

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121222\
 Data File : VW025136.D
 Acq On : 12 Dec 2022 14:26
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025509

Quant Time: Dec 13 00:40:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 13 00:39:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	442587	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	194760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	128551	25.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.800%	
7) Chloroethane-d5	2.885	69	84303	25.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.360%	
11) 1,1-Dichloroethene-d2	4.019	63	288330	25.796	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.200%	
21) 2-Butanone-d5	7.074	46	60372	47.134	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.260%	
24) Chloroform-d	7.647	84	285871	25.023	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.080%	
26) 1,2-Dichloroethane-d4	8.305	65	144318	24.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.640%	
32) Benzene-d6	8.275	84	592677	25.286	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.160%	
36) 1,2-Dichloropropane-d6	9.274	67	171512	25.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.600%	
41) Toluene-d8	10.323	98	539749	25.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.600%	
43) trans-1,3-Dichloroprop...	10.579	79	70634	24.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.080%	
47) 2-Hexanone-d5	10.920	63	49810	49.780	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.560%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	121577	24.140	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 96.560%	
66) 1,2-Dichlorobenzene-d4	13.853	152	166487	25.220	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	62836	23.426	ug/L	100
3) Chloromethane	2.209	50	116209	24.605	ug/L	96
5) Vinyl chloride	2.361	62	155635	26.342	ug/L	99
6) Bromomethane	2.776	94	77251	25.233	ug/L	91
8) Chloroethane	2.922	64	73464	26.883	ug/L	95
9) Trichlorofluoromethane	3.257	101	116974	26.418	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	153622	26.266	ug/L	99
12) 1,1-Dichloroethene	4.037	96	147206	26.399	ug/L	99
13) Acetone	4.117	43	79742	60.565	ug/L	99
14) Carbon disulfide	4.379	76	453597	25.481	ug/L	98
15) Methyl Acetate	4.665	43	54719	25.462	ug/L	96
16) Methylene chloride	4.915	84	178223	25.764	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	154871	26.199	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	224703	25.618	ug/L	100
19) 1,1-Dichloroethane	6.214	63	281675	26.371	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	167147	26.741	ug/L	94
22) 2-Butanone	7.165	43	88862	53.646	ug/L	99
23) Bromochloromethane	7.512	128	69266	26.188	ug/L	94
25) Chloroform	7.677	83	285004	26.368	ug/L	99

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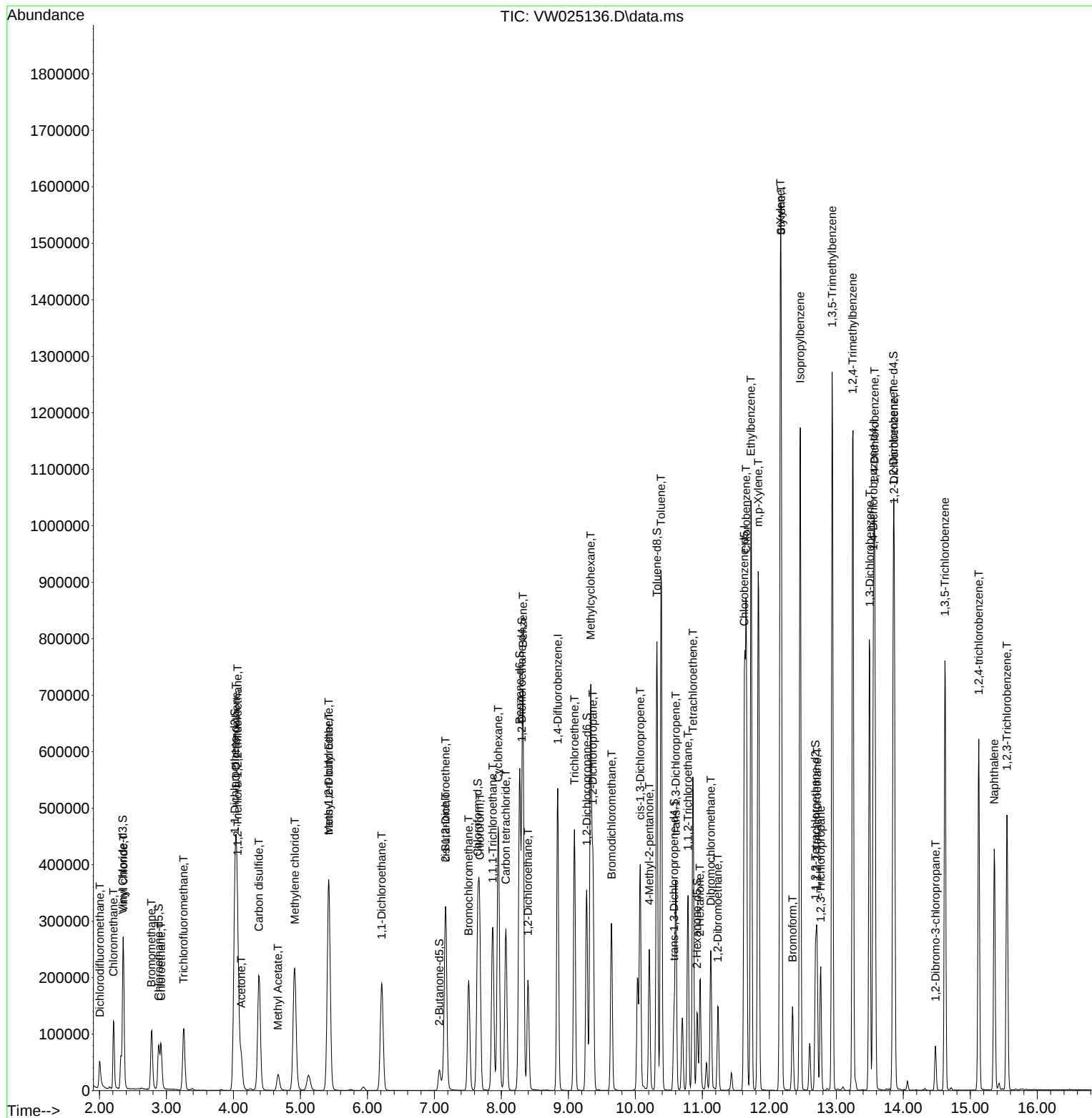
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	177233	26.043	ug/L	100
29) Cyclohexane	7.951	56	267381	26.420	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	239586	25.394	ug/L	99
31) Carbon tetrachloride	8.067	117	221691	25.555	ug/L	98
33) Benzene	8.323	78	638899	25.805	ug/L	100
34) Trichloroethene	9.091	95	165963	25.590	ug/L	94
35) Methylcyclohexane	9.335	83	294060	25.563	ug/L	98
37) 1,2-Dichloropropane	9.366	63	153328	25.676	ug/L	99
38) Bromodichloromethane	9.646	83	206091	26.124	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	242639	26.593	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	156728	51.198	ug/L	99
42) Toluene	10.384	91	674455	26.000	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	207912	26.607	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109952	25.801	ug/L	97
46) Tetrachloroethene	10.859	164	123711	26.204	ug/L	97
48) 2-Hexanone	10.963	43	123900	55.413	ug/L	99
49) Dibromochloromethane	11.128	129	130409	25.481	ug/L	90
50) 1,2-Dibromoethane	11.231	107	101726	25.639	ug/L	94
51) Chlorobenzene	11.652	112	422591	25.455	ug/L	98
52) Ethylbenzene	11.725	91	764342	26.000	ug/L	99
53) m,p-Xylene	11.835	106	297590	26.507	ug/L	95
54) o-Xylene	12.164	106	283753	26.520	ug/L	100
55) Styrene	12.176	104	482287	26.617	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	125228	25.128	ug/L	97
59) Bromoform	12.347	173	65690	24.561	ug/L	97
60) Isopropylbenzene	12.463	105	769462	25.775	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90736	24.238	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	680453	26.610	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	658936	26.524	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	318448	26.056	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	311725	25.327	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	285671	26.802	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	20727	23.747	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	222409	25.629	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	183104	26.297	ug/L	98
71) Naphthalene	15.359	128	364160	26.678	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	154638	25.342	ug/L	100

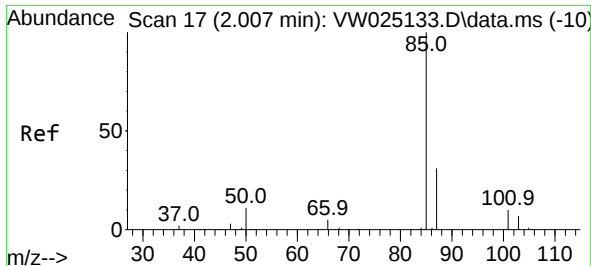
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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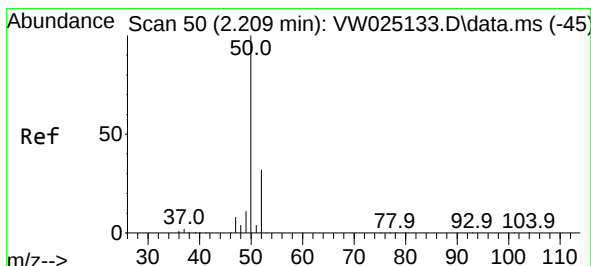
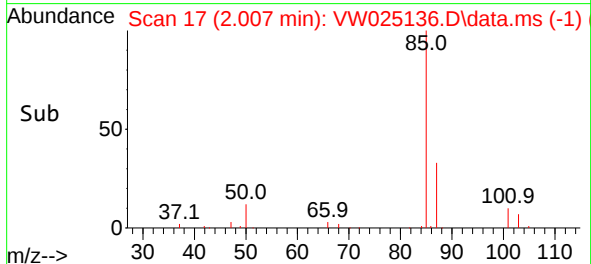
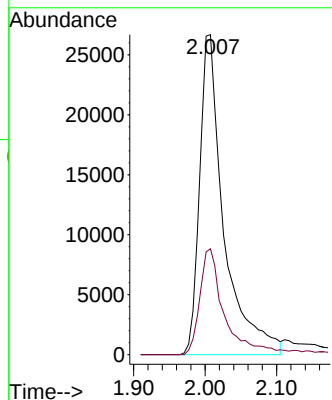
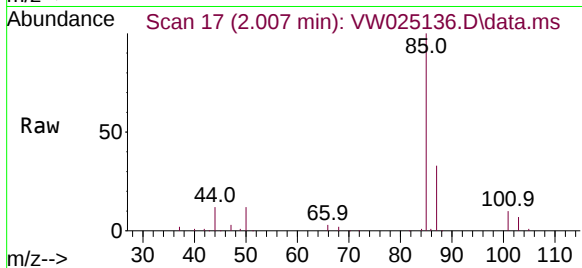




#2
 Dichlorodifluoromethane
 Concen: 23.426 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW025136.D
 Acq: 12 Dec 2022 14:26

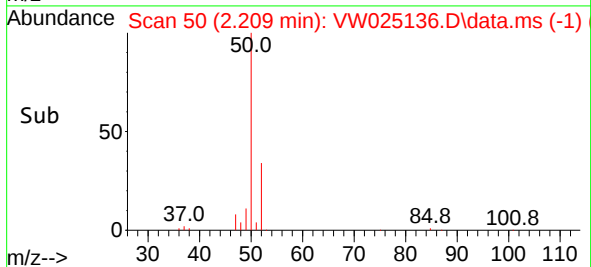
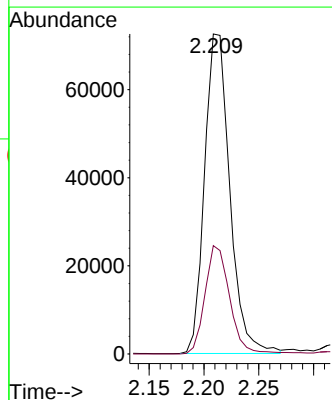
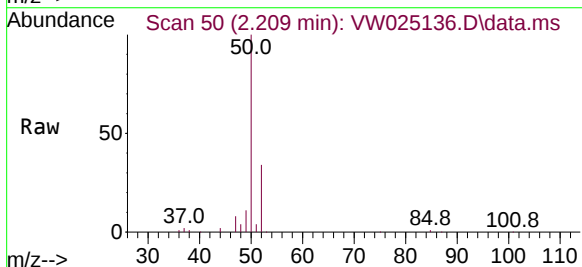
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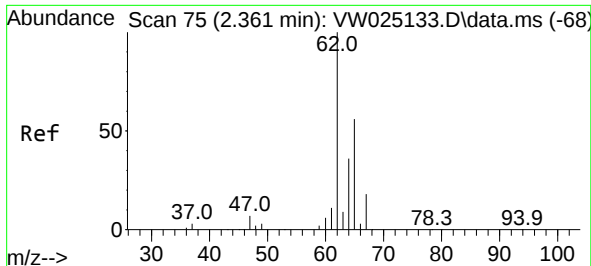
Tgt Ion: 85 Resp: 62836
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.0 37.6



#3
 Chloromethane
 Concen: 24.605 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW025136.D
 Acq: 12 Dec 2022 14:26

Tgt Ion: 50 Resp: 116209
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.1 41.1

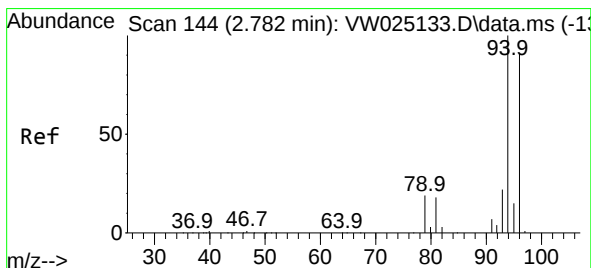
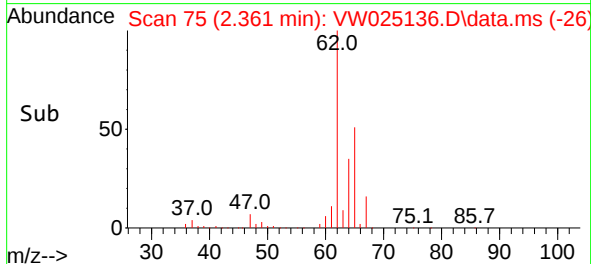
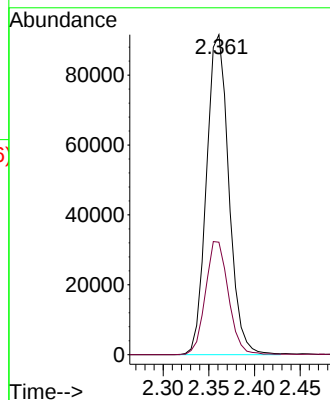
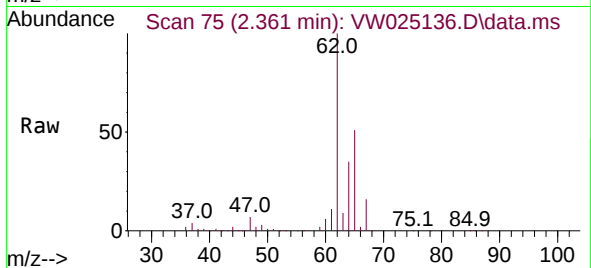




#5
 Vinyl chloride
 Concen: 26.342 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW025136.D
 Acq: 12 Dec 2022 14:26

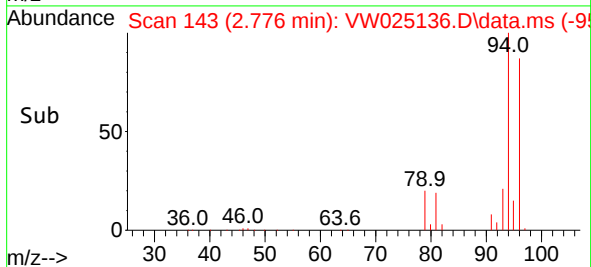
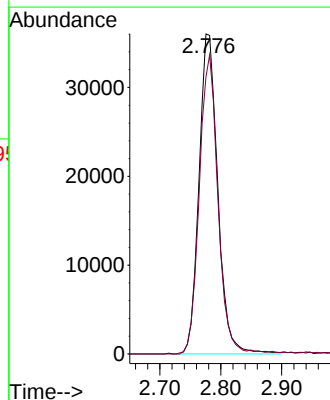
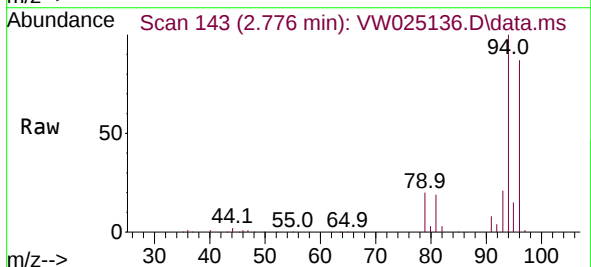
Instrument :
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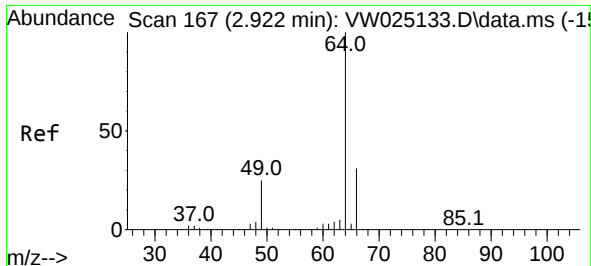
Tgt Ion: 62 Resp: 155635
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.8 46.1



#6
 Bromomethane
 Concen: 25.233 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW025136.D
 Acq: 12 Dec 2022 14:26

Tgt Ion: 94 Resp: 77251
 Ion Ratio Lower Upper
 94 100
 96 86.6 66.7 123.9

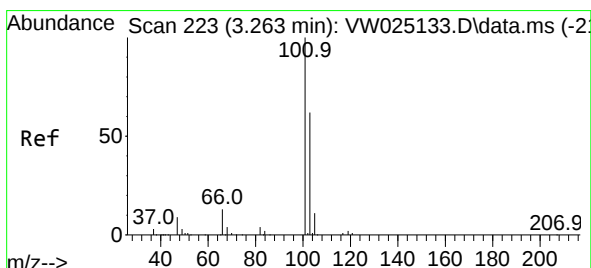
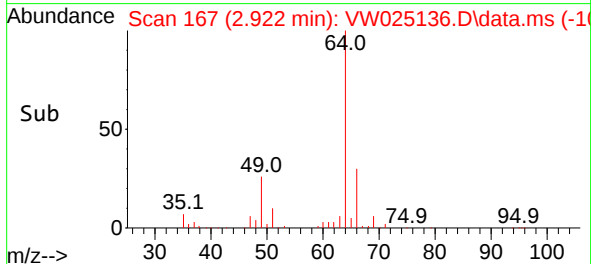
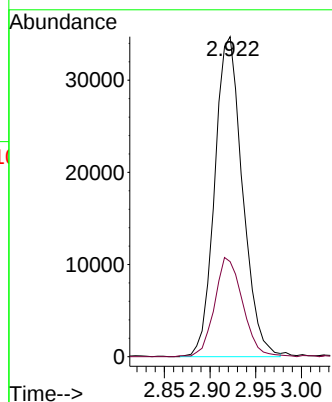
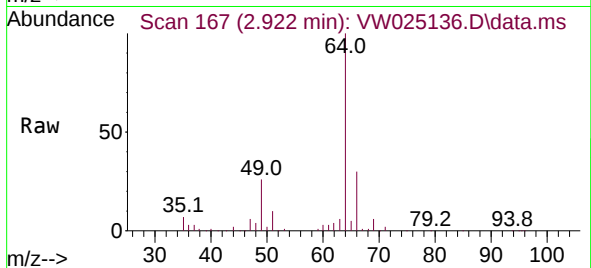




#8
Chloroethane
Concen: 26.883 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

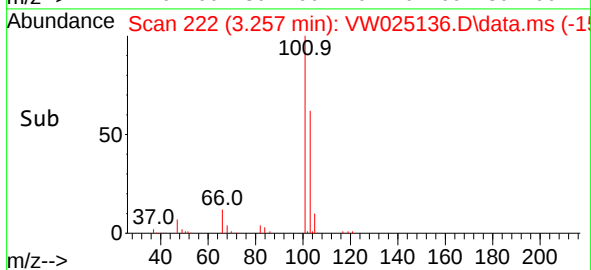
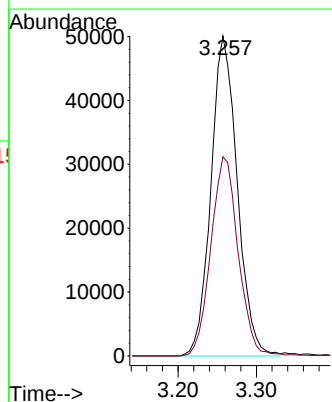
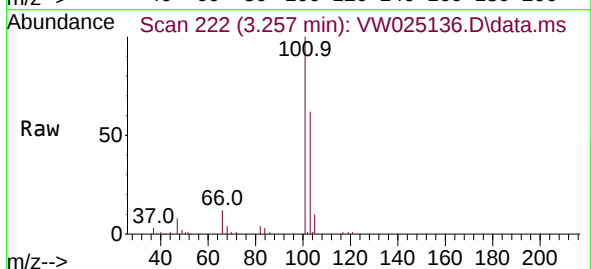
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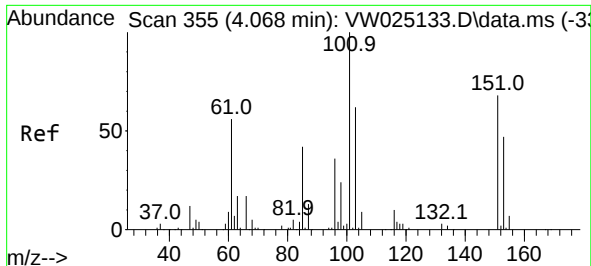
Tgt Ion: 64 Resp: 73464
Ion Ratio Lower Upper
64 100
66 29.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 26.418 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion: 101 Resp: 116974
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3

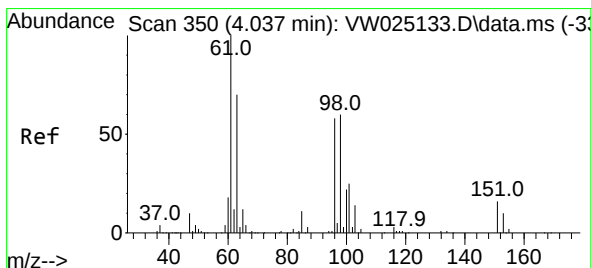
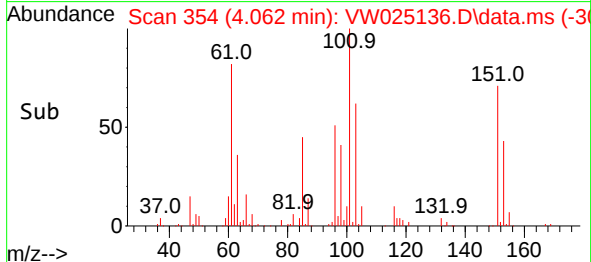
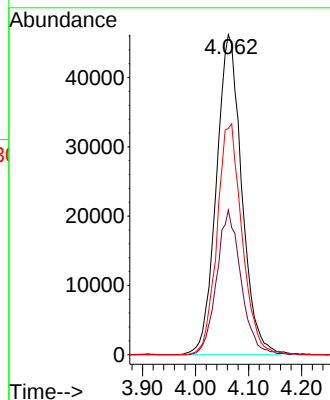
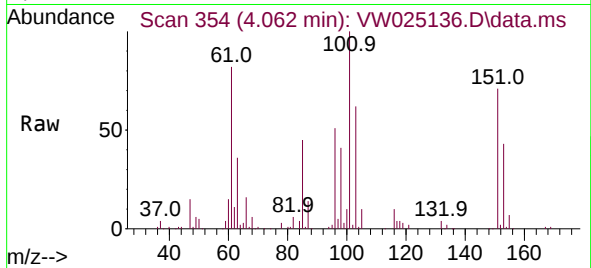




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.266 ug/L
 RT: 4.062 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VW025136.D
 Acq: 12 Dec 2022 14:26

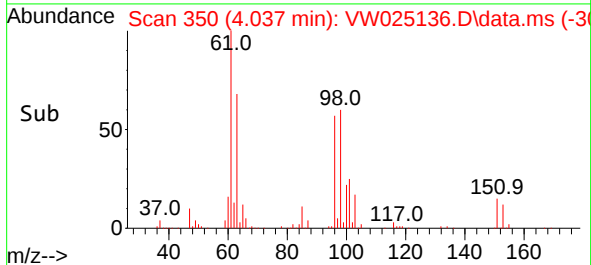
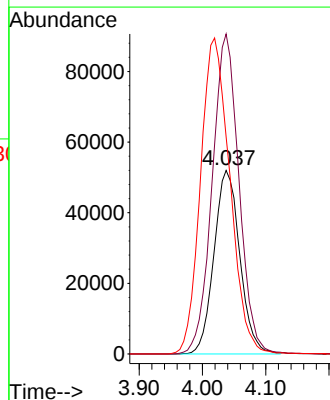
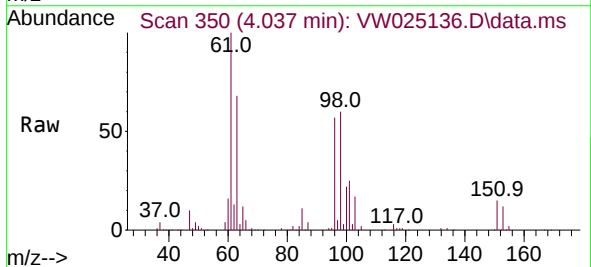
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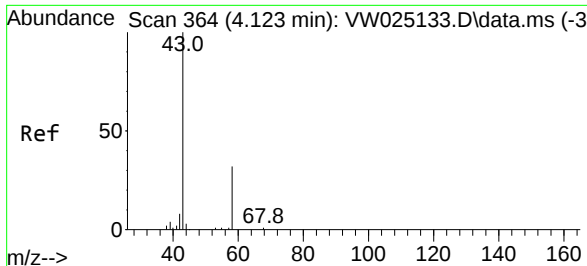
Tgt Ion:101 Resp: 153622
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.6 52.0
 151 70.9 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 26.399 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW025136.D
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Tgt Ion: 96 Resp: 147206
 Ion Ratio Lower Upper
 96 100
 61 174.3 120.8 224.4
 63 118.3 84.1 156.1

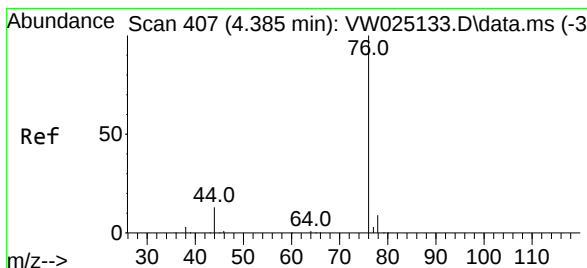
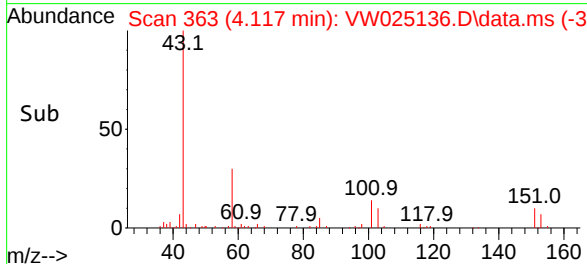
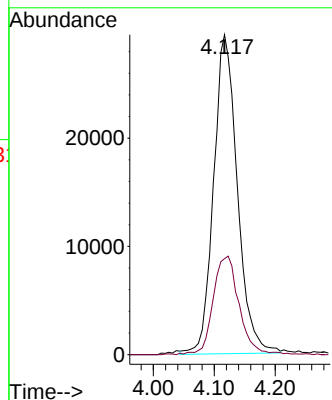
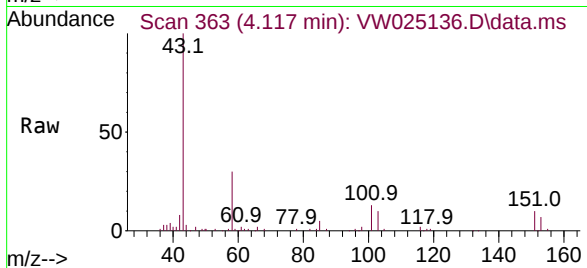




#13
Acetone
Concen: 60.565 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW025136.D
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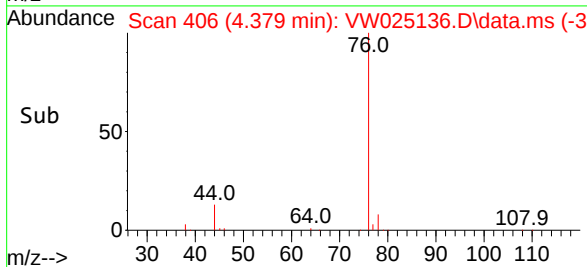
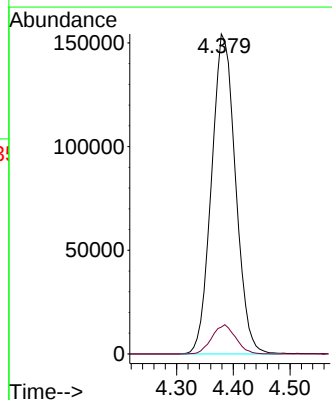
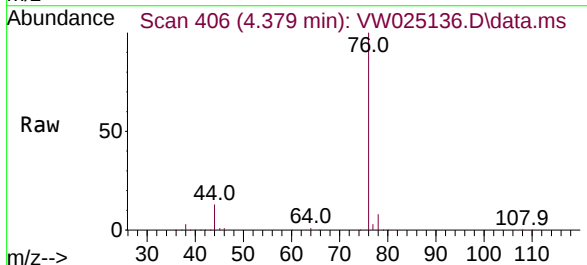
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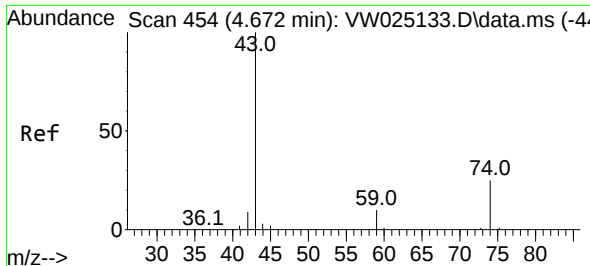
Tgt Ion: 43 Resp: 79742
Ion Ratio Lower Upper
43 100
58 33.0 0.0 65.2



#14
Carbon disulfide
Concen: 25.481 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 453597
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

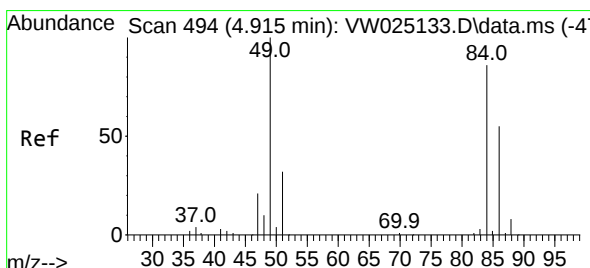
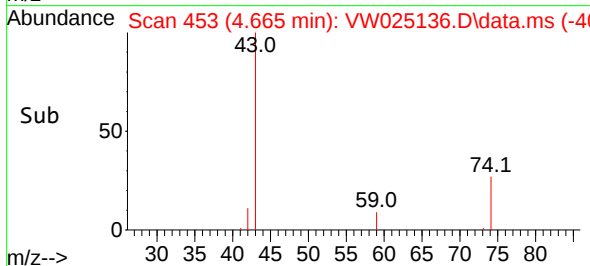
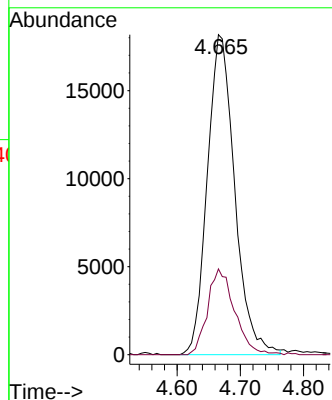
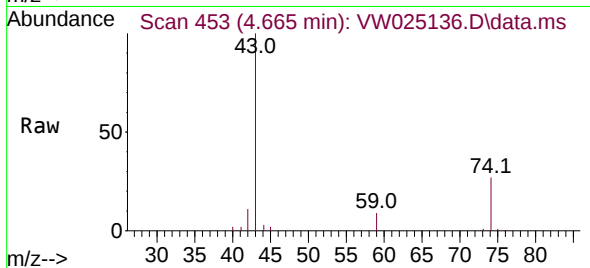




#15
Methyl Acetate
Concen: 25.462 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

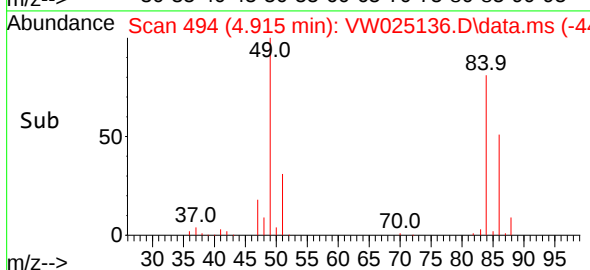
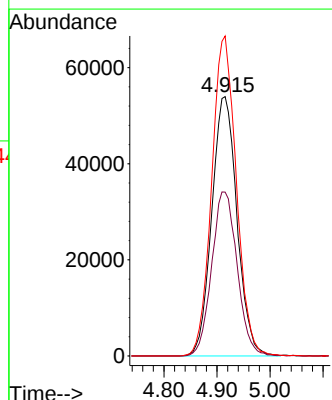
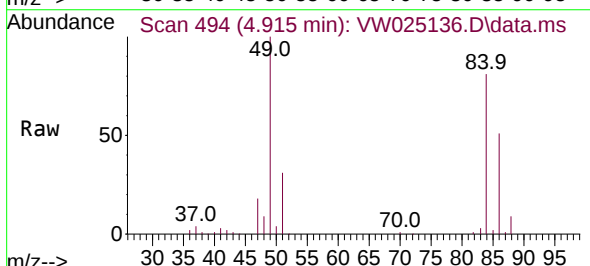
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

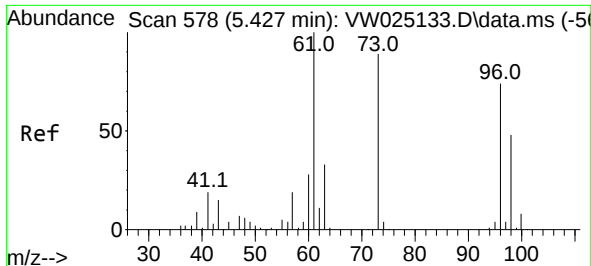
Tgt Ion: 43 Resp: 54719
Ion Ratio Lower Upper
43 100
74 26.2 19.5 29.3



#16
Methylene chloride
Concen: 25.764 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion: 84 Resp: 178223
Ion Ratio Lower Upper
84 100
86 63.2 45.0 83.6
49 123.4 86.3 160.3

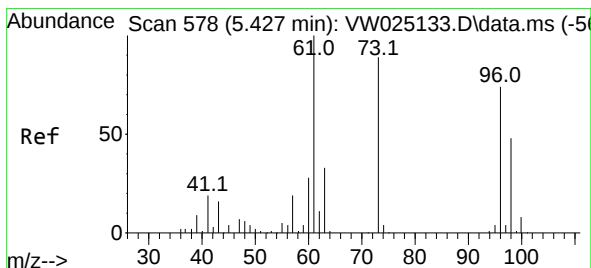
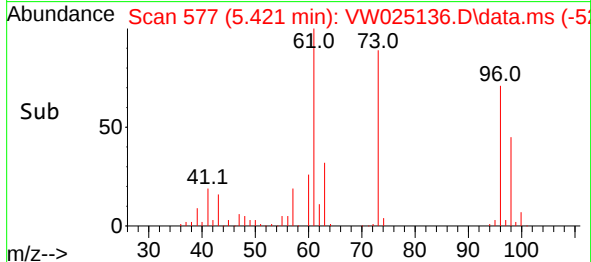
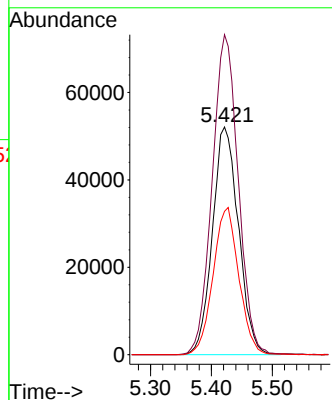
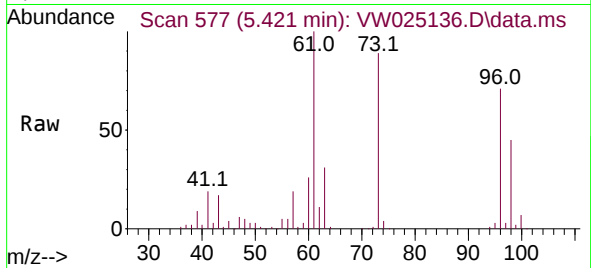




#17
trans-1,2-Dichloroethene
Concen: 26.199 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

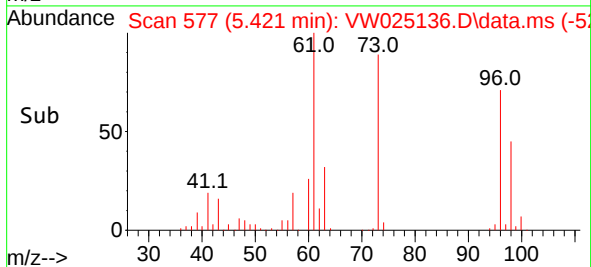
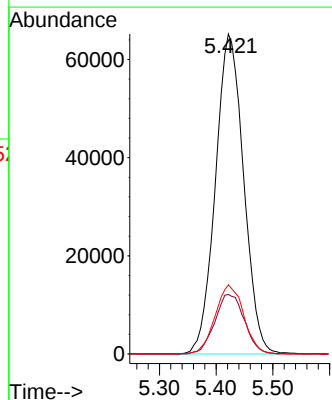
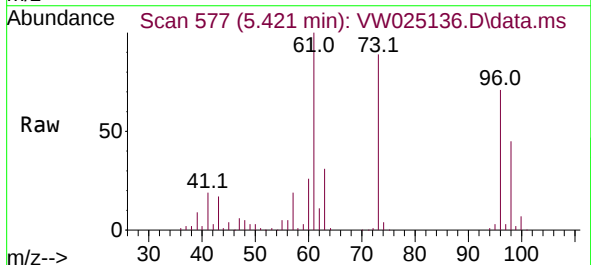
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

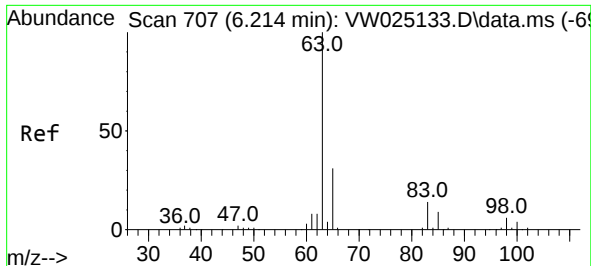
Tgt Ion: 96 Resp: 154871
Ion Ratio Lower Upper
96 100
61 140.6 95.5 177.3
98 63.0 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 25.618 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion: 73 Resp: 224703
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 26.371 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

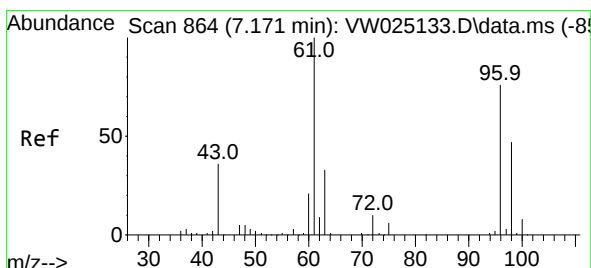
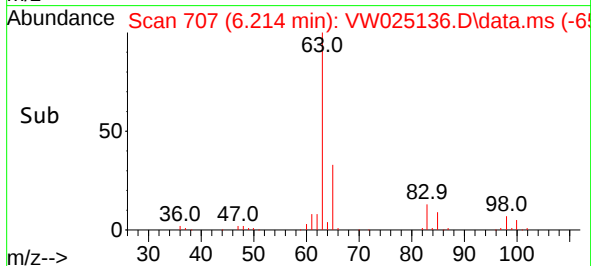
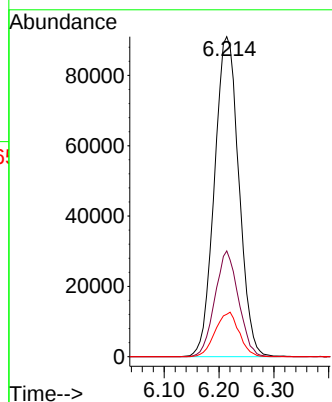
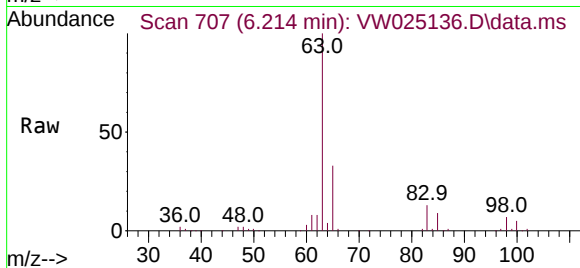
Tgt Ion: 63 Resp: 281675

Ion Ratio Lower Upper

63 100

65 33.0 22.2 41.2

83 13.2 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 26.741 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

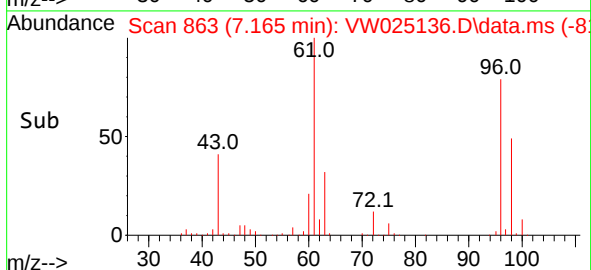
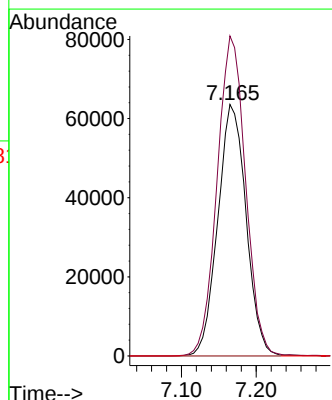
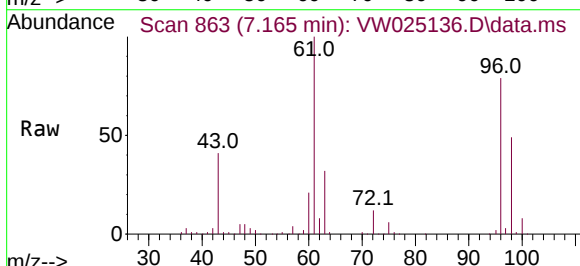
Tgt Ion: 96 Resp: 167147

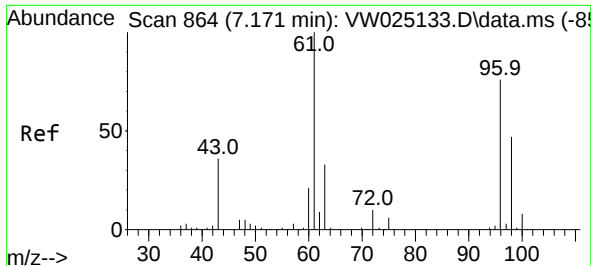
Ion Ratio Lower Upper

96 100

61 127.2 93.7 173.9

68 0.0 0.0 0.0

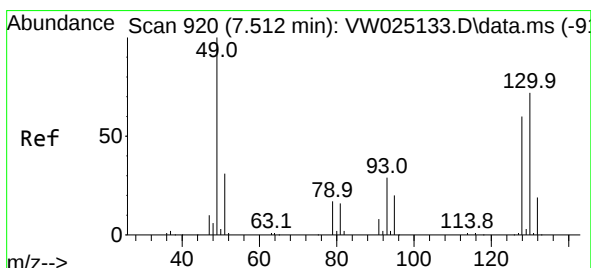
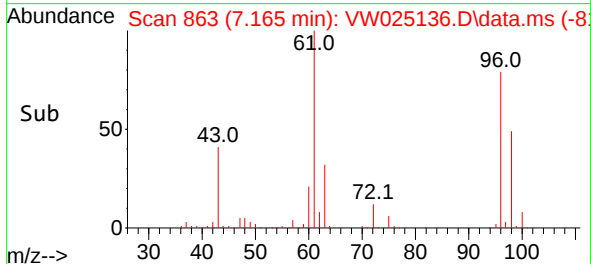
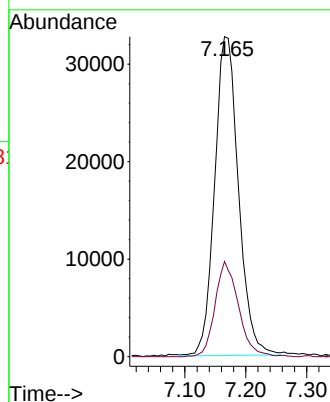
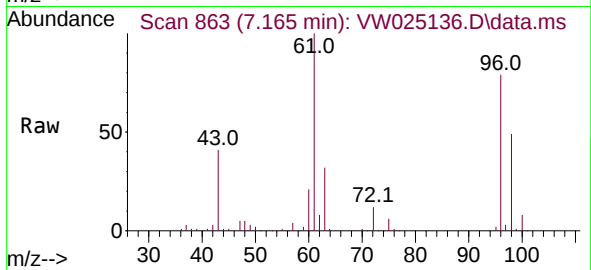




#22
2-Butanone
Concen: 53.646 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

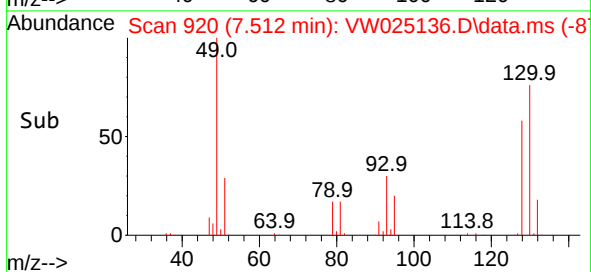
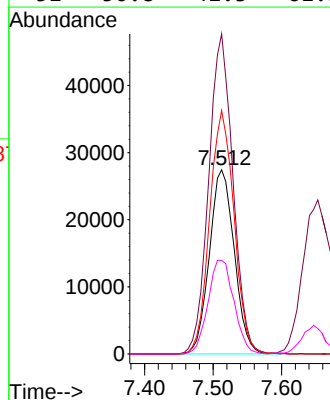
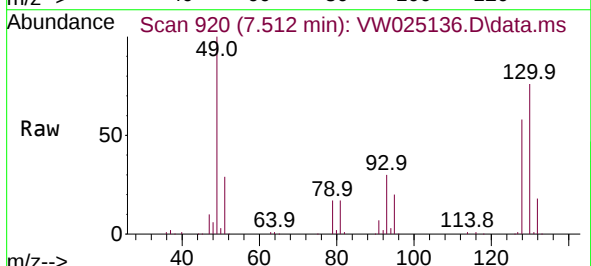
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

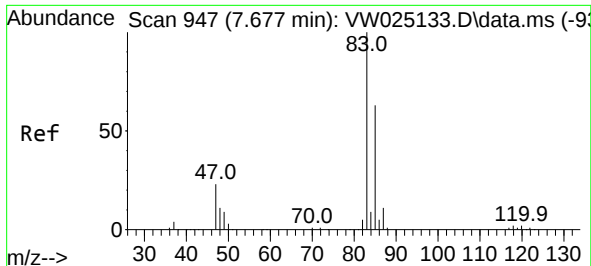
Tgt Ion: 43 Resp: 88862
Ion Ratio Lower Upper
43 100
72 29.2 15.0 45.0



#23
Bromochloromethane
Concen: 26.188 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion: 128 Resp: 69266
Ion Ratio Lower Upper
128 100
49 173.7 114.1 211.9
130 132.1 89.0 165.2
51 50.8 41.3 61.9

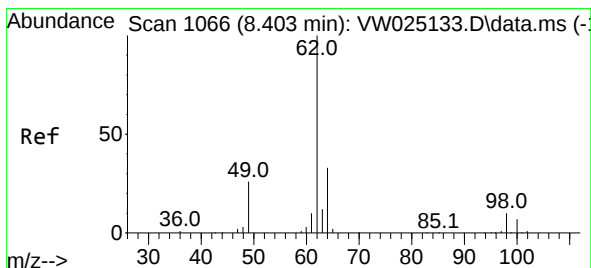
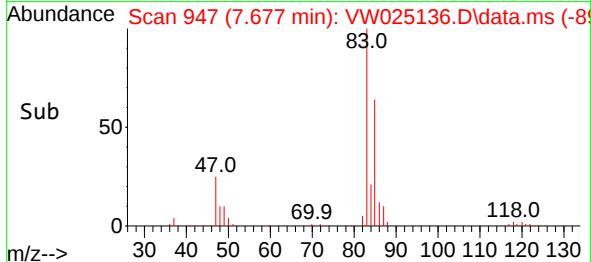
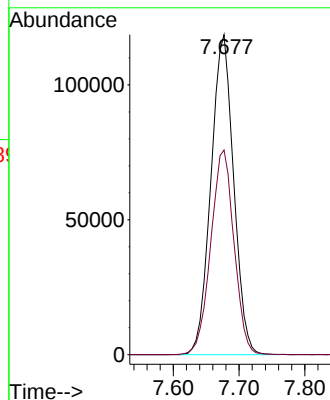
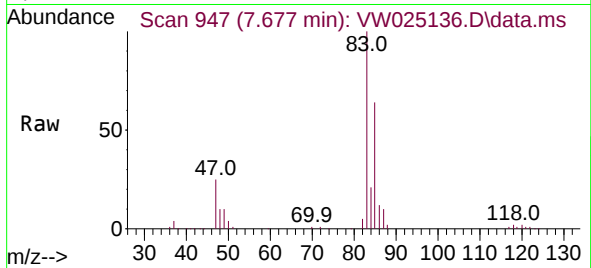




#25
Chloroform
Concen: 26.368 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

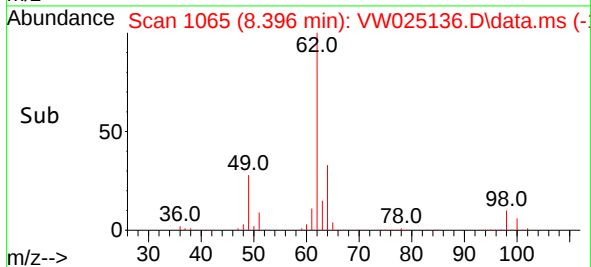
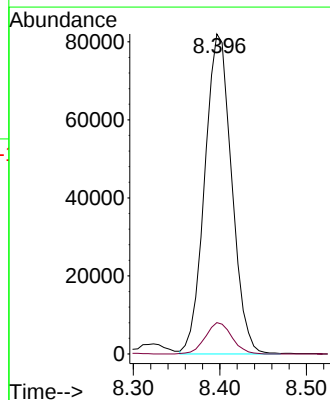
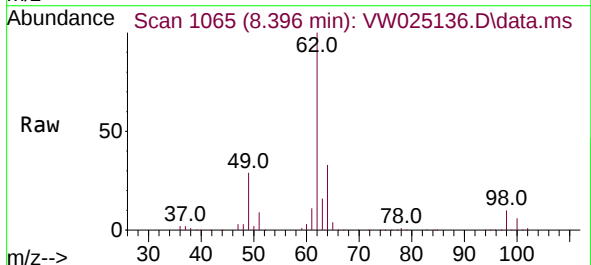
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

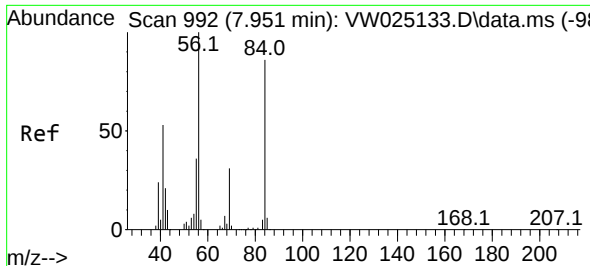
Tgt Ion: 83 Resp: 285004
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 26.043 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion: 62 Resp: 177233
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

Cyclohexane

Concen: 26.420 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

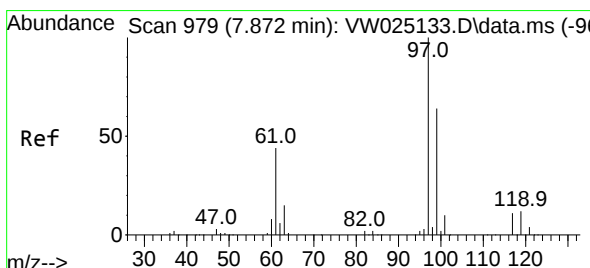
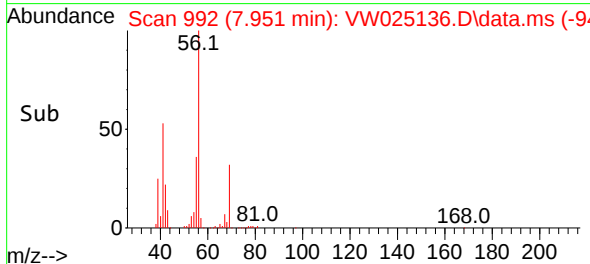
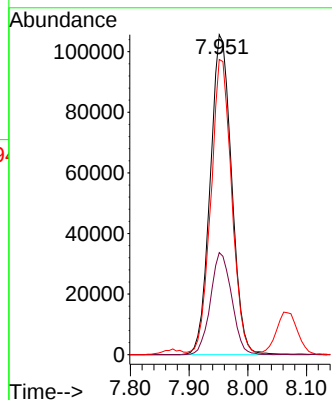
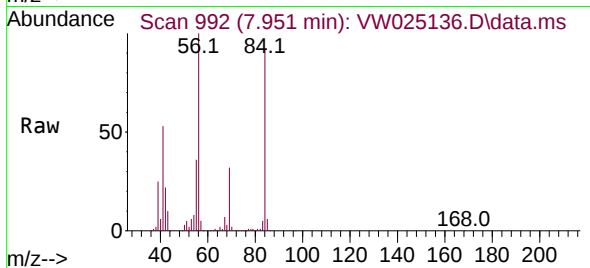
Tgt Ion: 56 Resp: 267381

Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.6

84 89.7 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 25.394 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

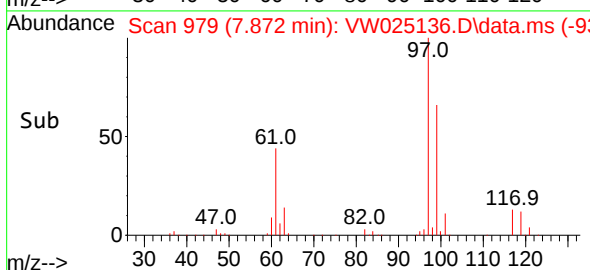
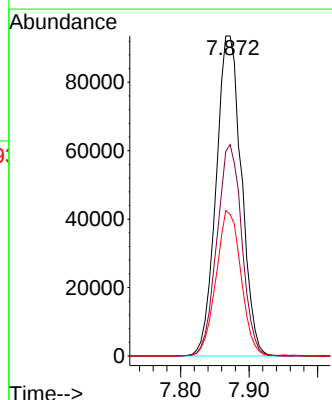
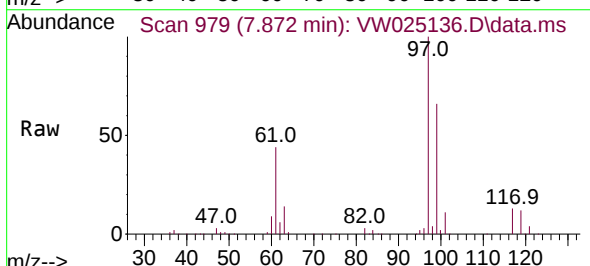
Tgt Ion: 97 Resp: 239586

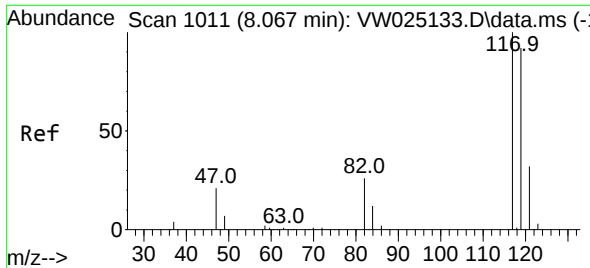
Ion Ratio Lower Upper

97 100

99 65.0 50.9 76.3

61 44.7 35.5 53.3

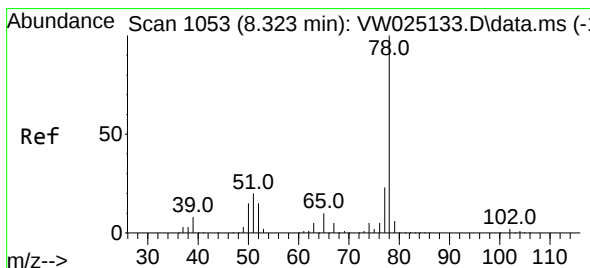
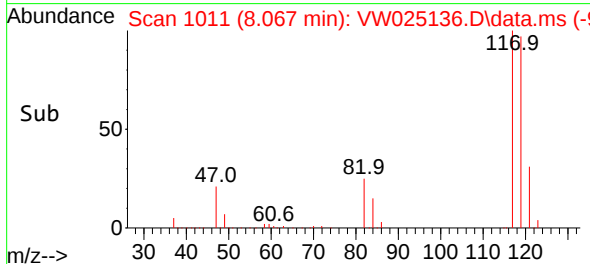
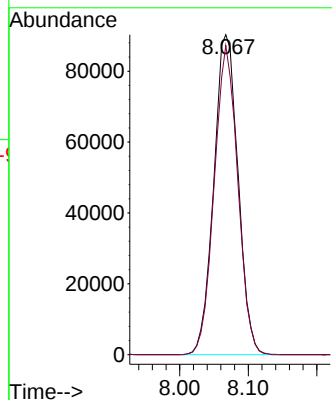
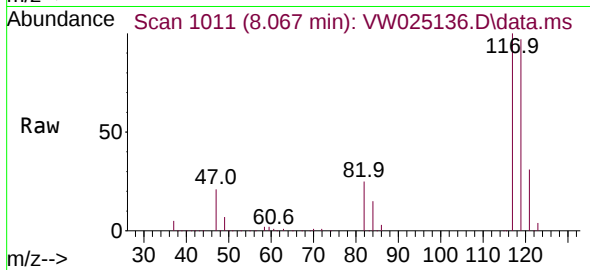




#31
Carbon tetrachloride
Concen: 25.555 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

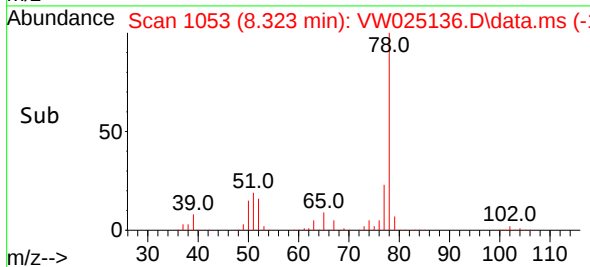
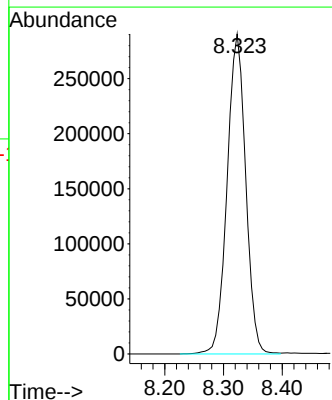
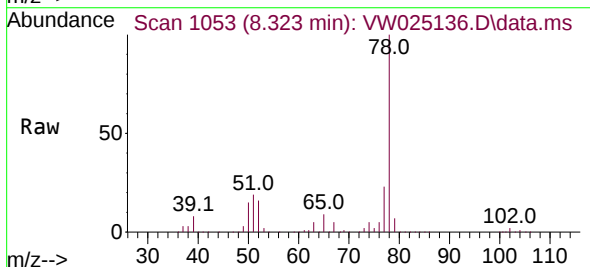
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

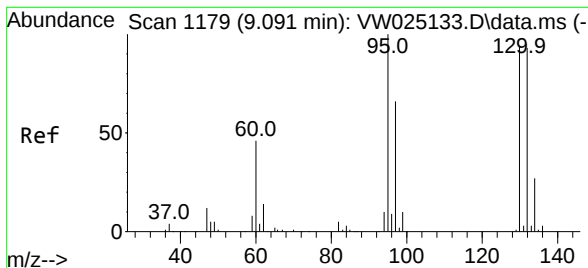
Tgt Ion:117 Resp: 221691
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.4



#33
Benzene
Concen: 25.805 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion: 78 Resp: 638899





#34

Trichloroethene

Concen: 25.590 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

Tgt Ion: 95 Resp: 165963

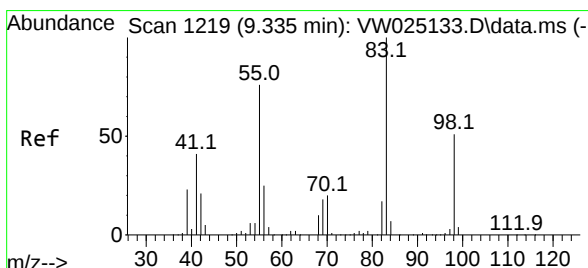
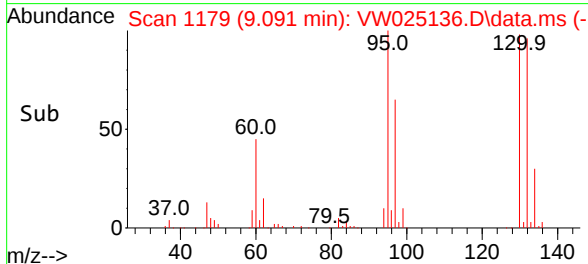
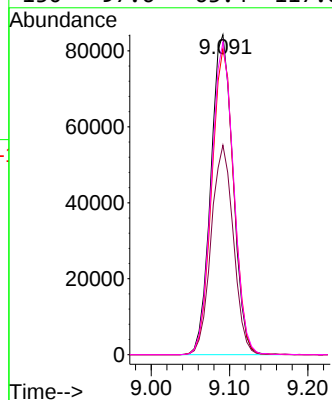
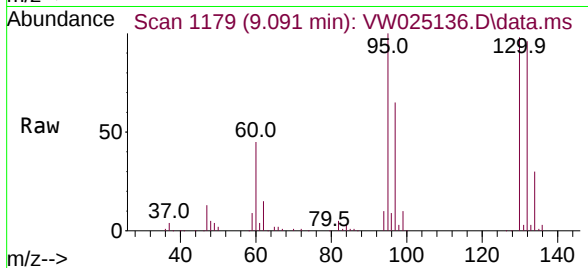
Ion Ratio Lower Upper

95 100

97 65.5 44.3 82.3

132 95.7 63.0 117.0

130 97.6 63.4 117.8



#35

Methylcyclohexane

Concen: 25.563 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

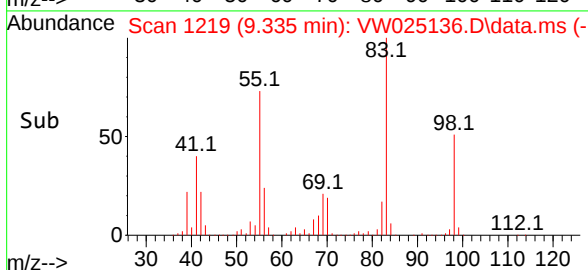
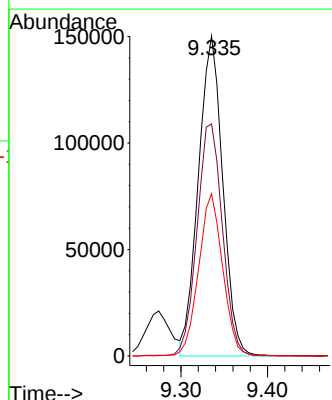
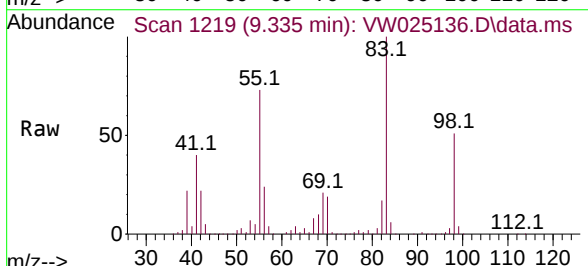
Tgt Ion: 83 Resp: 294060

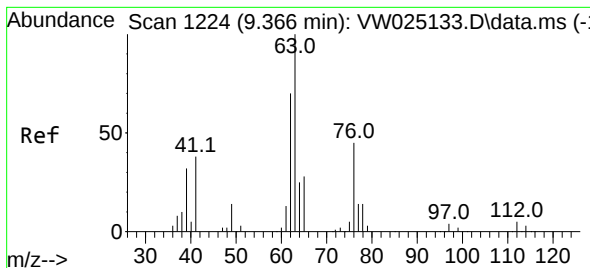
Ion Ratio Lower Upper

83 100

55 75.5 59.3 88.9

98 49.9 38.6 57.8





#37

1,2-Dichloropropane

Concen: 25.676 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

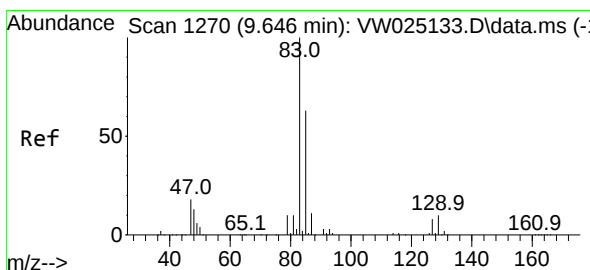
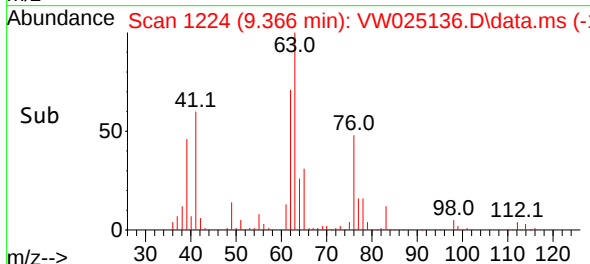
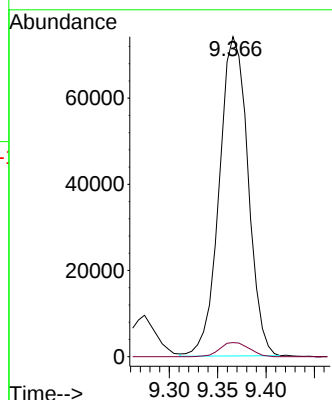
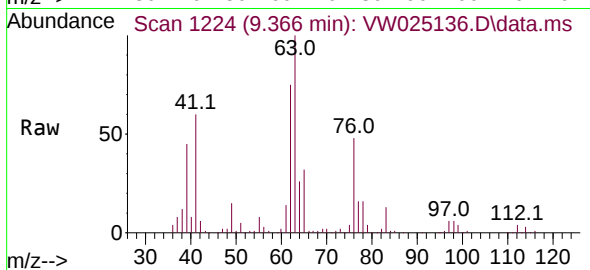
VSTD025509

Tgt Ion: 63 Resp: 153328

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 26.124 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

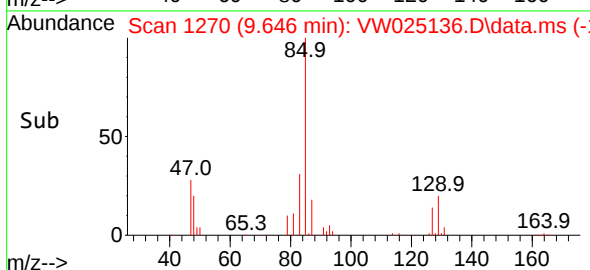
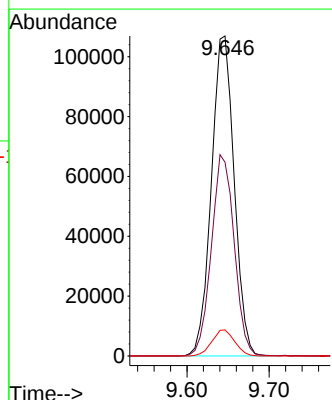
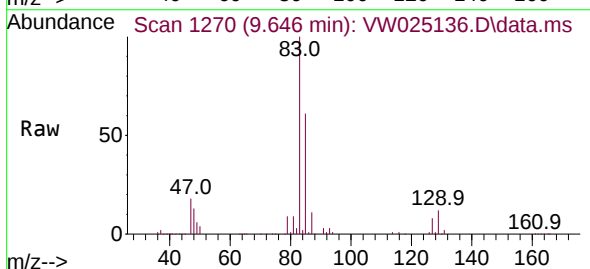
Tgt Ion: 83 Resp: 206091

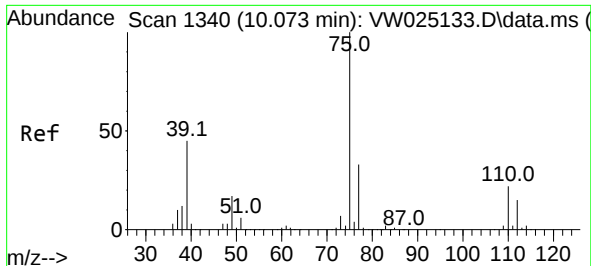
Ion Ratio Lower Upper

83 100

85 60.5 44.2 82.2

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 26.593 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

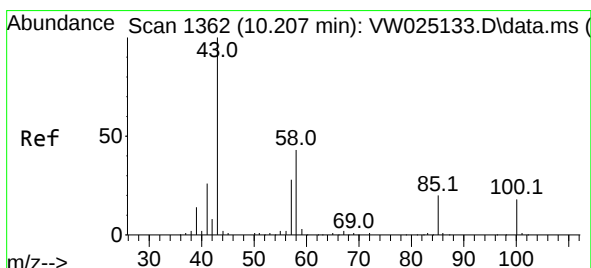
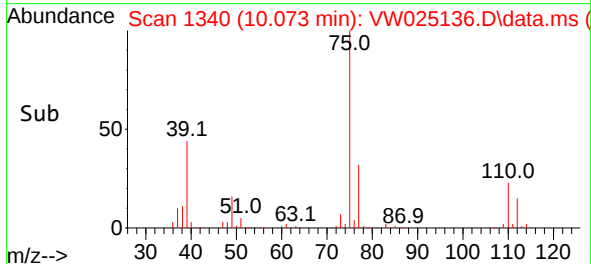
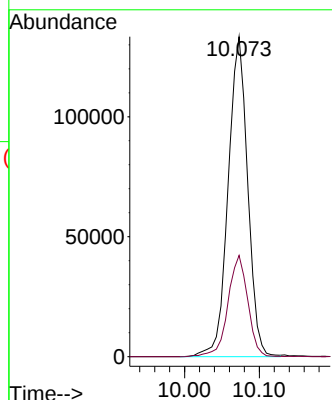
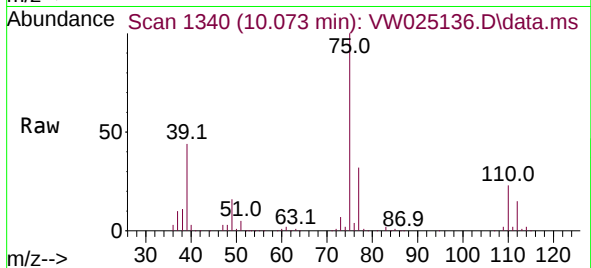
VSTD025509

Tgt Ion: 75 Resp: 242639

Ion Ratio Lower Upper

75 100

77 31.6 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 51.198 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

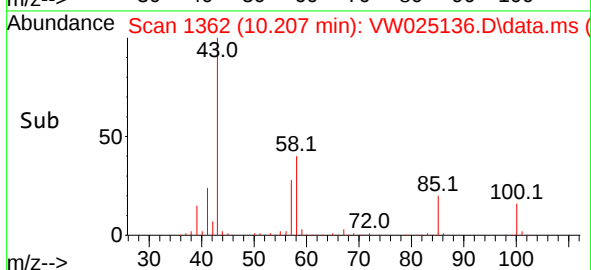
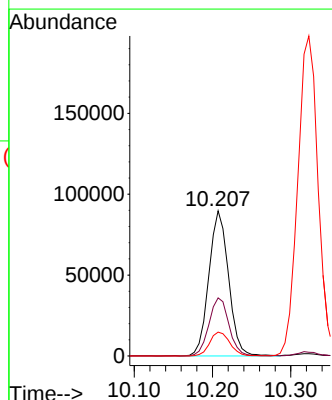
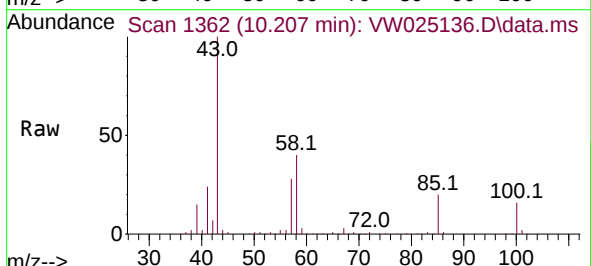
Tgt Ion: 43 Resp: 156728

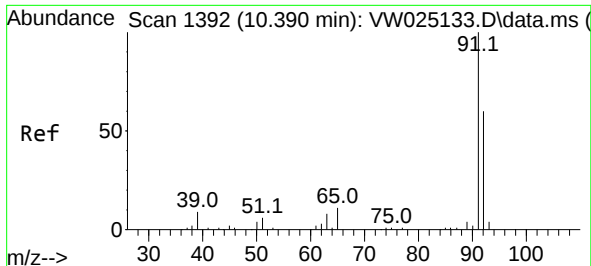
Ion Ratio Lower Upper

43 100

58 40.6 33.3 49.9

100 16.9 13.8 20.6





#42

Toluene

Concen: 26.000 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

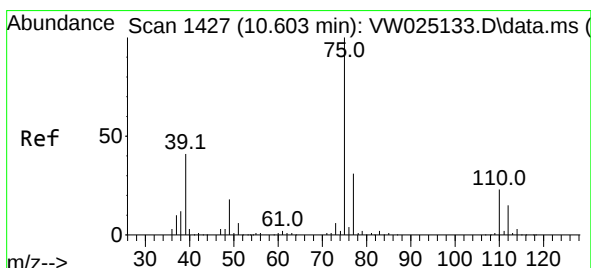
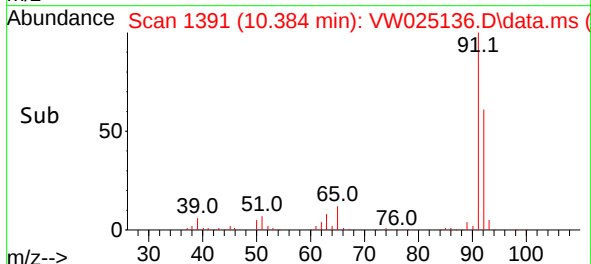
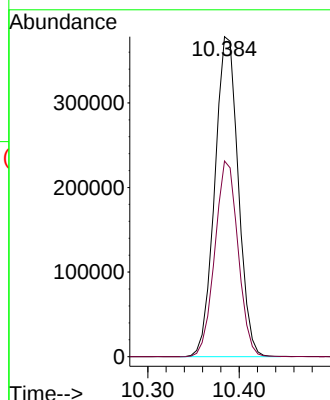
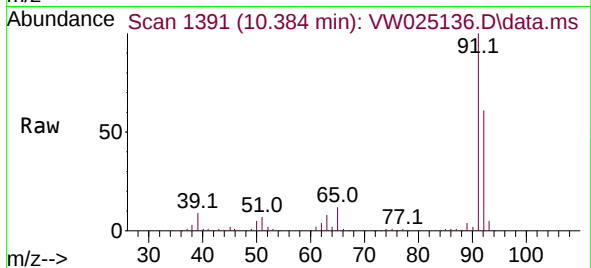
VSTD025509

Tgt Ion: 91 Resp: 674455

Ion Ratio Lower Upper

91 100

92 61.2 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 26.607 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025136.D

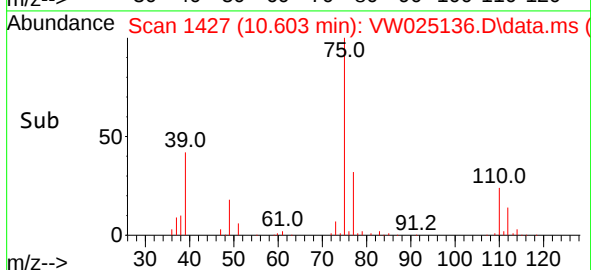
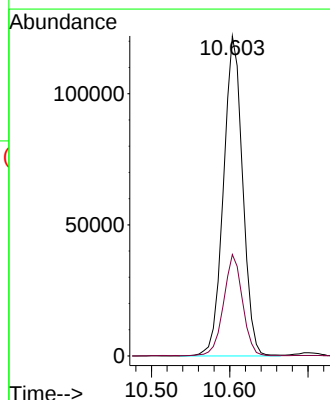
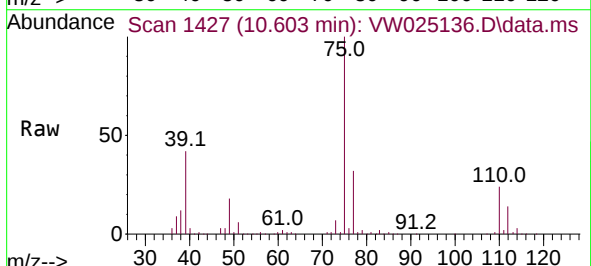
Acq: 12 Dec 2022 14:26

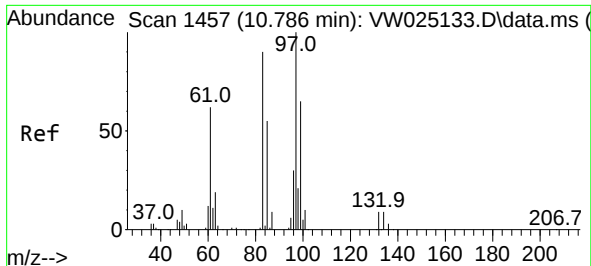
Tgt Ion: 75 Resp: 207912

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7

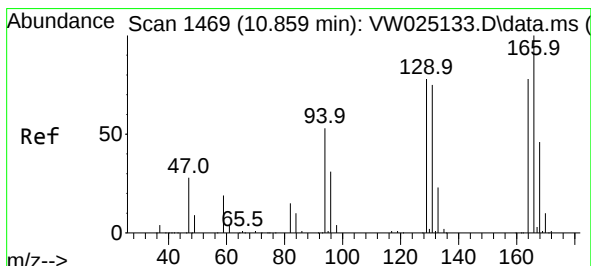
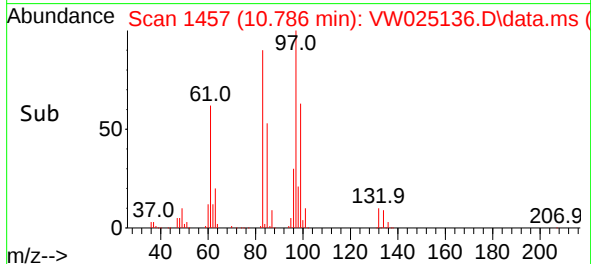
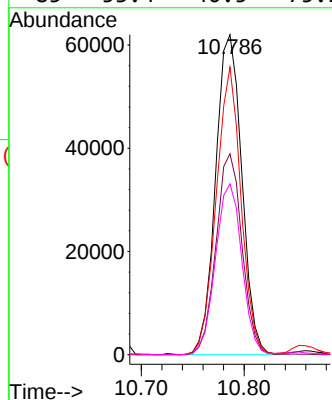
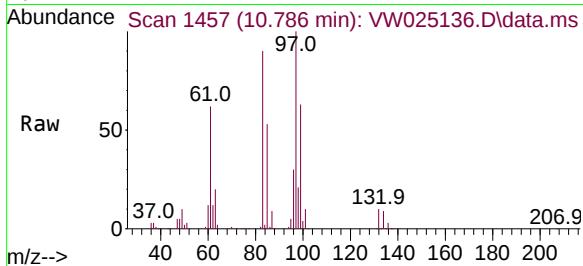




#45
1,1,2-Trichloroethane
Concen: 25.801 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

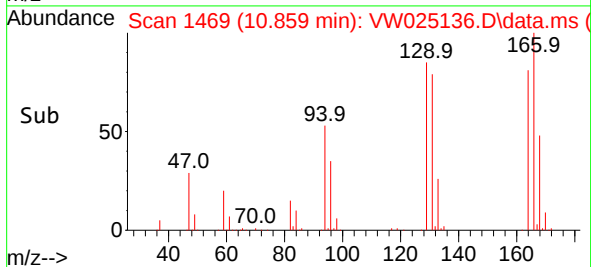
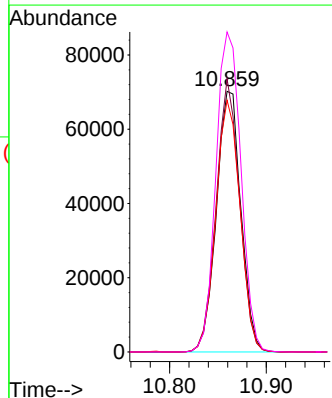
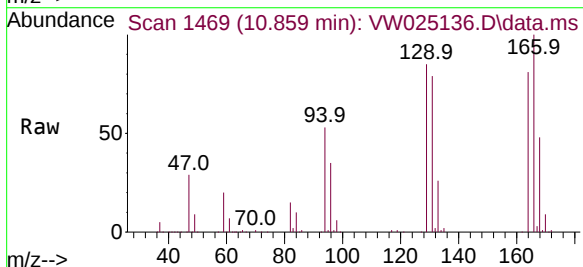
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

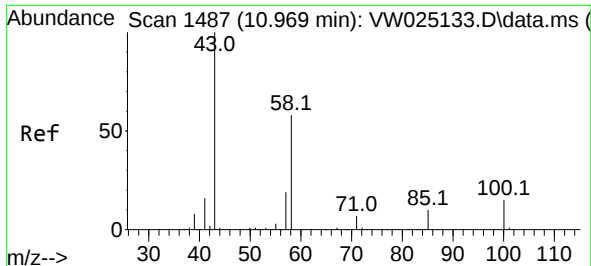
Tgt Ion: 97	Resp: 109952
Ion Ratio	Lower Upper
97 100	
99 62.8	44.3 82.3
83 89.9	61.3 113.9
85 53.4	40.5 75.1



#46
Tetrachloroethene
Concen: 26.204 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt	Ion:164	Resp:	123711
Ion	Ratio	Lower	Upper
164	100		
129	104.7	73.4	136.4
131	96.5	70.8	131.4
166	122.7	88.3	164.1

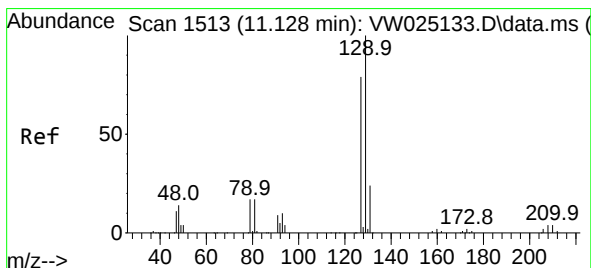
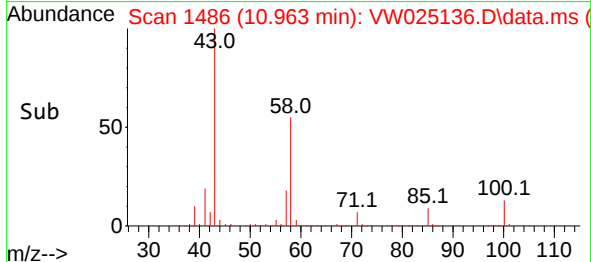
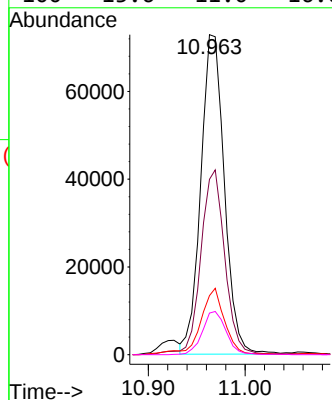
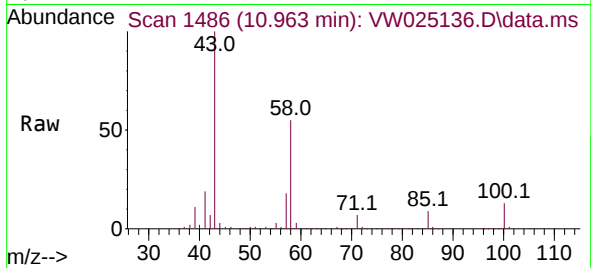




#48
2-Hexanone
Concen: 55.413 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

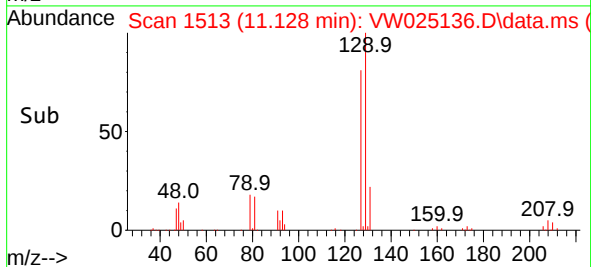
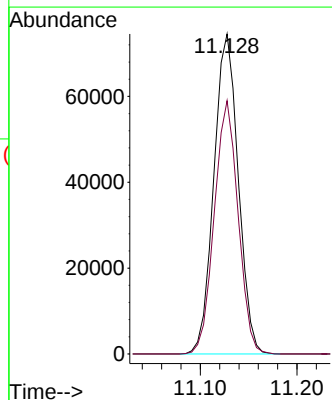
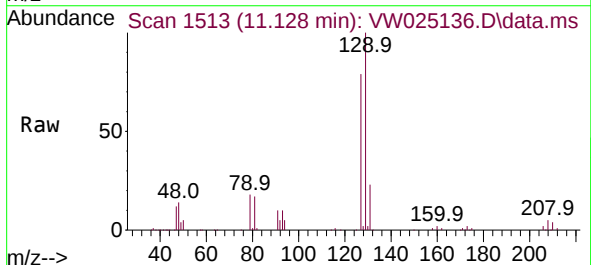
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

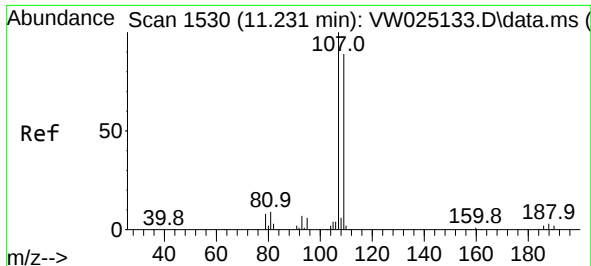
Tgt Ion:	43	Resp:	123900
Ion	Ratio	Lower	Upper
43	100		
58	57.3	46.6	69.8
57	20.2	16.7	25.1
100	13.6	11.0	16.6



#49
Dibromochloromethane
Concen: 25.481 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion:	129	Resp:	130409
Ion	Ratio	Lower	Upper
129	100		
127	79.2	49.7	92.3





#50

1,2-Dibromoethane

Concen: 25.639 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

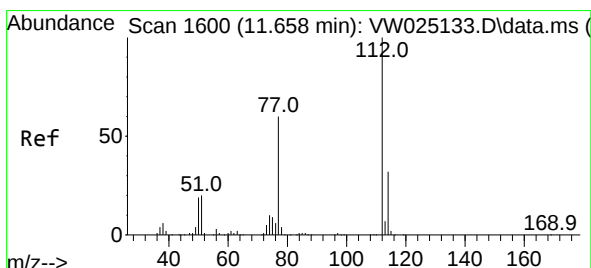
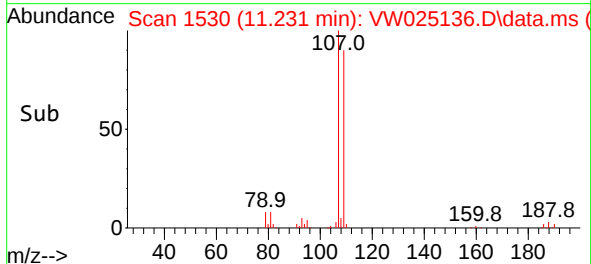
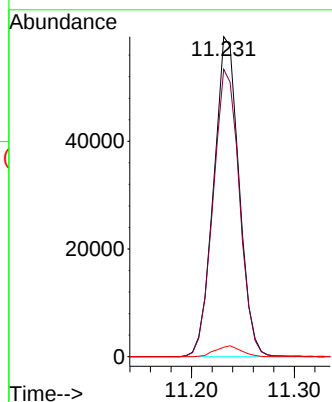
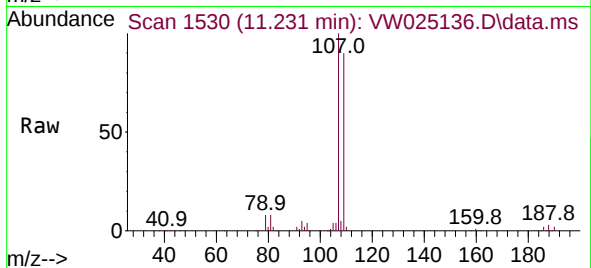
Tgt Ion:107 Resp: 101726

Ion Ratio Lower Upper

107 100

109 89.8 66.8 124.2

188 3.0 2.9 4.3



#51

Chlorobenzene

Concen: 25.455 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

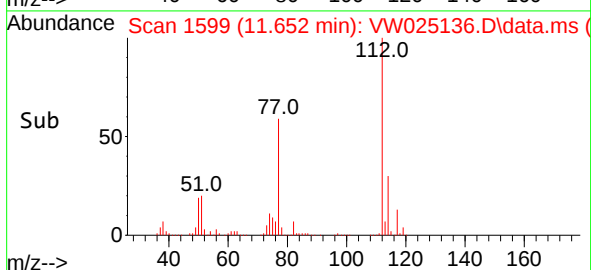
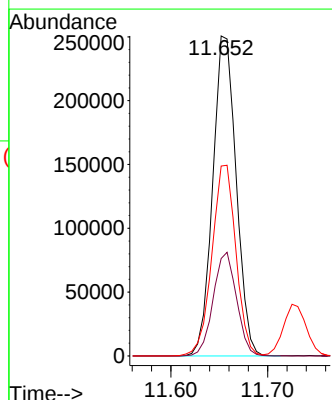
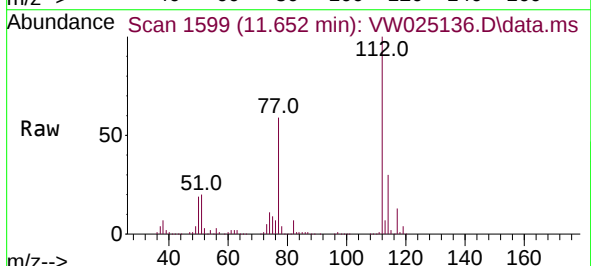
Tgt Ion:112 Resp: 422591

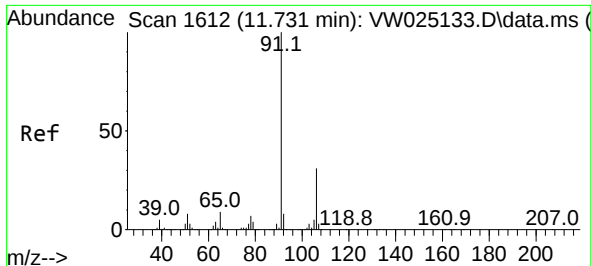
Ion Ratio Lower Upper

112 100

114 30.5 23.2 43.2

77 59.3 47.2 70.8

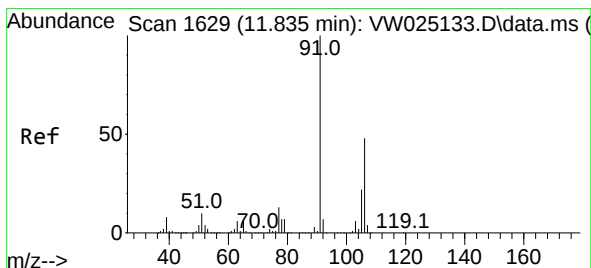
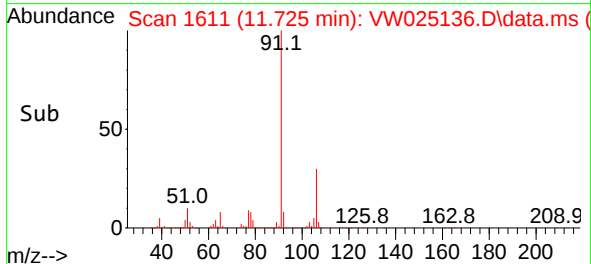
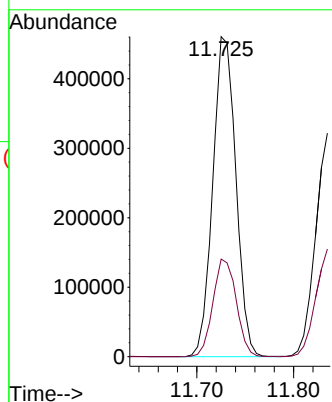
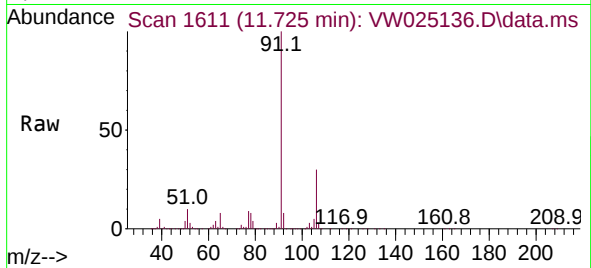




#52
Ethylbenzene
Concen: 26.000 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

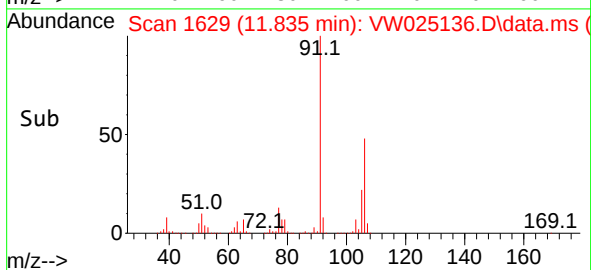
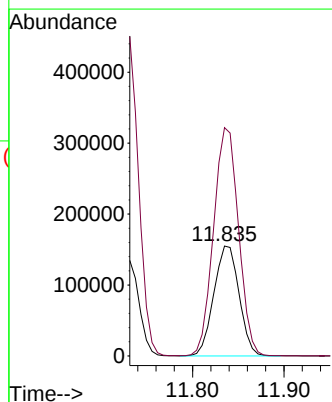
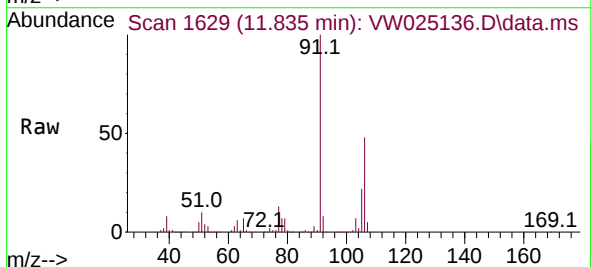
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

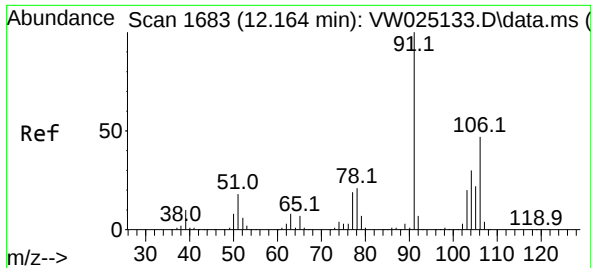
Tgt Ion: 91 Resp: 764342
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 26.507 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion:106 Resp: 297590
Ion Ratio Lower Upper
106 100
91 207.7 139.7 259.4

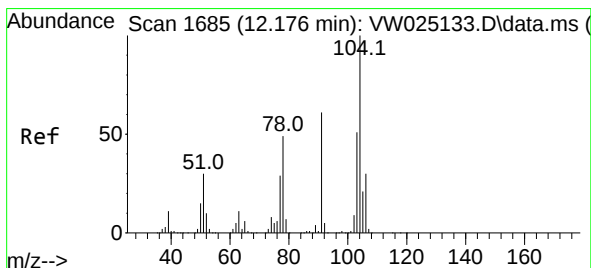
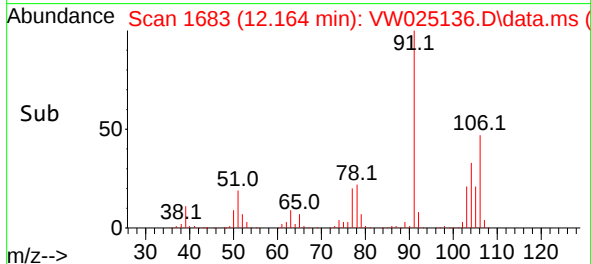
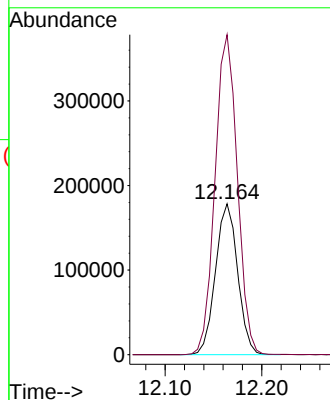
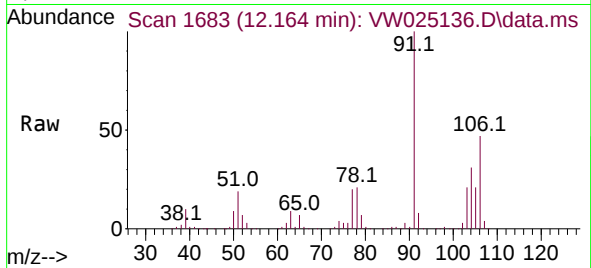




#54
o-Xylene
Concen: 26.520 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

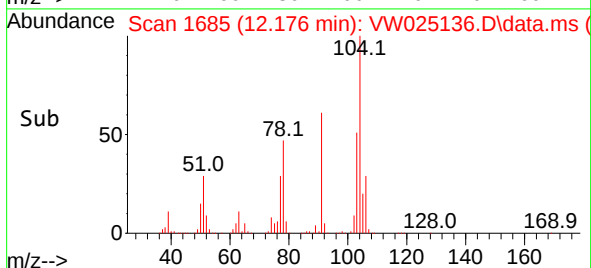
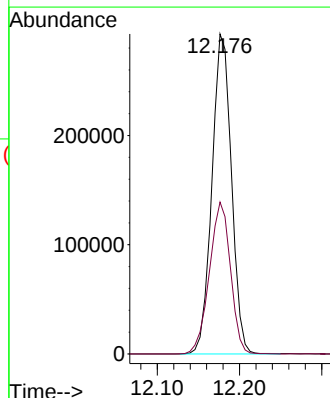
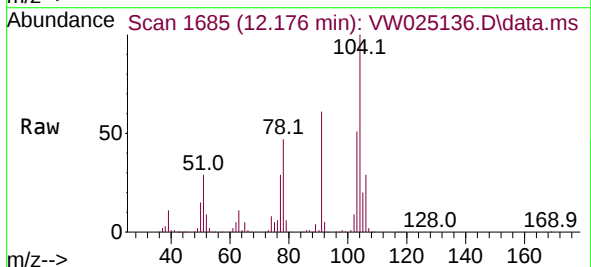
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

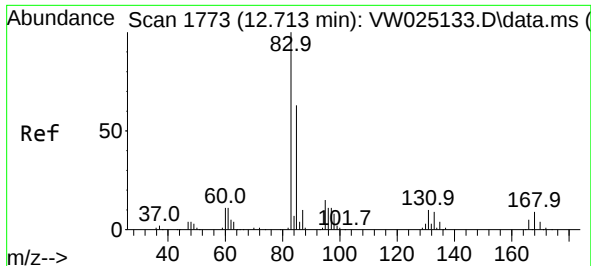
Tgt Ion:106 Resp: 283753
Ion Ratio Lower Upper
106 100
91 212.1 148.8 276.4



#55
Styrene
Concen: 26.617 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion:104 Resp: 482287
Ion Ratio Lower Upper
104 100
78 47.4 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.128 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

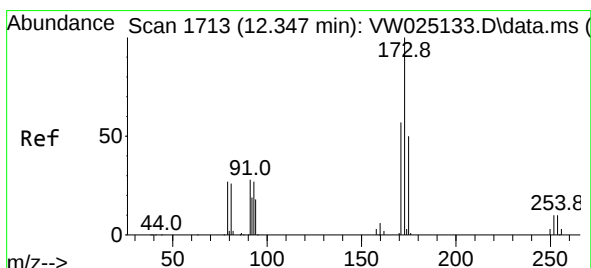
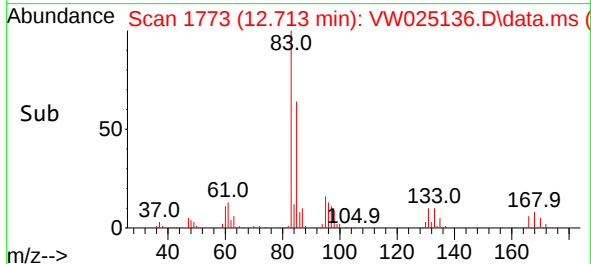
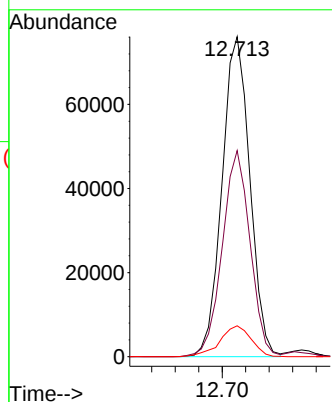
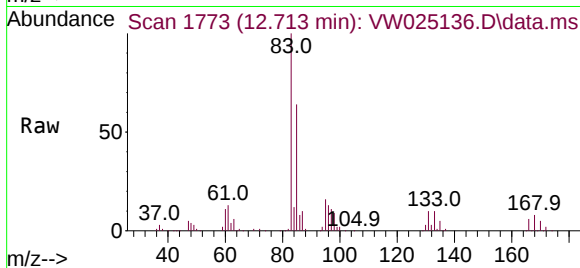
Tgt Ion: 83 Resp: 125228

Ion Ratio Lower Upper

83 100

85 64.4 46.8 87.0

131 9.7 8.2 12.2



#59

Bromoform

Concen: 24.561 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

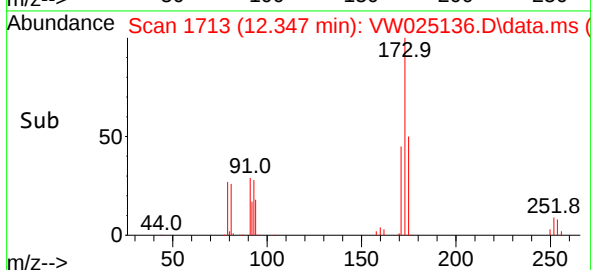
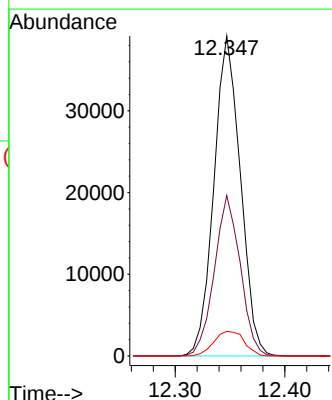
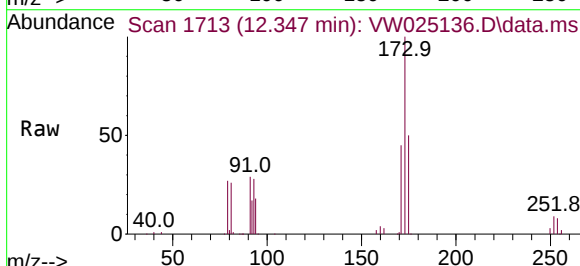
Tgt Ion:173 Resp: 65690

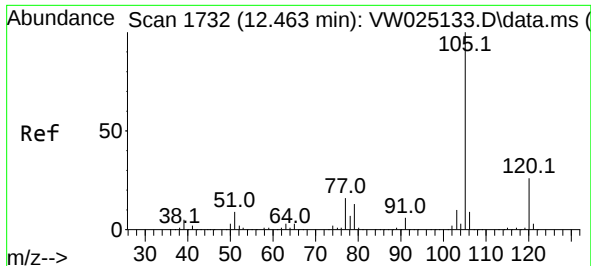
Ion Ratio Lower Upper

173 100

175 49.1 37.4 56.0

254 8.9 6.8 10.2

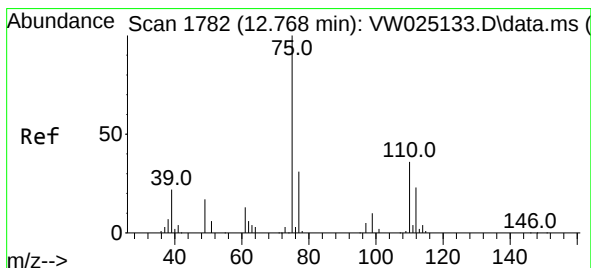
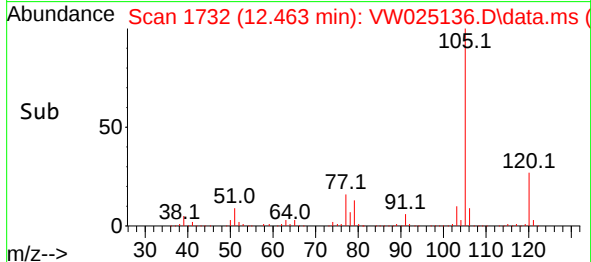
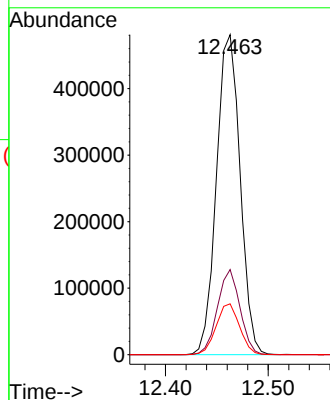
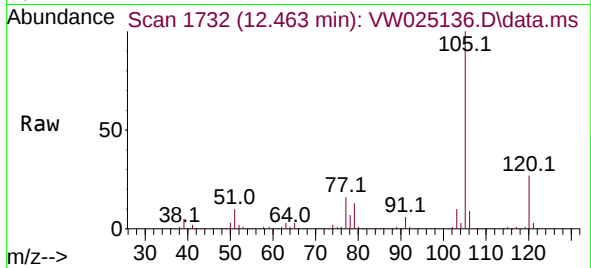




#60
Isopropylbenzene
Concen: 25.775 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

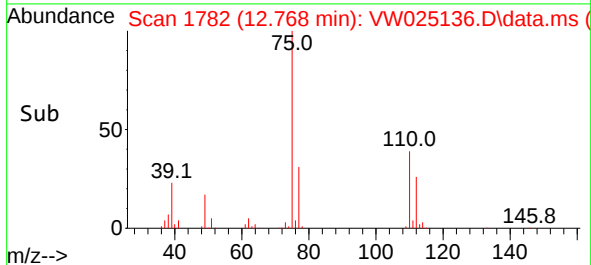
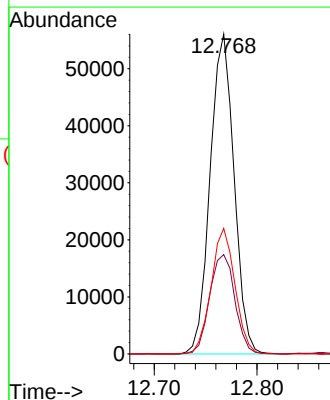
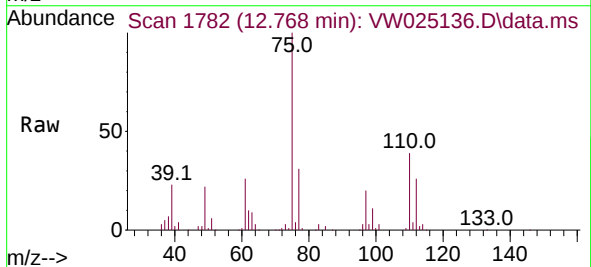
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

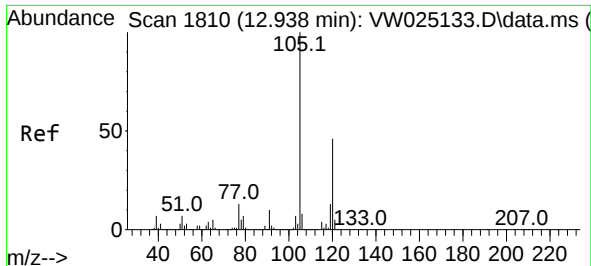
Tgt Ion:105 Resp: 769462
Ion Ratio Lower Upper
105 100
120 25.3 20.6 31.0
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.238 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion: 75 Resp: 90736
Ion Ratio Lower Upper
75 100
77 32.8 26.6 40.0
110 39.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 26.610 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

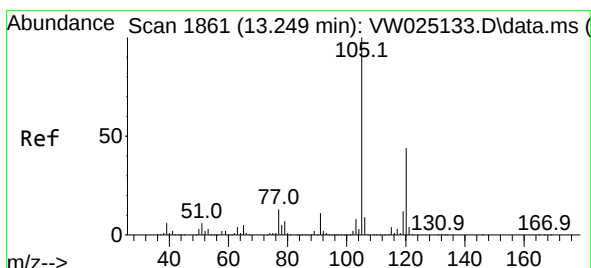
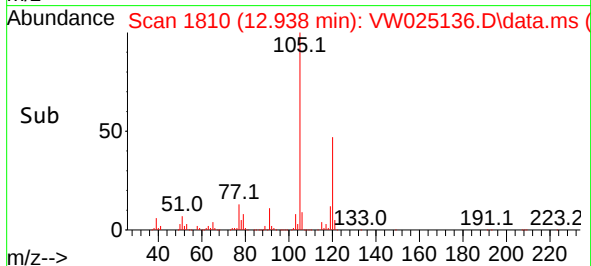
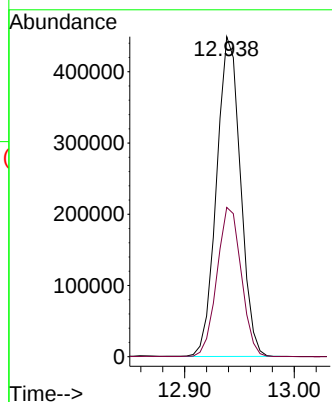
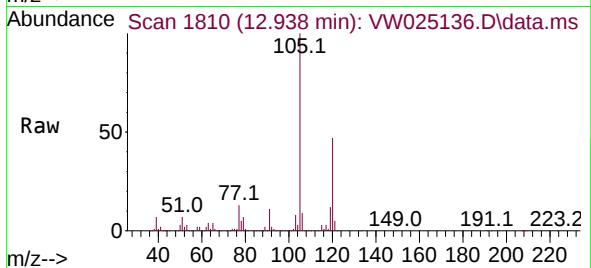
VSTD025509

Tgt Ion:105 Resp: 680453

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 26.524 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW025136.D

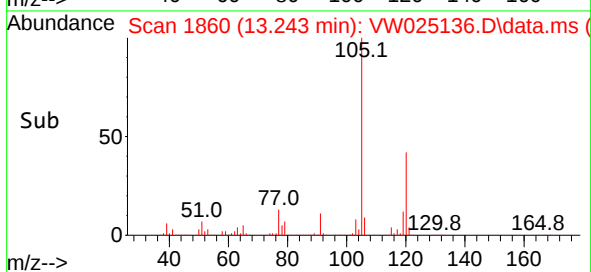
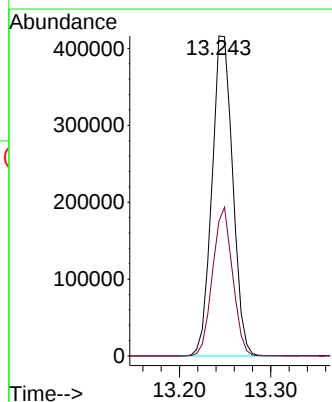
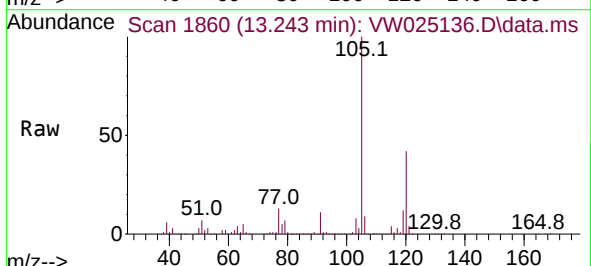
Acq: 12 Dec 2022 14:26

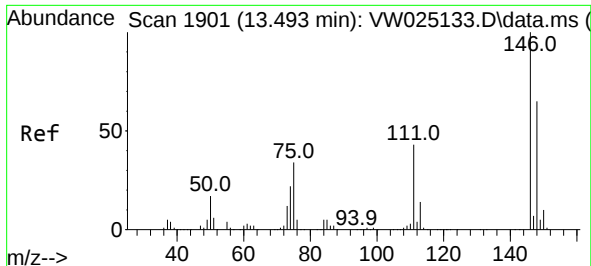
Tgt Ion:105 Resp: 658936

Ion Ratio Lower Upper

105 100

120 44.8 36.1 54.1

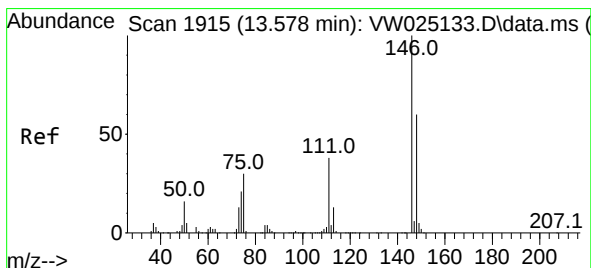
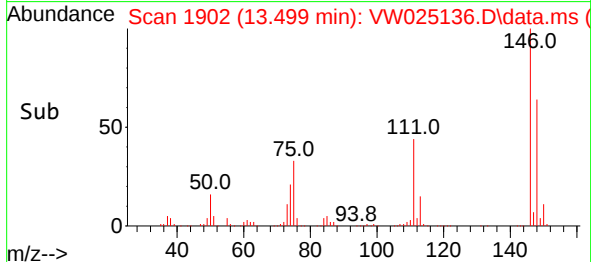
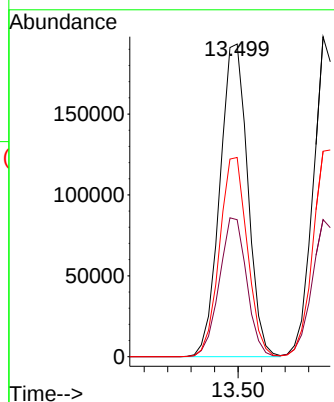
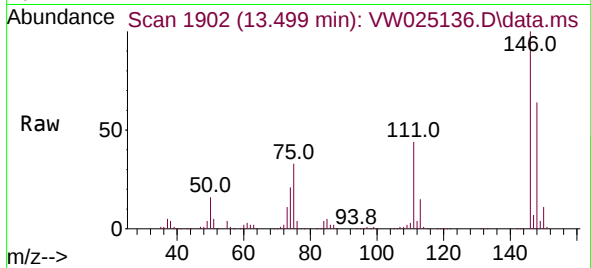




#64
1,3-Dichlorobenzene
Concen: 26.056 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

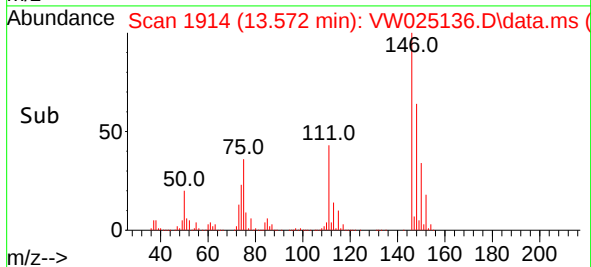
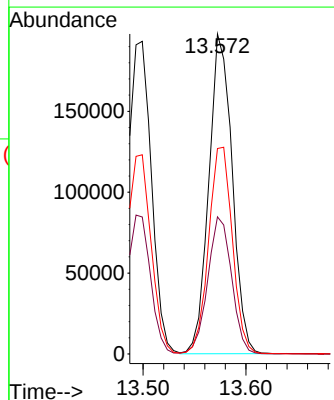
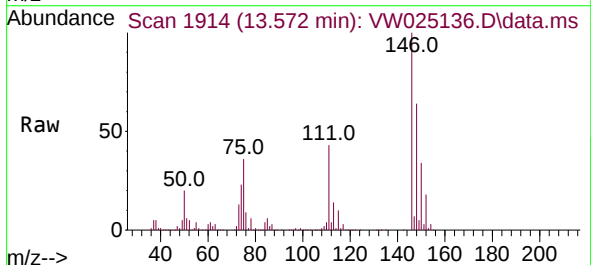
Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

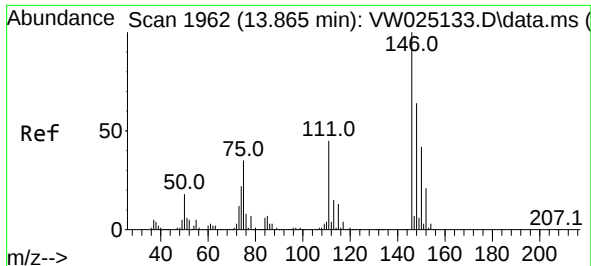
Tgt Ion:146 Resp: 318448
Ion Ratio Lower Upper
146 100
111 43.8 30.2 56.0
148 63.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 25.327 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion:146 Resp: 311725
Ion Ratio Lower Upper
146 100
111 42.9 27.4 51.0
148 64.2 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 26.802 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025509

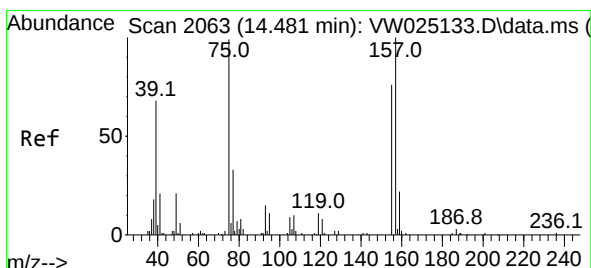
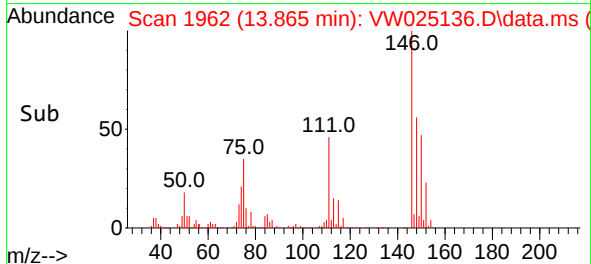
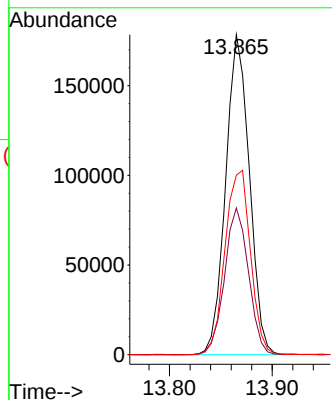
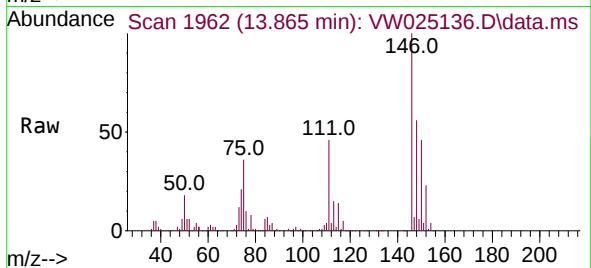
Tgt Ion:146 Resp: 285671

Ion Ratio Lower Upper

146 100

111 45.9 34.3 51.5

148 56.1 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.747 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025136.D

Acq: 12 Dec 2022 14:26

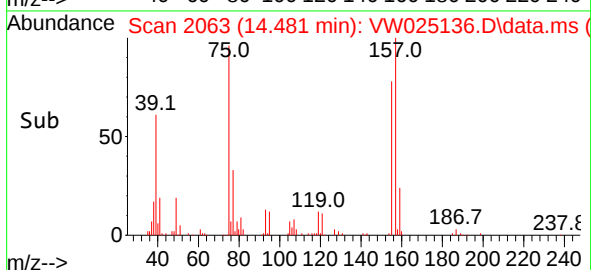
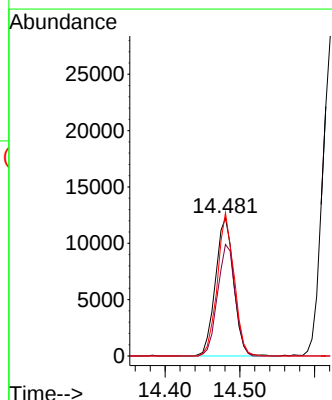
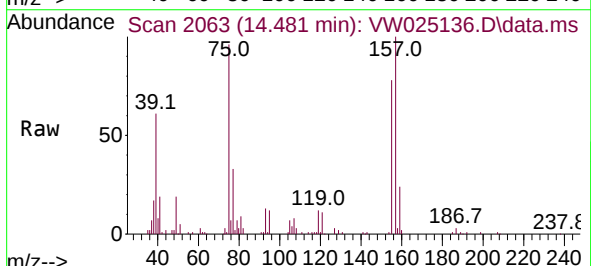
Tgt Ion: 75 Resp: 20727

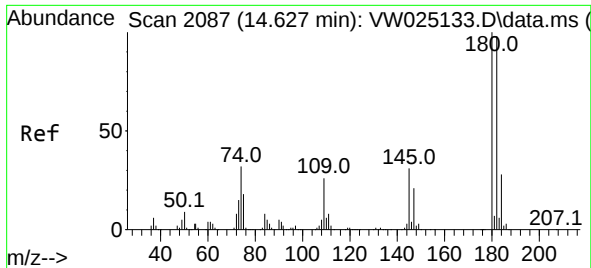
Ion Ratio Lower Upper

75 100

155 80.9 60.3 90.5

157 103.8 84.9 127.3

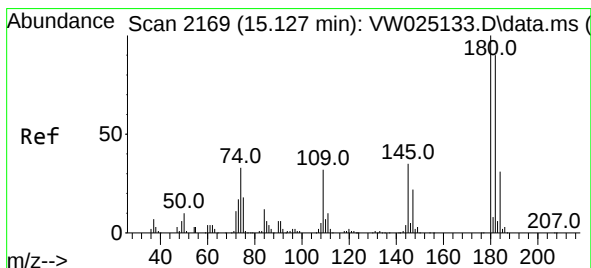
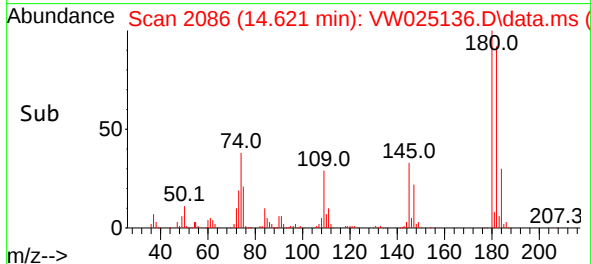
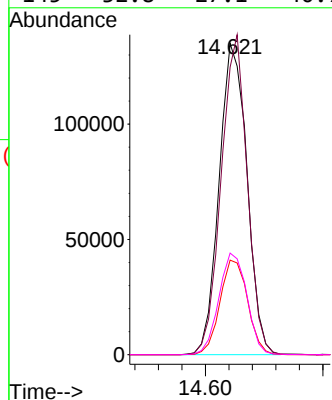
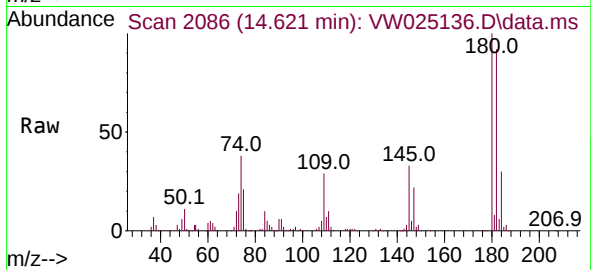




#69
 1,3,5-Trichlorobenzene
 Concen: 25.629 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW025136.D
 Acq: 12 Dec 2022 14:26

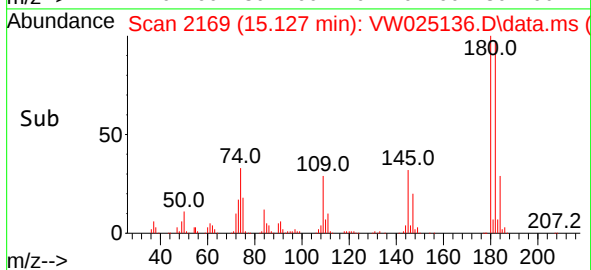
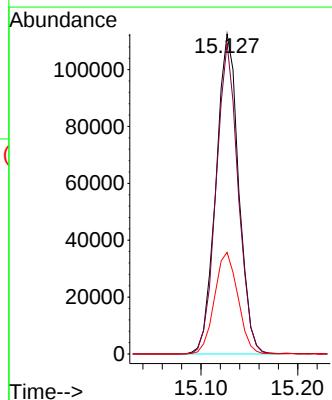
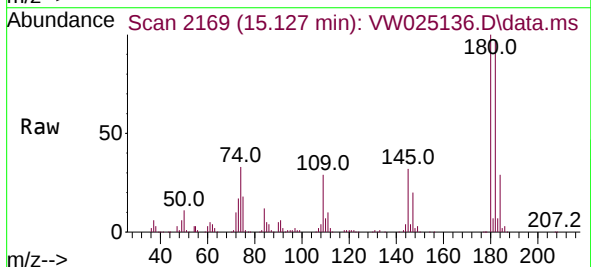
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025509

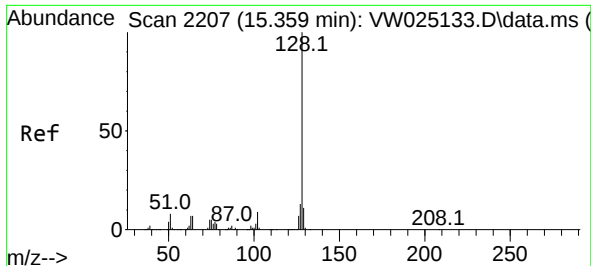
Tgt Ion:180 Resp: 222409
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.8 116.6
 184 30.2 24.3 36.5
 145 32.8 27.1 40.7



#70
 1,2,4-trichlorobenzene
 Concen: 26.297 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025136.D
 Acq: 12 Dec 2022 14:26

Tgt Ion:180 Resp: 183104
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.2 115.8
 145 32.7 26.9 40.3

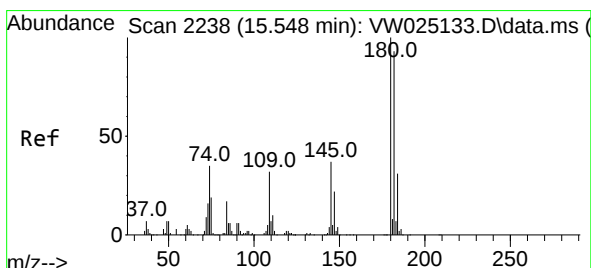
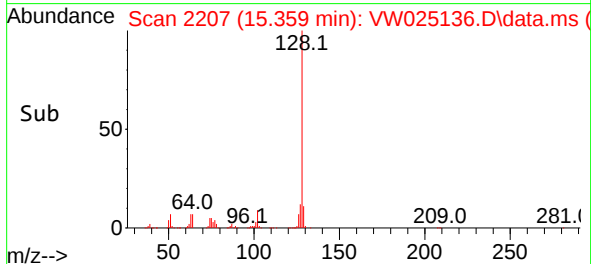
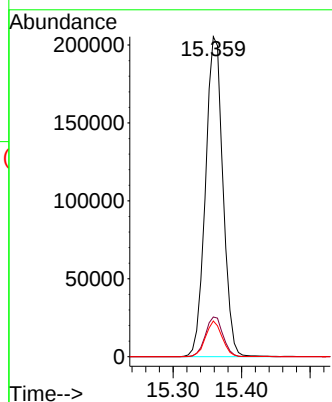
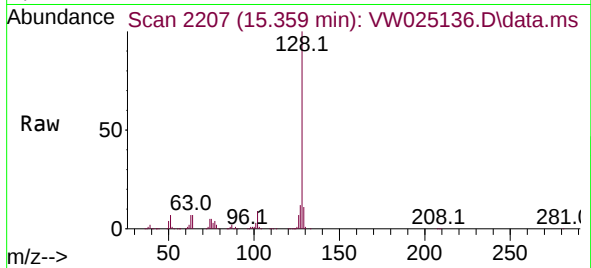




#71
Naphthalene
Concen: 26.678 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD025509

Tgt Ion:128 Resp: 364160
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.6 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.342 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025136.D
Acq: 12 Dec 2022 14:26

Tgt Ion:180 Resp: 154638
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 36.7 29.6 44.4

