

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023368.D
 Acq On : 02 Jun 2022 10:47
 Operator : SY/VA
 Sample : VSTD00508
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005408

Quant Time: Jun 02 21:26:24 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	381311	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	352268	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178050	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	30555	5.419	ug/L	0.00
7) Chloroethane-d5	3.032	69	268	0.069	ug/L	0.15
11) 1,1-Dichloroethene-d2	4.019	63	45587	5.260	ug/L	0.00
21) 2-Butanone-d5	7.086	46	11000	9.505	ug/L	0.00
24) Chloroform-d	7.647	84	53191	5.297	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	27911	5.307	ug/L	0.00
32) Benzene-d6	8.275	84	99622	5.263	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	27944	5.160	ug/L	0.00
41) Toluene-d8	10.323	98	92907	5.148	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	12348	5.108	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8420	9.679	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	25217	5.280	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	31944	5.076	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	7627	4.873	ug/L #	84
3) Chloromethane	2.221	50	26117	5.546	ug/L	95
5) Vinyl chloride	2.361	62	40063	5.466	ug/L	95
6) Bromomethane	2.776	94	19487	5.446	ug/L	95
8) Chloroethane	2.922	64	17075	5.096	ug/L	94
9) Trichlorofluoromethane	3.263	101	18750	5.415	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	27779	5.537	ug/L #	90
12) 1,1-Dichloroethene	4.044	96	23033	5.271	ug/L	98
13) Acetone	4.129	43	9442	11.156	ug/L	85
14) Carbon disulfide	4.385	76	76852	5.265	ug/L	99
15) Methyl Acetate	4.787	43	150	0.080	ug/L	94
16) Methylene chloride	4.915	84	30383	5.562	ug/L	94
17) trans-1,2-Dichloroethene	5.422	96	27384	5.371	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	39925	5.320	ug/L	99
19) 1,1-Dichloroethane	6.214	63	45960	5.322	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	28126	5.254	ug/L #	93
22) 2-Butanone	7.177	43	13928	11.020	ug/L	97
23) Bromochloromethane	7.525	128	7769	3.068	ug/L	81
25) Chloroform	7.677	83	50530	5.346	ug/L	99
27) 1,2-Dichloroethane	8.397	62	33553	5.514	ug/L	98
29) Cyclohexane	7.958	56	37726	5.014	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	43180	5.297	ug/L	97
31) Carbon tetrachloride	8.067	117	40532	5.286	ug/L	99
33) Benzene	8.323	78	108412	5.372	ug/L	100
34) Trichloroethene	9.098	95	29072	5.320	ug/L	91
35) Methylcyclohexane	9.342	83	45421	5.017	ug/L	95
37) 1,2-Dichloropropane	9.372	63	25369	5.336	ug/L #	95
38) Bromodichloromethane	9.646	83	35592	5.289	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	37610	5.037	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	29180	10.831	ug/L	98
42) Toluene	10.390	91	116640	5.203	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	33247	4.976	ug/L	94

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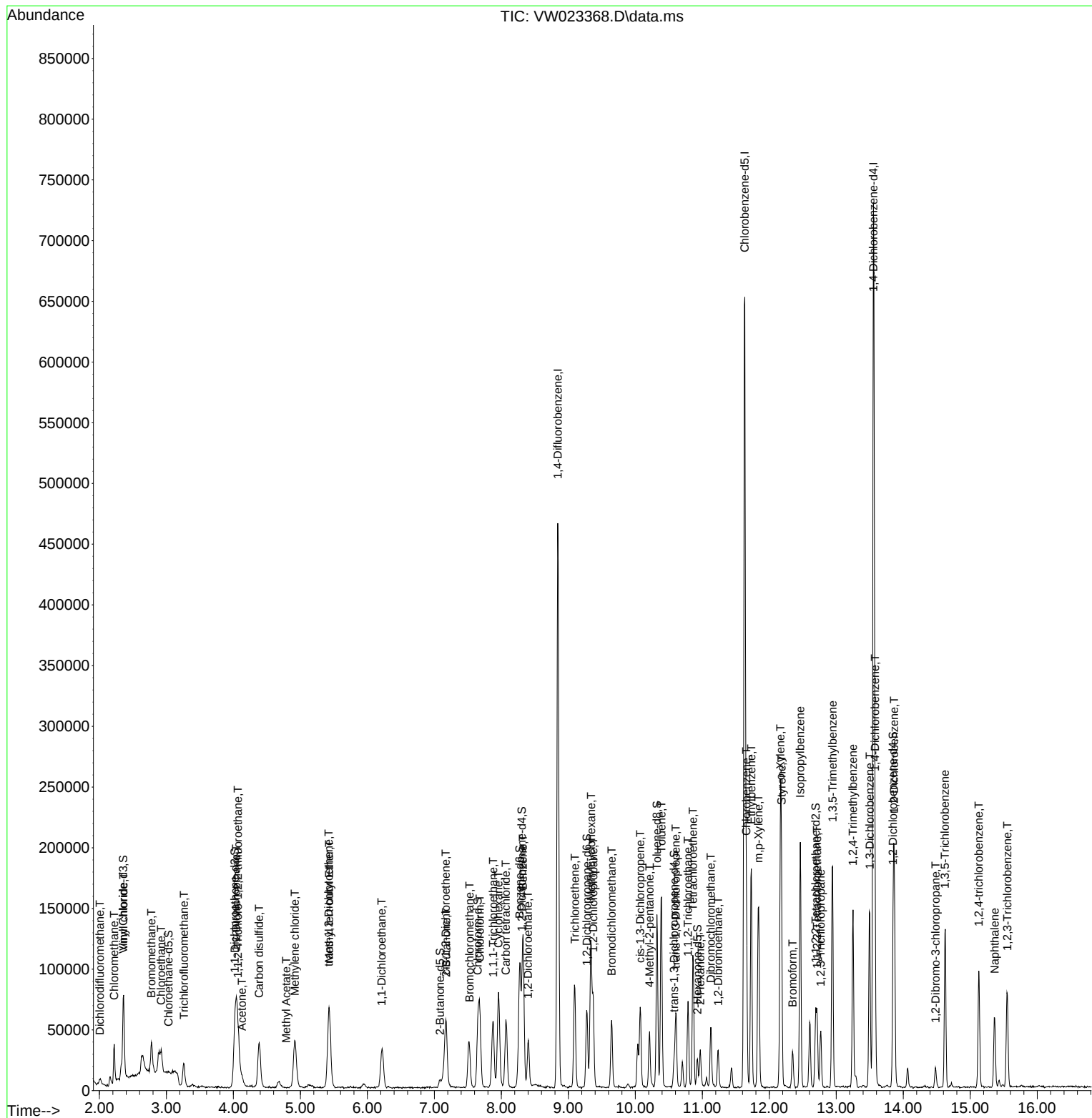
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	20858	5.359	ug/L	94
46) Tetrachloroethene	10.860	164	21988	5.025	ug/L	91
48) 2-Hexanone	10.969	43	18183	10.097	ug/L	99
49) Dibromochloromethane	11.128	129	23779	4.979	ug/L	86
50) 1,2-Dibromoethane	11.238	107	20134	5.306	ug/L #	88
51) Chlorobenzene	11.658	112	76878	5.194	ug/L	99
52) Ethylbenzene	11.731	91	124639	5.063	ug/L	98
53) m,p-Xylene	11.841	106	49303	5.057	ug/L	96
54) o-Xylene	12.164	106	47124	5.052	ug/L	95
55) Styrene	12.182	104	78758	4.955	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	24881	5.412	ug/L #	84
59) Bromoform	12.347	173	12693	4.856	ug/L #	96
60) Isopropylbenzene	12.463	105	122103	5.000	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	17903	5.594	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	97103	4.853	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	75699	4.873	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	57379	5.169	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	60814	5.359	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	52011	5.183	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	3774	5.294	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	35756	4.877	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	28524	4.897	ug/L	95
71) Naphthalene	15.365	128	49223	4.488	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	25486	5.055	ug/L	98

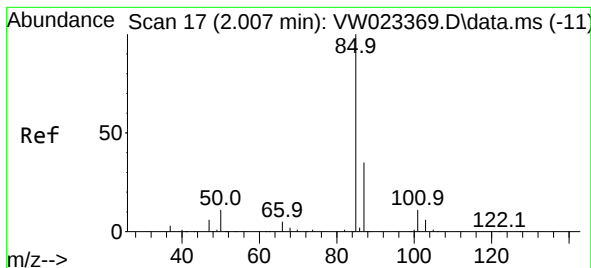
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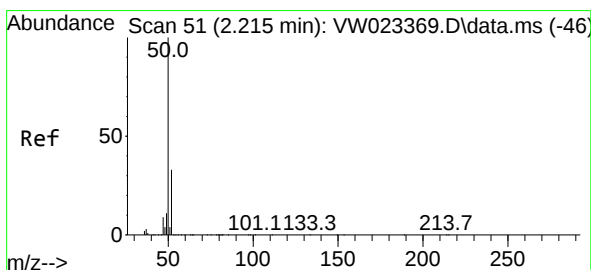
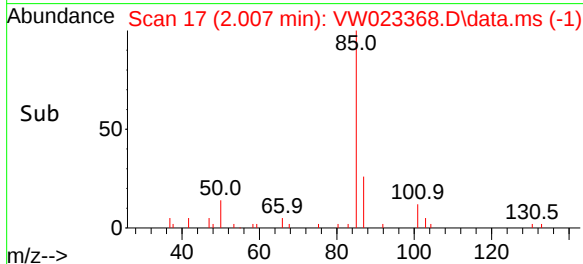
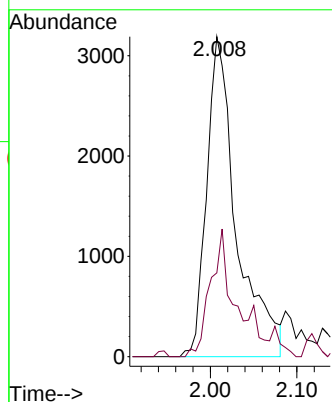
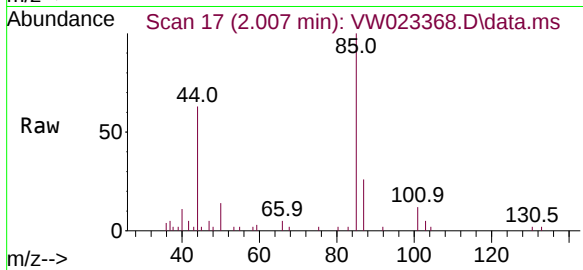




#2
 Dichlorodifluoromethane
 Concen: 4.873 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023368.D
 Acq: 02 Jun 2022 10:47

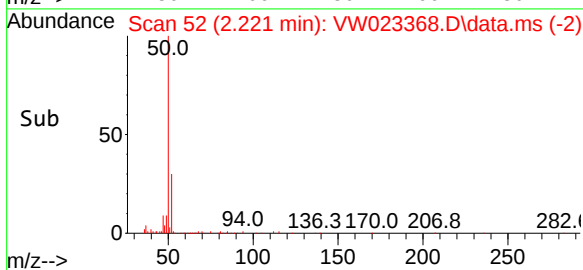
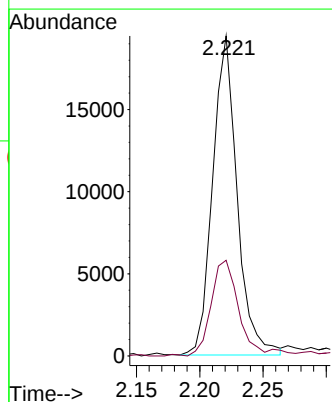
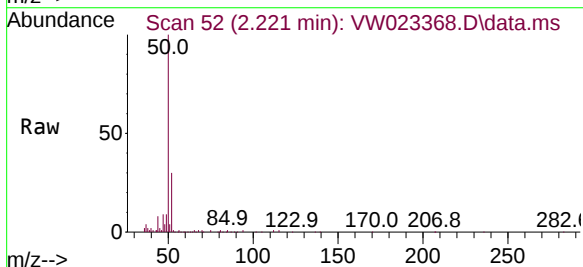
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 ClientSampleId :
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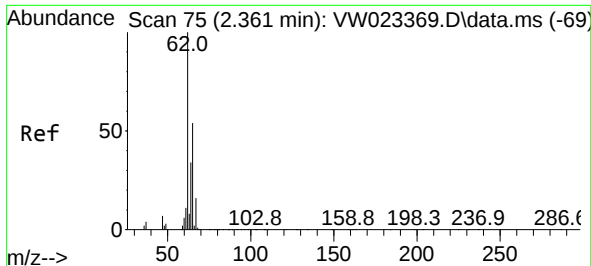
Tgt Ion: 85 Resp: 7627
 Ion Ratio Lower Upper
 85 100
 87 23.7 26.3 39.5#



#3
 Chloromethane
 Concen: 5.546 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW023368.D
 Acq: 02 Jun 2022 10:47

Tgt Ion: 50 Resp: 26117
 Ion Ratio Lower Upper
 50 100
 52 29.9 22.8 42.4

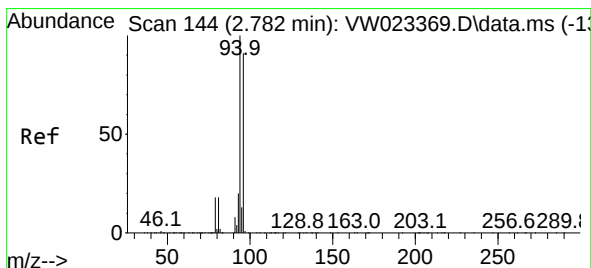
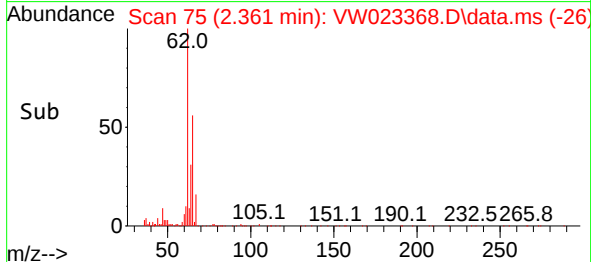
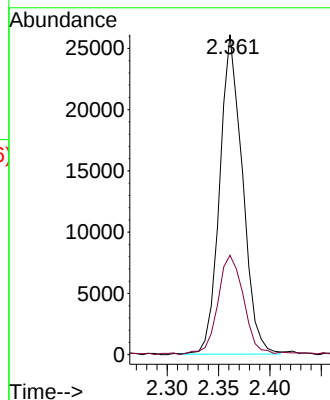
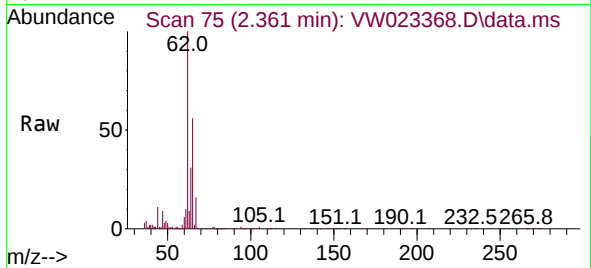




#5
 Vinyl chloride
 Concen: 5.466 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW023368.D
 Acq: 02 Jun 2022 10:47

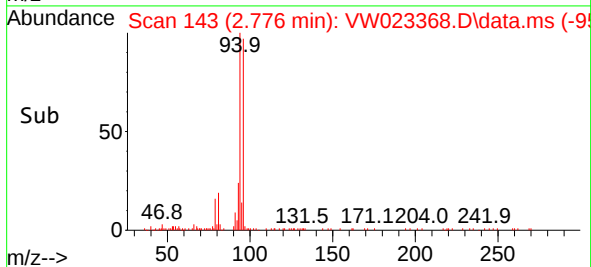
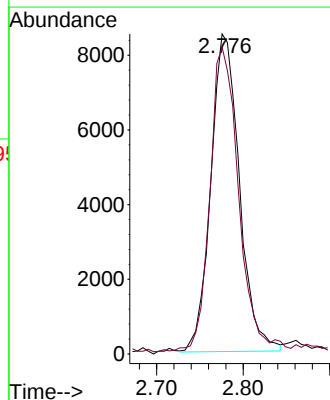
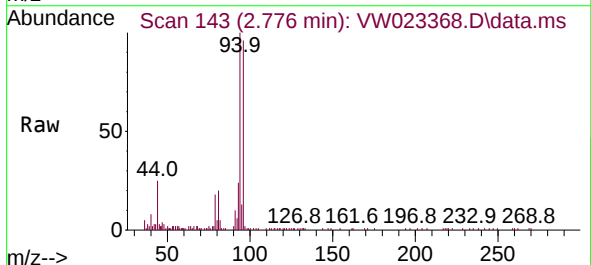
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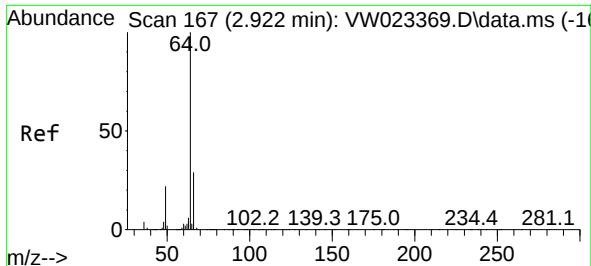
Tgt Ion: 62 Resp: 40063
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.9 44.3



#6
 Bromomethane
 Concen: 5.446 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023368.D
 Acq: 02 Jun 2022 10:47

Tgt Ion: 94 Resp: 19487
 Ion Ratio Lower Upper
 94 100
 96 95.9 63.8 118.4

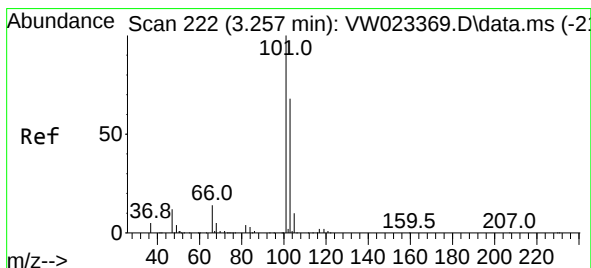
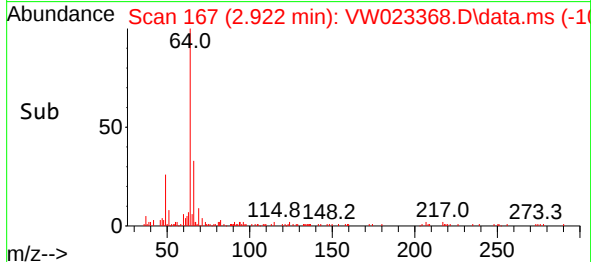
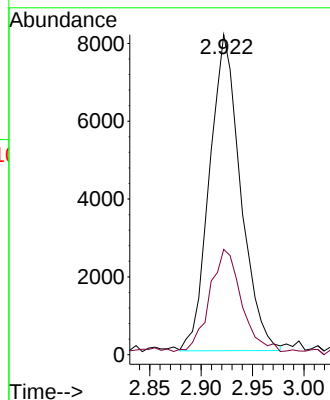
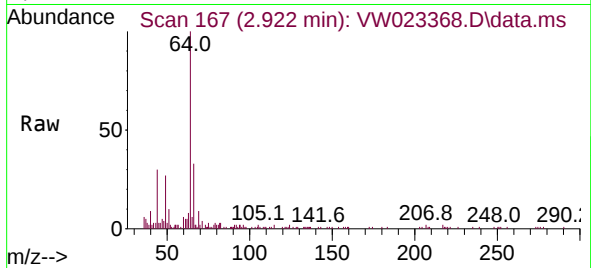




#8
Chloroethane
Concen: 5.096 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

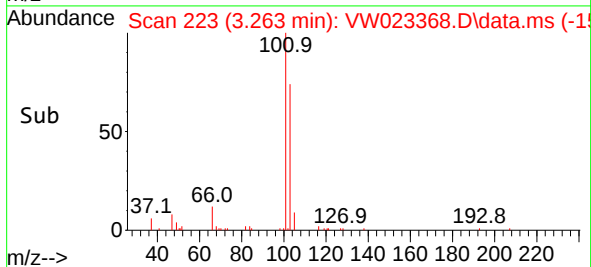
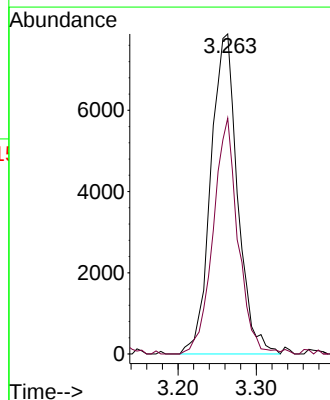
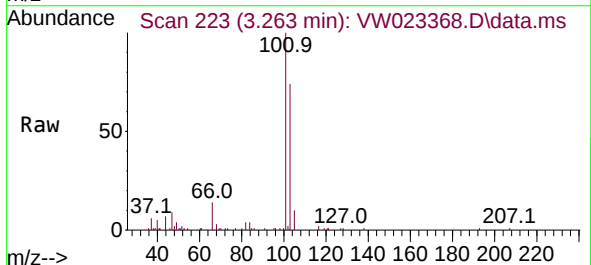
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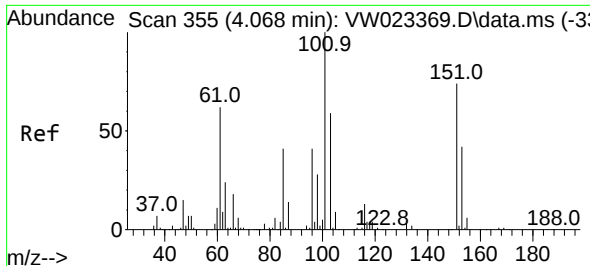
Tgt Ion: 64 Resp: 17075
Ion Ratio Lower Upper
64 100
66 32.9 20.6 38.4



#9
Trichlorofluoromethane
Concen: 5.415 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 101 Resp: 18750
Ion Ratio Lower Upper
101 100
103 67.8 51.7 77.5

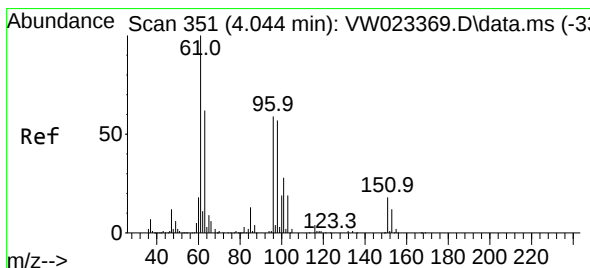
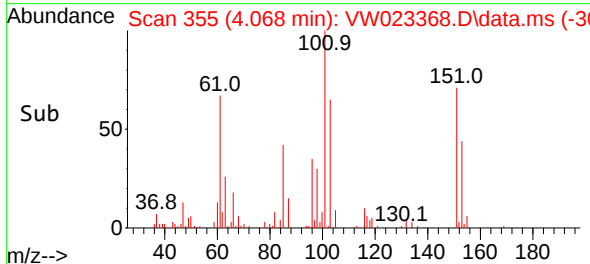
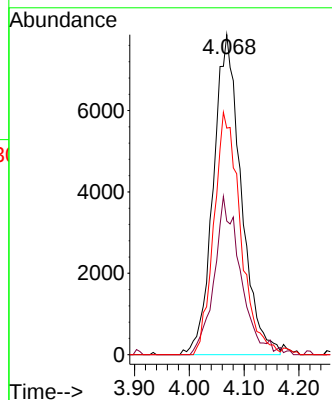
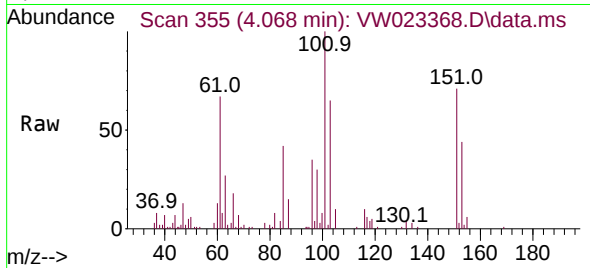




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.537 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW023368.D
 Acq: 02 Jun 2022 10:47

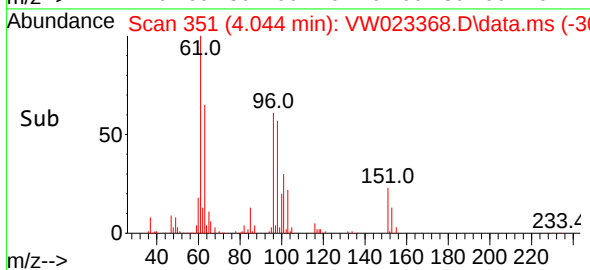
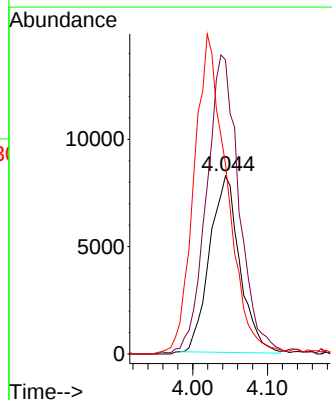
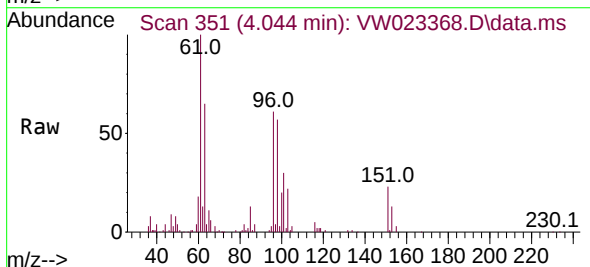
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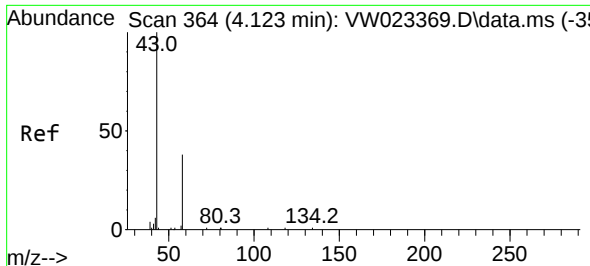
Tgt Ion:101 Resp: 27779
 Ion Ratio Lower Upper
 101 100
 85 27.8 35.4 53.0#
 151 72.3 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 5.271 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023368.D
 Acq: 02 Jun 2022 10:47

Tgt Ion: 96 Resp: 23033
 Ion Ratio Lower Upper
 96 100
 61 165.1 119.4 221.8
 63 106.7 74.7 138.7

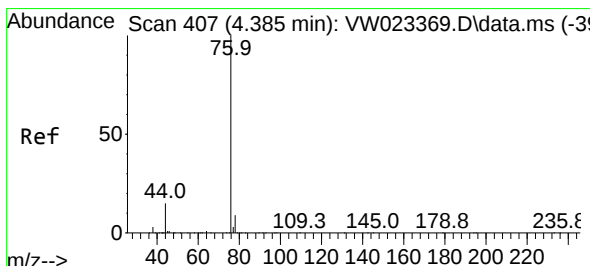
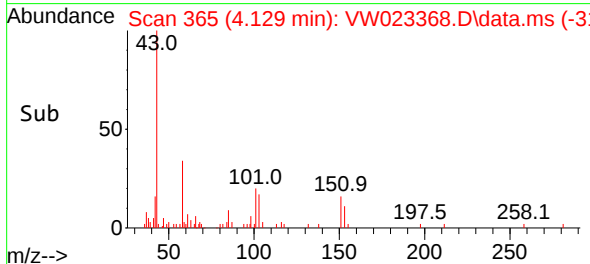
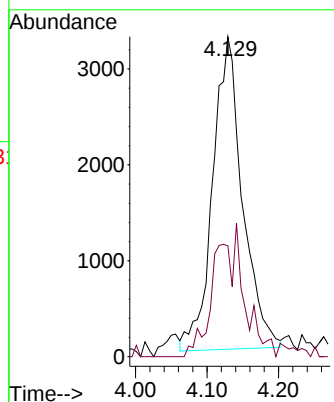
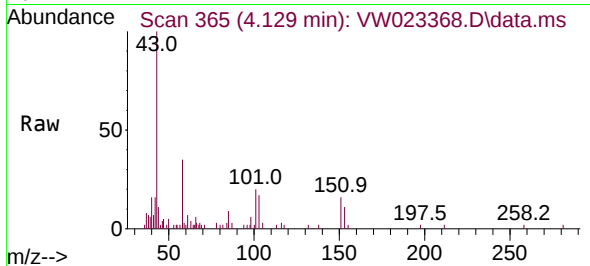




#13
Acetone
Concen: 11.156 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

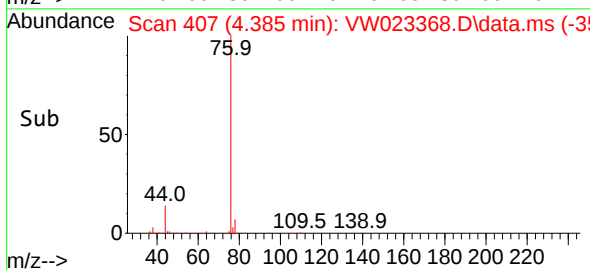
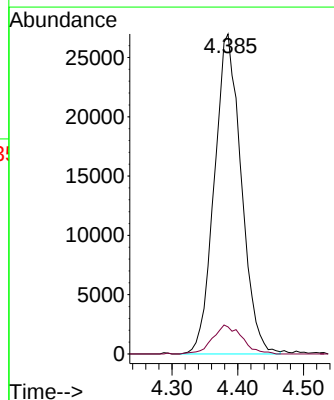
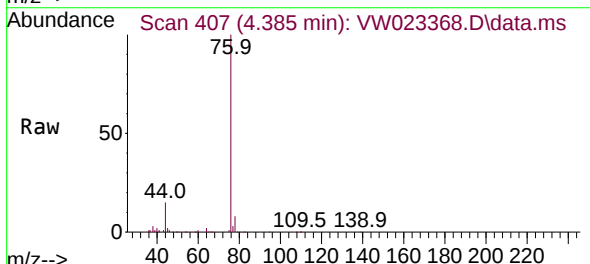
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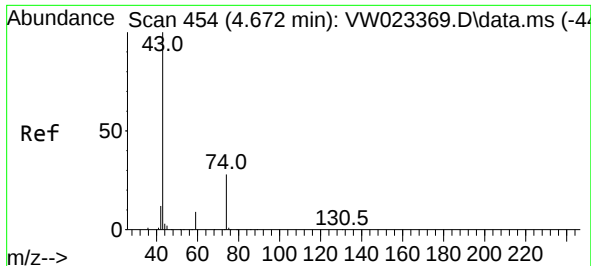
Tgt Ion: 43 Resp: 9442
Ion Ratio Lower Upper
43 100
58 23.2 0.0 63.0



#14
Carbon disulfide
Concen: 5.265 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 76 Resp: 76852
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

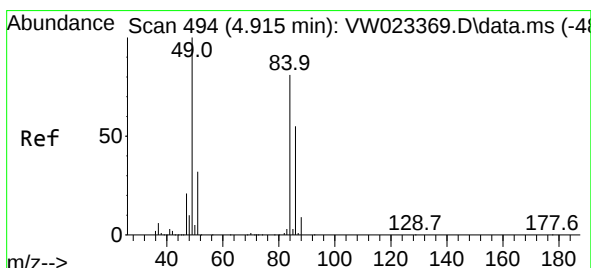
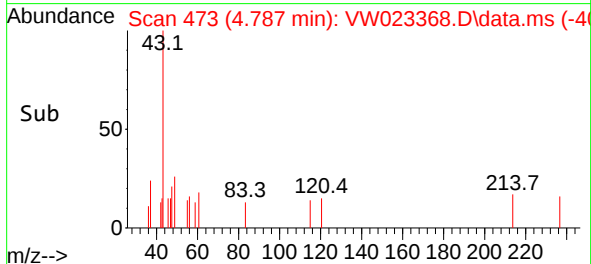
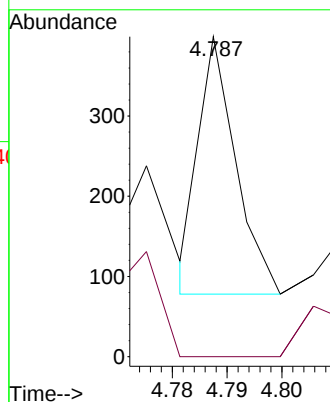
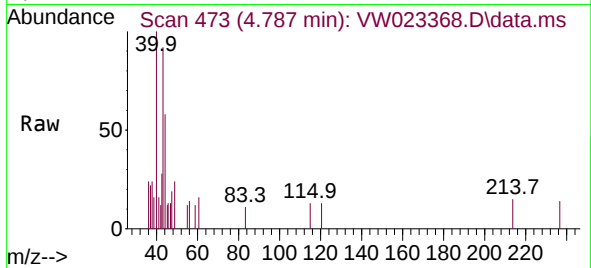




#15
Methyl Acetate
Concen: 0.080 ug/L
RT: 4.787 min Scan# 41
Delta R.T. 0.116 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

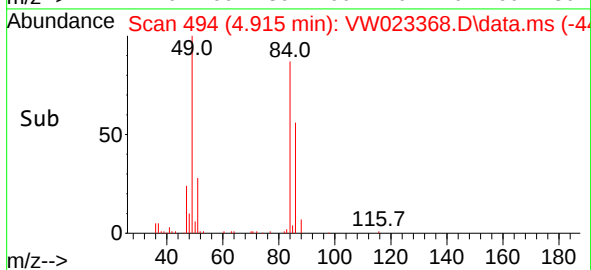
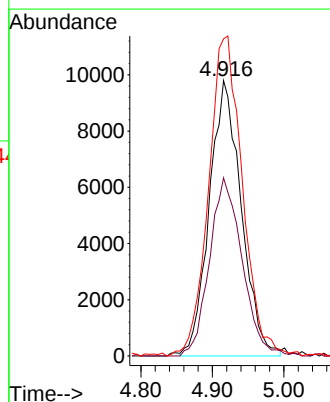
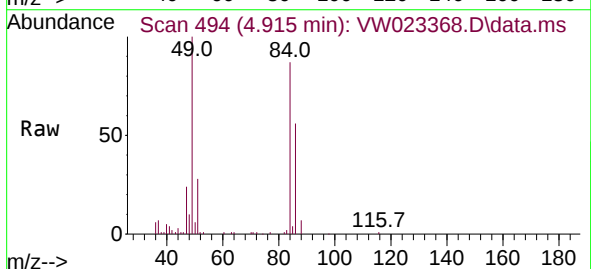
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

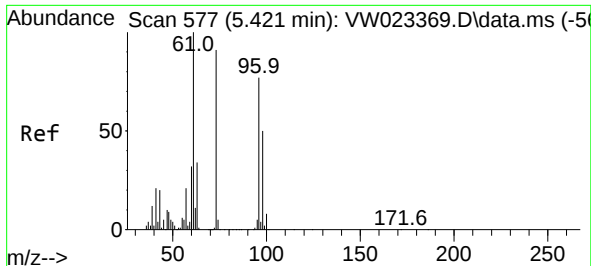
Tgt Ion: 43 Resp: 150
Ion Ratio Lower Upper
43 100
74 28.0 20.2 30.2



#16
Methylene chloride
Concen: 5.562 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 84 Resp: 30383
Ion Ratio Lower Upper
84 100
86 64.7 47.3 87.9
49 115.1 86.8 161.2

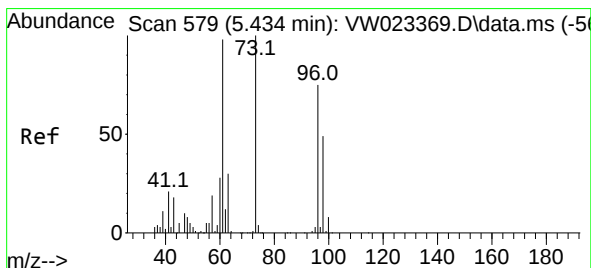
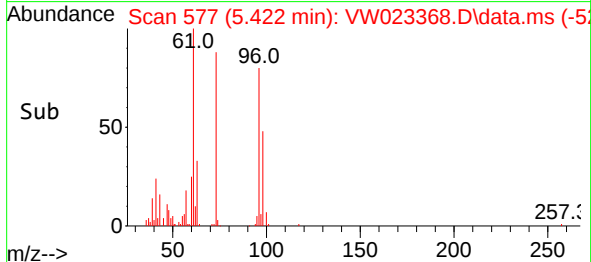
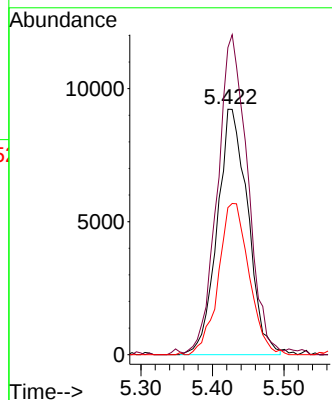
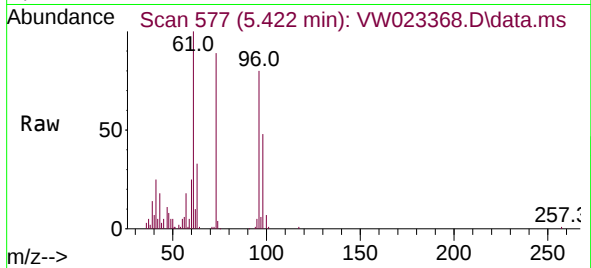




#17
trans-1,2-Dichloroethene
Concen: 5.371 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

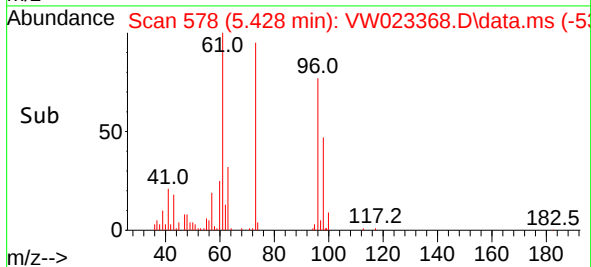
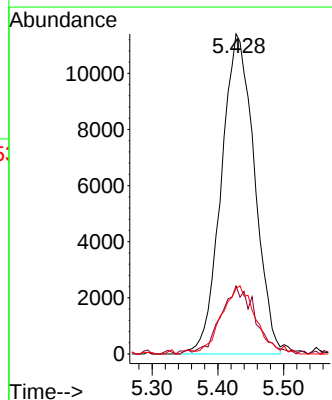
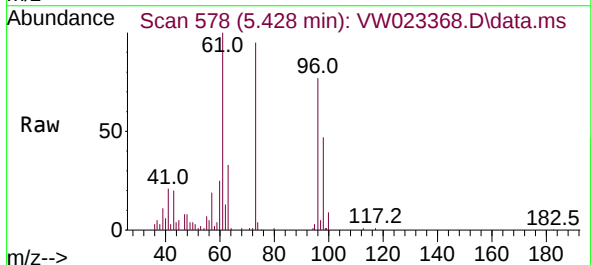
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

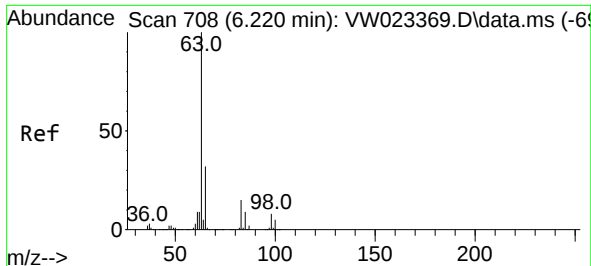
Tgt Ion: 96 Resp: 27384
Ion Ratio Lower Upper
96 100
61 125.1 91.6 170.0
98 59.9 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 5.320 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 73 Resp: 39925
Ion Ratio Lower Upper
73 100
43 21.3 16.6 25.0
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 5.322 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

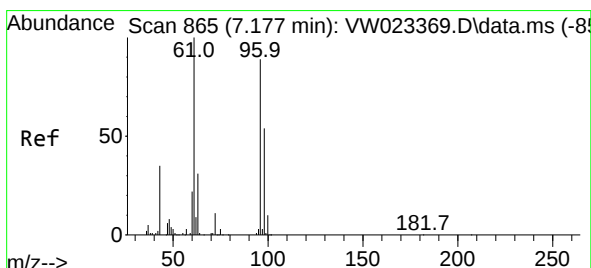
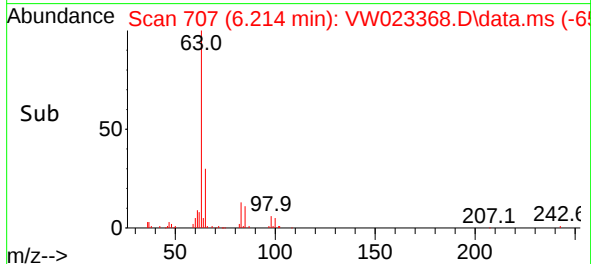
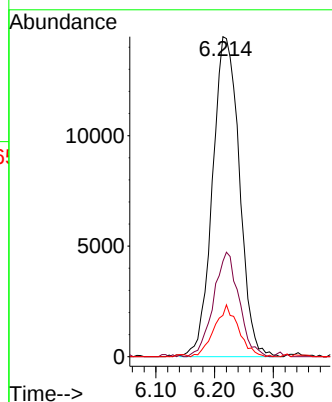
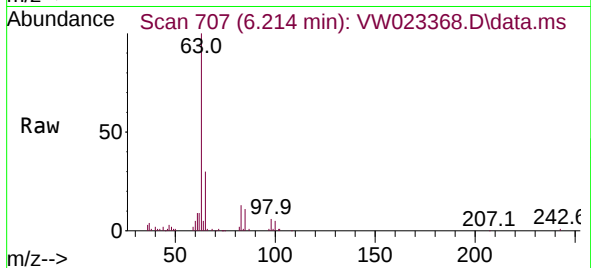
Tgt Ion: 63 Resp: 45960

Ion Ratio Lower Upper

63 100

65 29.8 22.7 42.1

83 12.9 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 5.254 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

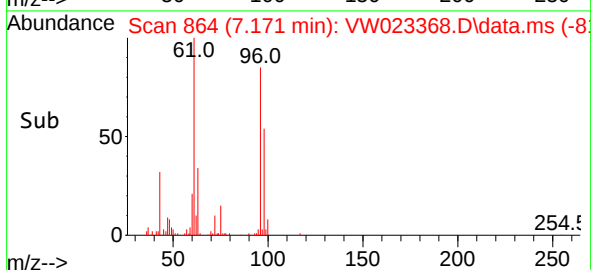
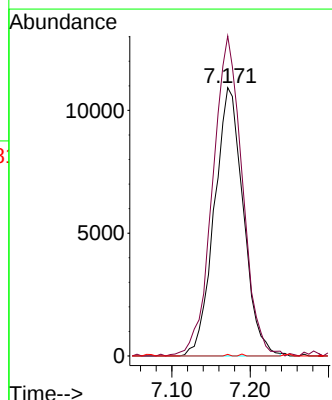
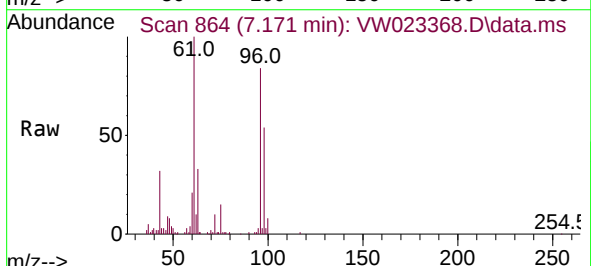
Tgt Ion: 96 Resp: 28126

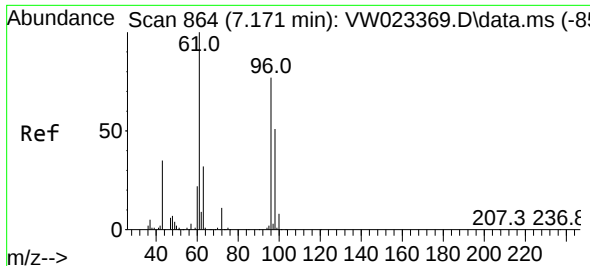
Ion Ratio Lower Upper

96 100

61 119.3 78.6 146.0

68 1.1 0.0 0.0#

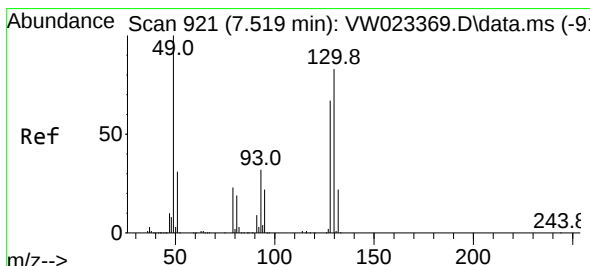
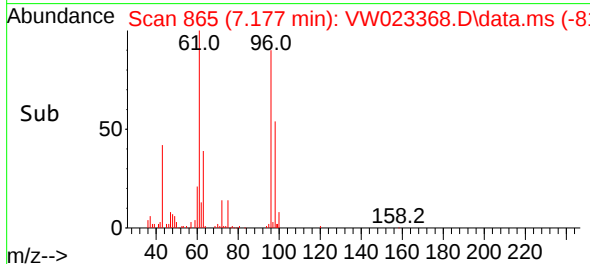
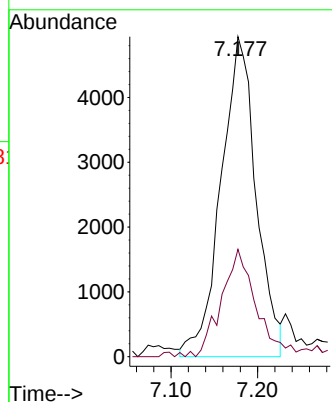
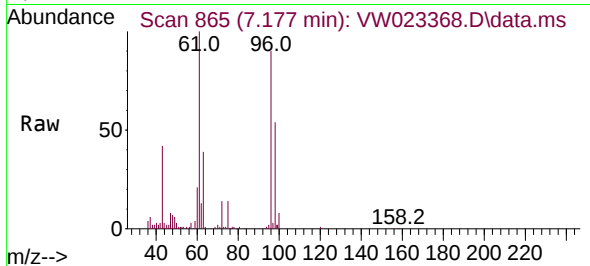




#22
2-Butanone
Concen: 11.020 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

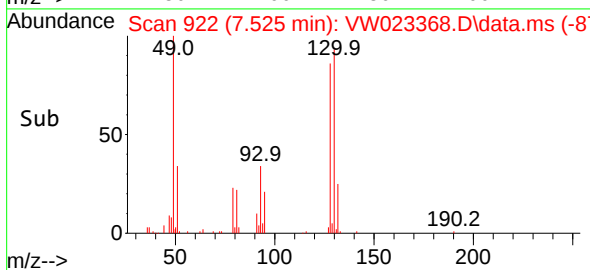
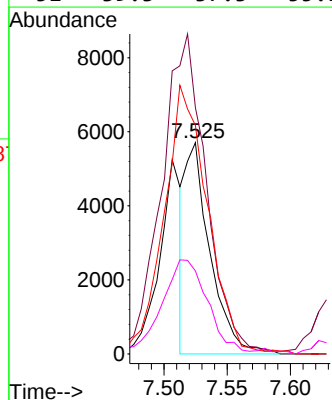
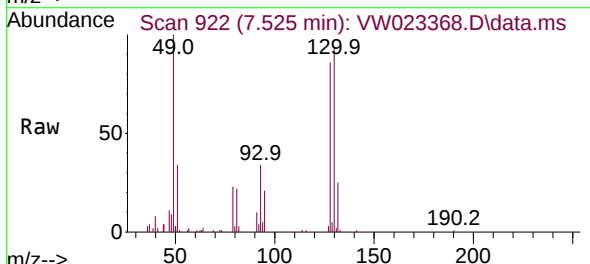
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

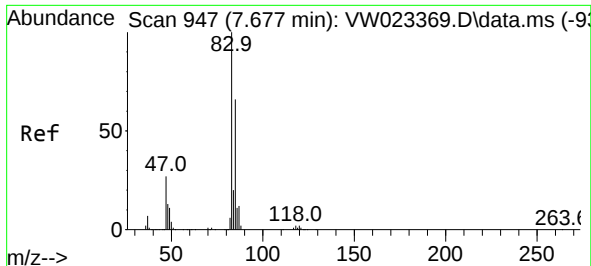
Tgt Ion: 43 Resp: 13928
Ion Ratio Lower Upper
43 100
72 32.8 15.7 47.0



#23
Bromochloromethane
Concen: 3.068 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 128 Resp: 7769
Ion Ratio Lower Upper
128 100
49 116.6 105.1 195.3
130 108.2 86.9 161.5
51 39.3 37.3 55.9

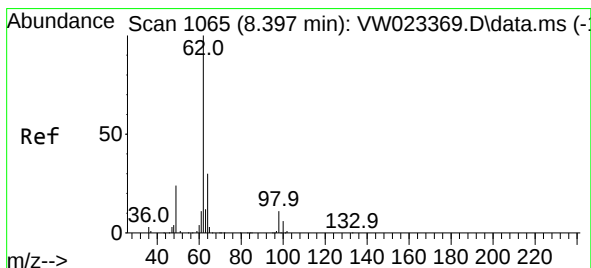
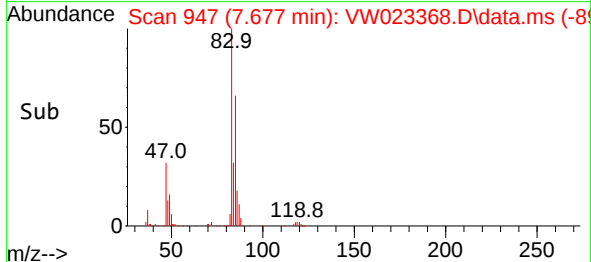
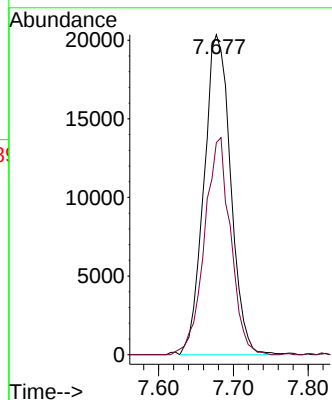
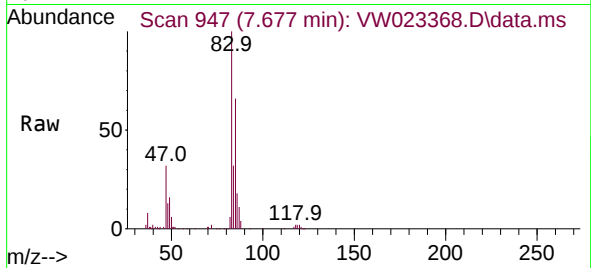




#25
Chloroform
Concen: 5.346 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

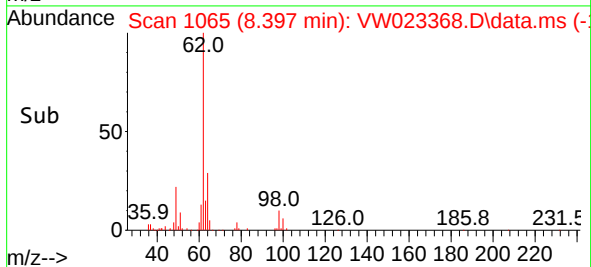
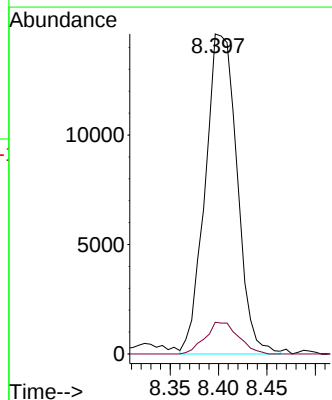
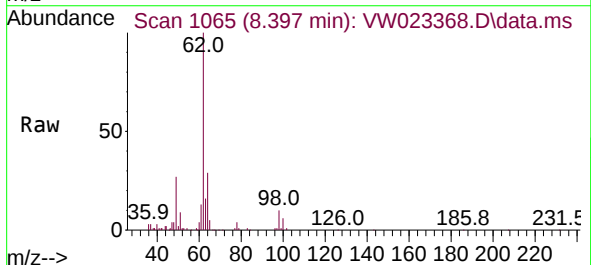
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

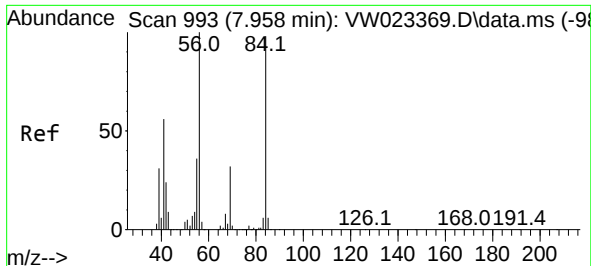
Tgt Ion: 83 Resp: 50530
Ion Ratio Lower Upper
83 100
85 66.3 46.7 86.7



#27
1,2-Dichloroethane
Concen: 5.514 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 62 Resp: 33553
Ion Ratio Lower Upper
62 100
98 9.9 8.5 12.7





#29

Cyclohexane

Concen: 5.014 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

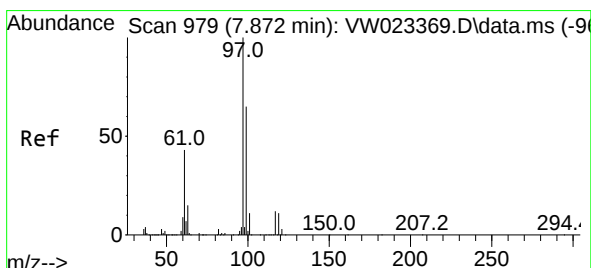
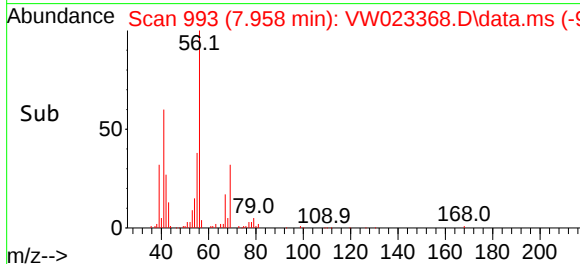
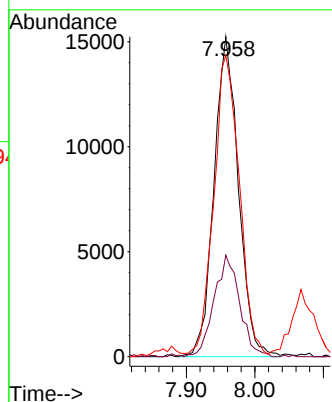
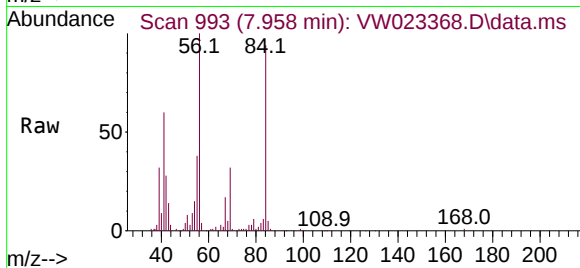
Tgt Ion: 56 Resp: 37726

Ion Ratio Lower Upper

56 100

69 33.1 25.2 37.8

84 99.0 78.3 117.5



#30

1,1,1-Trichloroethane

Concen: 5.297 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

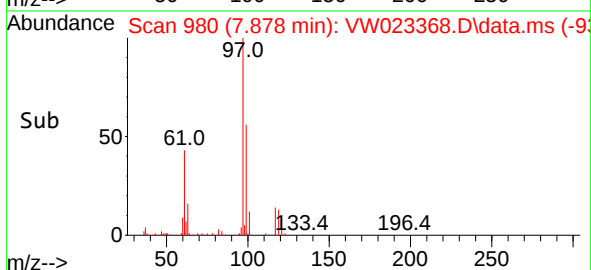
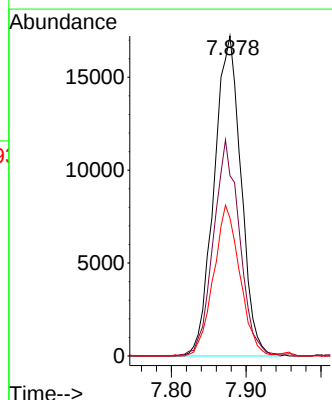
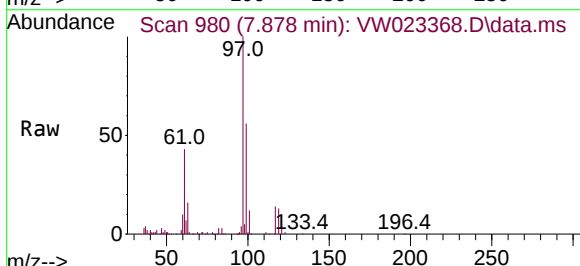
Tgt Ion: 97 Resp: 43180

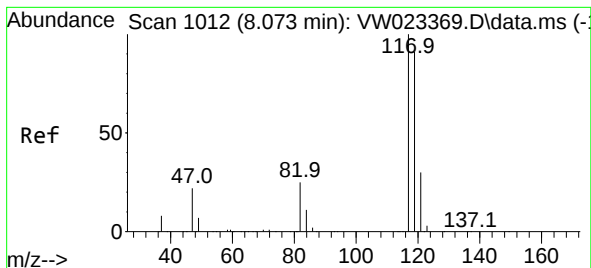
Ion Ratio Lower Upper

97 100

99 65.8 51.4 77.2

61 46.0 34.7 52.1

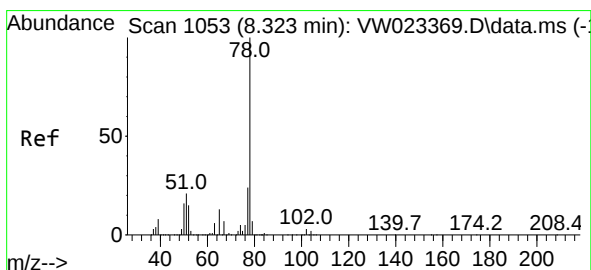
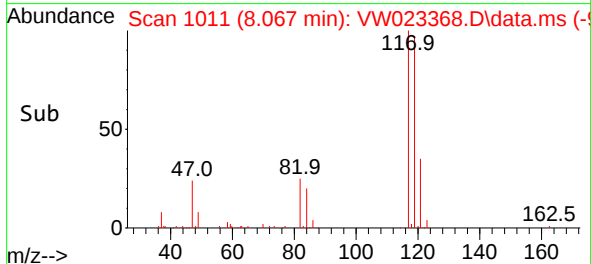
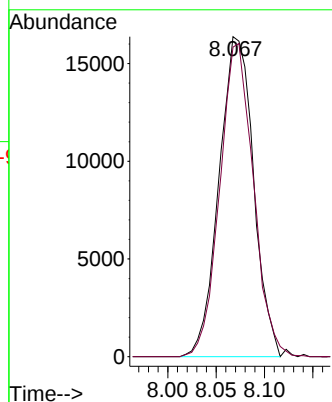
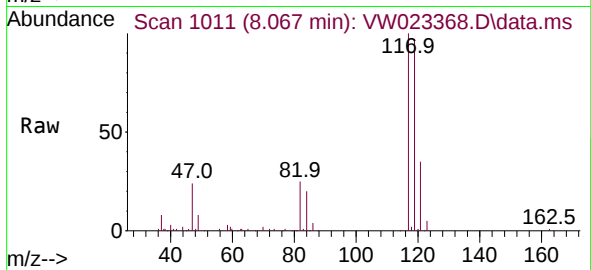




#31
Carbon tetrachloride
Concen: 5.286 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

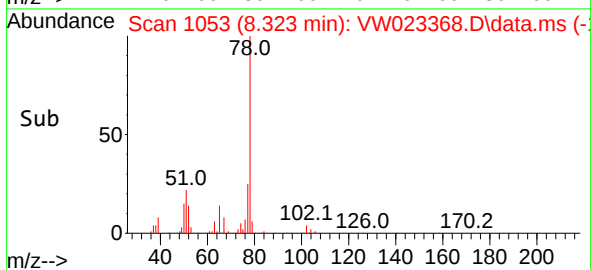
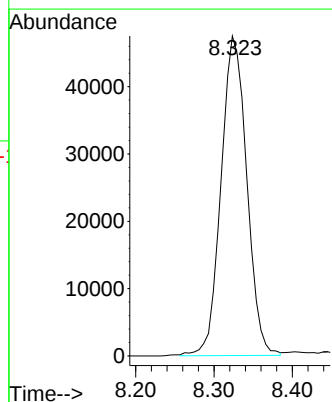
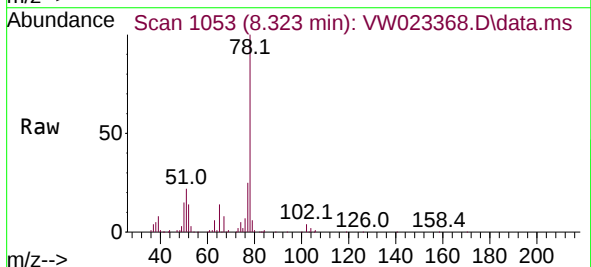
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

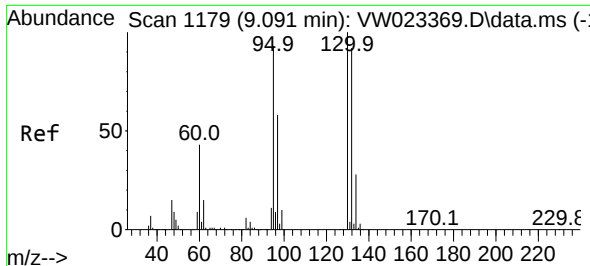
Tgt Ion:117 Resp: 40532
Ion Ratio Lower Upper
117 100
119 95.3 75.6 113.4



#33
Benzene
Concen: 5.372 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 78 Resp: 108412





#34

Trichloroethene

Concen: 5.320 ug/L

RT: 9.098 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

Tgt Ion: 95 Resp: 29072

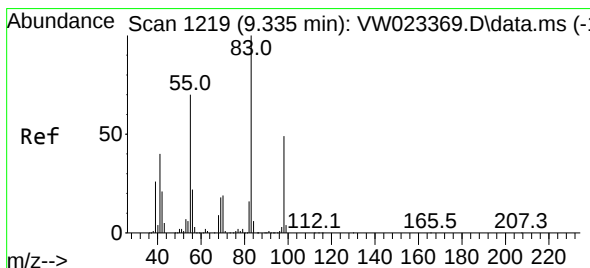
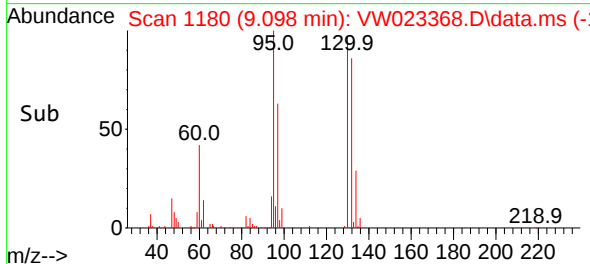
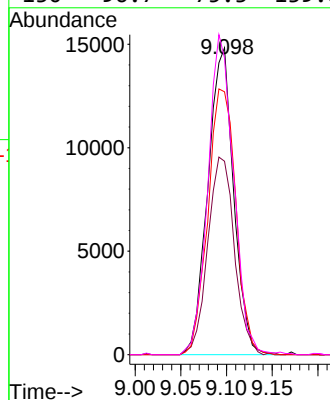
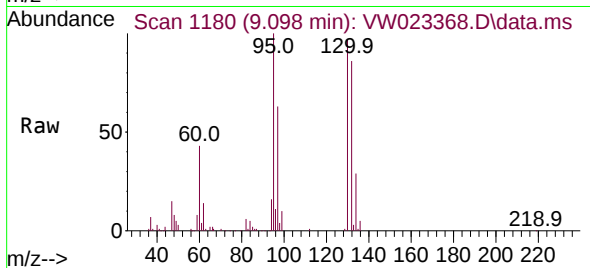
Ion Ratio Lower Upper

95 100

97 63.1 43.8 81.3

132 85.7 68.9 127.9

130 96.7 75.3 139.8



#35

Methylcyclohexane

Concen: 5.017 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

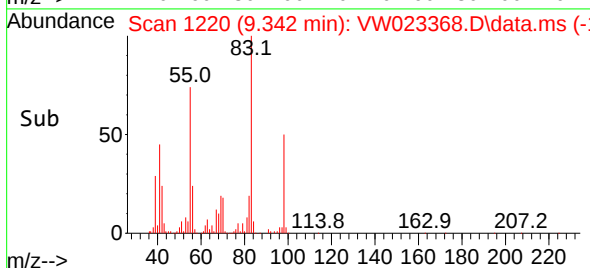
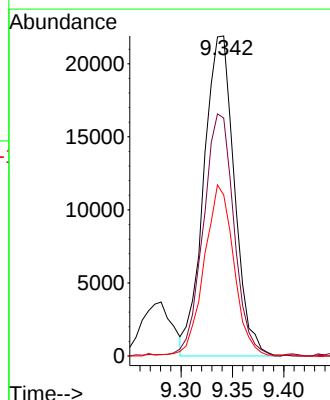
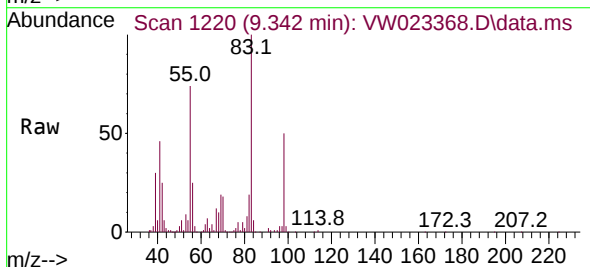
Tgt Ion: 83 Resp: 45421

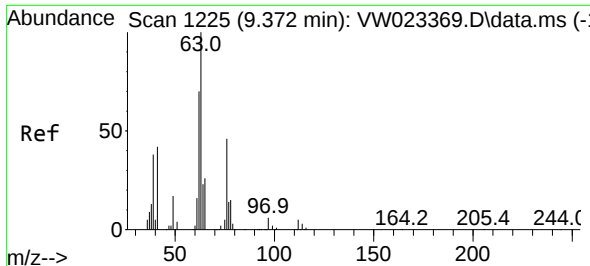
Ion Ratio Lower Upper

83 100

55 75.9 56.5 84.7

98 51.8 39.7 59.5





#37

1,2-Dichloropropane

Concen: 5.336 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

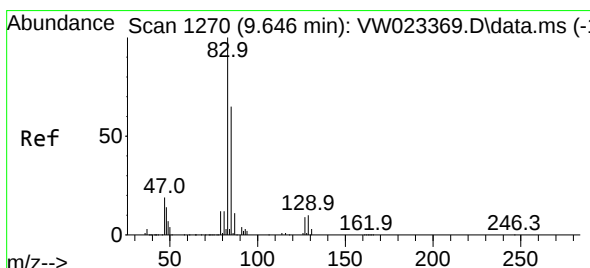
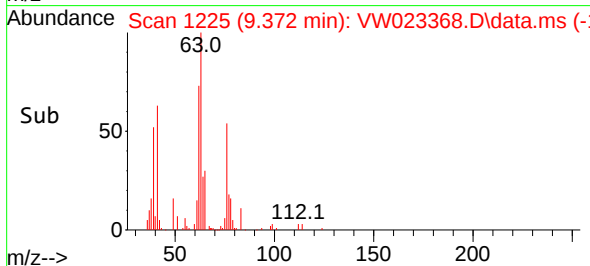
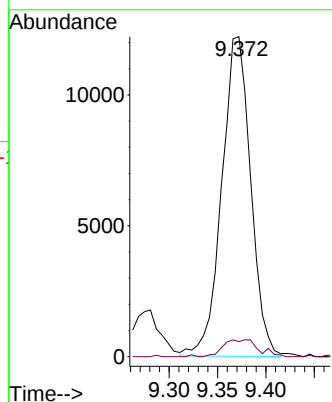
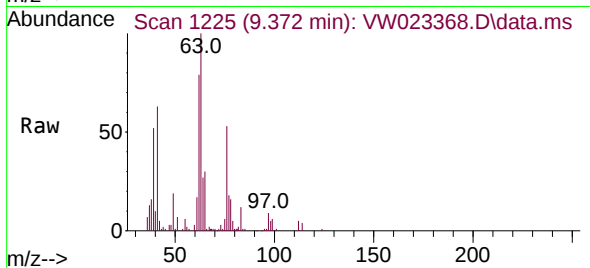
VSTD005408

Tgt Ion: 63 Resp: 25369

Ion Ratio Lower Upper

63 100

112 3.3 4.0 6.0#



#38

Bromodichloromethane

Concen: 5.289 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

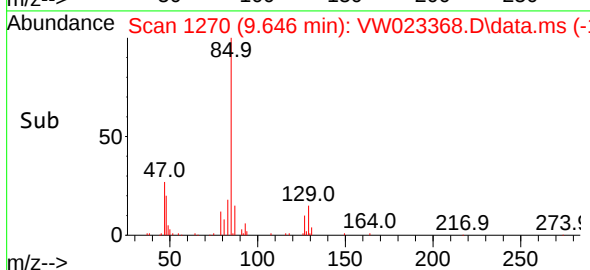
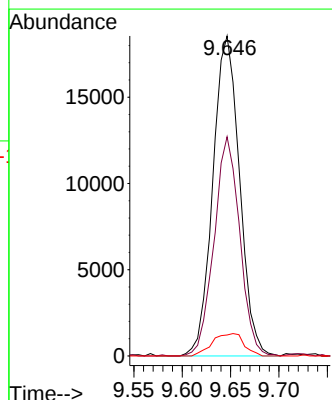
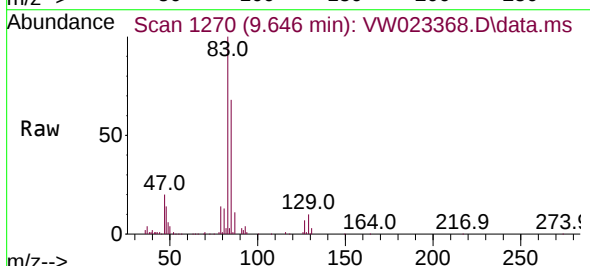
Tgt Ion: 83 Resp: 35592

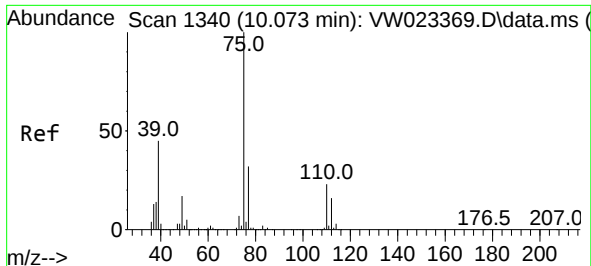
Ion Ratio Lower Upper

83 100

85 68.5 45.8 85.0

127 6.5 7.4 11.0#

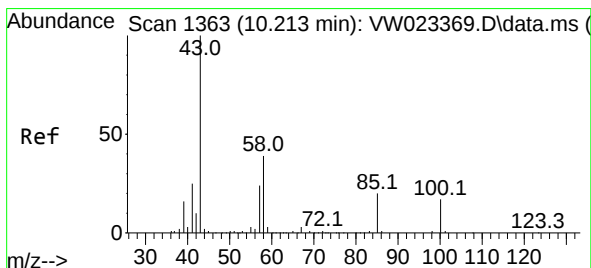
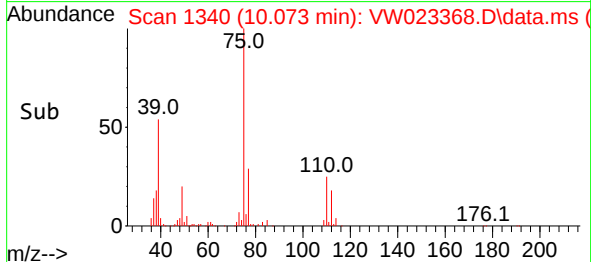
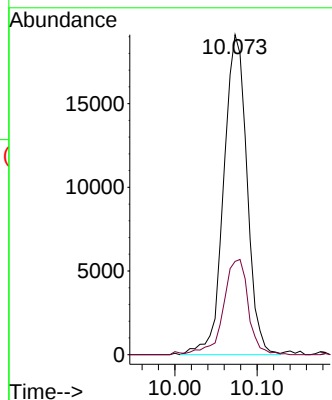
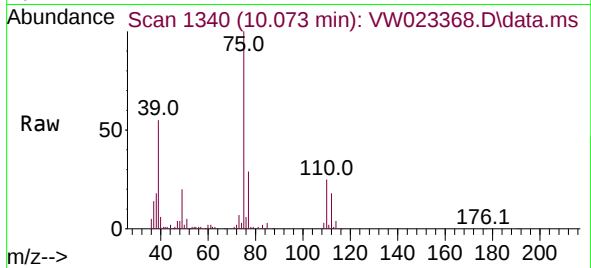




#39
 cis-1,3-Dichloropropene
 Concen: 5.037 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW023368.D
 Acq: 02 Jun 2022 10:47

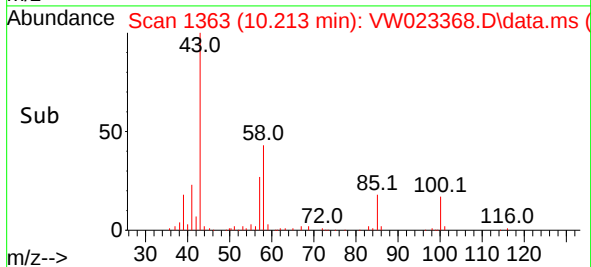
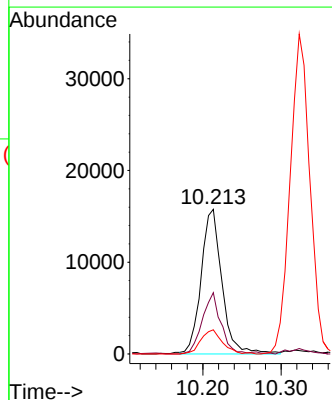
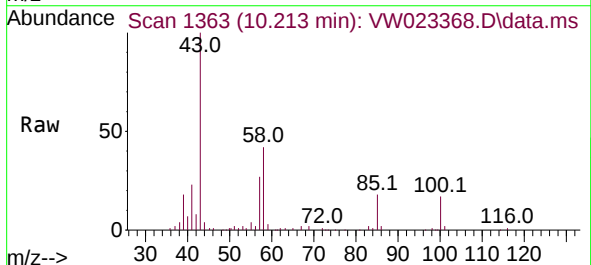
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005408

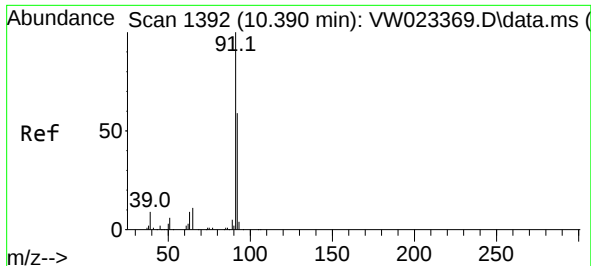
Tgt Ion: 75 Resp: 37610
 Ion Ratio Lower Upper
 75 100
 77 29.2 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 10.831 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.000 min
 Lab File: VW023368.D
 Acq: 02 Jun 2022 10:47

Tgt Ion: 43 Resp: 29180
 Ion Ratio Lower Upper
 43 100
 58 37.5 31.5 47.3
 100 17.0 13.7 20.5

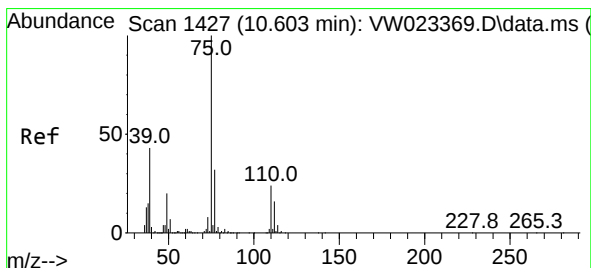
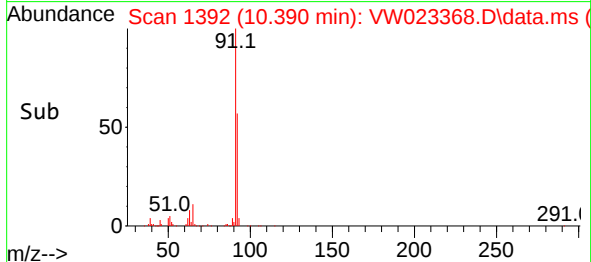
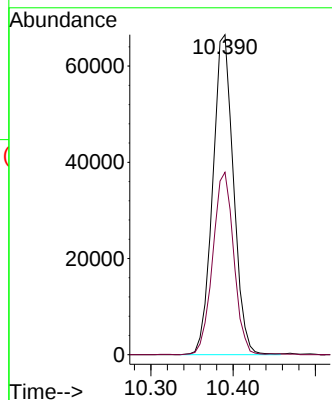
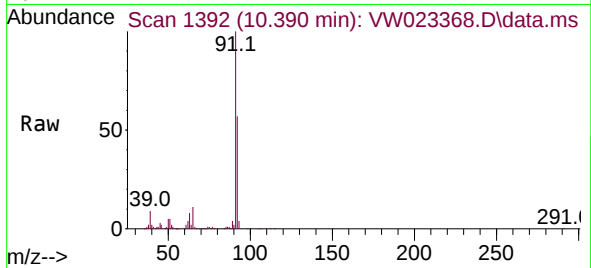




#42
Toluene
Concen: 5.203 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

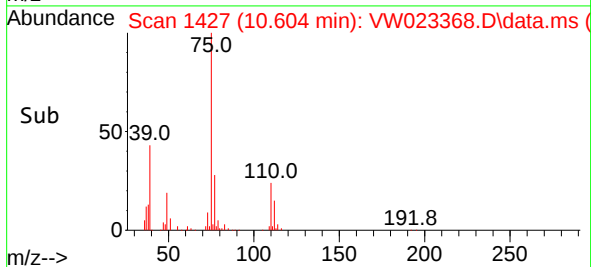
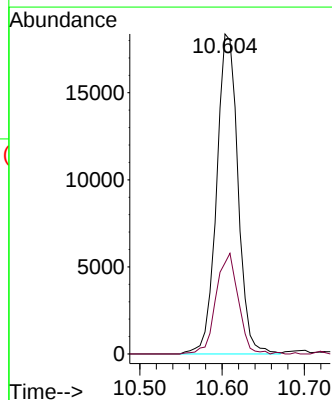
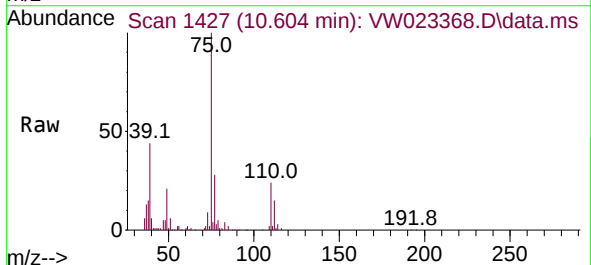
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

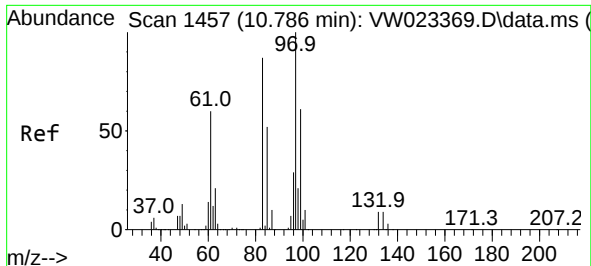
Tgt Ion: 91 Resp: 116640
Ion Ratio Lower Upper
91 100
92 57.0 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 4.976 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 75 Resp: 33247
Ion Ratio Lower Upper
75 100
77 28.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.359 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

Tgt Ion: 97 Resp: 20858

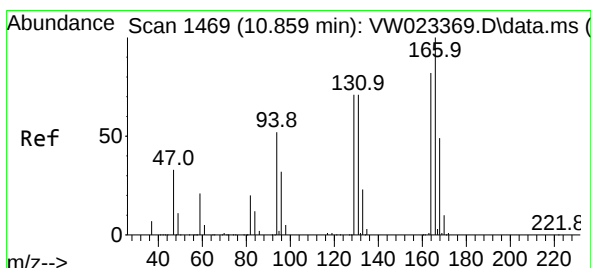
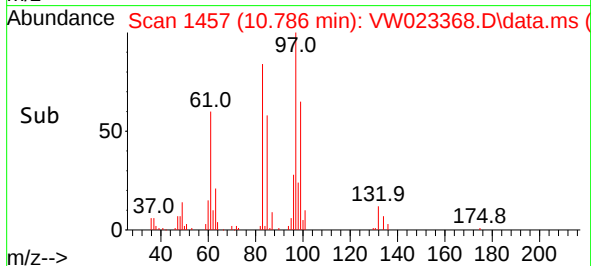
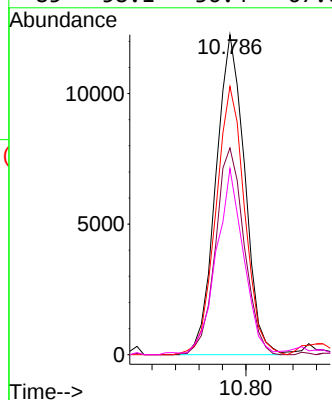
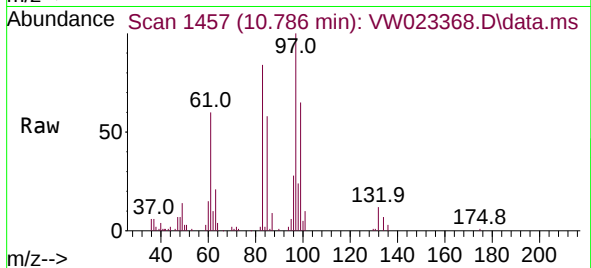
Ion Ratio Lower Upper

97 100

99 64.6 42.6 79.0

83 83.8 61.2 113.8

85 58.1 36.4 67.6



#46

Tetrachloroethene

Concen: 5.025 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

Tgt Ion:164 Resp: 21988

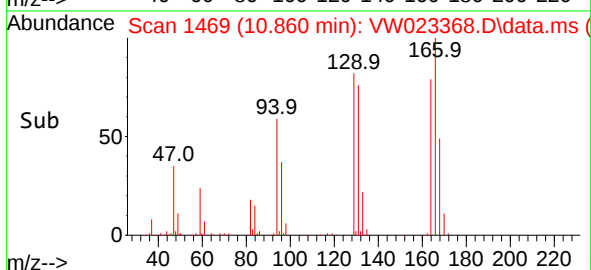
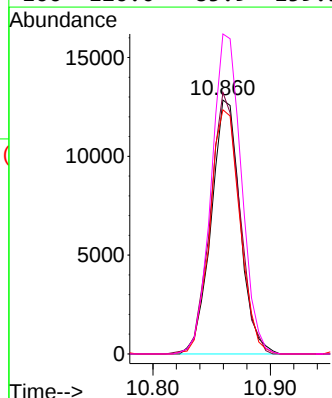
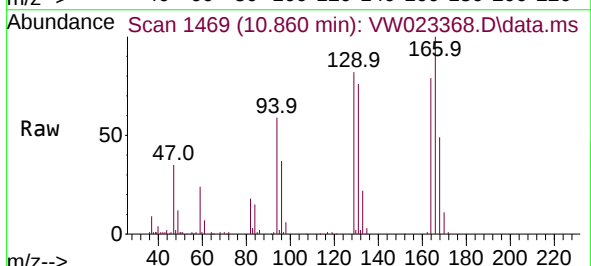
Ion Ratio Lower Upper

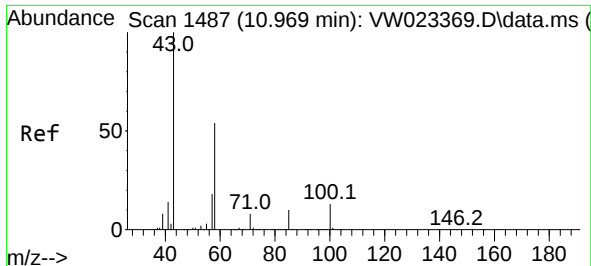
164 100

129 103.0 61.4 114.0

131 96.2 61.0 113.4

166 126.0 85.9 159.5

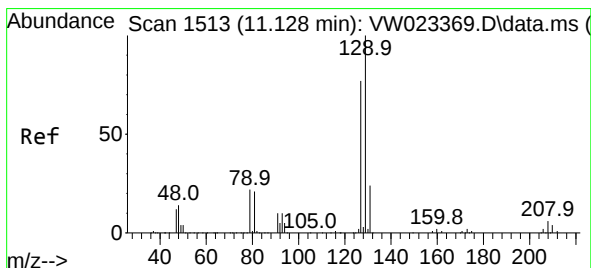
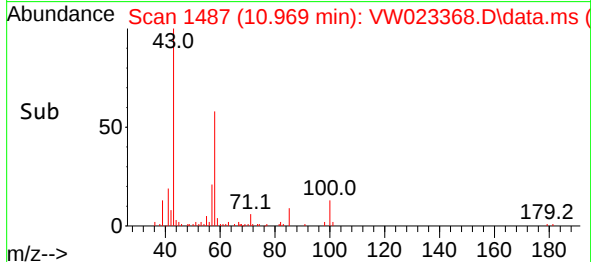
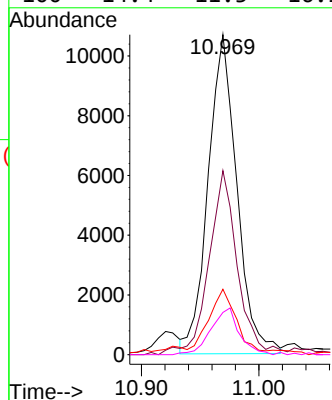
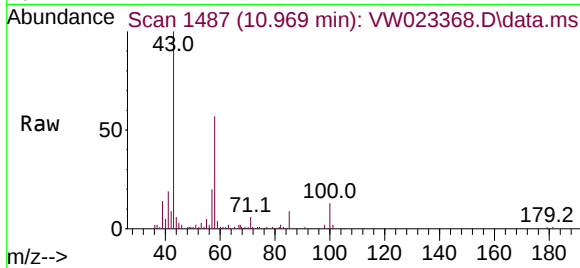




#48
2-Hexanone
Concen: 10.097 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

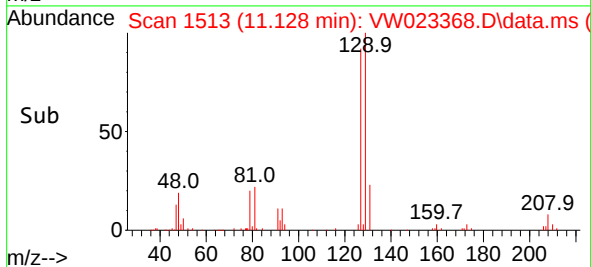
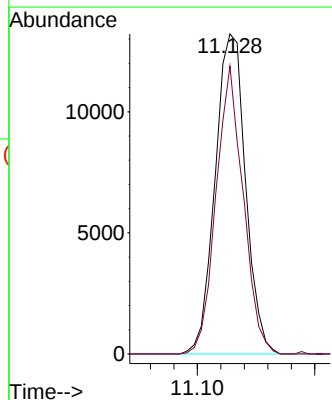
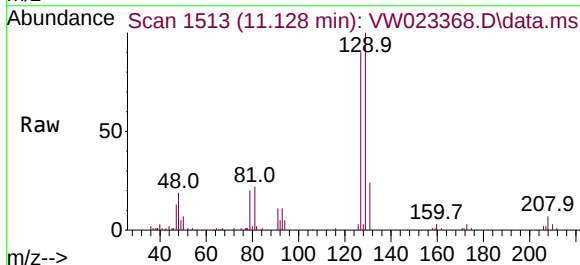
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

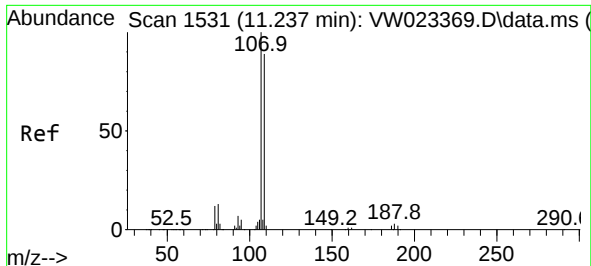
Tgt Ion:	43	Resp:	18183
Ion	Ratio	Lower	Upper
43	100		
58	54.7	44.4	66.6
57	20.2	15.6	23.4
100	14.4	11.3	16.9



#49
Dibromochloromethane
Concen: 4.979 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion:	129	Resp:	23779
Ion	Ratio	Lower	Upper
129	100		
127	90.0	54.2	100.6

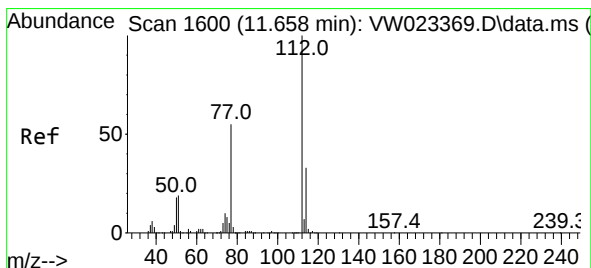
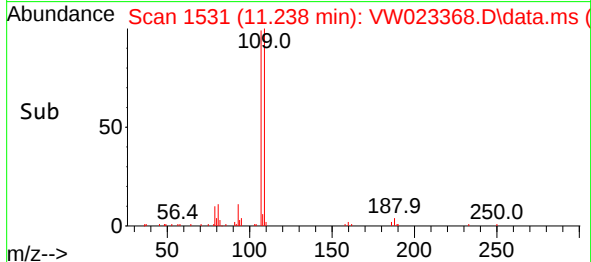
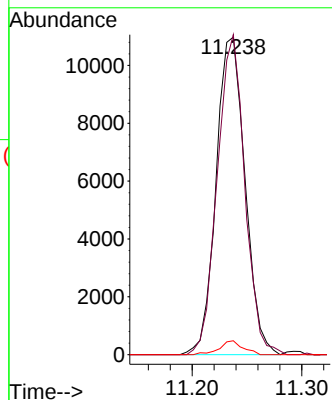
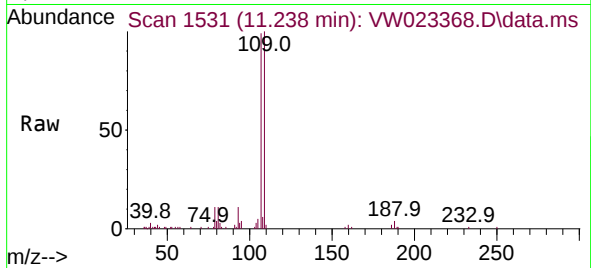




#50
1,2-Dibromoethane
Concen: 5.306 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

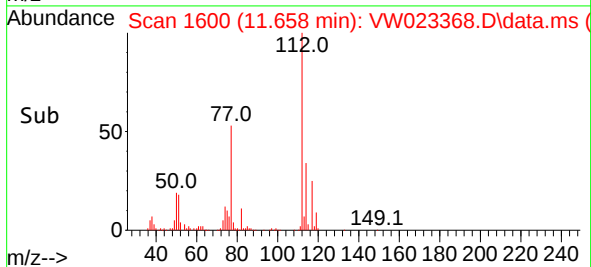
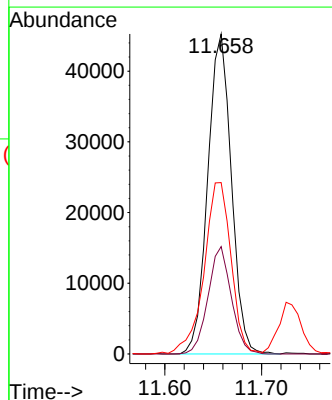
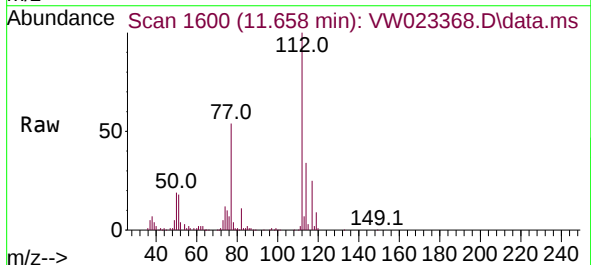
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

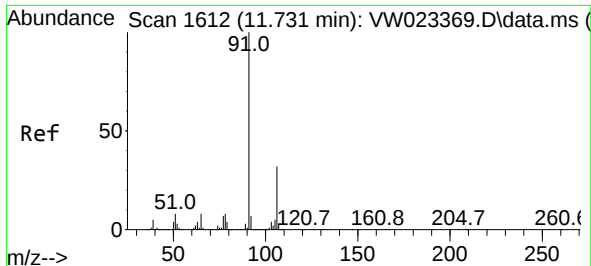
Tgt Ion:107 Resp: 20134
Ion Ratio Lower Upper
107 100
109 100.7 62.4 116.0
188 4.4 2.6 4.0#



#51
Chlorobenzene
Concen: 5.194 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion:112 Resp: 76878
Ion Ratio Lower Upper
112 100
114 33.6 23.2 43.2
77 53.5 43.8 65.6

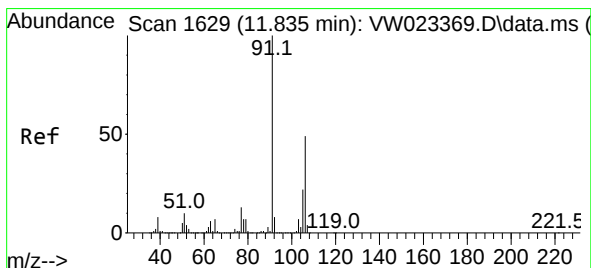
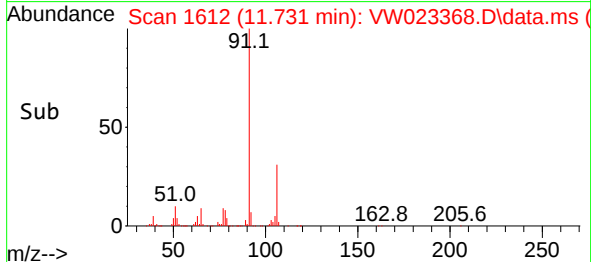
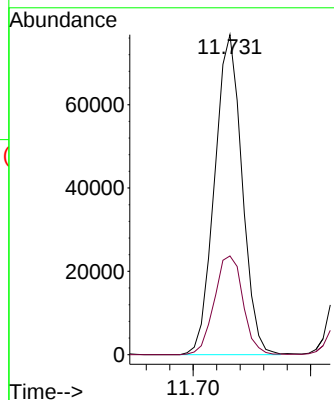
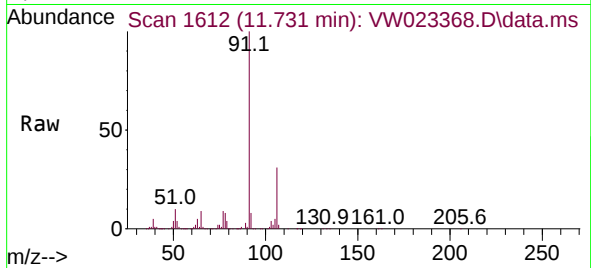




#52
Ethylbenzene
Concen: 5.063 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

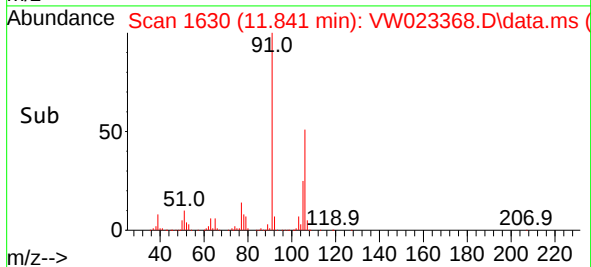
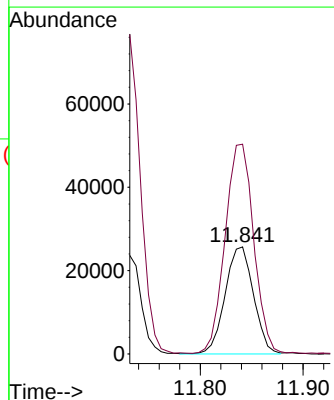
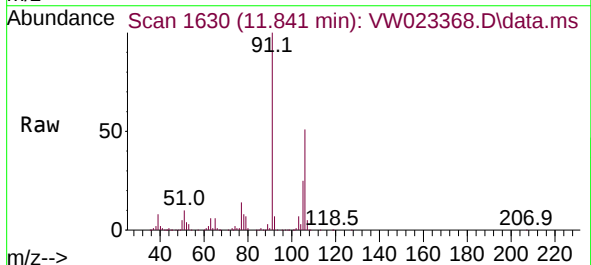
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

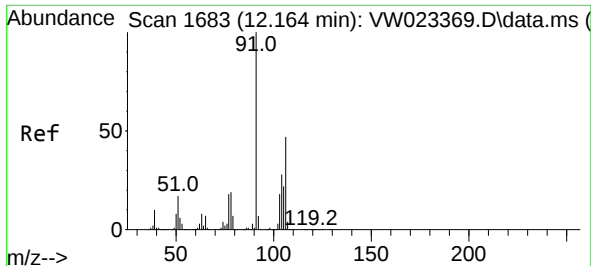
Tgt Ion: 91 Resp: 124639
Ion Ratio Lower Upper
91 100
106 30.8 22.4 41.6



#53
m,p-Xylene
Concen: 5.057 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 106 Resp: 49303
Ion Ratio Lower Upper
106 100
91 195.9 141.7 263.1

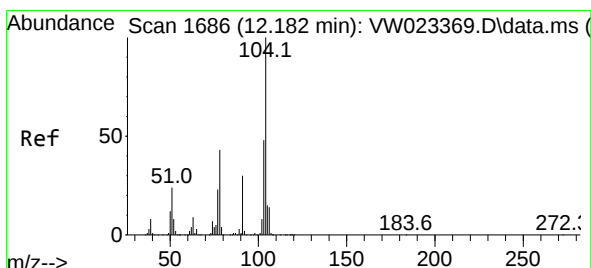
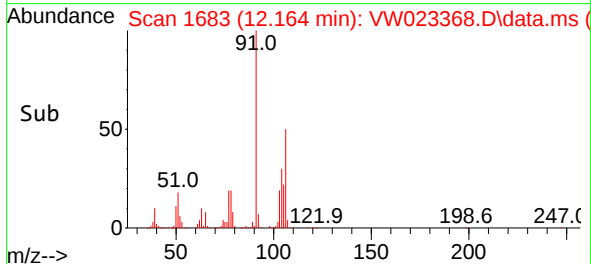
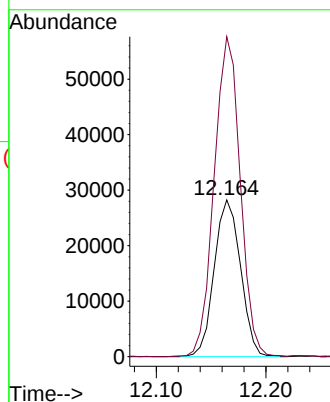
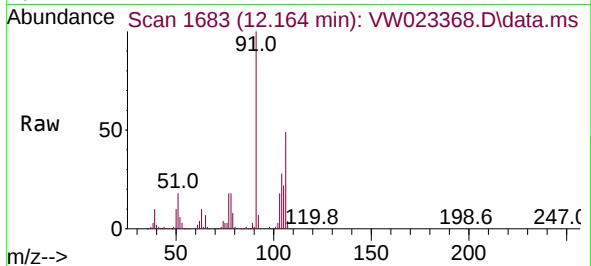




#54
o-Xylene
Concen: 5.052 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

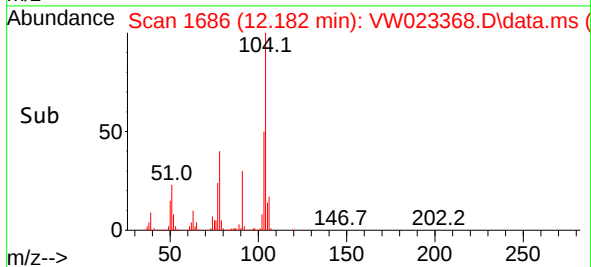
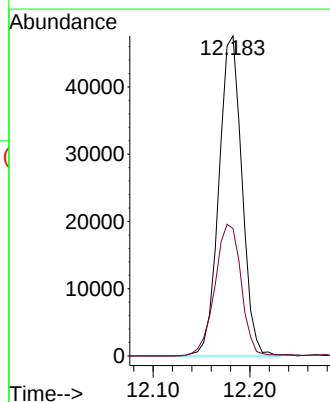
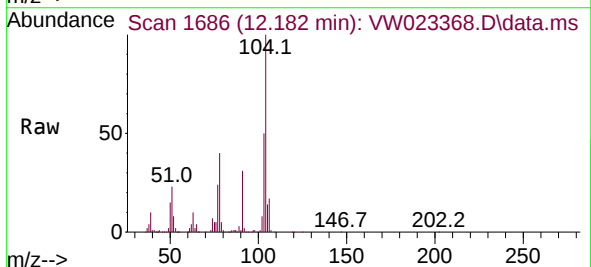
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

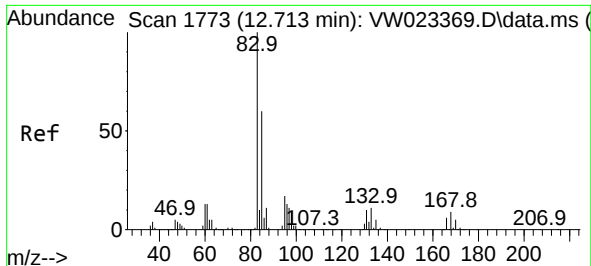
Tgt Ion:106 Resp: 47124
Ion Ratio Lower Upper
106 100
91 204.2 148.0 274.8



#55
Styrene
Concen: 4.955 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion:104 Resp: 78758
Ion Ratio Lower Upper
104 100
78 39.8 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.412 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

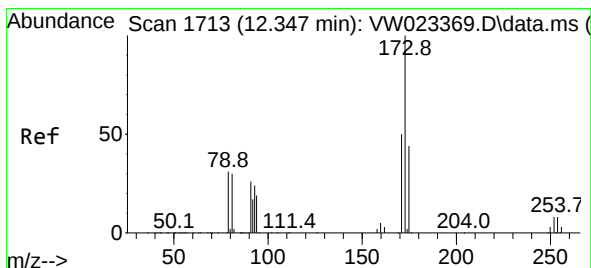
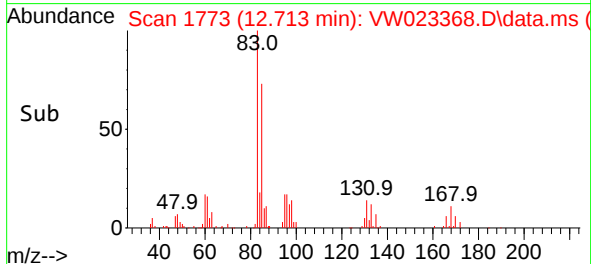
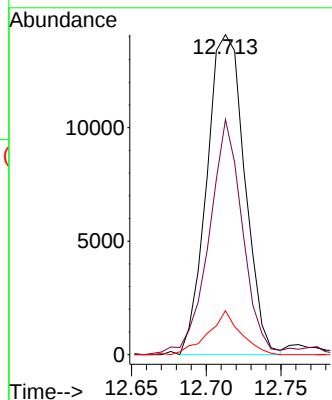
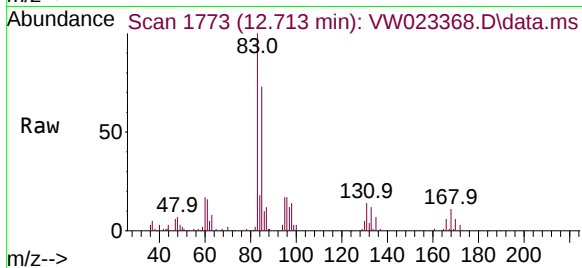
Tgt Ion: 83 Resp: 24881

Ion Ratio Lower Upper

83 100

85 73.5 42.4 78.8

131 13.8 7.8 11.6#



#59

Bromoform

Concen: 4.856 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

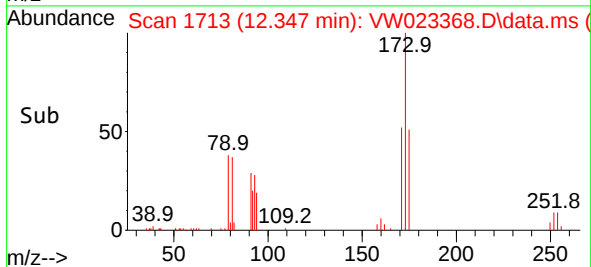
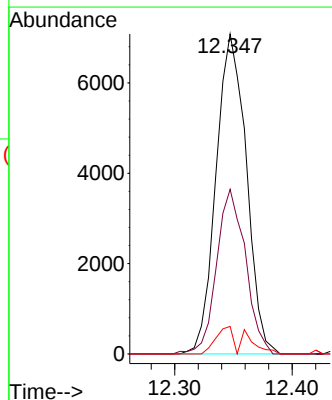
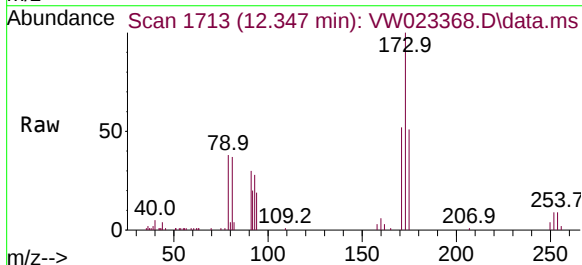
Tgt Ion: 173 Resp: 12693

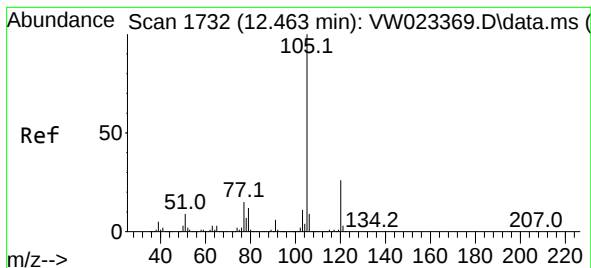
Ion Ratio Lower Upper

173 100

175 49.2 37.9 56.9

254 4.7 7.1 10.7#

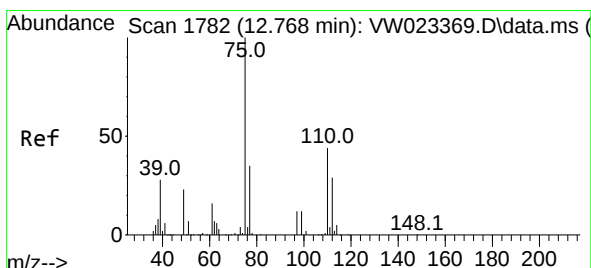
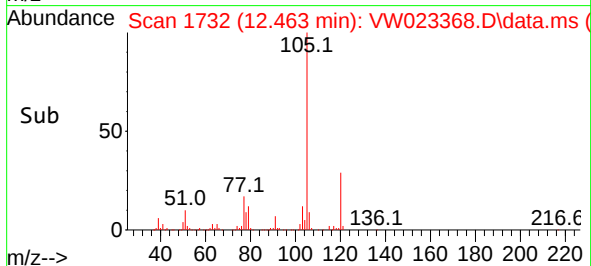
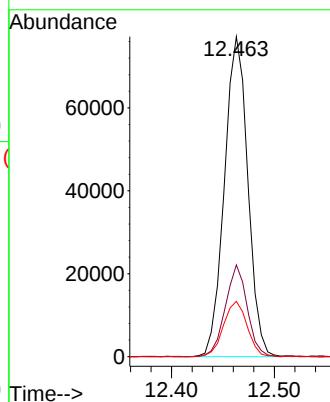
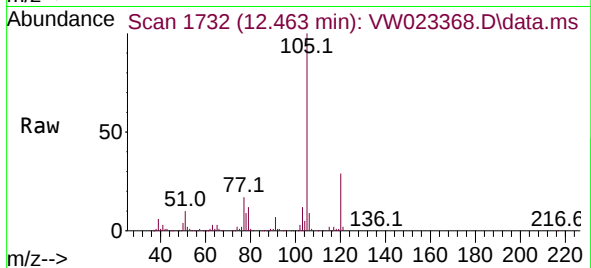




#60
Isopropylbenzene
Concen: 5.000 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

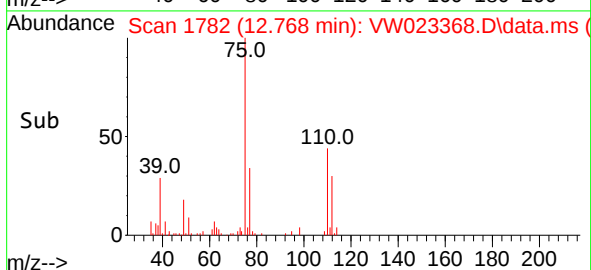
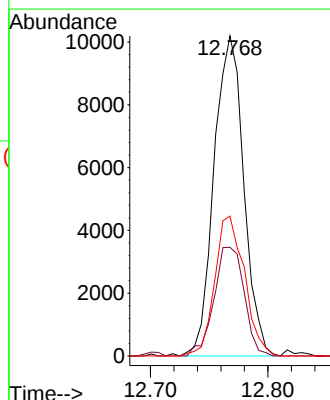
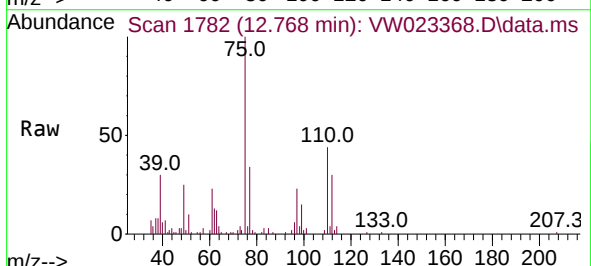
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

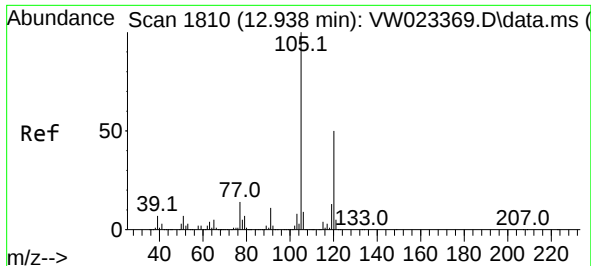
Tgt Ion:105 Resp: 122103
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 17.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.594 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion: 75 Resp: 17903
Ion Ratio Lower Upper
75 100
77 34.5 26.2 39.2
110 43.7 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.853 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

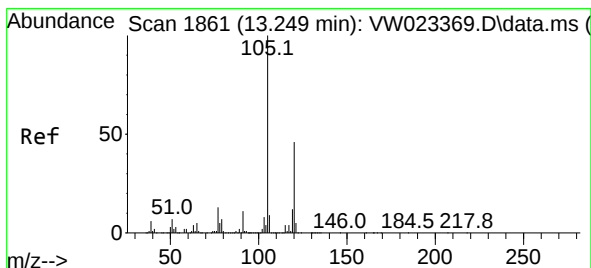
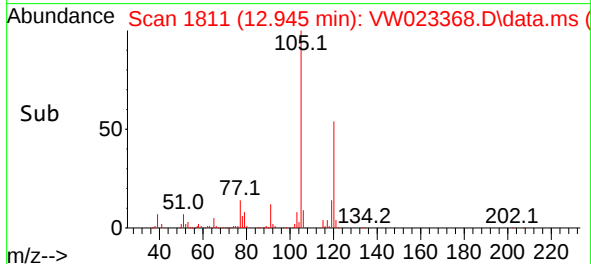
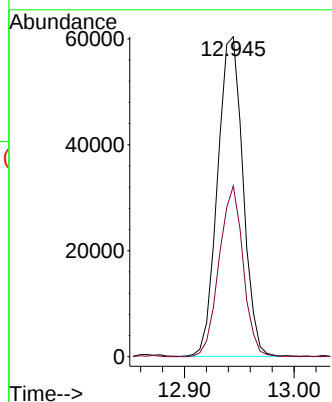
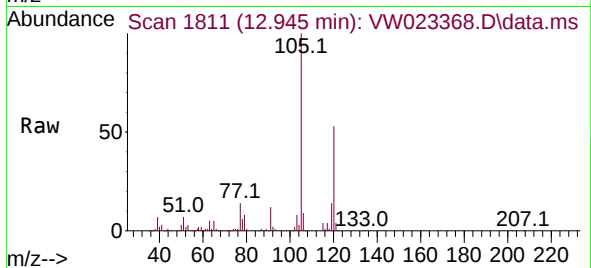
VSTD005408

Tgt Ion:105 Resp: 97103

Ion Ratio Lower Upper

105 100

120 50.5 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.873 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023368.D

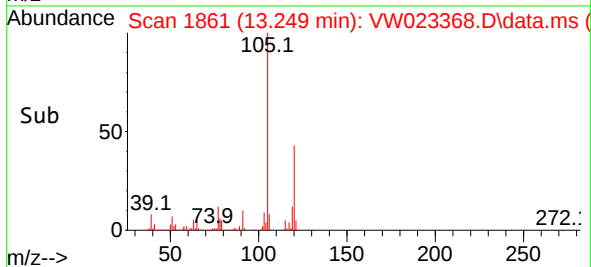
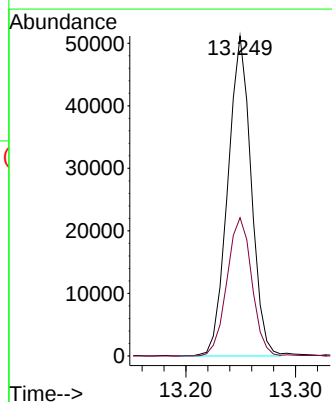
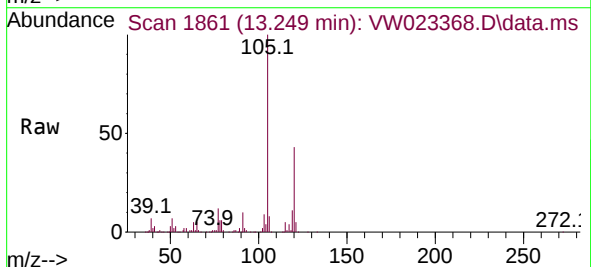
Acq: 02 Jun 2022 10:47

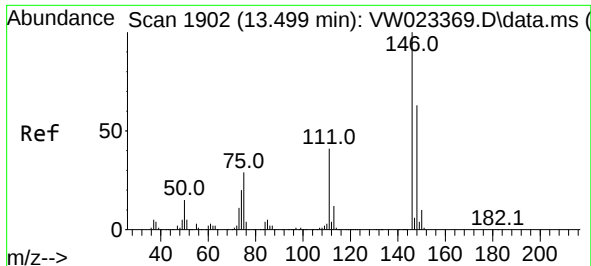
Tgt Ion:105 Resp: 75699

Ion Ratio Lower Upper

105 100

120 45.8 37.2 55.8

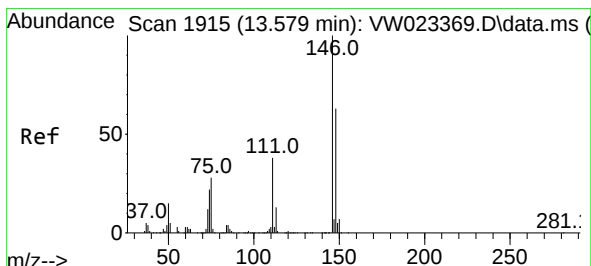
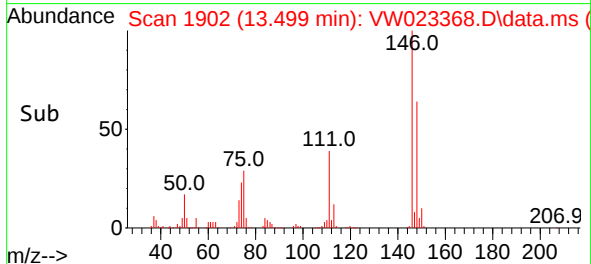
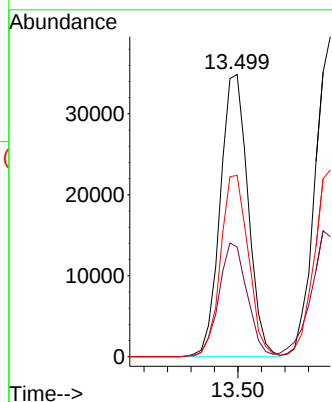
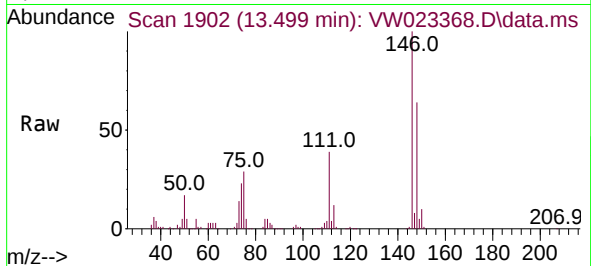




#64
1,3-Dichlorobenzene
Concen: 5.169 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

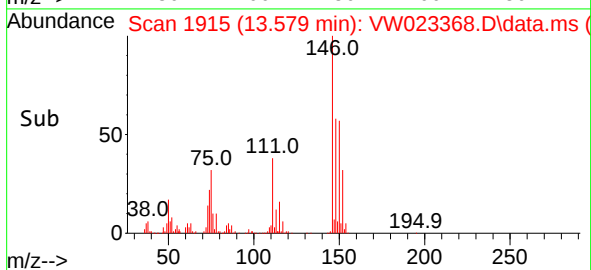
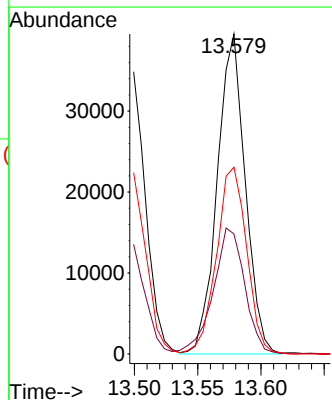
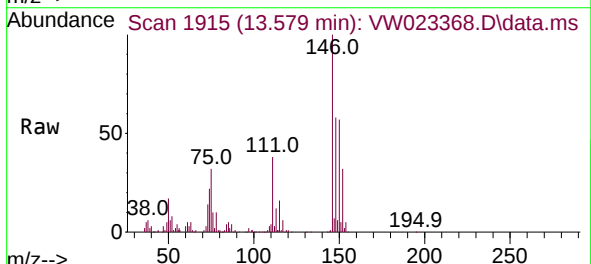
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

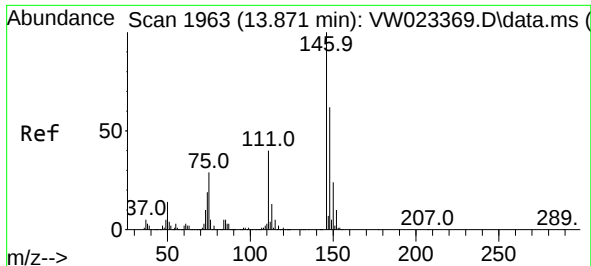
Tgt Ion:146 Resp: 57379
Ion Ratio Lower Upper
146 100
111 38.8 28.7 53.3
148 64.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.359 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion:146 Resp: 60814
Ion Ratio Lower Upper
146 100
111 37.5 26.9 49.9
148 58.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.183 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD005408

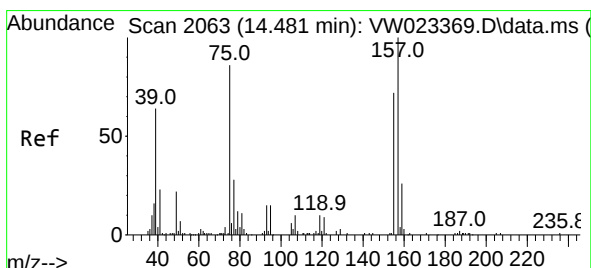
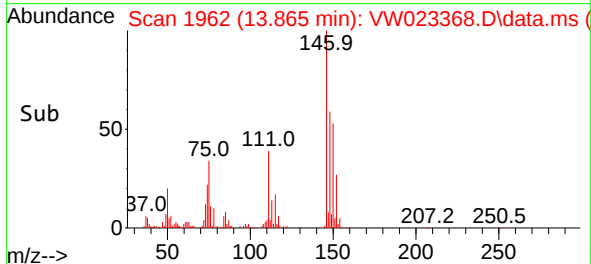
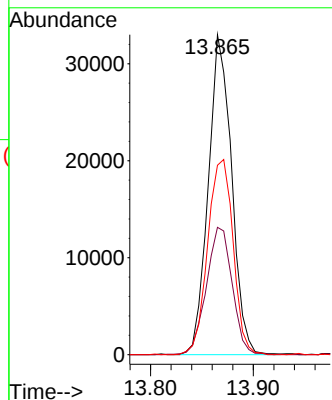
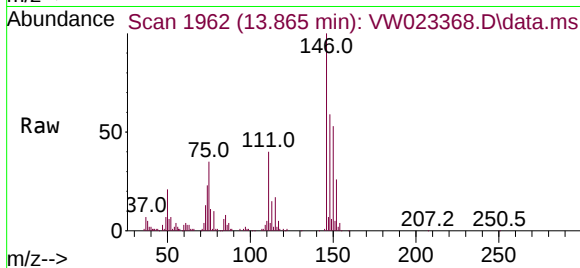
Tgt Ion:146 Resp: 52011

Ion Ratio Lower Upper

146 100

111 39.8 31.7 47.5

148 59.2 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.294 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023368.D

Acq: 02 Jun 2022 10:47

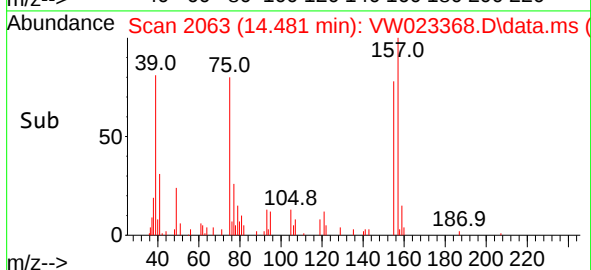
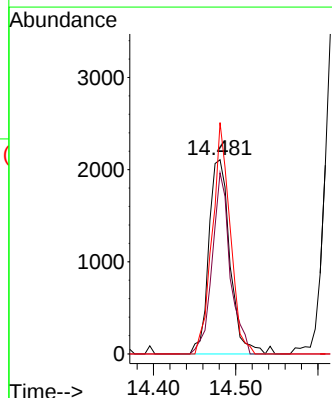
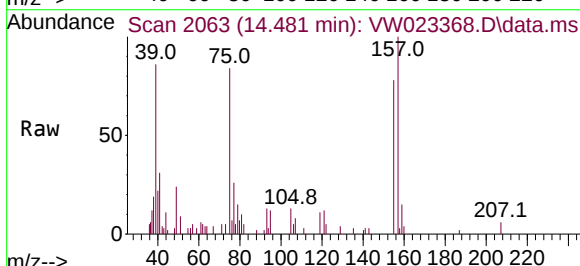
Tgt Ion: 75 Resp: 3774

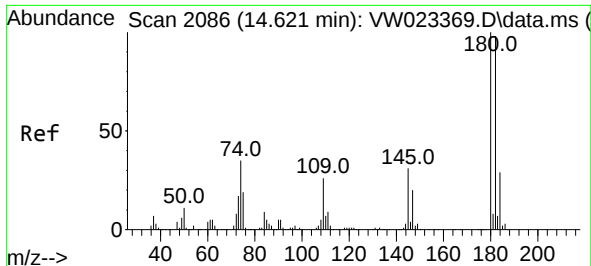
Ion Ratio Lower Upper

75 100

155 93.3 66.7 100.1

157 119.1 92.6 139.0

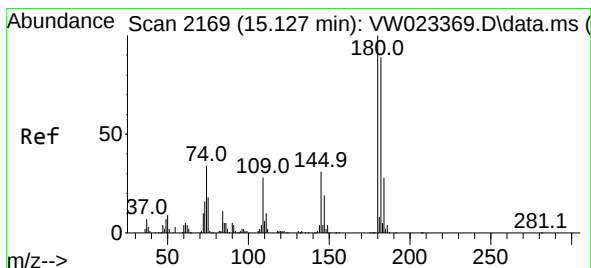
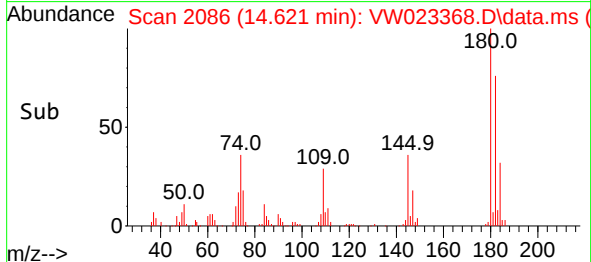
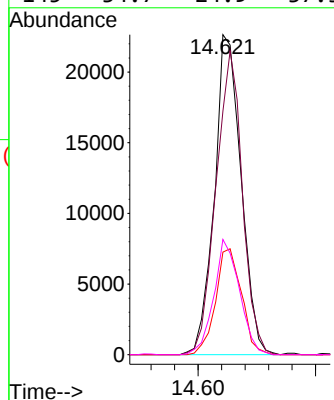
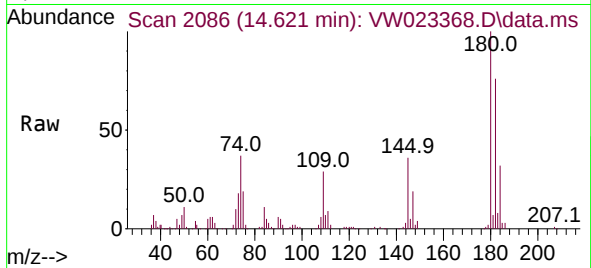




#69
1,3,5-Trichlorobenzene
Concen: 4.877 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

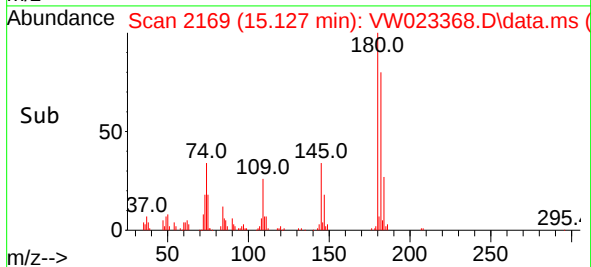
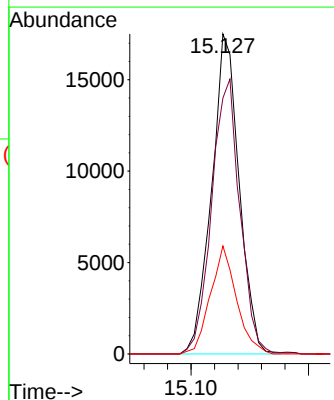
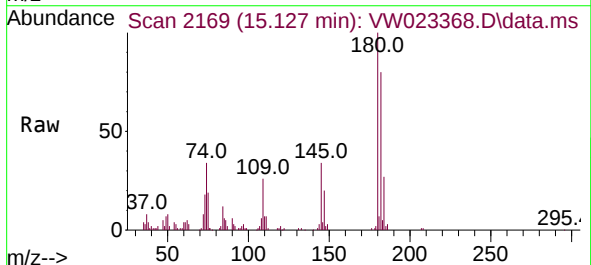
Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

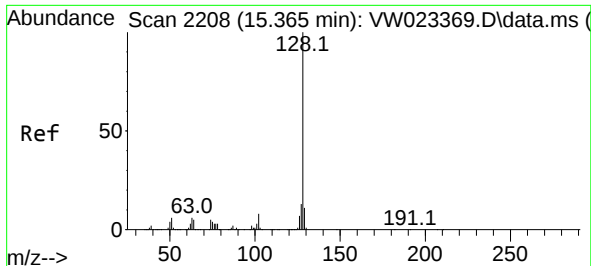
Tgt Ion:	180	Resp:	35756
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.6	115.0
184	32.2	23.4	35.2
145	34.7	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 4.897 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion:	180	Resp:	28524
Ion Ratio	Lower	Upper	
180	100		
182	87.8	75.0	112.6
145	32.0	25.7	38.5

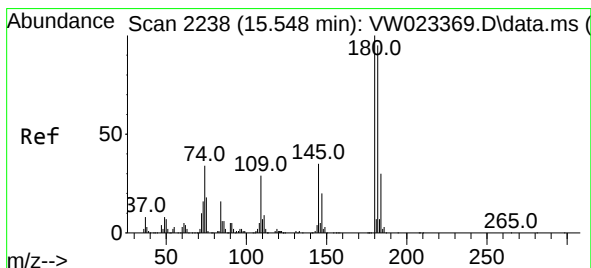
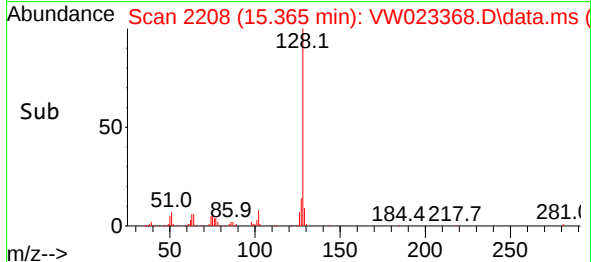
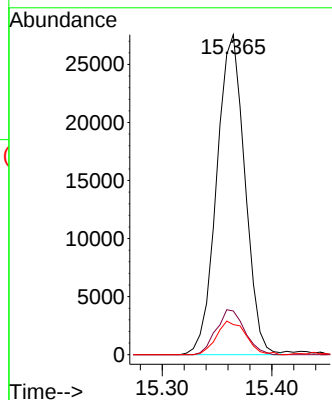
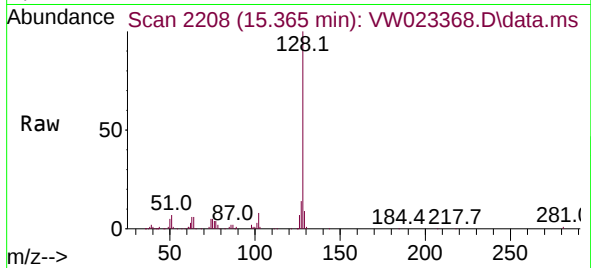




#71
Naphthalene
Concen: 4.488 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD005408

Tgt Ion:128 Resp: 49223
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 5.055 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023368.D
Acq: 02 Jun 2022 10:47

Tgt Ion:180 Resp: 25486
Ion Ratio Lower Upper
180 100
182 90.6 74.6 112.0
145 35.3 28.0 42.0

