

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024061.D
 Acq On : 25 Jul 2022 09:20
 Operator : SY/VA
 Sample : VSTD025458
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025458

Quant Time: Jul 26 00:19:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	232125	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	253796	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	149406	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	149060	29.958	ug/L	0.00
7) Chloroethane-d5	2.873	69	93970	27.952	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	112169	25.603	ug/L	0.00
21) 2-Butanone-d5	7.074	46	47323	53.396	ug/L	0.00
24) Chloroform-d	7.647	84	162721	25.499	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	97485	26.589	ug/L	0.00
32) Benzene-d6	8.269	84	310134	26.306	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	91713	24.663	ug/L	0.00
41) Toluene-d8	10.323	98	317988	26.970	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	44559	27.025	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	44784	57.606	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	114344	26.649	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	123122	25.446	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.002	85	48714	27.997	ug/L	100
3) Chloromethane	2.209	50	116805	26.243	ug/L	100
5) Vinyl chloride	2.349	62	183957	26.518	ug/L	100
6) Bromomethane	2.764	94	102169	26.669	ug/L	100
8) Chloroethane	2.910	64	82937	27.177	ug/L	100
9) Trichlorofluoromethane	3.245	101	80730	24.998	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	74930	25.064	ug/L	100
12) 1,1-Dichloroethene	4.026	96	61884	25.243	ug/L	100
13) Acetone	4.117	43	30735	49.364	ug/L	100
14) Carbon disulfide	4.373	76	190981	25.363	ug/L	100
15) Methyl Acetate	4.666	43	39330	25.982	ug/L	100
16) Methylene chloride	4.916	84	76826	21.736	ug/L	100
17) trans-1,2-Dichloroethene	5.416	96	75247	25.086	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	117561	26.441	ug/L	100
19) 1,1-Dichloroethane	6.208	63	142009	25.065	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	86600	26.292	ug/L	100
22) 2-Butanone	7.171	43	56476	56.074	ug/L	100
23) Bromochloromethane	7.513	128	43090	25.421	ug/L	100
25) Chloroform	7.677	83	165925	25.310	ug/L	100
27) 1,2-Dichloroethane	8.397	62	122827	26.297	ug/L	100
29) Cyclohexane	7.952	56	124732	26.674	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	137162	24.178	ug/L	100
31) Carbon tetrachloride	8.067	117	126931	24.273	ug/L	100
33) Benzene	8.317	78	370231	25.251	ug/L	100
34) Trichloroethene	9.092	95	92243	23.759	ug/L	100
35) Methylcyclohexane	9.336	83	158018	26.783	ug/L	100
37) 1,2-Dichloropropane	9.366	63	92753	25.023	ug/L	100
38) Bromodichloromethane	9.640	83	128174	24.253	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	139446	25.821	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	142528	55.258	ug/L	100
42) Toluene	10.384	91	437113	26.358	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	136752	26.739	ug/L	100

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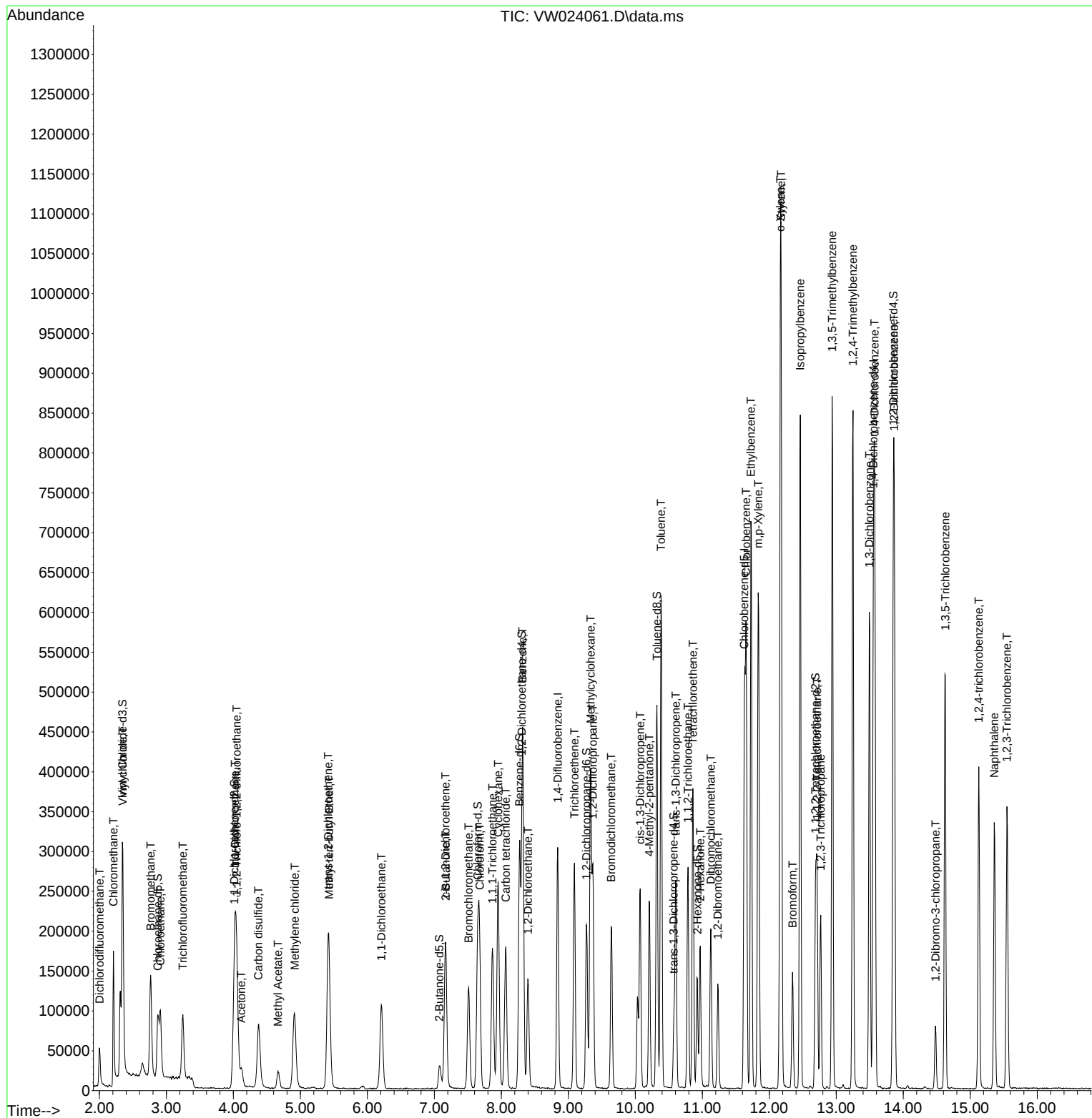
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	81725	25.238	ug/L	100
46) Tetrachloroethene	10.860	164	75621	24.886	ug/L	100
48) 2-Hexanone	10.969	43	109133	58.385	ug/L	100
49) Dibromochloromethane	11.128	129	97063	25.654	ug/L	100
50) 1,2-Dibromoethane	11.232	107	81807	25.804	ug/L	100
51) Chlorobenzene	11.652	112	279801	25.069	ug/L	100
52) Ethylbenzene	11.725	91	490843	26.857	ug/L	100
53) m,p-Xylene	11.835	106	194488	27.416	ug/L	100
54) o-Xylene	12.164	106	187826	27.687	ug/L	100
55) Styrene	12.177	104	344576	28.352	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	118900	26.494	ug/L	100
59) Bromoform	12.347	173	58967	25.533	ug/L	100
60) Isopropylbenzene	12.463	105	517242	27.332	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85121	25.347	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	429396	28.203	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	440915	28.613	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	237064	26.192	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	246877	25.694	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	223292	26.374	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18952	25.257	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	151467	26.242	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	118745	27.151	ug/L	100
71) Naphthalene	15.359	128	264337	28.246	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	107268	26.075	ug/L	100

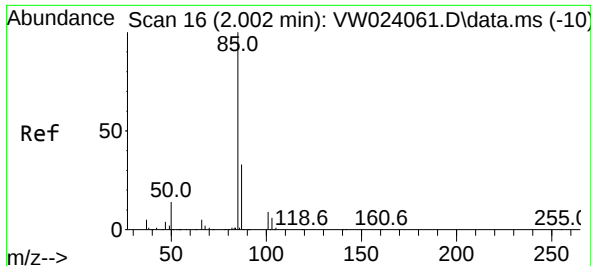
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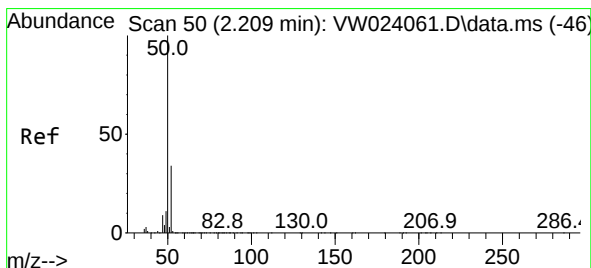
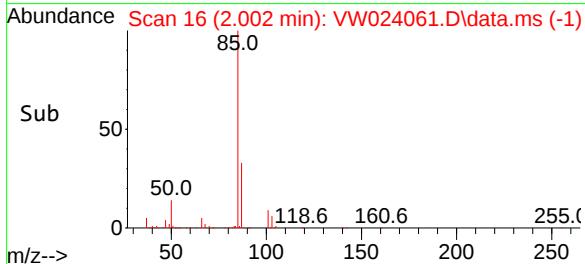
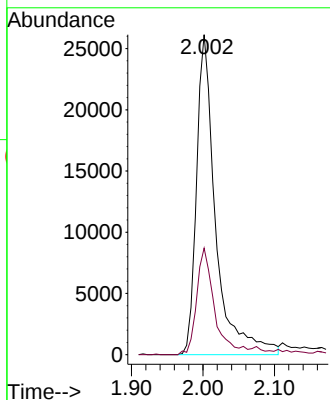
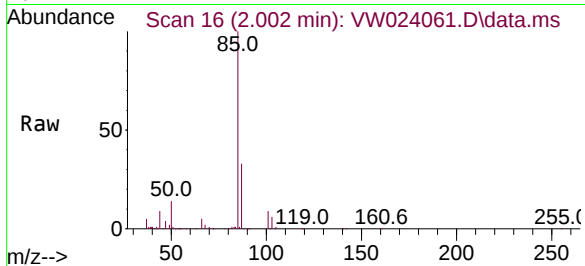




#2
 Dichlorodifluoromethane
 Concen: 27.997 ug/L
 RT: 2.002 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VW024061.D
 Acq: 25 Jul 2022 09:20

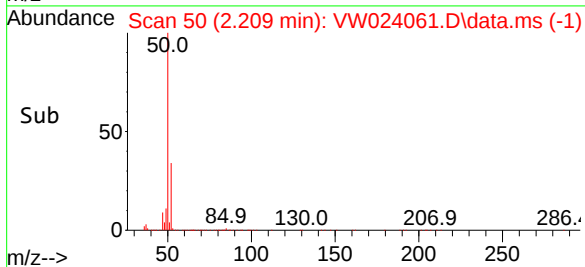
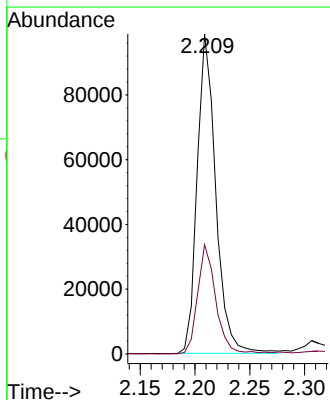
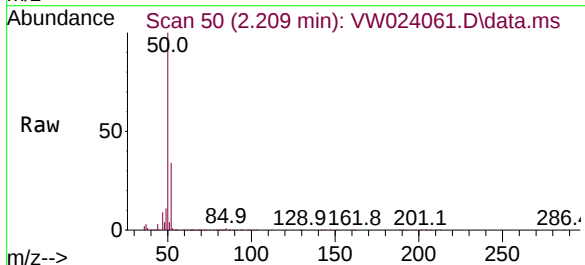
Instrument :
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 ClientSampleId :
 VSTD025458

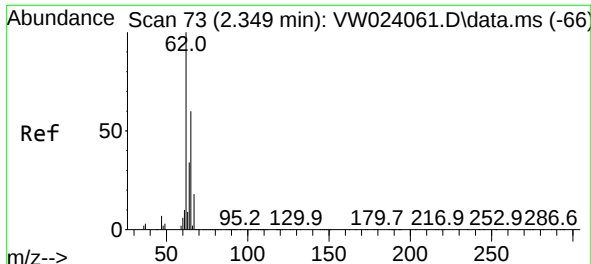
Tgt Ion: 85 Resp: 48714
 Ion Ratio Lower Upper
 85 100
 87 30.2 24.2 36.2



#3
 Chloromethane
 Concen: 26.243 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024061.D
 Acq: 25 Jul 2022 09:20

Tgt Ion: 50 Resp: 116805
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.9 44.5

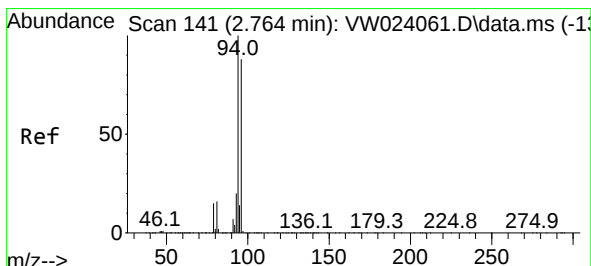
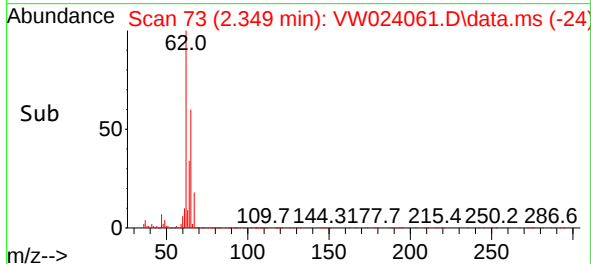
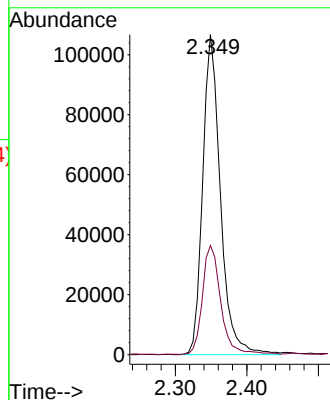
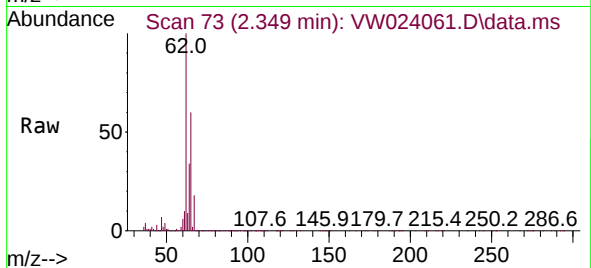




#5
 Vinyl chloride
 Concen: 26.518 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024061.D
 Acq: 25 Jul 2022 09:20

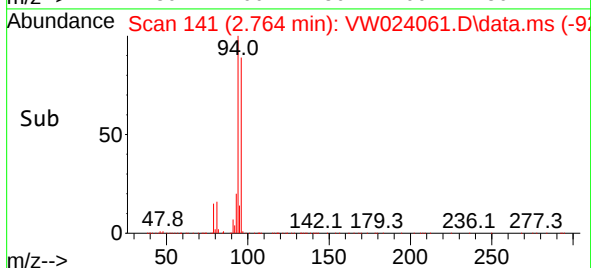
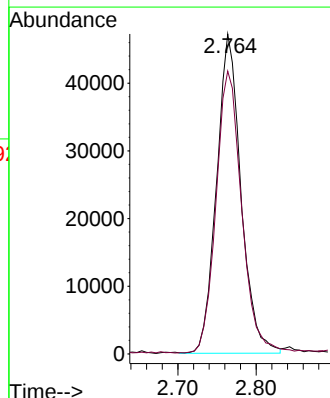
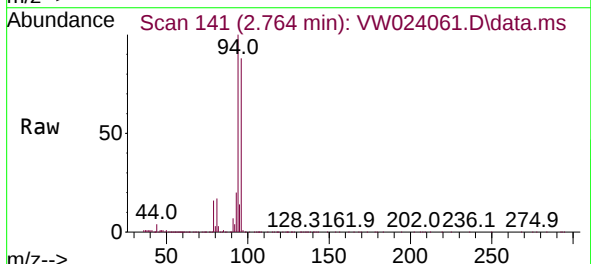
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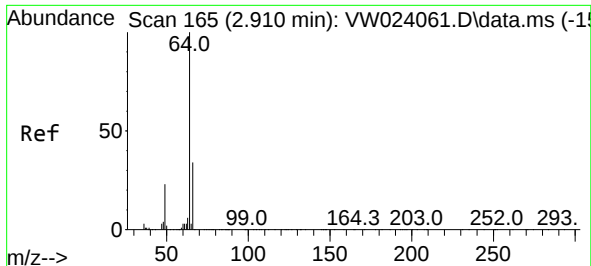
Tgt Ion: 62 Resp: 183957
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.9 44.3



#6
 Bromomethane
 Concen: 26.669 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024061.D
 Acq: 25 Jul 2022 09:20

Tgt Ion: 94 Resp: 102169
 Ion Ratio Lower Upper
 94 100
 96 88.4 61.9 114.9

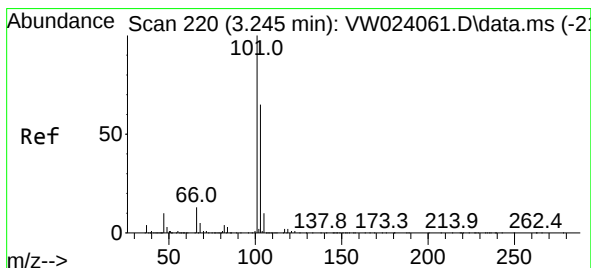
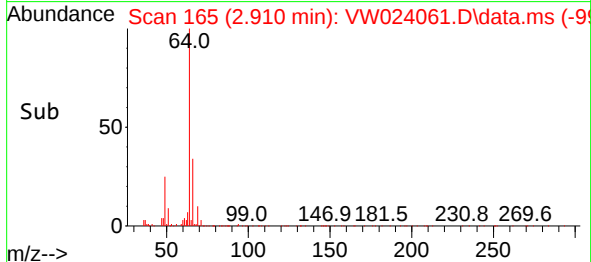
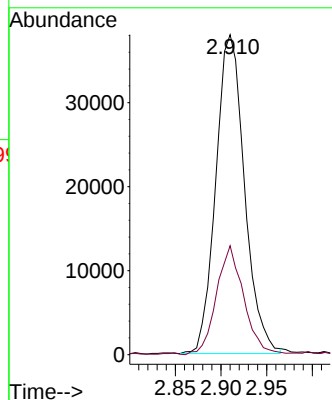
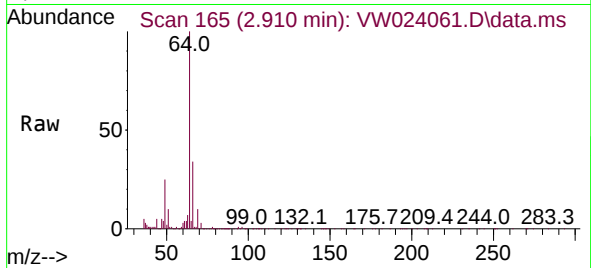




#8
Chloroethane
Concen: 27.177 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

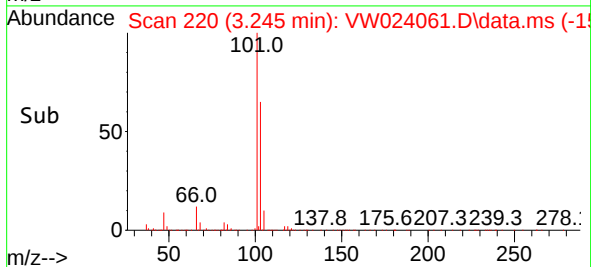
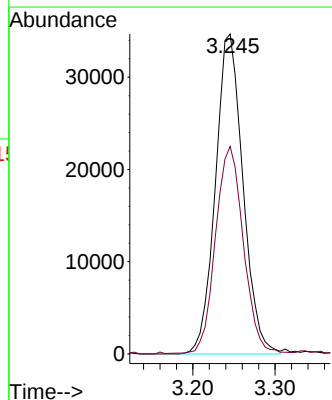
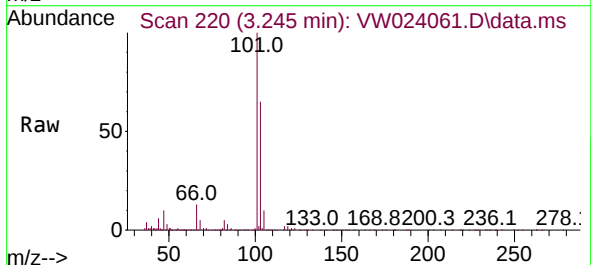
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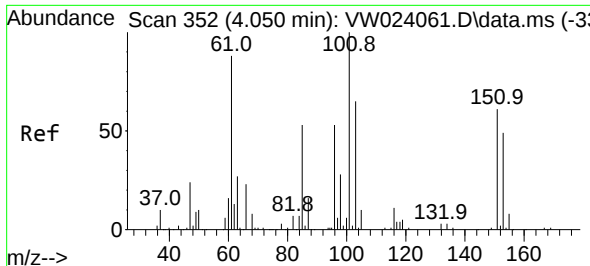
Tgt Ion: 64 Resp: 82937
Ion Ratio Lower Upper
64 100
66 34.1 23.9 44.3



#9
Trichlorofluoromethane
Concen: 24.998 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion: 101 Resp: 80730
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6

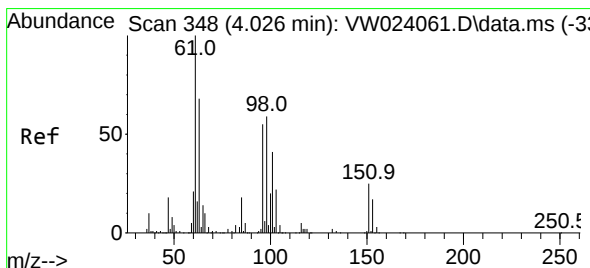
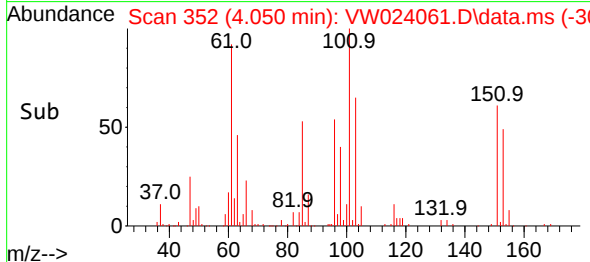
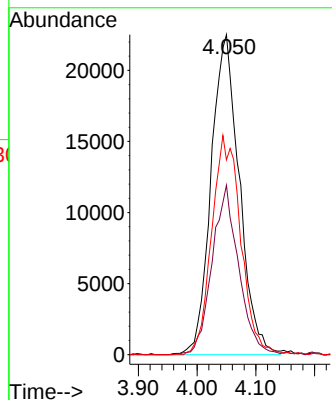
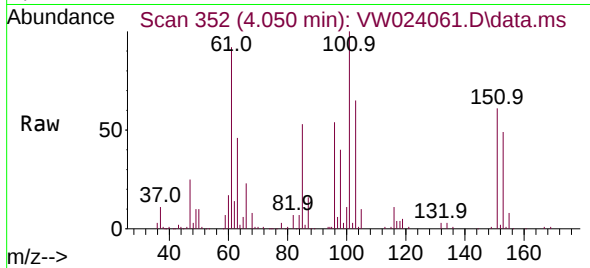




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.064 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024061.D
 Acq: 25 Jul 2022 09:20

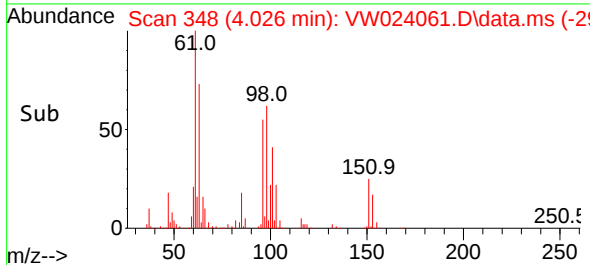
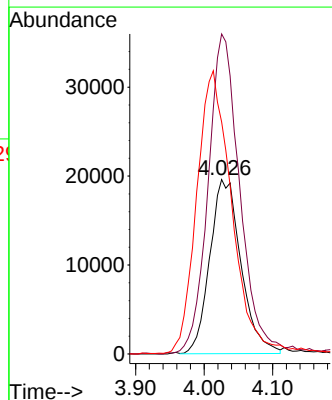
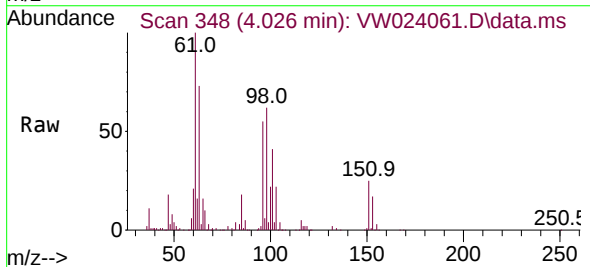
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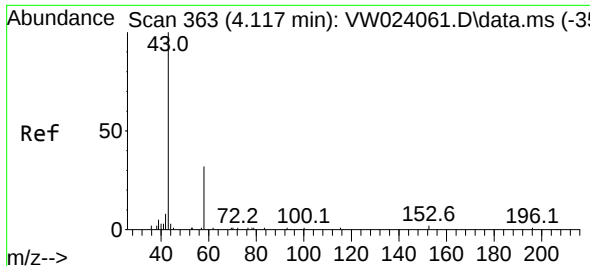
Tgt Ion:101 Resp: 74930
 Ion Ratio Lower Upper
 101 100
 85 49.8 39.8 59.8
 151 38.1 30.5 45.7



#12
 1,1-Dichloroethene
 Concen: 25.243 ug/L
 RT: 4.026 min Scan# 348
 Delta R.T. 0.000 min
 Lab File: VW024061.D
 Acq: 25 Jul 2022 09:20

Tgt Ion: 96 Resp: 61884
 Ion Ratio Lower Upper
 96 100
 61 183.4 128.4 238.4
 63 133.0 93.1 172.9





#13

Acetone

Concen: 49.364 ug/L

RT: 4.117 min Scan# 363

Delta R.T. 0.000 min

Lab File: VW024061.D

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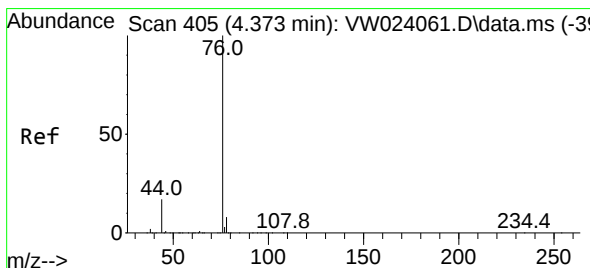
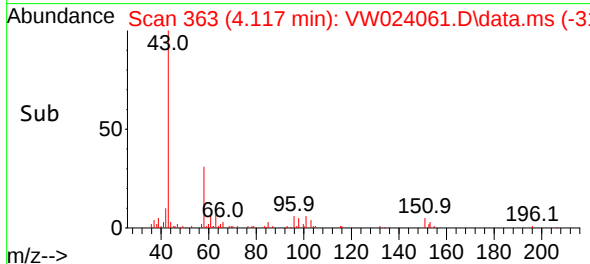
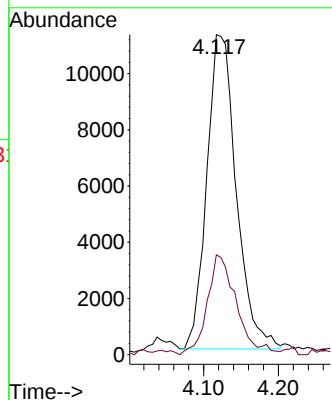
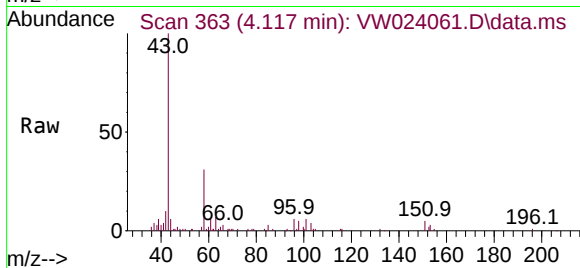
VSTD025458

Tgt Ion: 43 Resp: 30735

Ion Ratio Lower Upper

43 100

58 30.0 0.0 60.0



#14

Carbon disulfide

Concen: 25.363 ug/L

RT: 4.373 min Scan# 405

Delta R.T. 0.000 min

Lab File: VW024061.D

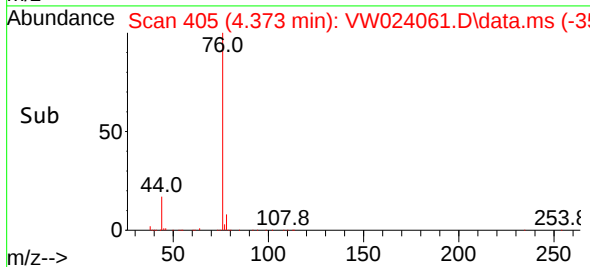
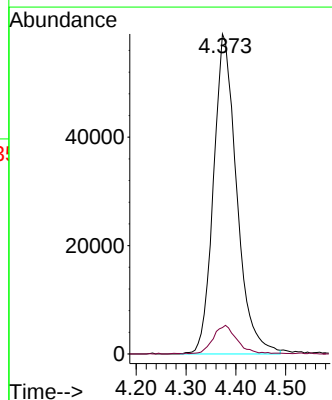
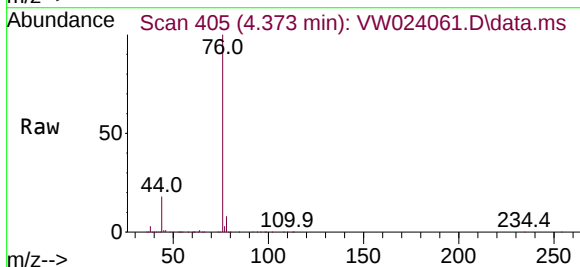
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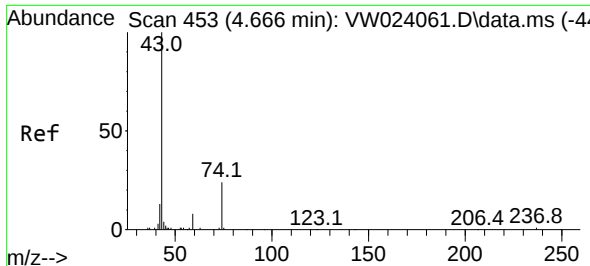
Tgt Ion: 76 Resp: 190981

Ion Ratio Lower Upper

76 100

78 8.3 6.6 10.0

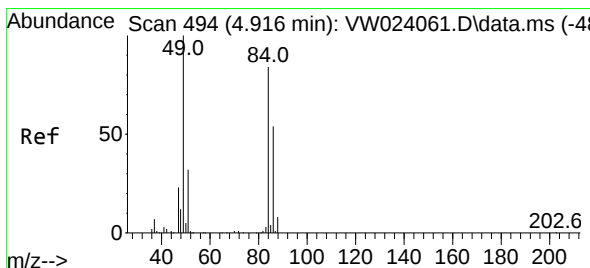
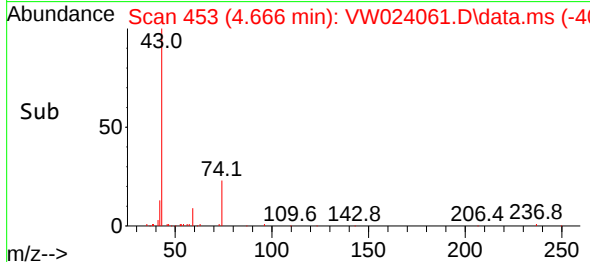
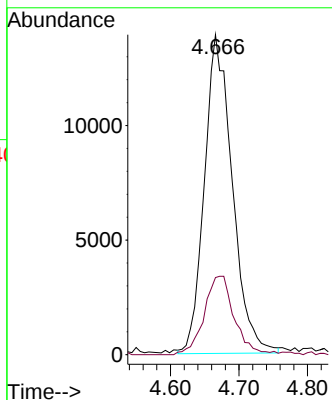
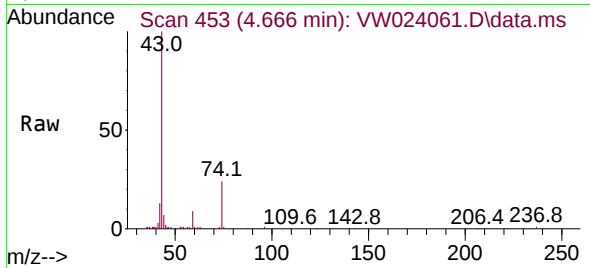




#15
Methyl Acetate
Concen: 25.982 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

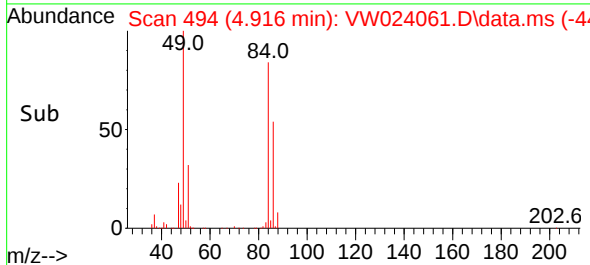
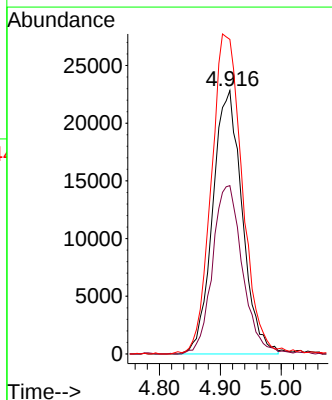
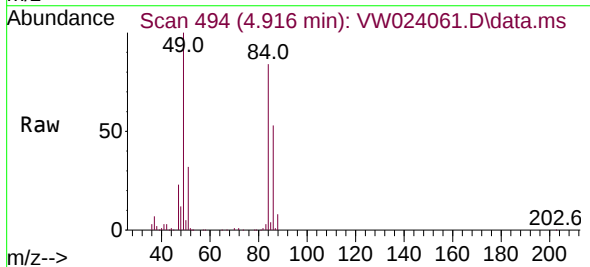
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

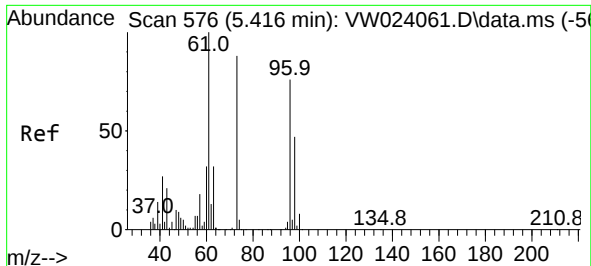
Tgt Ion: 43 Resp: 39330
Ion Ratio Lower Upper
43 100
74 26.4 21.1 31.7



#16
Methylene chloride
Concen: 21.736 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion: 84 Resp: 76826
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 119.5 83.7 155.4



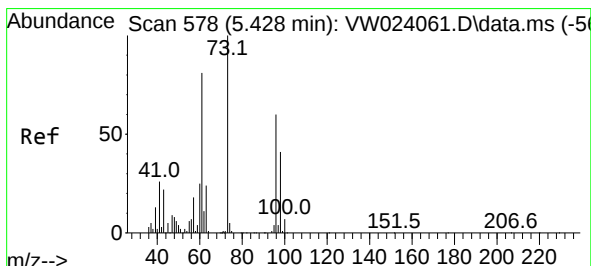
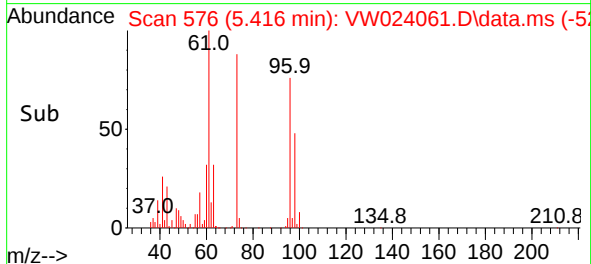
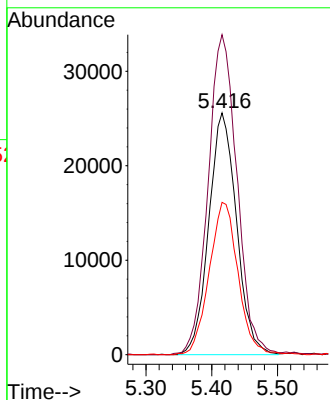
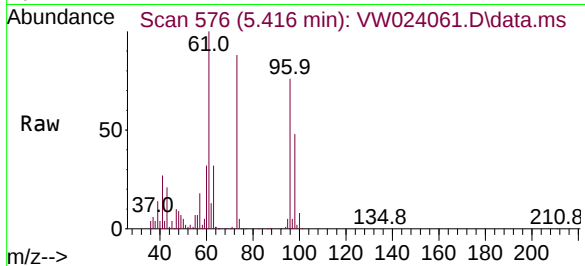


#17
trans-1,2-Dichloroethene
Concen: 25.086 ug/L
RT: 5.416 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

Tgt Ion: 96 Resp: 75247

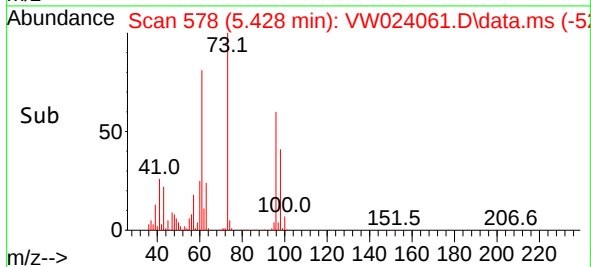
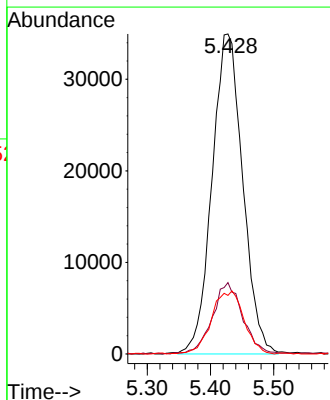
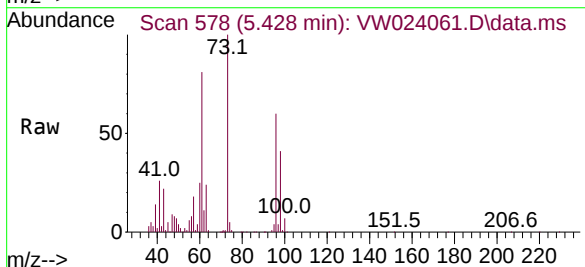
Ion	Ratio	Lower	Upper
96	100		
61	132.4	92.7	172.1
98	63.0	44.1	81.9

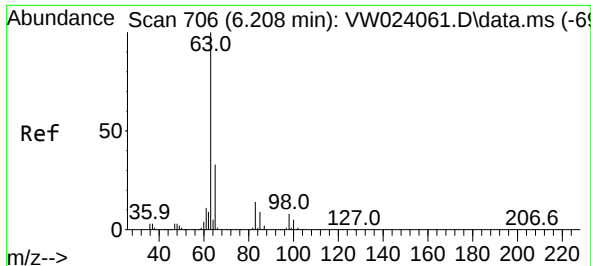


#18
Methyl tert-butyl Ether
Concen: 26.441 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion: 73 Resp: 117561

Ion	Ratio	Lower	Upper
73	100		
43	21.6	17.3	25.9
57	20.8	16.6	25.0





#19

1,1-Dichloroethane

Concen: 25.065 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025458

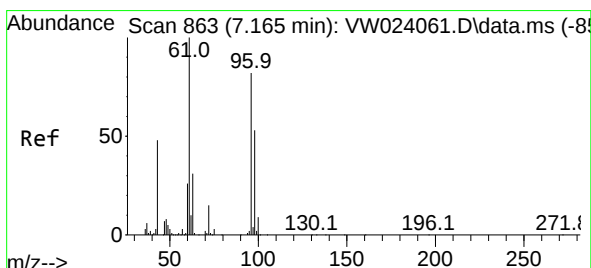
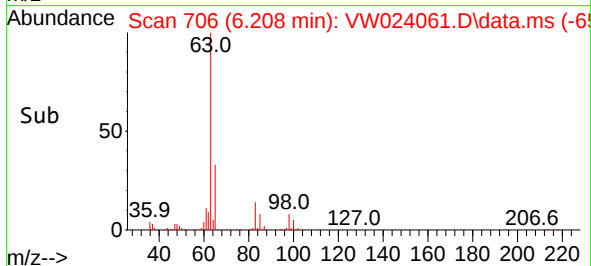
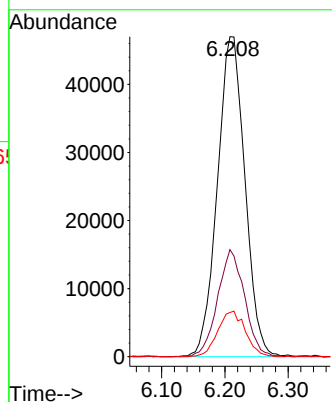
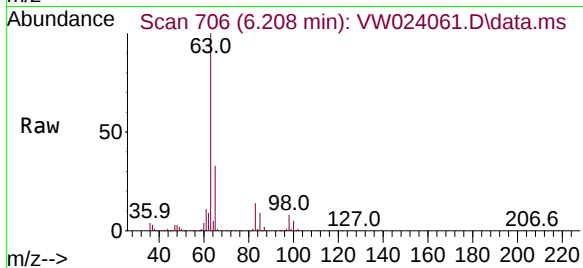
Tgt Ion: 63 Resp: 142009

Ion Ratio Lower Upper

63 100

65 33.4 23.4 43.4

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.292 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

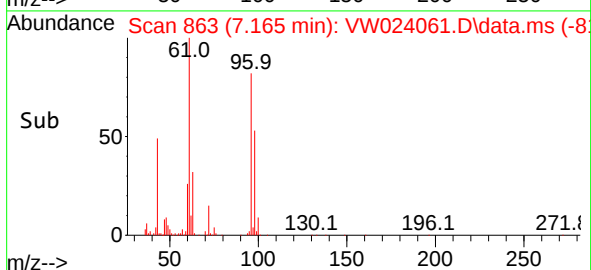
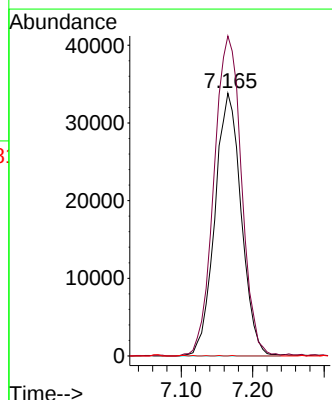
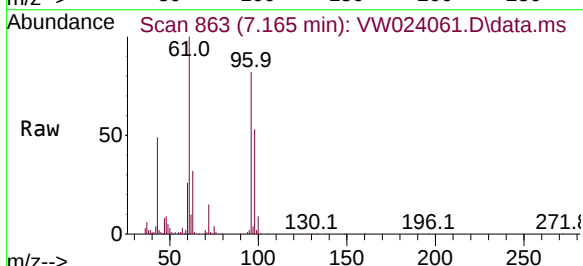
Tgt Ion: 96 Resp: 86600

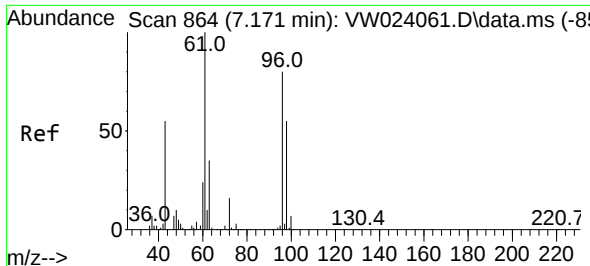
Ion Ratio Lower Upper

96 100

61 121.8 85.3 158.3

68 0.0 0.0 0.0

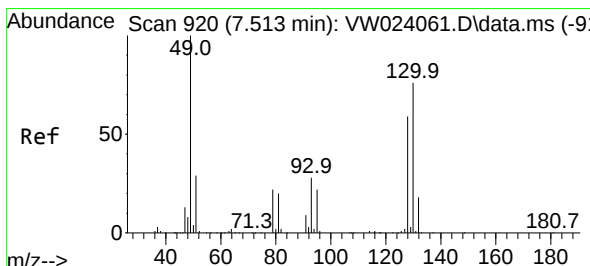
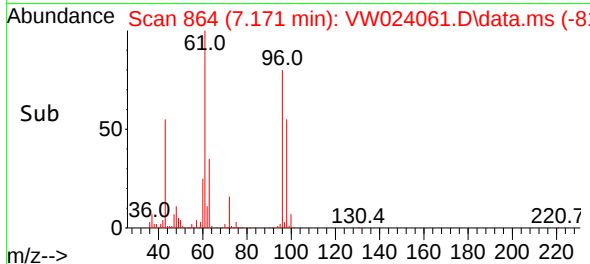
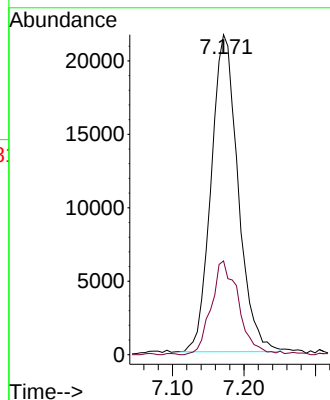
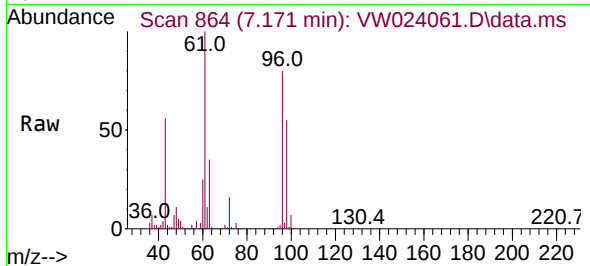




#22
2-Butanone
Concen: 56.074 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

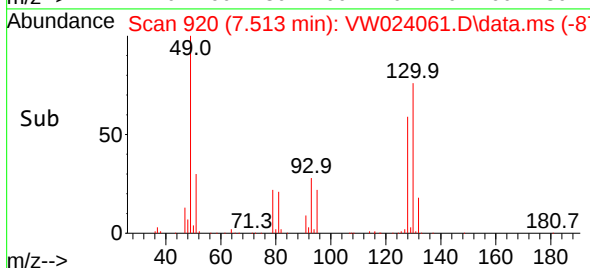
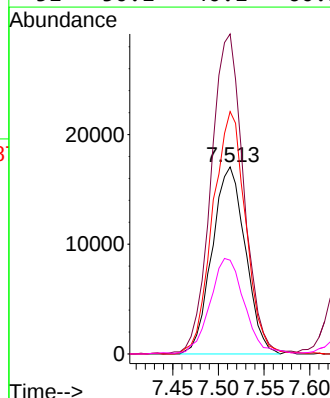
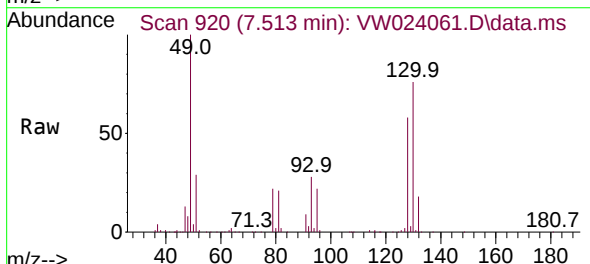
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

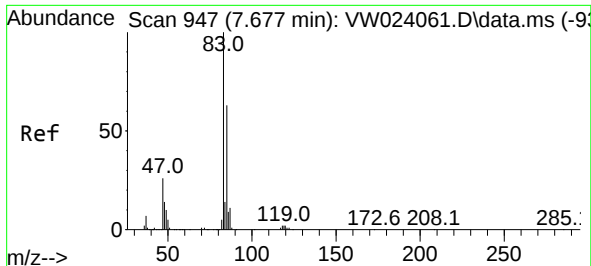
Tgt Ion: 43 Resp: 56476
Ion Ratio Lower Upper
43 100
72 30.0 15.0 45.0



#23
Bromochloromethane
Concen: 25.421 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion: 128 Resp: 43090
Ion Ratio Lower Upper
128 100
49 171.1 119.8 222.4
130 129.6 90.7 168.5
51 50.1 40.1 60.1

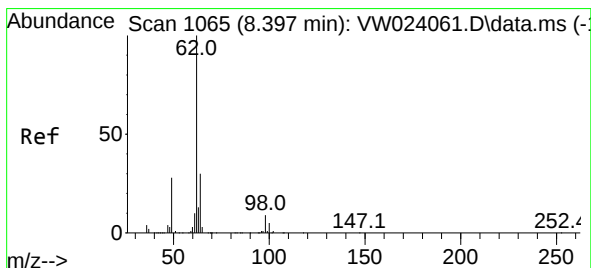
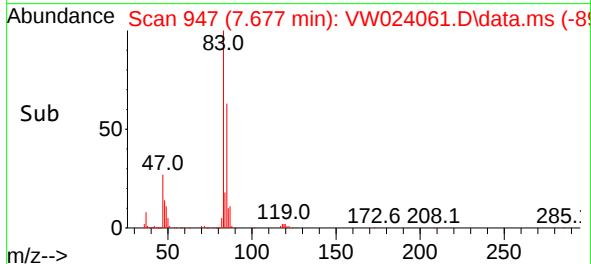
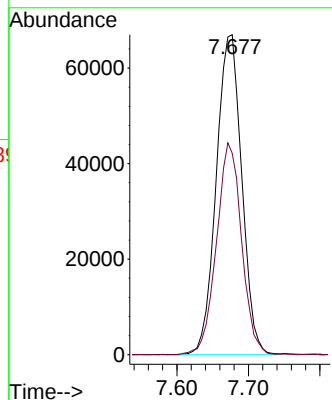
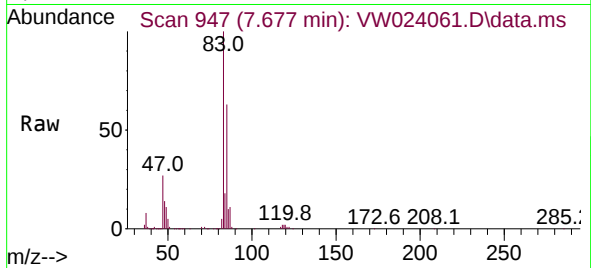




#25
Chloroform
Concen: 25.310 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

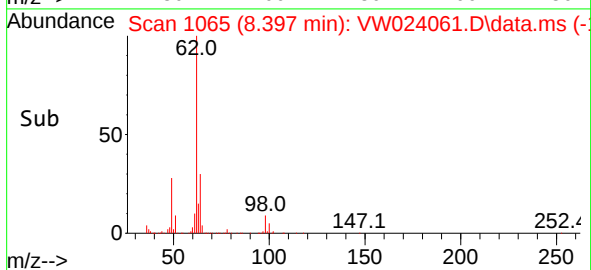
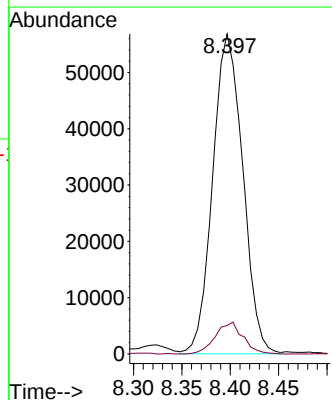
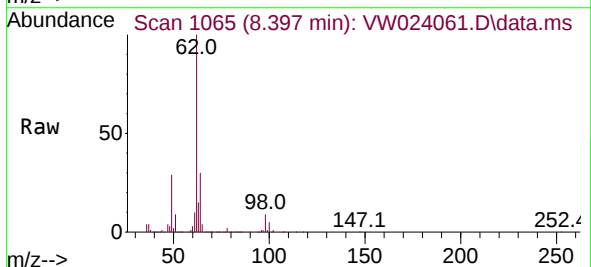
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

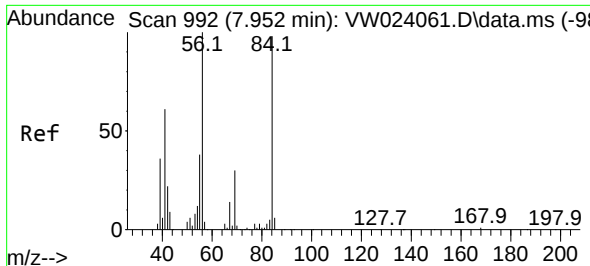
Tgt Ion: 83 Resp: 165925
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.297 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion: 62 Resp: 122827
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7

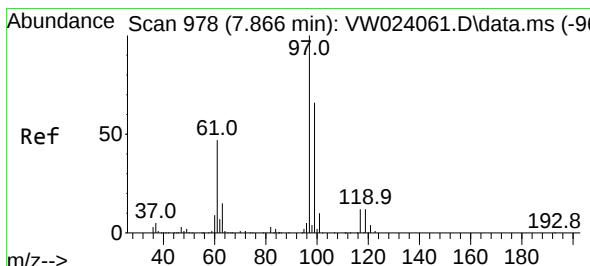
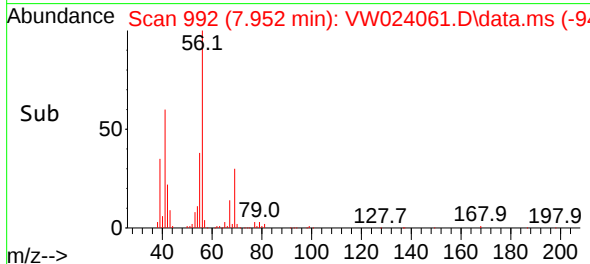
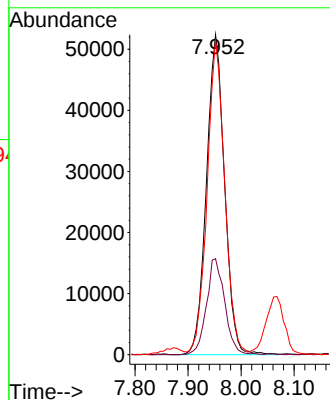
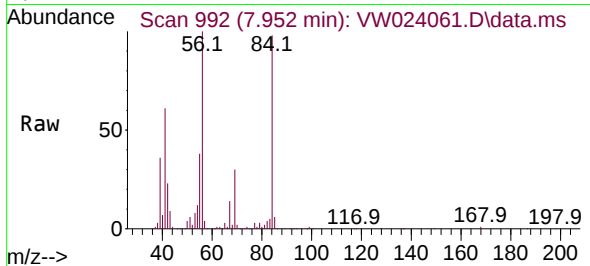




#29
Cyclohexane
Concen: 26.674 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

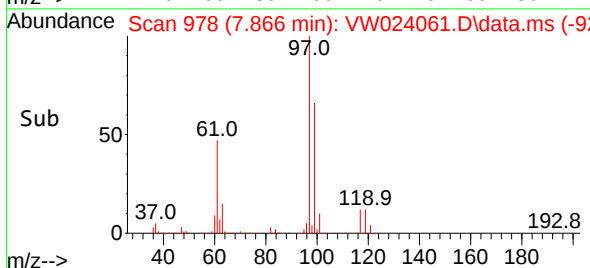
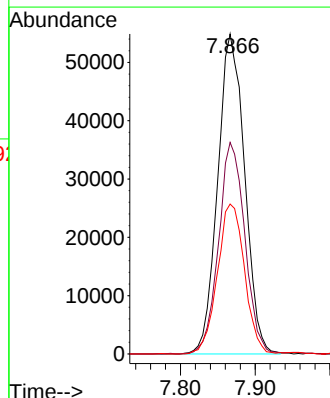
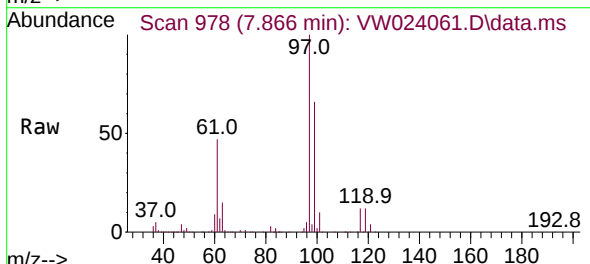
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

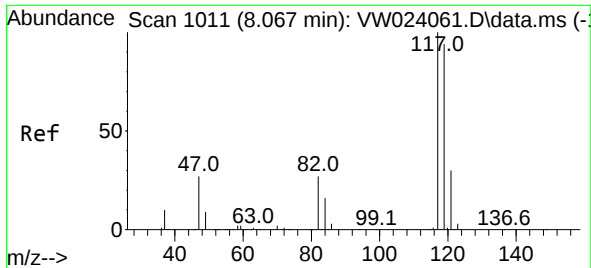
Tgt Ion: 56 Resp: 124732
Ion Ratio Lower Upper
56 100
69 30.1 24.1 36.1
84 95.3 76.2 114.4



#30
1,1,1-Trichloroethane
Concen: 24.178 ug/L
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion: 97 Resp: 137162
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 47.2 37.8 56.6

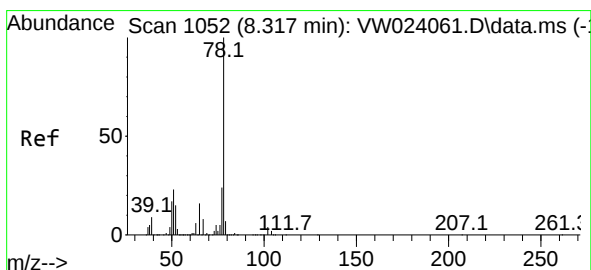
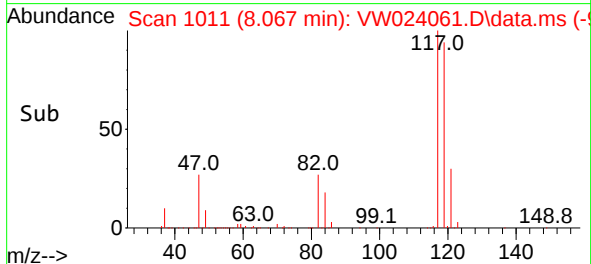
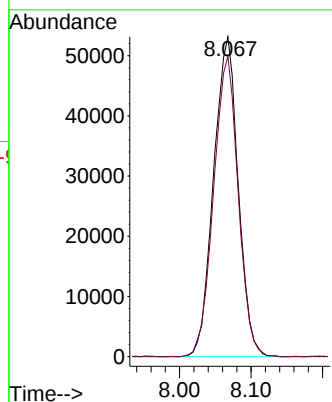
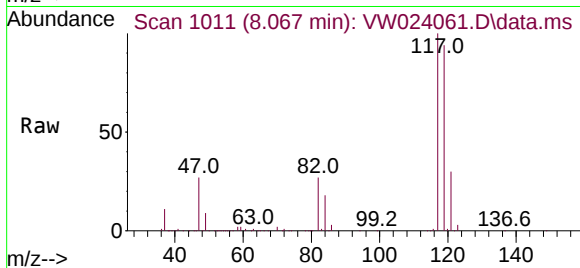




#31
Carbon tetrachloride
Concen: 24.273 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

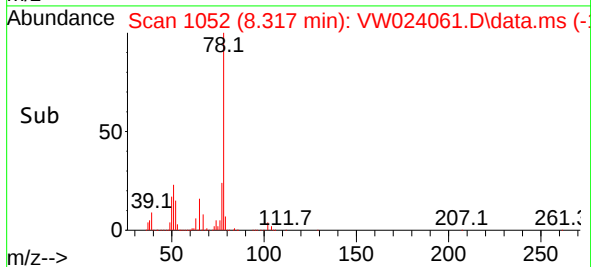
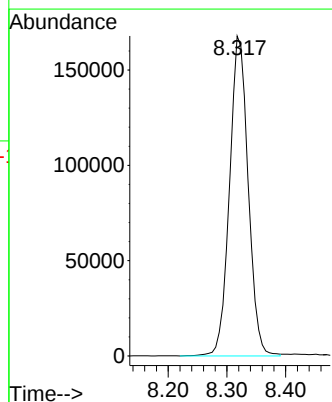
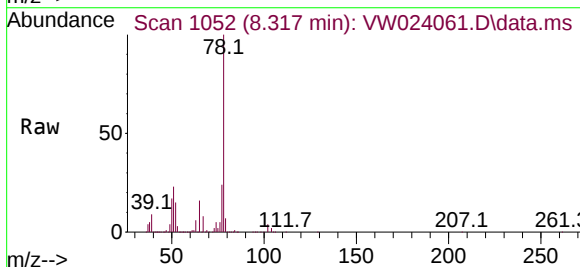
Instrument : MSVOA_W
ClientSampleId : VSTD025458

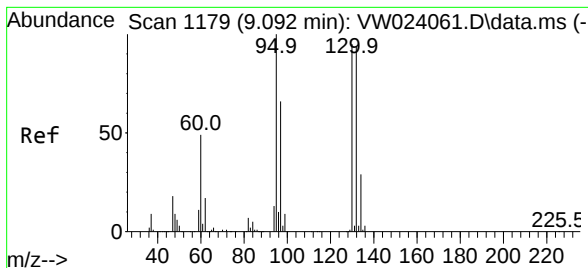
Tgt Ion:117 Resp: 126931
Ion Ratio Lower Upper
117 100
119 93.7 75.0 112.4



#33
Benzene
Concen: 25.251 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion: 78 Resp: 370231





#34

Trichloroethene

Concen: 23.759 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025458

Tgt Ion: 95 Resp: 92243

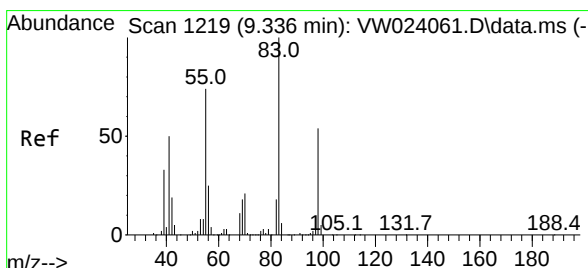
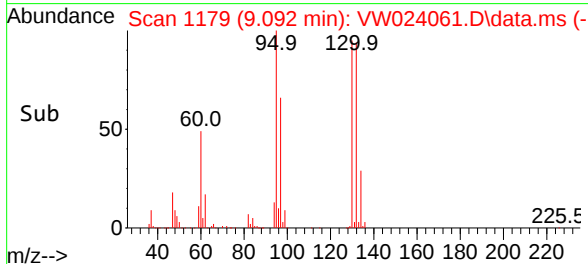
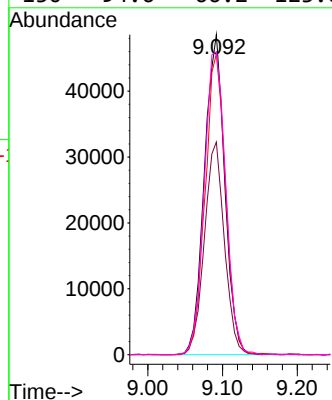
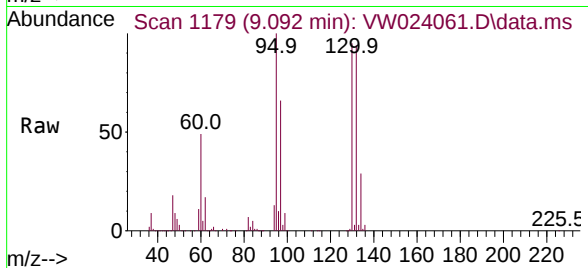
Ion Ratio Lower Upper

95 100

97 66.4 46.5 86.3

132 94.0 65.8 122.2

130 94.6 66.2 123.0



#35

Methylcyclohexane

Concen: 26.783 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

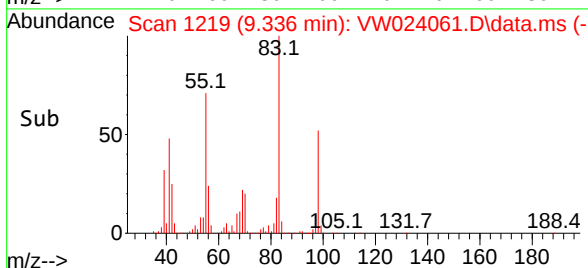
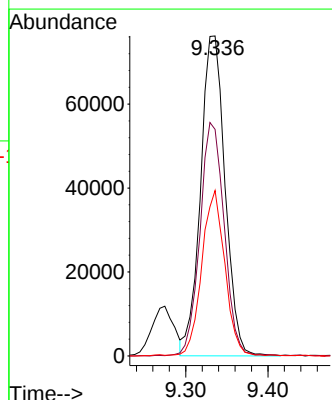
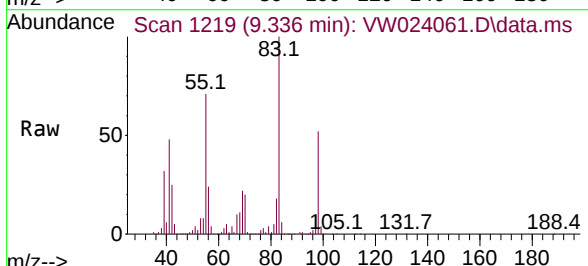
Tgt Ion: 83 Resp: 158018

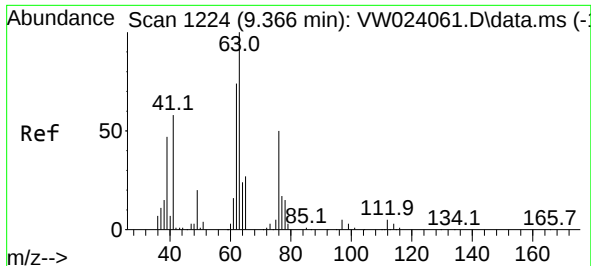
Ion Ratio Lower Upper

83 100

55 71.7 57.3 85.9

98 48.7 38.9 58.3





#37

1,2-Dichloropropane

Concen: 25.023 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

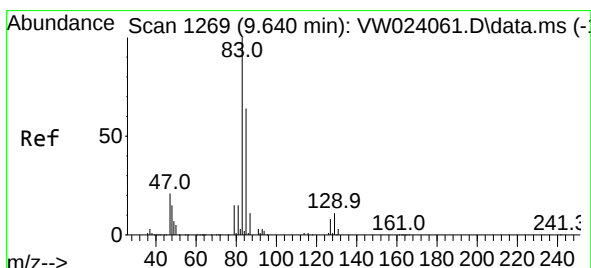
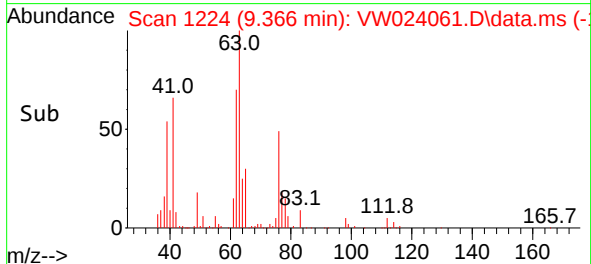
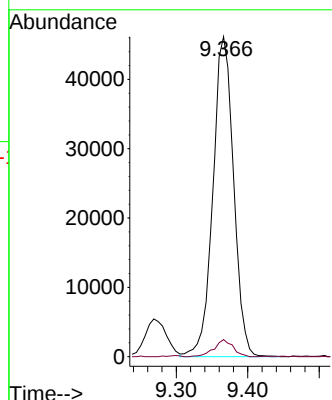
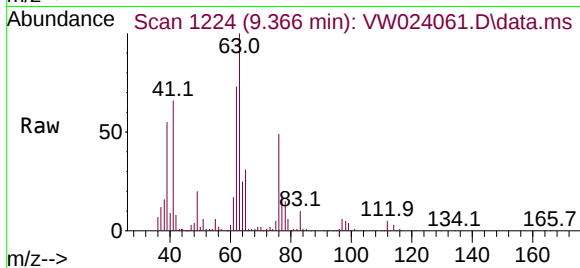
VSTD025458

Tgt Ion: 63 Resp: 92753

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 24.253 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

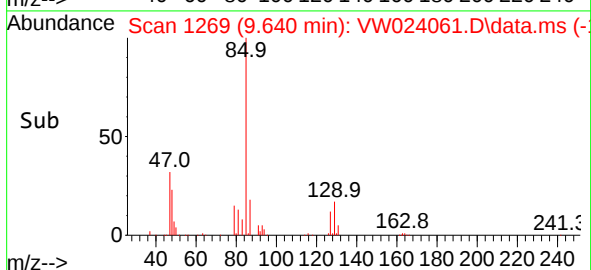
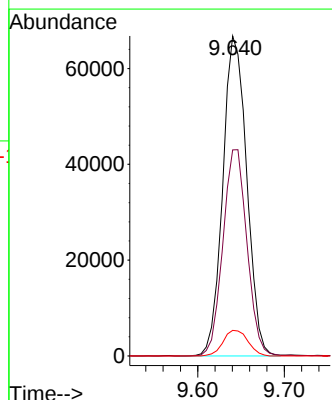
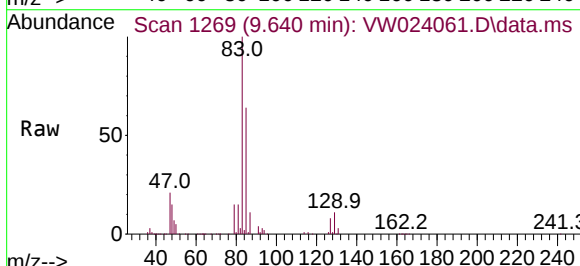
Tgt Ion: 83 Resp: 128174

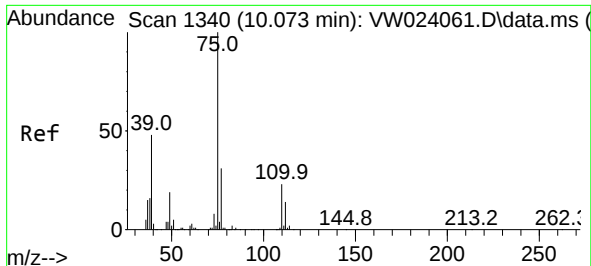
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.821 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

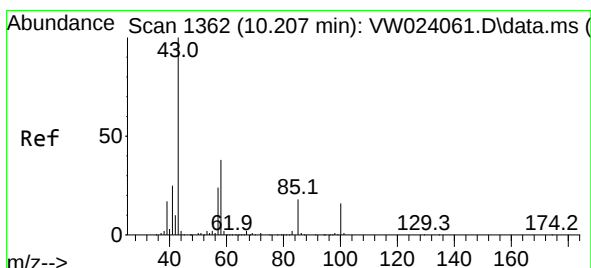
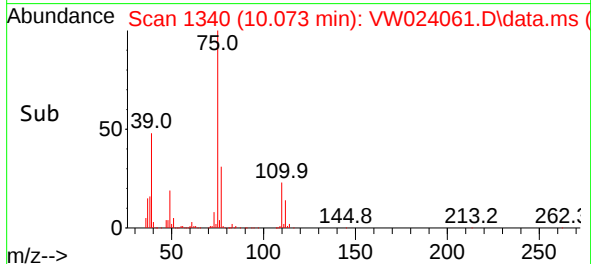
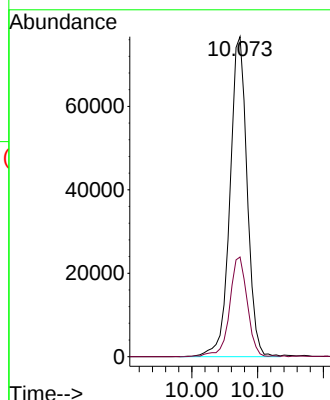
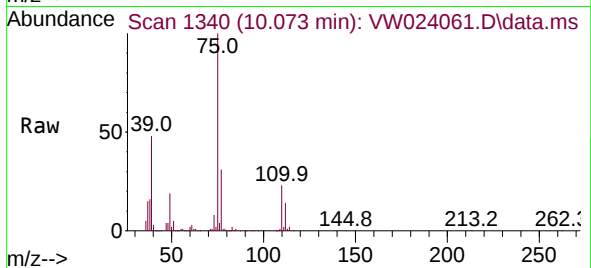
VSTD025458

Tgt Ion: 75 Resp: 139446

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.258 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

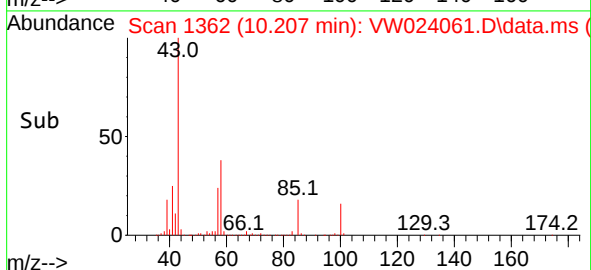
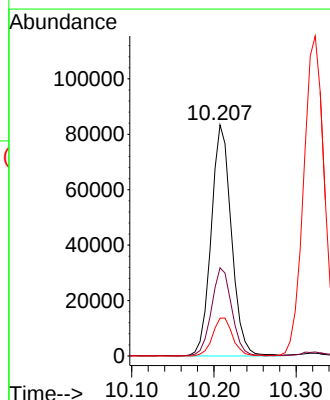
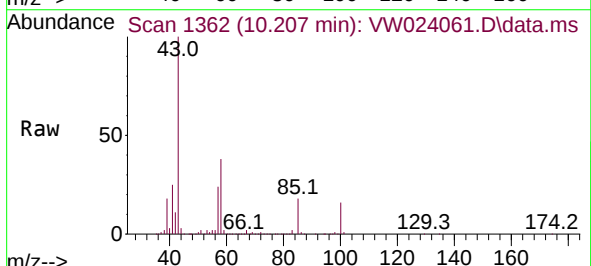
Tgt Ion: 43 Resp: 142528

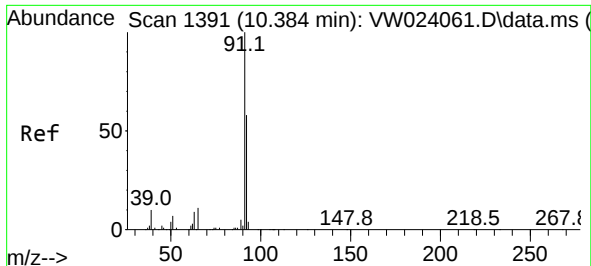
Ion Ratio Lower Upper

43 100

58 38.5 30.8 46.2

100 16.3 13.0 19.6

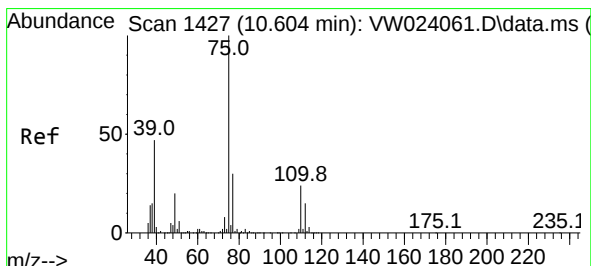
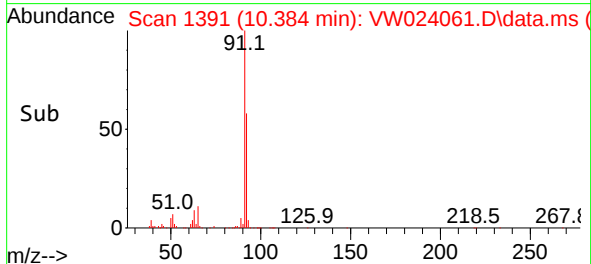
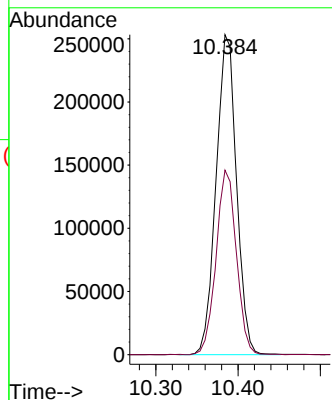
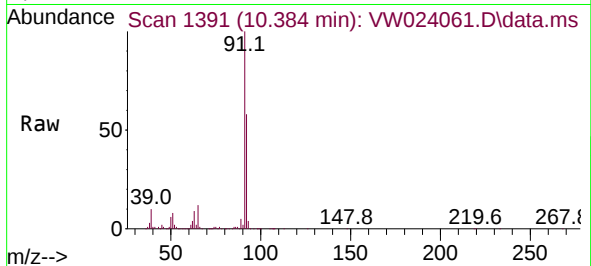




#42
Toluene
Concen: 26.358 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

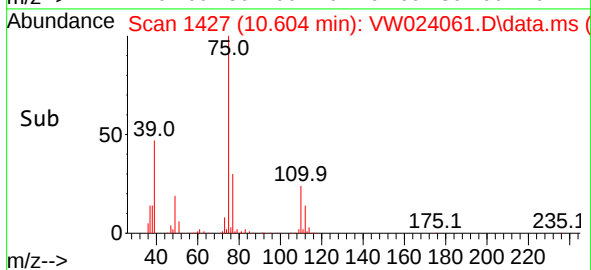
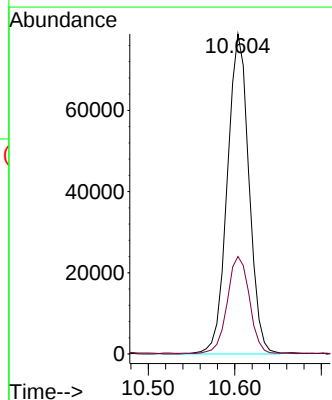
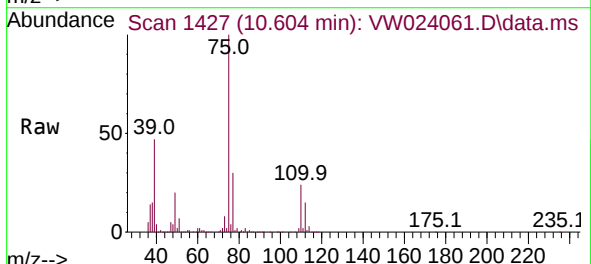
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

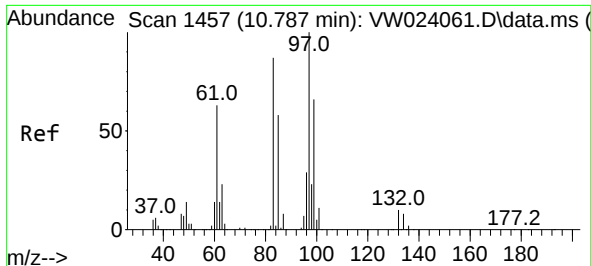
Tgt Ion: 91 Resp: 437113
Ion Ratio Lower Upper
91 100
92 57.6 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 26.739 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion: 75 Resp: 136752
Ion Ratio Lower Upper
75 100
77 30.5 21.3 39.6

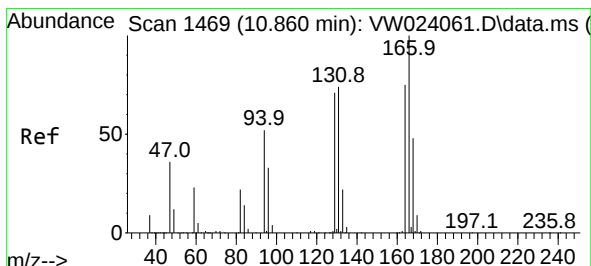
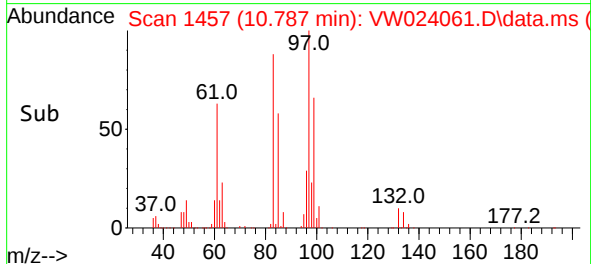
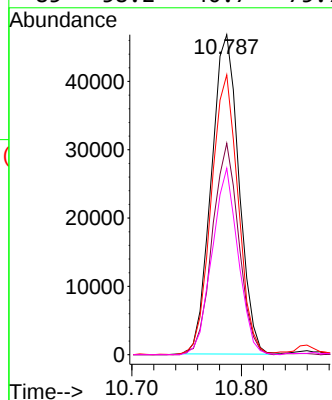
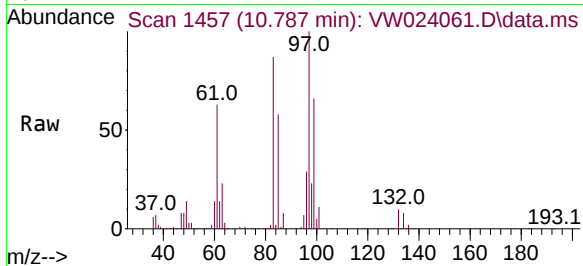




#45
1,1,2-Trichloroethane
Concen: 25.238 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

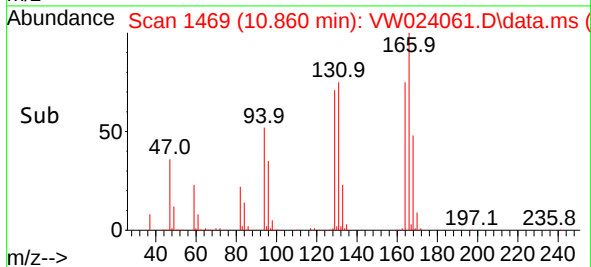
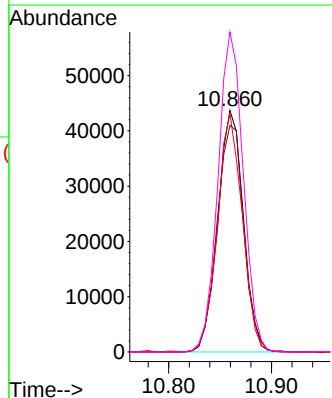
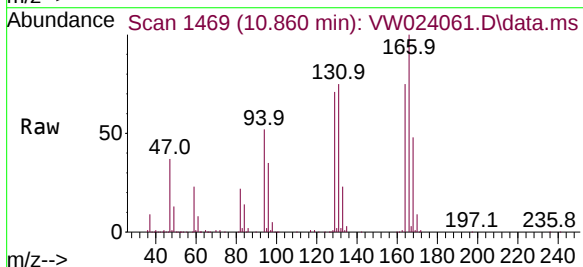
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

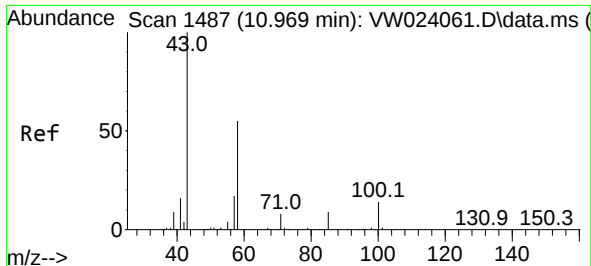
Tgt Ion:	97	Resp:	81725
Ion	Ratio	Lower	Upper
97	100		
99	66.0	46.2	85.8
83	87.4	61.2	113.6
85	58.2	40.7	75.7



#46
Tetrachloroethene
Concen: 24.886 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion:	164	Resp:	75621
Ion	Ratio	Lower	Upper
164	100		
129	93.9	65.7	122.1
131	98.8	69.2	128.4
166	132.6	92.8	172.4

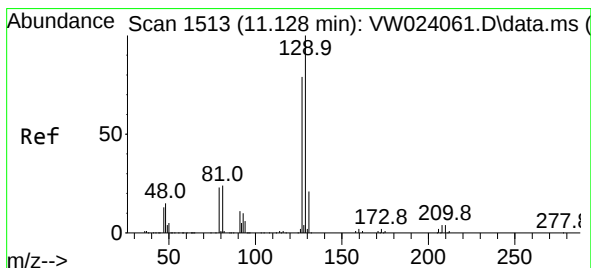
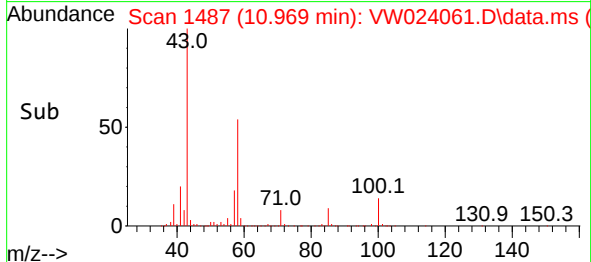
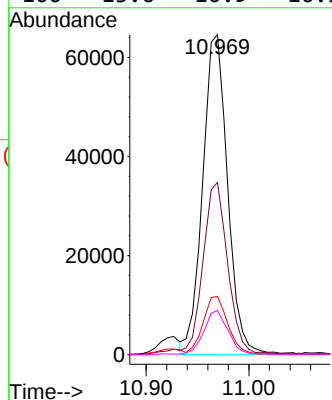
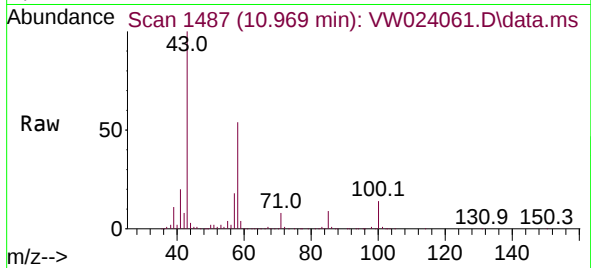




#48
2-Hexanone
Concen: 58.385 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

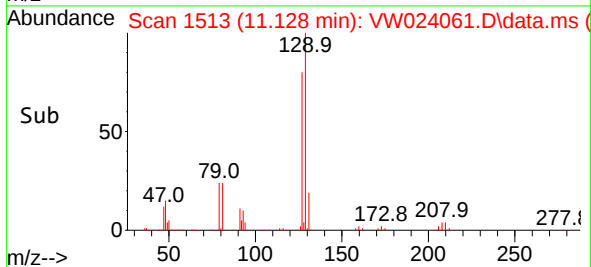
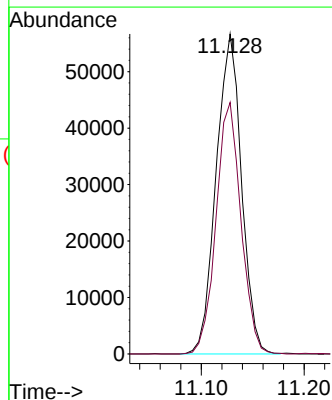
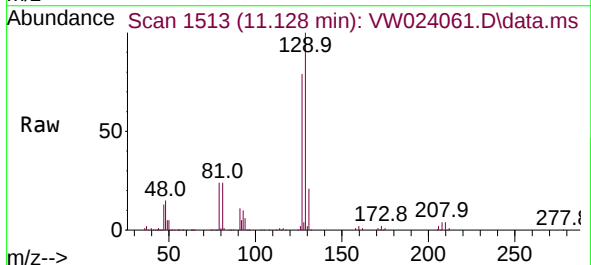
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

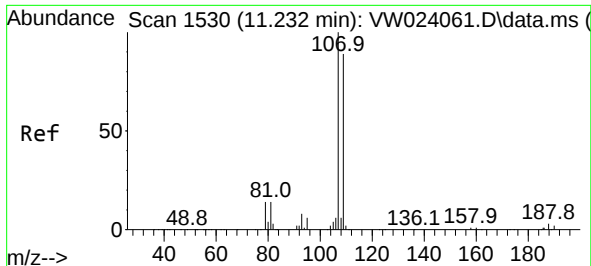
Tgt Ion: 43	Resp: 109133
Ion Ratio	Lower Upper
43 100	
58 51.3	41.0 61.6
57 18.1	14.5 21.7
100 13.6	10.9 16.3



#49
Dibromochloromethane
Concen: 25.654 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion:129	Resp:	97063	
Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.0	102.2

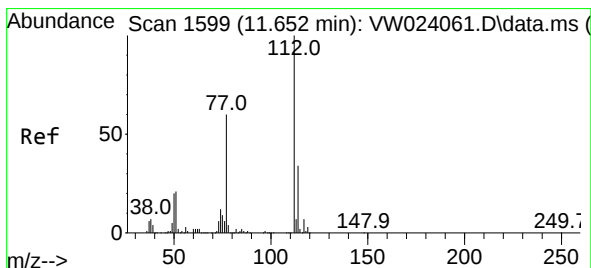
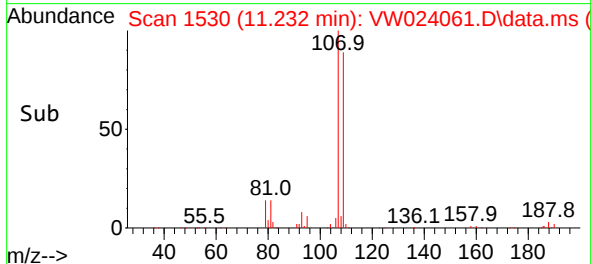
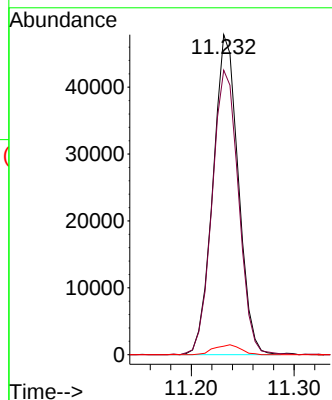
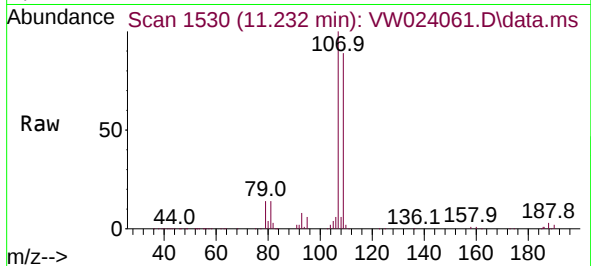




#50
1,2-Dibromoethane
Concen: 25.804 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

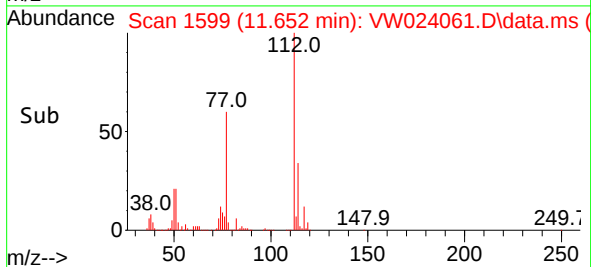
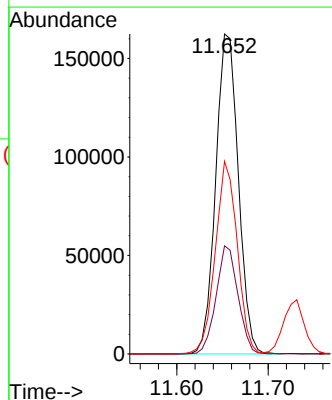
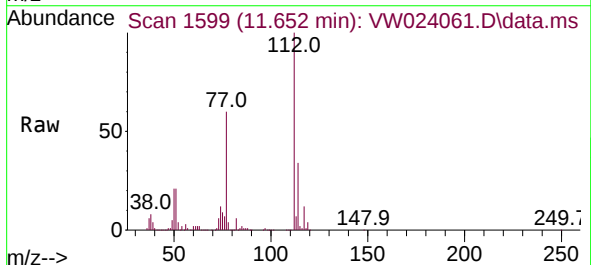
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

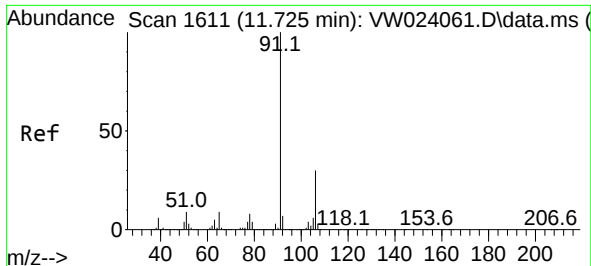
Tgt Ion:107 Resp: 81807
Ion Ratio Lower Upper
107 100
109 88.9 62.2 115.6
188 2.7 2.2 3.2



#51
Chlorobenzene
Concen: 25.069 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion:112 Resp: 279801
Ion Ratio Lower Upper
112 100
114 33.8 23.7 43.9
77 60.2 48.2 72.2





#52

Ethylbenzene

Concen: 26.857 ug/L

RT: 11.725 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

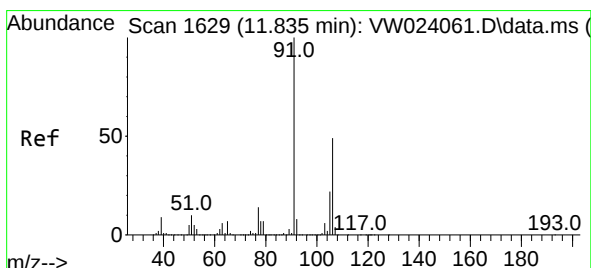
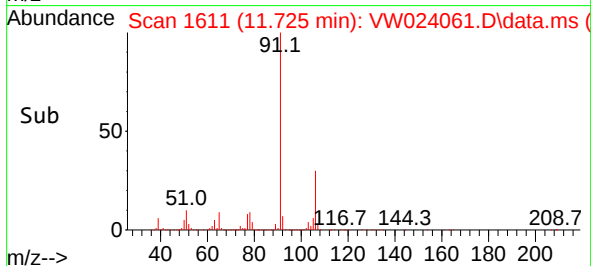
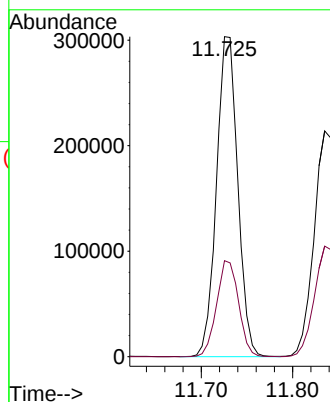
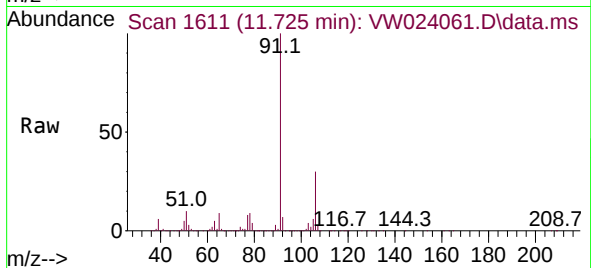
VSTD025458

Tgt Ion: 91 Resp: 490843

Ion Ratio Lower Upper

91 100

106 30.0 21.0 39.0



#53

m,p-Xylene

Concen: 27.416 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW024061.D

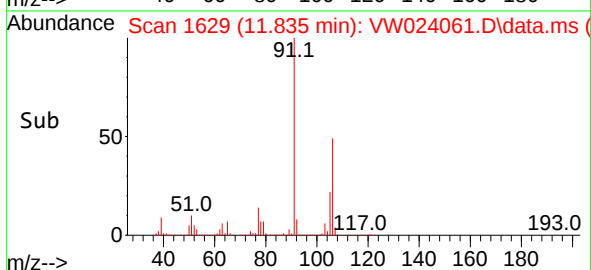
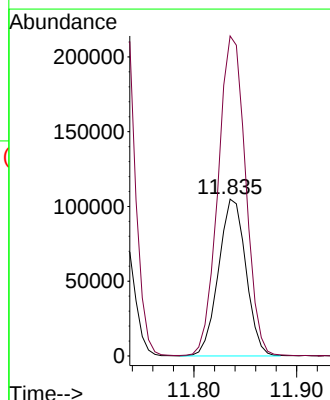
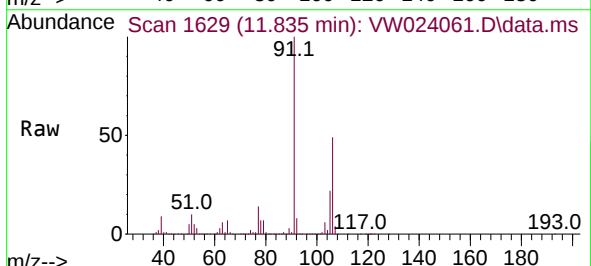
Acq: 25 Jul 2022 09:20

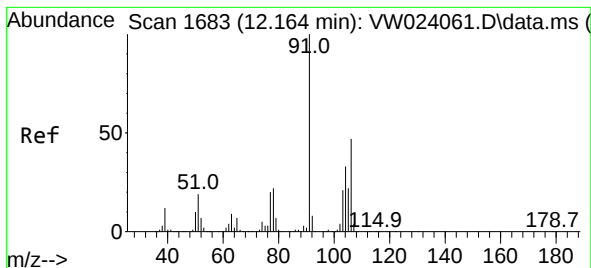
Tgt Ion:106 Resp: 194488

Ion Ratio Lower Upper

106 100

91 204.1 142.9 265.3

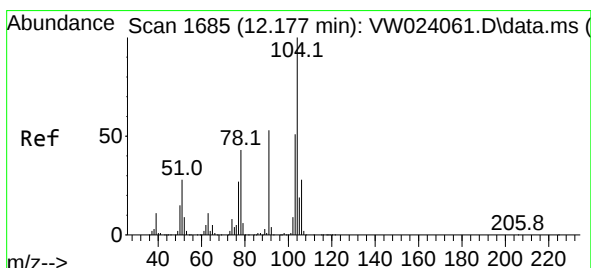
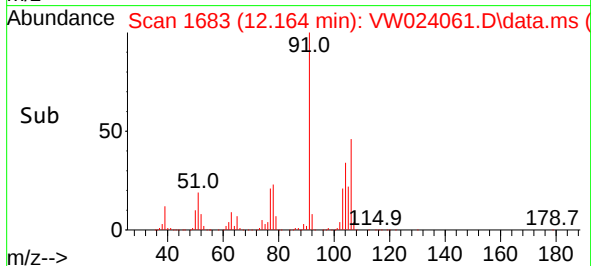
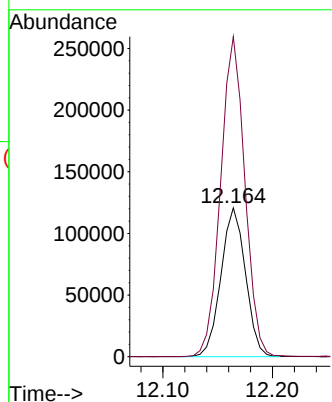
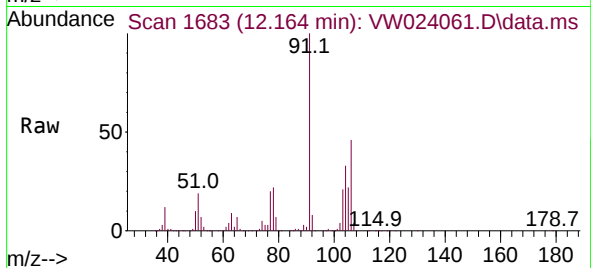




#54
o-Xylene
Concen: 27.687 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

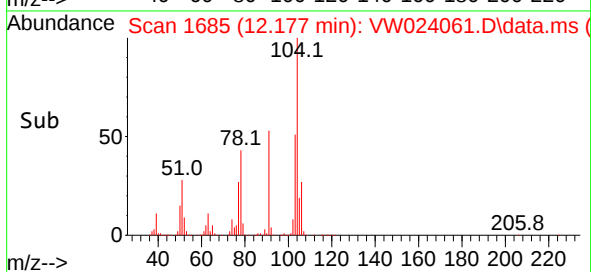
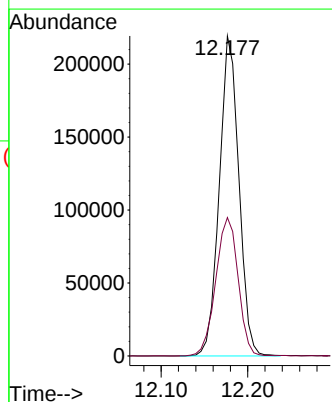
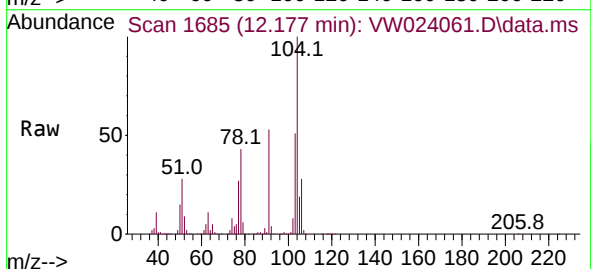
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

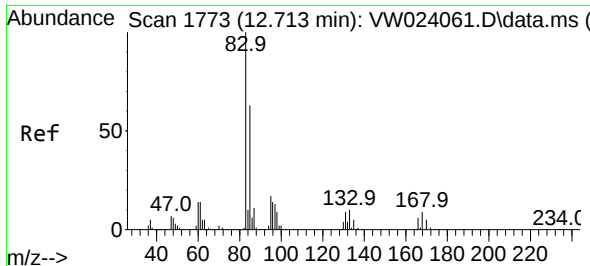
Tgt Ion:106 Resp: 187826
Ion Ratio Lower Upper
106 100
91 215.1 150.6 279.6



#55
Styrene
Concen: 28.352 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion:104 Resp: 344576
Ion Ratio Lower Upper
104 100
78 43.3 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.494 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025458

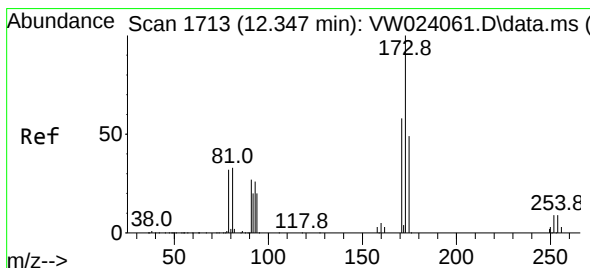
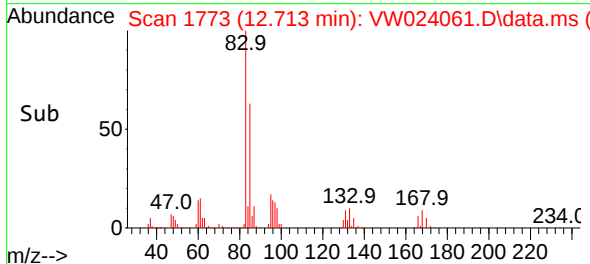
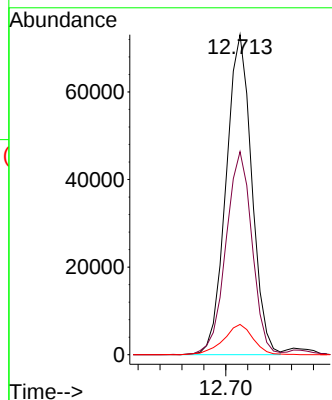
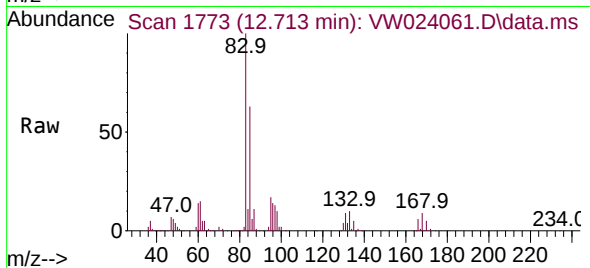
Tgt Ion: 83 Resp: 118900

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5

131 9.4 7.5 11.3



#59

Bromoform

Concen: 25.533 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

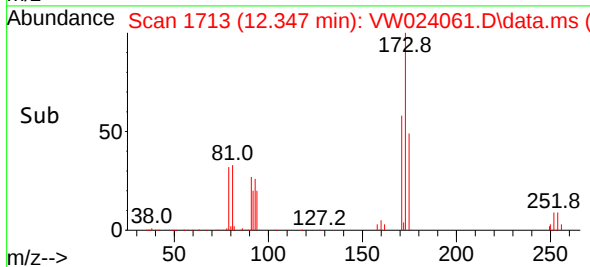
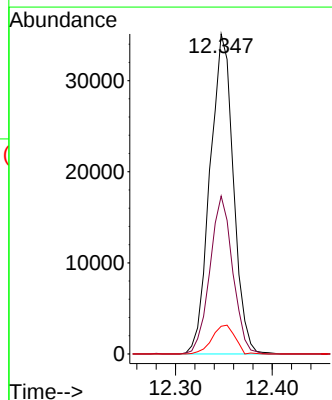
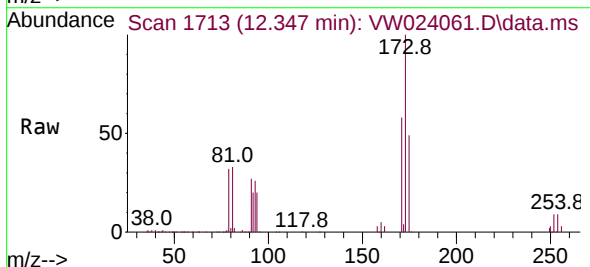
Tgt Ion:173 Resp: 58967

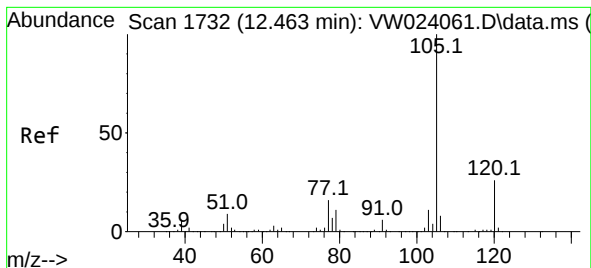
Ion Ratio Lower Upper

173 100

175 48.0 38.4 57.6

254 8.7 7.0 10.4





#60

Isopropylbenzene

Concen: 27.332 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025458

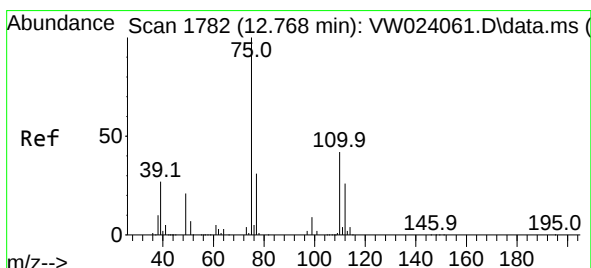
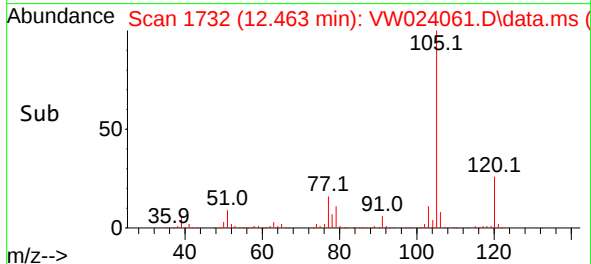
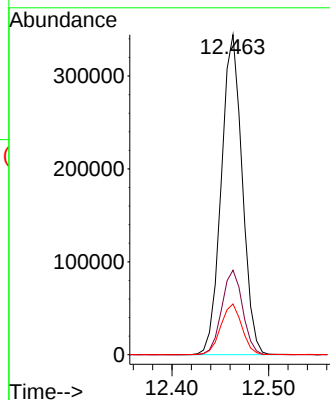
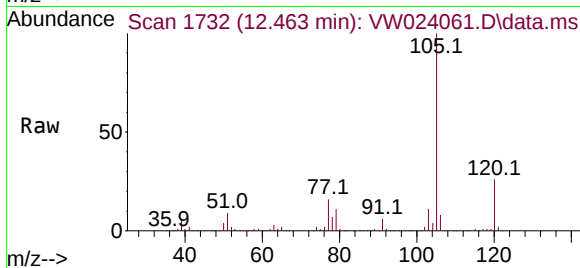
Tgt Ion:105 Resp: 517242

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

77 16.0 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 25.347 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

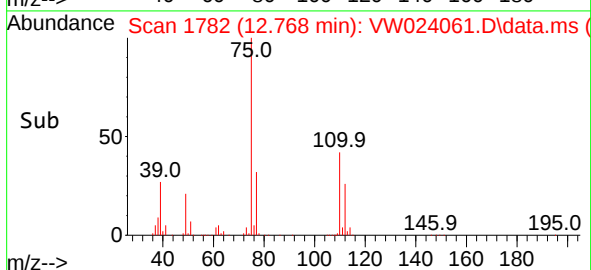
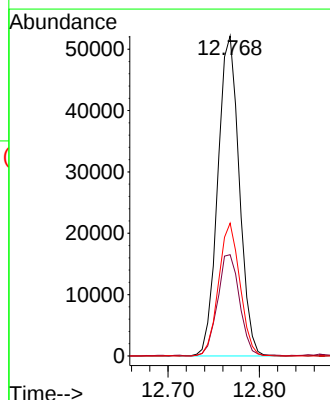
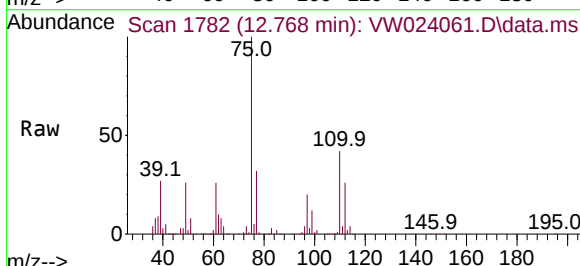
Tgt Ion: 75 Resp: 85121

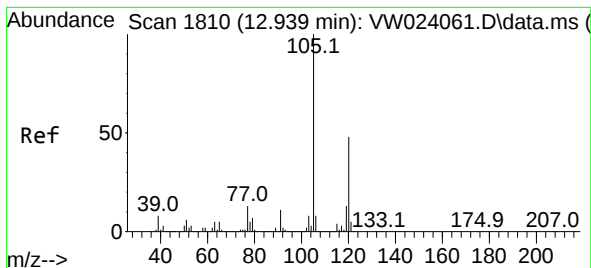
Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1

110 41.2 33.0 49.4

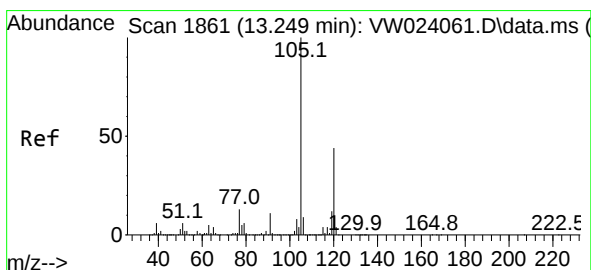
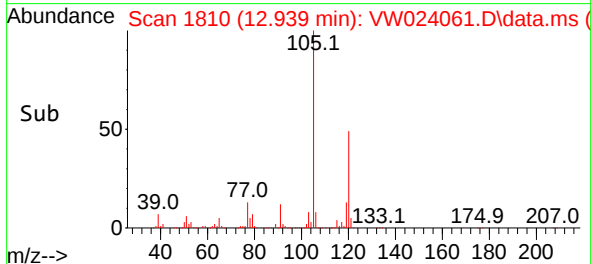
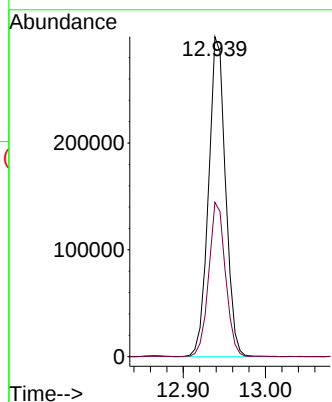
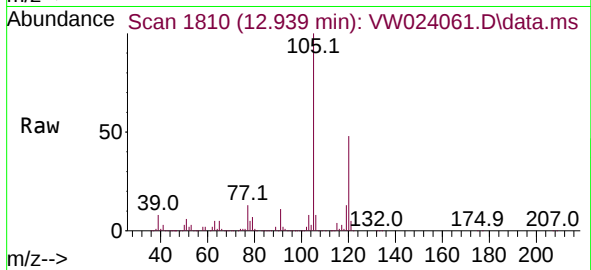




#62
1,3,5-Trimethylbenzene
Concen: 28.203 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

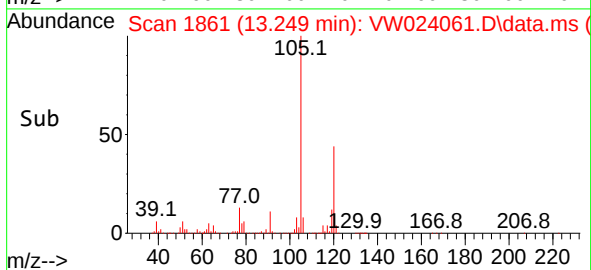
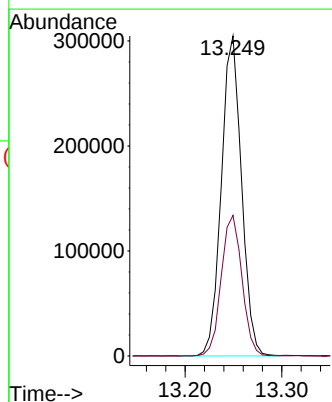
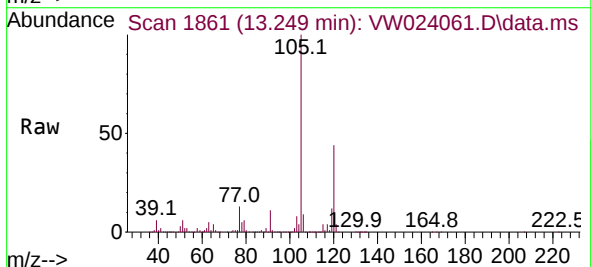
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

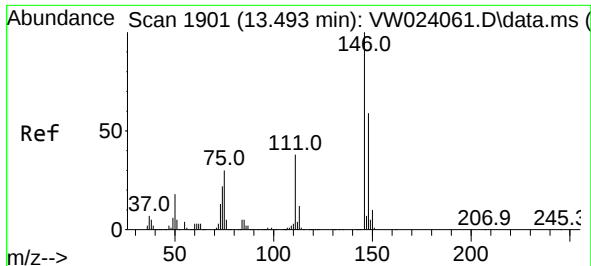
Tgt Ion:105 Resp: 429396
Ion Ratio Lower Upper
105 100
120 47.6 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 28.613 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion:105 Resp: 440915
Ion Ratio Lower Upper
105 100
120 45.1 36.1 54.1

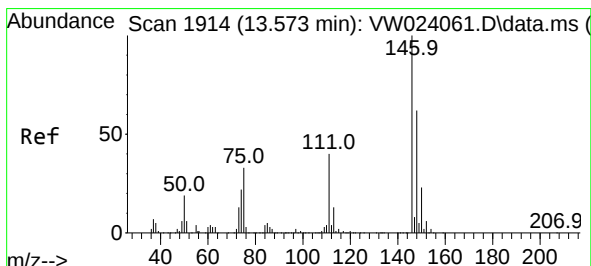
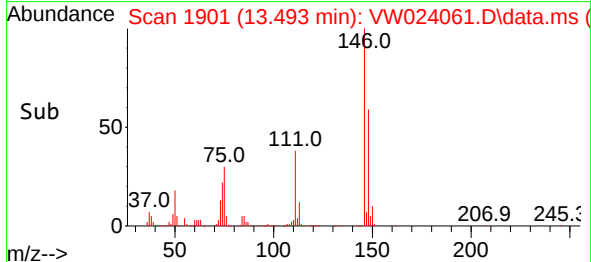
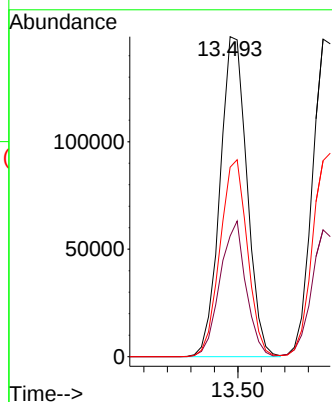
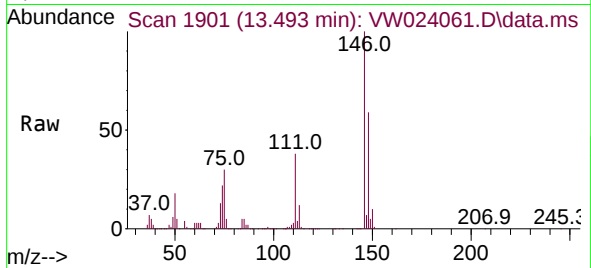




#64
1,3-Dichlorobenzene
Concen: 26.192 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

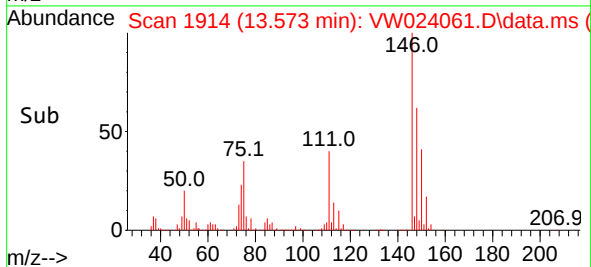
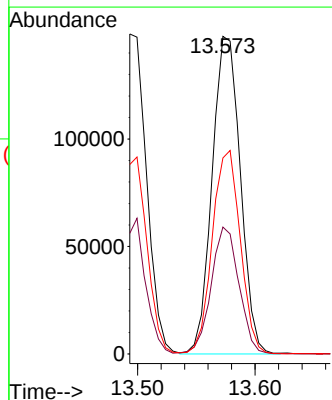
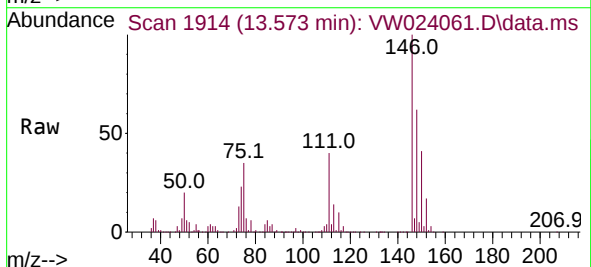
Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

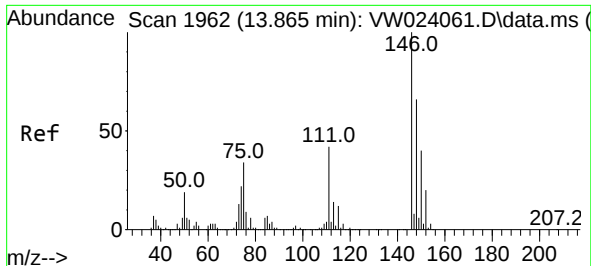
Tgt Ion:146 Resp: 237064
Ion Ratio Lower Upper
146 100
111 37.7 26.4 49.0
148 59.2 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 25.694 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion:146 Resp: 246877
Ion Ratio Lower Upper
146 100
111 39.9 27.9 51.9
148 61.7 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 26.374 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025458

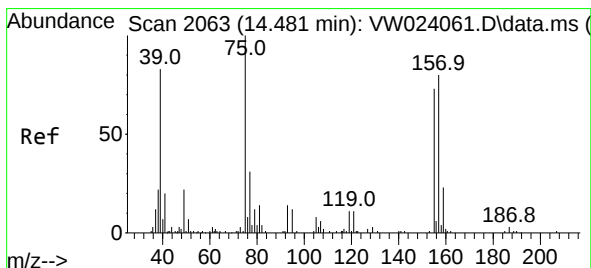
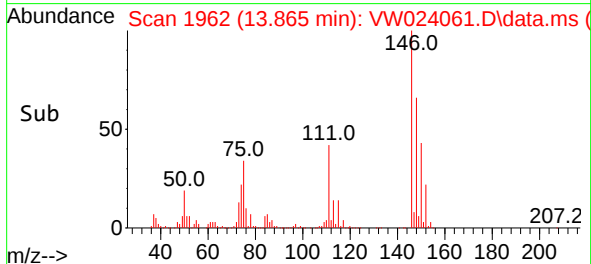
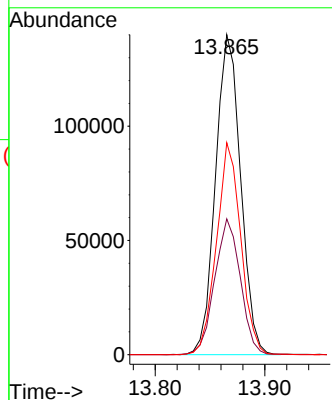
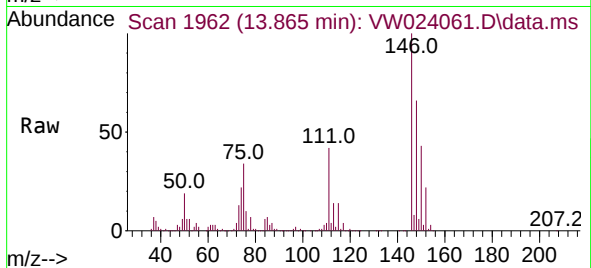
Tgt Ion:146 Resp: 223292

Ion Ratio Lower Upper

146 100

111 42.4 33.9 50.9

148 66.3 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.257 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

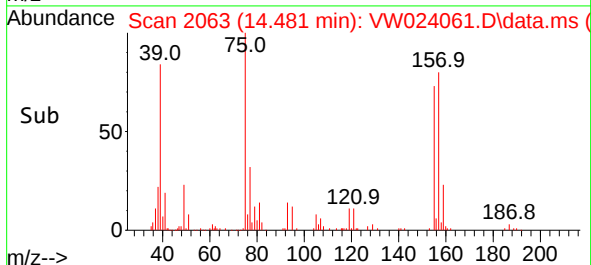
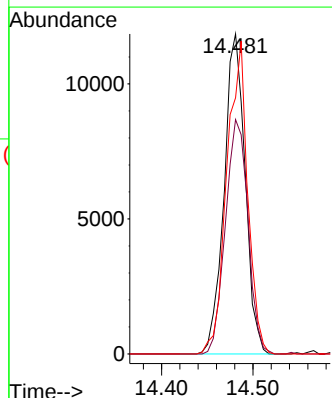
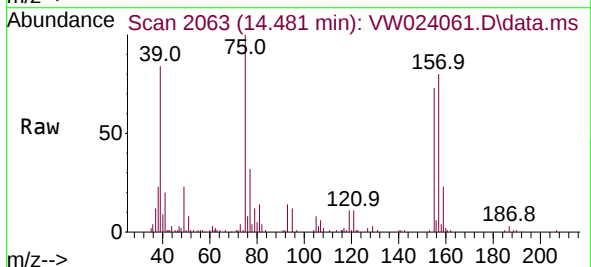
Tgt Ion: 75 Resp: 18952

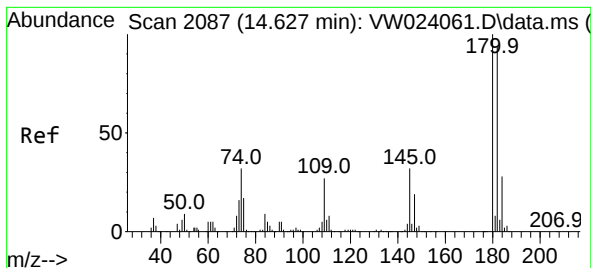
Ion Ratio Lower Upper

75 100

155 73.3 58.6 88.0

157 80.0 64.0 96.0





#69

1,3,5-Trichlorobenzene

Concen: 26.242 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025458

Tgt Ion:180 Resp: 151467

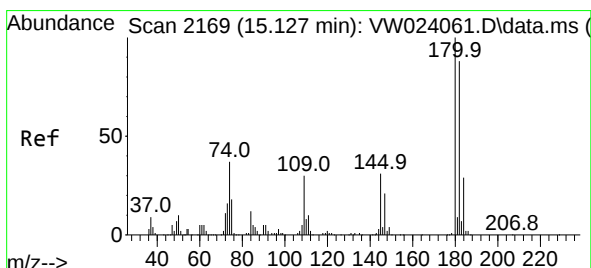
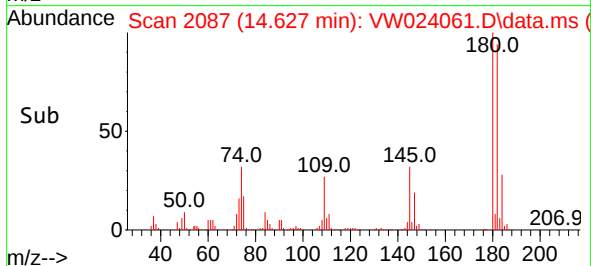
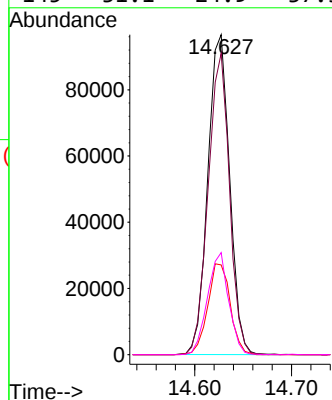
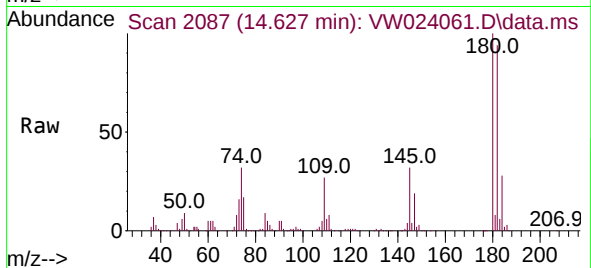
Ion Ratio Lower Upper

180 100

182 92.4 73.9 110.9

184 29.4 23.5 35.3

145 31.1 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 27.151 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024061.D

Acq: 25 Jul 2022 09:20

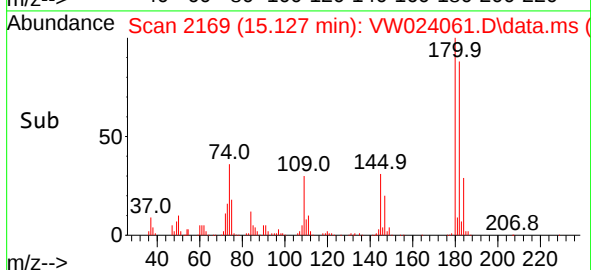
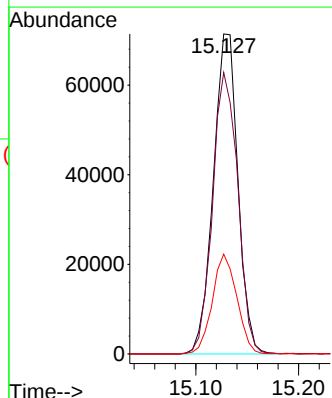
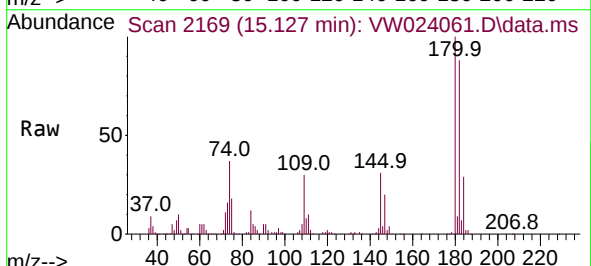
Tgt Ion:180 Resp: 118745

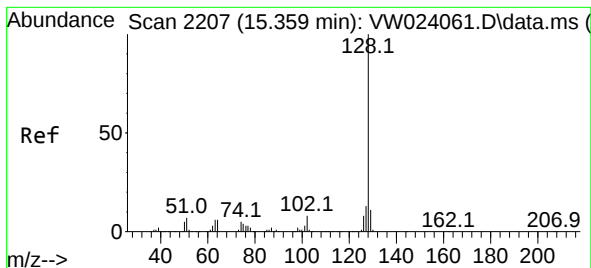
Ion Ratio Lower Upper

180 100

182 90.0 72.0 108.0

145 31.1 24.9 37.3

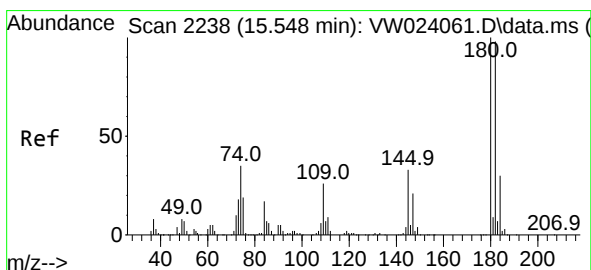
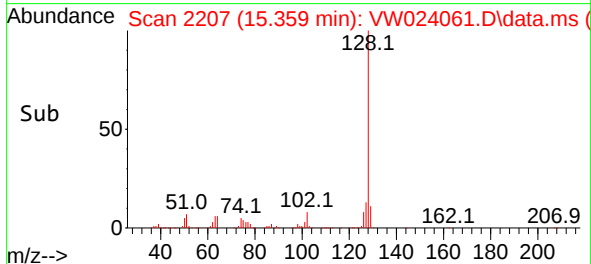
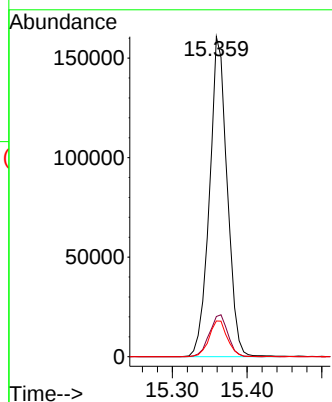
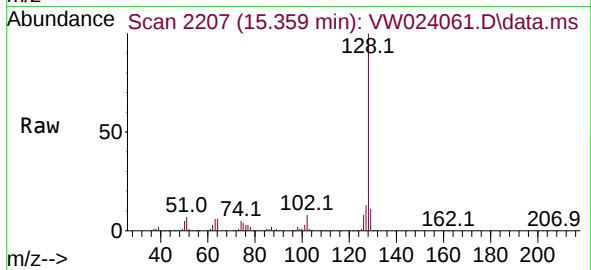




#71
Naphthalene
Concen: 28.246 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025458

Tgt Ion:128 Resp: 264337
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.6 9.3 13.9



#72
1,2,3-Trichlorobenzene
Concen: 26.075 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024061.D
Acq: 25 Jul 2022 09:20

Tgt Ion:180 Resp: 107268
Ion Ratio Lower Upper
180 100
182 97.3 77.8 116.8
145 34.5 27.6 41.4

