

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023523.D
 Acq On : 28 Jun 2022 10:31
 Operator : SY/VA
 Sample : VSTD02529
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025429

Quant Time: Jun 29 01:33:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 01:31:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	361742	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	340162	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	183726	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	93702	20.187	ug/L	0.00
7) Chloroethane-d5	2.885	69	81389	23.131	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.032	63	165711	22.683	ug/L	0.00
21) 2-Butanone-d5	7.080	46	47253	43.242	ug/L	0.00
24) Chloroform-d	7.647	84	215240	23.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	108268	22.142	ug/L	0.00
32) Benzene-d6	8.275	84	386566	22.986	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	115192	22.974	ug/L	0.00
41) Toluene-d8	10.323	98	389856	23.716	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	51854	22.847	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	36632	45.576	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	104890	22.712	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	149672	23.449	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	42044	25.534	ug/L	94
3) Chloromethane	2.221	50	122512	27.749	ug/L	100
5) Vinyl chloride	2.361	62	179071	26.795	ug/L	100
6) Bromomethane	2.782	94	103415	27.218	ug/L	100
8) Chloroethane	2.922	64	95973	27.398	ug/L	100
9) Trichlorofluoromethane	3.263	101	89070	25.442	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	123909	25.864	ug/L	100
12) 1,1-Dichloroethene	4.044	96	106979	25.817	ug/L	100
13) Acetone	4.123	43	33000	42.680	ug/L	100
14) Carbon disulfide	4.391	76	357668	27.514	ug/L	100
15) Methyl Acetate	4.672	43	41501	22.989	ug/L	100
16) Methylene chloride	4.922	84	121675	22.507	ug/L	100
17) trans-1,2-Dichloroethene	5.434	96	124634	25.580	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	176389	25.325	ug/L	100
19) 1,1-Dichloroethane	6.220	63	210301	25.607	ug/L	100
20) cis-1,2-Dichloroethene	7.177	96	130751	25.479	ug/L	100
22) 2-Butanone	7.171	43	55427	42.841	ug/L	100
23) Bromochloromethane	7.513	128	59592	24.546	ug/L	100
25) Chloroform	7.677	83	233583	25.250	ug/L	100
27) 1,2-Dichloroethane	8.403	62	148108	24.899	ug/L	100
29) Cyclohexane	7.958	56	190260	27.479	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	210124	26.180	ug/L	100
31) Carbon tetrachloride	8.067	117	192036	26.055	ug/L	100
33) Benzene	8.323	78	508922	26.070	ug/L	100
34) Trichloroethene	9.092	95	138629	25.776	ug/L	100
35) Methylcyclohexane	9.335	83	232406	27.166	ug/L	100
37) 1,2-Dichloropropane	9.372	63	121368	26.177	ug/L	100
38) Bromodichloromethane	9.646	83	169460	25.486	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	185849	26.112	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	124306	47.651	ug/L	100
42) Toluene	10.390	91	571250	26.598	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	164256	26.140	ug/L	100

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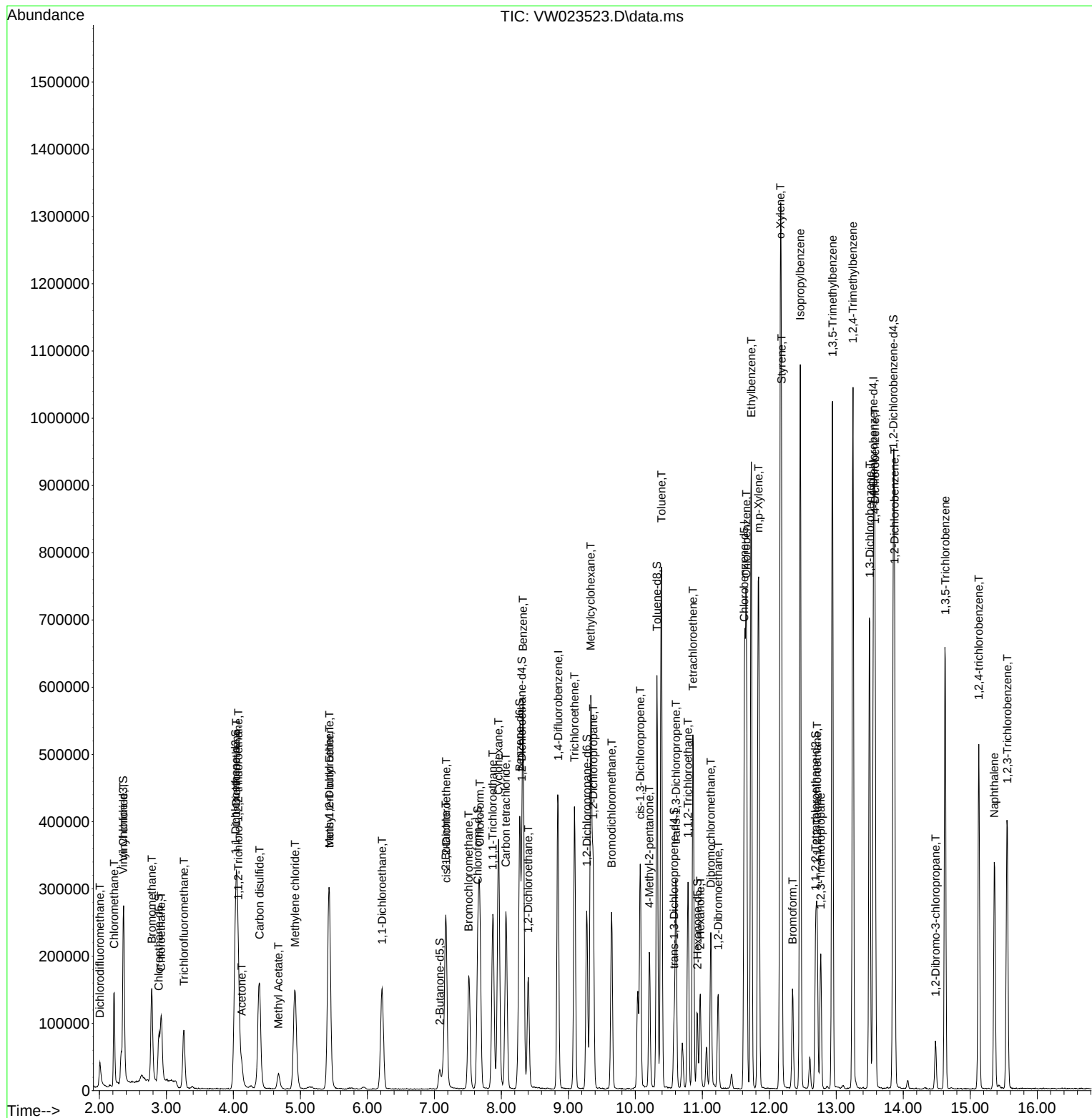
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	92316	24.405	ug/L	100
46) Tetrachloroethene	10.860	164	109981	25.907	ug/L	100
48) 2-Hexanone	10.969	43	84067	47.912	ug/L	100
49) Dibromochloromethane	11.128	129	114184	24.759	ug/L	100
50) 1,2-Dibromoethane	11.238	107	92536	25.150	ug/L	100
51) Chlorobenzene	11.658	112	372915	25.575	ug/L	100
52) Ethylbenzene	11.731	91	644794	26.951	ug/L	100
53) m,p-Xylene	11.841	106	255749	27.047	ug/L	100
54) o-Xylene	12.164	106	238993	27.187	ug/L	100
55) Styrene	12.182	104	417073	27.400	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	112501	24.650	ug/L	100
59) Bromoform	12.347	173	61564	24.052	ug/L	100
60) Isopropylbenzene	12.463	105	655485	26.072	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	78606	23.058	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	546388	26.515	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	543725	26.744	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	292178	25.244	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	293583	24.708	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	264878	25.383	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	17236	22.020	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	192329	25.369	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	151190	25.843	ug/L	100
71) Naphthalene	15.359	128	284542	25.637	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	122895	24.300	ug/L	100

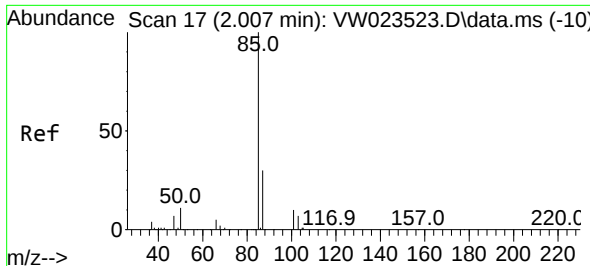
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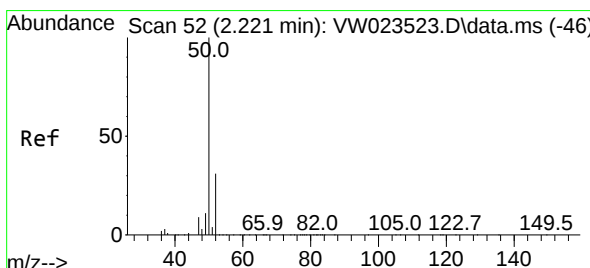
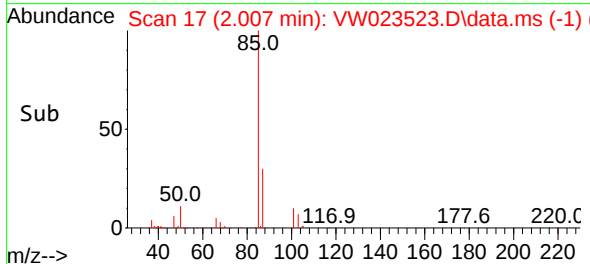
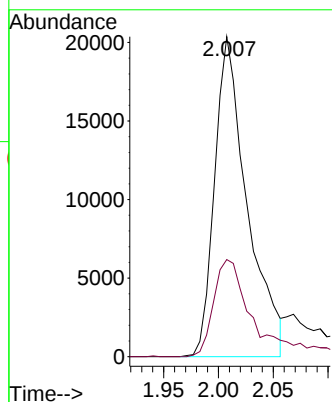
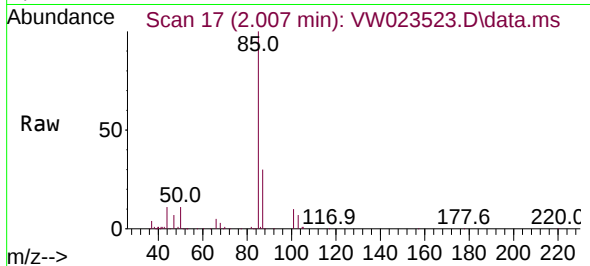




#2
 Dichlorodifluoromethane
 Concen: 25.534 ug/L
 RT: 2.007 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VW023523.D
 Acq: 28 Jun 2022 10:31

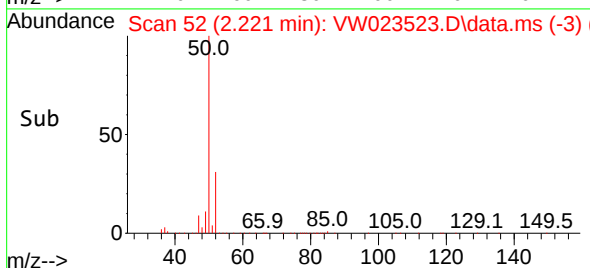
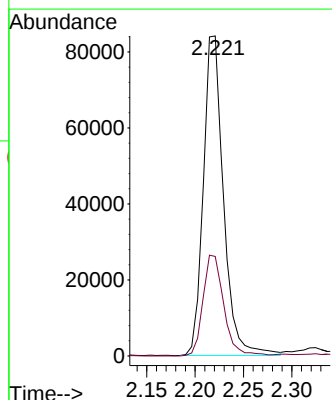
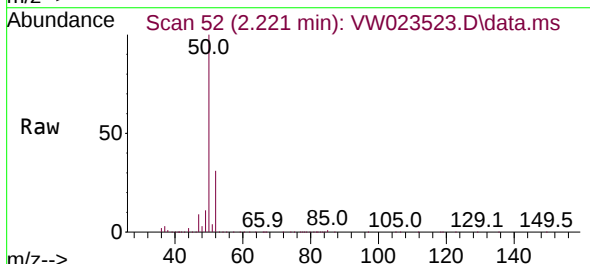
Instrument :
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 ClientSampleId :
 VSTD025429

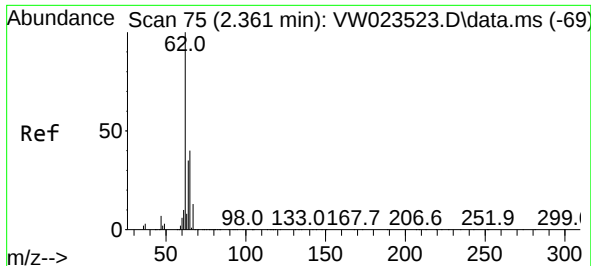
Tgt Ion: 85 Resp: 42044
 Ion Ratio Lower Upper
 85 100
 87 29.4 21.0 31.4



#3
 Chloromethane
 Concen: 27.749 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW023523.D
 Acq: 28 Jun 2022 10:31

Tgt Ion: 50 Resp: 122512
 Ion Ratio Lower Upper
 50 100
 52 31.1 21.8 40.4

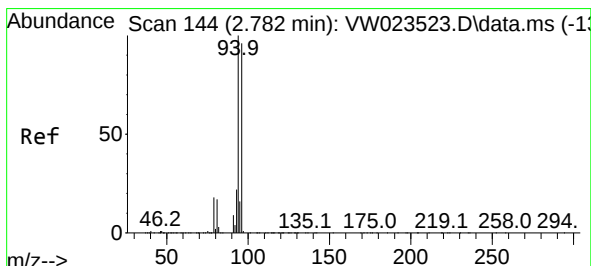
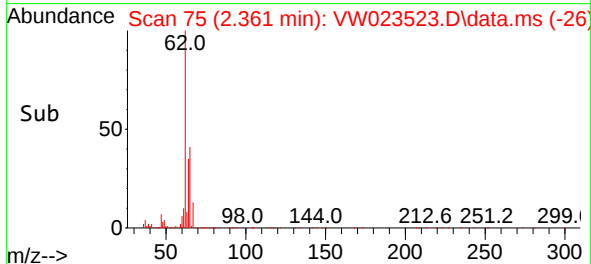
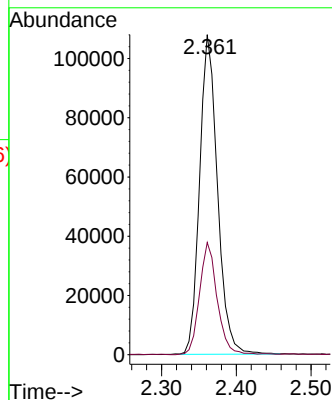
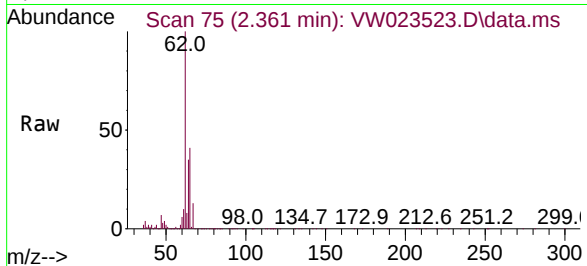




#5
 Vinyl chloride
 Concen: 26.795 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023523.D
 Acq: 28 Jun 2022 10:31

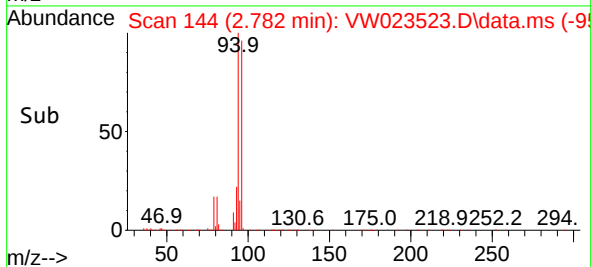
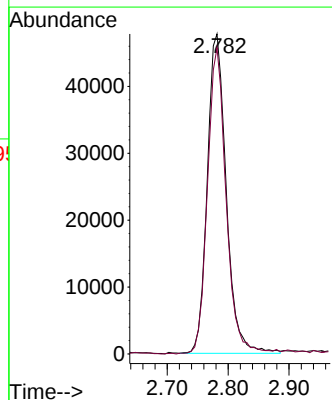
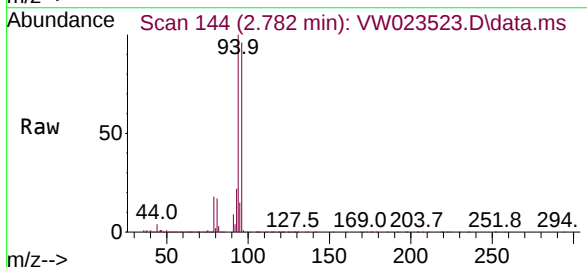
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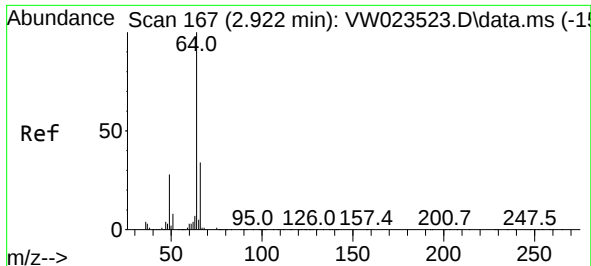
Tgt Ion: 62 Resp: 179071
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.6 45.6



#6
 Bromomethane
 Concen: 27.218 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW023523.D
 Acq: 28 Jun 2022 10:31

Tgt Ion: 94 Resp: 103415
 Ion Ratio Lower Upper
 94 100
 96 95.7 67.0 124.4

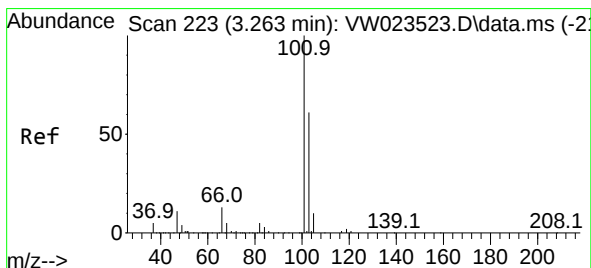
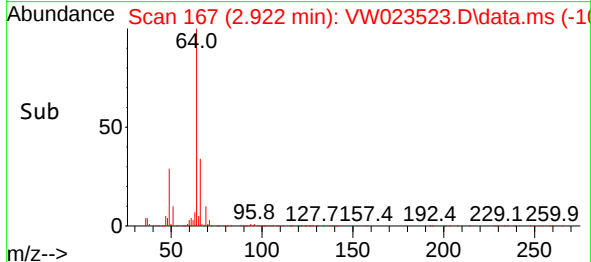
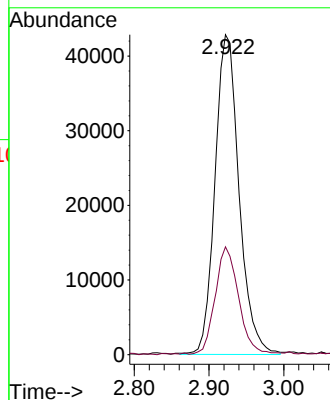
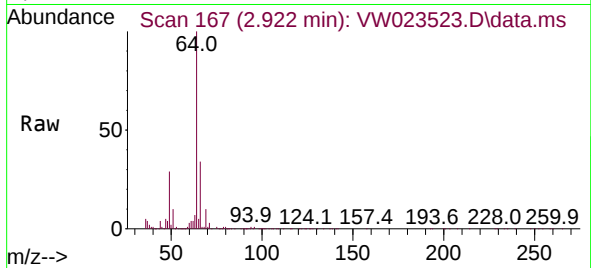




#8
Chloroethane
Concen: 27.398 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

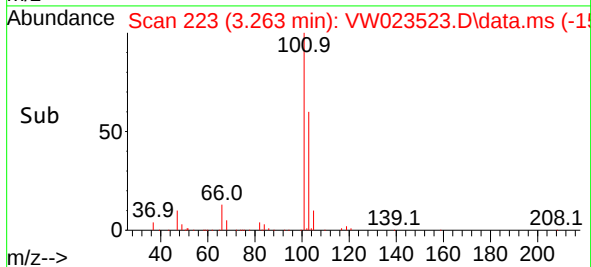
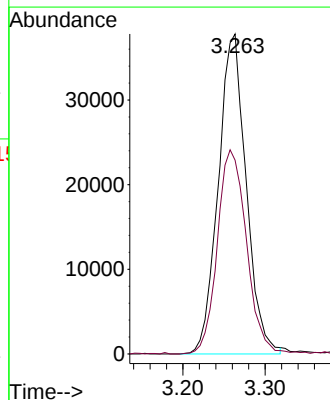
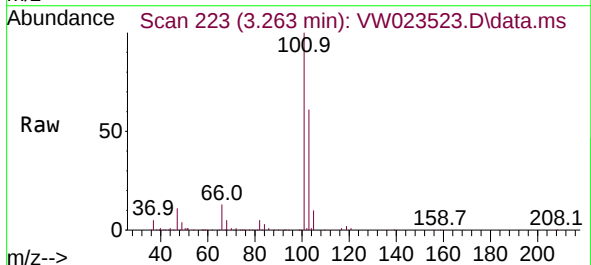
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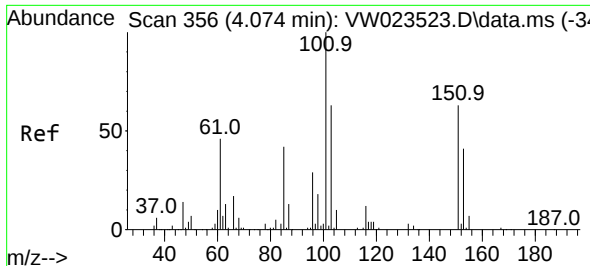
Tgt Ion: 64 Resp: 95973
Ion Ratio Lower Upper
64 100
66 33.7 23.6 43.8



#9
Trichlorofluoromethane
Concen: 25.442 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 101 Resp: 89070
Ion Ratio Lower Upper
101 100
103 66.4 53.1 79.7

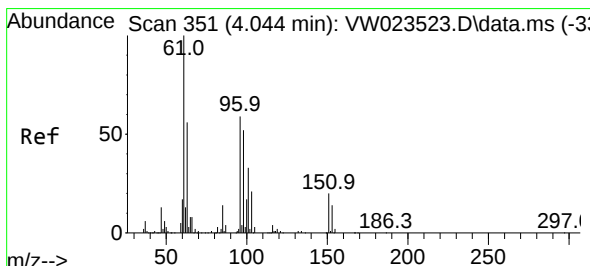
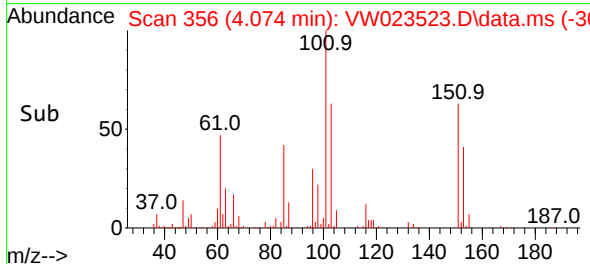
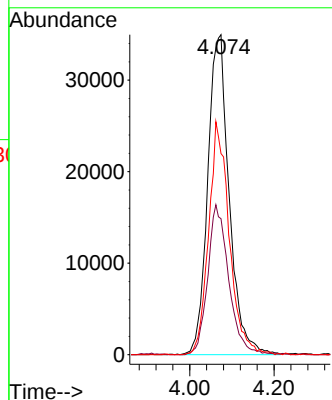
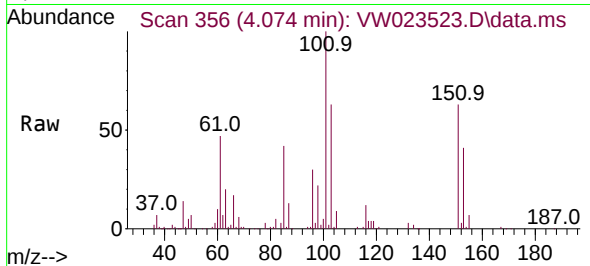




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.864 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW023523.D
 Acq: 28 Jun 2022 10:31

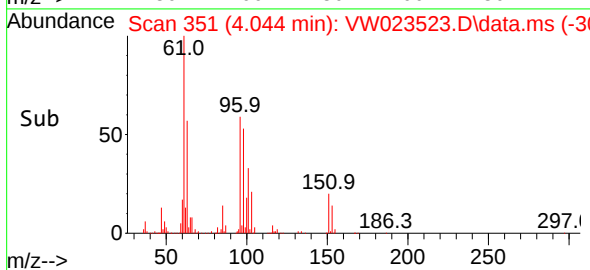
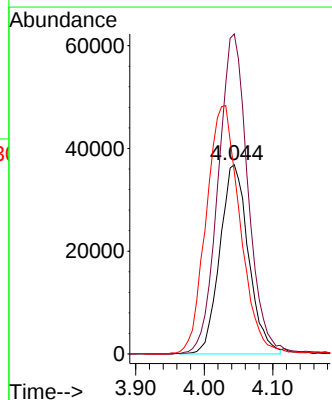
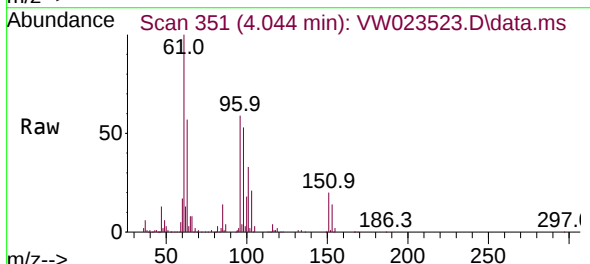
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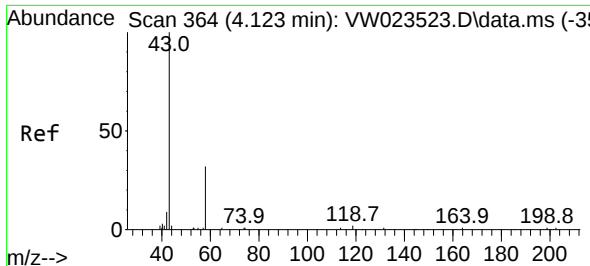
Tgt Ion:101 Resp: 123909
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.4 54.6
 151 69.2 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 25.817 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW023523.D
 Acq: 28 Jun 2022 10:31

Tgt Ion: 96 Resp: 106979
 Ion Ratio Lower Upper
 96 100
 61 169.1 118.4 219.8
 63 96.3 67.4 125.2

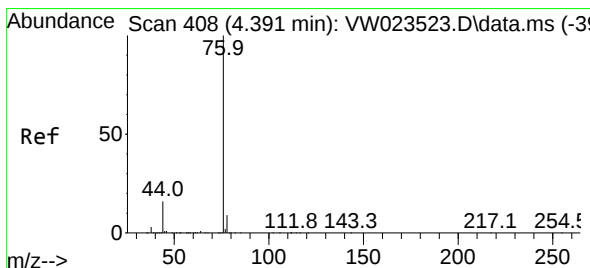
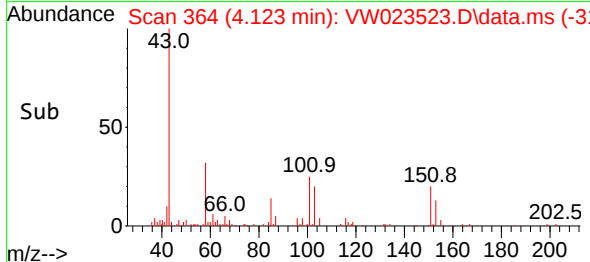
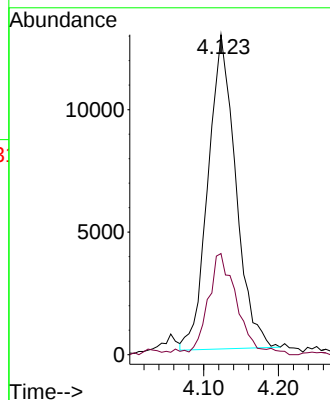
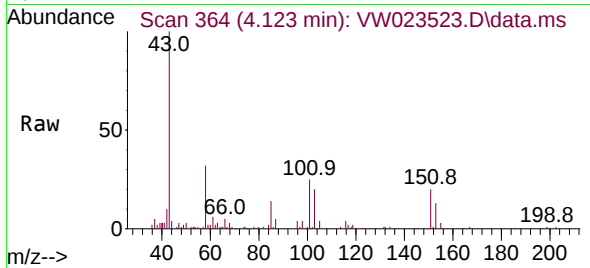




#13
Acetone
Concen: 42.680 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

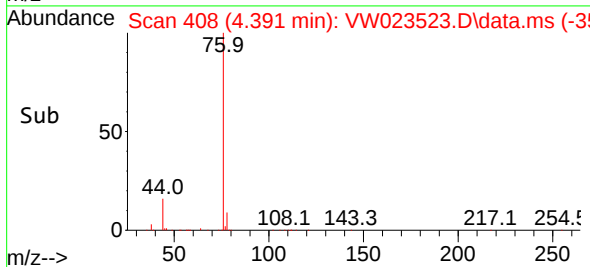
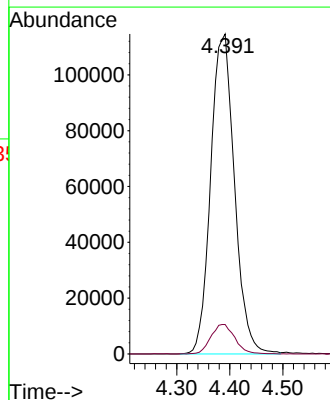
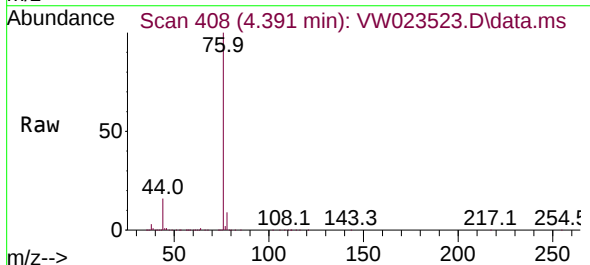
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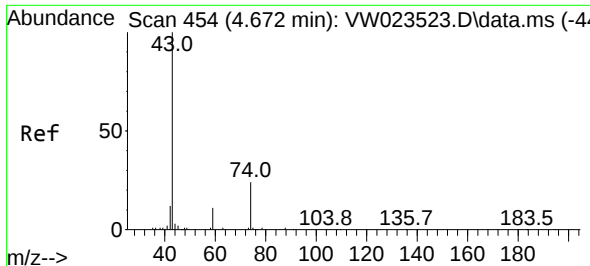
Tgt Ion: 43 Resp: 33000
Ion Ratio Lower Upper
43 100
58 31.6 0.0 63.2



#14
Carbon disulfide
Concen: 27.514 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 76 Resp: 357668
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

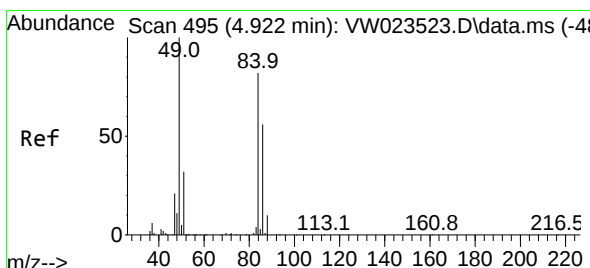
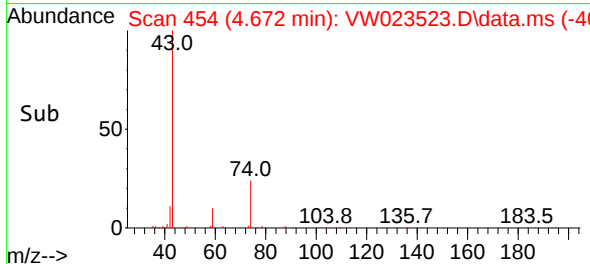
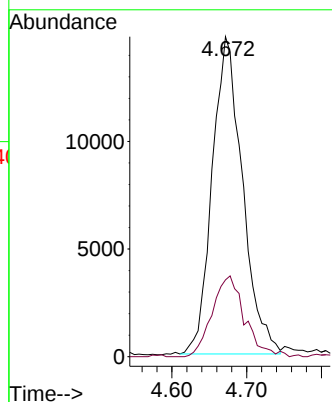
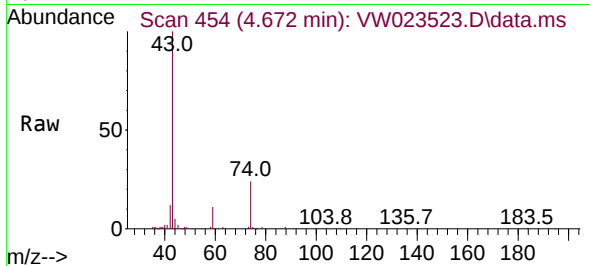




#15
Methyl Acetate
Concen: 22.989 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

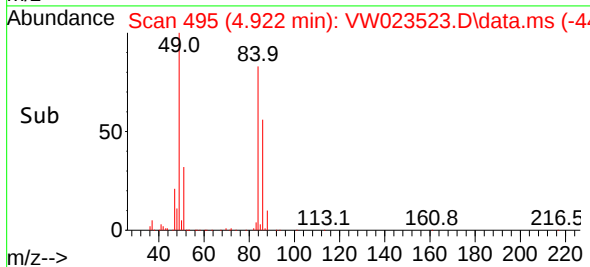
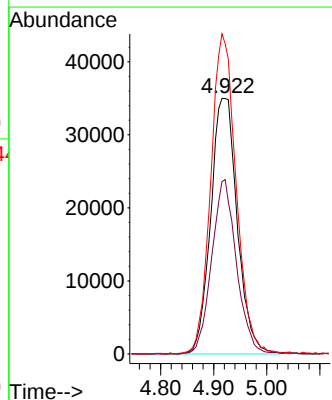
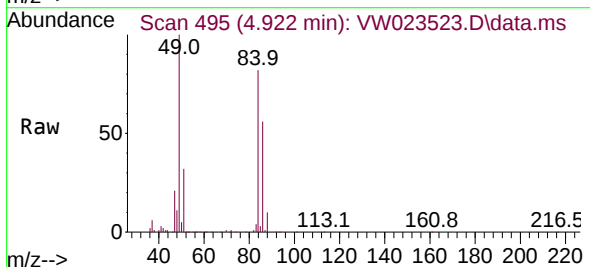
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

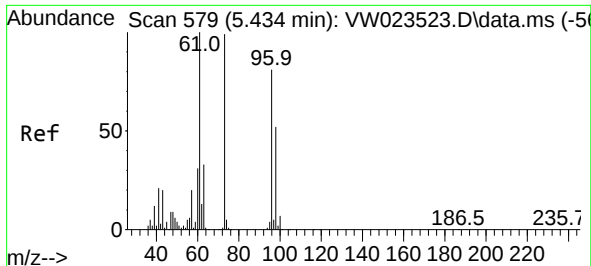
Tgt Ion: 43 Resp: 41501
Ion Ratio Lower Upper
43 100
74 26.9 21.5 32.3



#16
Methylene chloride
Concen: 22.507 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 84 Resp: 121675
Ion Ratio Lower Upper
84 100
86 68.3 47.8 88.8
49 121.4 85.0 157.8



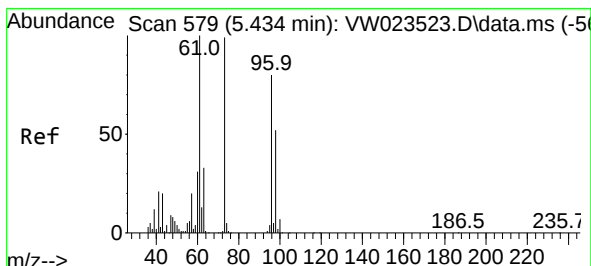
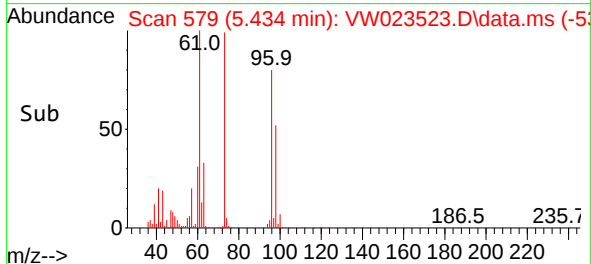
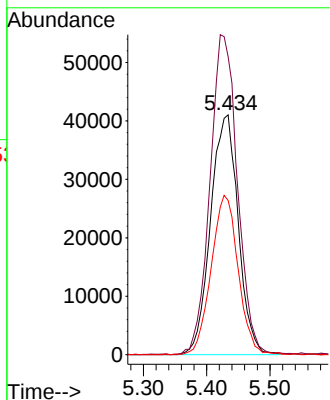
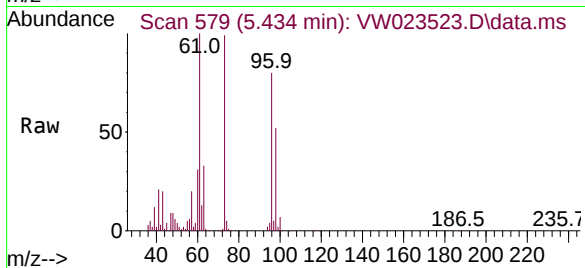


#17
trans-1,2-Dichloroethene
Concen: 25.580 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

Tgt Ion: 96 Resp: 124634

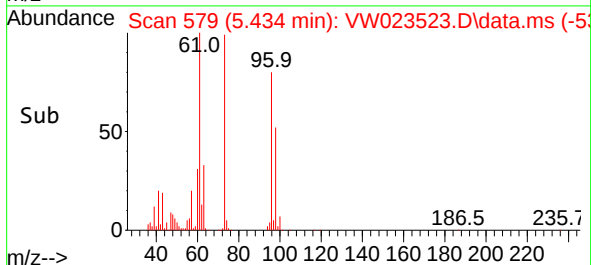
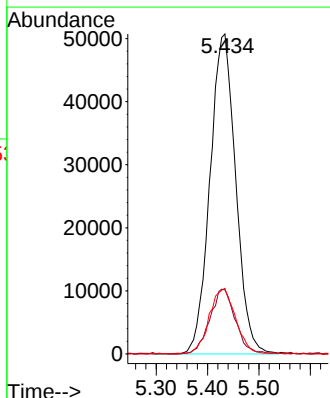
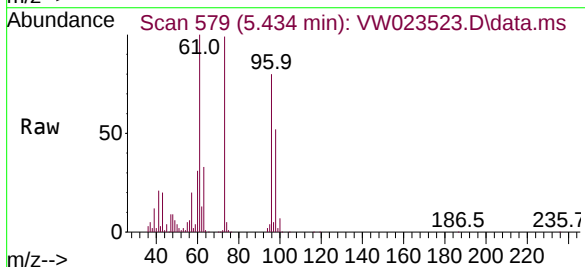
Ion	Ratio	Lower	Upper
96	100		
61	124.3	87.0	161.6
98	64.4	45.1	83.7

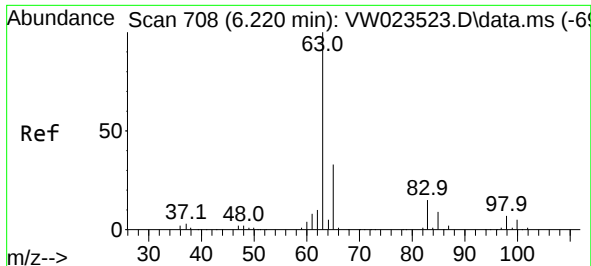


#18
Methyl tert-butyl Ether
Concen: 25.325 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 73 Resp: 176389

Ion	Ratio	Lower	Upper
73	100		
43	20.0	16.0	24.0
57	20.9	16.7	25.1





#19

1,1-Dichloroethane

Concen: 25.607 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025429

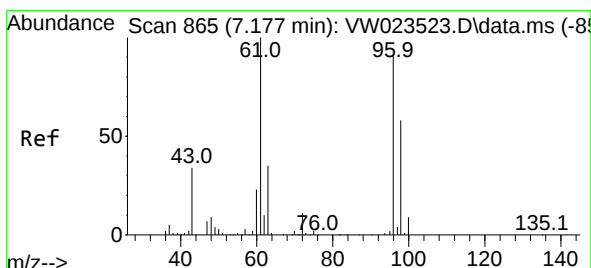
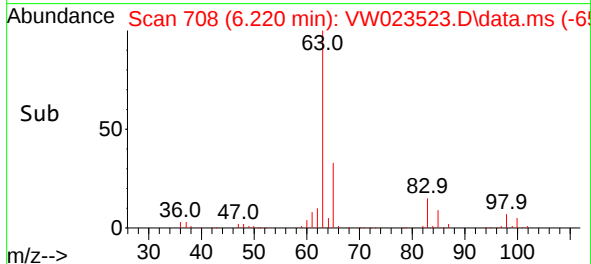
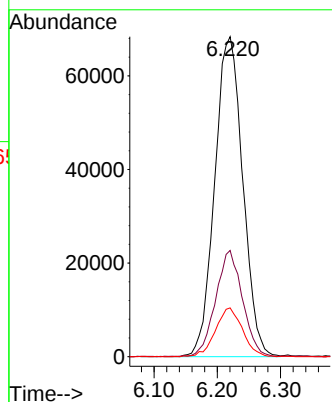
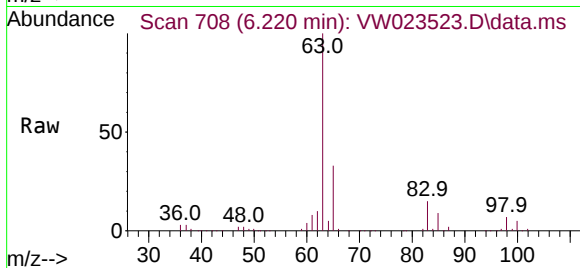
Tgt Ion: 63 Resp: 210301

Ion Ratio Lower Upper

63 100

65 33.2 23.2 43.2

83 15.3 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 25.479 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

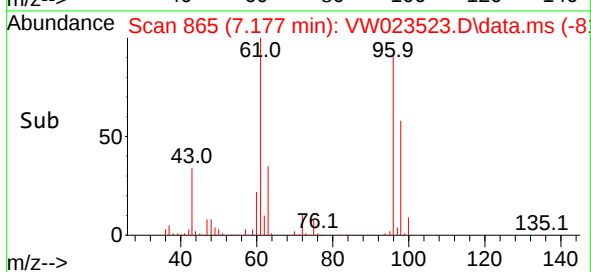
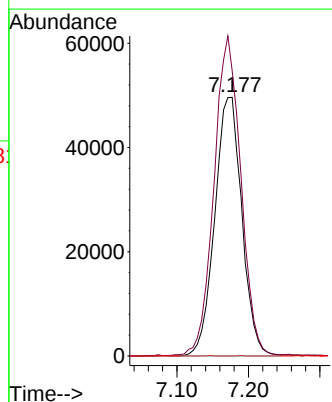
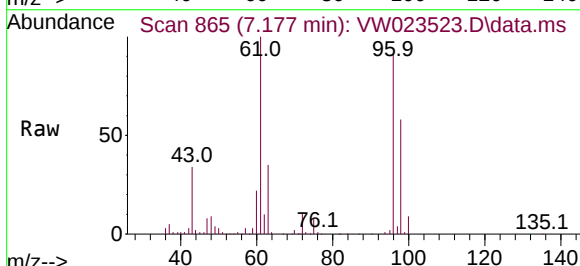
Tgt Ion: 96 Resp: 130751

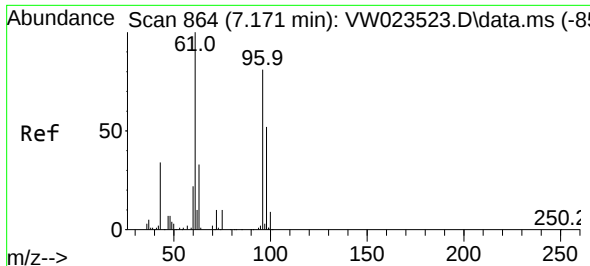
Ion Ratio Lower Upper

96 100

61 110.2 77.1 143.3

68 0.0 0.0 0.0

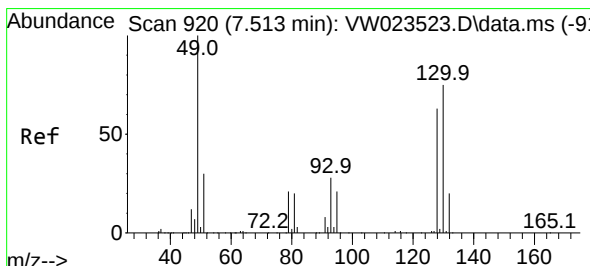
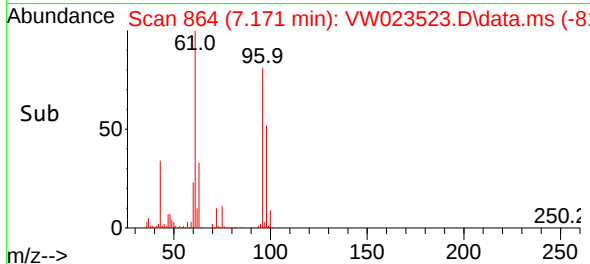
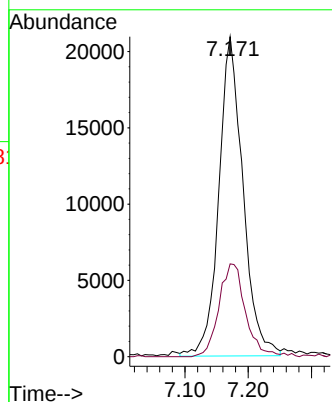
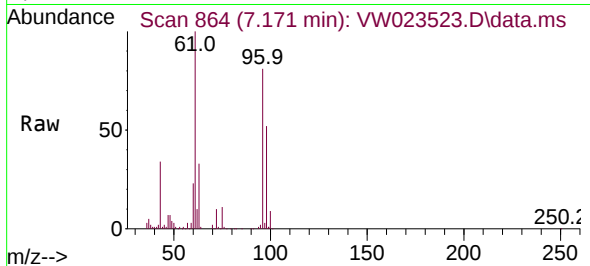




#22
2-Butanone
Concen: 42.841 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

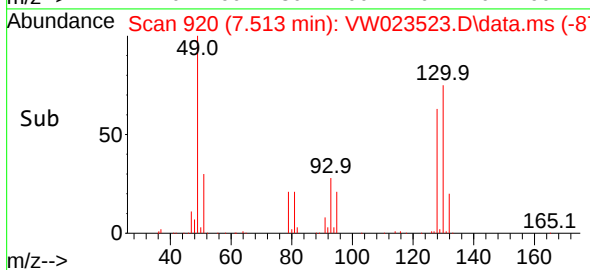
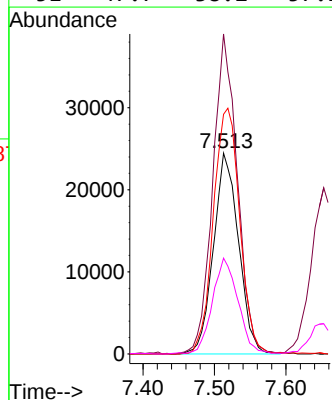
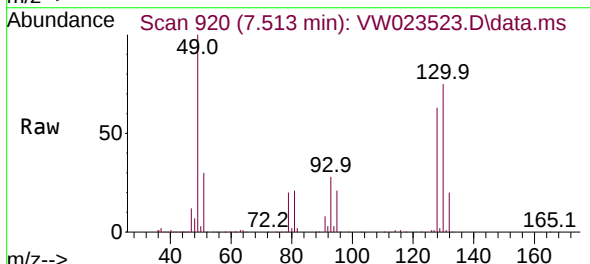
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

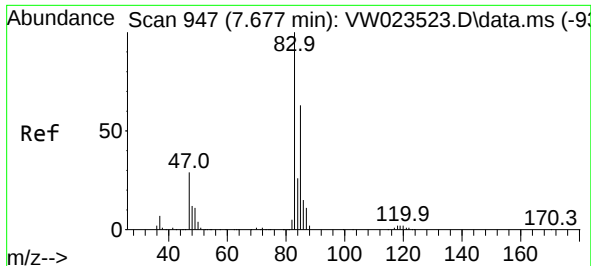
Tgt Ion: 43 Resp: 55427
Ion Ratio Lower Upper
43 100
72 31.7 15.9 47.6



#23
Bromochloromethane
Concen: 24.546 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 128 Resp: 59592
Ion Ratio Lower Upper
128 100
49 159.4 111.6 207.2
130 119.4 83.6 155.2
51 47.7 38.2 57.2

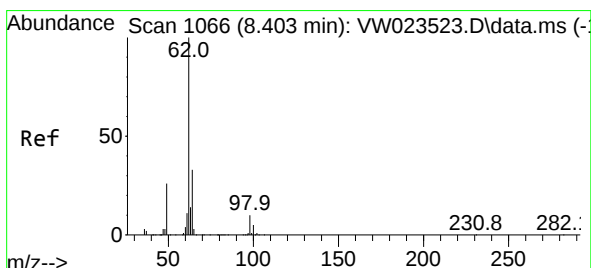
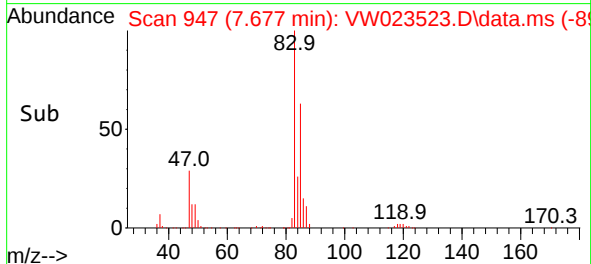
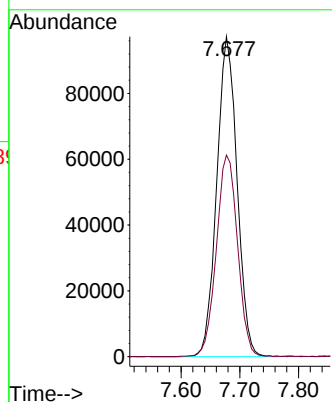
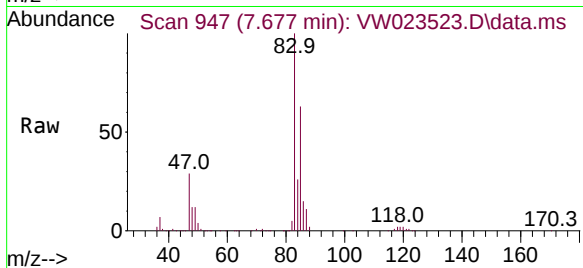




#25
Chloroform
Concen: 25.250 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

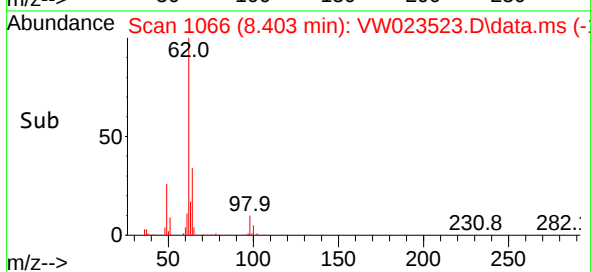
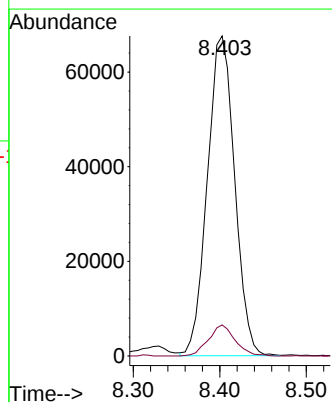
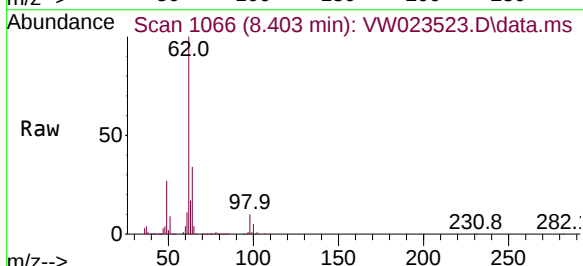
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

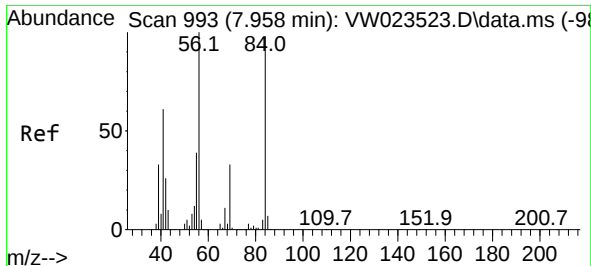
Tgt Ion: 83 Resp: 233583
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 24.899 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 62 Resp: 148108
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 27.479 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

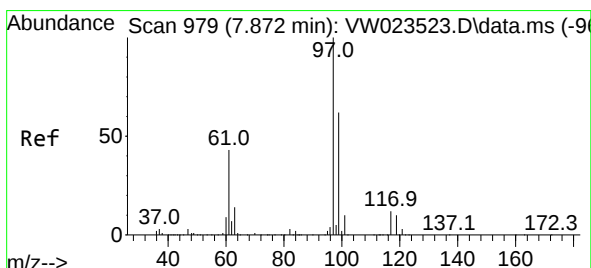
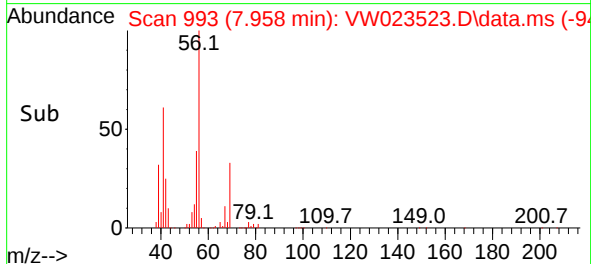
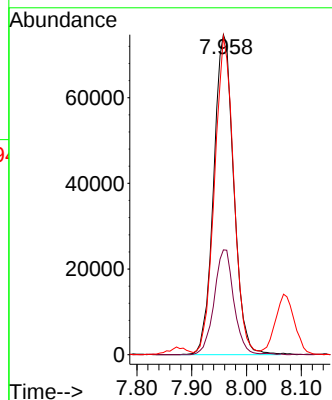
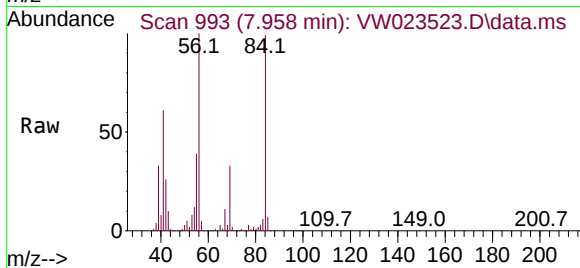
MSVOA_W

ClientSampleId :

VSTD025429

Tgt Ion: 56 Resp: 190260

Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.6	38.4
84	94.8	75.8	113.8



#30

1,1,1-Trichloroethane

Concen: 26.180 ug/L

RT: 7.872 min Scan# 979

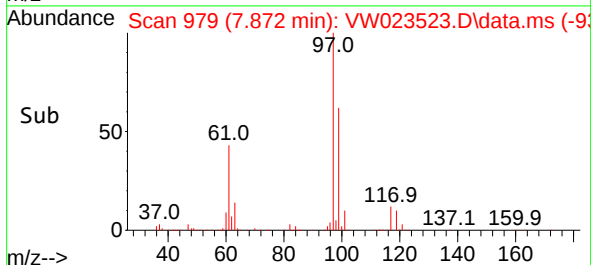
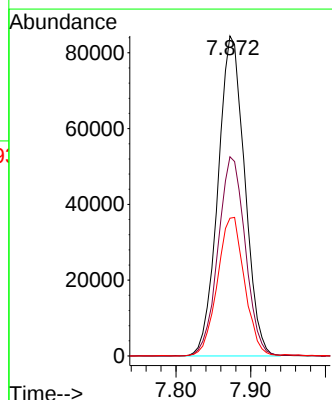
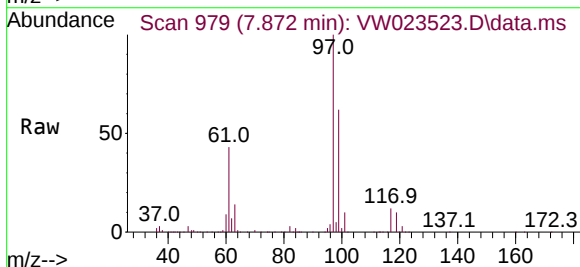
Delta R.T. 0.000 min

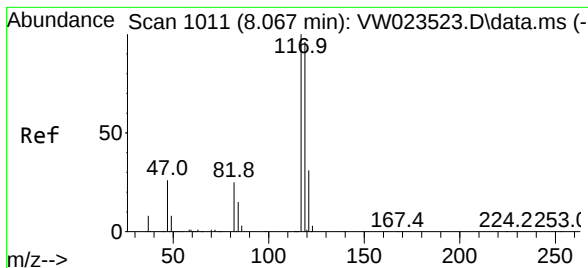
Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Tgt Ion: 97 Resp: 210124

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.6	75.8
61	43.9	35.1	52.7

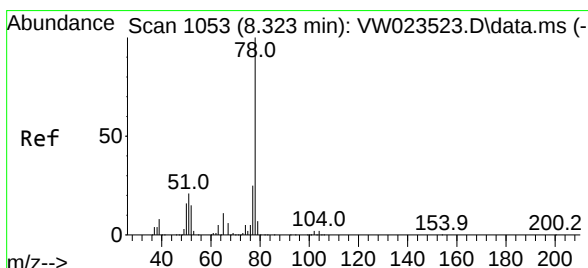
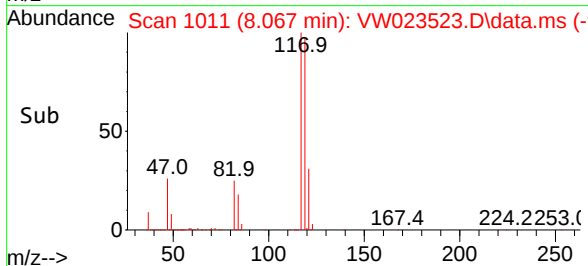
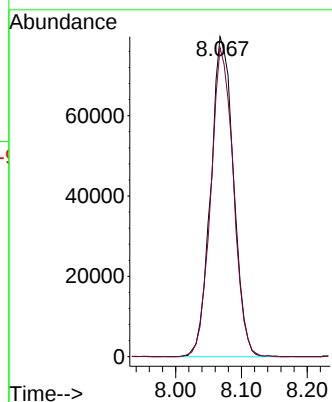
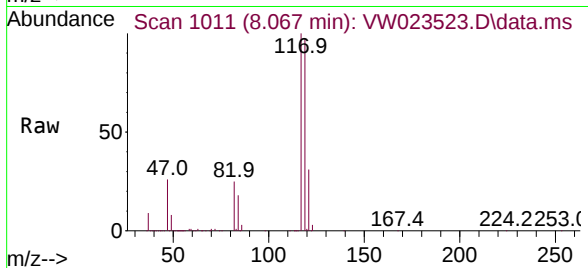




#31
Carbon tetrachloride
Concen: 26.055 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

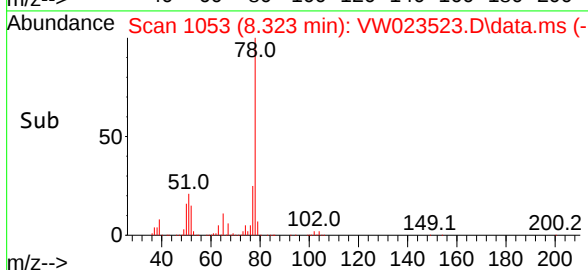
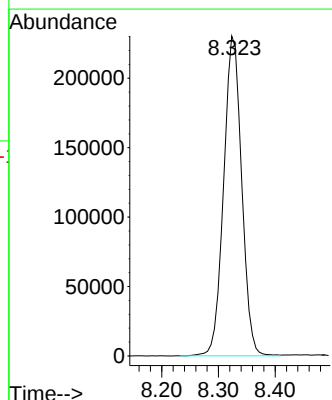
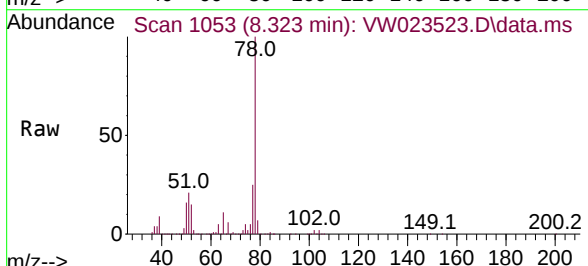
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

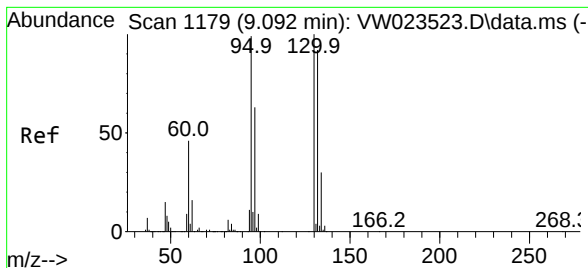
Tgt Ion:117 Resp: 192036
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 26.070 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 78 Resp: 508922





#34

Trichloroethene

Concen: 25.776 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025429

Tgt Ion: 95 Resp: 138629

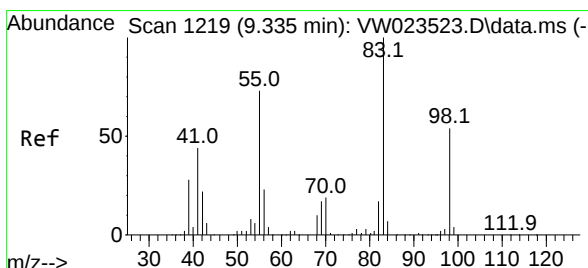
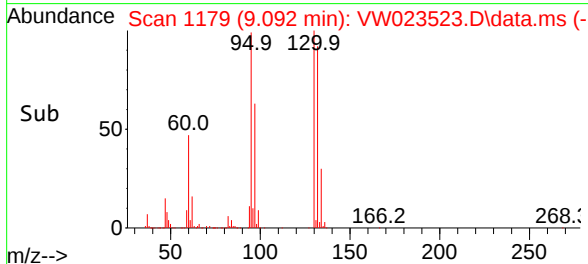
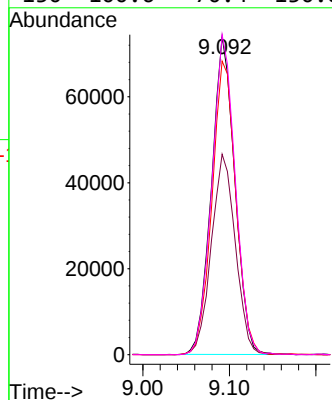
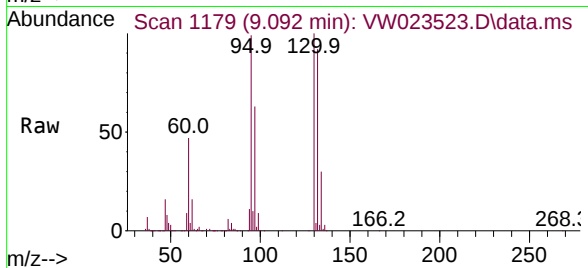
Ion Ratio Lower Upper

95 100

97 63.1 44.2 82.0

132 92.3 64.6 120.0

130 100.6 70.4 130.8



#35

Methylcyclohexane

Concen: 27.166 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

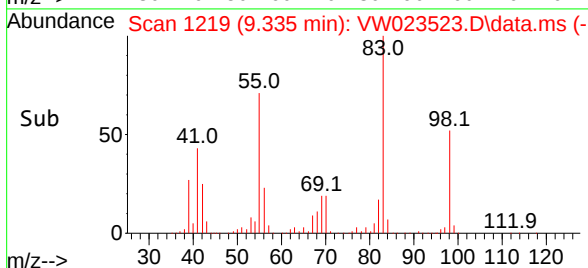
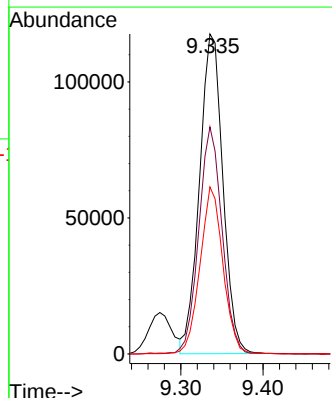
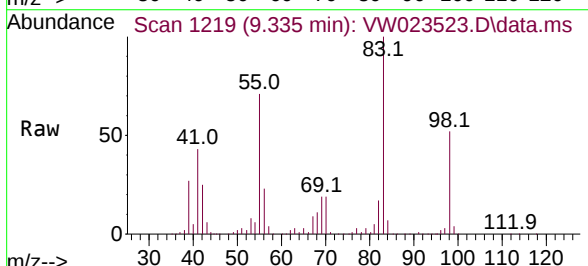
Tgt Ion: 83 Resp: 232406

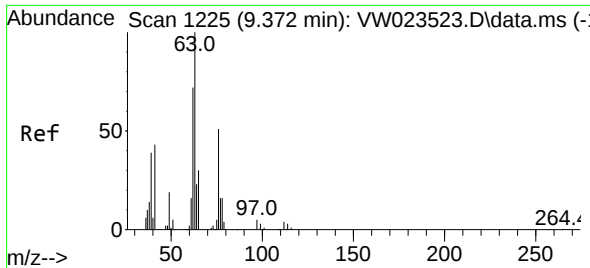
Ion Ratio Lower Upper

83 100

55 70.2 56.2 84.2

98 50.9 40.7 61.1

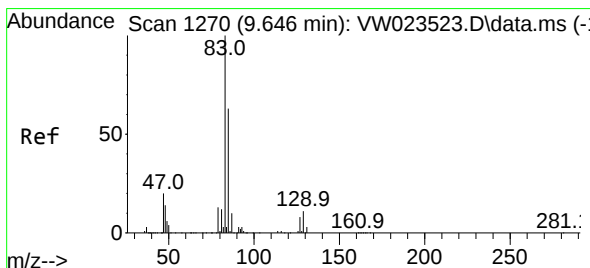
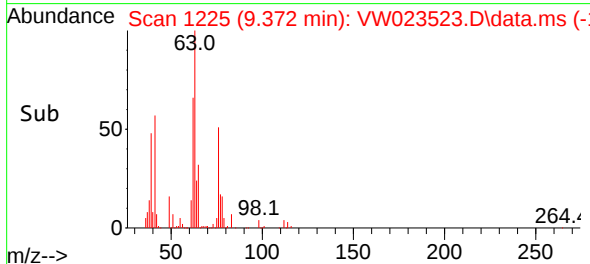
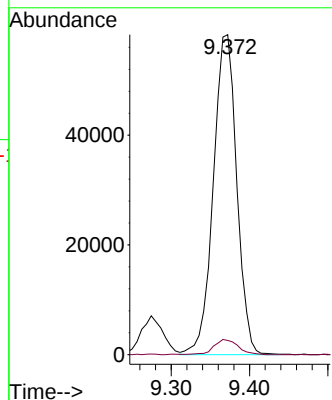
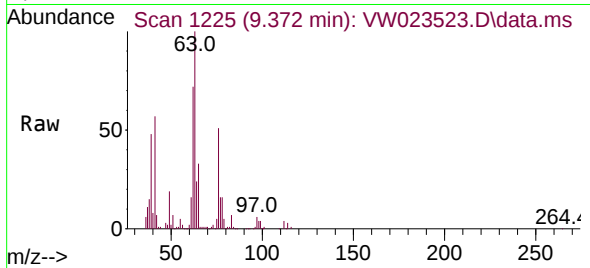




#37
1,2-Dichloropropane
Concen: 26.177 ug/L
RT: 9.372 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

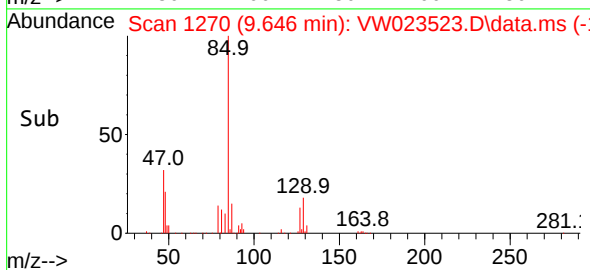
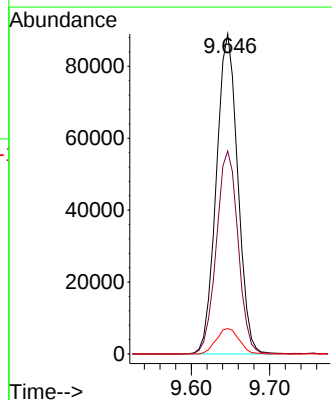
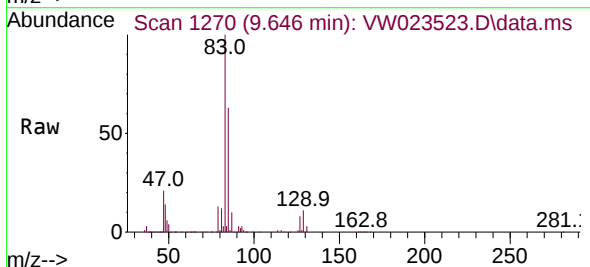
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

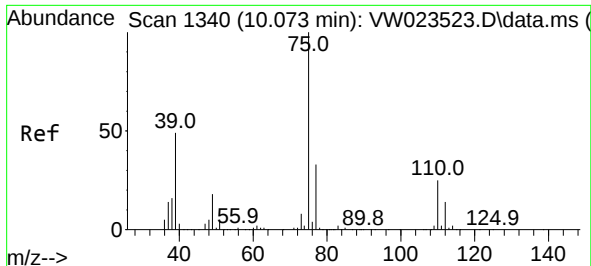
Tgt Ion: 63 Resp: 121368
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 25.486 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 83 Resp: 169460
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.4
127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.112 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

MSVOA_W

ClientSampleId :

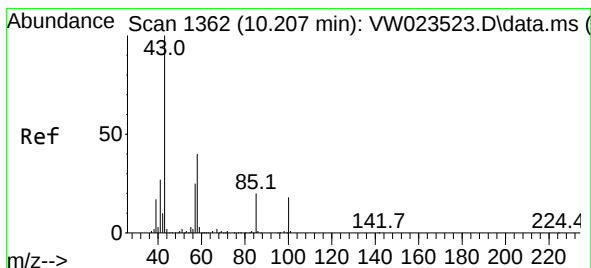
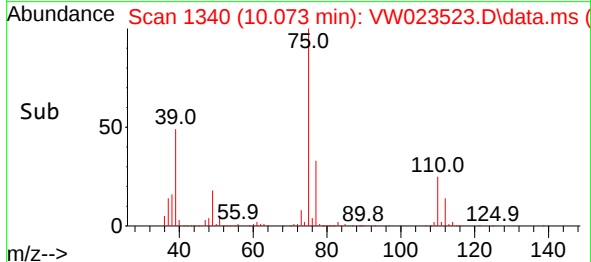
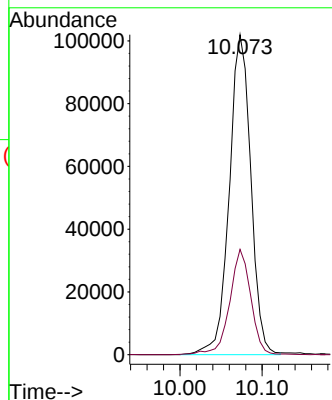
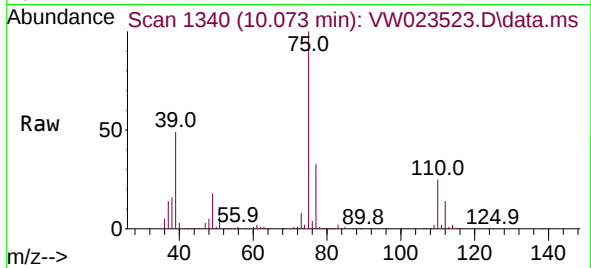
VSTD025429

Tgt Ion: 75 Resp: 185849

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 47.651 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

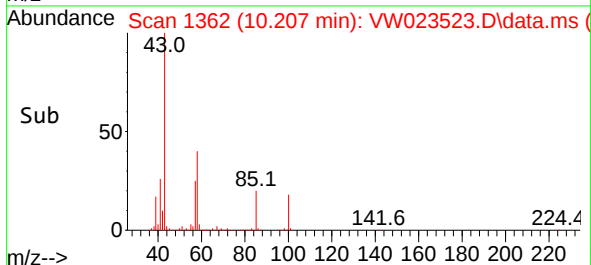
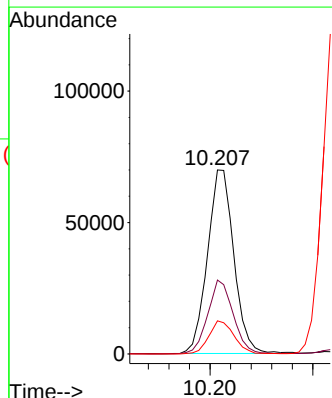
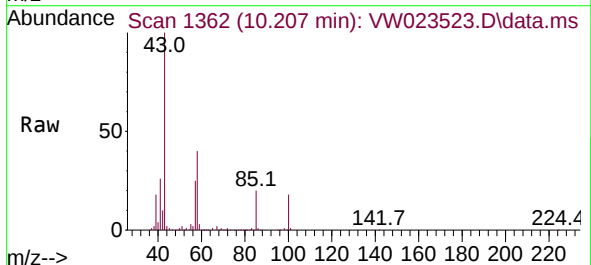
Tgt Ion: 43 Resp: 124306

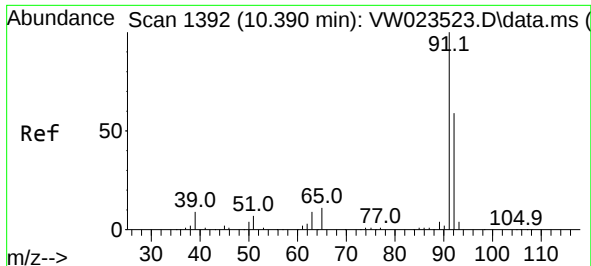
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 17.2 13.8 20.6

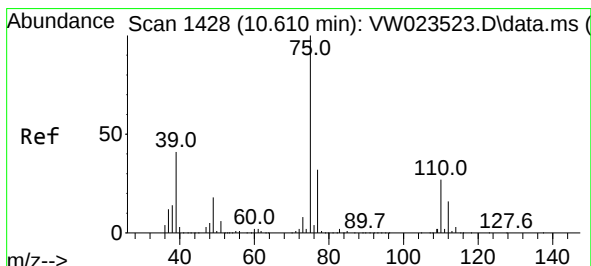
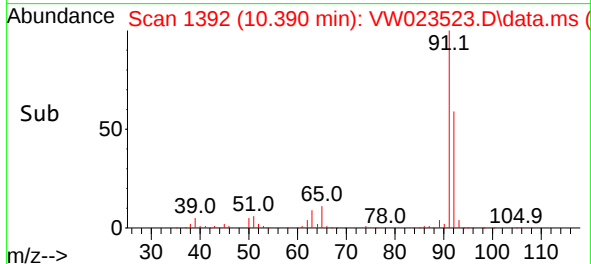
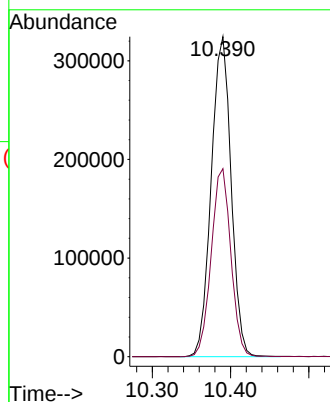
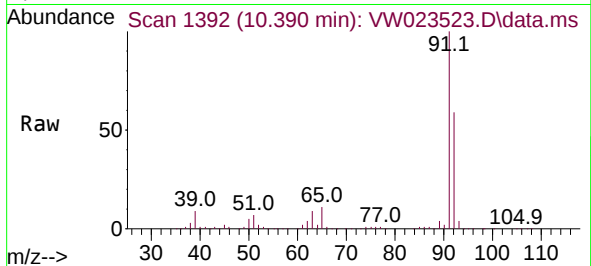




#42
Toluene
Concen: 26.598 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

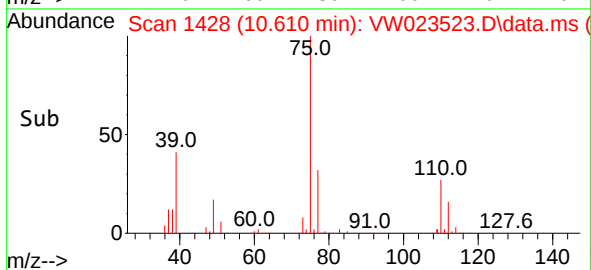
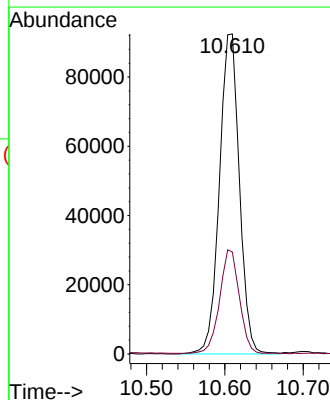
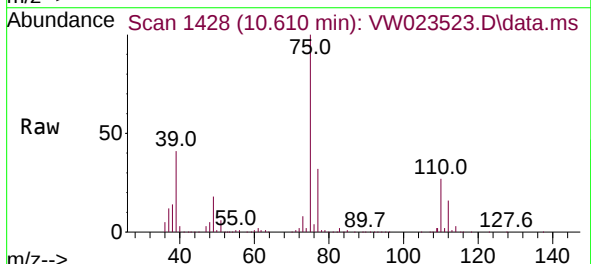
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

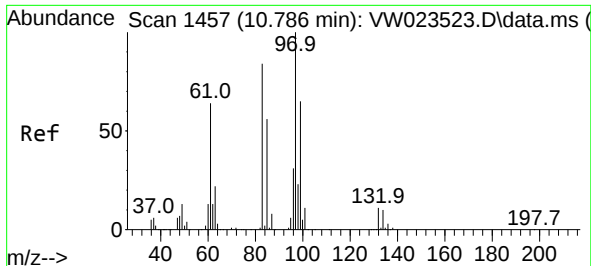
Tgt Ion: 91 Resp: 571250
Ion Ratio Lower Upper
91 100
92 58.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 26.140 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 75 Resp: 164256
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3

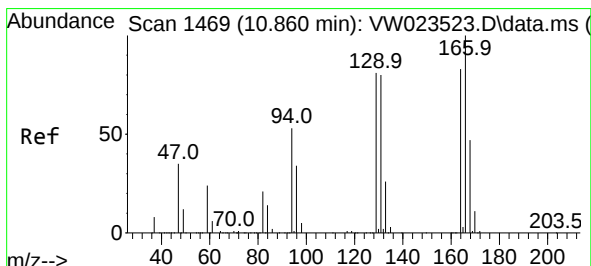
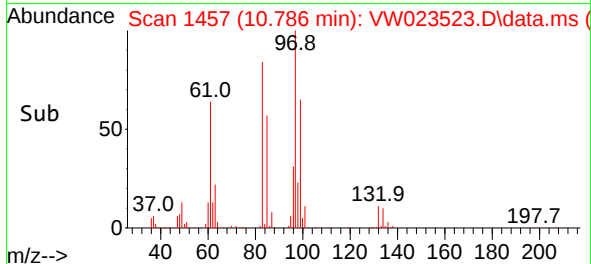
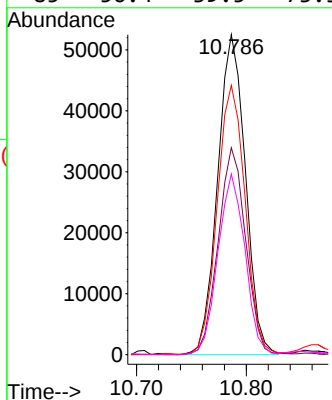
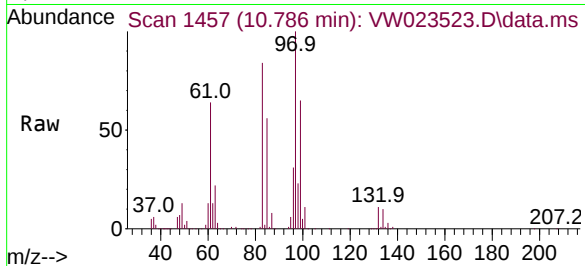




#45
1,1,2-Trichloroethane
Concen: 24.405 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

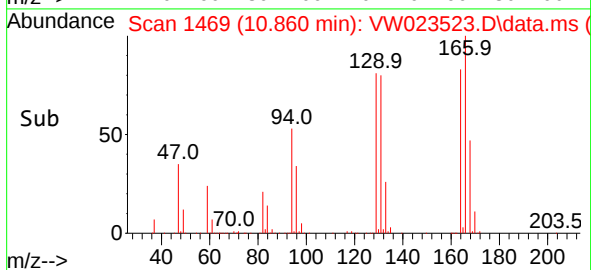
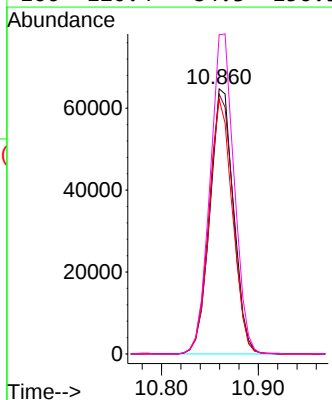
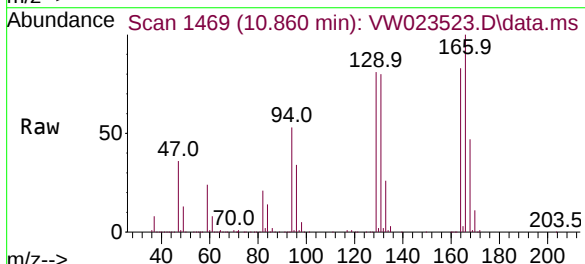
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

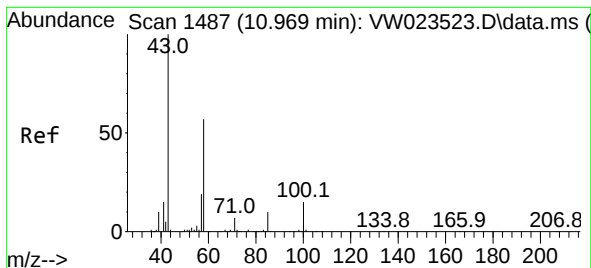
Tgt Ion:	97	Resp:	92316
Ion	Ratio	Lower	Upper
97	100		
99	64.7	45.3	84.1
83	84.2	58.9	109.5
85	56.4	39.5	73.3



#46
Tetrachloroethene
Concen: 25.907 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion:	164	Resp:	109981
Ion	Ratio	Lower	Upper
164	100		
129	98.0	68.6	127.4
131	96.1	67.3	124.9
166	120.4	84.3	156.5





#48

2-Hexanone

Concen: 47.912 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025429

Tgt Ion: 43 Resp: 84067

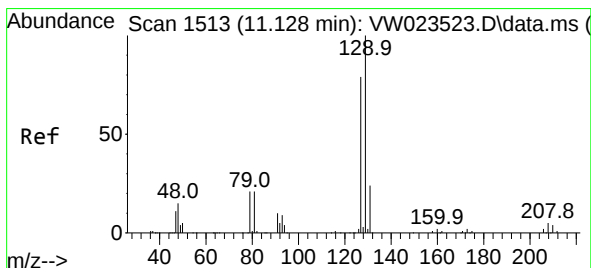
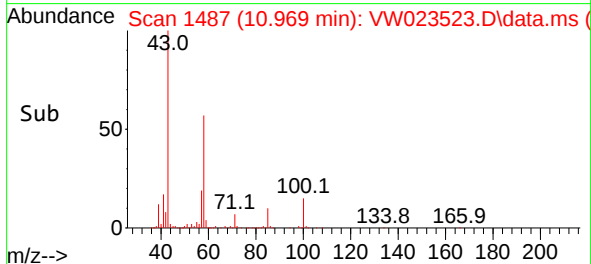
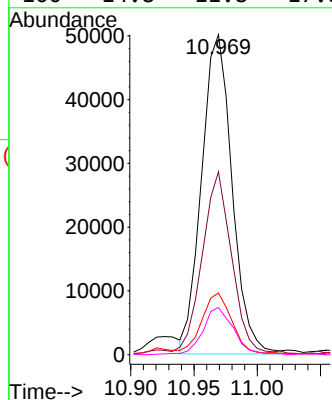
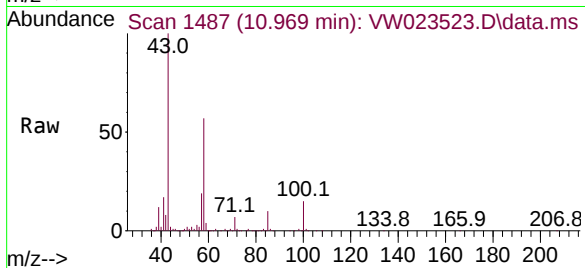
Ion Ratio Lower Upper

43 100

58 55.5 44.4 66.6

57 19.4 15.5 23.3

100 14.8 11.8 17.8



#49

Dibromochloromethane

Concen: 24.759 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023523.D

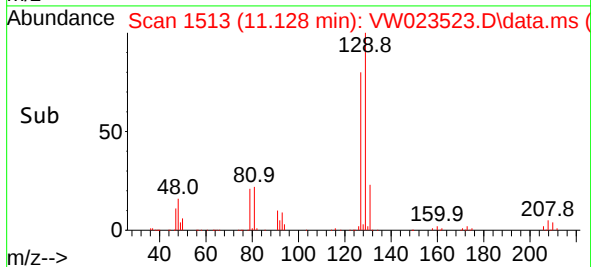
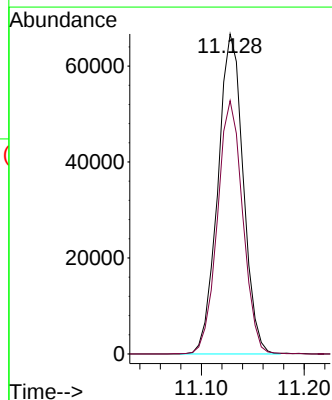
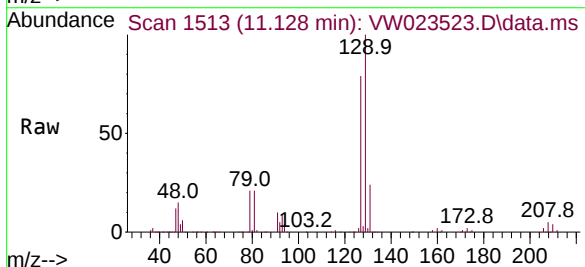
Acq: 28 Jun 2022 10:31

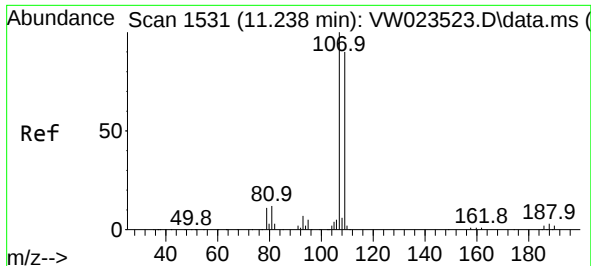
Tgt Ion:129 Resp: 114184

Ion Ratio Lower Upper

129 100

127 79.2 55.4 103.0

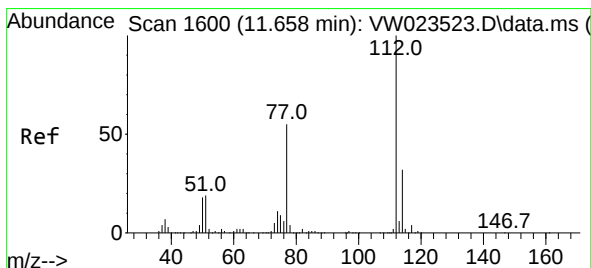
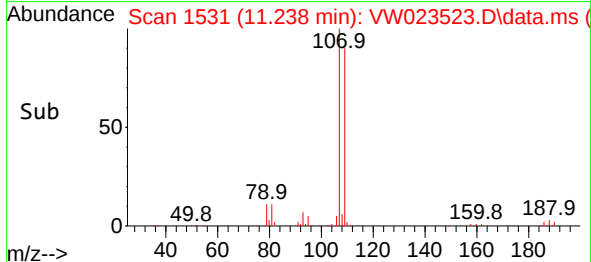
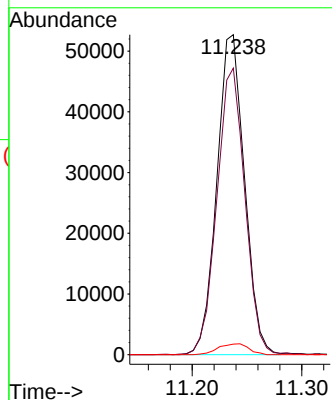
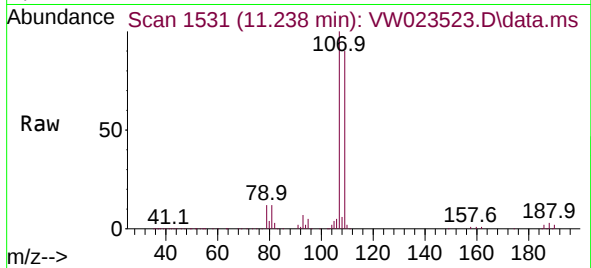




#50
1,2-Dibromoethane
Concen: 25.150 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

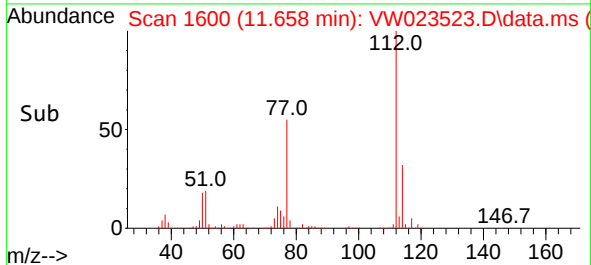
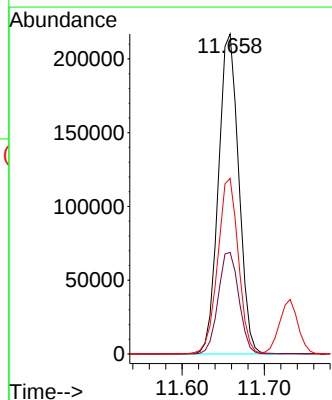
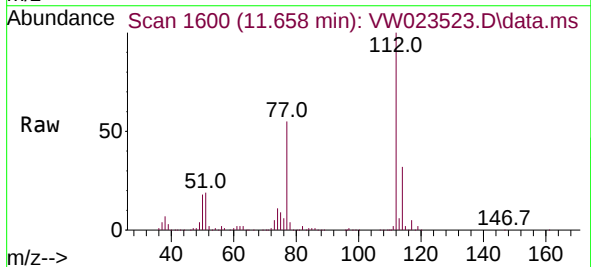
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

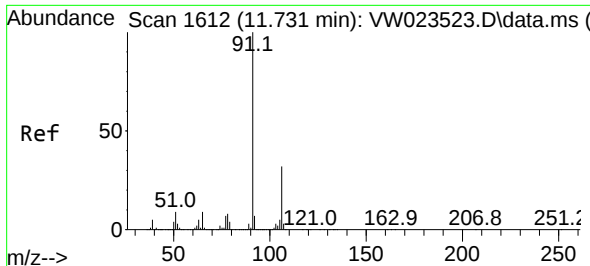
Tgt Ion:107 Resp: 92536
Ion Ratio Lower Upper
107 100
109 89.6 62.7 116.5
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 25.575 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion:112 Resp: 372915
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 54.9 43.9 65.9

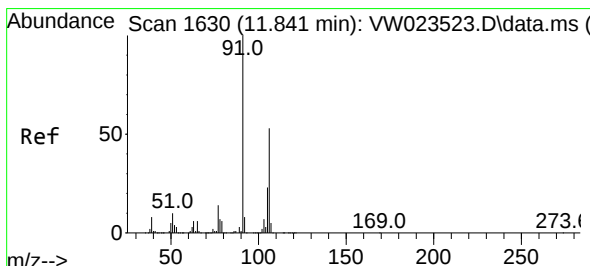
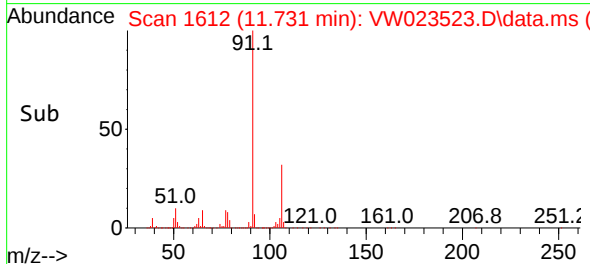
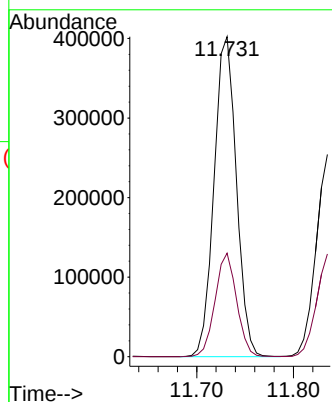
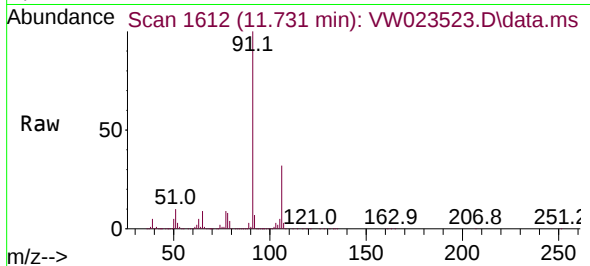




#52
Ethylbenzene
Concen: 26.951 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

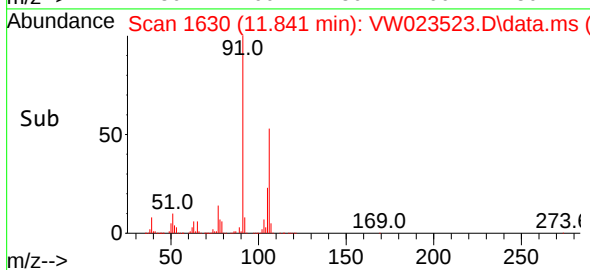
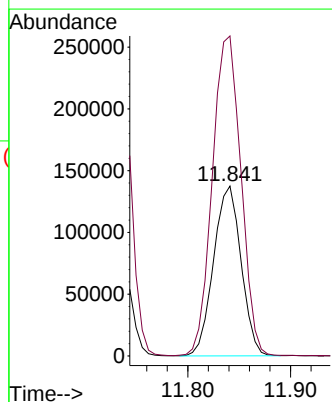
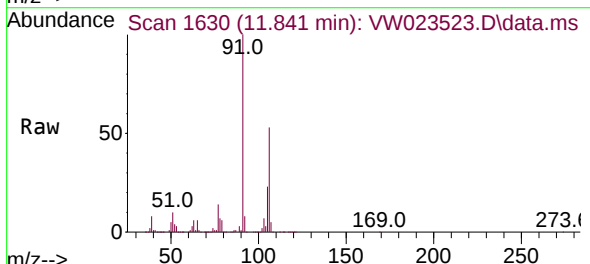
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

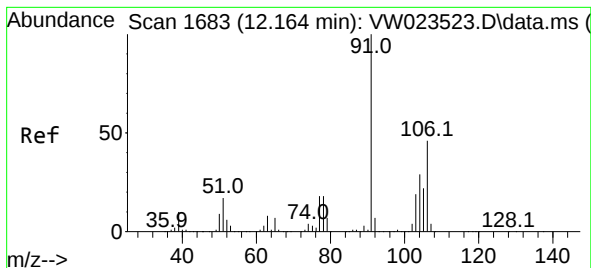
Tgt Ion: 91 Resp: 644794
Ion Ratio Lower Upper
91 100
106 32.4 22.7 42.1



#53
m,p-Xylene
Concen: 27.047 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 106 Resp: 255749
Ion Ratio Lower Upper
106 100
91 188.3 131.8 244.8





#54

o-Xylene

Concen: 27.187 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

MSVOA_W

ClientSampleId :

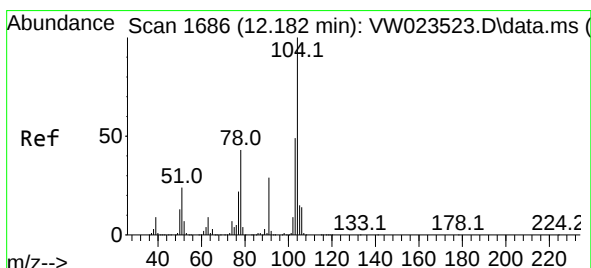
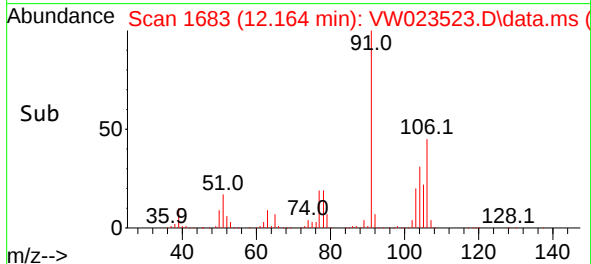
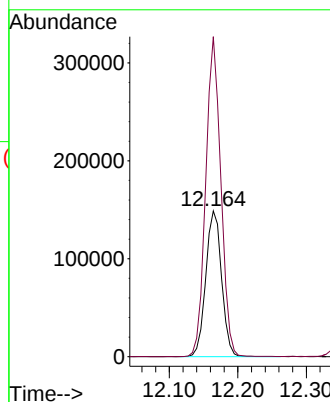
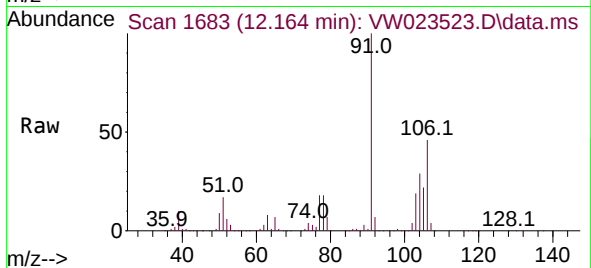
VSTD025429

Tgt Ion:106 Resp: 238993

Ion Ratio Lower Upper

106 100

91 219.5 153.6 285.3



#55

Styrene

Concen: 27.400 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW023523.D

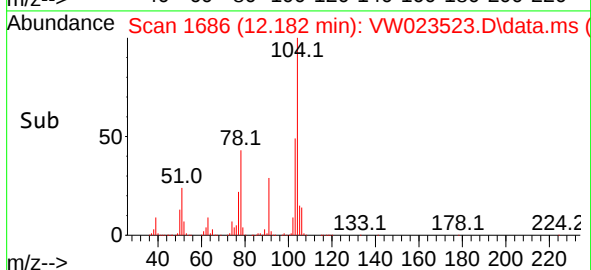
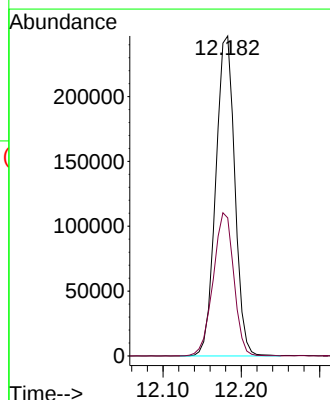
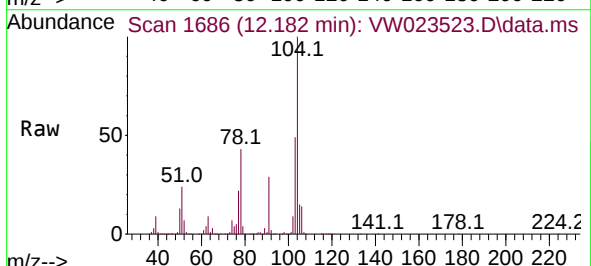
Acq: 28 Jun 2022 10:31

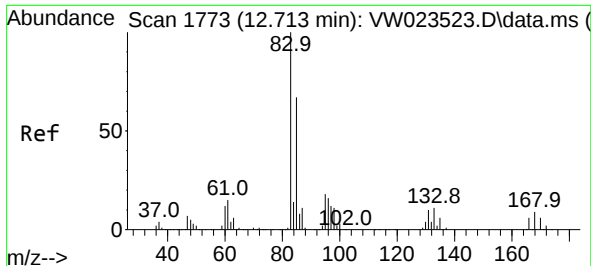
Tgt Ion:104 Resp: 417073

Ion Ratio Lower Upper

104 100

78 43.2 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.650 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025429

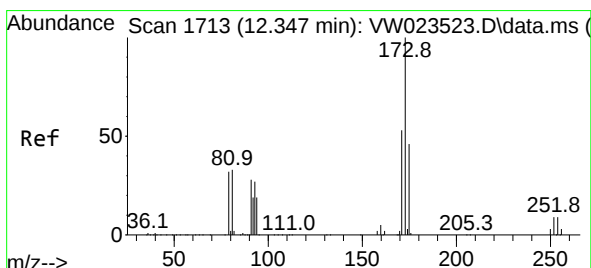
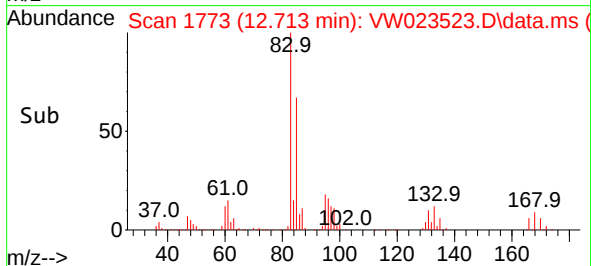
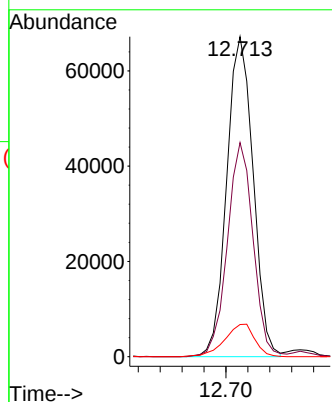
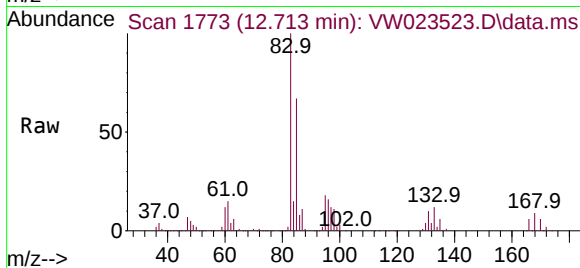
Tgt Ion: 83 Resp: 112501

Ion Ratio Lower Upper

83 100

85 66.9 46.8 87.0

131 10.1 8.1 12.1



#59

Bromoform

Concen: 24.052 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

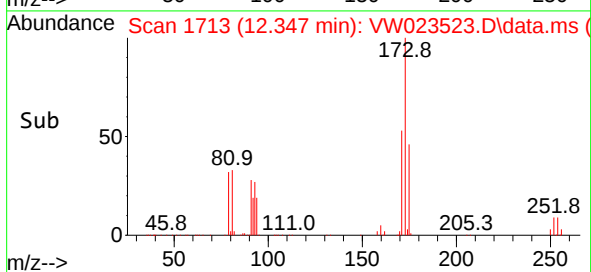
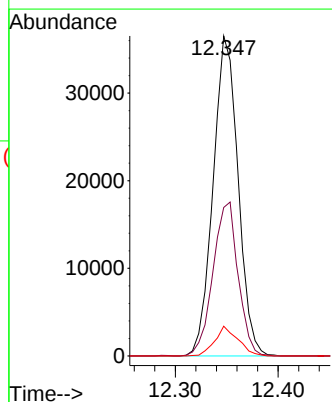
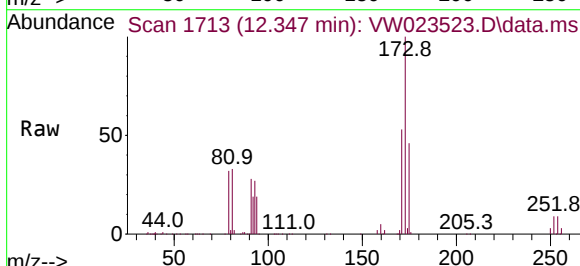
Tgt Ion:173 Resp: 61564

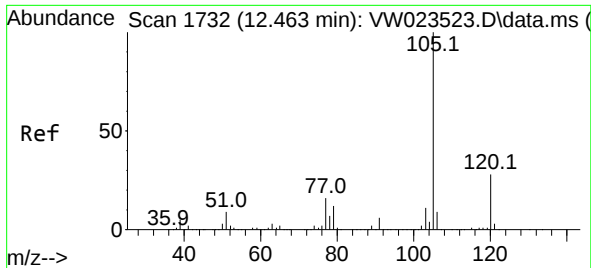
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 8.6 6.9 10.3

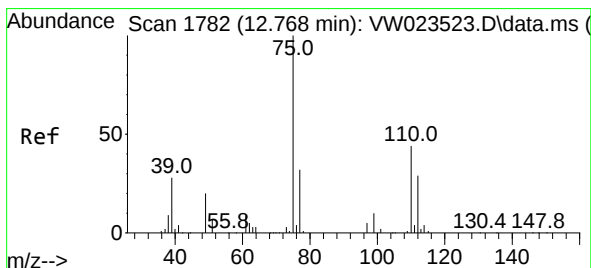
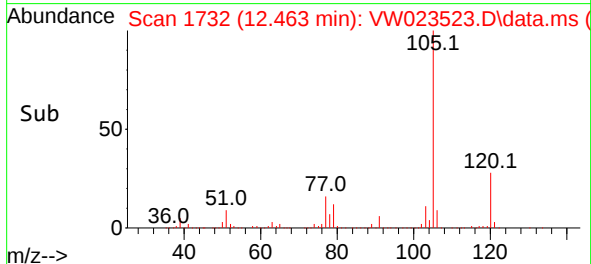
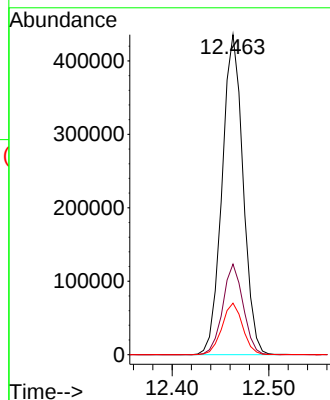
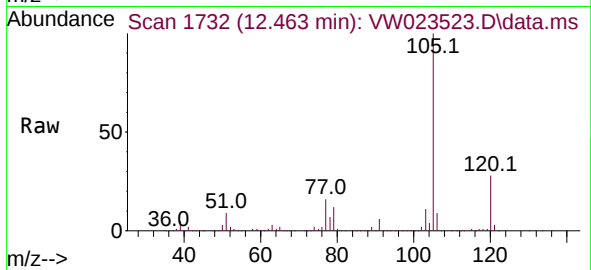




#60
Isopropylbenzene
Concen: 26.072 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

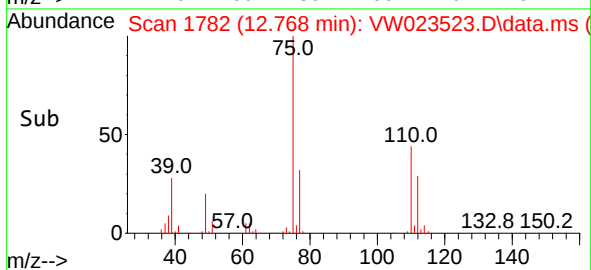
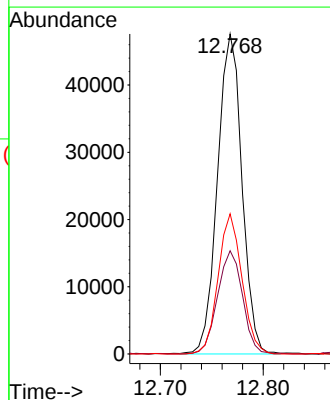
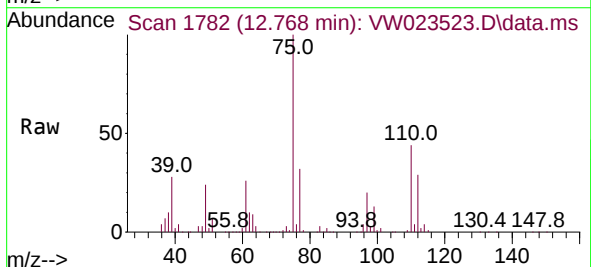
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

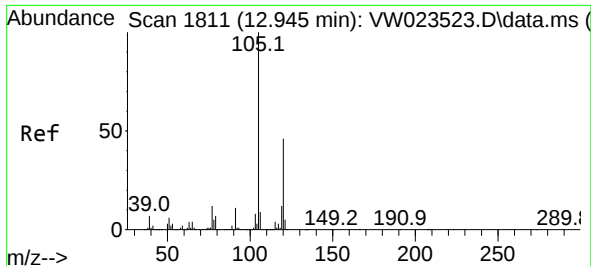
Tgt Ion:105 Resp: 655485
Ion Ratio Lower Upper
105 100
120 27.6 22.1 33.1
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 23.058 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion: 75 Resp: 78606
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
110 42.5 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 26.515 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

MSVOA_W

ClientSampleId :

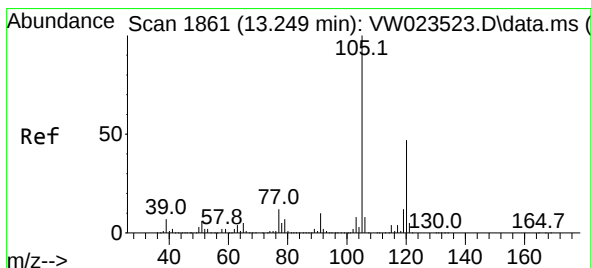
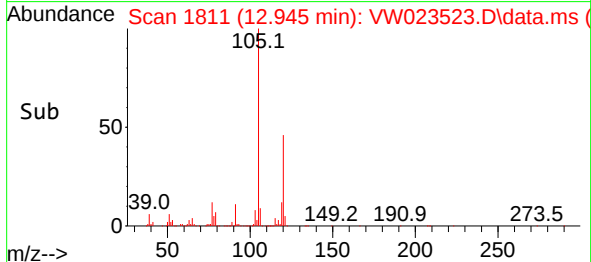
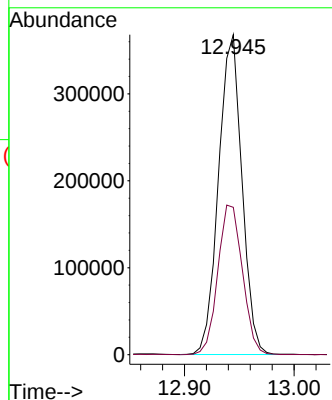
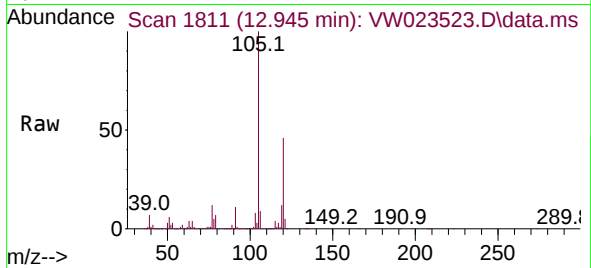
VSTD025429

Tgt Ion:105 Resp: 546388

Ion Ratio Lower Upper

105 100

120 49.1 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 26.744 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023523.D

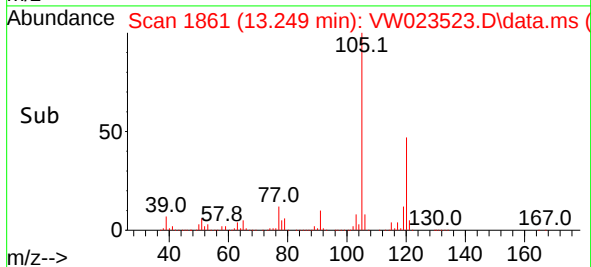
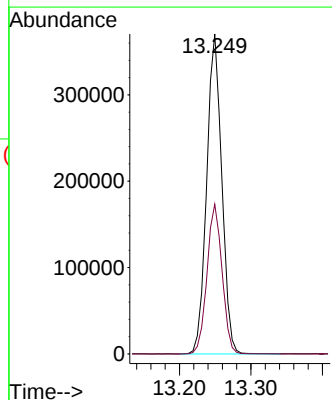
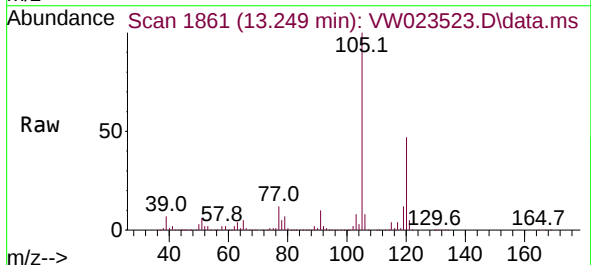
Acq: 28 Jun 2022 10:31

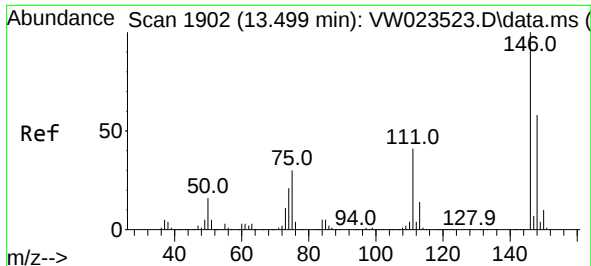
Tgt Ion:105 Resp: 543725

Ion Ratio Lower Upper

105 100

120 46.6 37.3 55.9

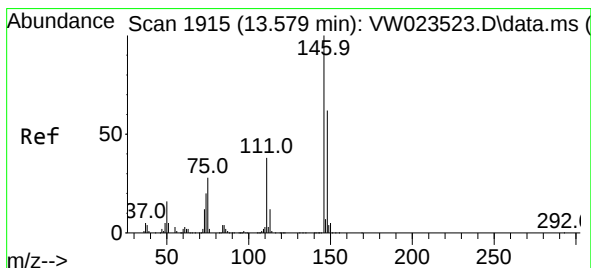
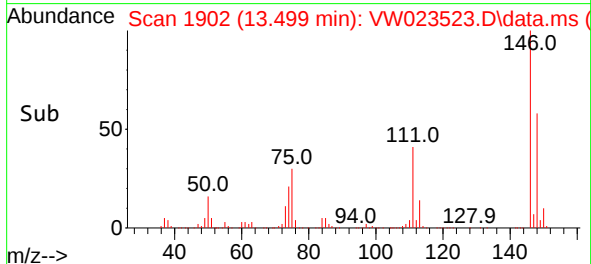
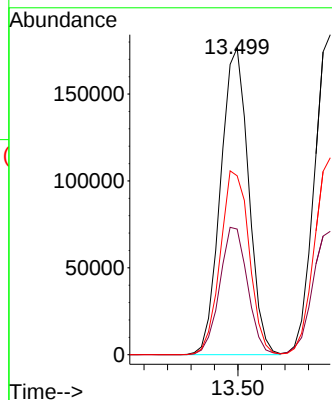
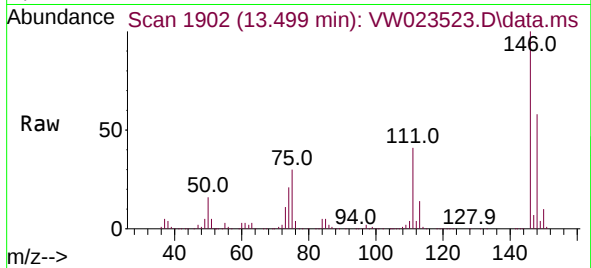




#64
1,3-Dichlorobenzene
Concen: 25.244 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

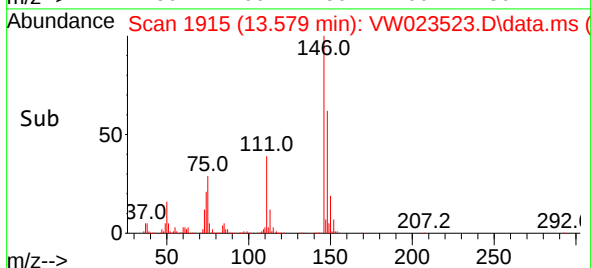
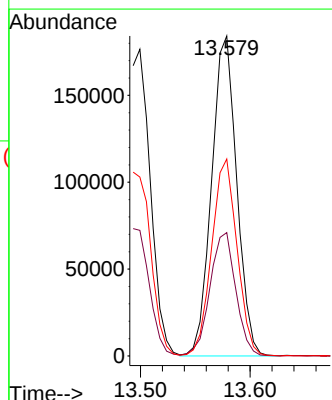
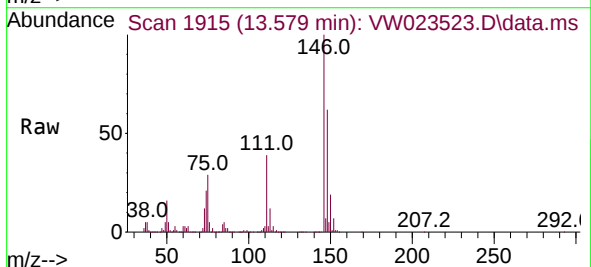
Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

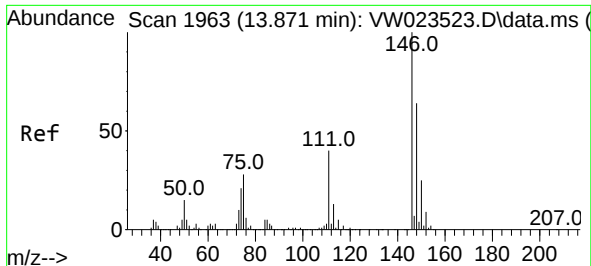
Tgt Ion:146 Resp: 292178
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 58.3 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 24.708 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion:146 Resp: 293583
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 61.6 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 25.383 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025429

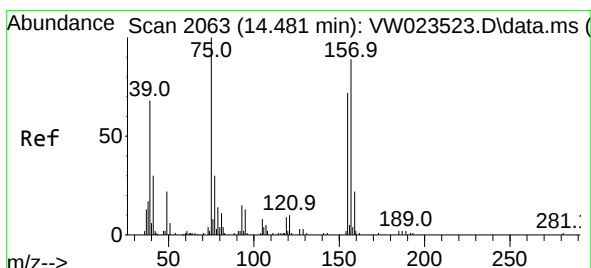
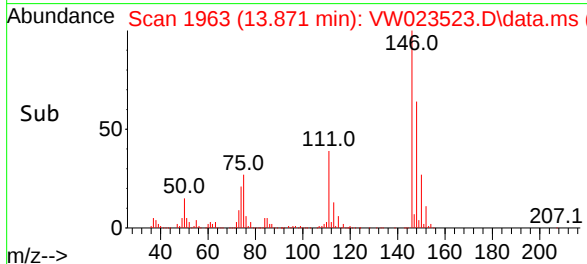
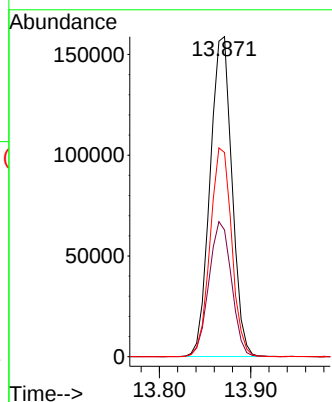
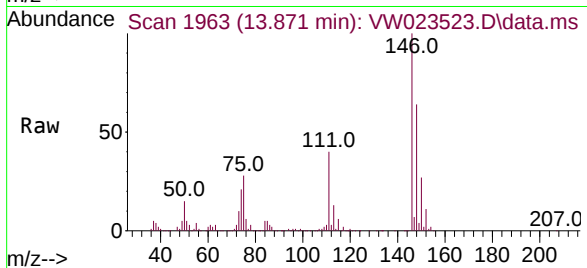
Tgt Ion:146 Resp: 264878

Ion Ratio Lower Upper

146 100

111 39.6 31.7 47.5

148 63.8 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.020 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

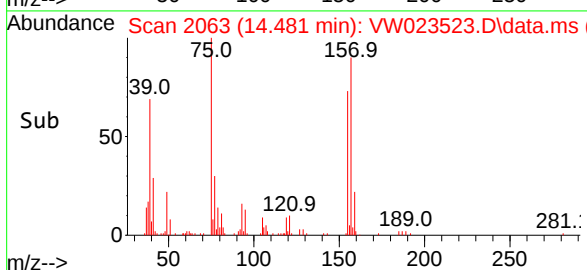
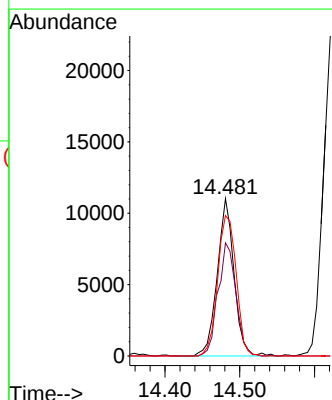
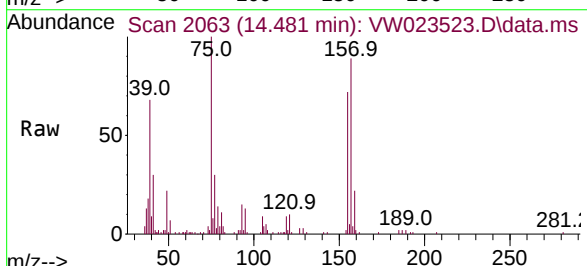
Tgt Ion: 75 Resp: 17236

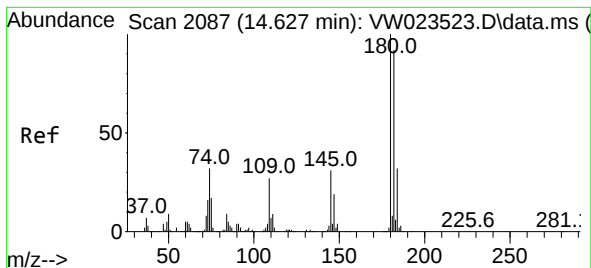
Ion Ratio Lower Upper

75 100

155 71.9 57.5 86.3

157 89.3 71.4 107.2





#69

1,3,5-Trichlorobenzene

Concen: 25.369 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025429

Tgt Ion:180 Resp: 192329

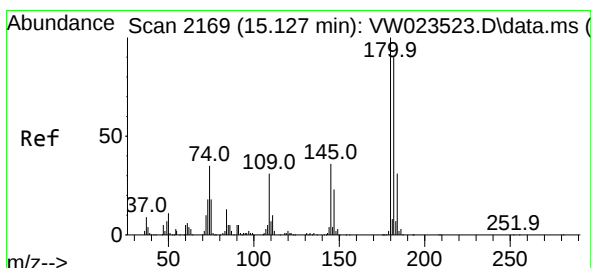
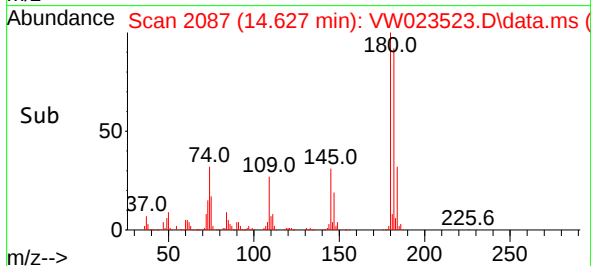
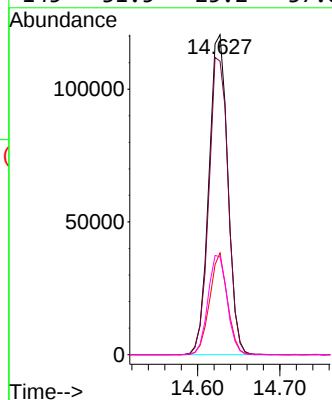
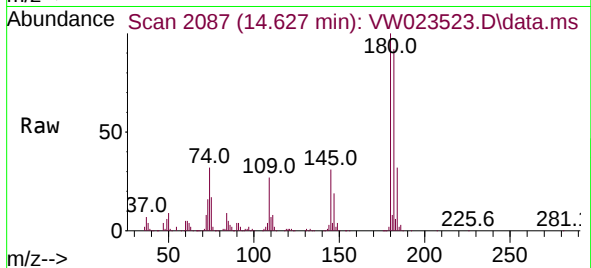
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

184 29.9 23.9 35.9

145 31.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 25.843 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023523.D

Acq: 28 Jun 2022 10:31

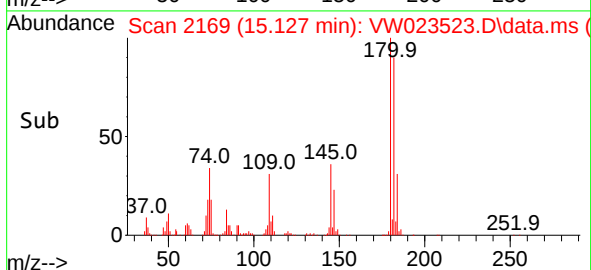
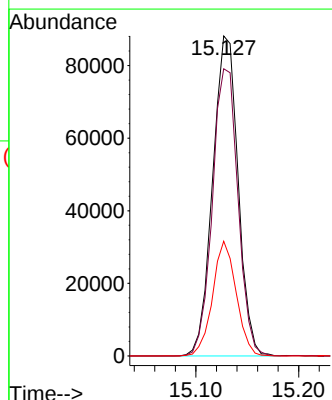
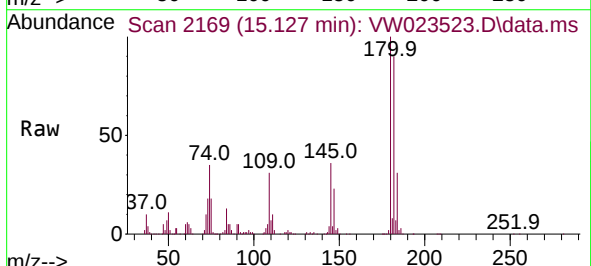
Tgt Ion:180 Resp: 151190

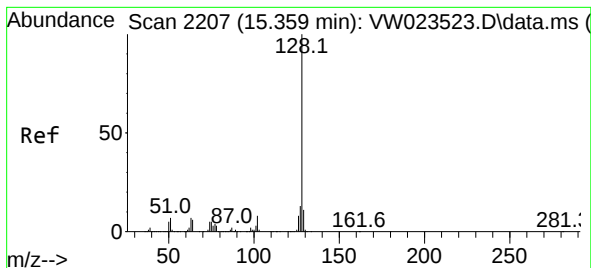
Ion Ratio Lower Upper

180 100

182 90.4 72.3 108.5

145 33.3 26.6 40.0

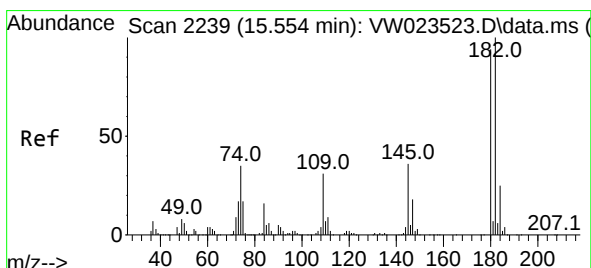
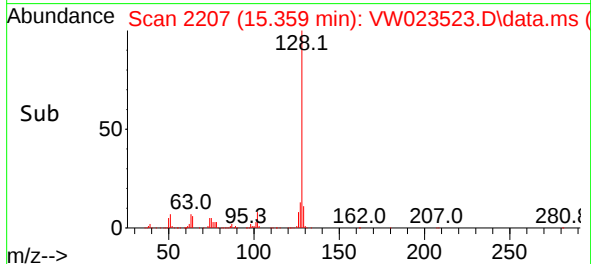
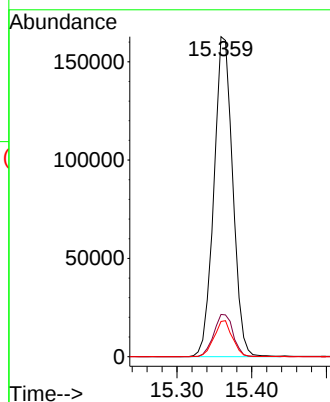
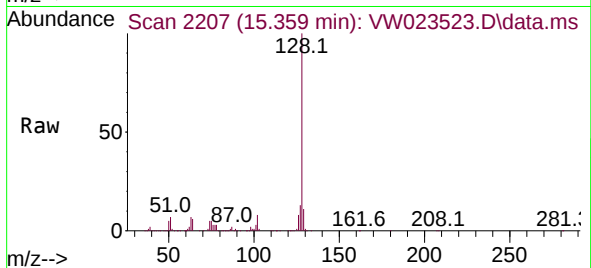




#71
Naphthalene
Concen: 25.637 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD025429

Tgt Ion:128 Resp: 284542
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.300 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW023523.D
Acq: 28 Jun 2022 10:31

Tgt Ion:180 Resp: 122895
Ion Ratio Lower Upper
180 100
182 98.4 78.7 118.1
145 37.7 30.2 45.2

