

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023370.D
 Acq On : 02 Jun 2022 11:35
 Operator : SY/VA
 Sample : VSTD05010
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050410

Quant Time: Jun 02 21:27:12 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	8.842	114	434935	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	406834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	223694	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	304211	47.297	ug/L	0.00
7) Chloroethane-d5	2.885	69	231500	51.916	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	471609	47.704	ug/L	0.00
21) 2-Butanone-d5	7.080	46	124920	94.638	ug/L	0.00
24) Chloroform-d	7.653	84	545692	47.646	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	283747	47.301	ug/L	0.00
32) Benzene-d6	8.275	84	1059255	48.457	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	303387	48.512	ug/L	0.00
41) Toluene-d8	10.323	98	1049487	50.353	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	141126	50.550	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	99843	99.378	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	266864	48.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	391294	49.487	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	91504	51.260	ug/L	96
3) Chloromethane	2.221	50	245556	45.719	ug/L	100
5) Vinyl chloride	2.361	62	394720	47.212	ug/L	98
6) Bromomethane	2.782	94	196434	48.130	ug/L	97
8) Chloroethane	2.922	64	194818	50.971	ug/L	97
9) Trichlorofluoromethane	3.257	101	183445	46.450	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	266225	46.524	ug/L	98
12) 1,1-Dichloroethene	4.044	96	241943	48.539	ug/L	98
13) Acetone	4.123	43	74411	77.079	ug/L	95
14) Carbon disulfide	4.385	76	802550	48.203	ug/L	98
15) Methyl Acetate	4.666	43	97803	45.888	ug/L	99
16) Methylene chloride	4.916	84	262030	42.058	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	284807	48.977	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	413958	48.356	ug/L	99
19) 1,1-Dichloroethane	6.220	63	466709	47.380	ug/L	98
20) cis-1,2-Dichloroethene	7.299	96	314	0.051	ug/L	88
22) 2-Butanone	7.171	43	131020	90.883	ug/L	98
23) Bromochloromethane	7.519	128	139229	48.197	ug/L	95
25) Chloroform	7.677	83	509555	47.263	ug/L	97
27) 1,2-Dichloroethane	8.403	62	326872	47.091	ug/L	97
29) Cyclohexane	7.958	56	438642	50.480	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	450025	47.797	ug/L	99
31) Carbon tetrachloride	8.073	117	421463	47.596	ug/L	97
33) Benzene	8.323	78	1119640	48.043	ug/L	100
34) Trichloroethene	9.092	95	309441	49.026	ug/L	96
35) Methylcyclohexane	9.335	83	528292	50.523	ug/L	98
37) 1,2-Dichloropropane	9.372	63	261720	47.669	ug/L	100
38) Bromodichloromethane	9.646	83	373674	48.082	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	441650	51.213	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	298187	95.832	ug/L	97
42) Toluene	10.390	91	1290015	49.826	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	390116	50.555	ug/L	99

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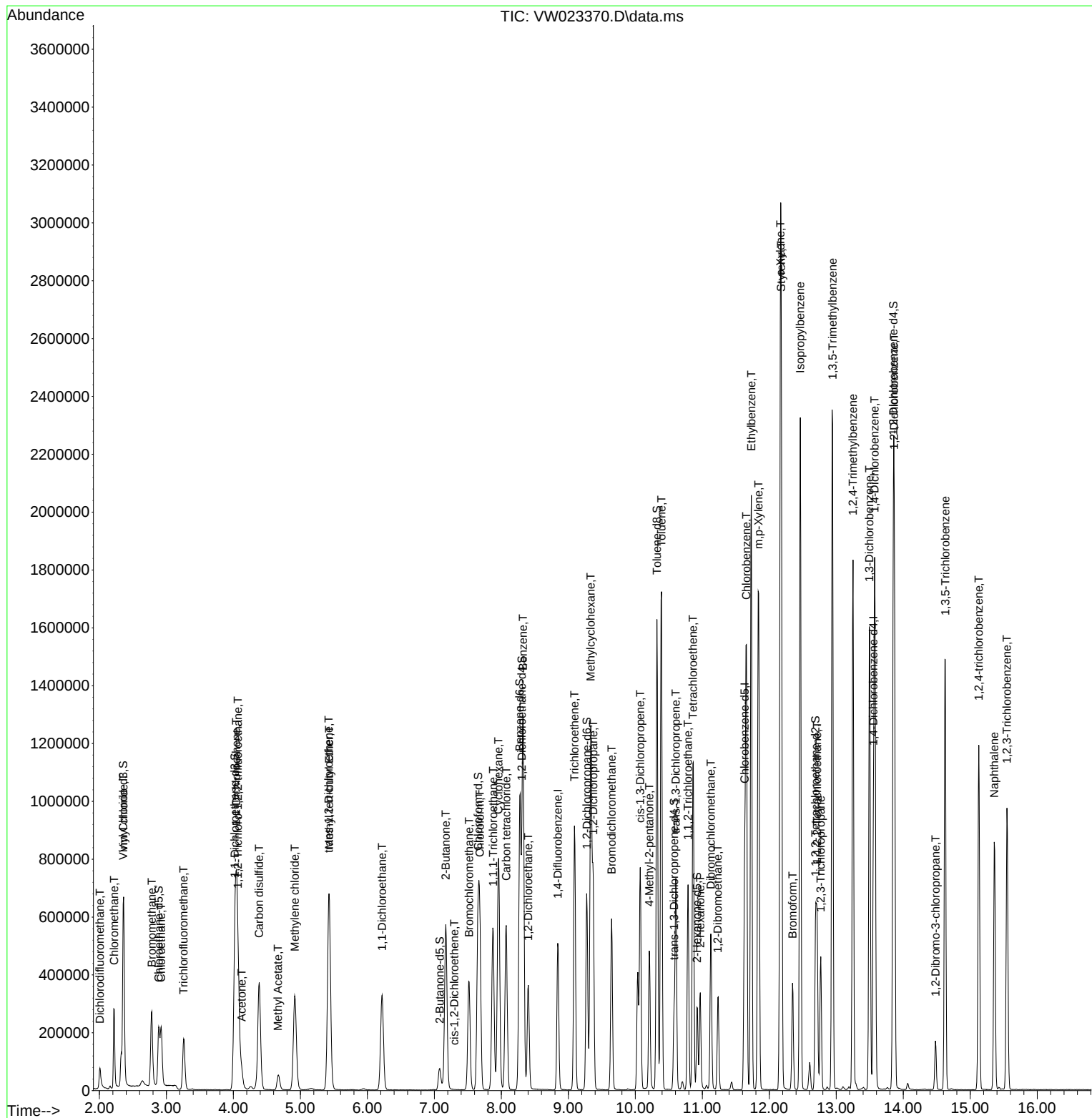
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	211853	47.129	ug/L	97
46) Tetrachloroethene	10.860	164	251746	49.812	ug/L	94
48) 2-Hexanone	10.969	43	205824	98.967	ug/L	100
49) Dibromochloromethane	11.128	129	275933	50.023	ug/L	94
50) 1,2-Dibromoethane	11.231	107	211350	48.230	ug/L	93
51) Chlorobenzene	11.658	112	842202	49.266	ug/L	98
52) Ethylbenzene	11.731	91	1452765	51.098	ug/L	99
53) m,p-Xylene	11.841	106	578712	51.401	ug/L	98
54) o-Xylene	12.164	106	563636	52.326	ug/L	91
55) Styrene	12.176	104	957576	52.163	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	254402	47.916	ug/L	94
59) Bromoform	12.347	173	160527	48.884	ug/L	98
60) Isopropylbenzene	12.463	105	1511809	49.277	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	180157	44.805	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	1273878	50.678	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	990907	50.777	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	682647	48.944	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	678931	47.618	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	619664	49.153	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	39386	43.976	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	470911	51.124	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	369089	50.431	ug/L	100
71) Naphthalene	15.359	128	727727	52.815	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	314057	49.577	ug/L	97

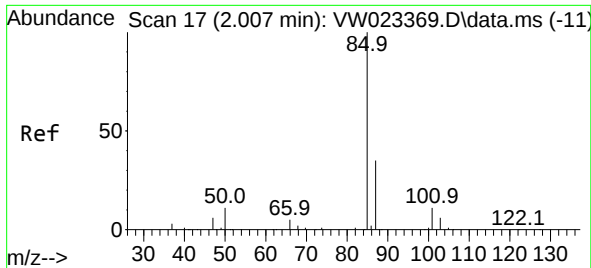
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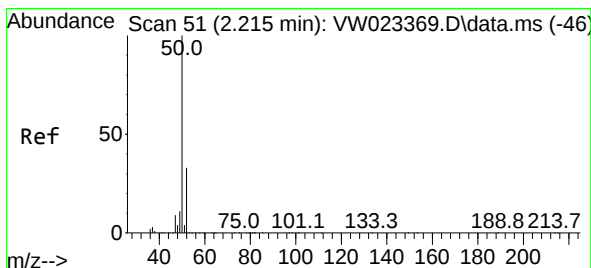
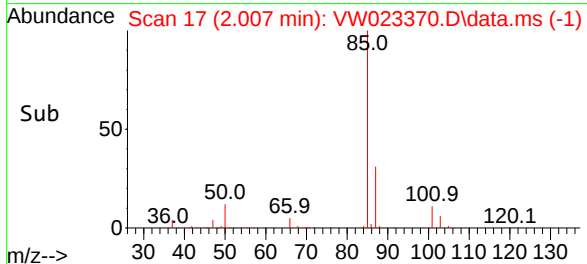
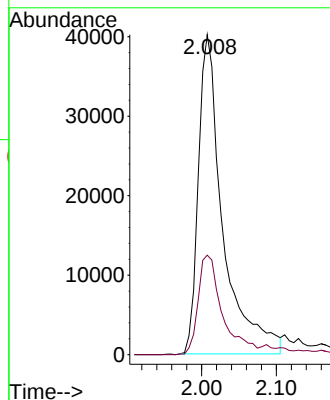
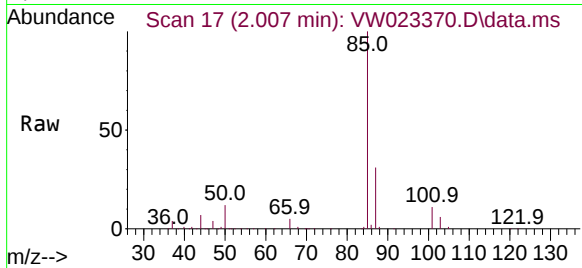




#2
 Dichlorodifluoromethane
 Concen: 51.260 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023370.D
 Acq: 02 Jun 2022 11:35

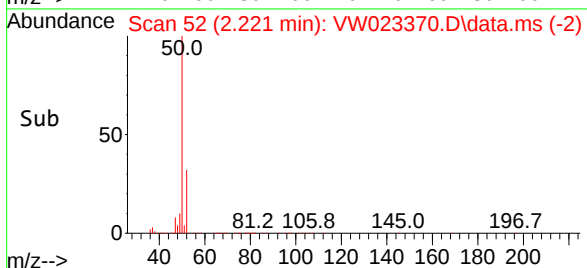
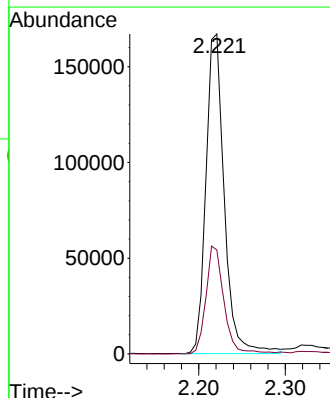
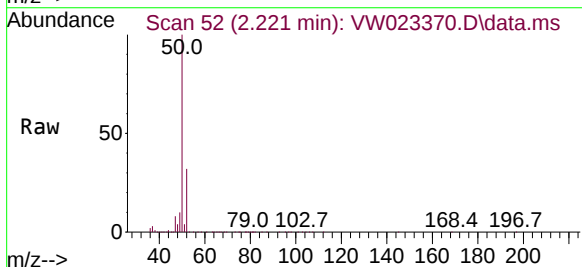
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050410

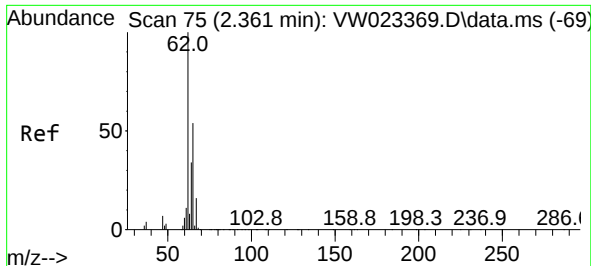
Tgt Ion: 85 Resp: 91504
 Ion Ratio Lower Upper
 85 100
 87 30.6 26.3 39.5



#3
 Chloromethane
 Concen: 45.719 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW023370.D
 Acq: 02 Jun 2022 11:35

Tgt Ion: 50 Resp: 245556
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.8 42.4

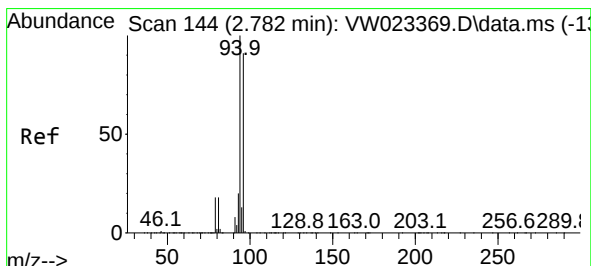
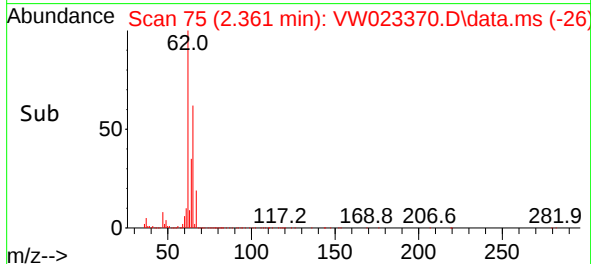
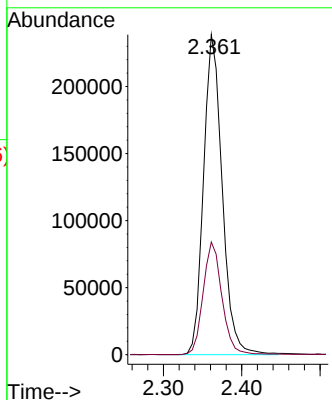
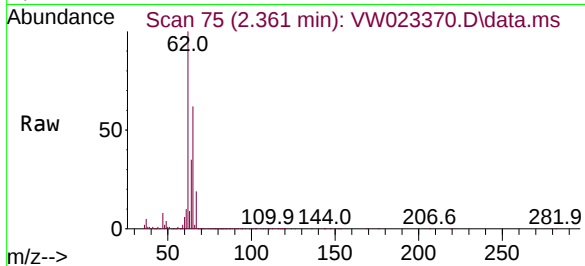




#5
 Vinyl chloride
 Concen: 47.212 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023370.D
 Acq: 02 Jun 2022 11:35

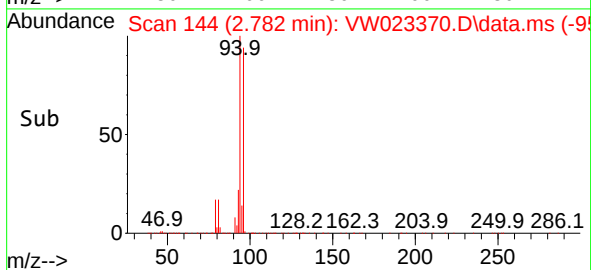
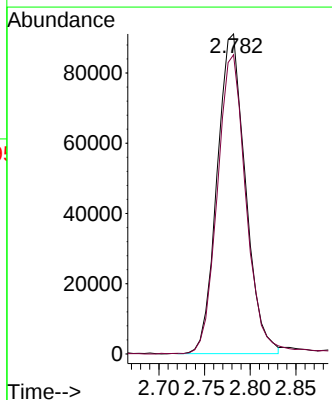
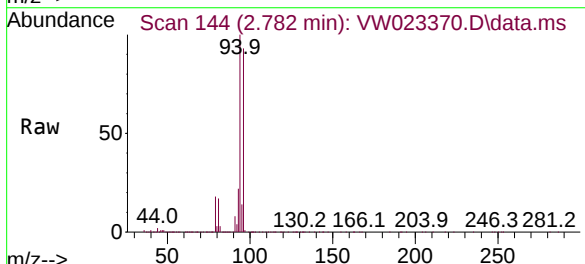
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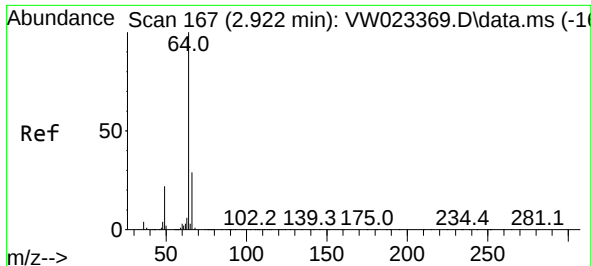
Tgt Ion: 62 Resp: 394720
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.9 44.3



#6
 Bromomethane
 Concen: 48.130 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW023370.D
 Acq: 02 Jun 2022 11:35

Tgt Ion: 94 Resp: 196434
 Ion Ratio Lower Upper
 94 100
 96 93.5 63.8 118.4

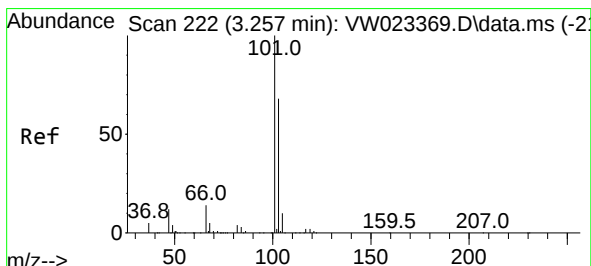
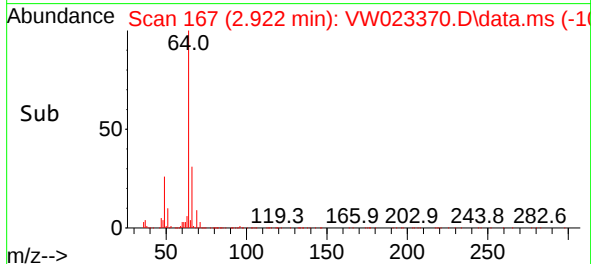
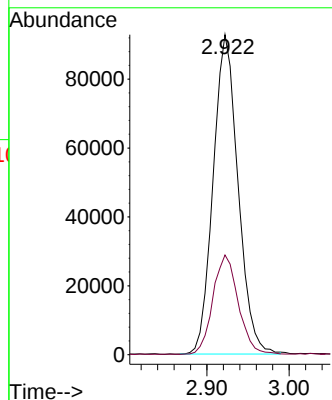
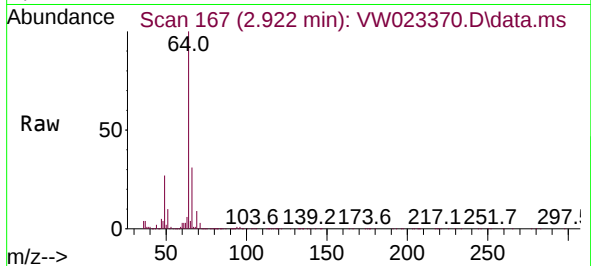




#8
Chloroethane
Concen: 50.971 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023370.D
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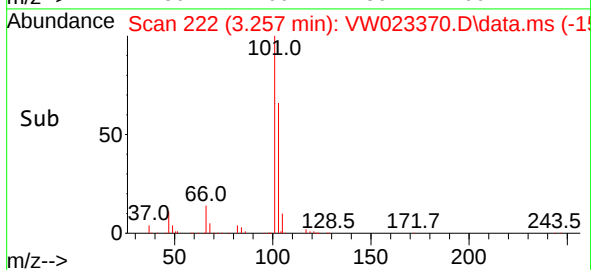
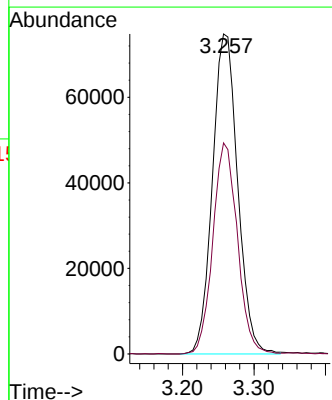
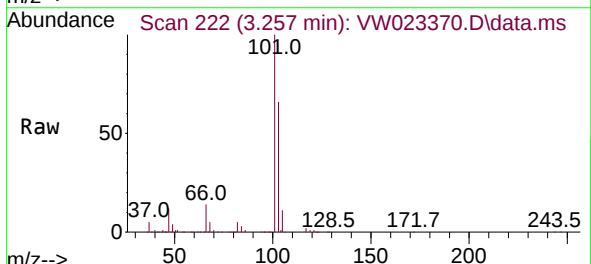
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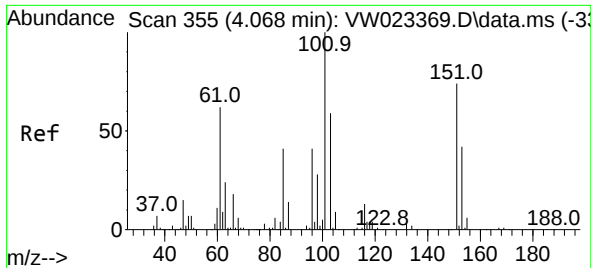
Tgt Ion: 64 Resp: 194818
Ion Ratio Lower Upper
64 100
66 31.2 20.6 38.4



#9
Trichlorofluoromethane
Concen: 46.450 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion: 101 Resp: 183445
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5

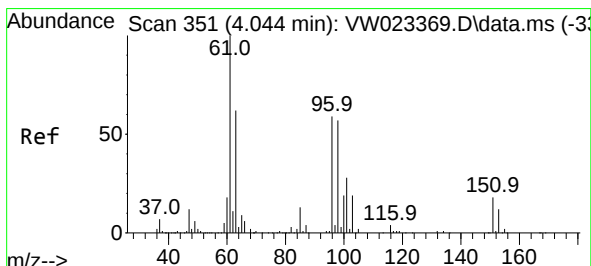
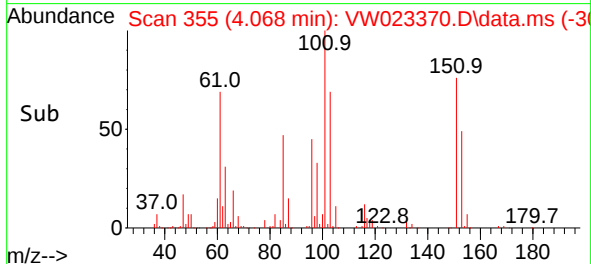
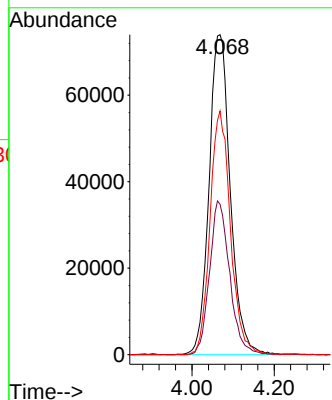
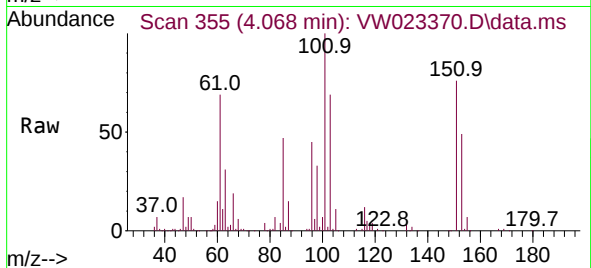




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.524 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW023370.D
 Acq: 02 Jun 2022 11:35

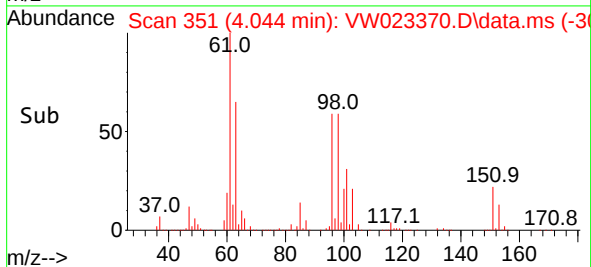
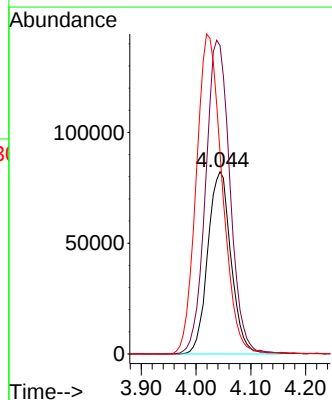
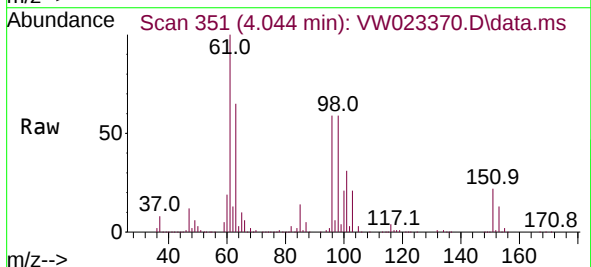
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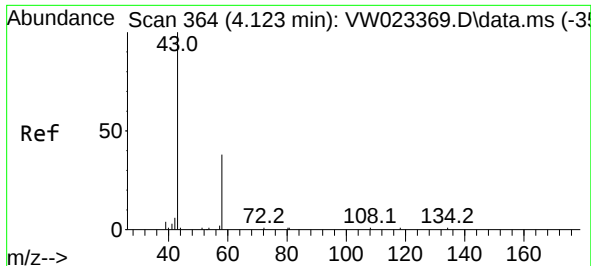
Tgt Ion:101 Resp: 266225
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.4 53.0
 151 73.2 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 48.539 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023370.D
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Tgt Ion: 96 Resp: 241943
 Ion Ratio Lower Upper
 96 100
 61 169.2 119.4 221.8
 63 110.3 74.7 138.7

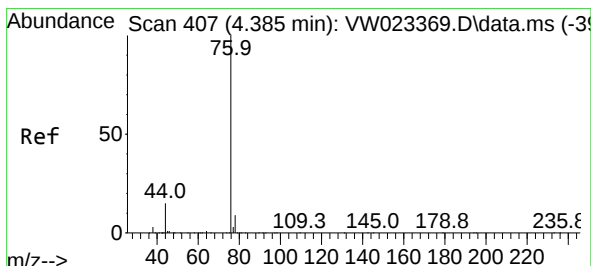
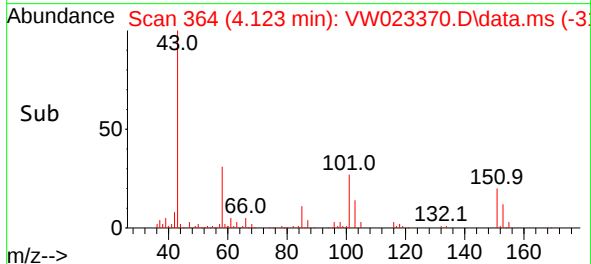
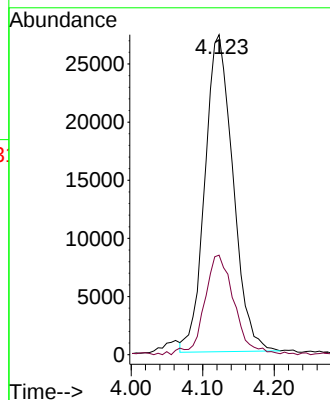
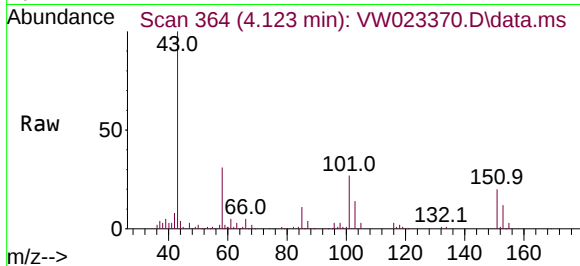




#13
Acetone
Concen: 77.079 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023370.D
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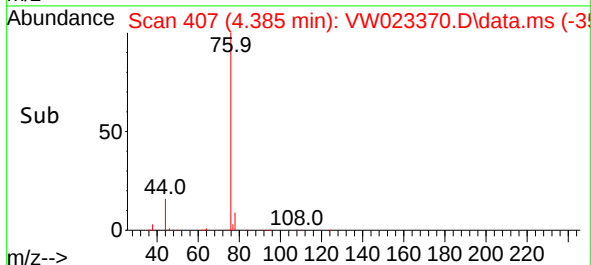
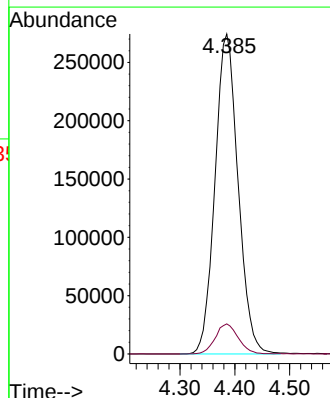
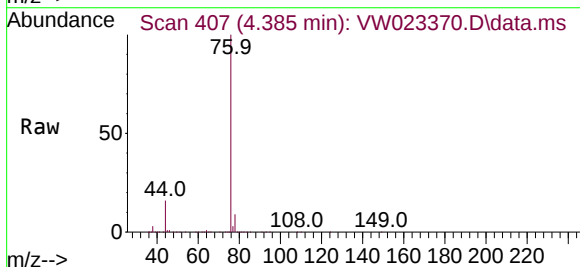
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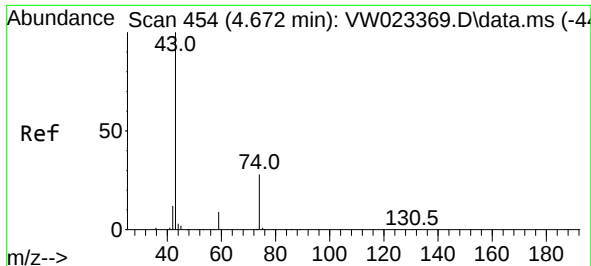
Tgt Ion: 43 Resp: 74411
Ion Ratio Lower Upper
43 100
58 28.7 0.0 63.0



#14
Carbon disulfide
Concen: 48.203 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 802550
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

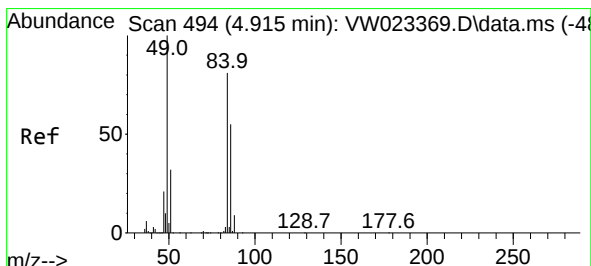
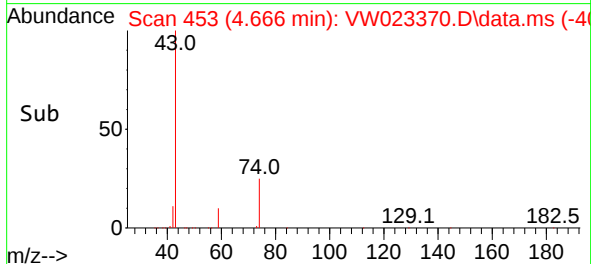
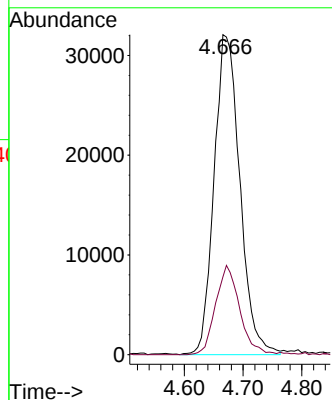
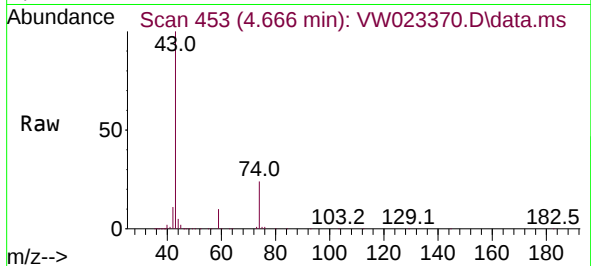




#15
Methyl Acetate
Concen: 45.888 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

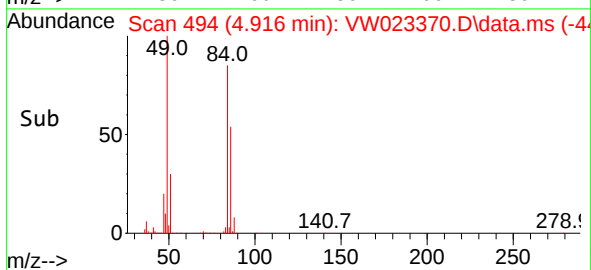
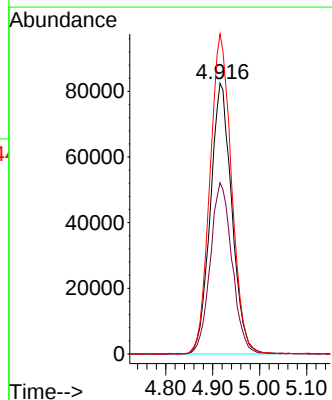
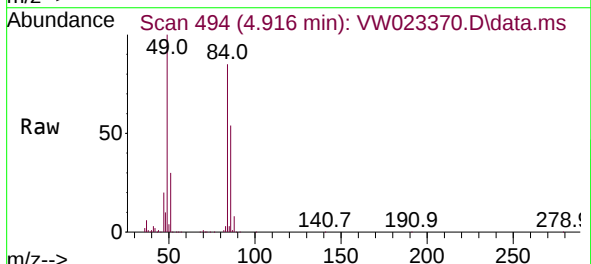
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

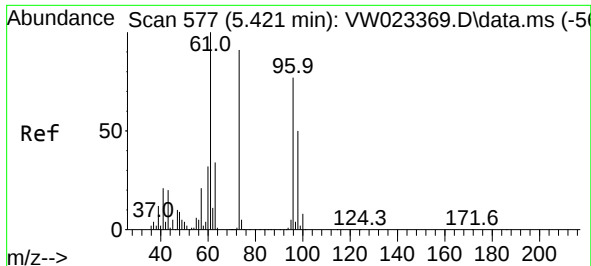
Tgt Ion: 43 Resp: 97803
Ion Ratio Lower Upper
43 100
74 25.8 20.2 30.2



#16
Methylene chloride
Concen: 42.058 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion: 84 Resp: 262030
Ion Ratio Lower Upper
84 100
86 63.3 47.3 87.9
49 118.3 86.8 161.2





#17

trans-1,2-Dichloroethene

Concen: 48.977 ug/L

RT: 5.422 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

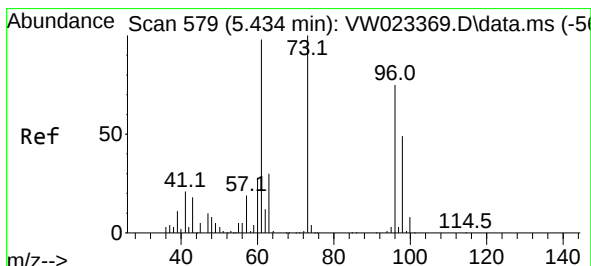
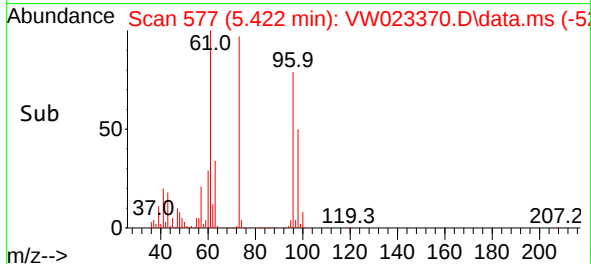
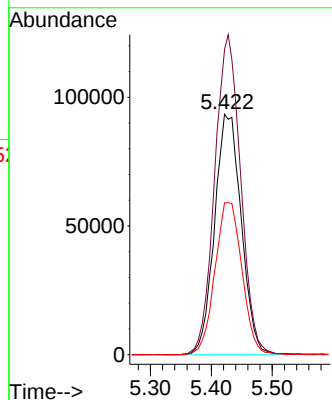
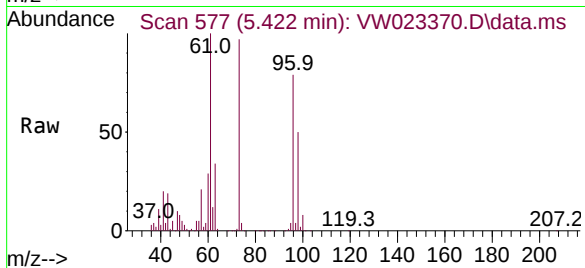
Tgt Ion: 96 Resp: 284807

Ion Ratio Lower Upper

96 100

61 126.8 91.6 170.0

98 63.2 46.1 85.7



#18

Methyl tert-butyl Ether

Concen: 48.356 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

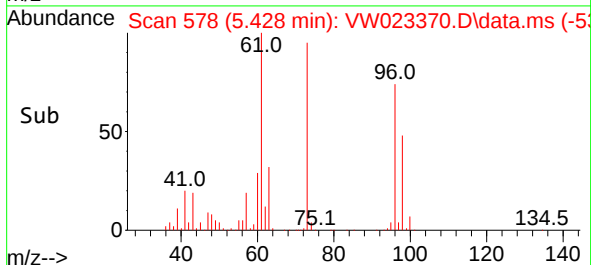
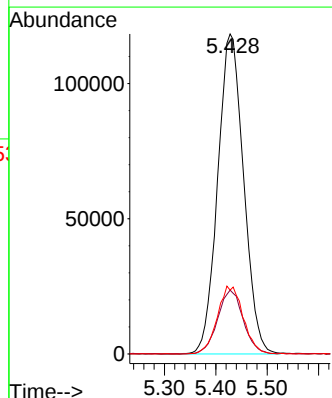
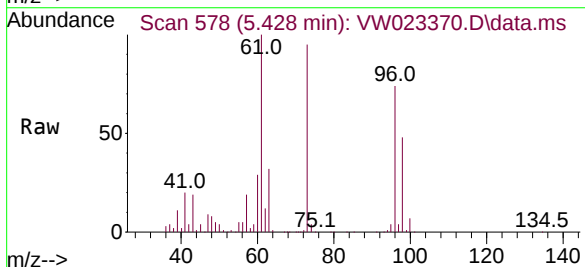
Tgt Ion: 73 Resp: 413958

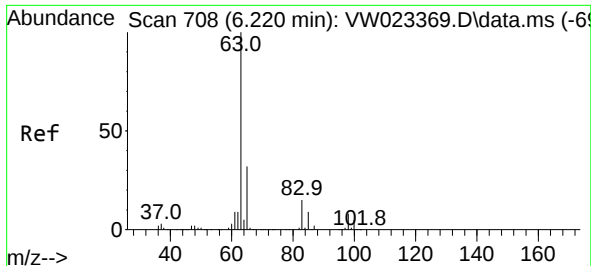
Ion Ratio Lower Upper

73 100

43 19.8 16.6 25.0

57 21.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 47.380 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

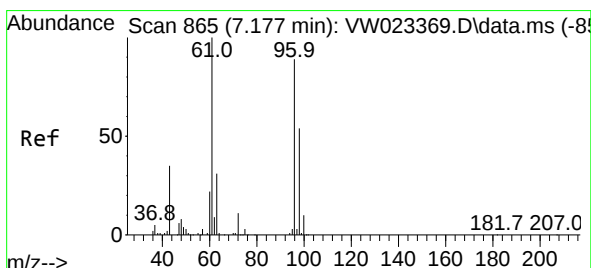
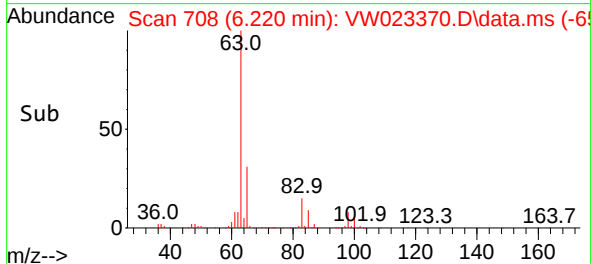
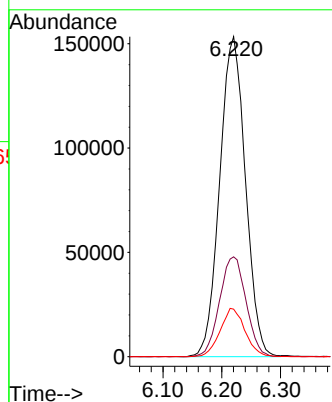
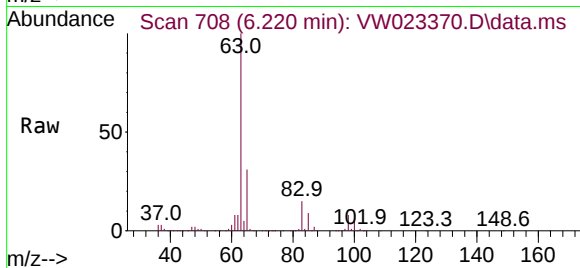
Tgt Ion: 63 Resp: 466709

Ion Ratio Lower Upper

63 100

65 31.2 22.7 42.1

83 14.9 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 0.051 ug/L

RT: 7.299 min Scan# 885

Delta R.T. 0.122 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

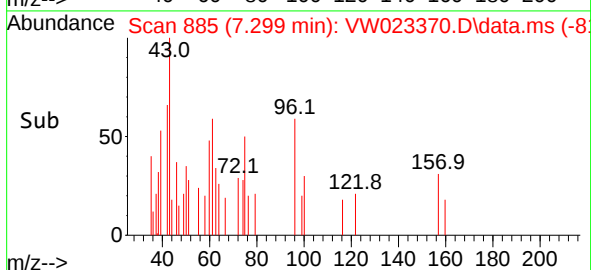
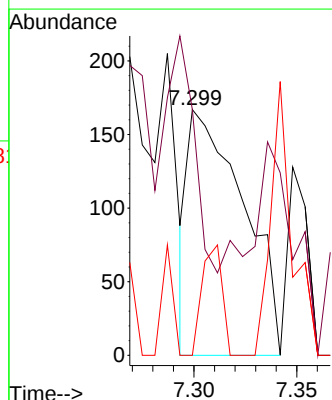
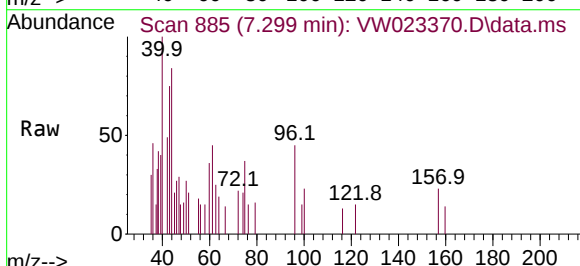
Tgt Ion: 96 Resp: 314

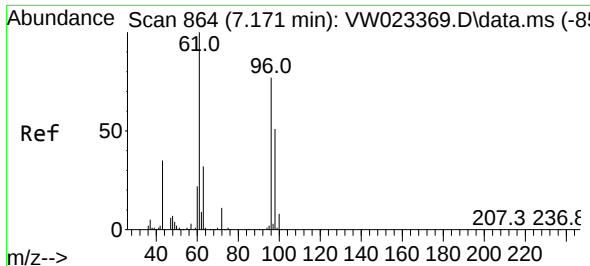
Ion Ratio Lower Upper

96 100

61 100.0 78.6 146.0

68 0.0 0.0 0.0

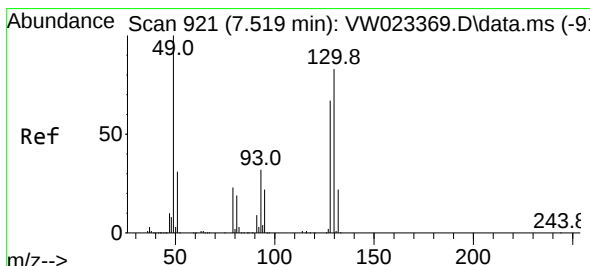
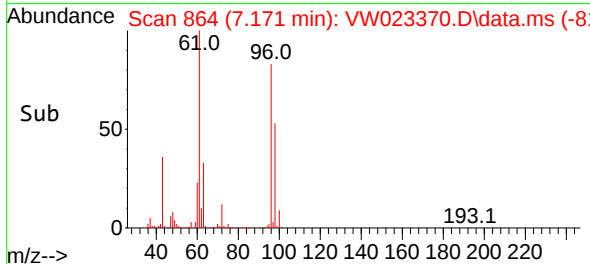
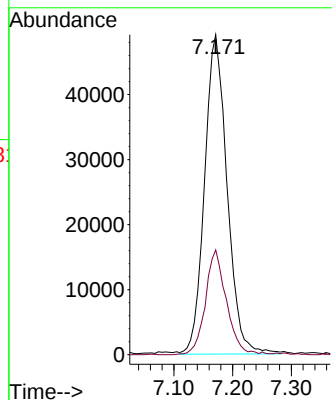
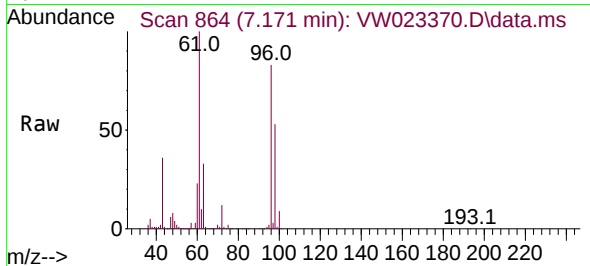




#22
2-Butanone
Concen: 90.883 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

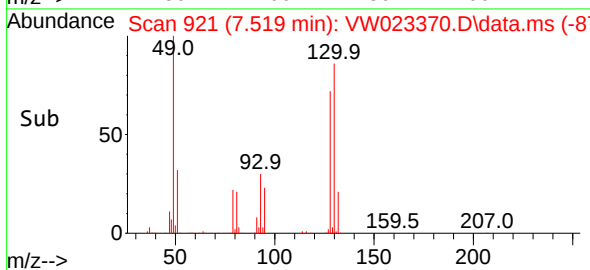
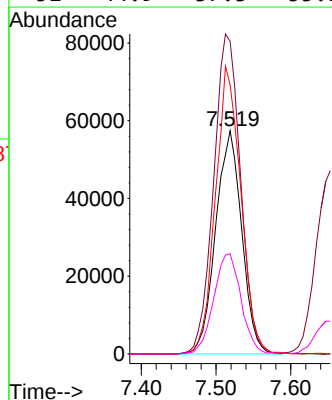
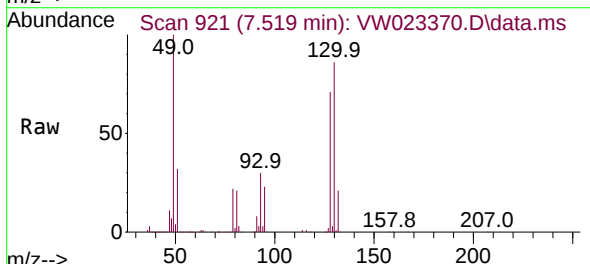
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

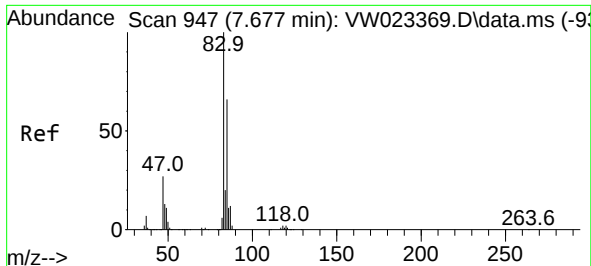
Tgt Ion: 43 Resp: 131020
Ion Ratio Lower Upper
43 100
72 30.1 15.7 47.0



#23
Bromochloromethane
Concen: 48.197 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion: 128 Resp: 139229
Ion Ratio Lower Upper
128 100
49 140.1 105.1 195.3
130 120.6 86.9 161.5
51 44.9 37.3 55.9

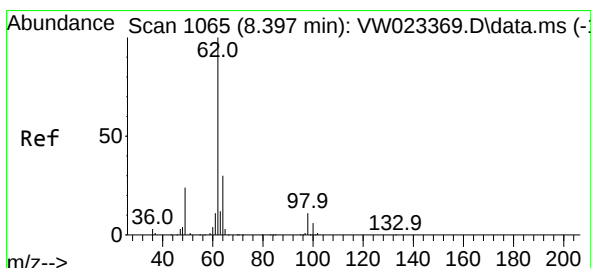
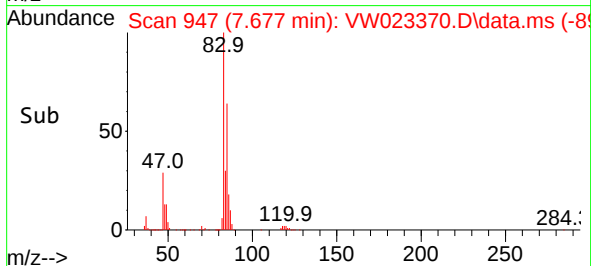
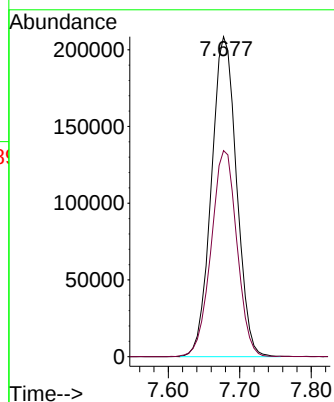
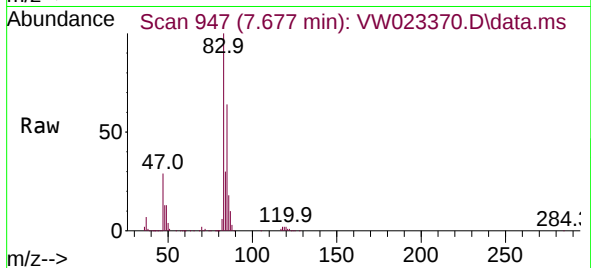




#25
Chloroform
Concen: 47.263 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

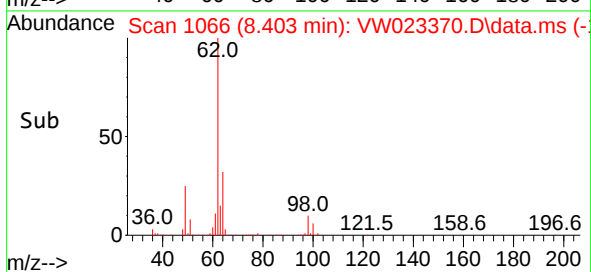
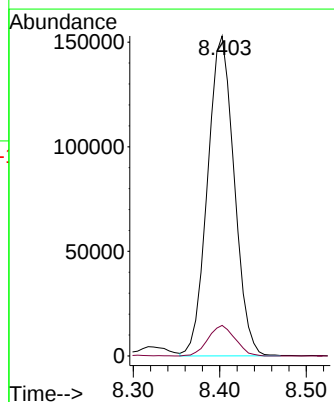
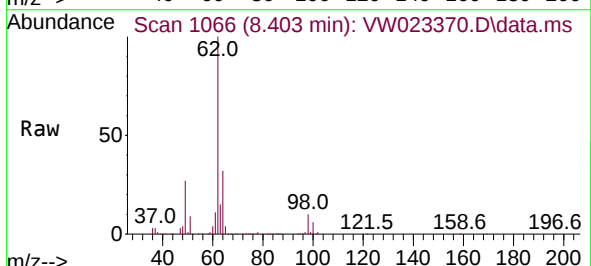
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

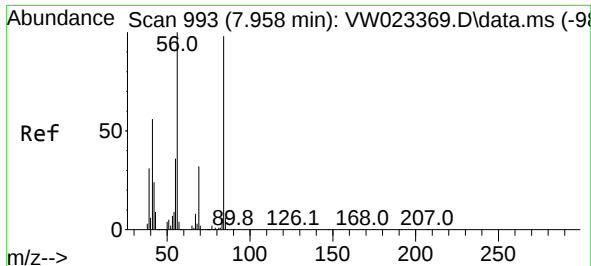
Tgt Ion: 83 Resp: 509555
Ion Ratio Lower Upper
83 100
85 64.4 46.7 86.7



#27
1,2-Dichloroethane
Concen: 47.091 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion: 62 Resp: 326872
Ion Ratio Lower Upper
62 100
98 9.5 8.5 12.7





#29

Cyclohexane

Concen: 50.480 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

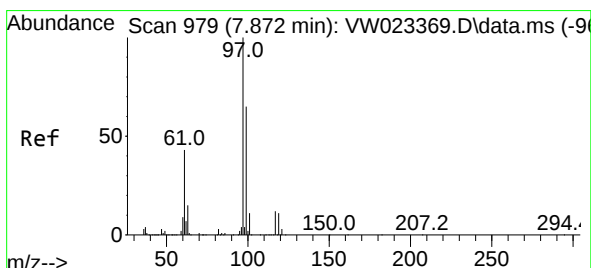
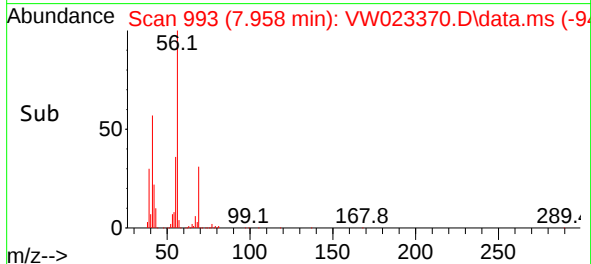
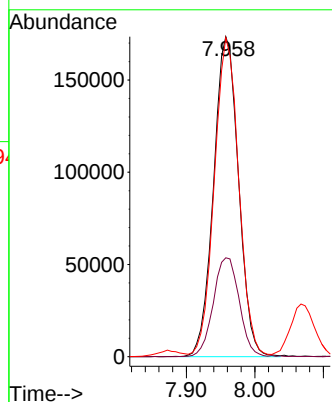
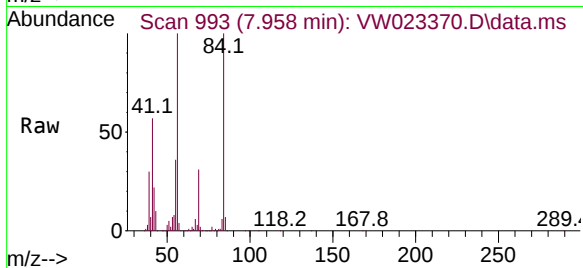
MSVOA_W

ClientSampleId :

VSTD050410

Tgt Ion: 56 Resp: 438642

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.2	37.8
84	97.7	78.3	117.5



#30

1,1,1-Trichloroethane

Concen: 47.797 ug/L

RT: 7.878 min Scan# 980

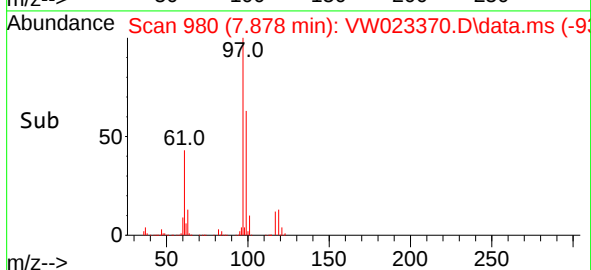
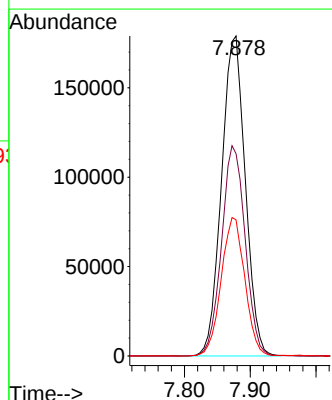
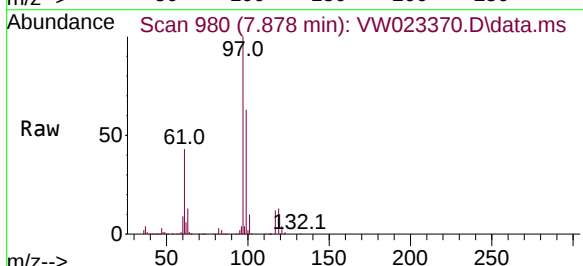
Delta R.T. 0.006 min

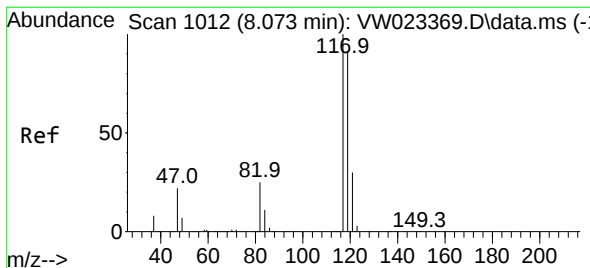
Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Tgt Ion: 97 Resp: 450025

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.4	77.2
61	43.1	34.7	52.1





#31

Carbon tetrachloride

Concen: 47.596 ug/L

RT: 8.073 min Scan# 1012

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

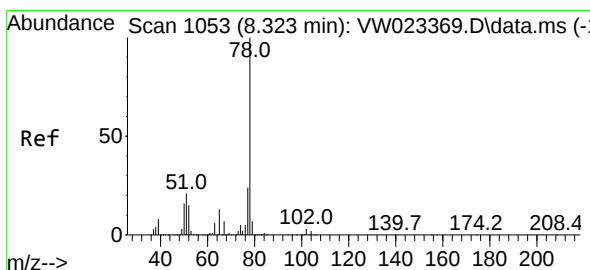
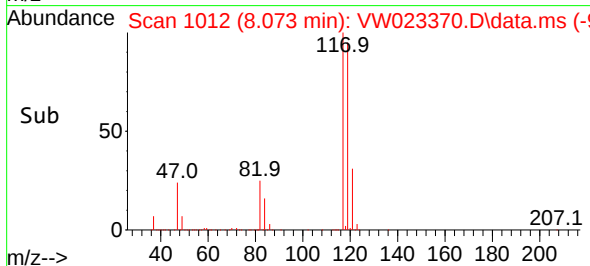
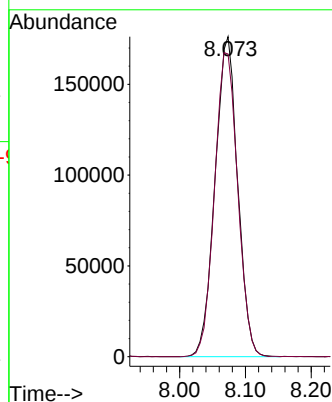
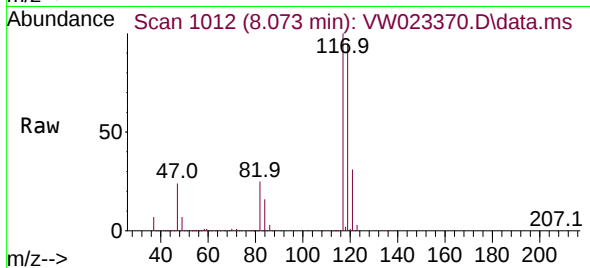
VSTD050410

Tgt Ion:117 Resp: 421463

Ion Ratio Lower Upper

117 100

119 97.6 75.6 113.4



#33

Benzene

Concen: 48.043 ug/L

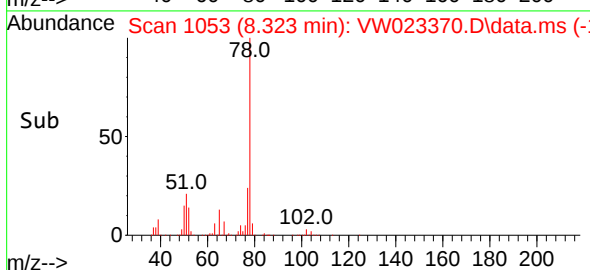
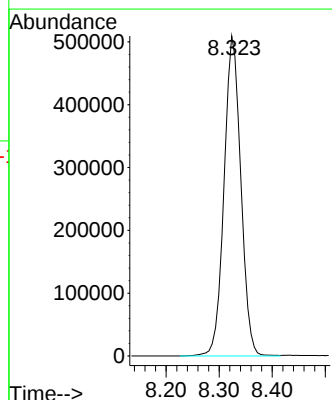
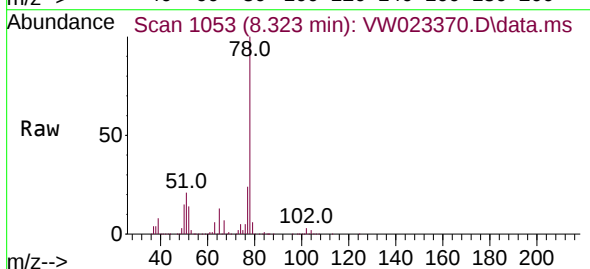
RT: 8.323 min Scan# 1053

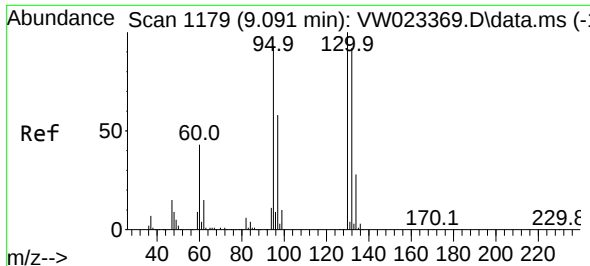
Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Tgt Ion: 78 Resp: 1119640





#34

Trichloroethene

Concen: 49.026 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

Tgt Ion: 95 Resp: 309441

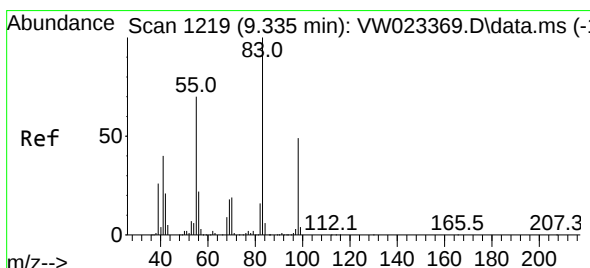
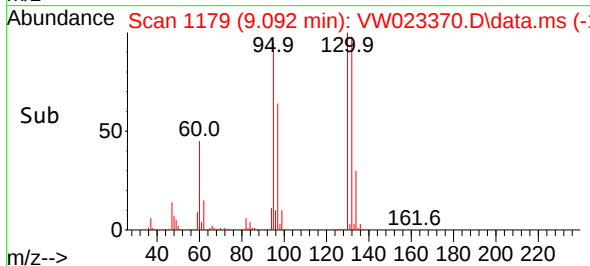
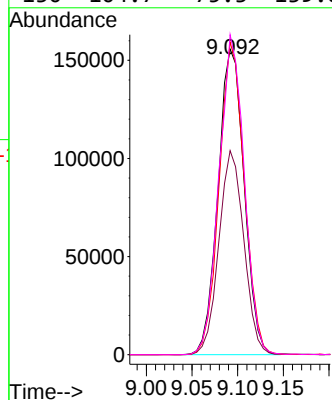
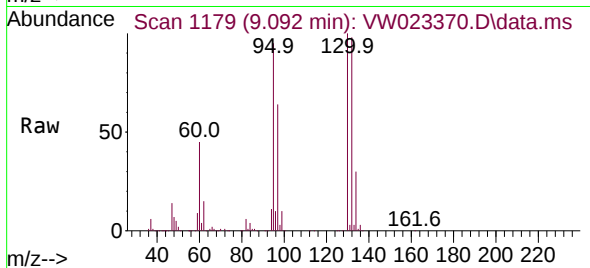
Ion Ratio Lower Upper

95 100

97 66.8 43.8 81.3

132 102.3 68.9 127.9

130 104.7 75.3 139.8



#35

Methylcyclohexane

Concen: 50.523 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

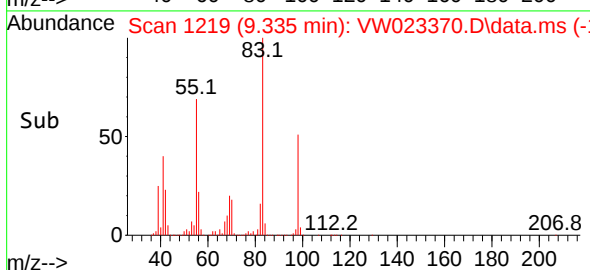
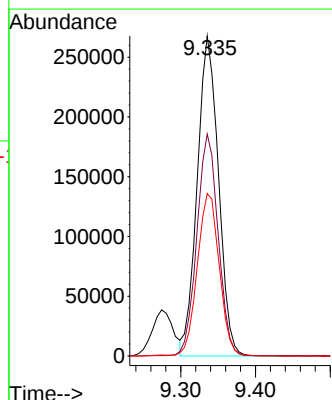
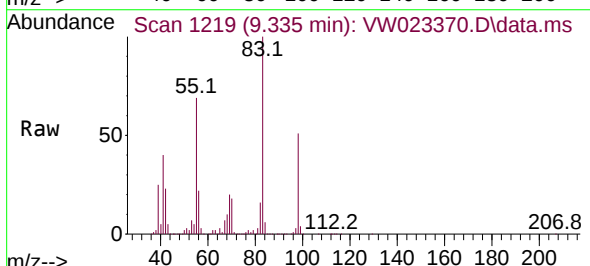
Tgt Ion: 83 Resp: 528292

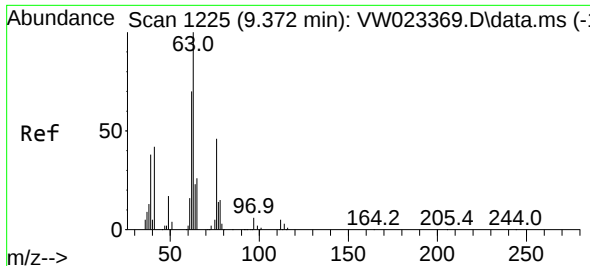
Ion Ratio Lower Upper

83 100

55 69.5 56.5 84.7

98 52.3 39.7 59.5





#37

1,2-Dichloropropane

Concen: 47.669 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

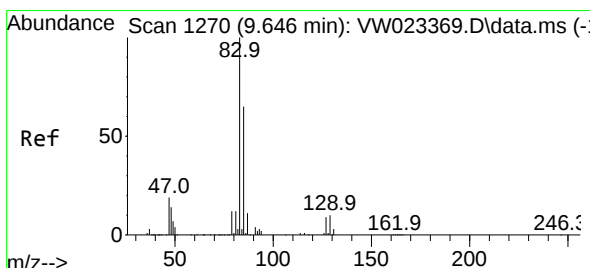
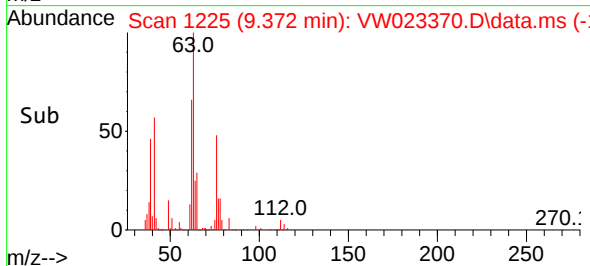
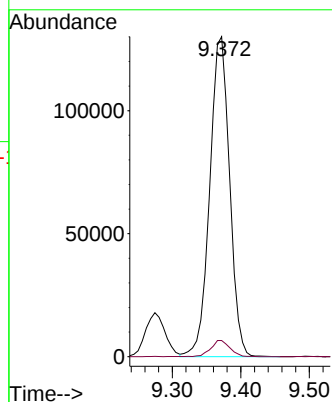
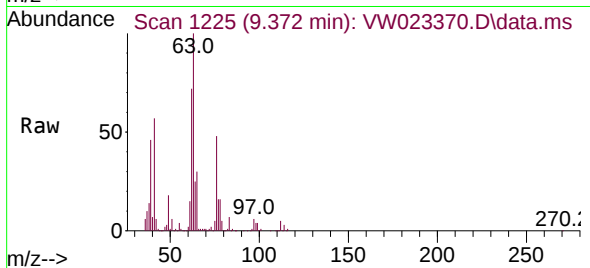
VSTD050410

Tgt Ion: 63 Resp: 261720

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 48.082 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

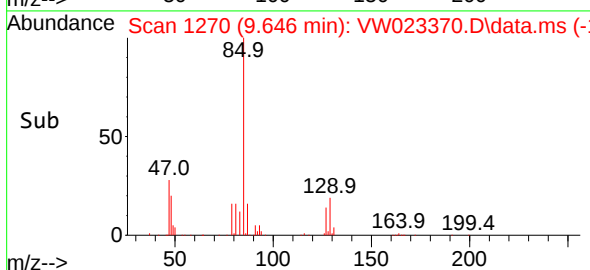
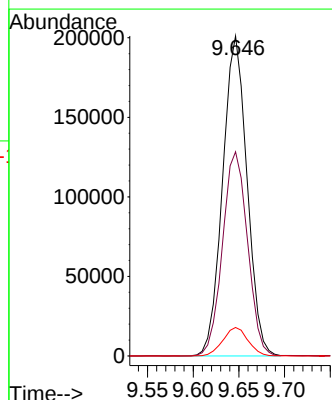
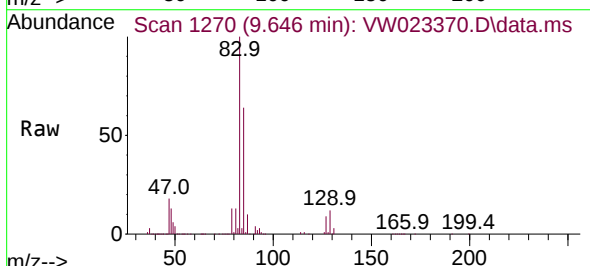
Tgt Ion: 83 Resp: 373674

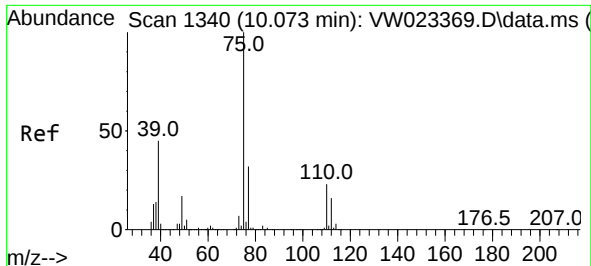
Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.0

127 8.9 7.4 11.0

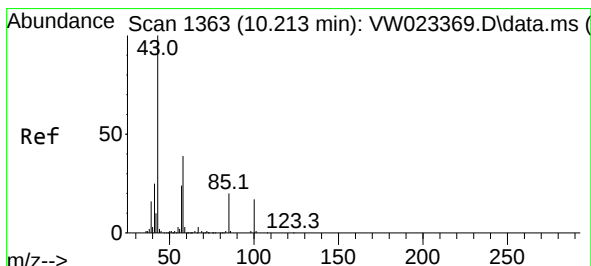
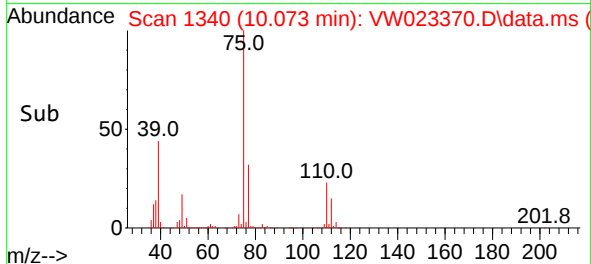
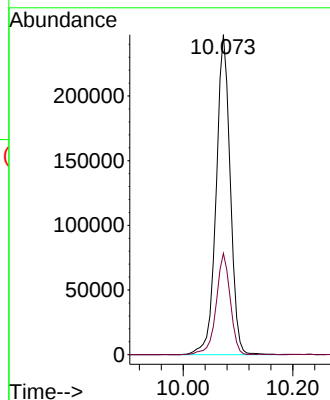
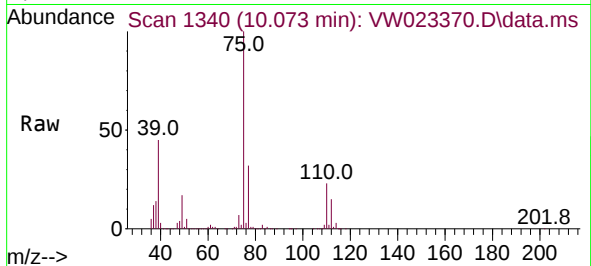




#39
 cis-1,3-Dichloropropene
 Concen: 51.213 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023370.D
 Acq: 02 Jun 2022 11:35

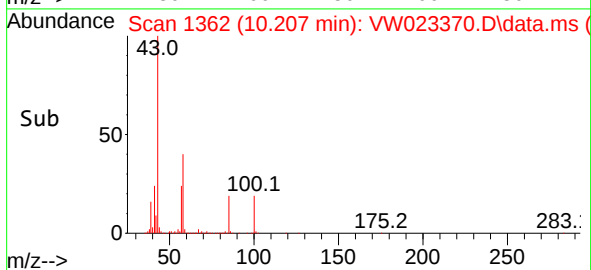
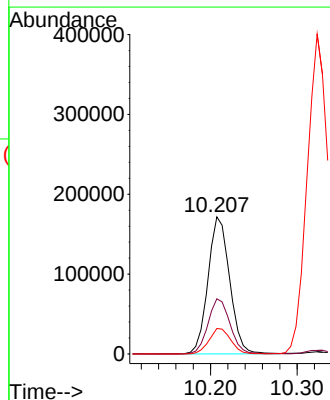
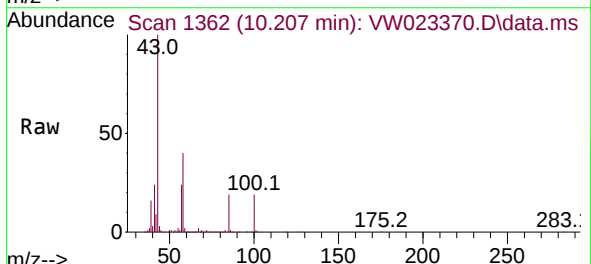
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050410

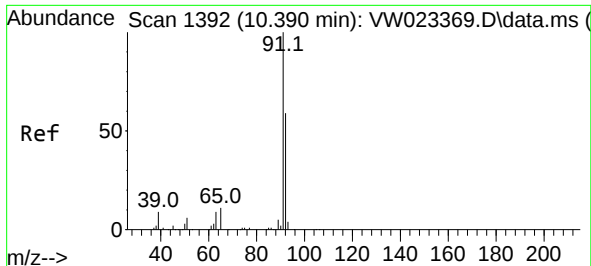
Tgt Ion: 75 Resp: 441650
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 95.832 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW023370.D
 Acq: 02 Jun 2022 11:35

Tgt Ion: 43 Resp: 298187
 Ion Ratio Lower Upper
 43 100
 58 41.1 31.5 47.3
 100 18.7 13.7 20.5

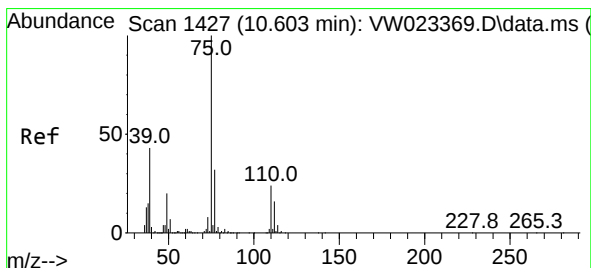
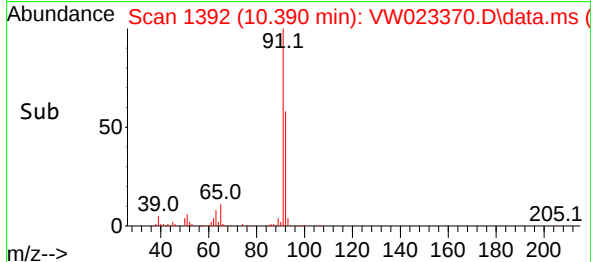
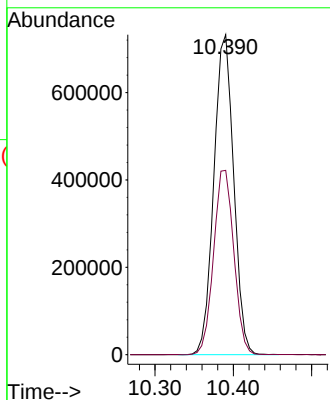
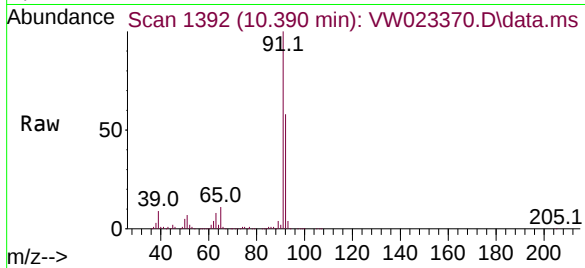




#42
Toluene
Concen: 49.826 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

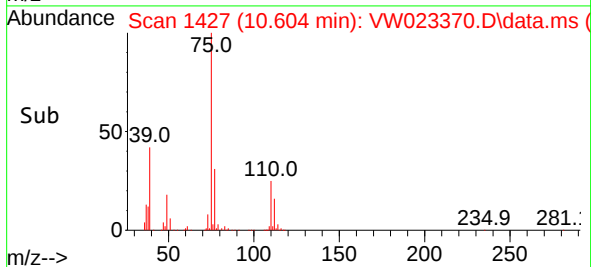
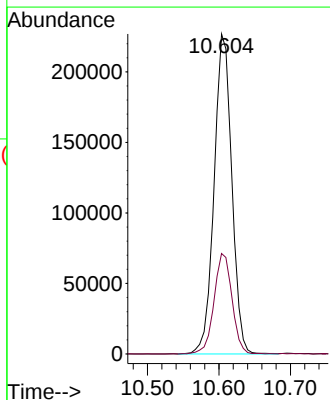
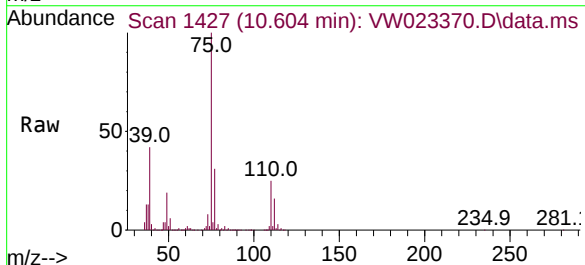
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

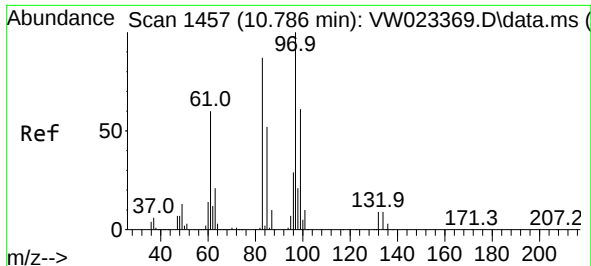
Tgt Ion: 91 Resp: 1290015
Ion Ratio Lower Upper
91 100
92 57.6 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 50.555 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion: 75 Resp: 390116
Ion Ratio Lower Upper
75 100
77 31.4 22.2 41.2

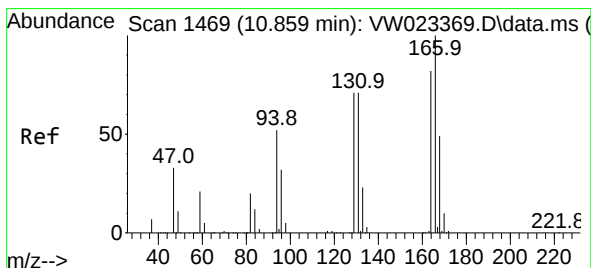
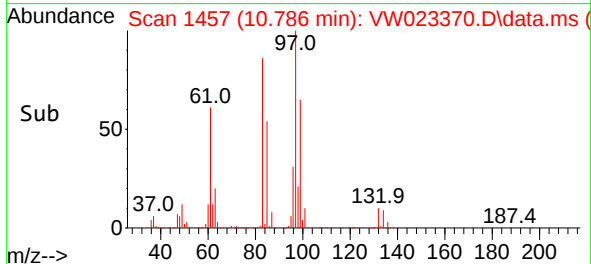
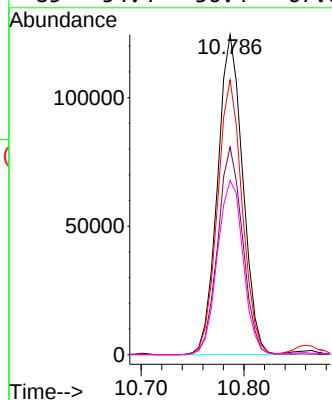
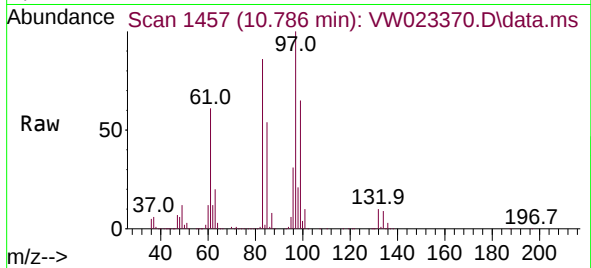




#45
1,1,2-Trichloroethane
Concen: 47.129 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

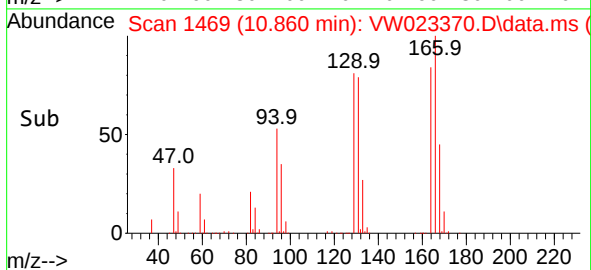
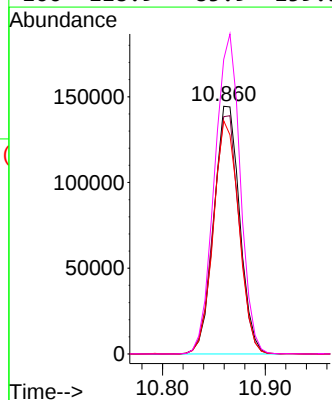
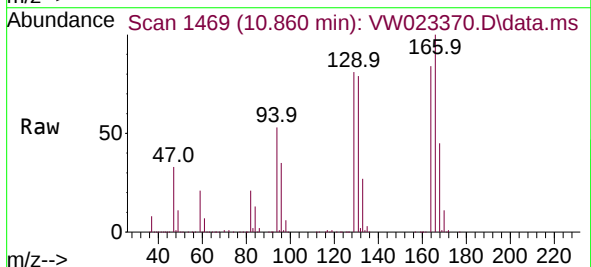
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

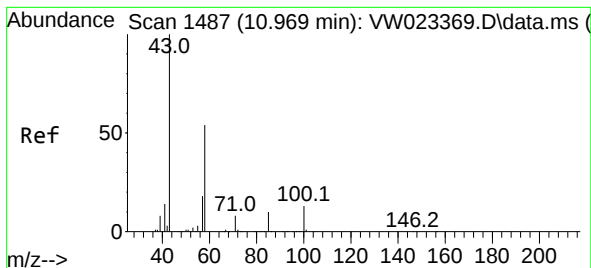
Tgt Ion:	97	Resp:	211853
Ion	Ratio	Lower	Upper
97	100		
99	64.9	42.6	79.0
83	85.9	61.2	113.8
85	54.4	36.4	67.6



#46
Tetrachloroethene
Concen: 49.812 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion:	164	Resp:	251746
Ion	Ratio	Lower	Upper
164	100		
129	95.8	61.4	114.0
131	94.2	61.0	113.4
166	118.9	85.9	159.5





#48

2-Hexanone

Concen: 98.967 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

Tgt Ion: 43 Resp: 205824

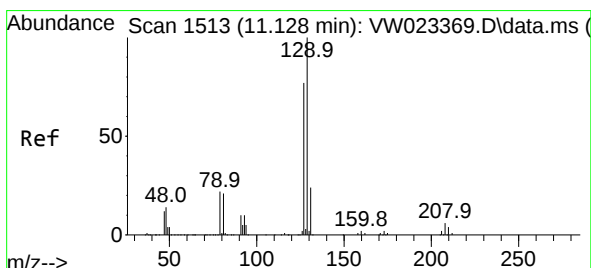
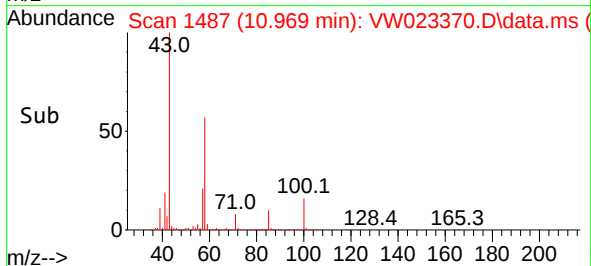
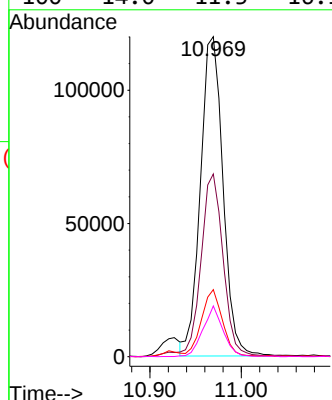
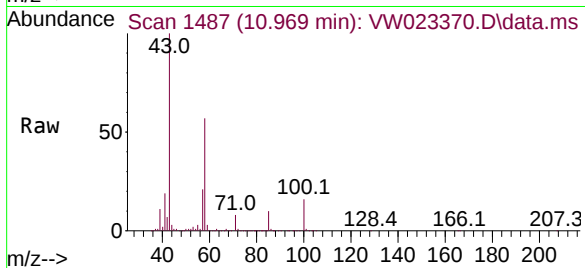
Ion Ratio Lower Upper

43 100

58 55.8 44.4 66.6

57 19.6 15.6 23.4

100 14.0 11.3 16.9



#49

Dibromochloromethane

Concen: 50.023 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023370.D

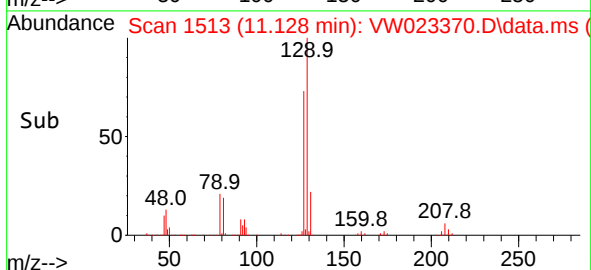
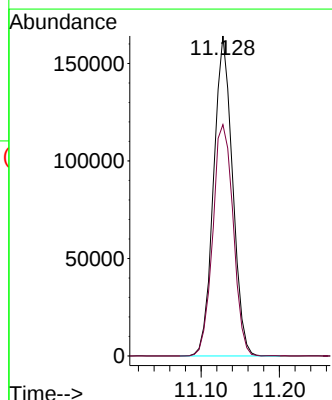
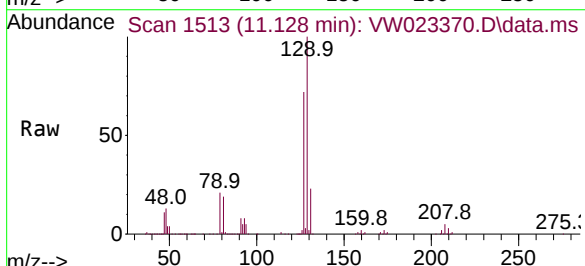
Acq: 02 Jun 2022 11:35

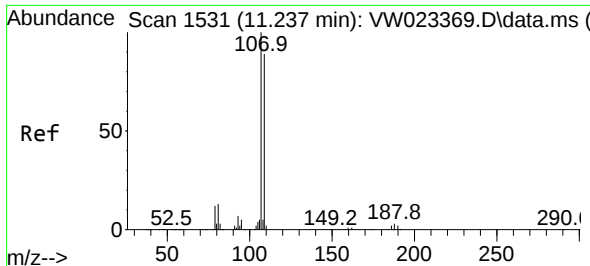
Tgt Ion: 129 Resp: 275933

Ion Ratio Lower Upper

129 100

127 72.3 54.2 100.6





#50

1,2-Dibromoethane

Concen: 48.230 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

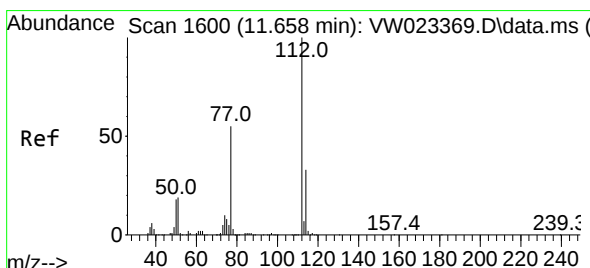
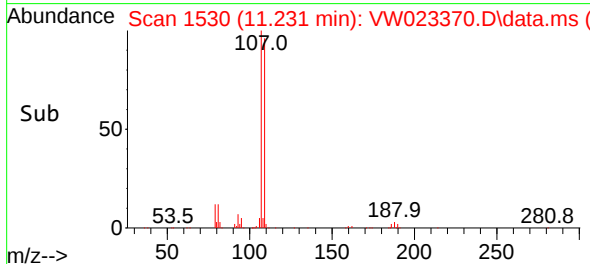
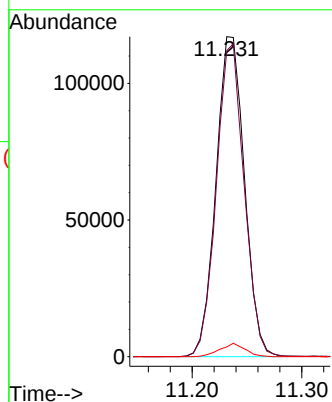
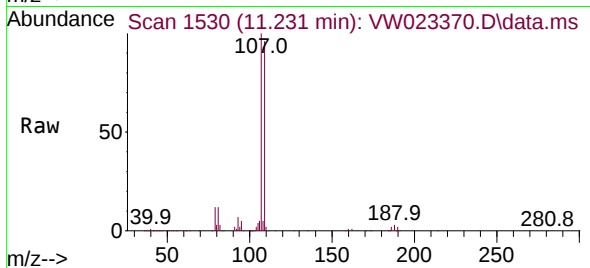
Tgt Ion:107 Resp: 211350

Ion Ratio Lower Upper

107 100

109 95.6 62.4 116.0

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 49.266 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

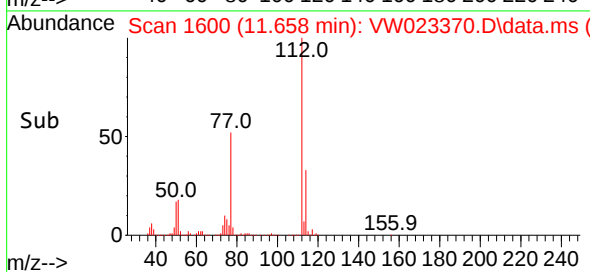
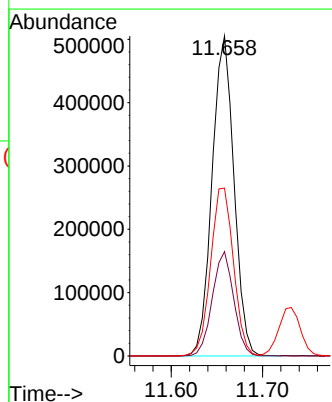
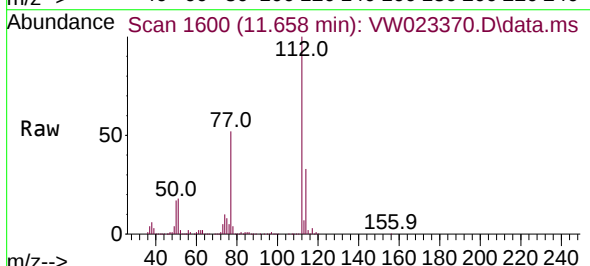
Tgt Ion:112 Resp: 842202

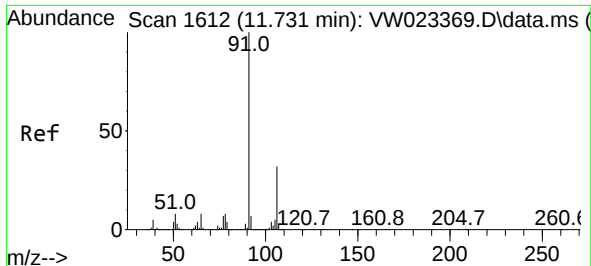
Ion Ratio Lower Upper

112 100

114 32.6 23.2 43.2

77 52.5 43.8 65.6

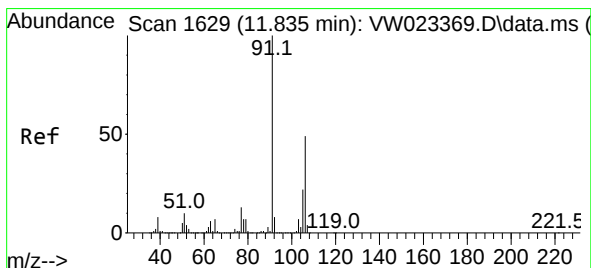
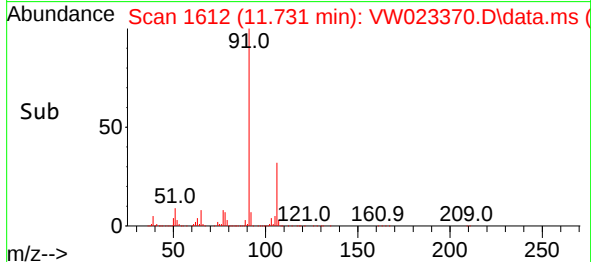
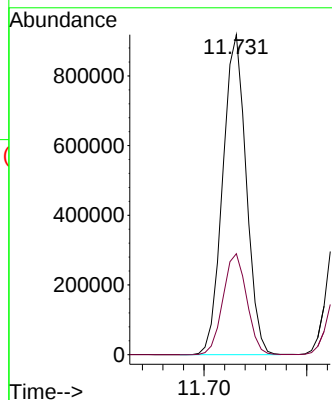
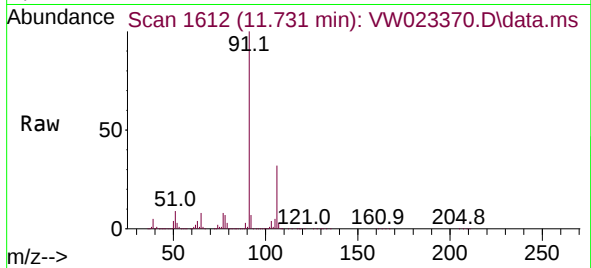




#52
Ethylbenzene
Concen: 51.098 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

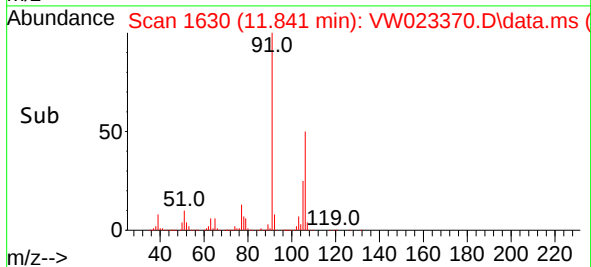
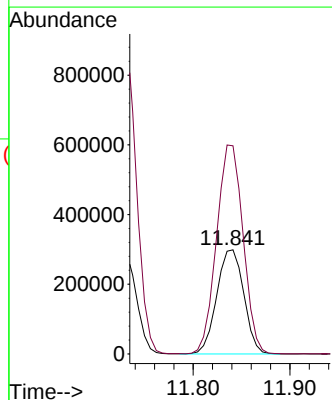
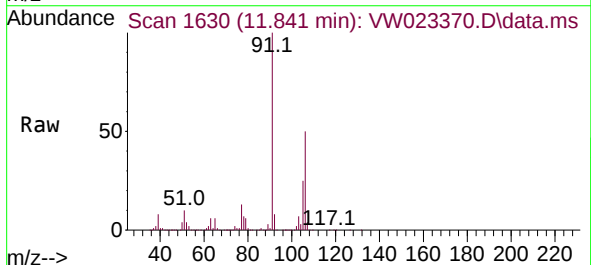
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

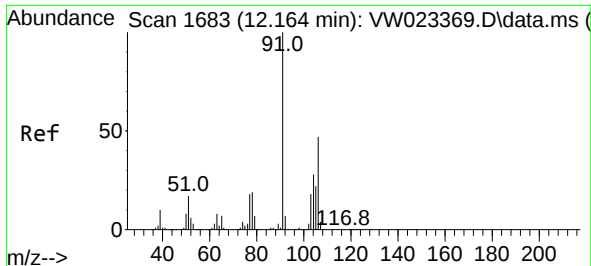
Tgt Ion: 91 Resp: 1452765
Ion Ratio Lower Upper
91 100
106 31.5 22.4 41.6



#53
m,p-Xylene
Concen: 51.401 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion: 106 Resp: 578712
Ion Ratio Lower Upper
106 100
91 199.7 141.7 263.1

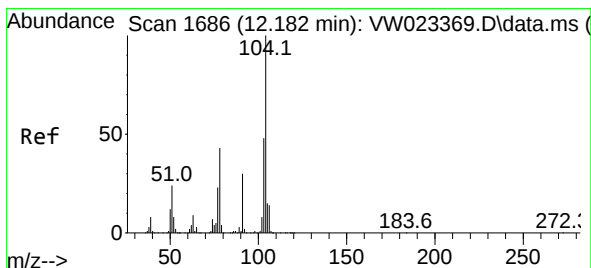
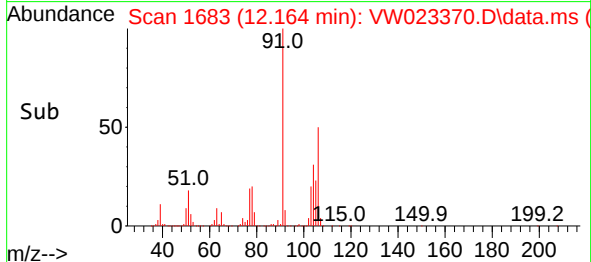
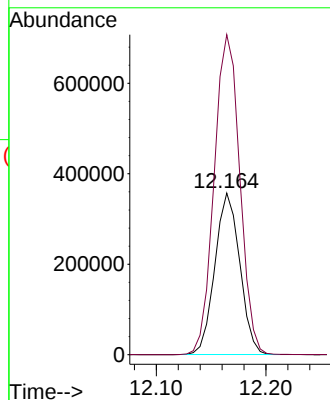
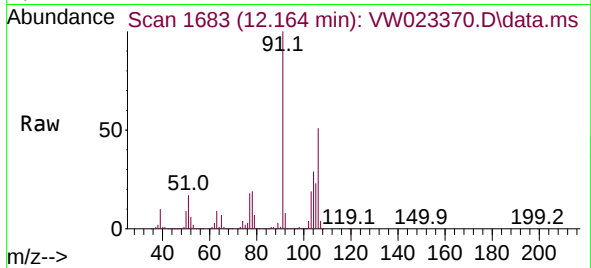




#54
o-Xylene
Concen: 52.326 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

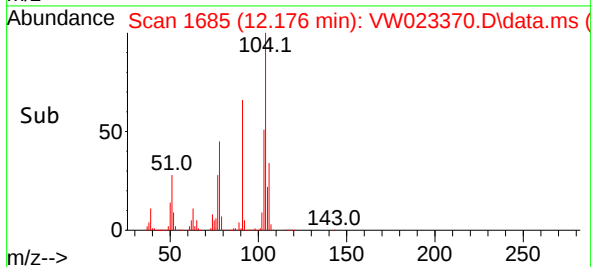
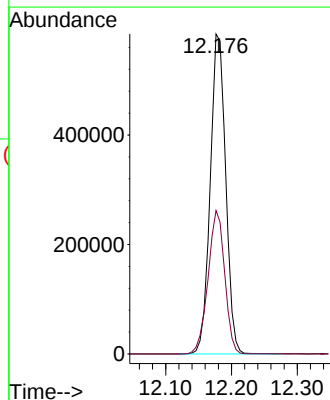
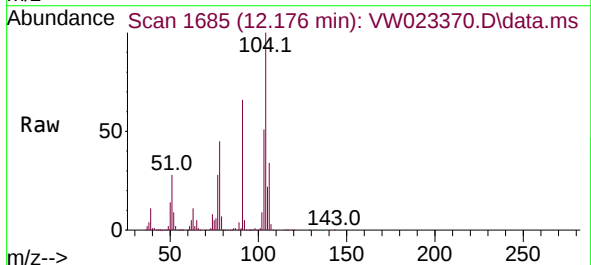
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

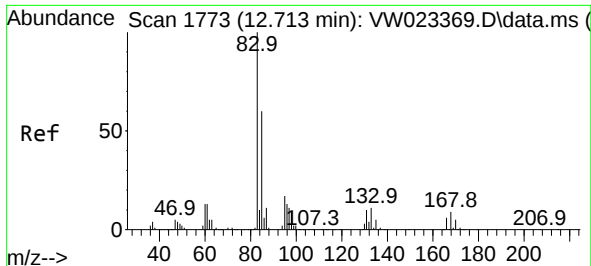
Tgt Ion:106 Resp: 563636
Ion Ratio Lower Upper
106 100
91 198.0 148.0 274.8



#55
Styrene
Concen: 52.163 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion:104 Resp: 957576
Ion Ratio Lower Upper
104 100
78 44.8 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 47.916 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

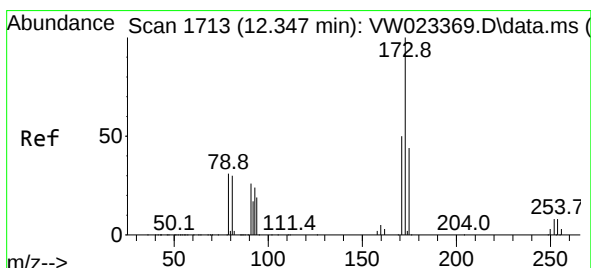
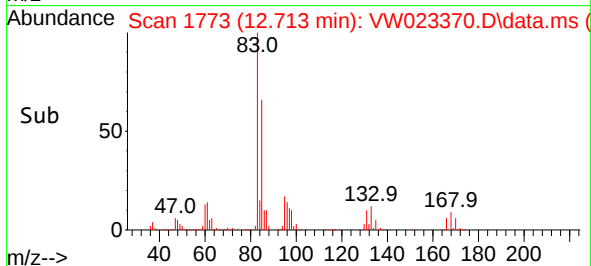
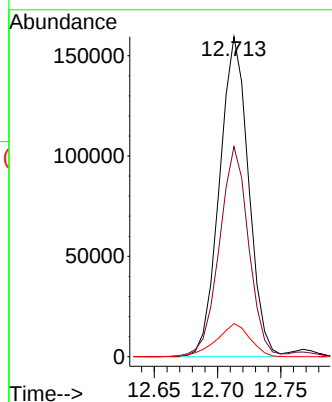
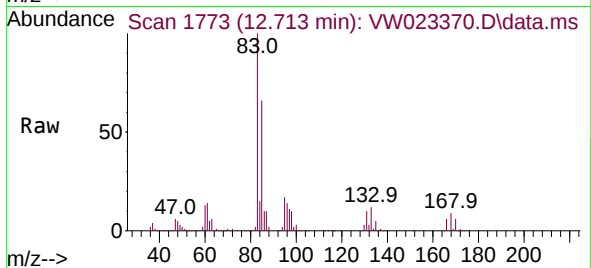
Tgt Ion: 83 Resp: 254402

Ion Ratio Lower Upper

83 100

85 65.7 42.4 78.8

131 10.4 7.8 11.6



#59

Bromoform

Concen: 48.884 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

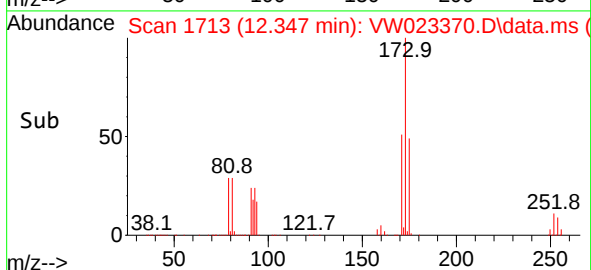
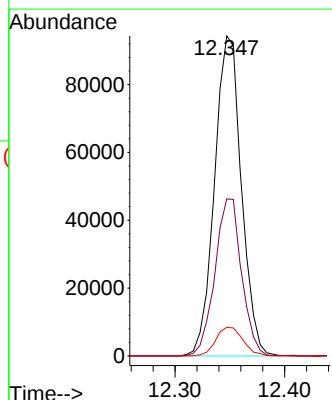
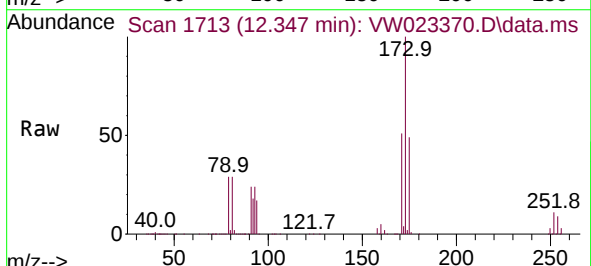
Tgt Ion: 173 Resp: 160527

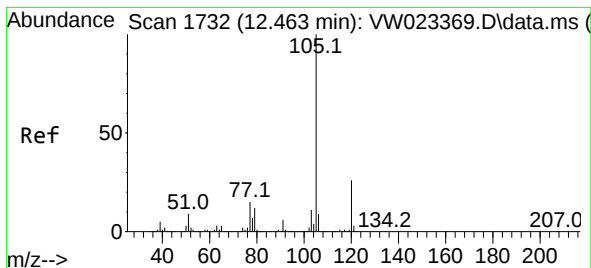
Ion Ratio Lower Upper

173 100

175 48.8 37.9 56.9

254 9.1 7.1 10.7





#60

Isopropylbenzene

Concen: 49.277 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

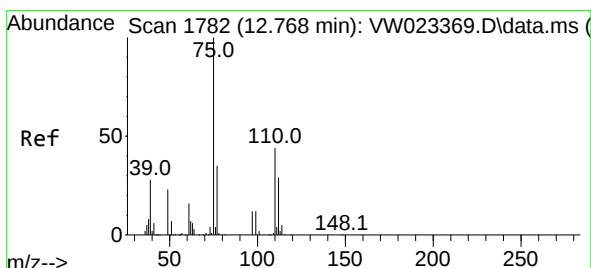
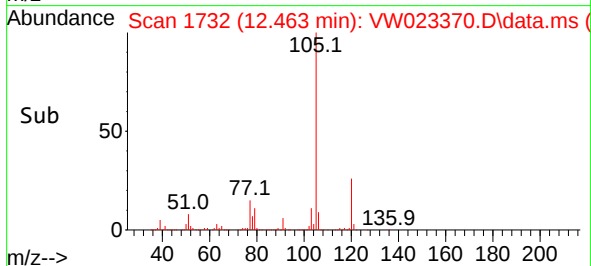
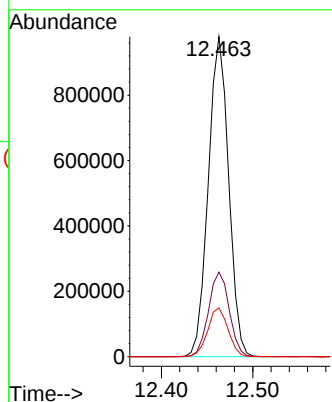
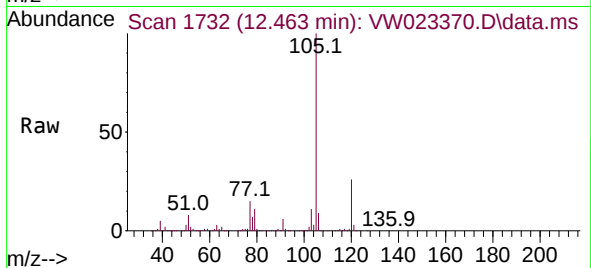
Tgt Ion:105 Resp: 1511809

Ion Ratio Lower Upper

105 100

120 26.9 21.4 32.0

77 15.2 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 44.805 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

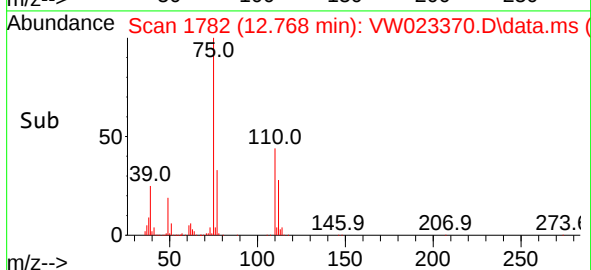
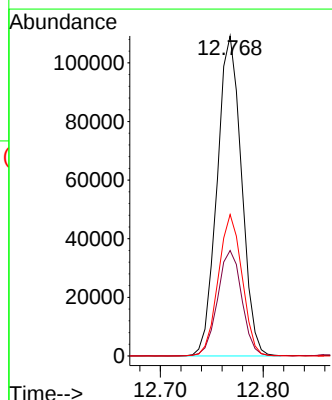
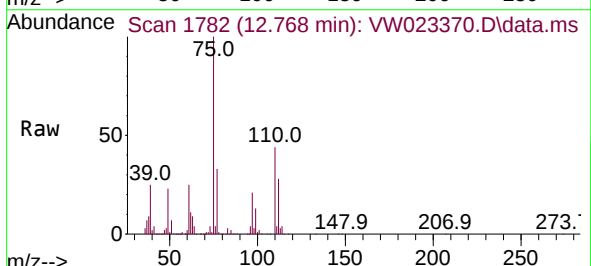
Tgt Ion: 75 Resp: 180157

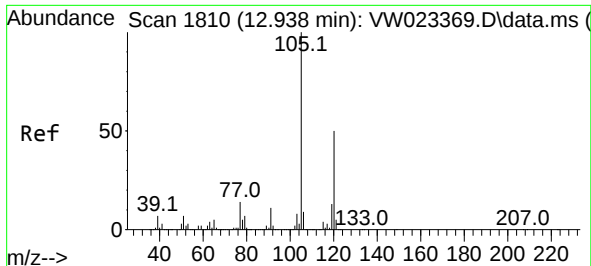
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 43.0 34.7 52.1

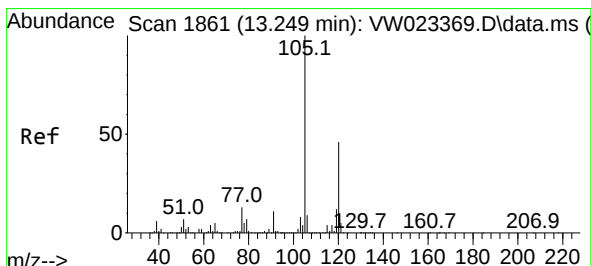
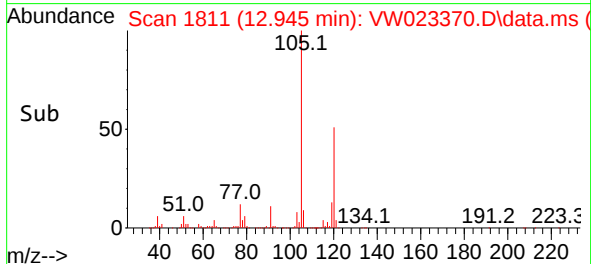
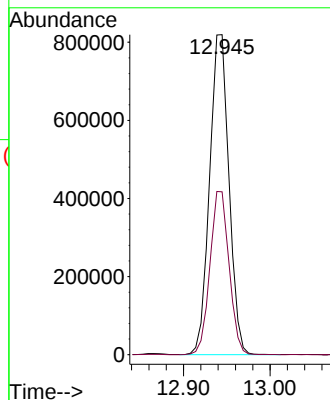
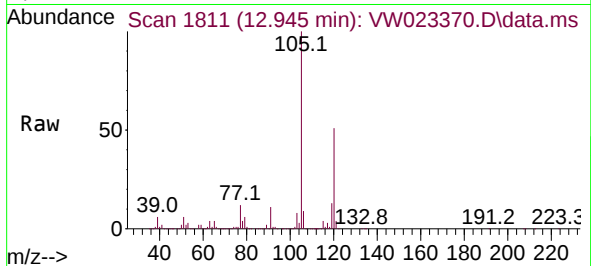




#62
1,3,5-Trimethylbenzene
Concen: 50.678 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

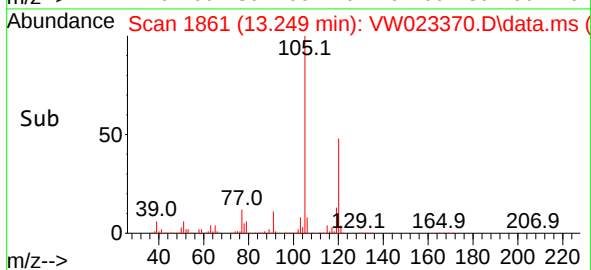
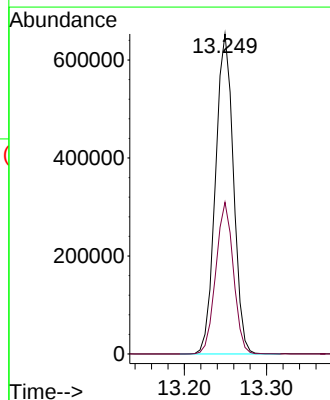
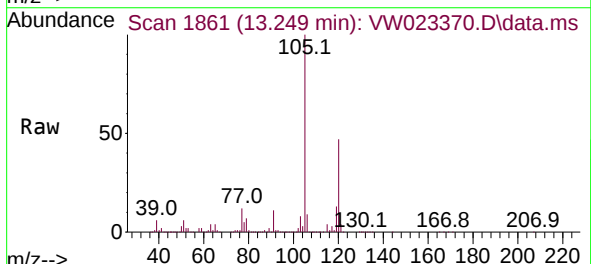
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

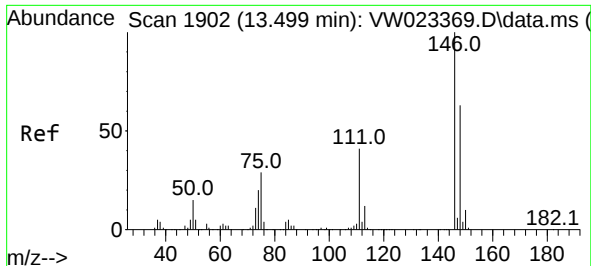
Tgt Ion:105 Resp: 1273878
Ion Ratio Lower Upper
105 100
120 50.3 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 50.777 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion:105 Resp: 990907
Ion Ratio Lower Upper
105 100
120 46.4 37.2 55.8

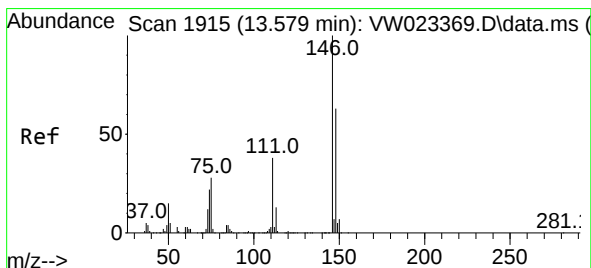
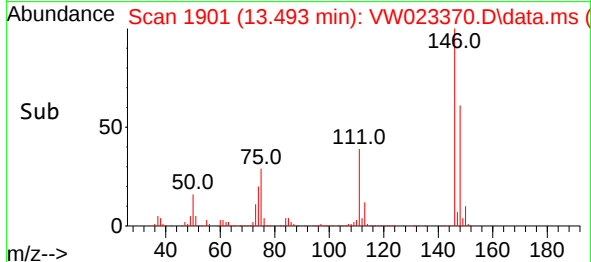
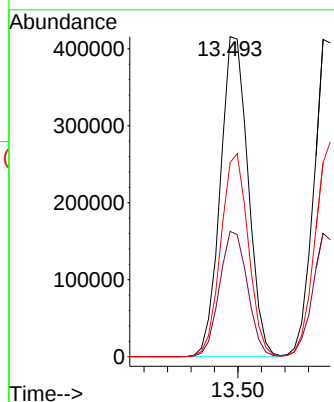
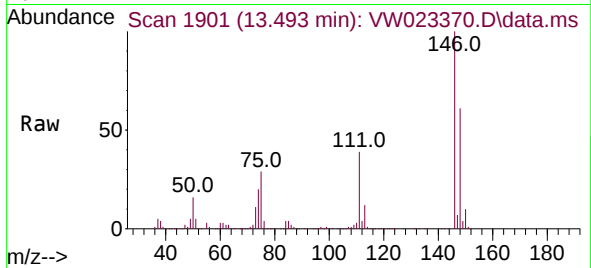




#64
1,3-Dichlorobenzene
Concen: 48.944 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

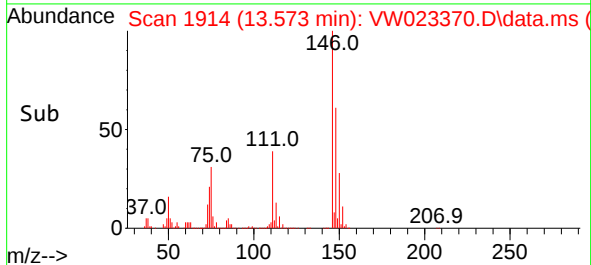
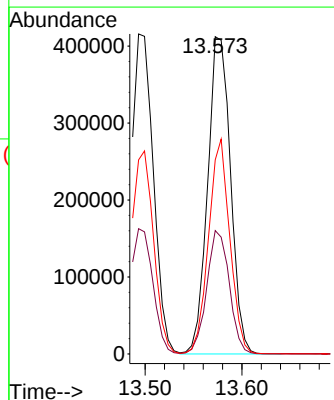
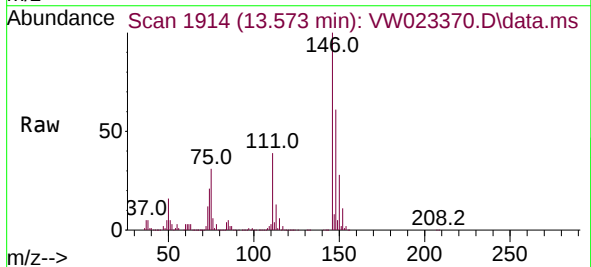
Instrument :
MSVOA_W
ClientSampleId :
VSTD050410

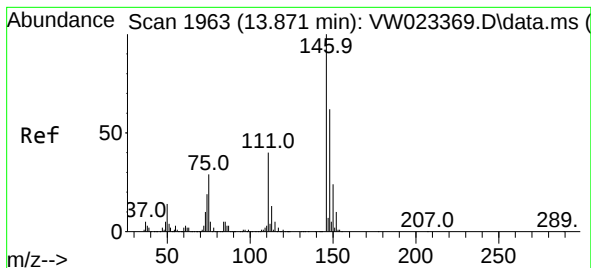
Tgt Ion:146 Resp: 682647
Ion Ratio Lower Upper
146 100
111 39.2 28.7 53.3
148 60.6 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 47.618 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023370.D
Acq: 02 Jun 2022 11:35

Tgt Ion:146 Resp: 678931
Ion Ratio Lower Upper
146 100
111 38.9 26.9 49.9
148 61.1 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 49.153 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

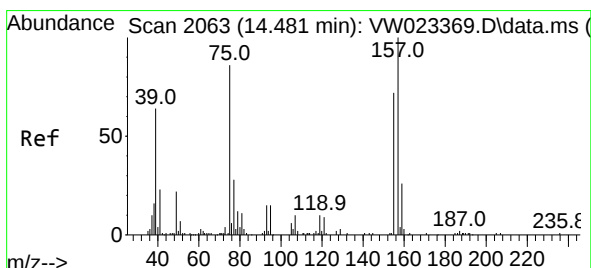
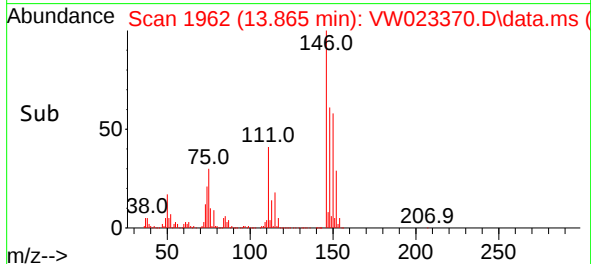
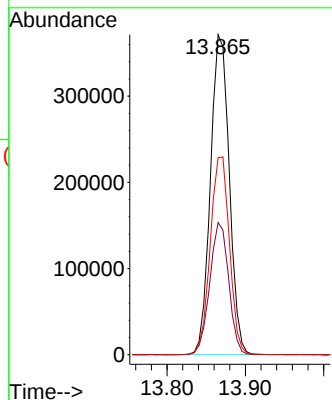
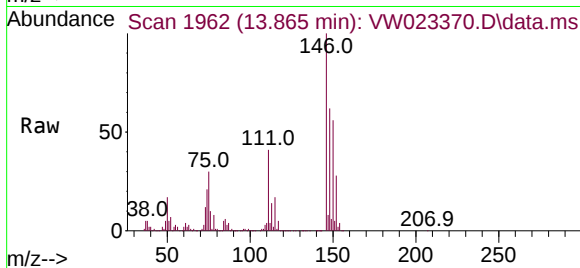
Tgt Ion:146 Resp: 619664

Ion Ratio Lower Upper

146 100

111 41.3 31.7 47.5

148 61.5 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 43.976 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

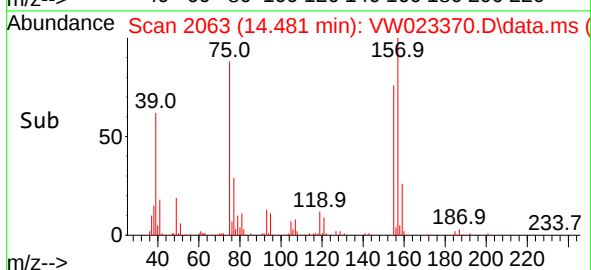
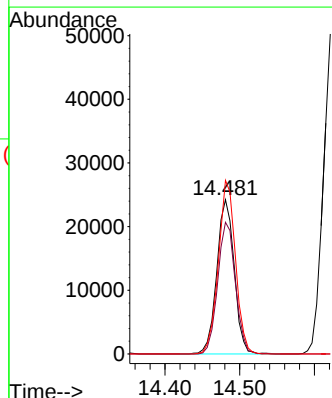
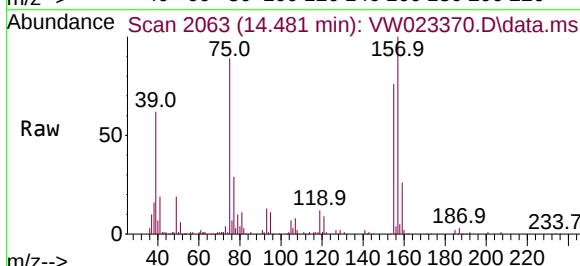
Tgt Ion: 75 Resp: 39386

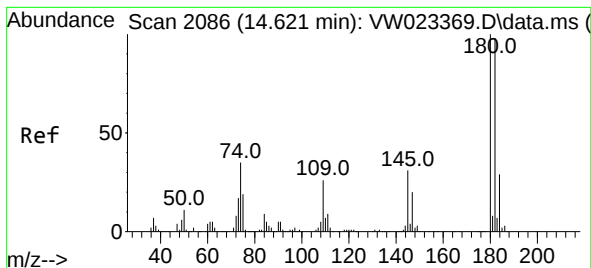
Ion Ratio Lower Upper

75 100

155 85.3 66.7 100.1

157 112.5 92.6 139.0





#69

1,3,5-Trichlorobenzene

Concen: 51.124 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

Tgt Ion:180 Resp: 470911

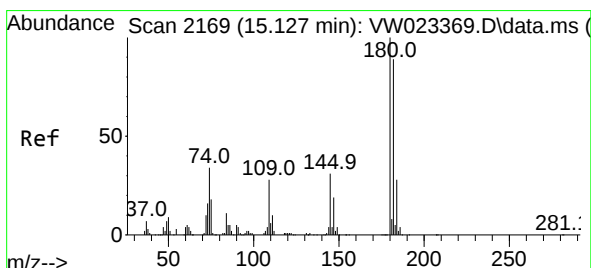
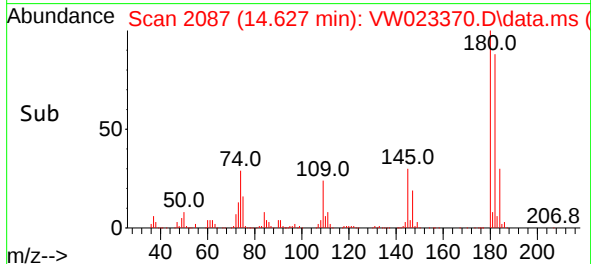
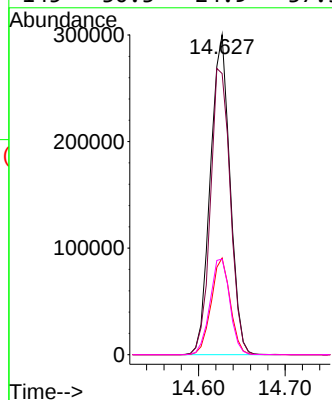
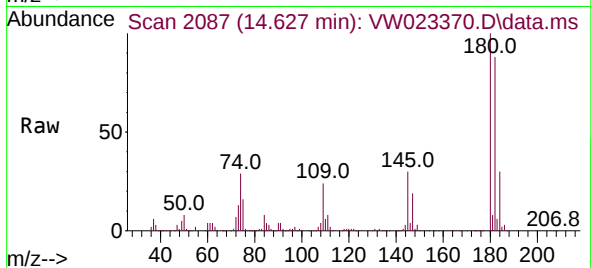
Ion Ratio Lower Upper

180 100

182 90.9 76.6 115.0

184 29.4 23.4 35.2

145 30.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 50.431 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

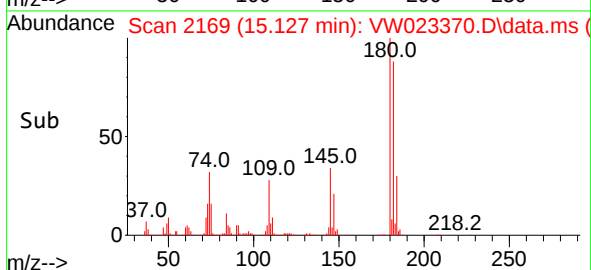
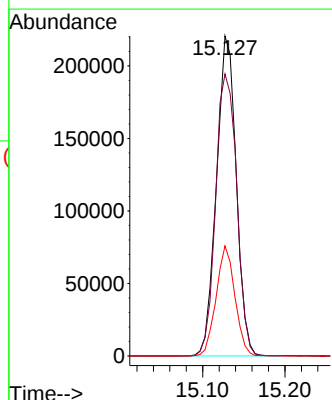
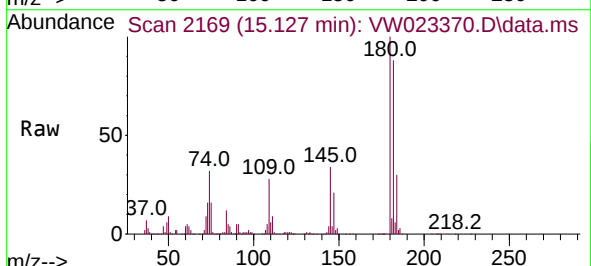
Tgt Ion:180 Resp: 369089

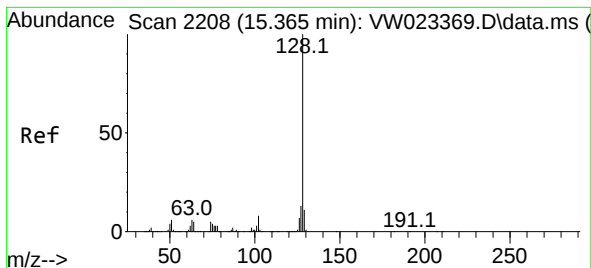
Ion Ratio Lower Upper

180 100

182 94.0 75.0 112.6

145 32.6 25.7 38.5





#71

Naphthalene

Concen: 52.815 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD050410

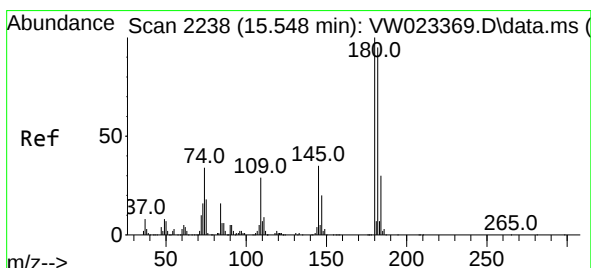
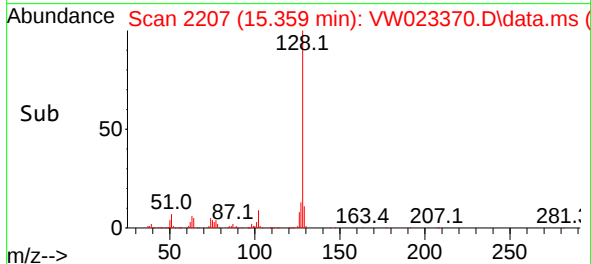
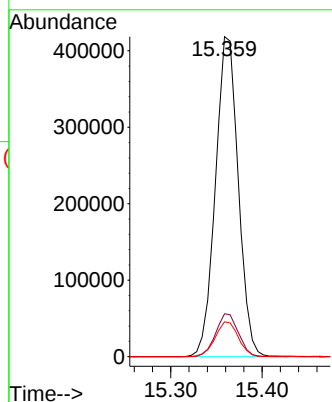
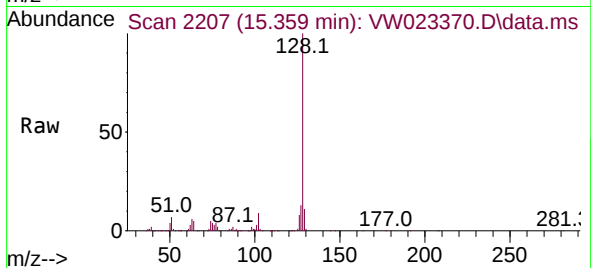
Tgt Ion:128 Resp: 727727

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.577 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW023370.D

Acq: 02 Jun 2022 11:35

Tgt Ion:180 Resp: 314057

Ion Ratio Lower Upper

180 100

182 97.1 74.6 112.0

145 34.6 28.0 42.0

