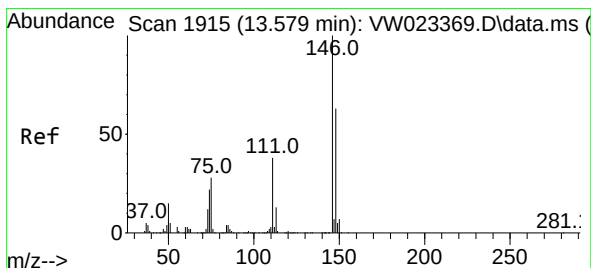
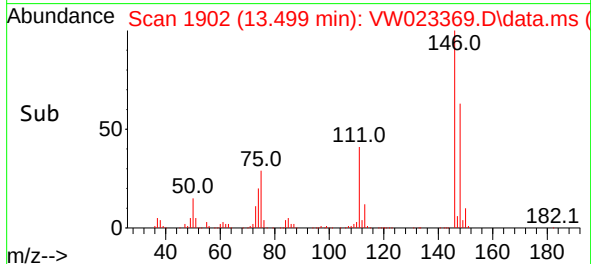
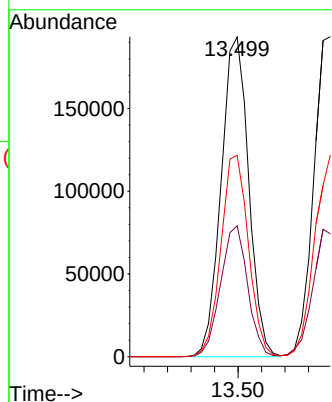
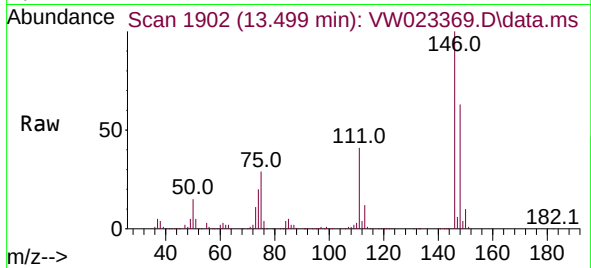




#64
1,3-Dichlorobenzene
Concen: 24.707 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

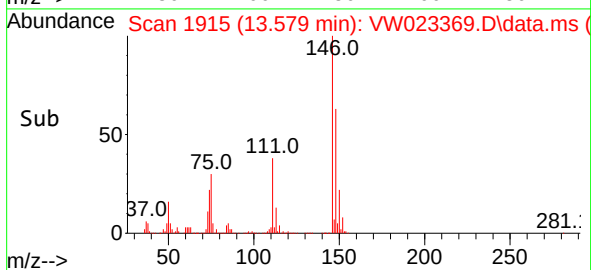
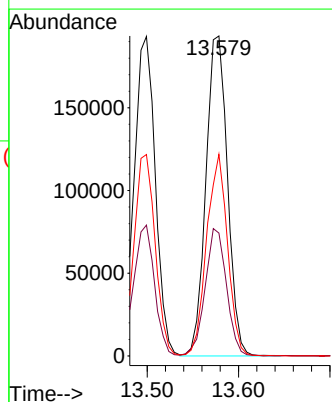
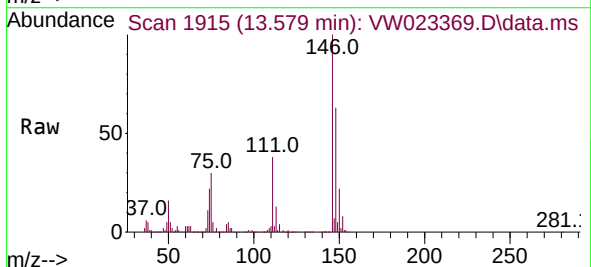
Instrument :
MSVOA_W
ClientSampleId :
VSTD025409

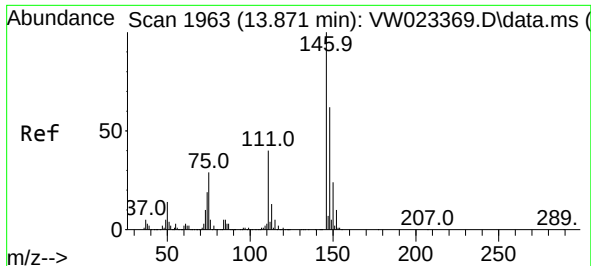
Tgt Ion:146 Resp: 314200
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 24.379 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023369.D
Acq: 02 Jun 2022 11:11

Tgt Ion:146 Resp: 316921
Ion Ratio Lower Upper
146 100
111 38.4 26.9 49.9
148 63.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 24.609 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

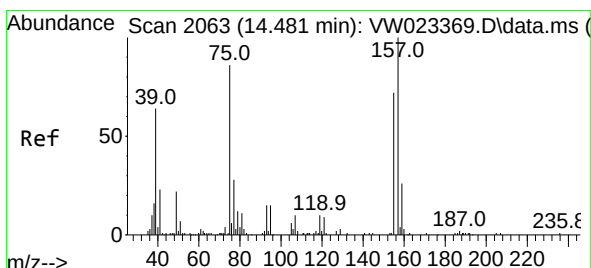
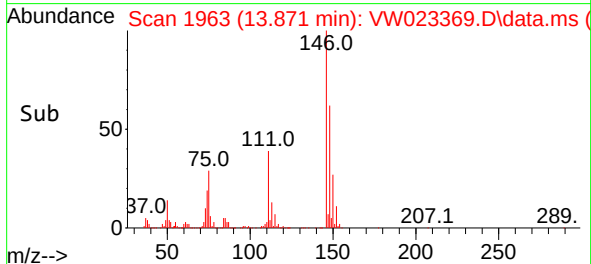
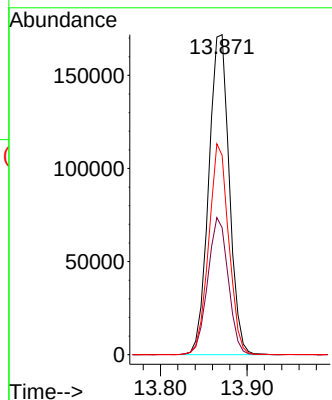
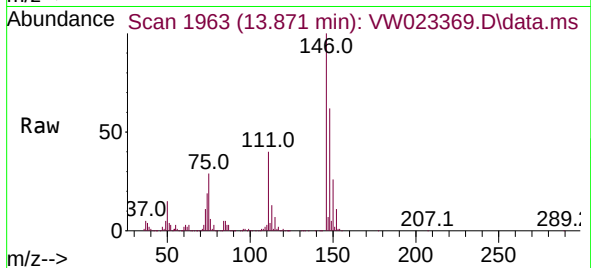
Tgt Ion:146 Resp: 282870

Ion Ratio Lower Upper

146 100

111 39.6 31.7 47.5

148 62.3 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.596 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

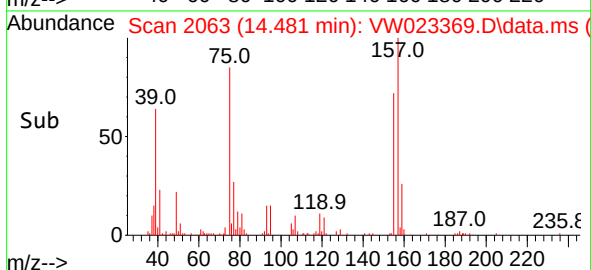
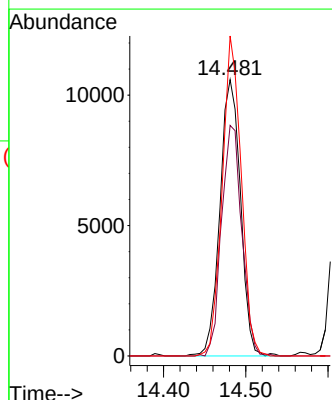
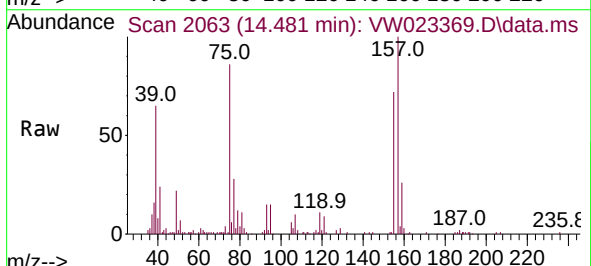
Tgt Ion: 75 Resp: 18452

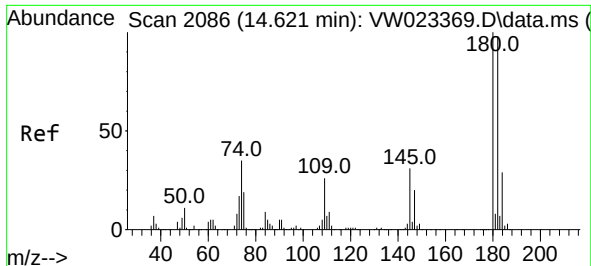
Ion Ratio Lower Upper

75 100

155 83.4 66.7 100.1

157 115.8 92.6 139.0





#69

1,3,5-Trichlorobenzene

Concen: 25.057 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

Tgt Ion:180 Resp: 210435

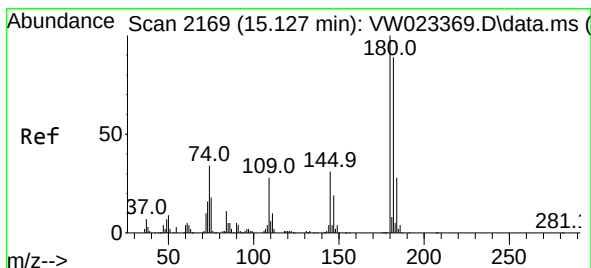
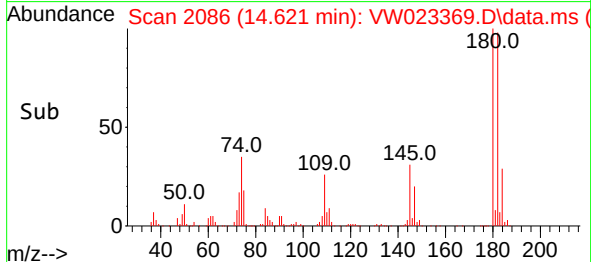
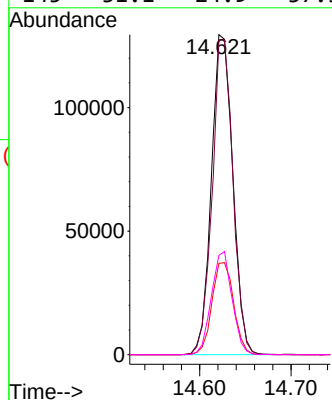
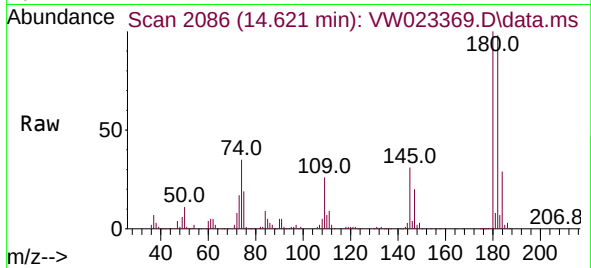
Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

184 29.3 23.4 35.2

145 31.1 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 25.157 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

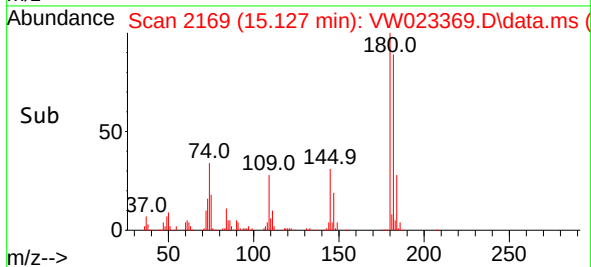
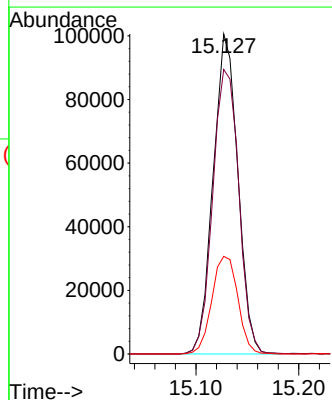
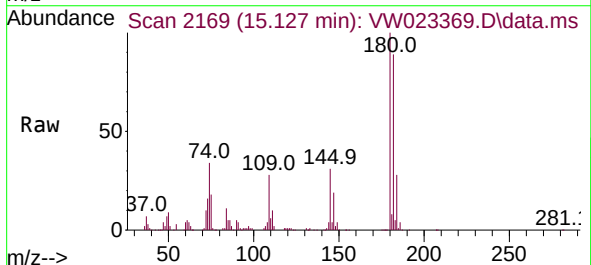
Tgt Ion:180 Resp: 167868

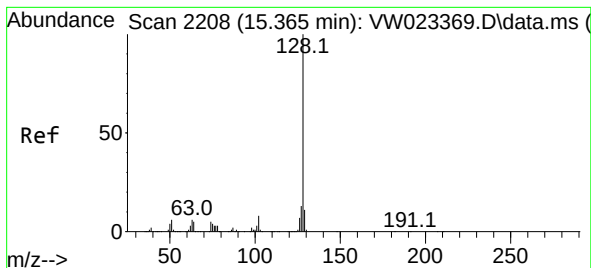
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 32.1 25.7 38.5





#71

Naphthalene

Concen: 26.108 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

VSTD025409

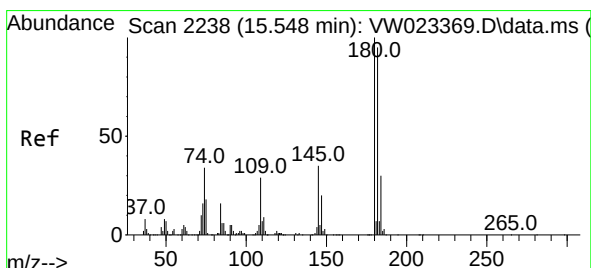
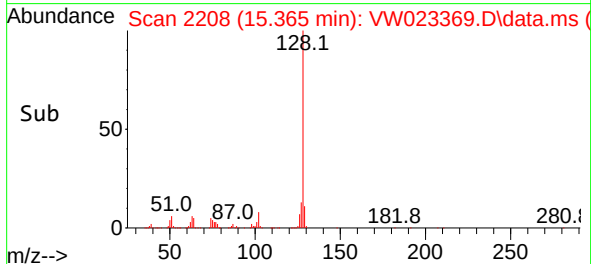
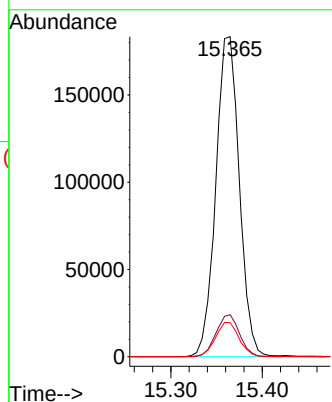
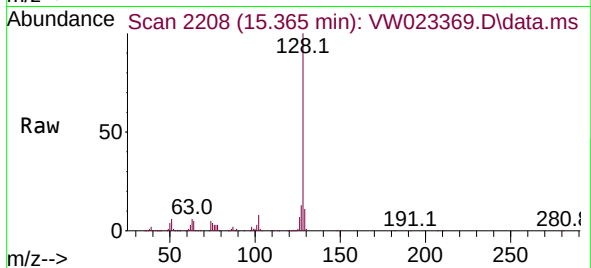
Tgt Ion:128 Resp: 327998

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.376 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW023369.D

Acq: 02 Jun 2022 11:11

Tgt Ion:180 Resp: 140789

Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

145 35.0 28.0 42.0

