

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024865.D
 Acq On : 12 Oct 2022 11:16
 Operator : SY/VA
 Sample : VSTD02557
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025457

Quant Time: Oct 12 22:47:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	422840	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	377373	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	117672	23.589	ug/L	0.00
7) Chloroethane-d5	2.885	69	70234	24.047	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	268032	24.712	ug/L	0.00
21) 2-Butanone-d5	7.074	46	71404	45.175	ug/L	0.00
24) Chloroform-d	7.653	84	279346	23.422	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	140075	22.441	ug/L	0.00
32) Benzene-d6	8.275	84	581501	24.573	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	176573	24.328	ug/L	0.00
41) Toluene-d8	10.323	98	526016	24.766	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	67413	24.490	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	58204	47.831	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	131345	23.205	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	156686	23.068	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	63930	33.289	ug/L	94
3) Chloromethane	2.221	50	116261	26.387	ug/L	100
5) Vinyl chloride	2.361	62	162976	27.112	ug/L	100
6) Bromomethane	2.776	94	80038	27.414	ug/L	100
8) Chloroethane	2.922	64	68170	27.217	ug/L	100
9) Trichlorofluoromethane	3.257	101	76807	25.831	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	161825	26.730	ug/L	100
12) 1,1-Dichloroethene	4.038	96	153117	26.728	ug/L	100
13) Acetone	4.123	43	49752	45.816	ug/L	100
14) Carbon disulfide	4.385	76	526699	28.148	ug/L	100
15) Methyl Acetate	4.672	43	65570	24.606	ug/L	100
16) Methylene chloride	4.922	84	171905	23.025	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	170358	27.320	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	235708	25.437	ug/L	100
19) 1,1-Dichloroethane	6.214	63	306089	26.532	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	177446	26.346	ug/L	100
22) 2-Butanone	7.171	43	86705	46.990	ug/L	100
23) Bromochloromethane	7.519	128	71381	25.895	ug/L	100
25) Chloroform	7.677	83	296951	26.224	ug/L	100
27) 1,2-Dichloroethane	8.403	62	186949	25.529	ug/L	100
29) Cyclohexane	7.952	56	309821	28.269	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	238856	27.522	ug/L	100
31) Carbon tetrachloride	8.067	117	211145	27.709	ug/L	100
33) Benzene	8.323	78	698470	27.206	ug/L	100
34) Trichloroethene	9.092	95	175941	27.212	ug/L	100
35) Methylcyclohexane	9.335	83	328736	28.251	ug/L	100
37) 1,2-Dichloropropane	9.366	63	172964	27.033	ug/L	100
38) Bromodichloromethane	9.640	83	213102	26.956	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	256126	27.695	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	191308	50.588	ug/L	100
42) Toluene	10.384	91	723294	27.478	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	207488	27.023	ug/L	100

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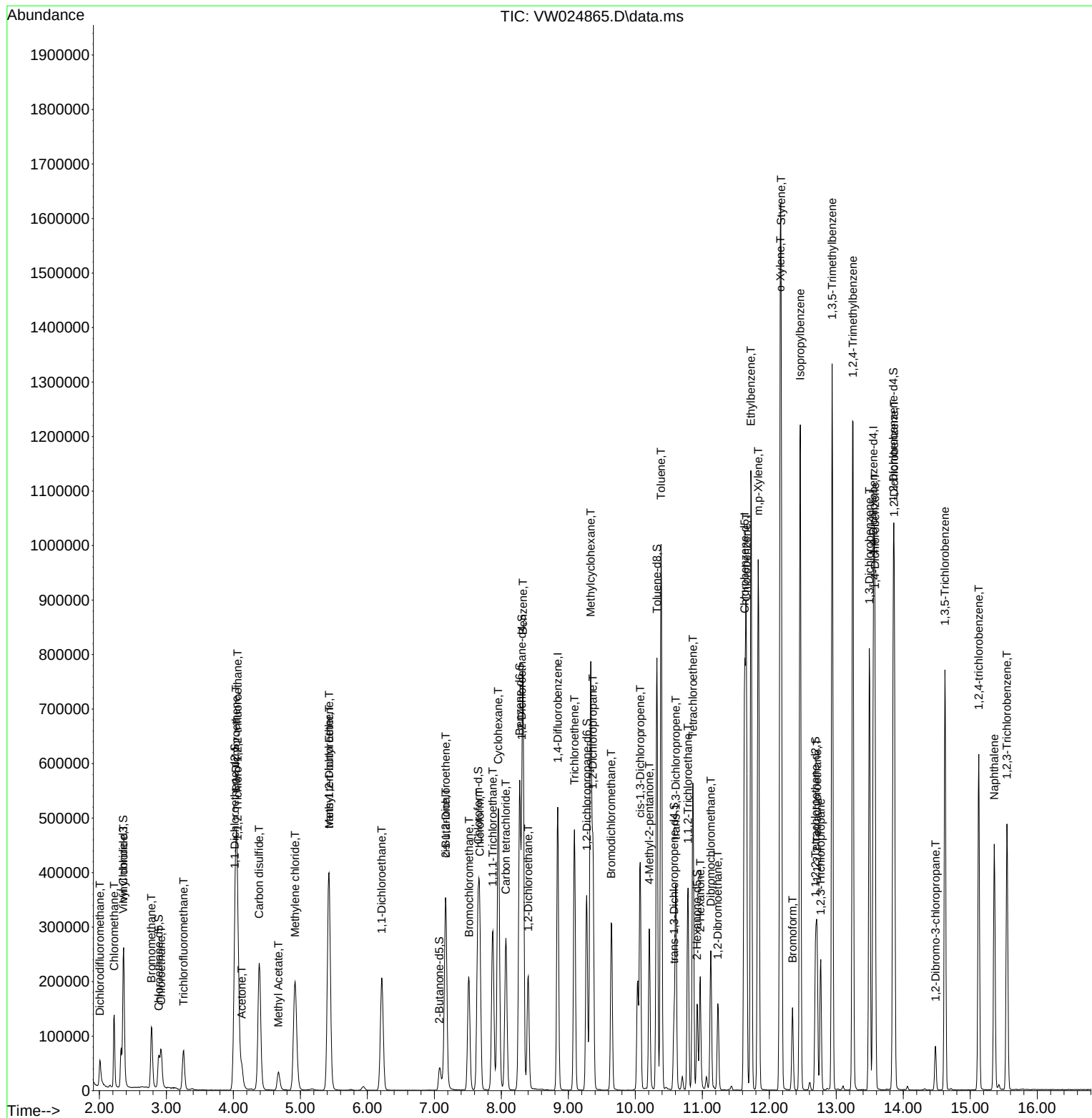
Quant Time: Oct 12 22:47:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

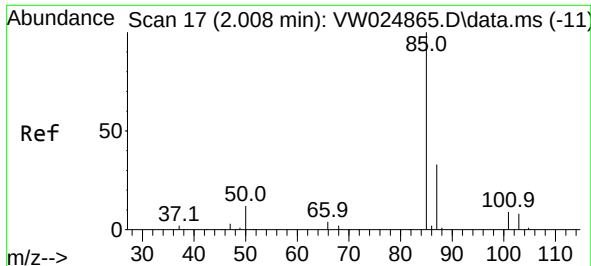
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	117324	26.252	ug/L	100
46) Tetrachloroethene	10.860	164	123287	28.044	ug/L	100
48) 2-Hexanone	10.969	43	128233	50.013	ug/L	100
49) Dibromochloromethane	11.128	129	131472	26.574	ug/L	100
50) 1,2-Dibromoethane	11.231	107	111324	26.442	ug/L	100
51) Chlorobenzene	11.658	112	440537	26.628	ug/L	100
52) Ethylbenzene	11.725	91	806971	27.377	ug/L	100
53) m,p-Xylene	11.835	106	309256	27.615	ug/L	100
54) o-Xylene	12.164	106	294938	27.660	ug/L	100
55) Styrene	12.176	104	509138	27.839	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	140806	25.824	ug/L	100
59) Bromoform	12.347	173	63602	25.573	ug/L	100
60) Isopropylbenzene	12.463	105	801616	26.737	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	100548	24.603	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	696745	27.067	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	686780	27.672	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	323804	26.519	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	320044	25.894	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	292966	26.994	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	21720	24.549	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	215613	27.046	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	171871	26.572	ug/L	100
71) Naphthalene	15.359	128	370129	26.410	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	148319	26.865	ug/L	100

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

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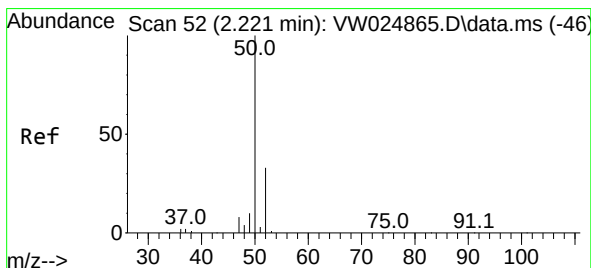
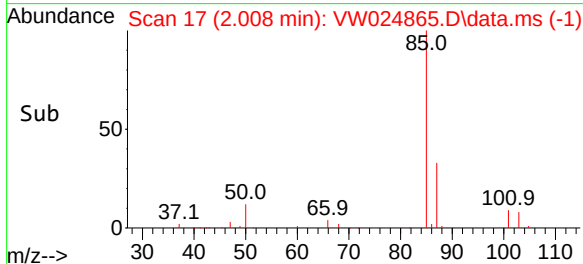
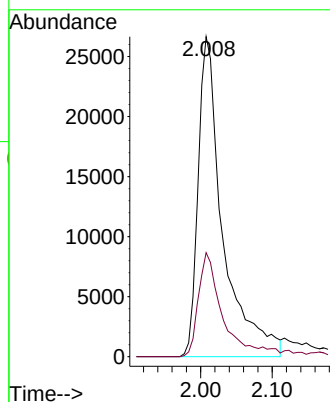
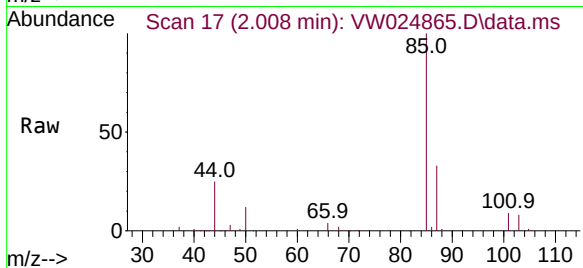




#2
 Dichlorodifluoromethane
 Concen: 33.289 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

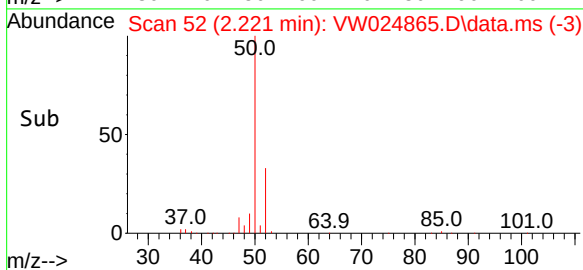
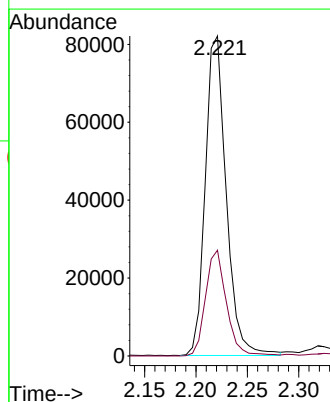
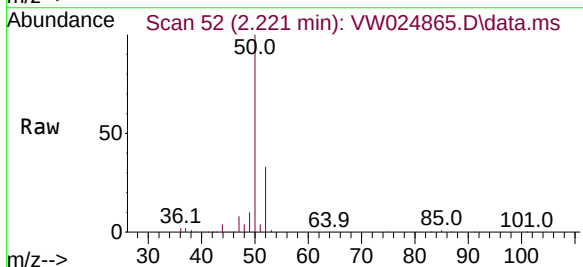
Instrument :
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 ClientSampleId :
 VSTD025457

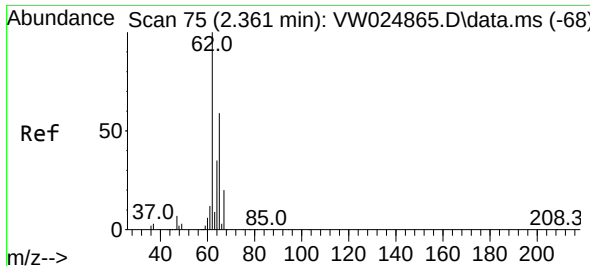
Tgt Ion: 85 Resp: 63930
 Ion Ratio Lower Upper
 85 100
 87 30.3 26.8 40.2



#3
 Chloromethane
 Concen: 26.387 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

Tgt Ion: 50 Resp: 116261
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

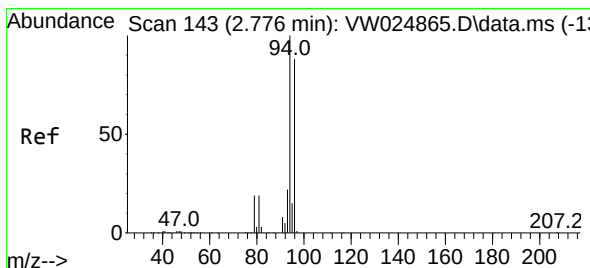
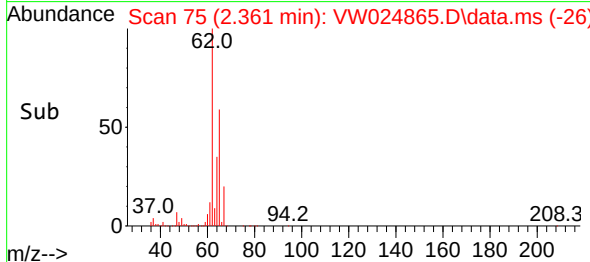
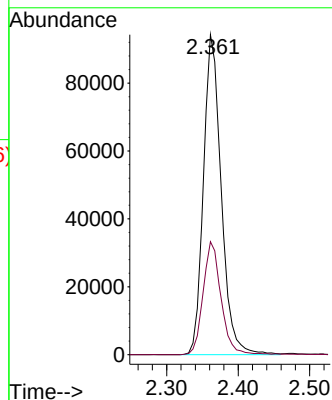
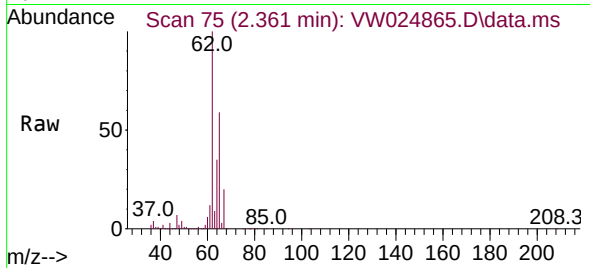




#5
 Vinyl chloride
 Concen: 27.112 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

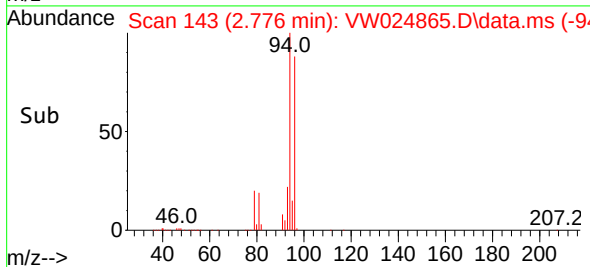
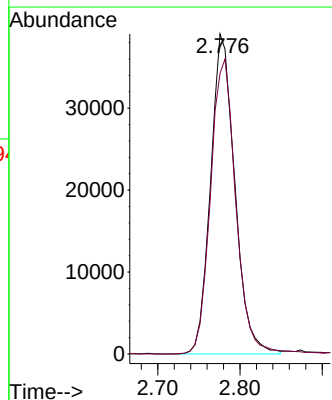
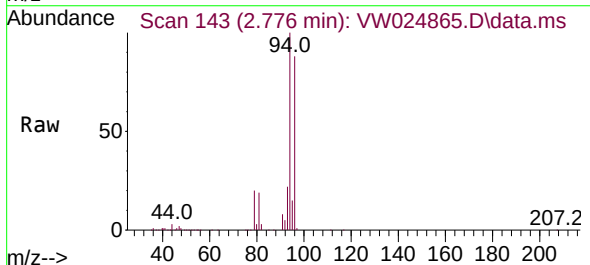
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 ClientSampleId :
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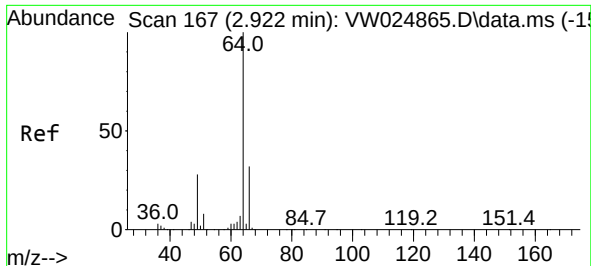
Tgt Ion: 62 Resp: 162976
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.7 45.9



#6
 Bromomethane
 Concen: 27.414 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

Tgt Ion: 94 Resp: 80038
 Ion Ratio Lower Upper
 94 100
 96 87.7 61.4 114.0





#8

Chloroethane

Concen: 27.217 ug/L

RT: 2.922 min Scan# 167

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

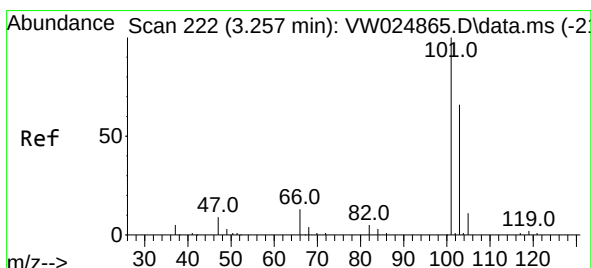
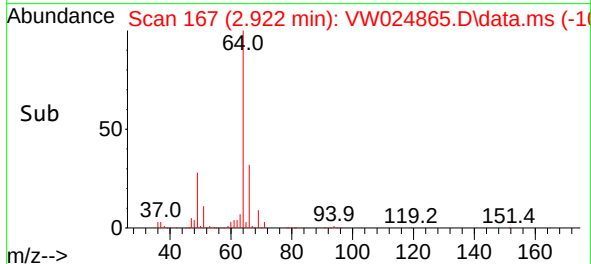
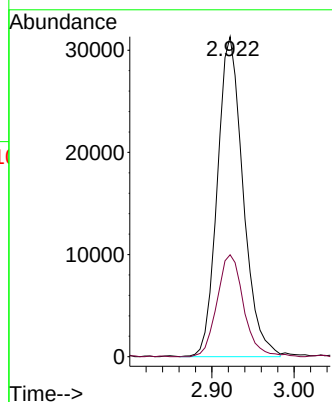
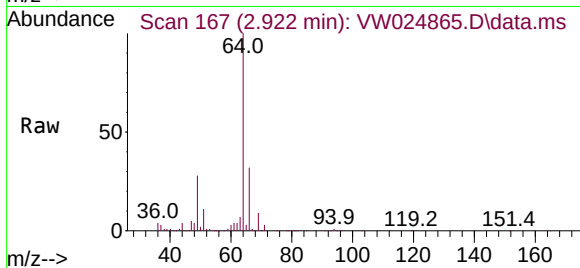
VSTD025457

Tgt Ion: 64 Resp: 68170

Ion Ratio Lower Upper

64 100

66 31.9 22.3 41.5



#9

Trichlorofluoromethane

Concen: 25.831 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.000 min

Lab File: VW024865.D

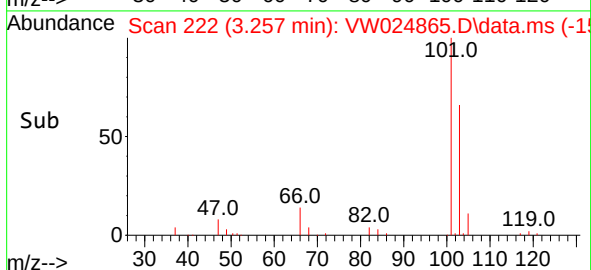
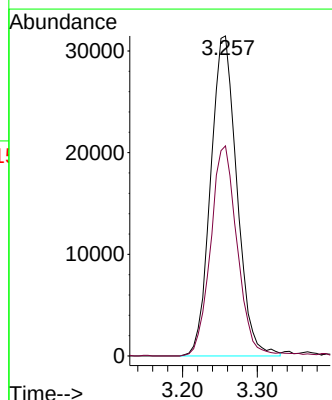
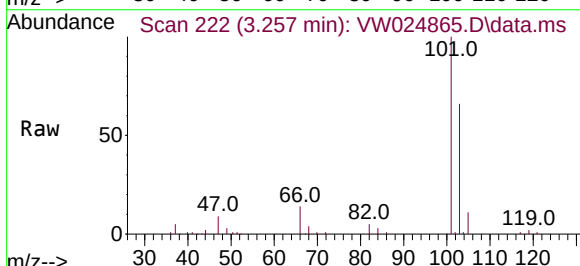
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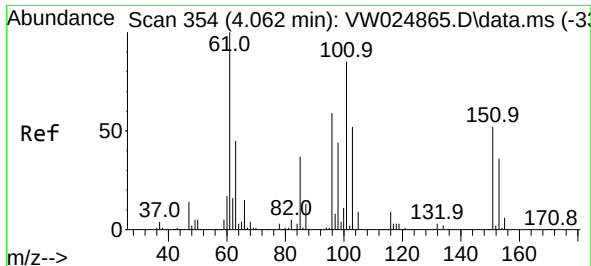
Tgt Ion: 101 Resp: 76807

Ion Ratio Lower Upper

101 100

103 66.1 52.9 79.3

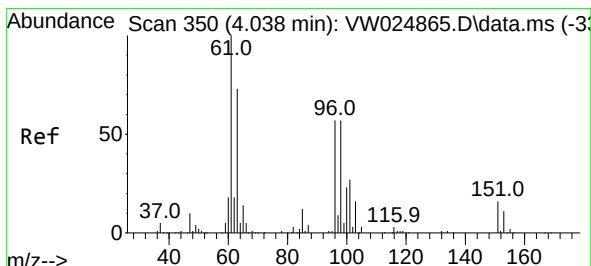
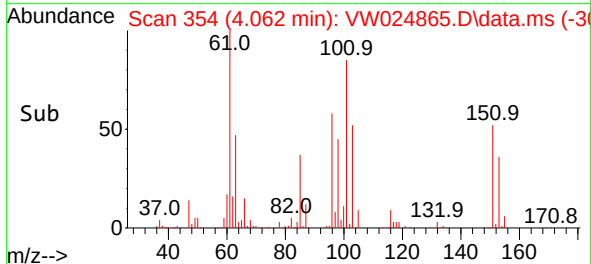
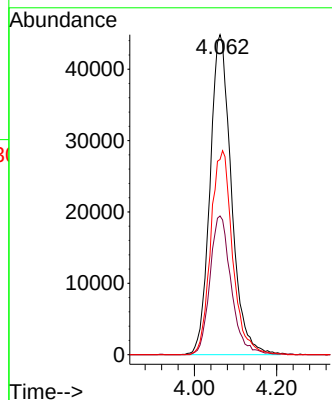
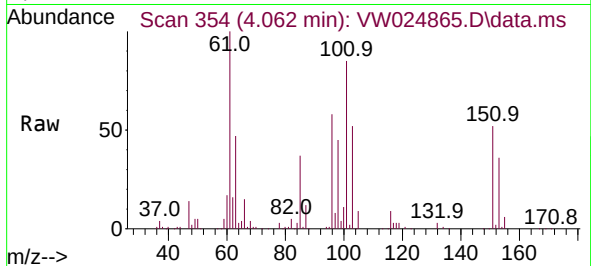




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.730 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

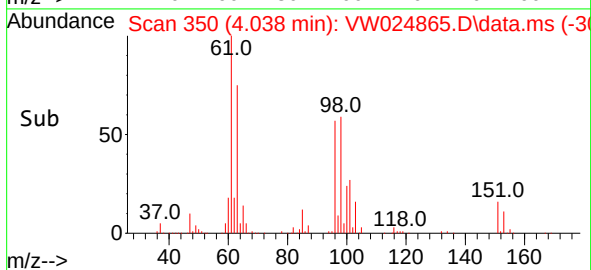
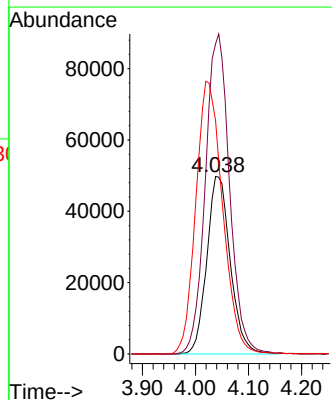
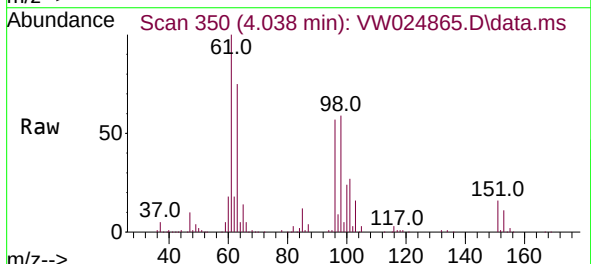
Instrument :
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 VSTD025457

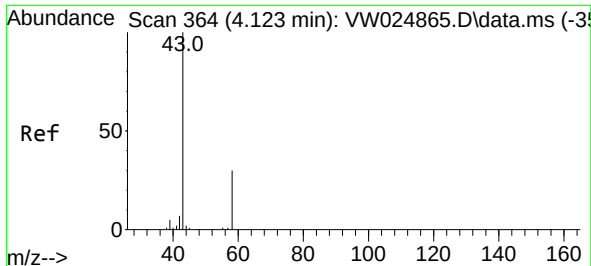
Tgt Ion:101 Resp: 161825
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.6 50.4
 151 65.0 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 26.728 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

Tgt Ion: 96 Resp: 153117
 Ion Ratio Lower Upper
 96 100
 61 174.8 122.4 227.2
 63 131.6 92.1 171.1





#13

Acetone

Concen: 45.816 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

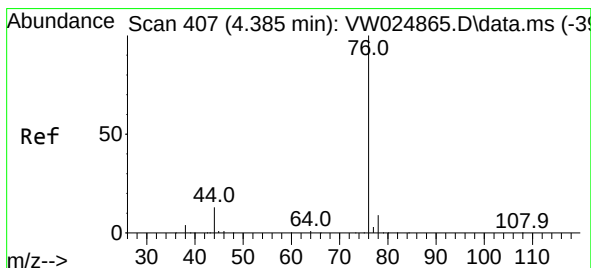
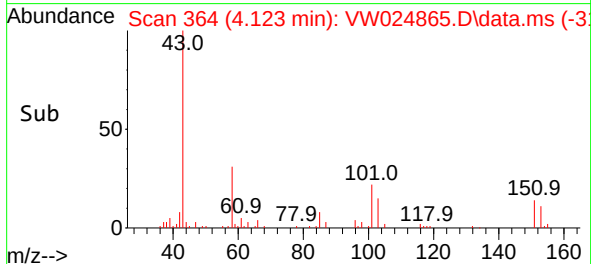
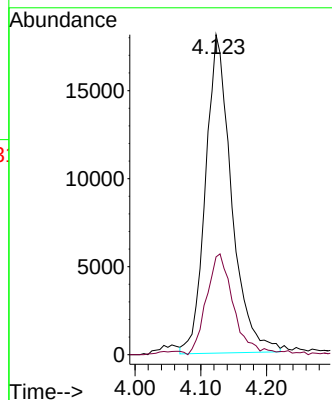
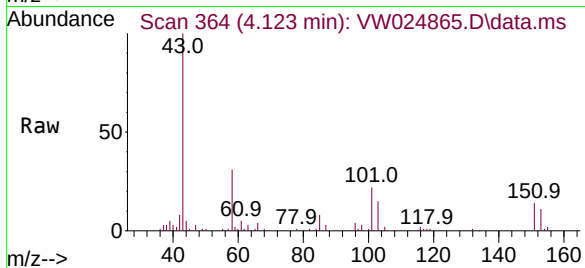
VSTD025457

Tgt Ion: 43 Resp: 49752

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.2



#14

Carbon disulfide

Concen: 28.148 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW024865.D

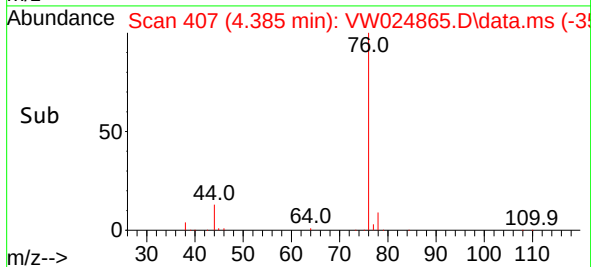
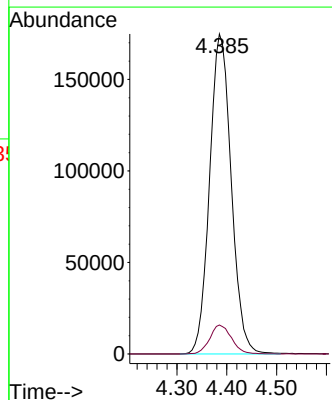
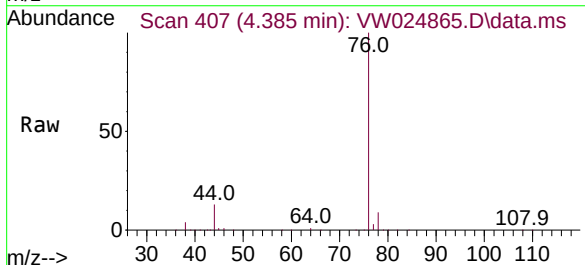
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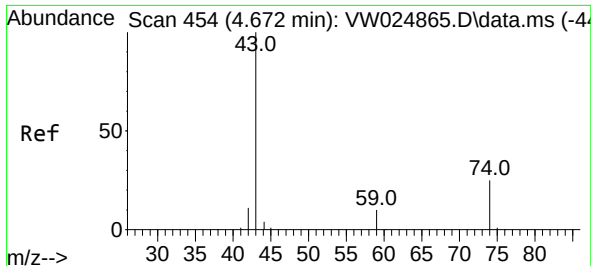
Tgt Ion: 76 Resp: 526699

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

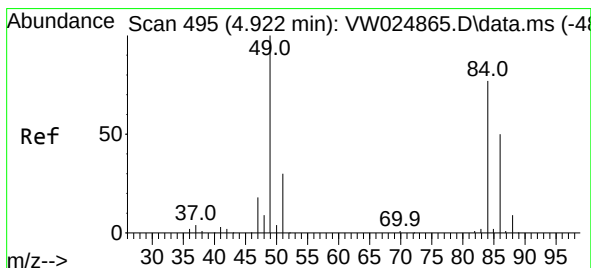
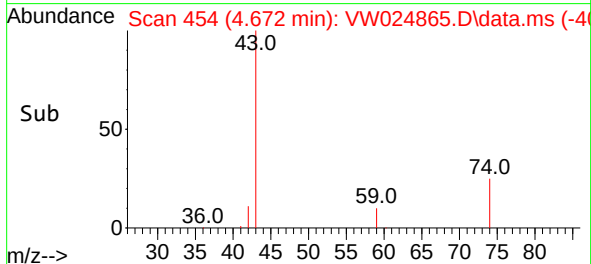
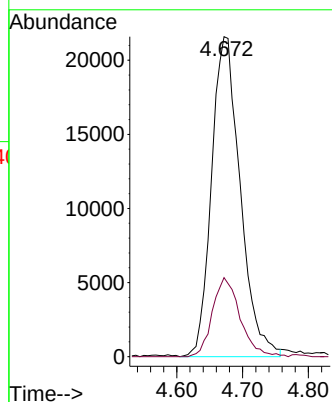
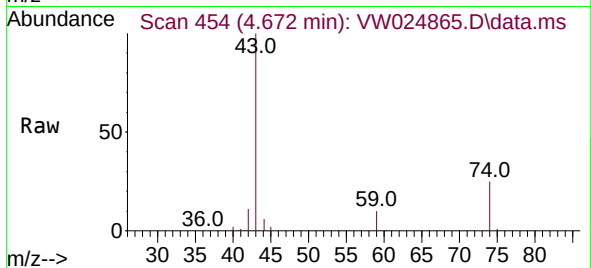




#15
Methyl Acetate
Concen: 24.606 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

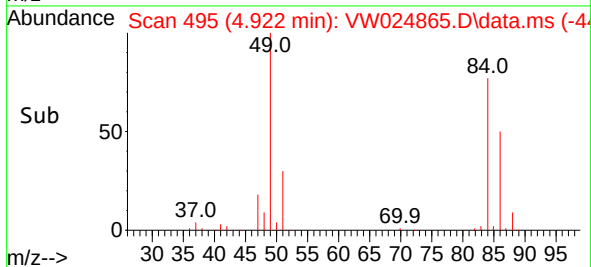
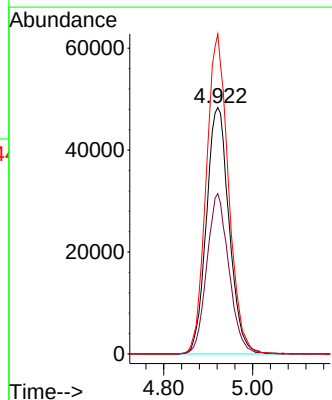
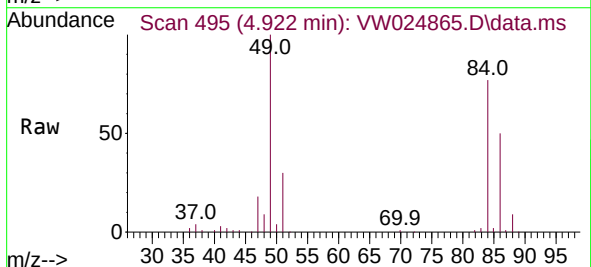
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

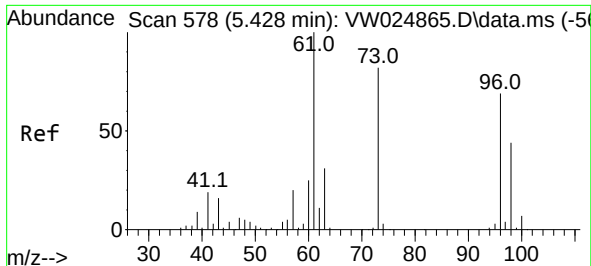
Tgt Ion: 43 Resp: 65570
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6



#16
Methylene chloride
Concen: 23.025 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion: 84 Resp: 171905
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 129.9 90.9 168.9

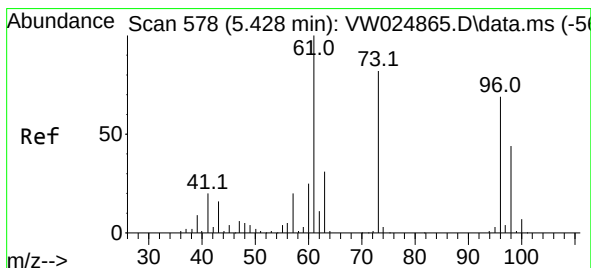
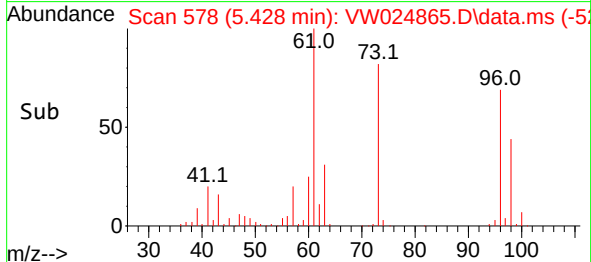
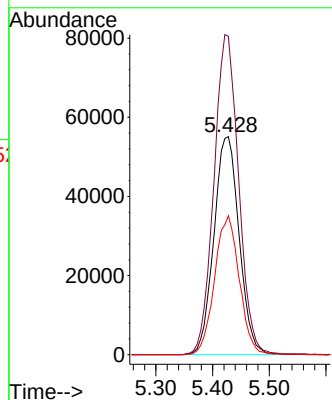
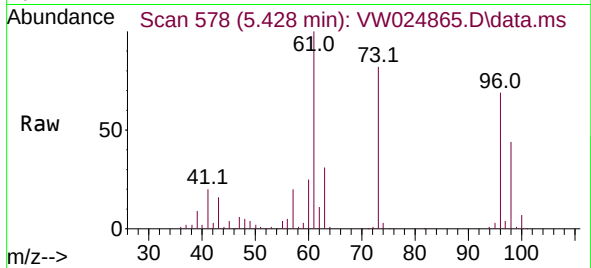




#17
trans-1,2-Dichloroethene
Concen: 27.320 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

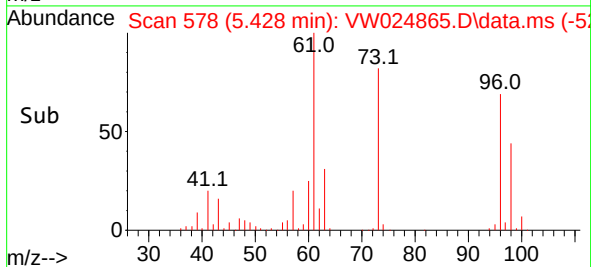
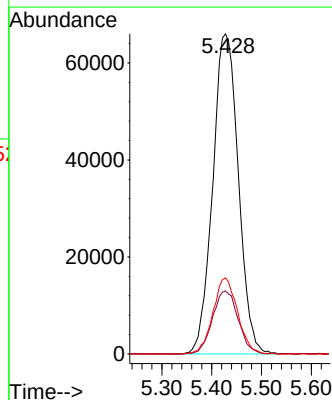
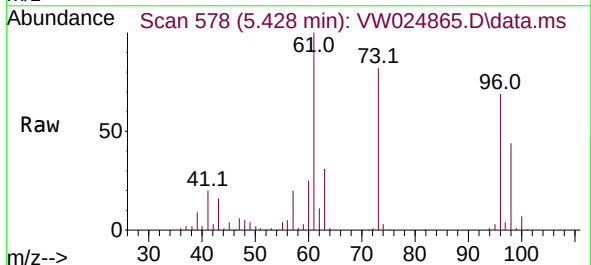
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

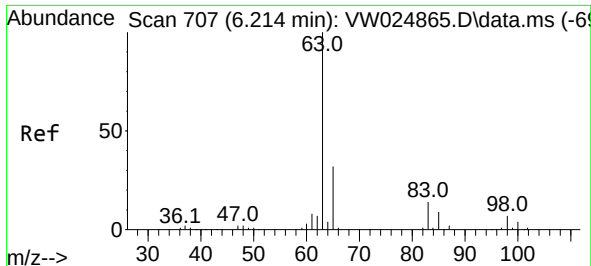
Tgt Ion: 96 Resp: 170358
Ion Ratio Lower Upper
96 100
61 146.0 102.2 189.8
98 63.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 25.437 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion: 73 Resp: 235708
Ion Ratio Lower Upper
73 100
43 19.7 15.8 23.6
57 22.8 18.2 27.4

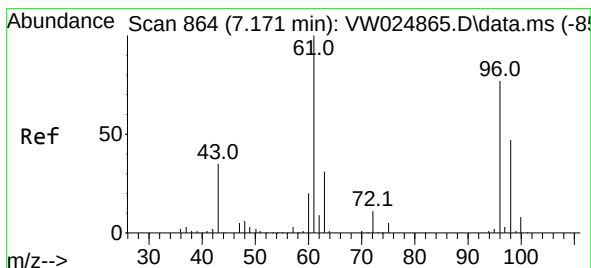
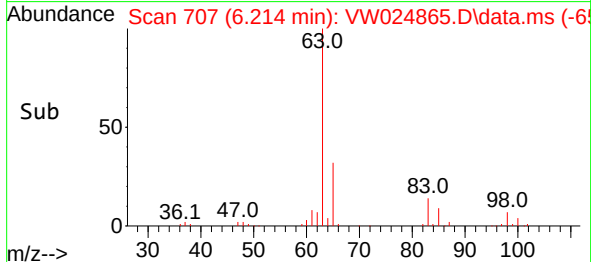
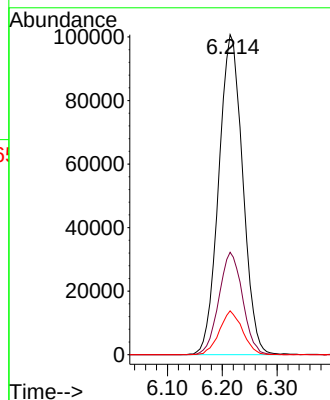
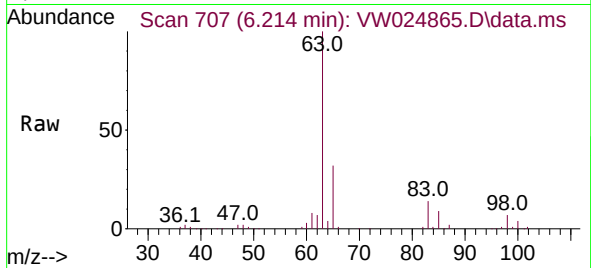




#19
 1,1-Dichloroethane
 Concen: 26.532 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

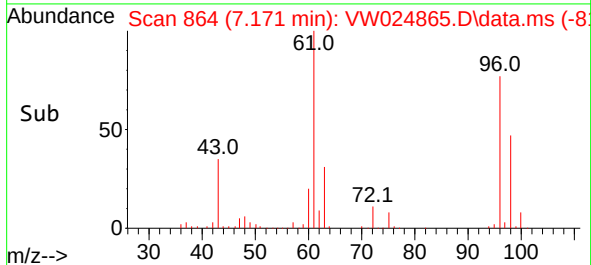
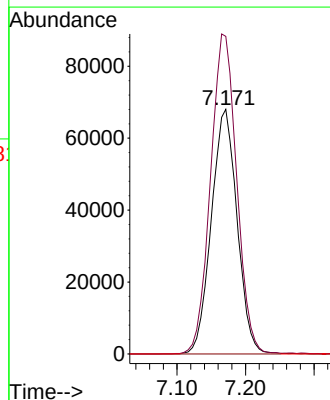
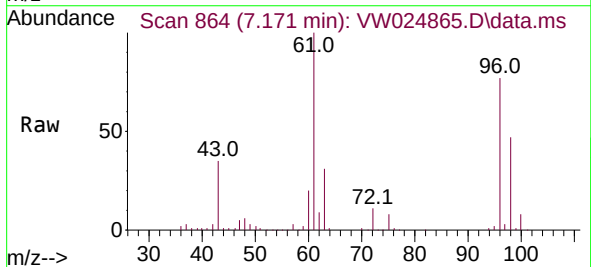
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025457

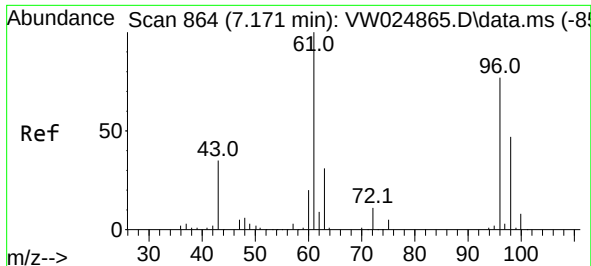
Tgt Ion: 63 Resp: 306089
 Ion Ratio Lower Upper
 63 100
 65 32.0 22.4 41.6
 83 13.7 9.6 17.8



#20
 cis-1,2-Dichloroethene
 Concen: 26.346 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

Tgt Ion: 96 Resp: 177446
 Ion Ratio Lower Upper
 96 100
 61 129.8 90.9 168.7
 68 0.0 0.0 0.0

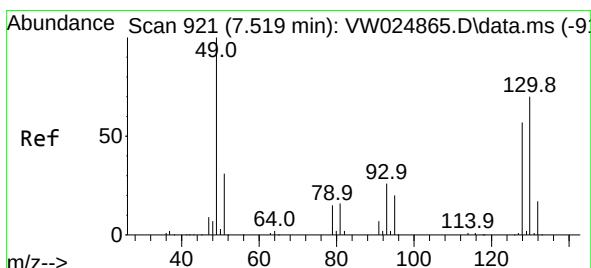
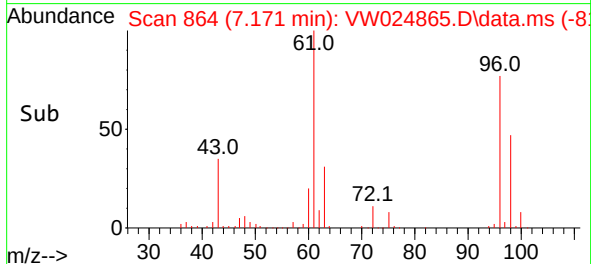
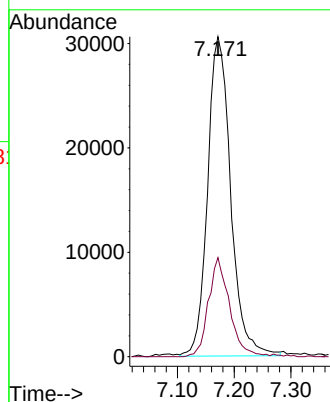
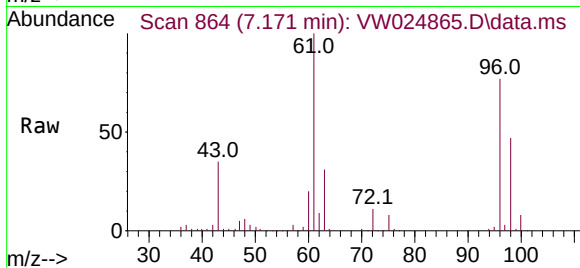




#22
2-Butanone
Concen: 46.990 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

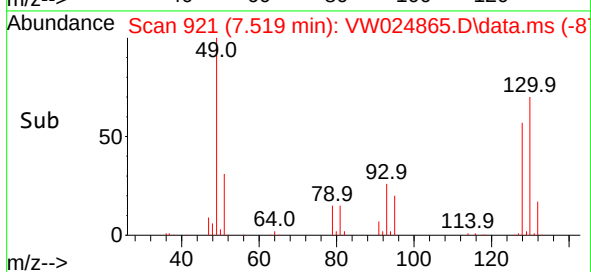
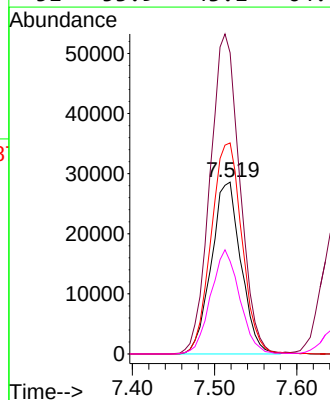
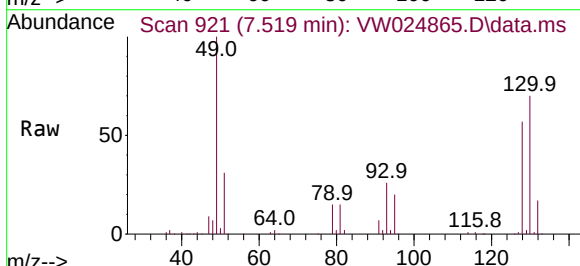
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

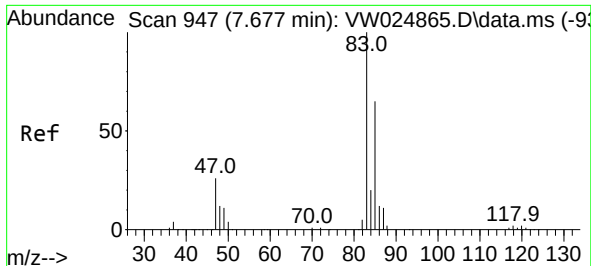
Tgt Ion: 43 Resp: 86705
Ion Ratio Lower Upper
43 100
72 28.2 14.1 42.3



#23
Bromochloromethane
Concen: 25.895 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion: 128 Resp: 71381
Ion Ratio Lower Upper
128 100
49 175.3 122.7 227.9
130 122.9 86.0 159.8
51 53.9 43.1 64.7

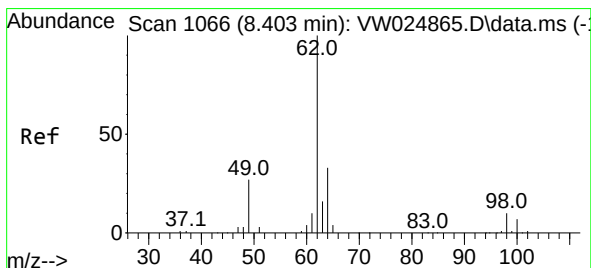
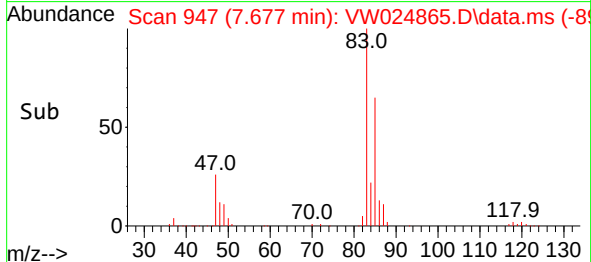
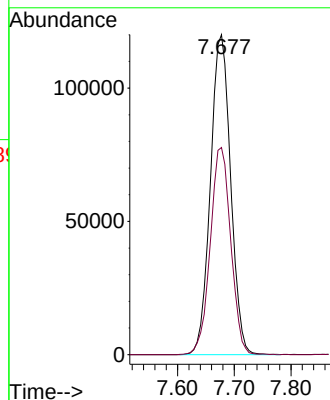
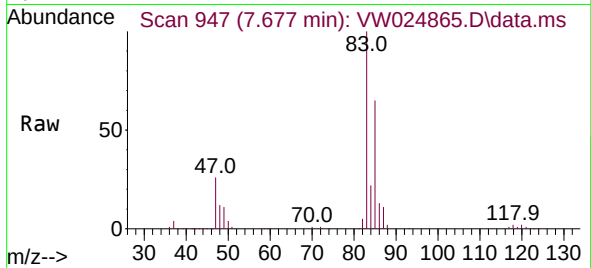




#25
Chloroform
Concen: 26.224 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

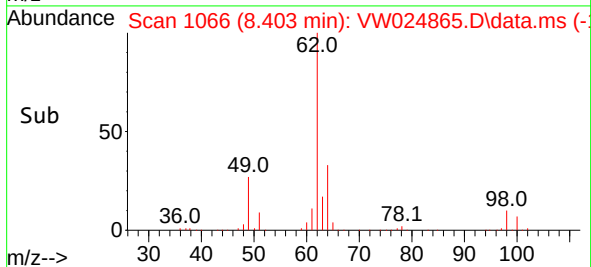
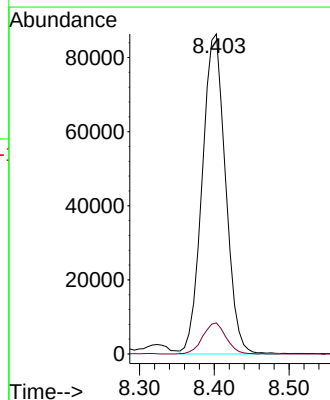
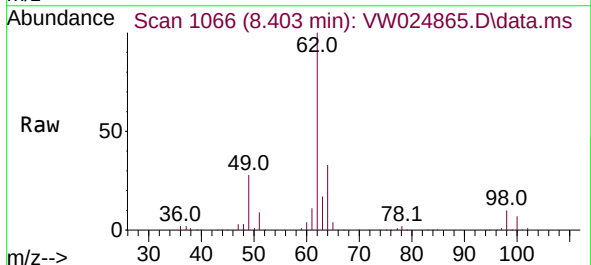
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

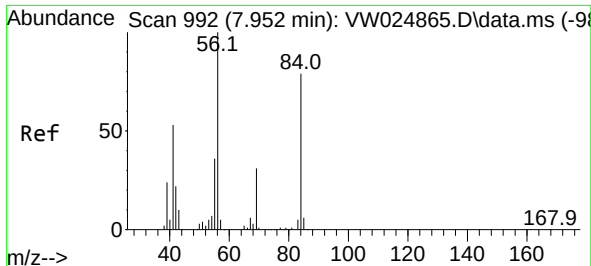
Tgt Ion: 83 Resp: 296951
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1



#27
1,2-Dichloroethane
Concen: 25.529 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion: 62 Resp: 186949
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 28.269 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025457

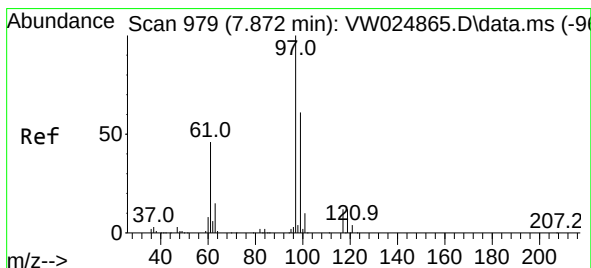
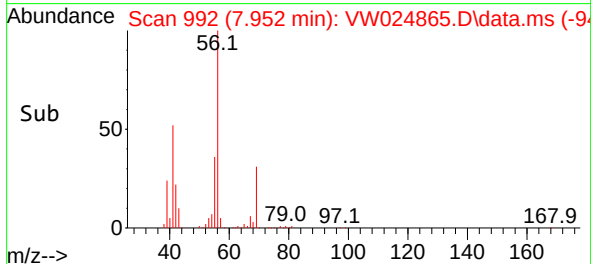
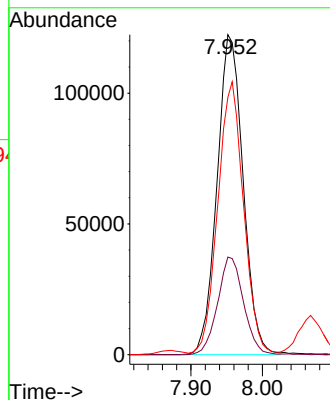
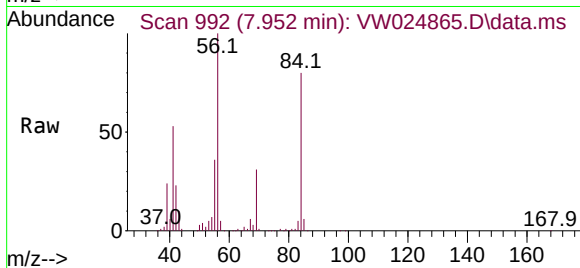
Tgt Ion: 56 Resp: 309821

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.2

84 84.6 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 27.522 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

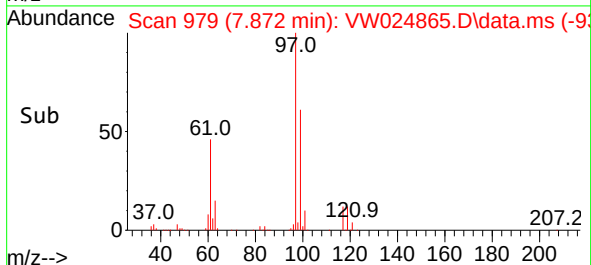
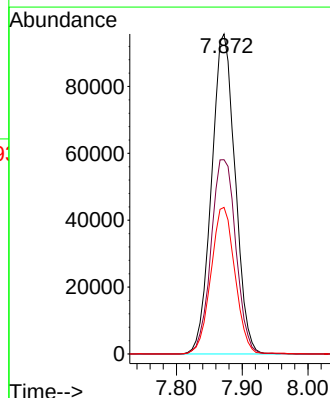
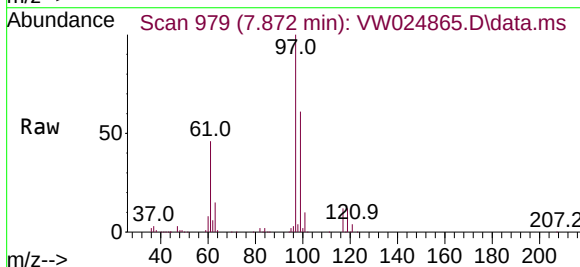
Tgt Ion: 97 Resp: 238856

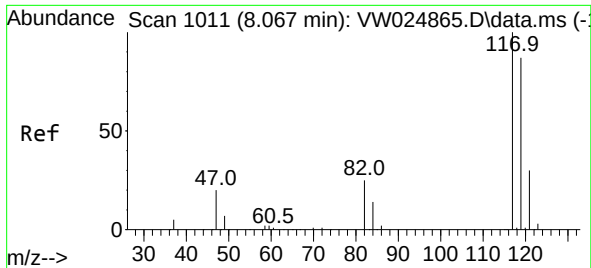
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 46.6 37.3 55.9

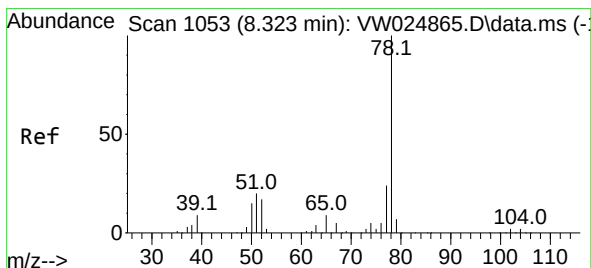
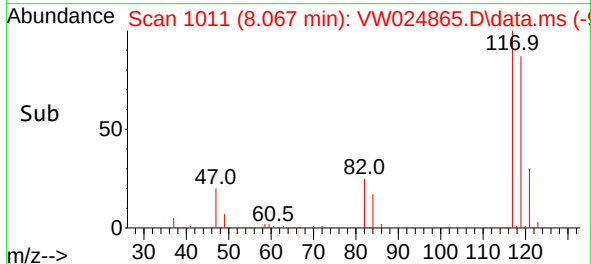
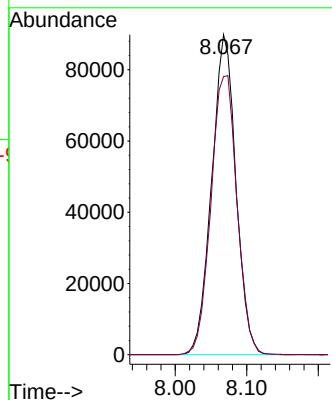
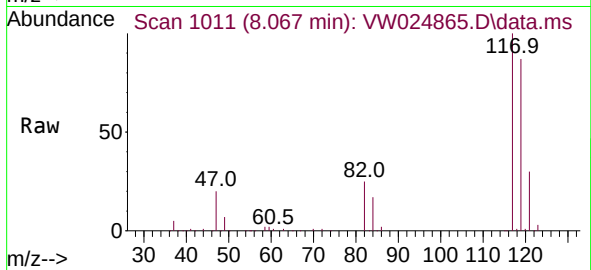




#31
Carbon tetrachloride
Concen: 27.709 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

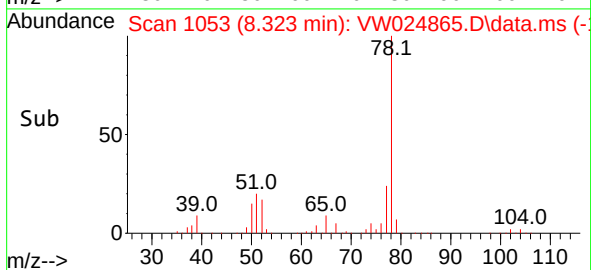
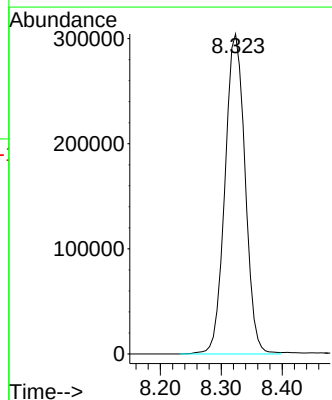
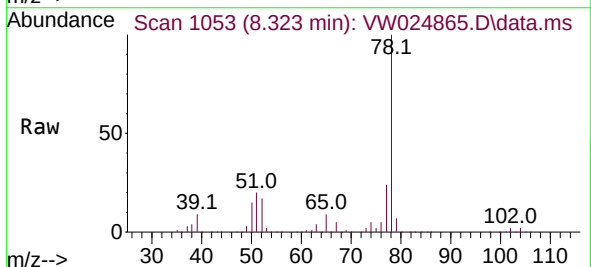
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

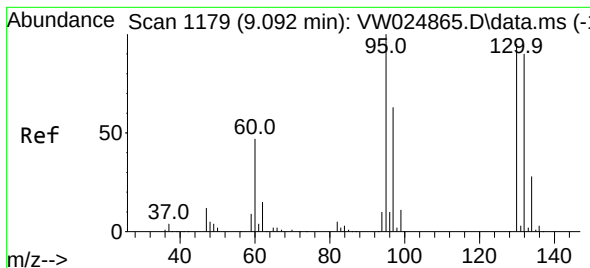
Tgt Ion:117 Resp: 211145
Ion Ratio Lower Upper
117 100
119 93.9 75.1 112.7



#33
Benzene
Concen: 27.206 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion: 78 Resp: 698470





#34

Trichloroethene

Concen: 27.212 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025457

Tgt Ion: 95 Resp: 175941

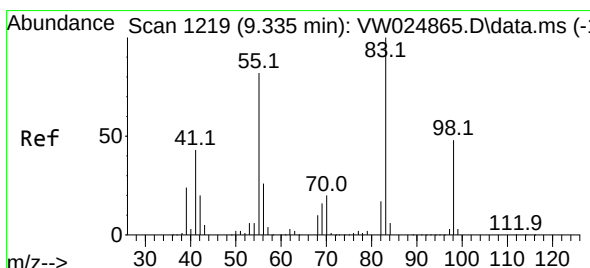
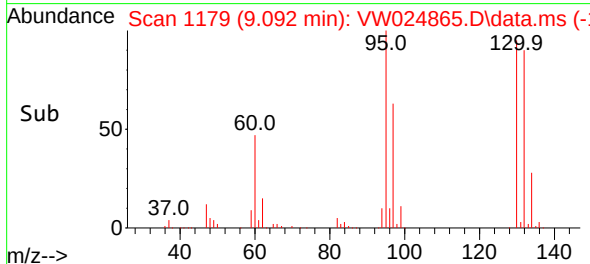
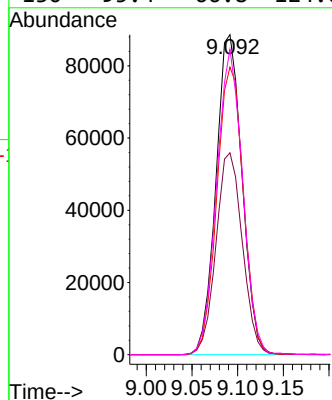
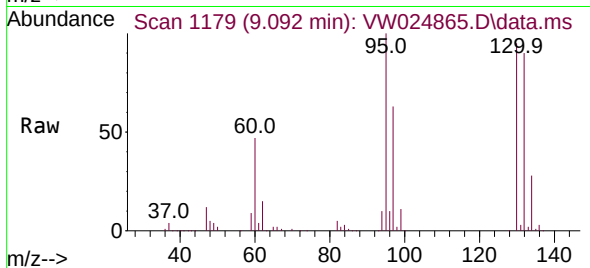
Ion Ratio Lower Upper

95 100

97 63.1 44.2 82.0

132 89.8 62.9 116.7

130 95.4 66.8 124.0



#35

Methylcyclohexane

Concen: 28.251 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

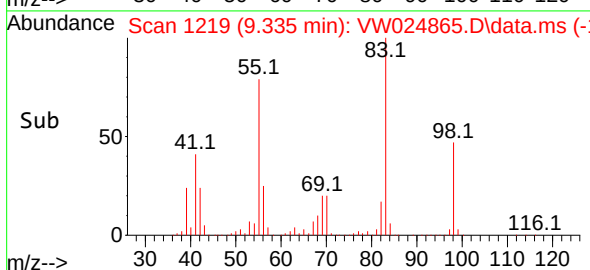
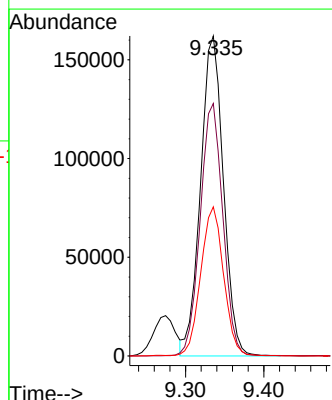
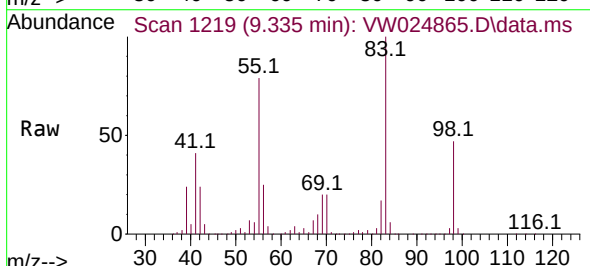
Tgt Ion: 83 Resp: 328736

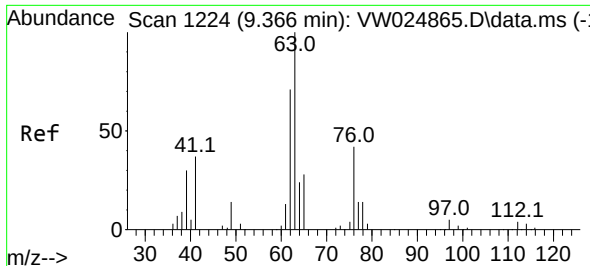
Ion Ratio Lower Upper

83 100

55 78.1 62.5 93.7

98 46.5 37.2 55.8





#37

1,2-Dichloropropane

Concen: 27.033 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

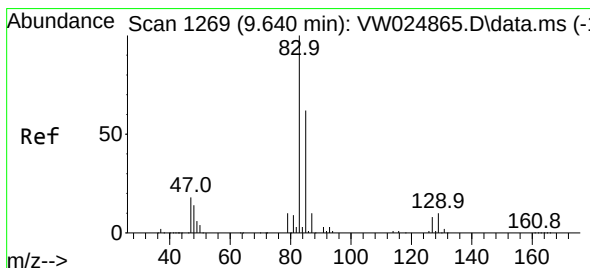
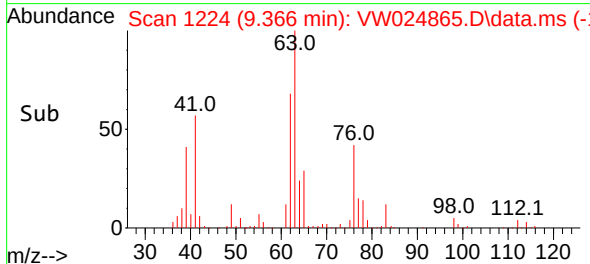
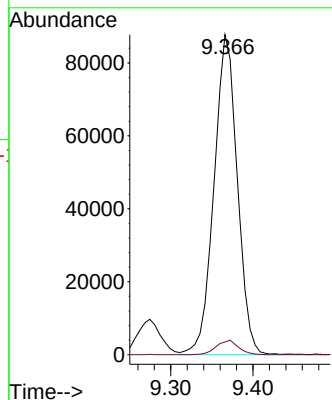
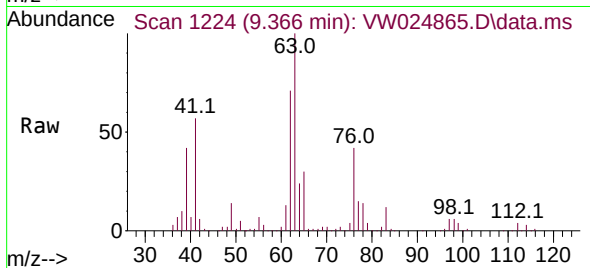
VSTD025457

Tgt Ion: 63 Resp: 172964

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 26.956 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

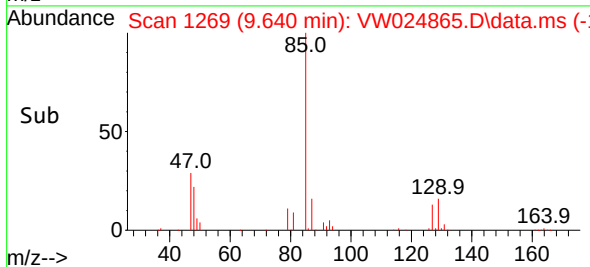
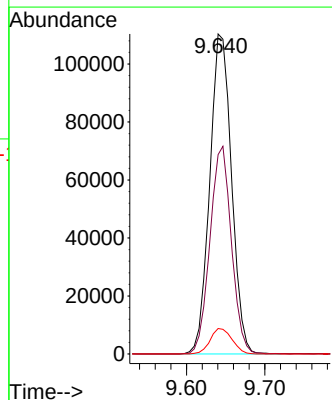
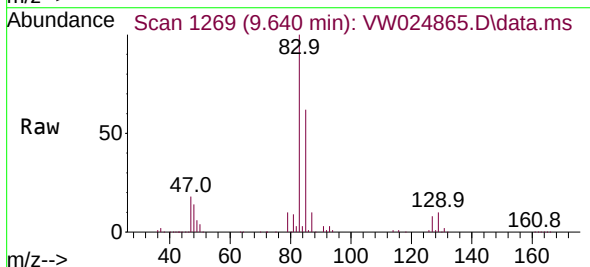
Tgt Ion: 83 Resp: 213102

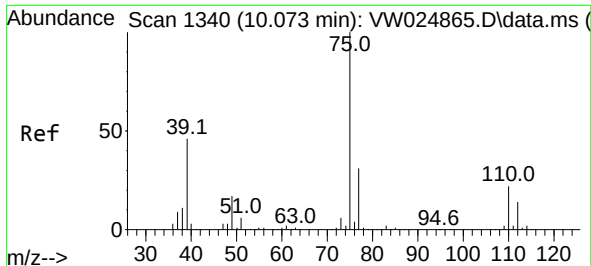
Ion Ratio Lower Upper

83 100

85 62.3 43.6 81.0

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.695 ug/L

RT: 10.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

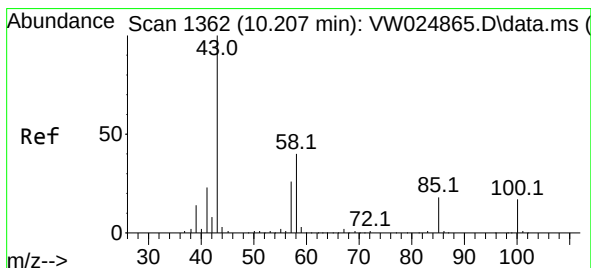
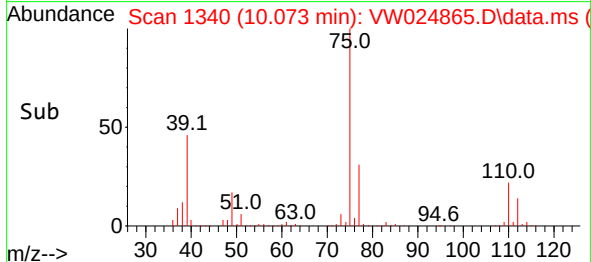
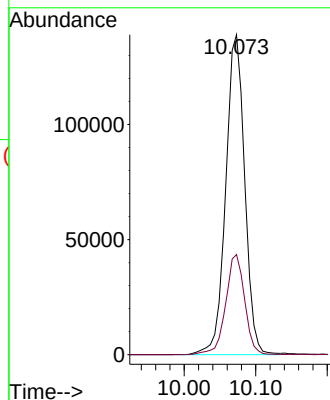
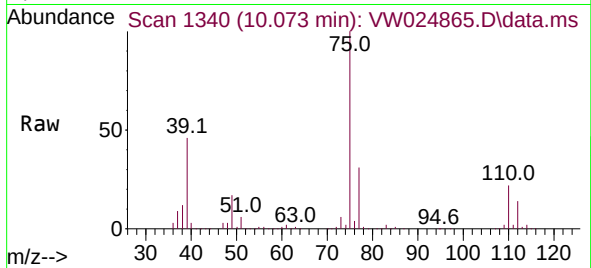
VSTD025457

Tgt Ion: 75 Resp: 256126

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 50.588 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

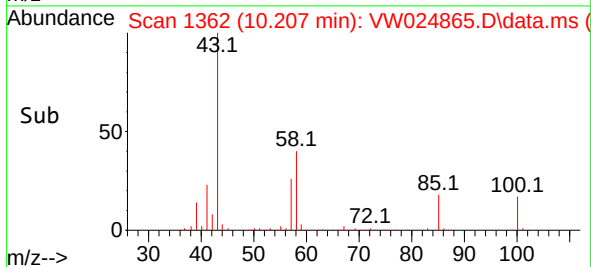
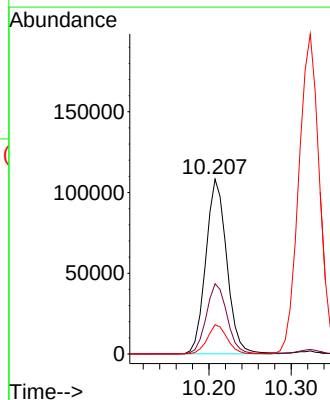
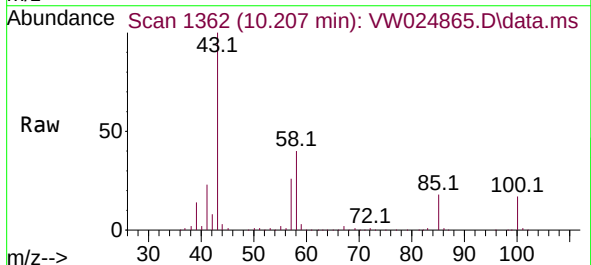
Tgt Ion: 43 Resp: 191308

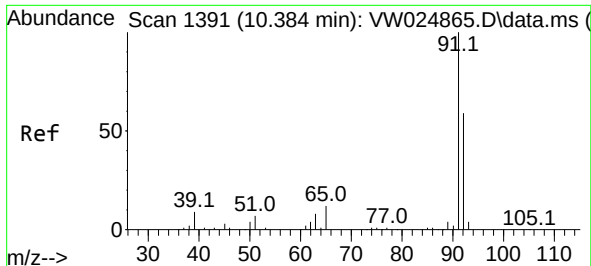
Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1

100 16.0 12.8 19.2

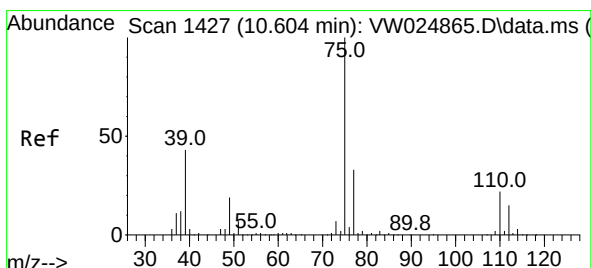
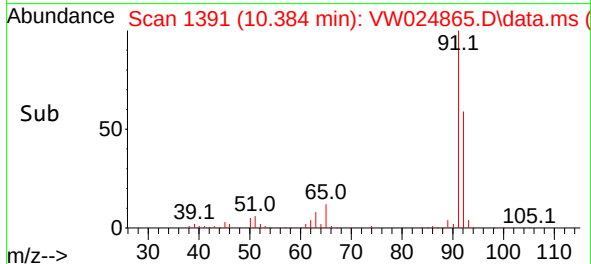
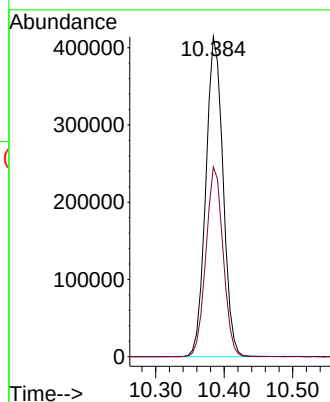
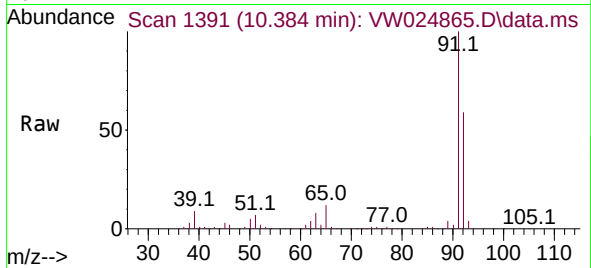




#42
Toluene
Concen: 27.478 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

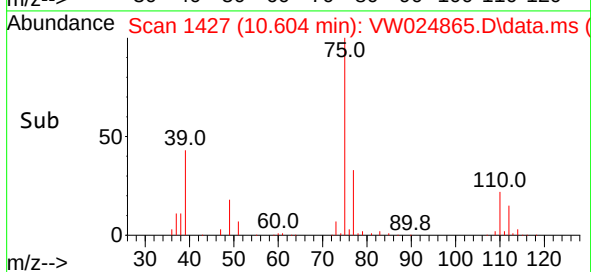
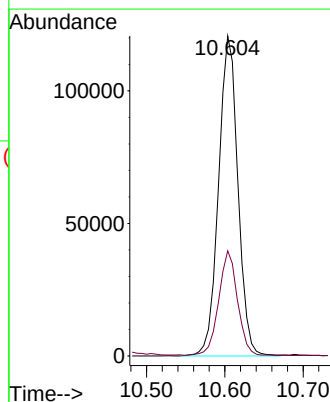
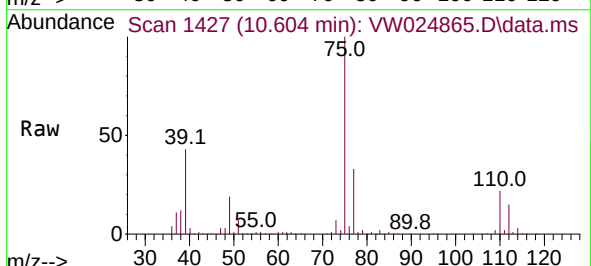
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

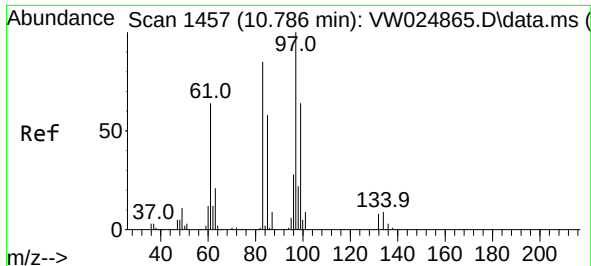
Tgt Ion: 91 Resp: 723294
Ion Ratio Lower Upper
91 100
92 59.3 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 27.023 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion: 75 Resp: 207488
Ion Ratio Lower Upper
75 100
77 32.8 23.0 42.6



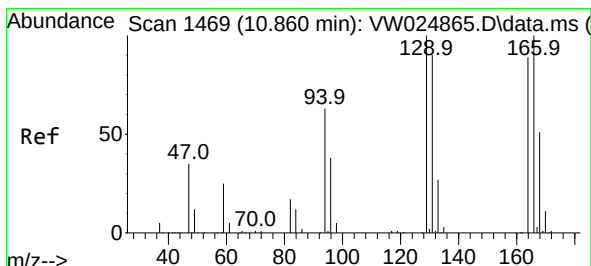
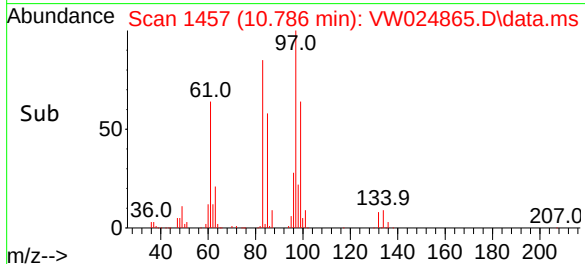
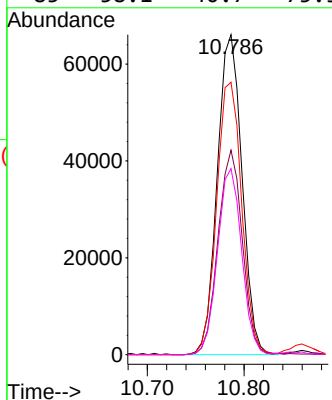
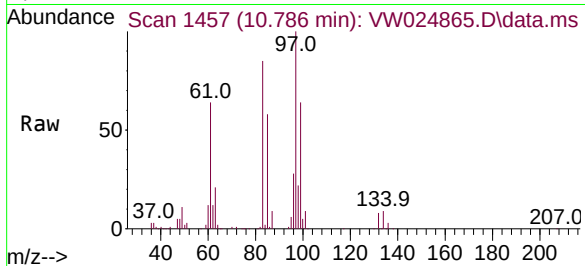


#45
1,1,2-Trichloroethane
Concen: 26.252 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

Tgt Ion: 97 Resp: 117324

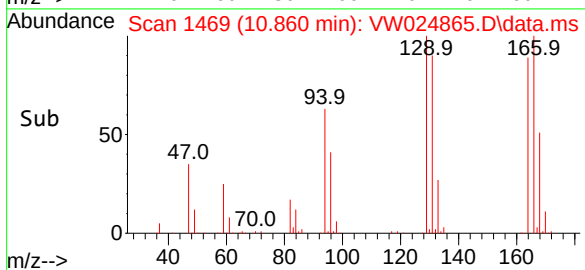
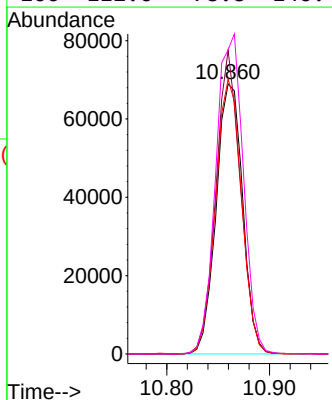
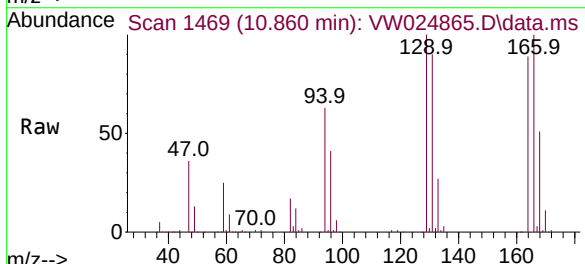
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.7	83.1
83	85.2	59.6	110.8
85	58.1	40.7	75.5

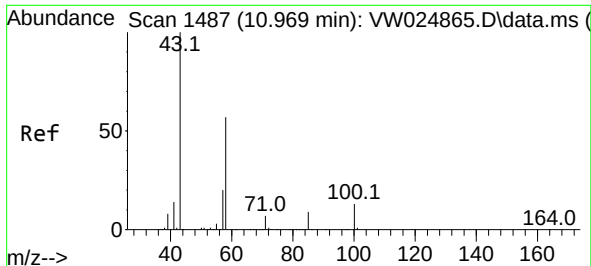


#46
Tetrachloroethene
Concen: 28.044 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion: 164 Resp: 123287

Ion	Ratio	Lower	Upper
164	100		
129	112.4	78.7	146.1
131	101.6	71.1	132.1
166	112.6	78.8	146.4

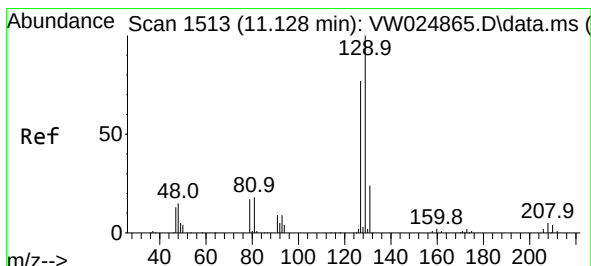
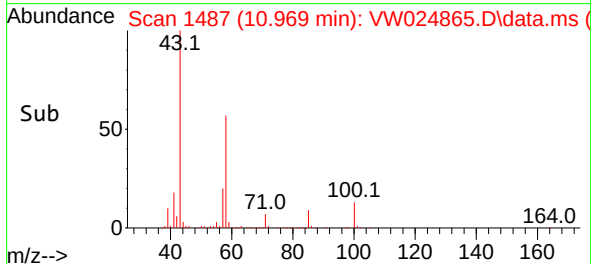
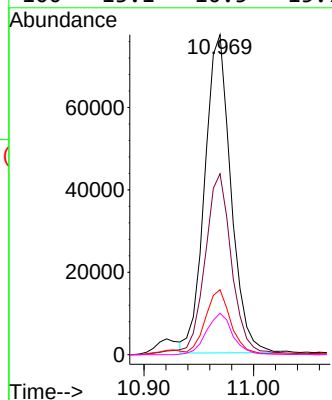
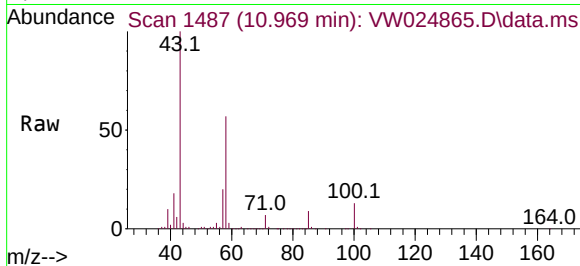




#48
2-Hexanone
Concen: 50.013 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

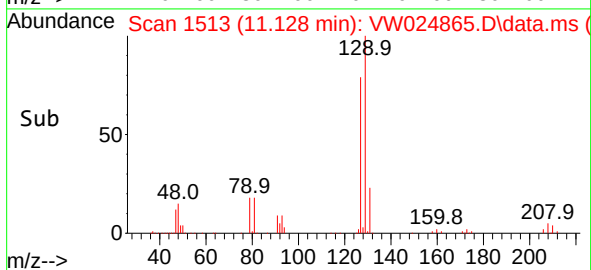
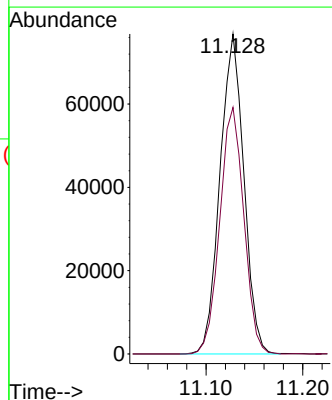
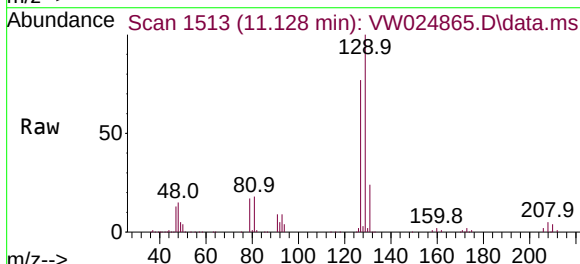
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

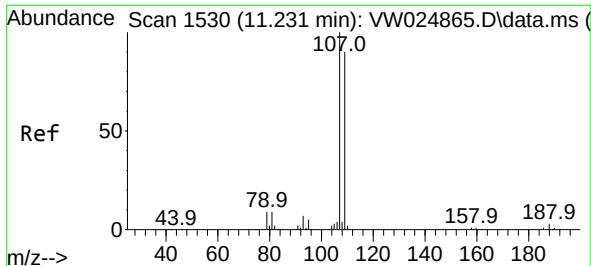
Tgt Ion: 43	Resp: 128233
Ion Ratio	Lower Upper
43 100	
58 58.8	47.0 70.6
57 20.0	16.0 24.0
100 13.1	10.5 15.7



#49
Dibromochloromethane
Concen: 26.574 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion:129	Resp: 131472
Ion Ratio	Lower Upper
129 100	
127 77.0	53.9 100.1





#50

1,2-Dibromoethane

Concen: 26.442 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025457

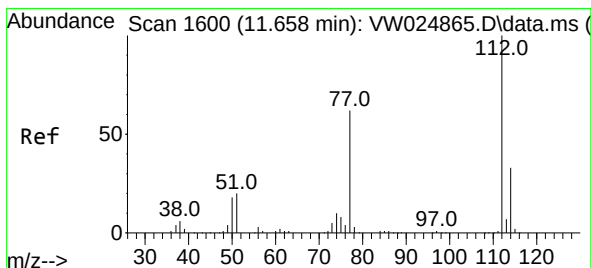
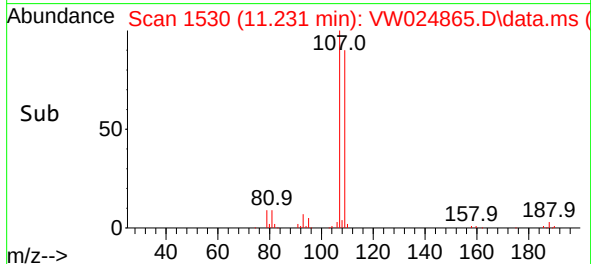
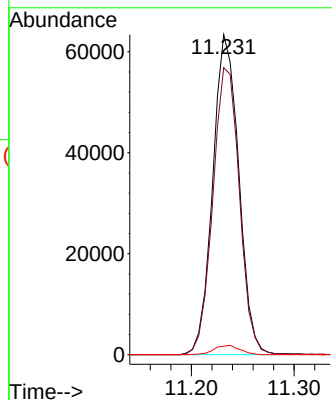
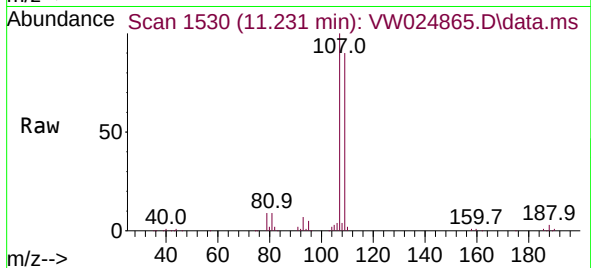
Tgt Ion:107 Resp: 111324

Ion Ratio Lower Upper

107 100

109 89.7 62.8 116.6

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 26.628 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

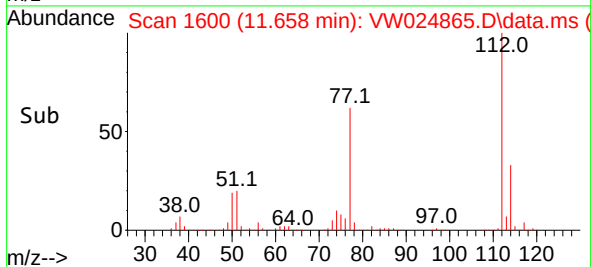
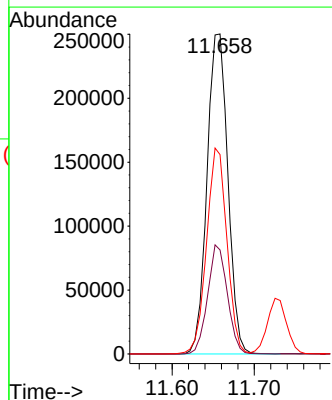
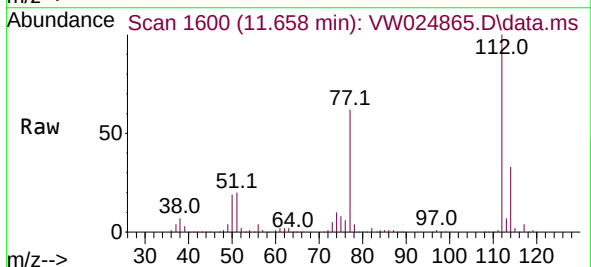
Tgt Ion:112 Resp: 440537

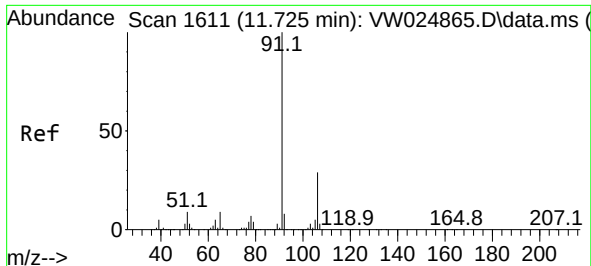
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

77 62.3 49.8 74.8

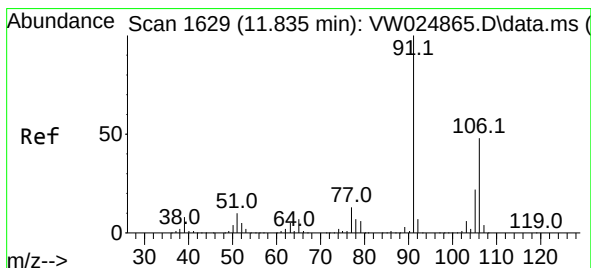
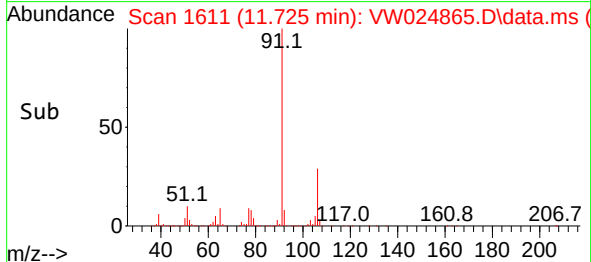
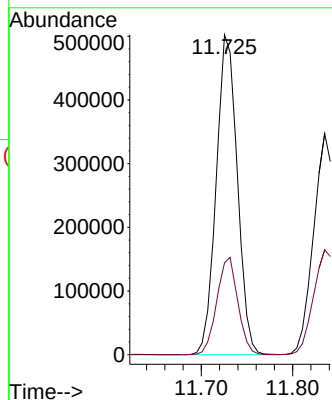
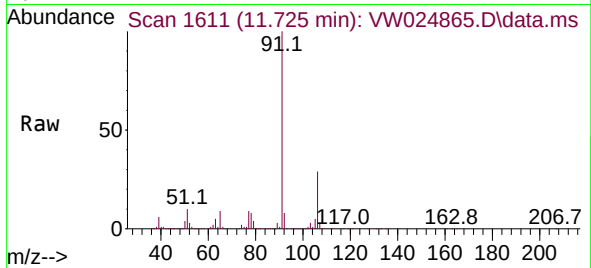




#52
Ethylbenzene
Concen: 27.377 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

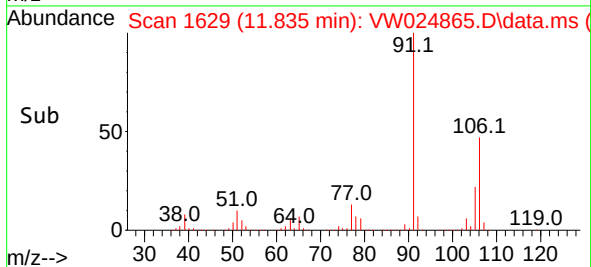
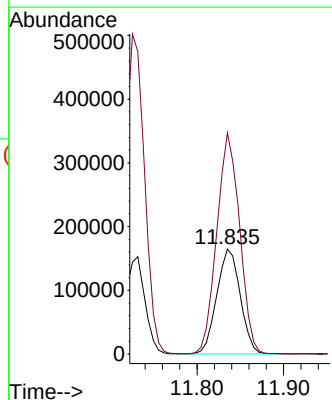
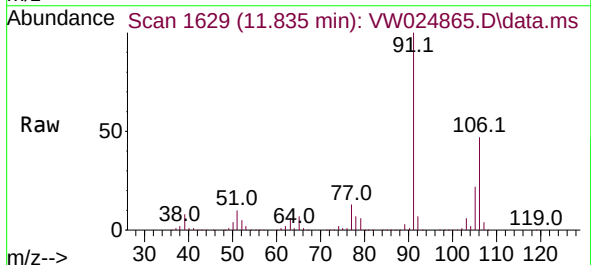
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

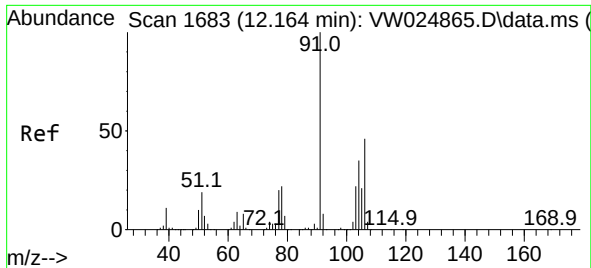
Tgt Ion: 91 Resp: 806971
Ion Ratio Lower Upper
91 100
106 28.7 20.1 37.3



#53
m,p-Xylene
Concen: 27.615 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion:106 Resp: 309256
Ion Ratio Lower Upper
106 100
91 210.6 147.4 273.8

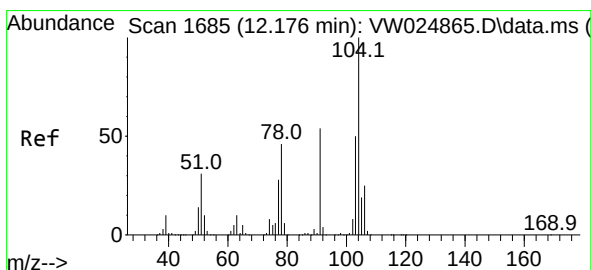
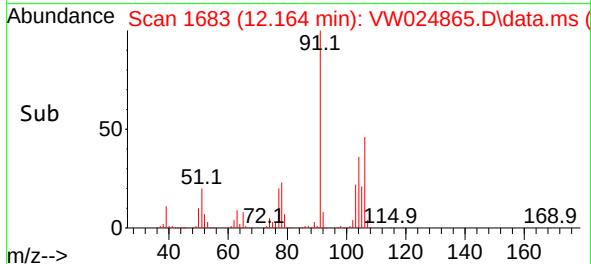
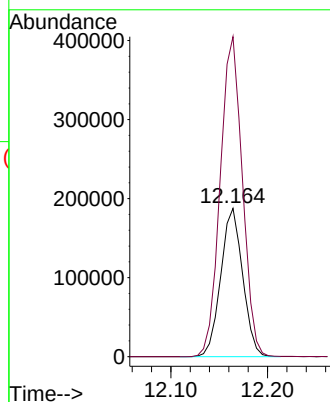
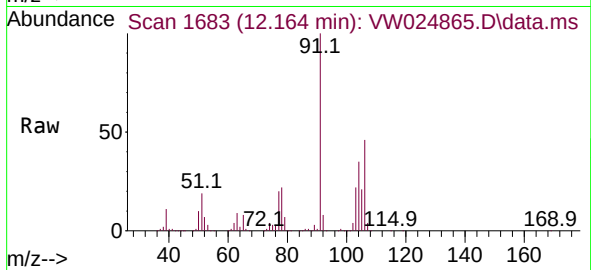




#54
o-Xylene
Concen: 27.660 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

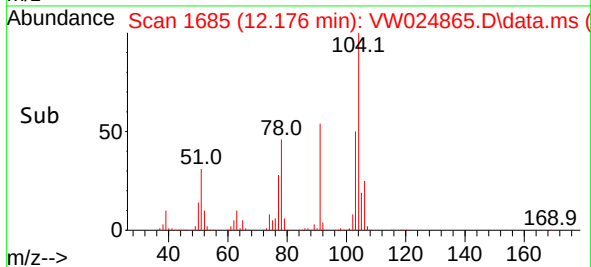
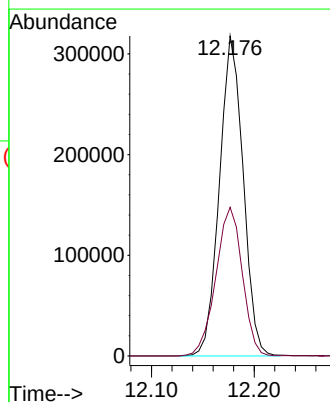
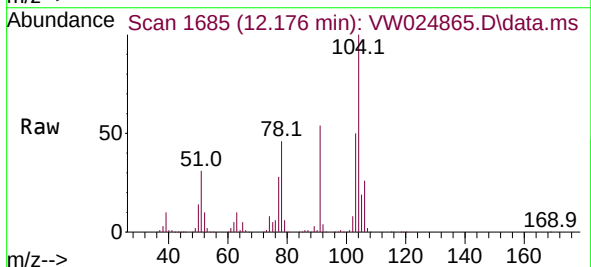
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

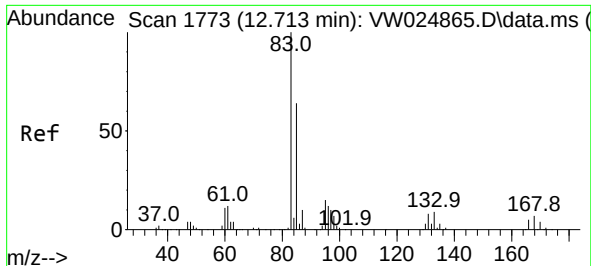
Tgt Ion:106 Resp: 294938
Ion Ratio Lower Upper
106 100
91 215.7 151.0 280.4



#55
Styrene
Concen: 27.839 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion:104 Resp: 509138
Ion Ratio Lower Upper
104 100
78 46.5 32.6 60.5





#57

1,1,2-Tetrachloroethane

Concen: 25.824 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025457

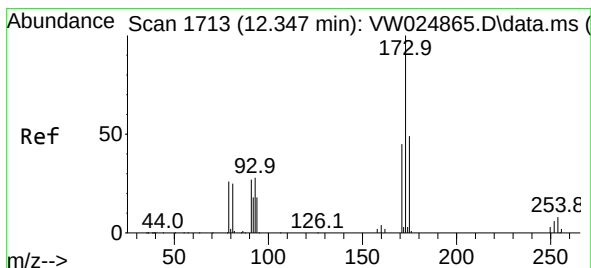
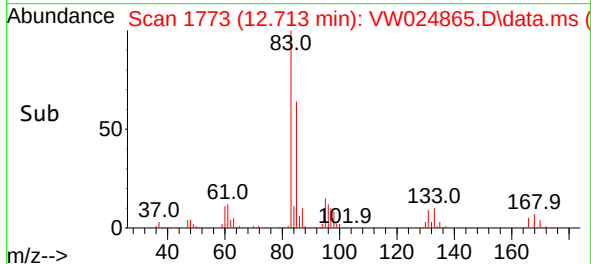
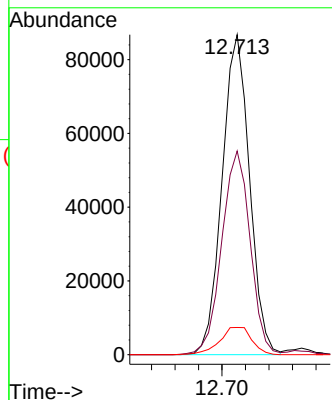
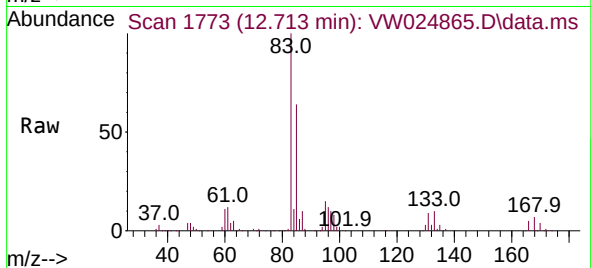
Tgt Ion: 83 Resp: 140806

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

131 8.5 6.8 10.2



#59

Bromoform

Concen: 25.573 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

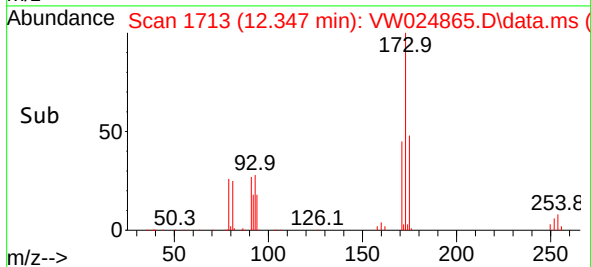
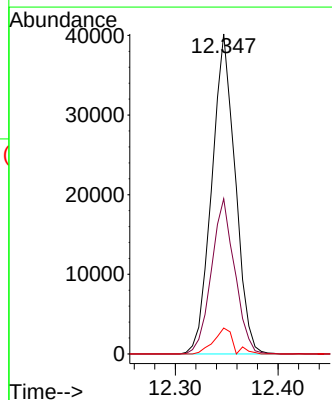
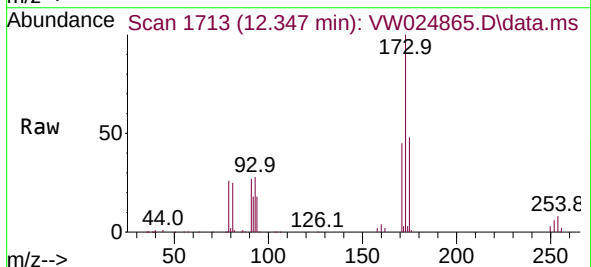
Tgt Ion: 173 Resp: 63602

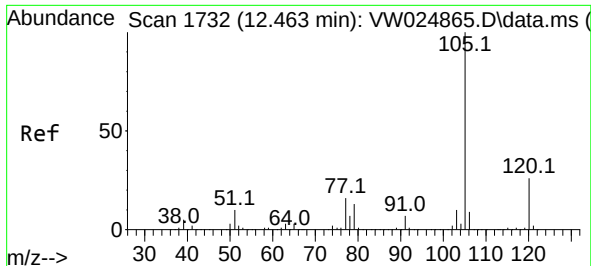
Ion Ratio Lower Upper

173 100

175 48.3 38.6 58.0

254 6.0 4.8 7.2

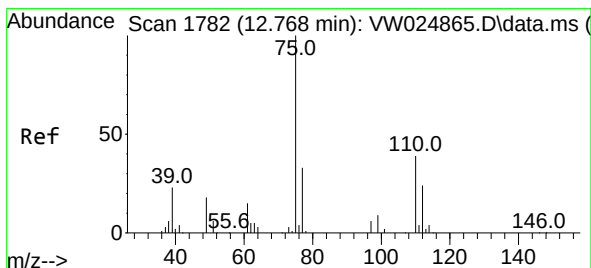
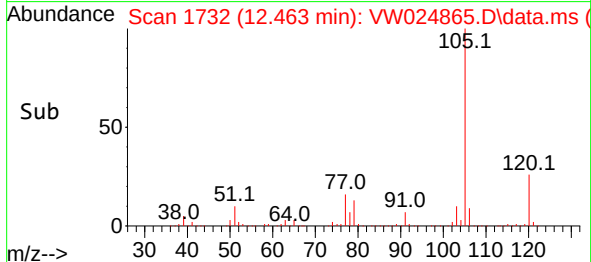
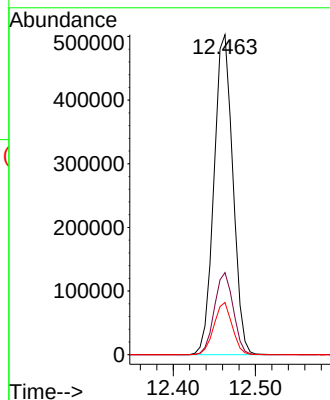
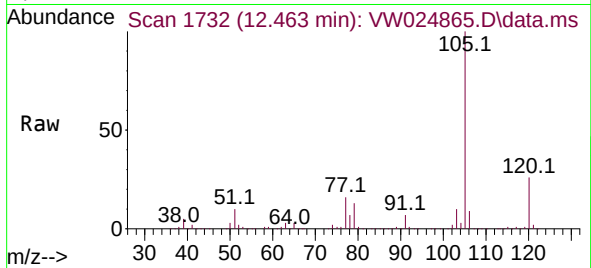




#60
Isopropylbenzene
Concen: 26.737 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

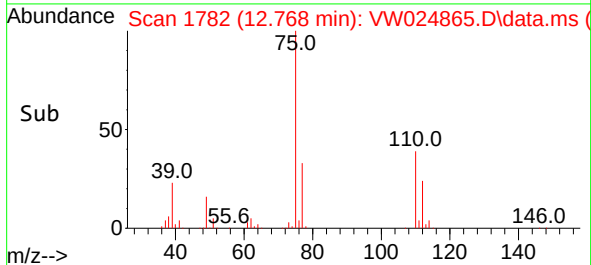
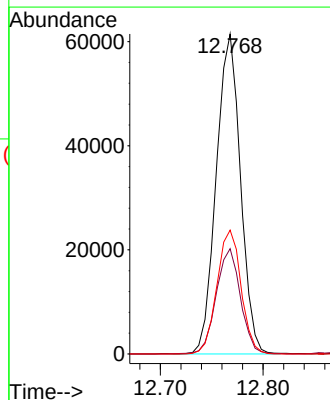
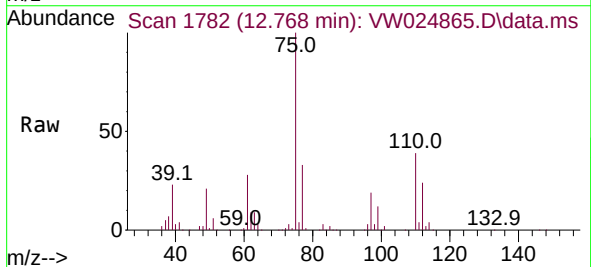
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

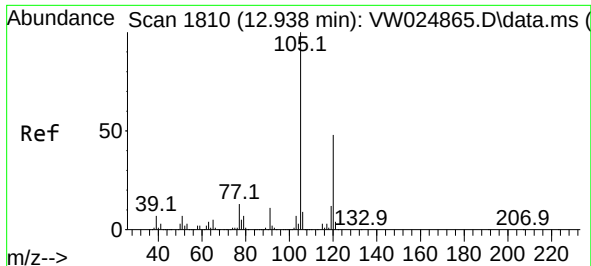
Tgt Ion:105 Resp: 801616
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.603 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion: 75 Resp: 100548
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 38.5 30.8 46.2

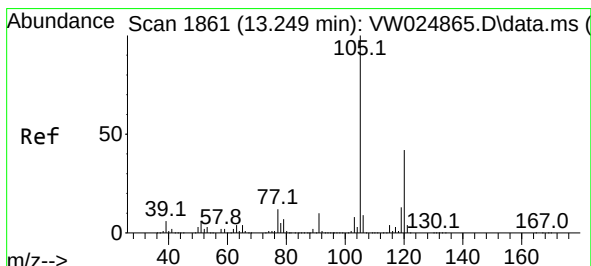
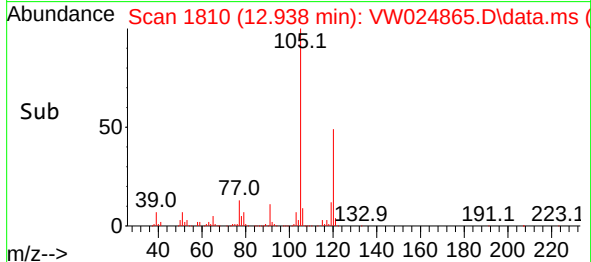
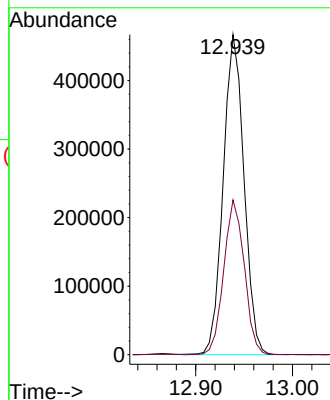
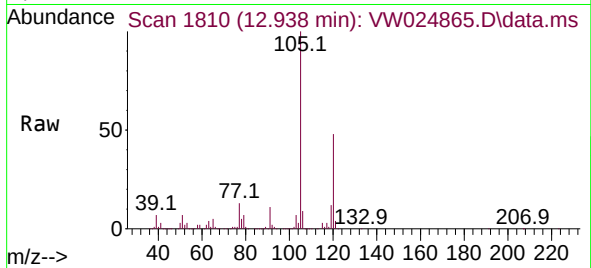




#62
 1,3,5-Trimethylbenzene
 Concen: 27.067 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

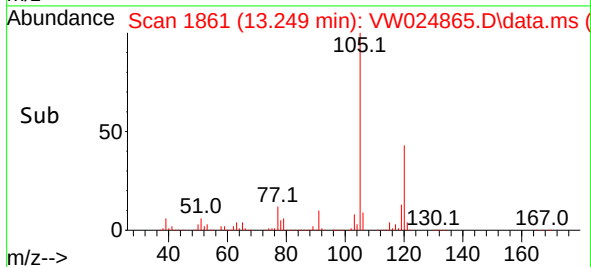
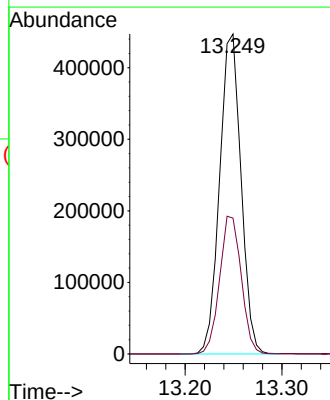
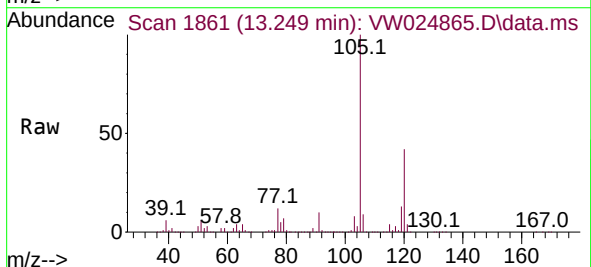
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025457

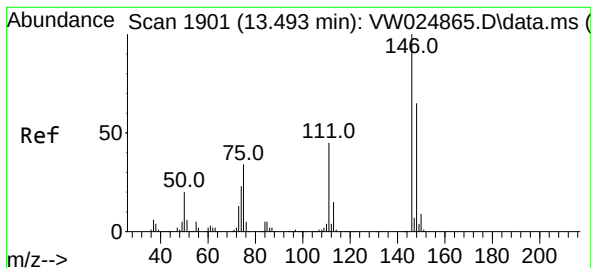
Tgt Ion:105 Resp: 696745
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 27.672 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW024865.D
 Acq: 12 Oct 2022 11:16

Tgt Ion:105 Resp: 686780
 Ion Ratio Lower Upper
 105 100
 120 43.5 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 26.519 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025457

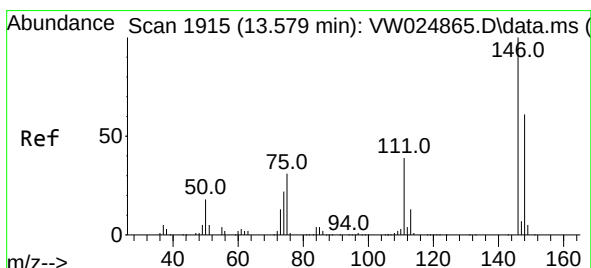
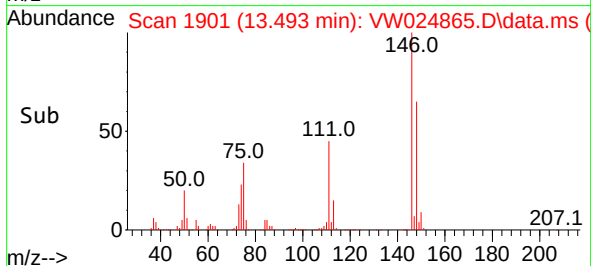
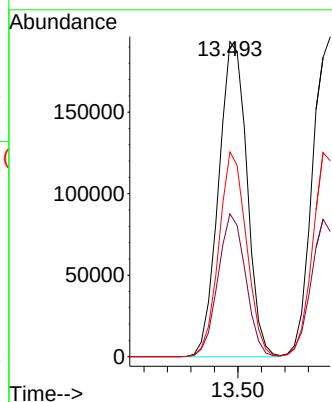
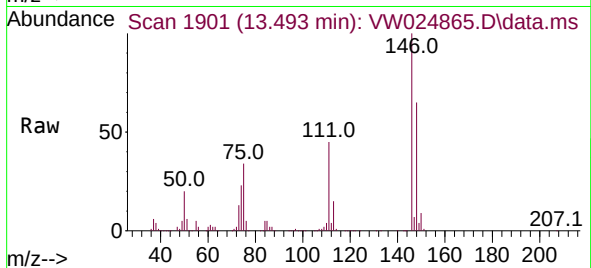
Tgt Ion:146 Resp: 323804

Ion Ratio Lower Upper

146 100

111 45.3 31.7 58.9

148 65.0 45.5 84.5



#65

1,4-Dichlorobenzene

Concen: 25.894 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

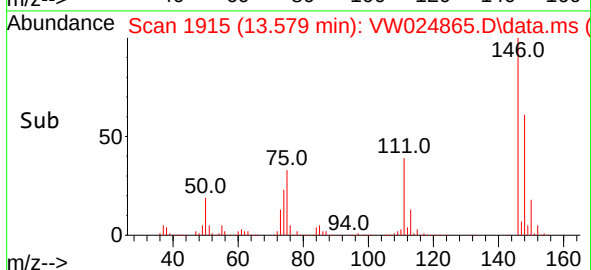
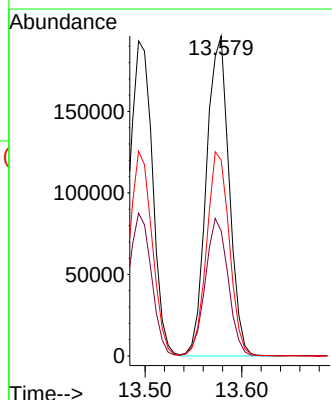
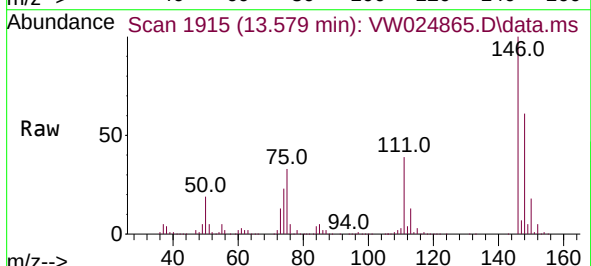
Tgt Ion:146 Resp: 320044

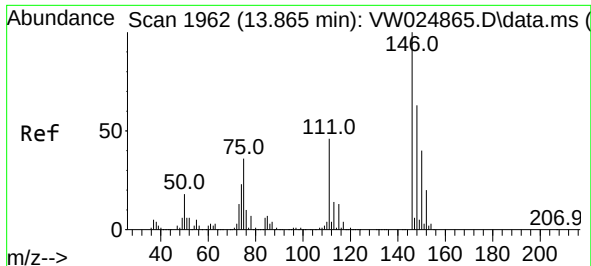
Ion Ratio Lower Upper

146 100

111 39.1 27.4 50.8

148 61.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 26.994 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

Instrument :

MSVOA_W

ClientSampleId :

VSTD025457

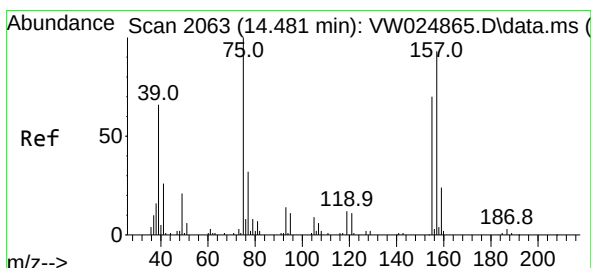
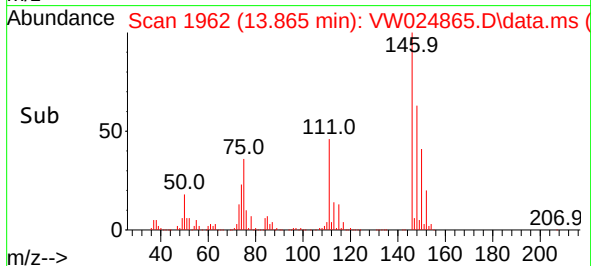
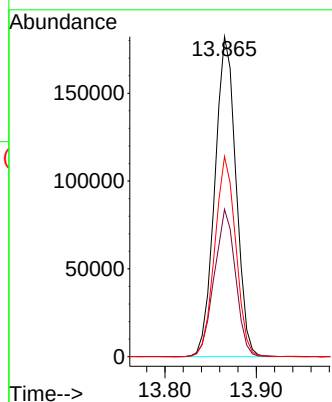
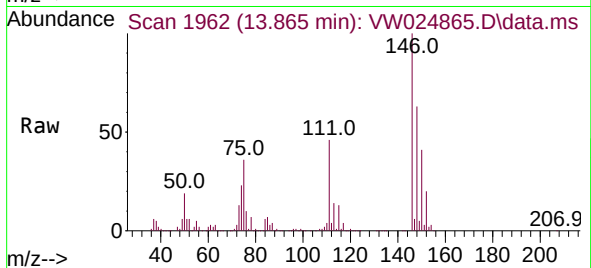
Tgt Ion:146 Resp: 292966

Ion Ratio Lower Upper

146 100

111 46.1 36.9 55.3

148 62.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.549 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024865.D

Acq: 12 Oct 2022 11:16

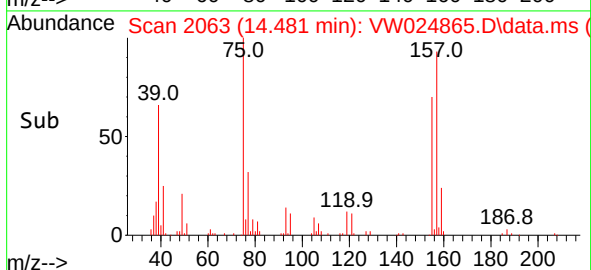
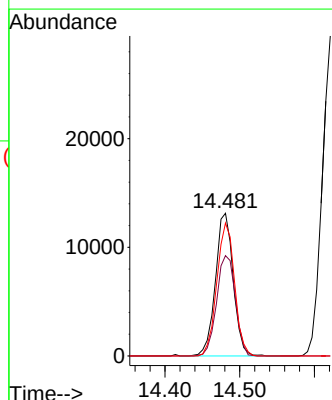
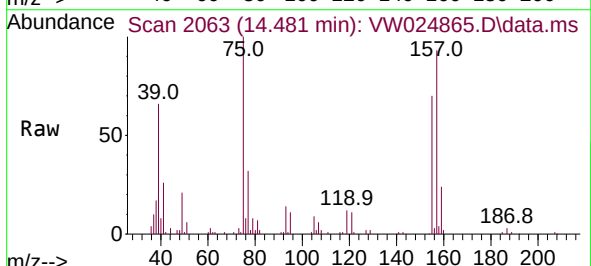
Tgt Ion: 75 Resp: 21720

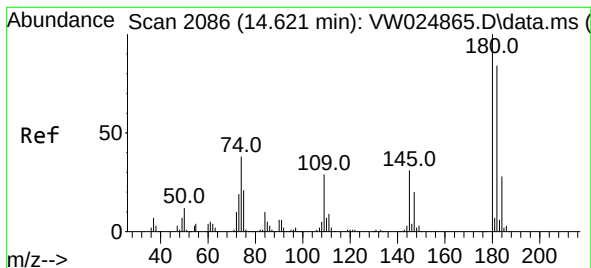
Ion Ratio Lower Upper

75 100

155 70.3 56.2 84.4

157 93.2 74.6 111.8

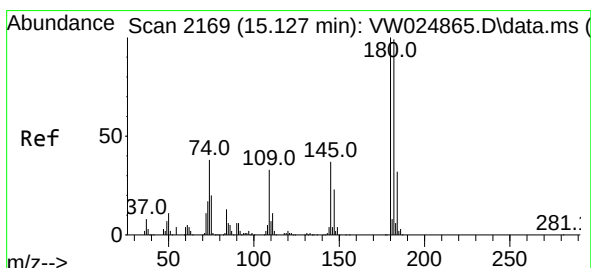
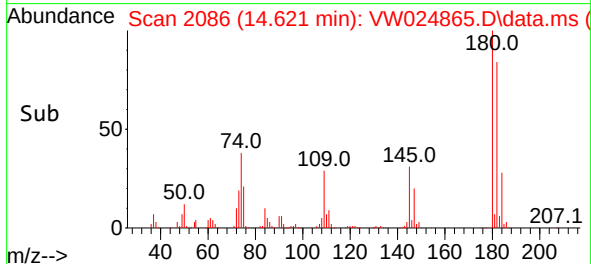
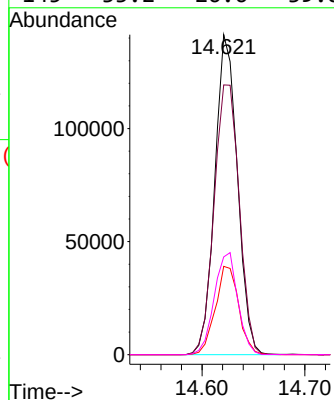
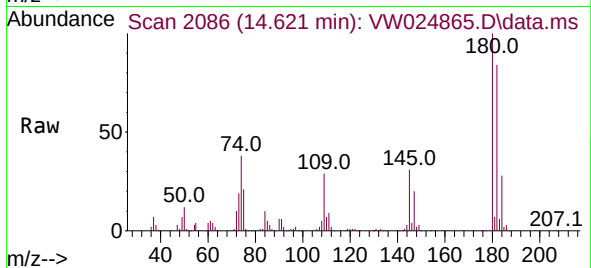




#69
1,3,5-Trichlorobenzene
Concen: 27.046 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

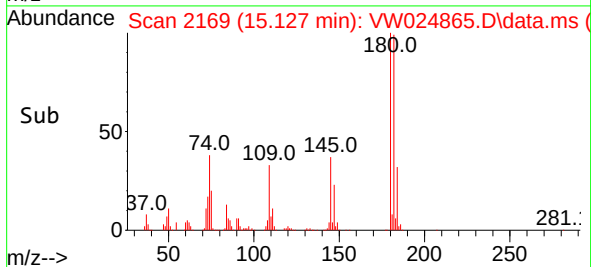
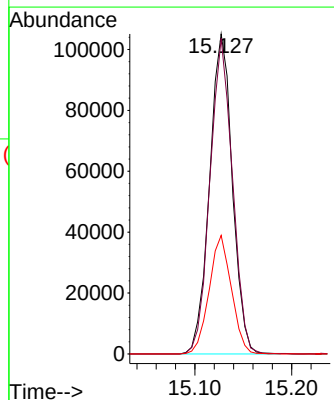
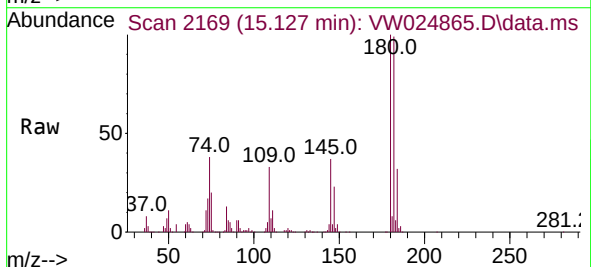
Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

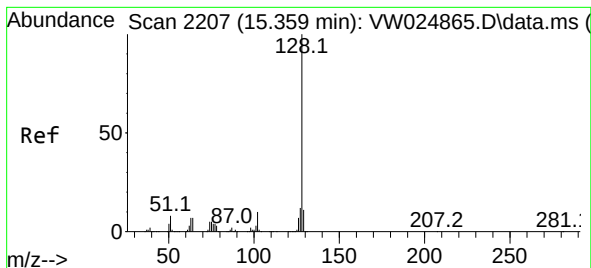
Tgt Ion:180 Resp: 215613
Ion Ratio Lower Upper
180 100
182 93.8 75.0 112.6
184 28.6 22.9 34.3
145 33.2 26.6 39.8



#70
1,2,4-trichlorobenzene
Concen: 26.572 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion:180 Resp: 171871
Ion Ratio Lower Upper
180 100
182 97.1 77.7 116.5
145 36.2 29.0 43.4

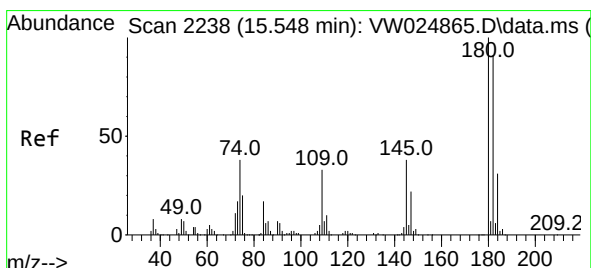
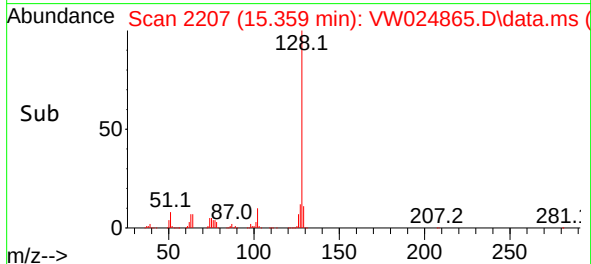
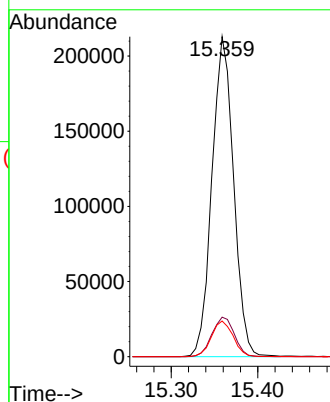
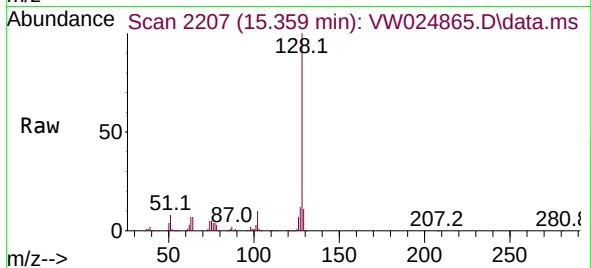




#71
Naphthalene
Concen: 26.410 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Instrument :
MSVOA_W
ClientSampleId :
VSTD025457

Tgt Ion:128 Resp: 370129
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.2 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 26.865 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024865.D
Acq: 12 Oct 2022 11:16

Tgt Ion:180 Resp: 148319
Ion Ratio Lower Upper
180 100
182 93.9 75.1 112.7
145 37.4 29.9 44.9

