

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027291.D
 Acq On : 11 Oct 2023 16:53
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 12 01:21:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 01:13:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	490196	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	446177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	226503	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	192974	25.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.160%	
7) Chloroethane-d5	2.899	69	146059	27.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.760%	
11) 1,1-Dichloroethene-d2	4.021	65	94822	25.295	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.200%	
21) 2-Butanone-d5	7.075	46	145080	58.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 116.700%	
24) Chloroform-d	7.648	84	384616	26.325	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.320%	
26) 1,2-Dichloroethane-d4	8.307	65	220563	28.103	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.400%	
32) Benzene-d6	8.276	84	797573	26.421	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.680%	
36) 1,2-Dichloropropane-d6	9.270	67	245777	26.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.640%	
41) Toluene-d8	10.325	98	713279	26.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.240%	
43) trans-1,3-Dichloroprop...	10.575	79	116717	27.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 111.040%	
47) 2-Hexanone-d5	10.922	63	118195	61.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.920%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	199819	29.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 116.200%	
66) 1,2-Dichlorobenzene-d4	13.849	152	214270	26.105	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	131378	22.525	ug/L #	88
3) Chloromethane	2.229	50	163690	24.421	ug/L	98
5) Vinyl chloride	2.375	62	179302	23.948	ug/L	98
6) Bromomethane	2.790	94	104009	24.389	ug/L	97
8) Chloroethane	2.930	64	107115	24.854	ug/L	100
9) Trichlorofluoromethane	3.265	101	129926	24.597	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	149357	22.581	ug/L #	80
12) 1,1-Dichloroethene	4.045	96	154266	23.999	ug/L	97
13) Acetone	4.125	43	132042	61.482	ug/L	98
14) Carbon disulfide	4.393	76	466716	23.421	ug/L	99
15) Methyl Acetate	4.673	43	106136	28.935	ug/L	99
16) Methylene chloride	4.917	84	191570	21.350	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	167304	24.218	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	320756	26.912	ug/L	99
19) 1,1-Dichloroethane	6.222	63	349795	24.818	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	193828	24.845	ug/L	96
22) 2-Butanone	7.167	43	169649	52.774	ug/L	100
23) Bromochloromethane	7.520	128	80701	25.055	ug/L	94
25) Chloroform	7.679	83	334293	25.342	ug/L	99

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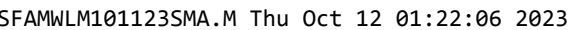
Instrument :
 MSVOA_W
 ClientSampleId :

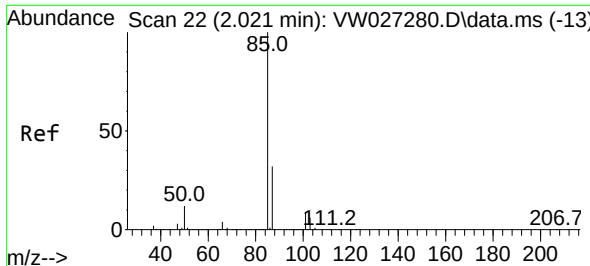
Quant Time: Oct 12 01:21:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 01:13:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	240457	26.834	ug/L	100
29) Cyclohexane	7.959	56	321847	23.758	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	274739	25.243	ug/L	100
31) Carbon tetrachloride	8.069	117	243580	24.820	ug/L	97
33) Benzene	8.325	78	721915	24.758	ug/L	100
34) Trichloroethene	9.093	95	190180	24.691	ug/L	97
35) Methylcyclohexane	9.331	83	325395	23.624	ug/L	98
37) 1,2-Dichloropropane	9.368	63	200397	25.417	ug/L	100
38) Bromodichloromethane	9.642	83	253136	26.110	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	332810	25.554	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	312505	57.635	ug/L	100
42) Toluene	10.386	91	764803	25.002	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	284754	25.912	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	145118	26.747	ug/L	97
46) Tetrachloroethene	10.861	164	129669	24.381	ug/L	95
48) 2-Hexanone	10.965	43	235055	58.571	ug/L	100
49) Dibromochloromethane	11.130	129	157739	26.179	ug/L	96
50) 1,2-Dibromoethane	11.233	107	137978	26.230	ug/L	97
51) Chlorobenzene	11.660	112	477475	24.927	ug/L	97
52) Ethylbenzene	11.727	91	893622	25.140	ug/L	97
53) m,p-Xylene	11.837	106	329989	24.476	ug/L	99
54) o-Xylene	12.160	106	319209	24.724	ug/L	95
55) Styrene	12.178	104	554949	25.168	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	185175	27.959	ug/L	98
59) Bromoform	12.349	173	90486	26.847	ug/L	97
60) Isopropylbenzene	12.459	105	870334	24.460	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	140347	28.378	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	733604	24.717	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	724096	24.934	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	357305	24.763	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	358888	24.906	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	323280	25.249	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	33891	27.419	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	239224	25.539	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	196611	24.661	ug/L	98
71) Naphthalene	15.360	128	431134	26.297	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	171360	26.139	ug/L	90

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

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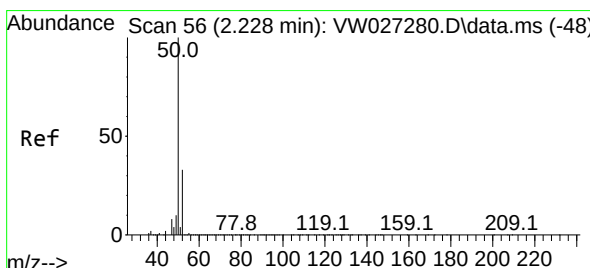
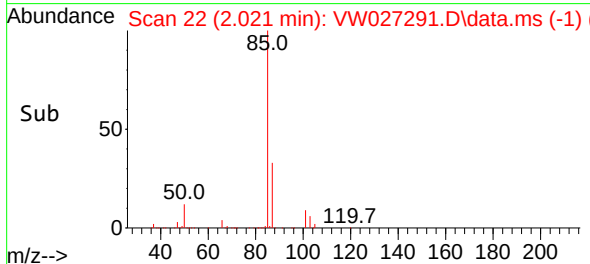
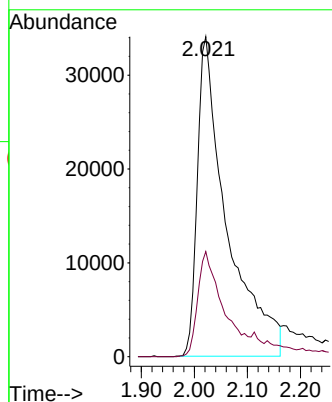
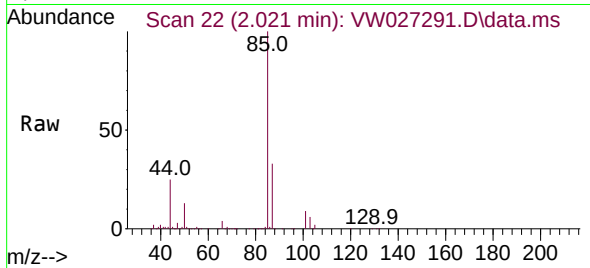




#2
 Dichlorodifluoromethane
 Concen: 22.525 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027291.D
 Acq: 11 Oct 2023 16:53

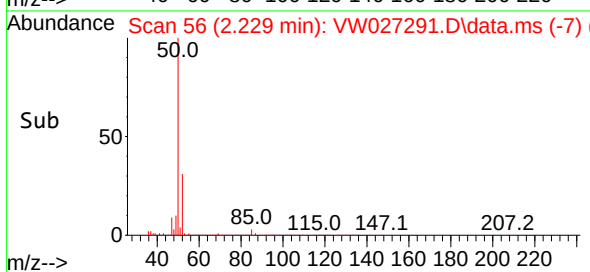
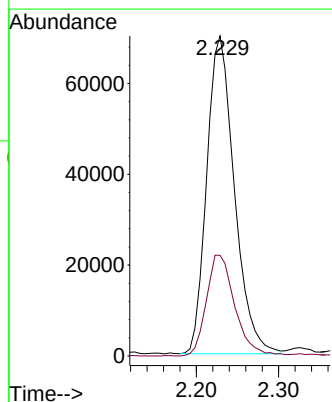
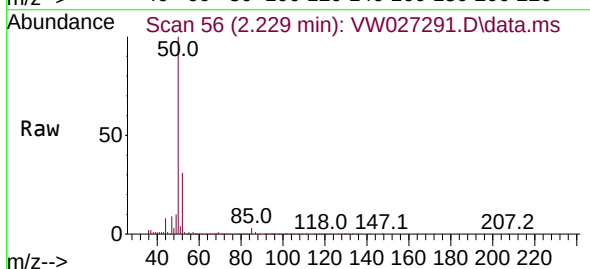
Instrument :
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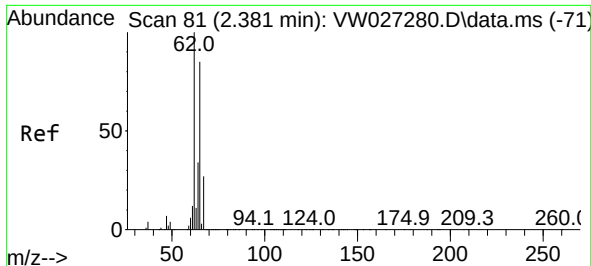
Tgt Ion: 85 Resp: 131378
 Ion Ratio Lower Upper
 85 100
 87 28.8 18.3 27.5#



#3
 Chloromethane
 Concen: 24.421 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW027291.D
 Acq: 11 Oct 2023 16:53

Tgt Ion: 50 Resp: 163690
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.7 42.3

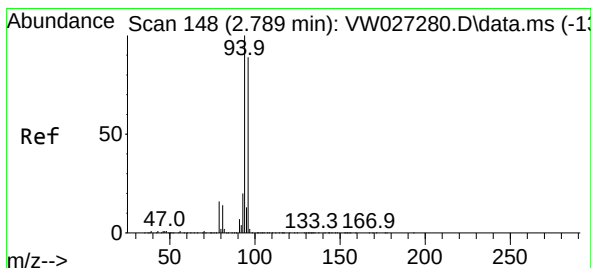
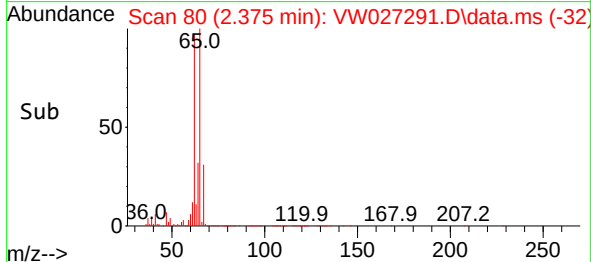
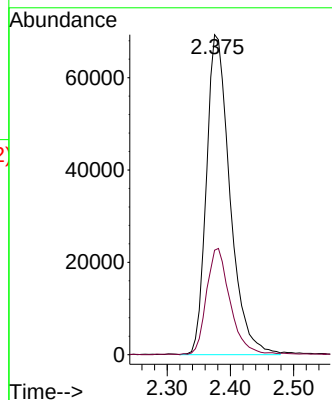
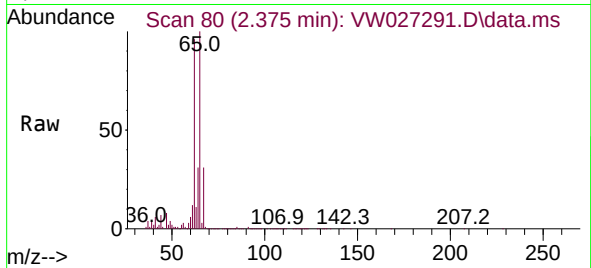




#5
 Vinyl chloride
 Concen: 23.948 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027291.D
 Acq: 11 Oct 2023 16:53

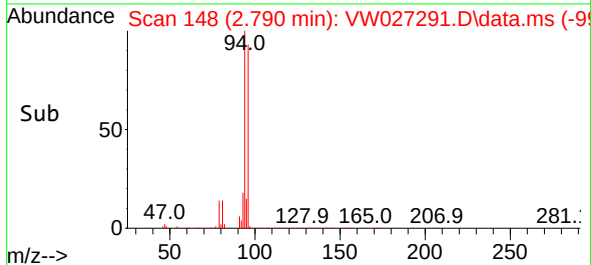
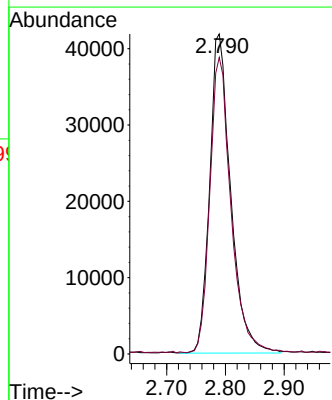
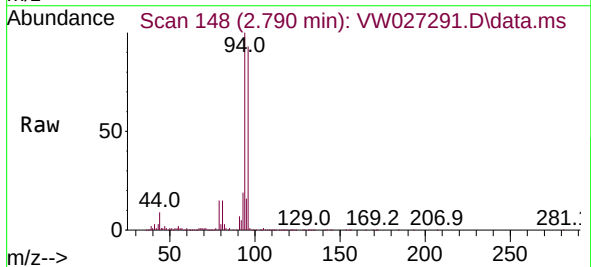
Instrument :
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 ClientSampleId :

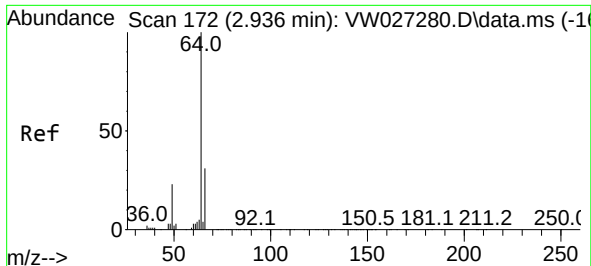
Tgt Ion: 62 Resp: 179302
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.8 44.2



#6
 Bromomethane
 Concen: 24.389 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027291.D
 Acq: 11 Oct 2023 16:53

Tgt Ion: 94 Resp: 104009
 Ion Ratio Lower Upper
 94 100
 96 92.7 62.9 116.9

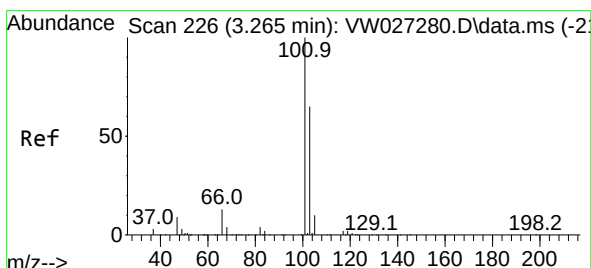
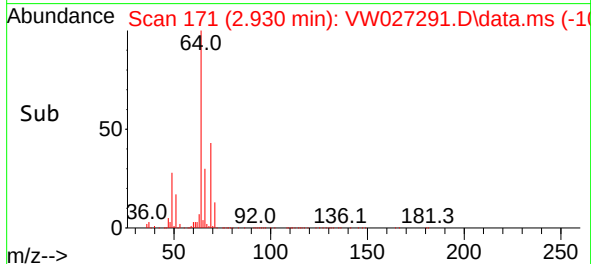
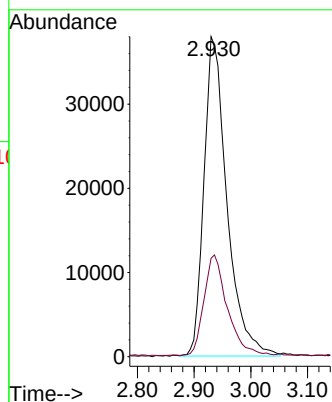
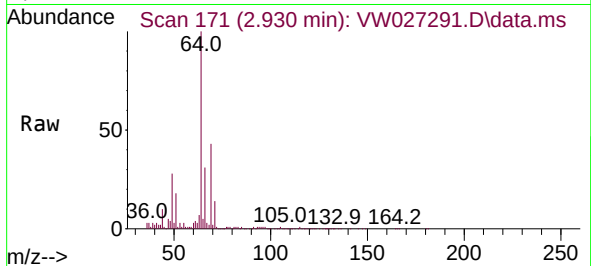




#8
Chloroethane
Concen: 24.854 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

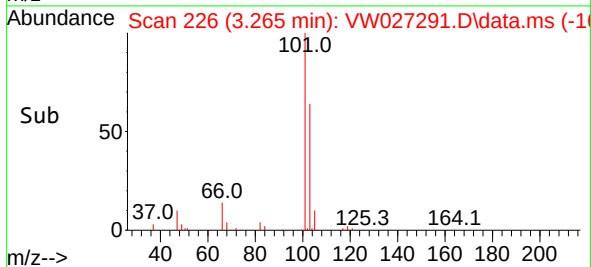
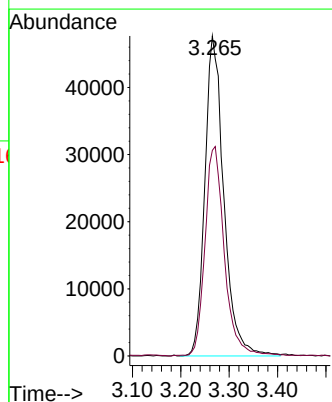
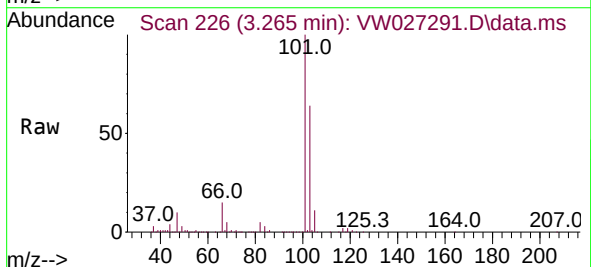
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ClientSampleId :

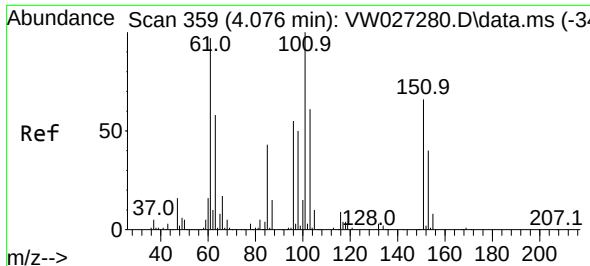
Tgt Ion: 64 Resp: 107115
Ion Ratio Lower Upper
64 100
66 30.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.597 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion:101 Resp: 129926
Ion Ratio Lower Upper
101 100
103 66.0 51.6 77.4

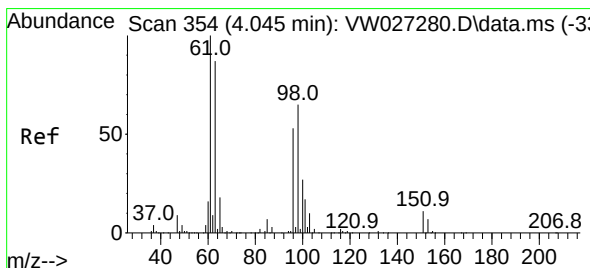
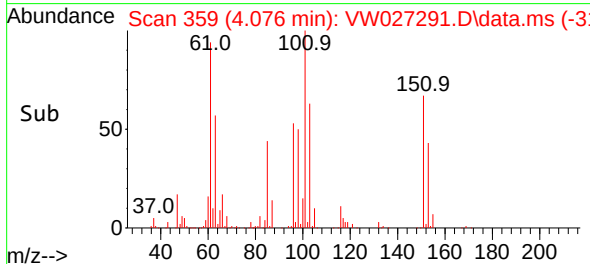
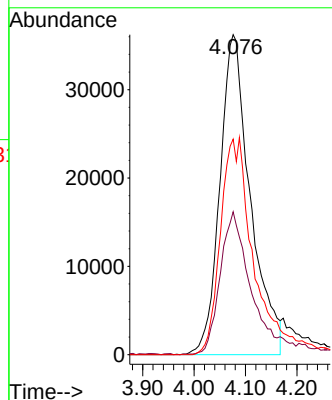
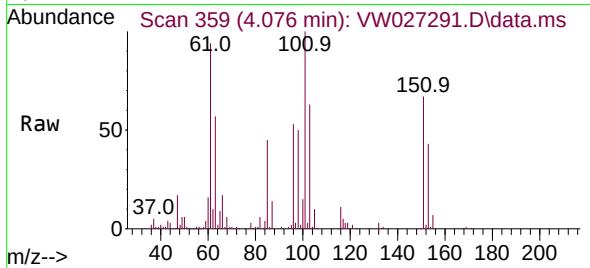




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.581 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027291.D
 Acq: 11 Oct 2023 16:53

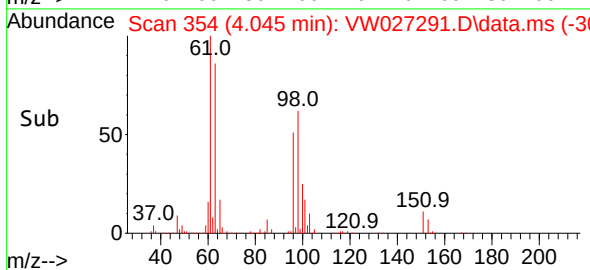
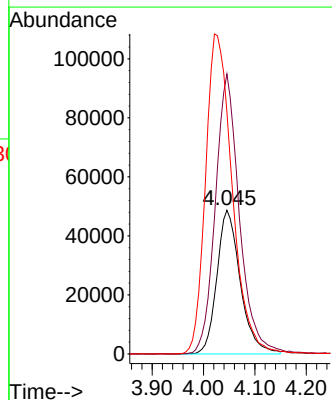
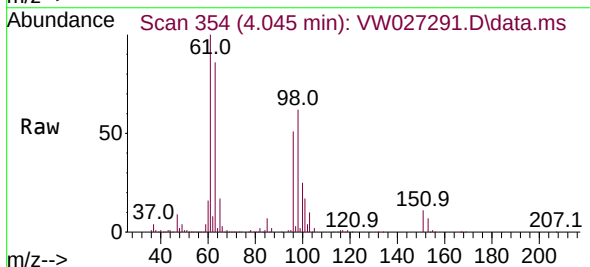
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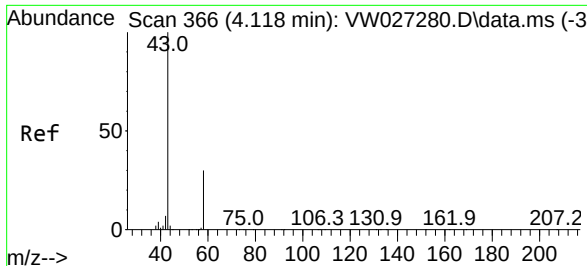
Tgt Ion:101 Resp: 149357
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.1 51.1
 151 36.5 49.5 74.3#



#12
 1,1-Dichloroethene
 Concen: 23.999 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027291.D
 Acq: 11 Oct 2023 16:53

Tgt Ion: 96 Resp: 154266
 Ion Ratio Lower Upper
 96 100
 61 194.9 133.3 247.5
 63 168.3 115.8 215.2

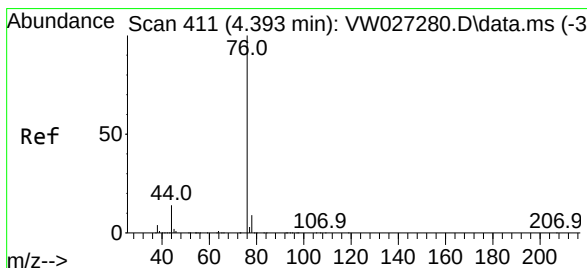
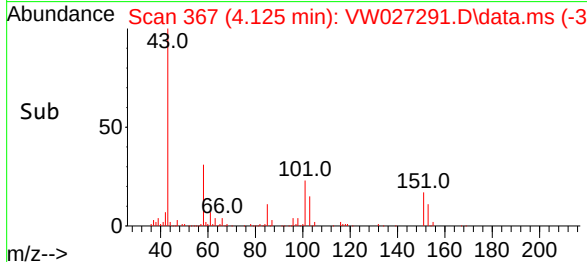
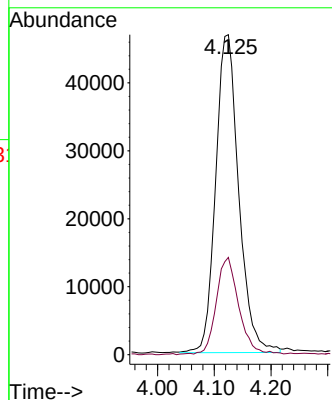
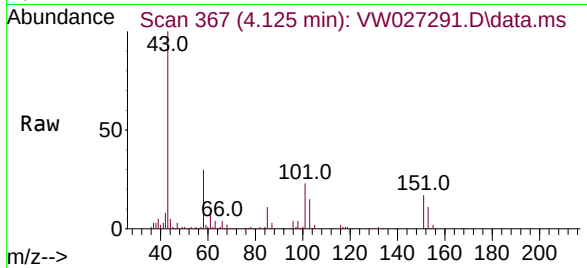




#13
Acetone
Concen: 61.482 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

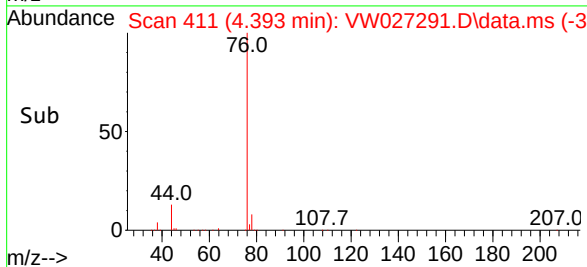
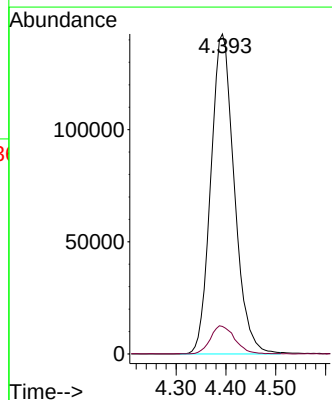
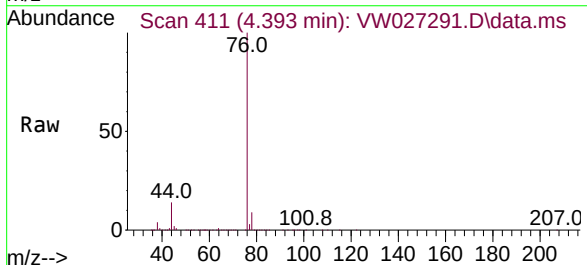
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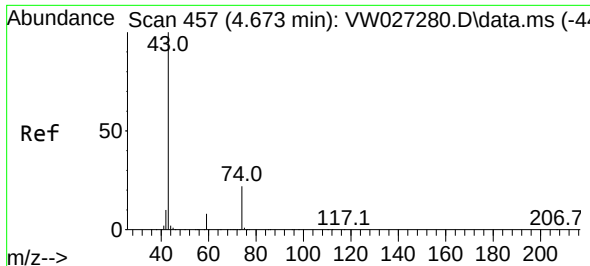
Tgt Ion: 43 Resp: 132042
Ion Ratio Lower Upper
43 100
58 29.2 0.0 60.8



#14
Carbon disulfide
Concen: 23.421 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion: 76 Resp: 466716
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

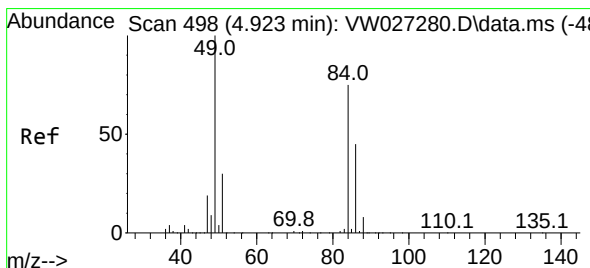
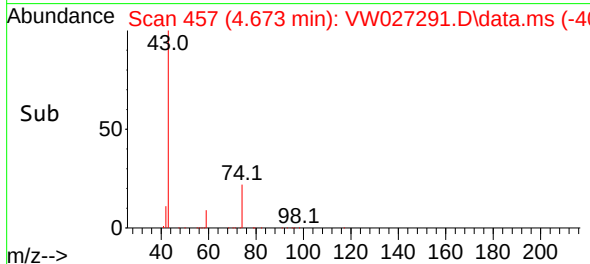
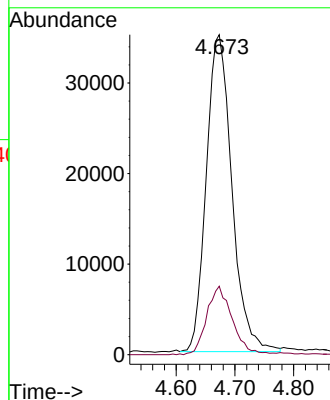
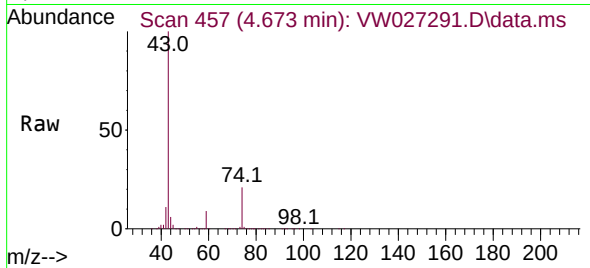




#15
Methyl Acetate
Concen: 28.935 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

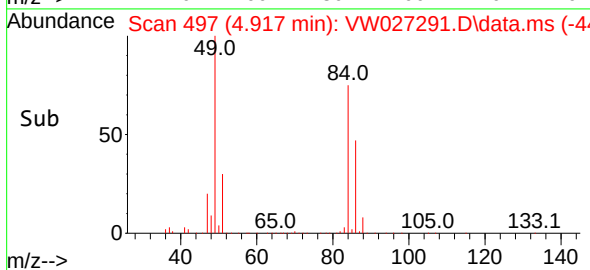
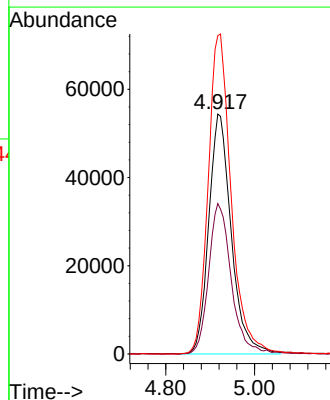
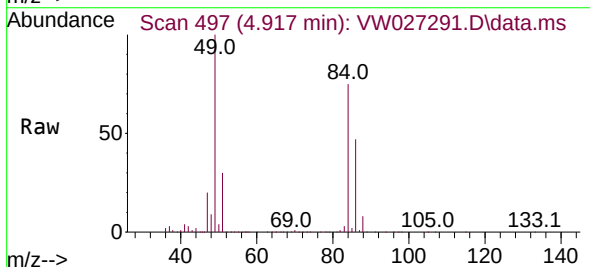
Instrument :
MSVOA_W
ClientSampleId :

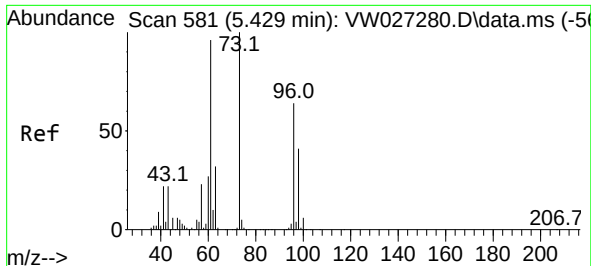
Tgt Ion: 43 Resp: 106136
Ion Ratio Lower Upper
43 100
74 21.2 17.5 26.3



#16
Methylene chloride
Concen: 21.350 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion: 84 Resp: 191570
Ion Ratio Lower Upper
84 100
86 62.7 41.3 76.7
49 132.7 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 24.218 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

ClientSampleId :

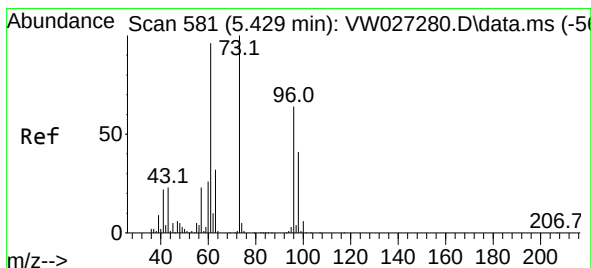
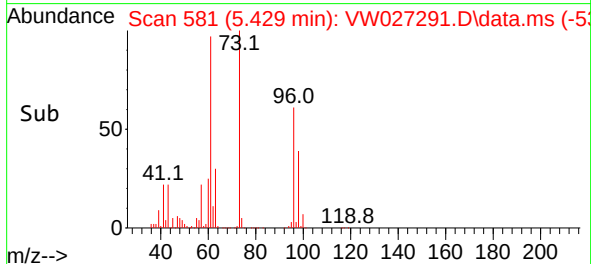
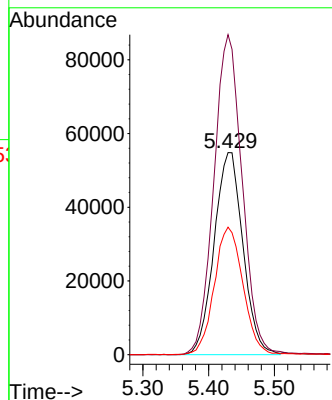
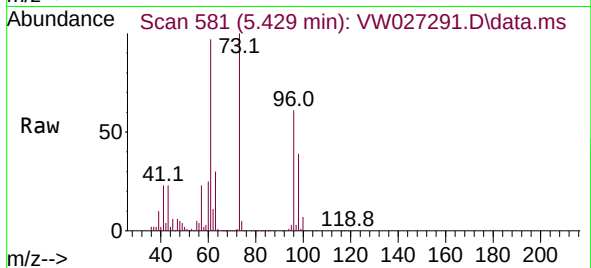
Tgt Ion: 96 Resp: 167304

Ion Ratio Lower Upper

96 100

61 158.4 105.6 196.0

98 63.1 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 26.912 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

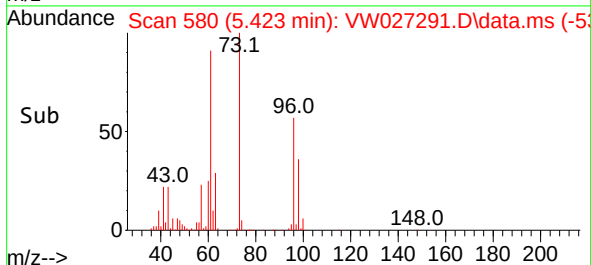
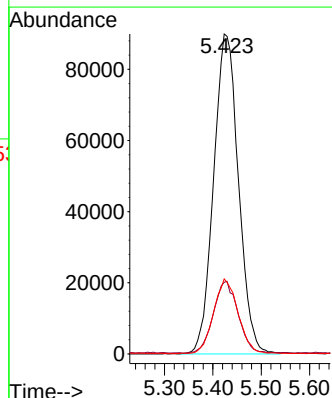
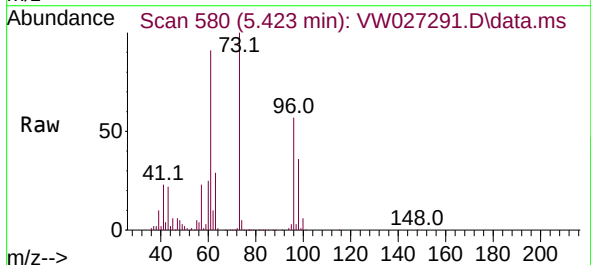
Tgt Ion: 73 Resp: 320756

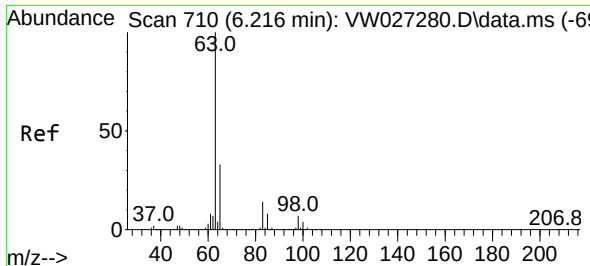
Ion Ratio Lower Upper

73 100

43 22.3 17.7 26.5

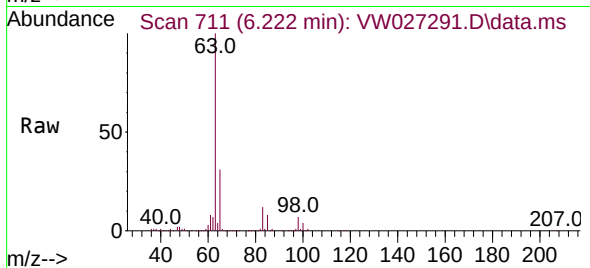
57 22.7 18.5 27.7



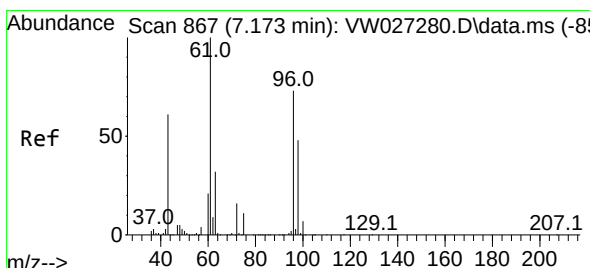
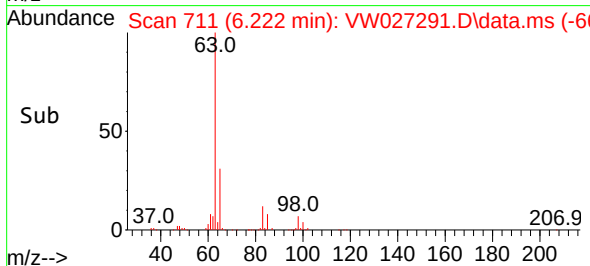
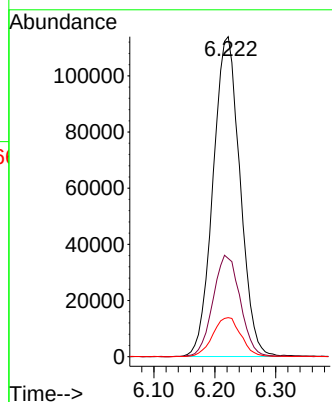


#19
1,1-Dichloroethane
Concen: 24.818 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Instrument :
MSVOA_W
ClientSampleId :

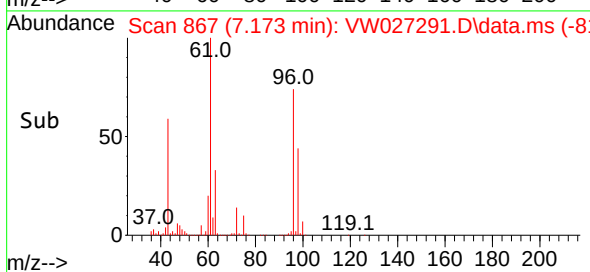
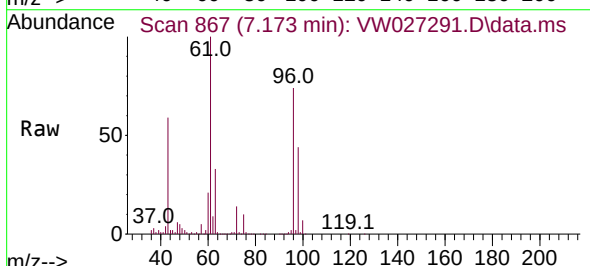
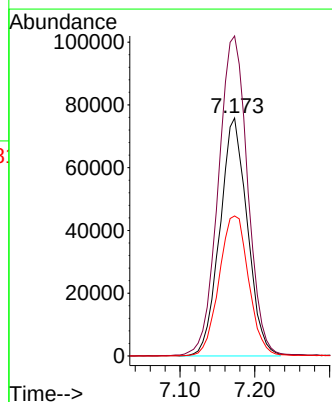


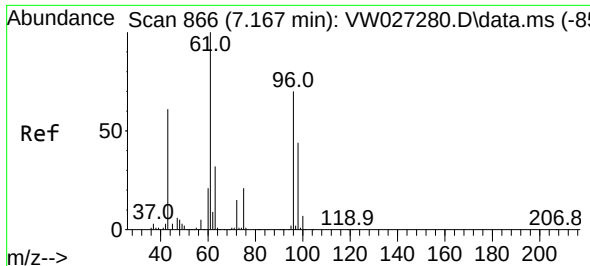
Tgt Ion: 63 Resp: 349795
Ion Ratio Lower Upper
63 100
65 30.7 22.9 42.5
83 12.2 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 24.845 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion: 96 Resp: 193828
Ion Ratio Lower Upper
96 100
61 134.5 96.2 178.8
98 58.8 46.0 85.4

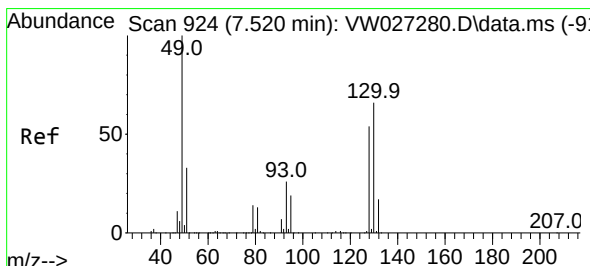
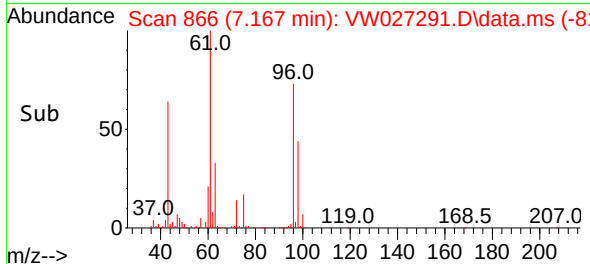
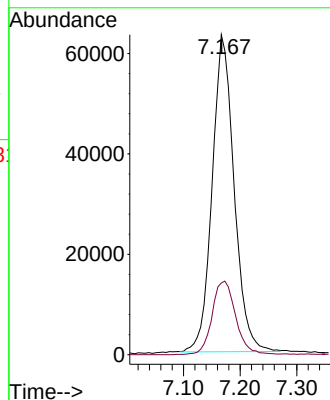
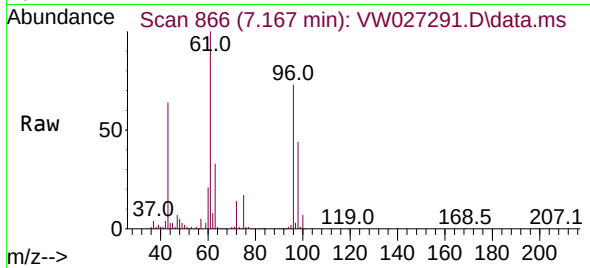




#22
2-Butanone
Concen: 52.774 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

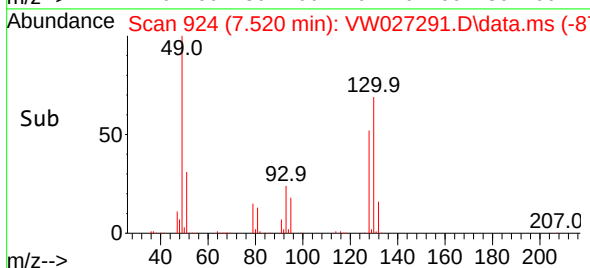
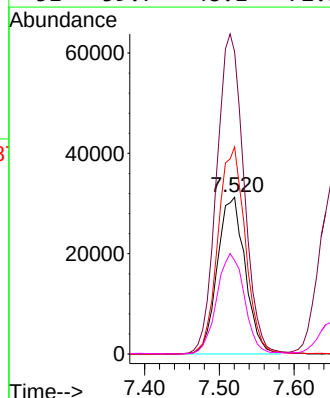
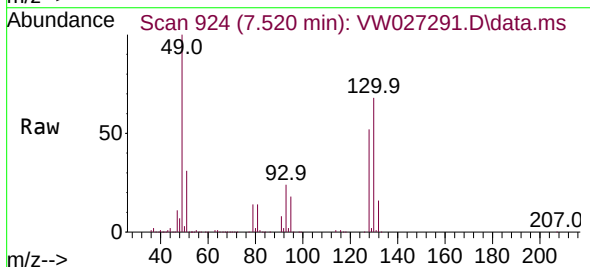
Instrument :
MSVOA_W
ClientSampleId :

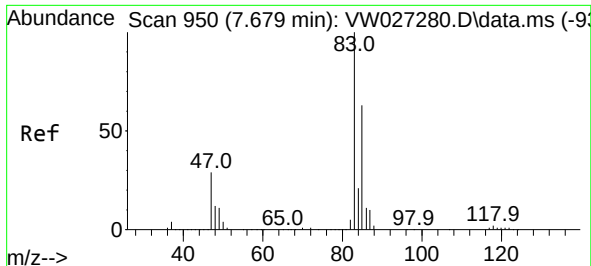
Tgt Ion: 43 Resp: 169649
Ion Ratio Lower Upper
43 100
72 24.7 12.3 36.8



#23
Bromochloromethane
Concen: 25.055 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion: 128 Resp: 80701
Ion Ratio Lower Upper
128 100
49 193.0 128.9 239.5
130 132.2 85.0 157.8
51 59.7 48.1 72.1

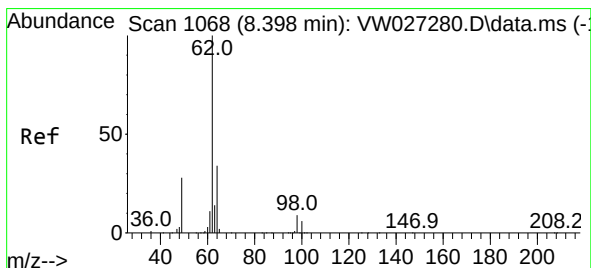
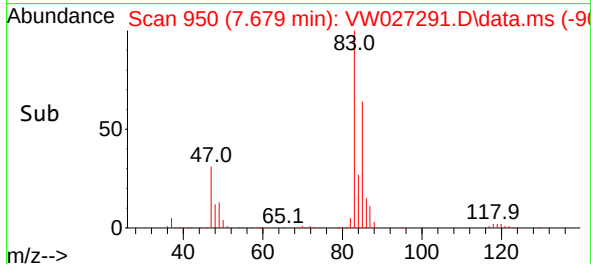
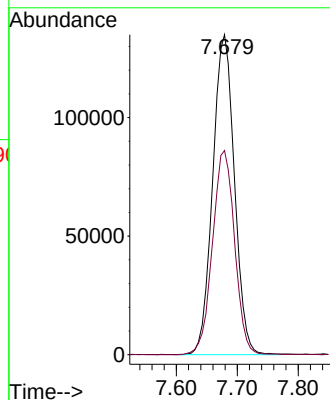
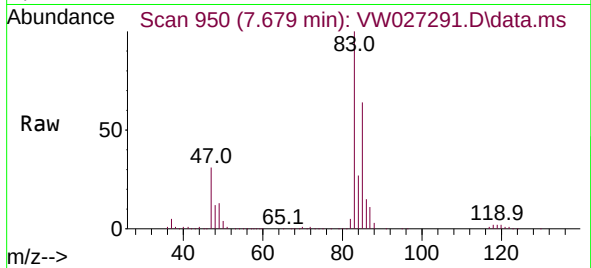




#25
Chloroform
Concen: 25.342 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

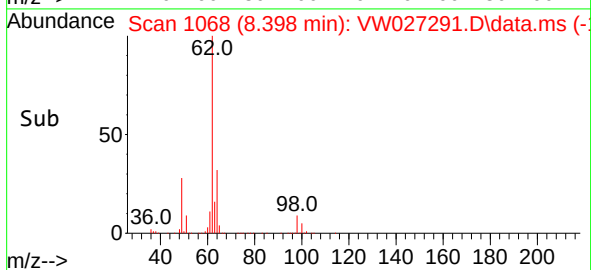
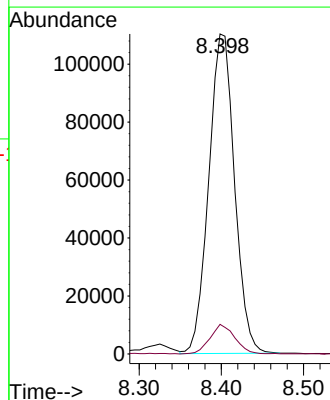
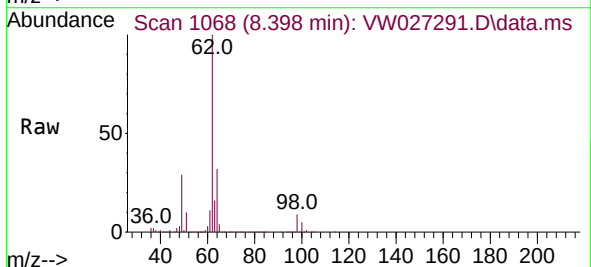
Instrument :
MSVOA_W
ClientSampleId :

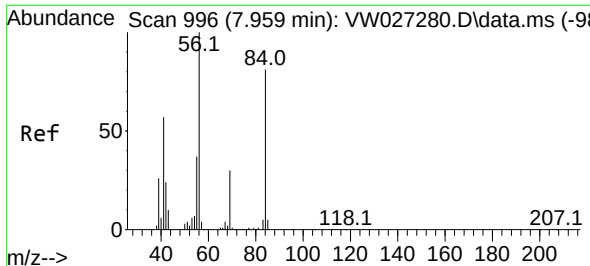
Tgt Ion: 83 Resp: 334293
Ion Ratio Lower Upper
83 100
85 63.8 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.834 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

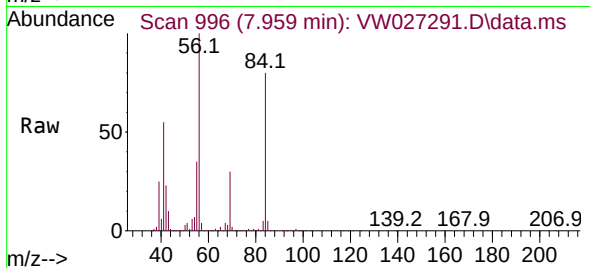
Tgt Ion: 62 Resp: 240457
Ion Ratio Lower Upper
62 100
98 9.3 7.5 11.3



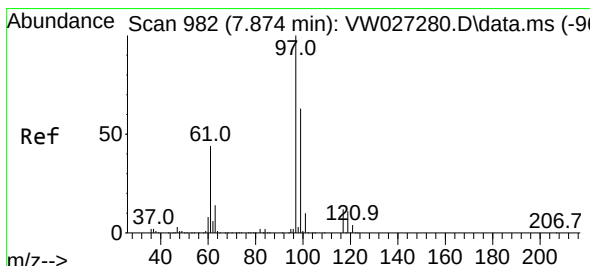
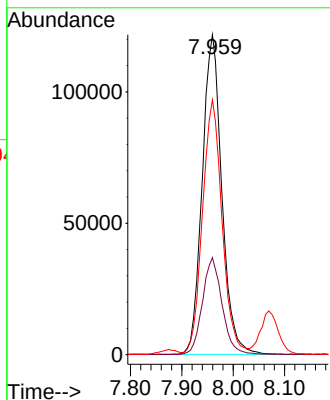
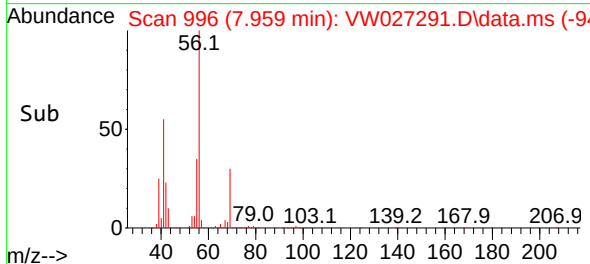


#29
Cyclohexane
Concen: 23.758 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Instrument :
MSVOA_W
ClientSampleId :

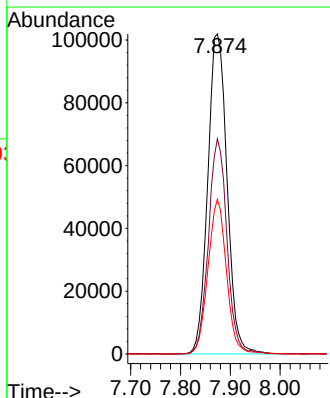
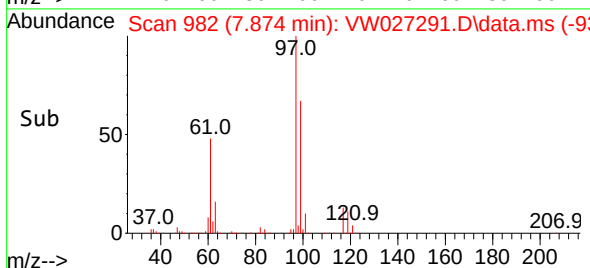
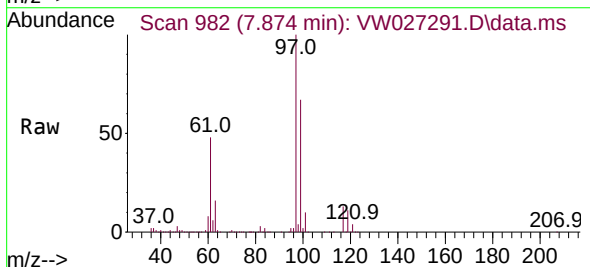


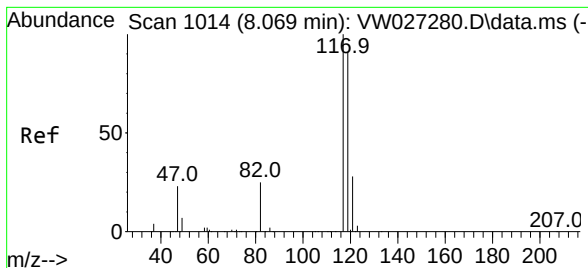
Tgt Ion: 56 Resp: 321847
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.4
84 79.8 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 25.243 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion: 97 Resp: 274739
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 46.4 37.4 56.0

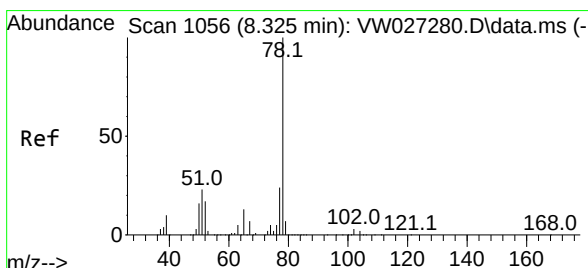
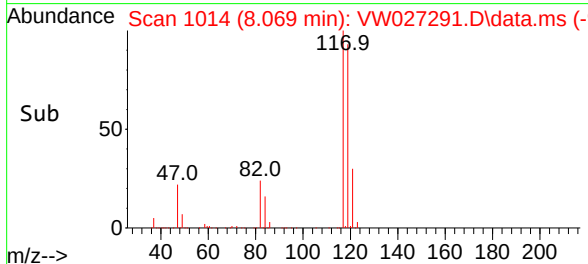
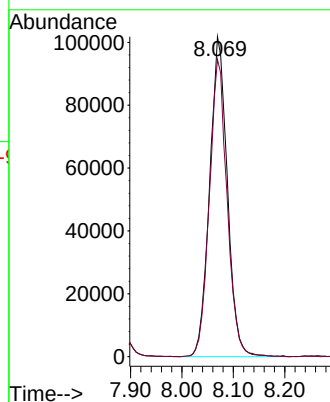
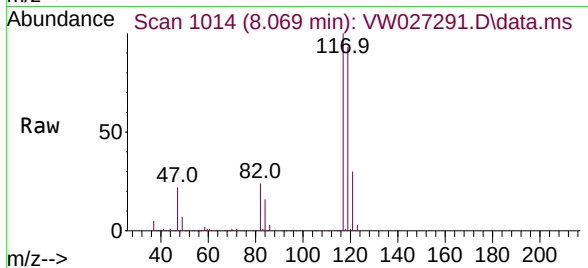




#31
Carbon tetrachloride
Concen: 24.820 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

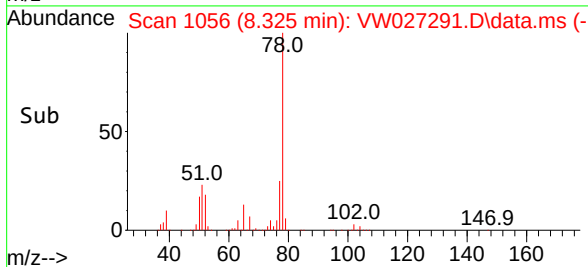
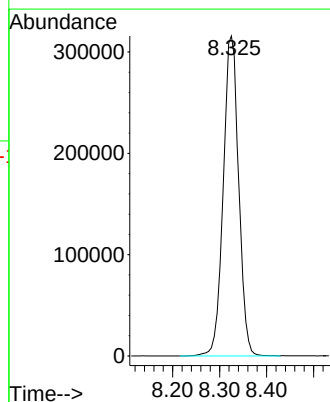
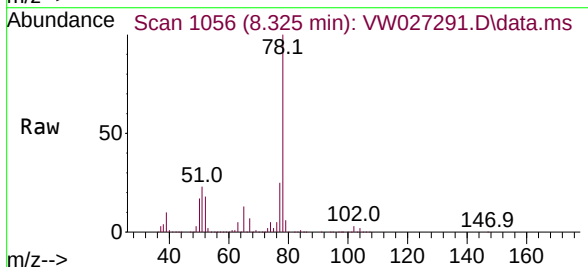
Instrument :
MSVOA_W
ClientSampleId :

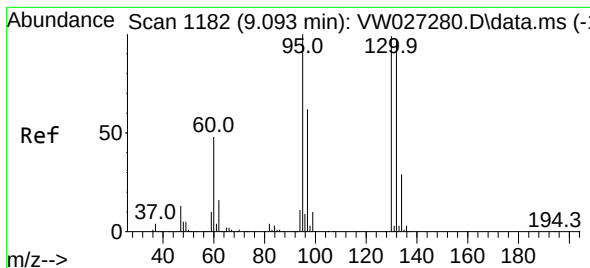
Tgt Ion:117 Resp: 243580
Ion Ratio Lower Upper
117 100
119 93.0 77.1 115.7



#33
Benzene
Concen: 24.758 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion: 78 Resp: 721915





#34

Trichloroethene

Concen: 24.691 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 190180

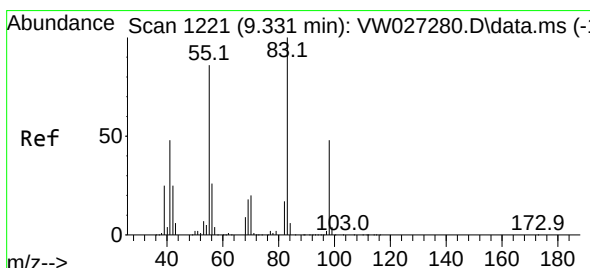
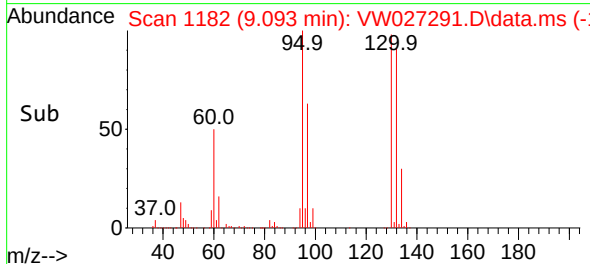
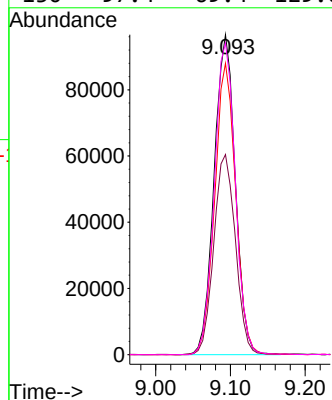
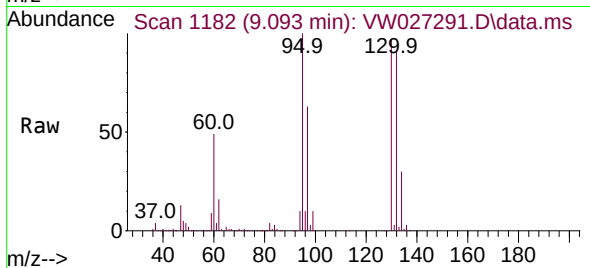
Ion Ratio Lower Upper

95 100

97 62.5 43.4 80.6

132 91.0 67.6 125.6

130 97.4 69.4 129.0



#35

Methylcyclohexane

Concen: 23.624 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

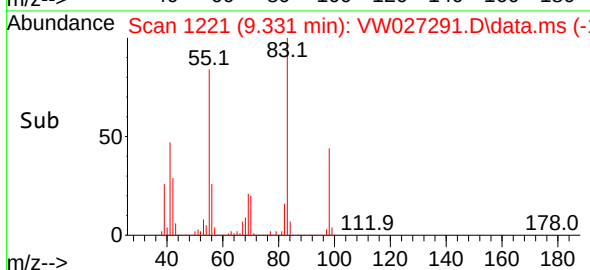
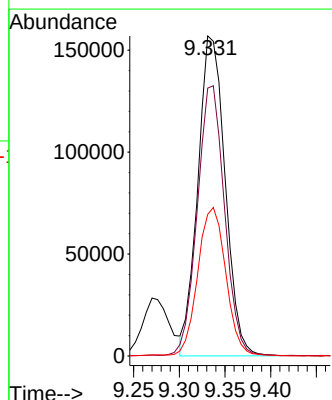
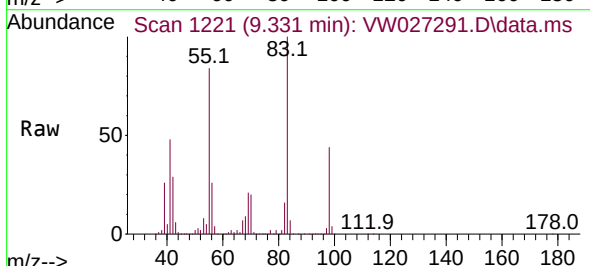
Tgt Ion: 83 Resp: 325395

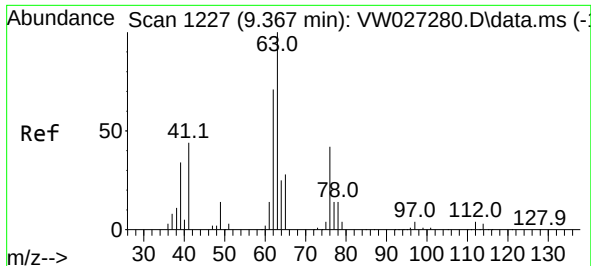
Ion Ratio Lower Upper

83 100

55 84.3 65.8 98.8

98 47.9 38.1 57.1





#37

1,2-Dichloropropane

Concen: 25.417 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

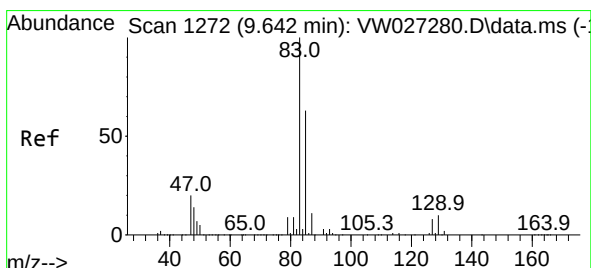
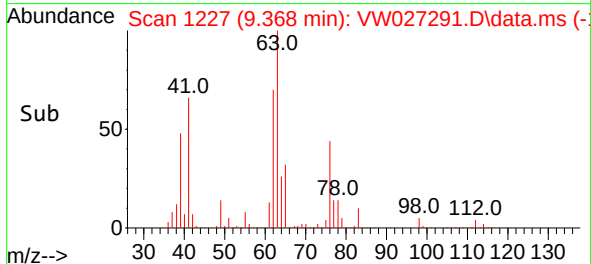
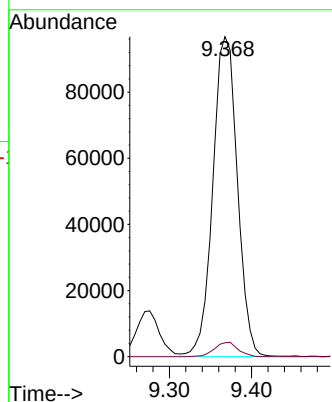
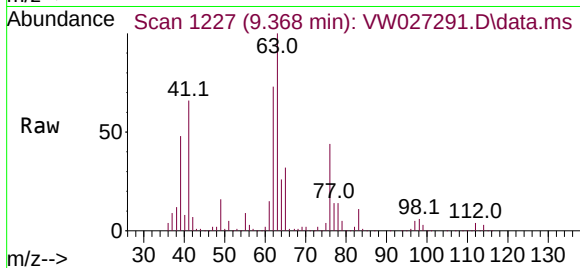
ClientSampleId :

Tgt Ion: 63 Resp: 200397

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 26.110 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

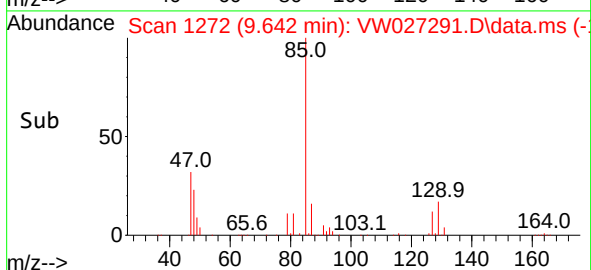
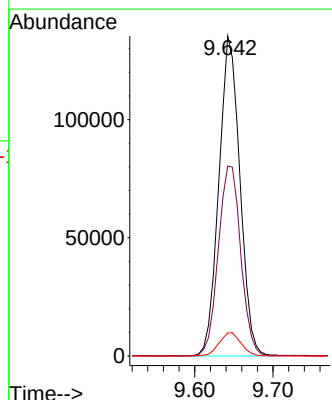
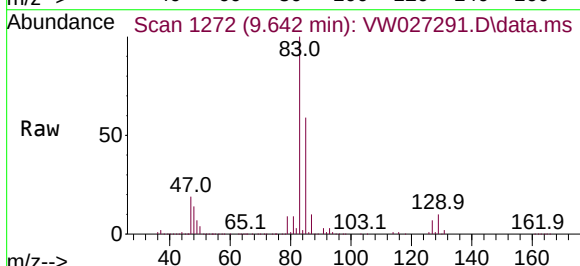
Tgt Ion: 83 Resp: 253136

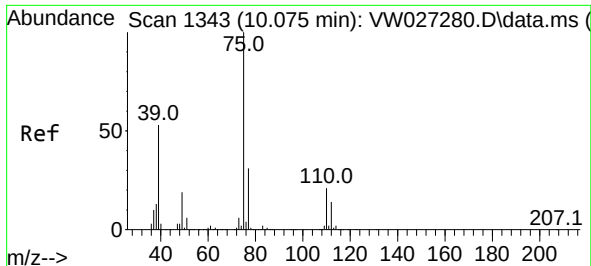
Ion Ratio Lower Upper

83 100

85 59.4 43.9 81.5

127 7.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.554 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

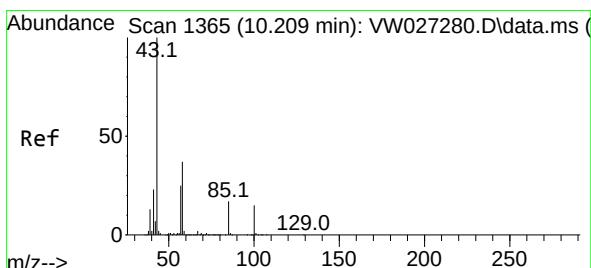
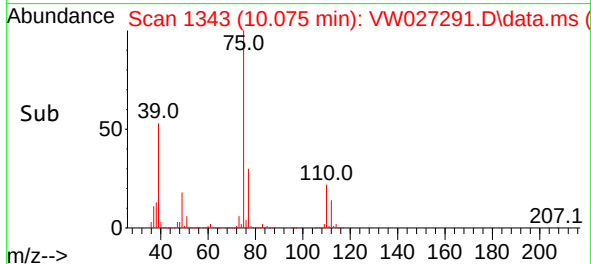
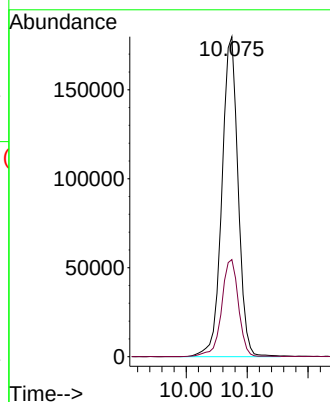
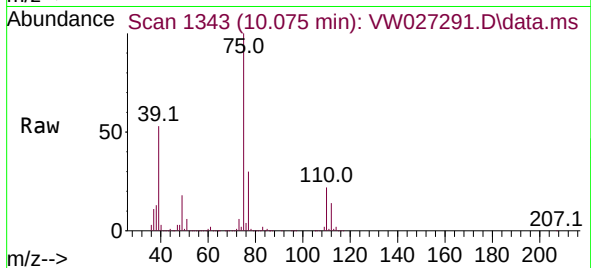
ClientSampleId :

Tgt Ion: 75 Resp: 332810

Ion Ratio Lower Upper

75 100

77 30.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 57.635 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

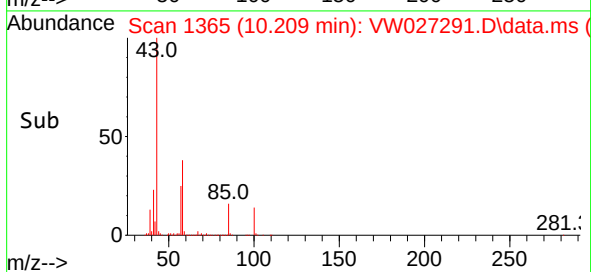
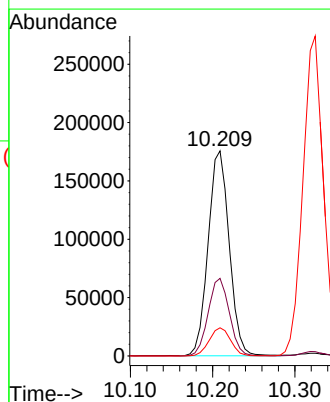
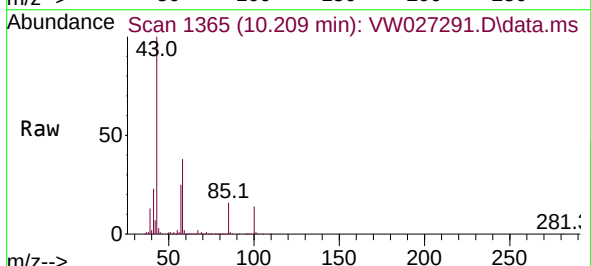
Tgt Ion: 43 Resp: 312505

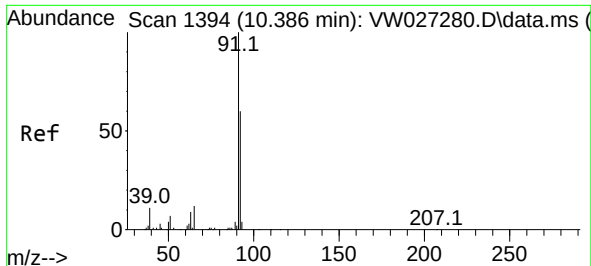
Ion Ratio Lower Upper

43 100

58 38.1 30.5 45.7

100 13.9 11.5 17.3

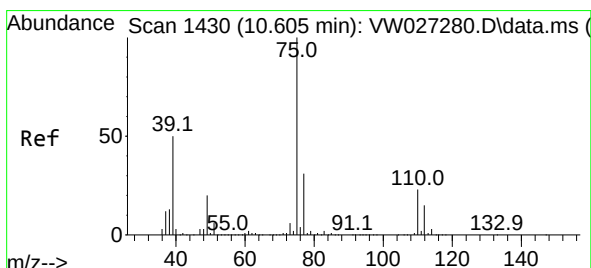
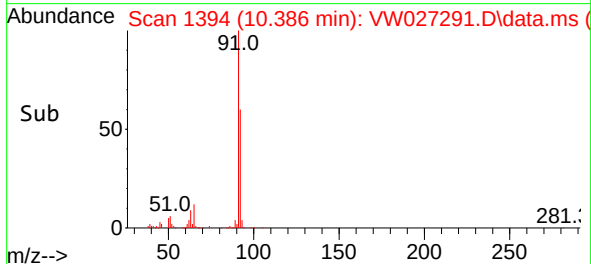
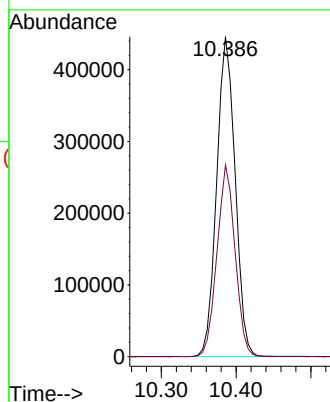
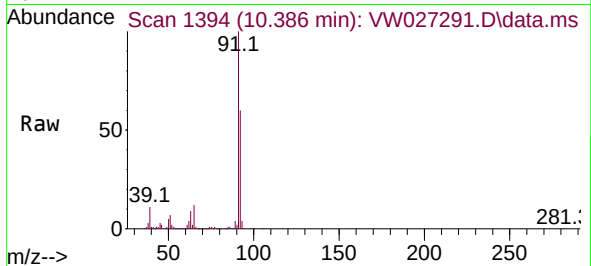




#42
Toluene
Concen: 25.002 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

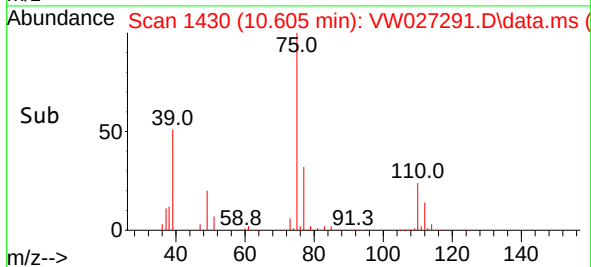
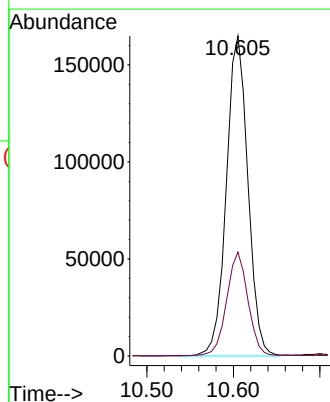
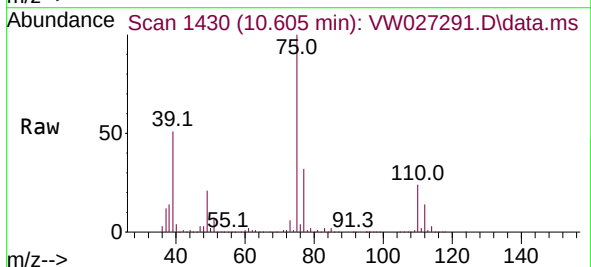
Instrument :
MSVOA_W
ClientSampleId :

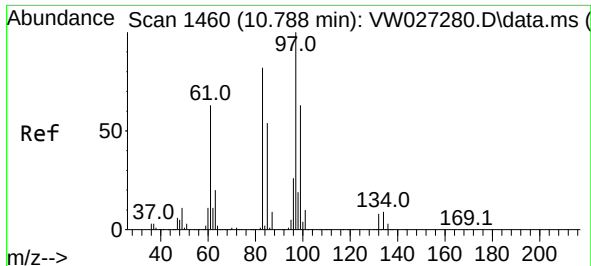
Tgt Ion: 91 Resp: 764803
Ion Ratio Lower Upper
91 100
92 59.9 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 25.912 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion: 75 Resp: 284754
Ion Ratio Lower Upper
75 100
77 32.4 22.0 41.0

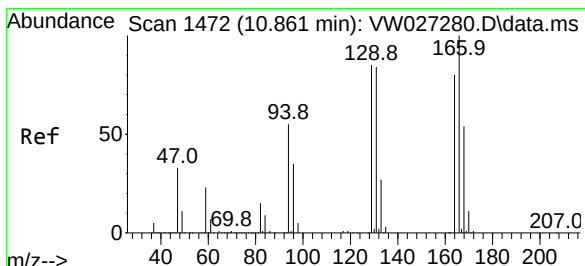
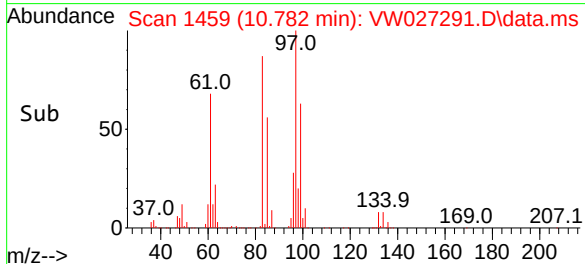
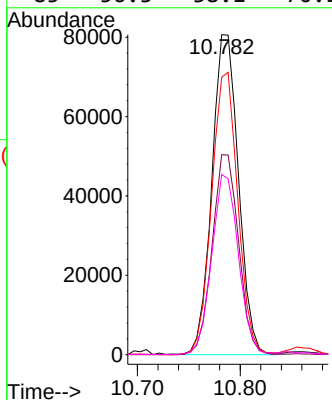
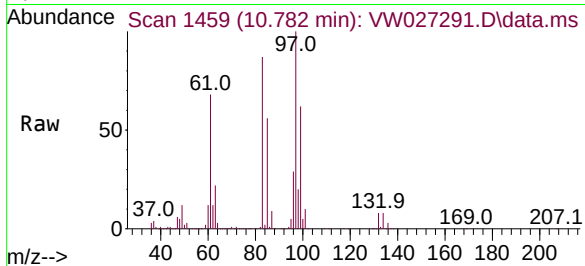




#45
1,1,2-Trichloroethane
Concen: 26.747 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

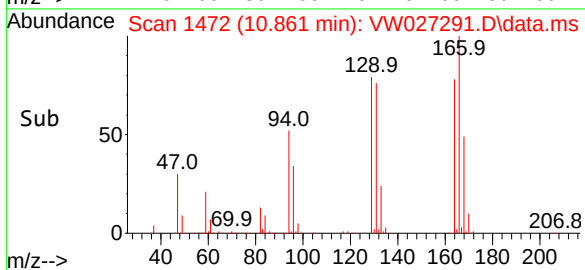
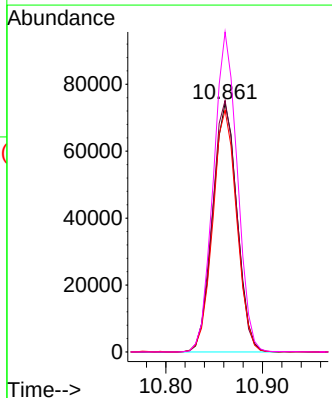
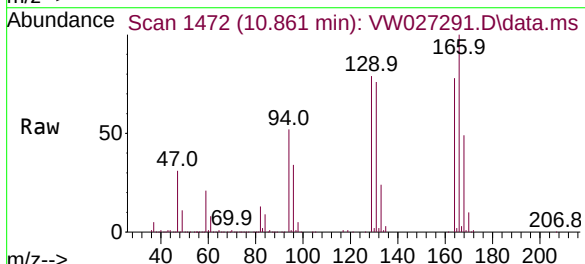
Instrument :
MSVOA_W
ClientSampleId :

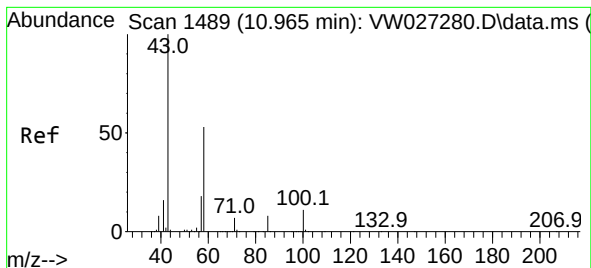
Tgt Ion:	97	Resp:	145118
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.4
83	86.7	57.5	106.7
85	56.3	38.1	70.9



#46
Tetrachloroethene
Concen: 24.381 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion:	164	Resp:	129669
Ion	Ratio	Lower	Upper
164	100		
129	101.2	74.7	138.7
131	97.2	73.2	136.0
166	128.7	87.3	162.1





#48

2-Hexanone

Concen: 58.571 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

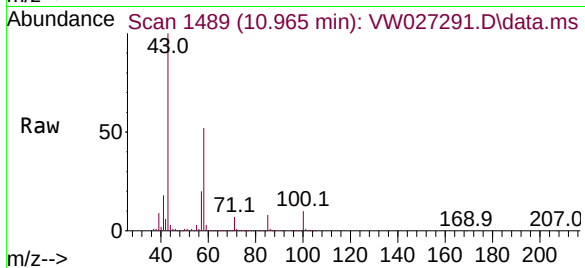
Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 235055

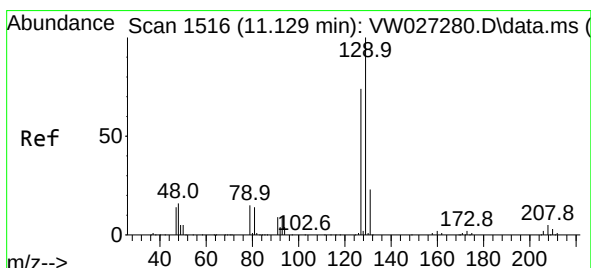
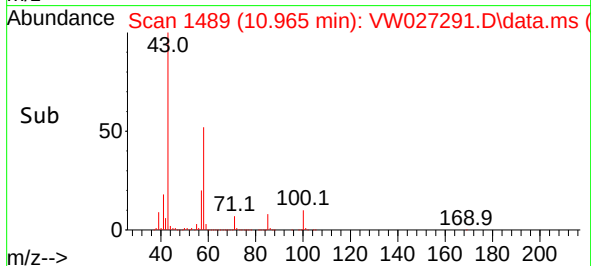
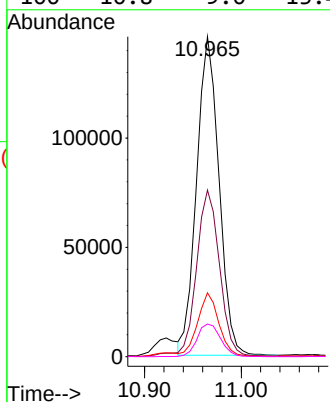
Ion Ratio Lower Upper

43 100

58 52.8 42.2 63.4

57 18.9 15.1 22.7

100 10.8 9.0 13.4



#49

Dibromochloromethane

Concen: 26.179 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027291.D

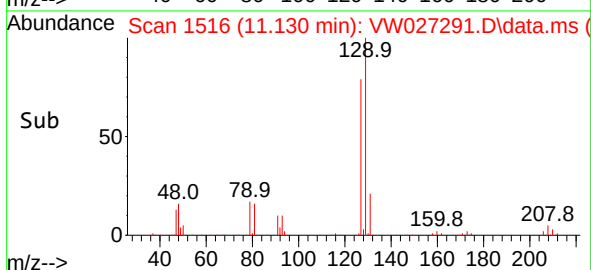
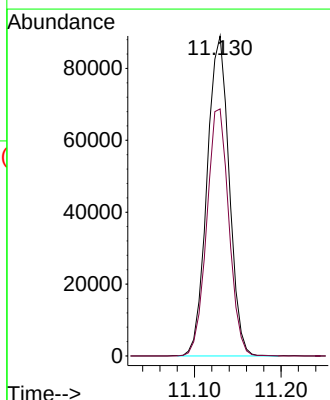
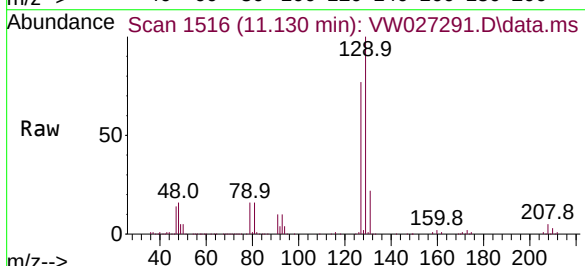
Acq: 11 Oct 2023 16:53

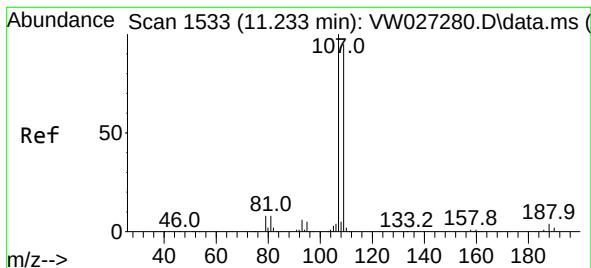
Tgt Ion:129 Resp: 157739

Ion Ratio Lower Upper

129 100

127 77.2 51.7 95.9

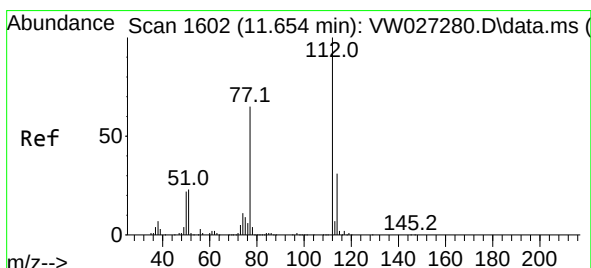
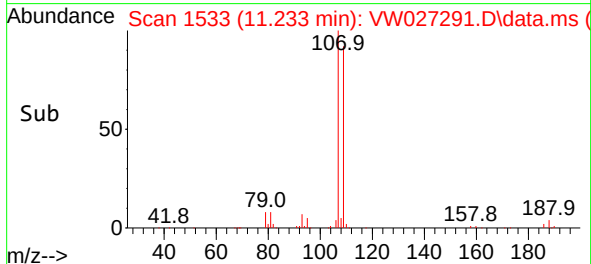
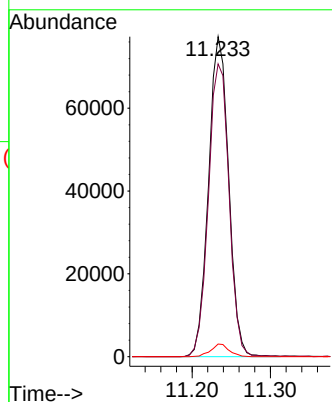
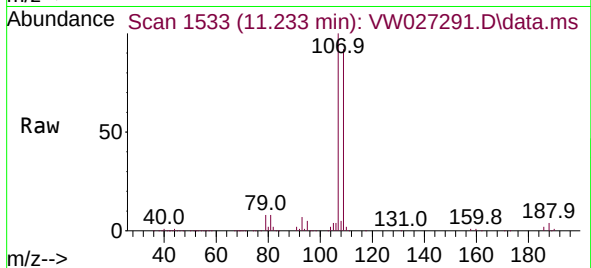




#50
1,2-Dibromoethane
Concen: 26.230 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

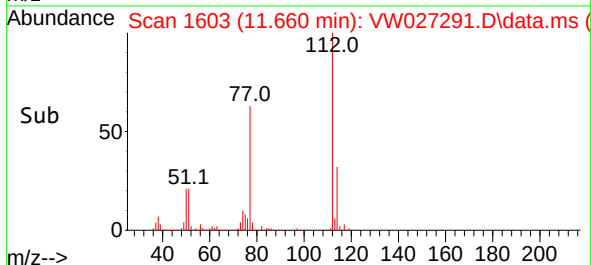
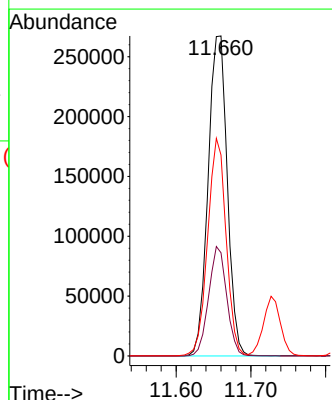
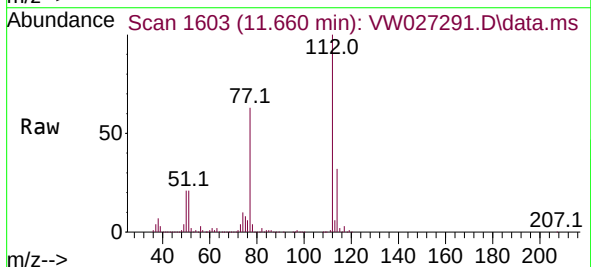
Instrument :
MSVOA_W
ClientSampleId :

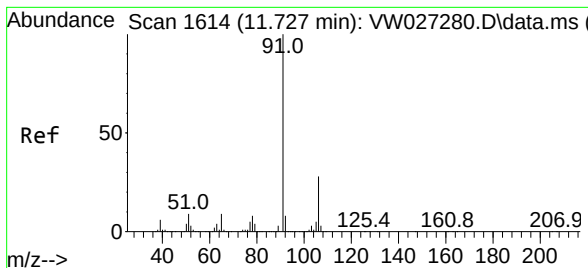
Tgt Ion:107 Resp: 137978
Ion Ratio Lower Upper
107 100
109 91.5 66.3 123.1
188 4.0 3.0 4.4



#51
Chlorobenzene
Concen: 24.927 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion:112 Resp: 477475
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.6
77 62.8 52.2 78.4

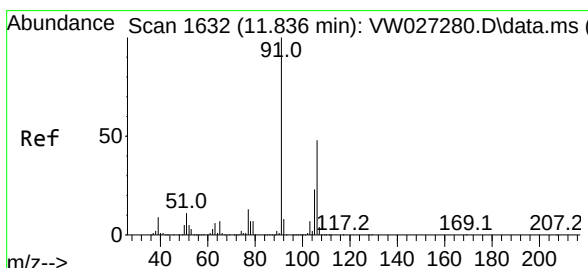
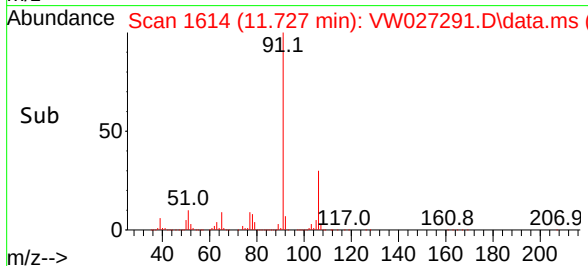
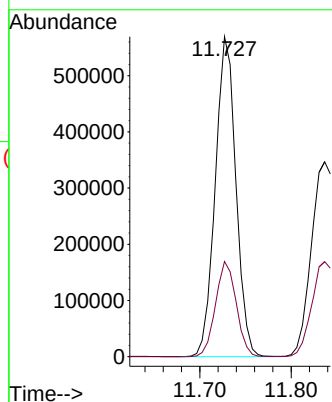
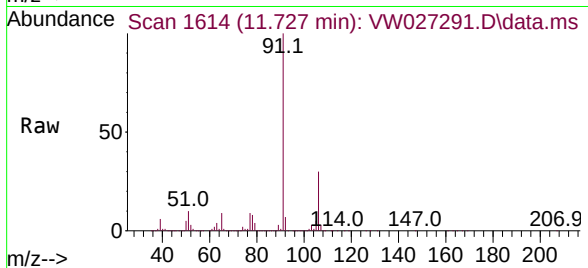




#52
Ethylbenzene
Concen: 25.140 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

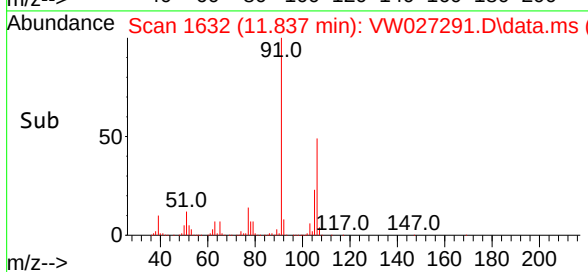
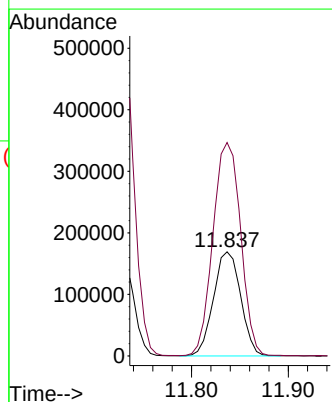
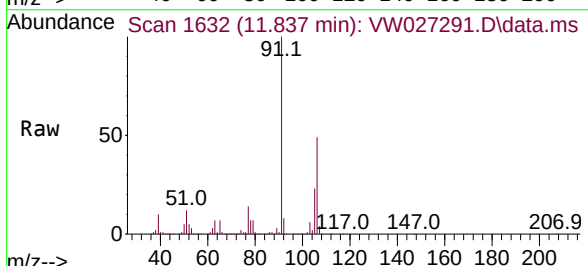
Instrument :
MSVOA_W
ClientSampleId :

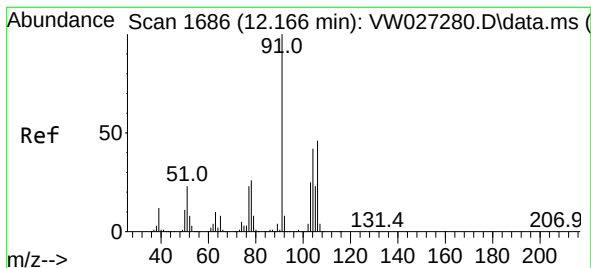
Tgt Ion: 91 Resp: 893622
Ion Ratio Lower Upper
91 100
106 29.8 19.8 36.8



#53
m,p-Xylene
Concen: 24.476 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion:106 Resp: 329989
Ion Ratio Lower Upper
106 100
91 205.0 144.5 268.4





#54

o-Xylene

Concen: 24.724 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

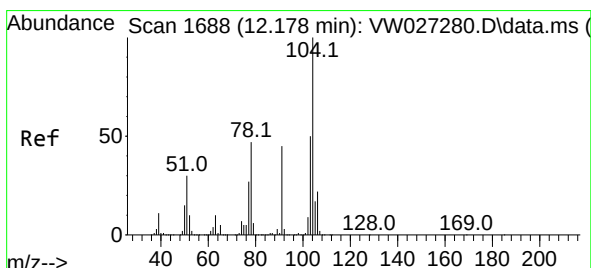
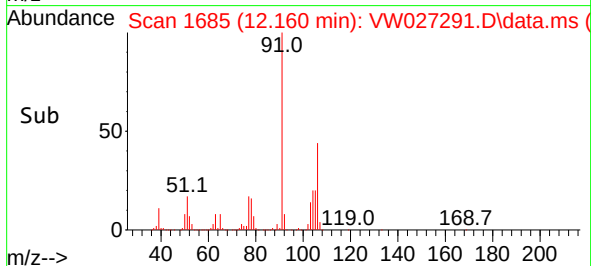
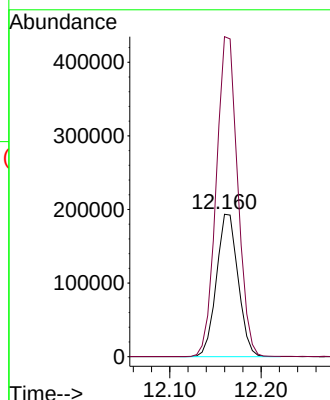
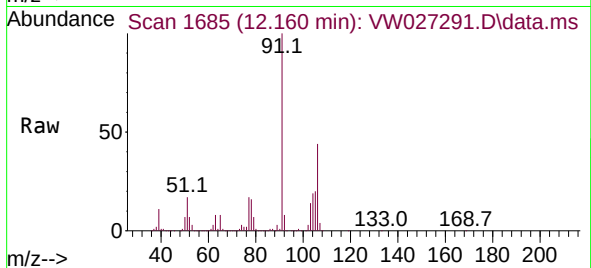
ClientSampleId :

Tgt Ion:106 Resp: 319209

Ion Ratio Lower Upper

106 100

91 224.8 152.0 282.2



#55

Styrene

Concen: 25.168 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027291.D

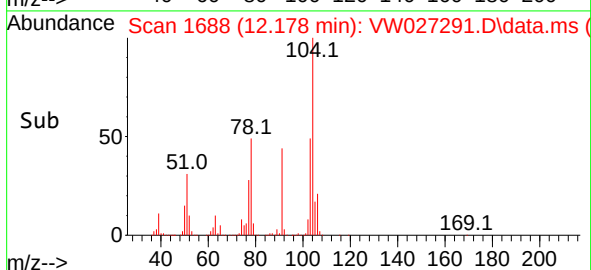
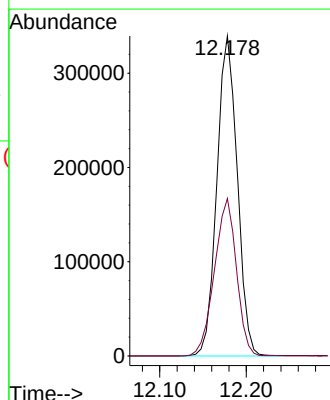
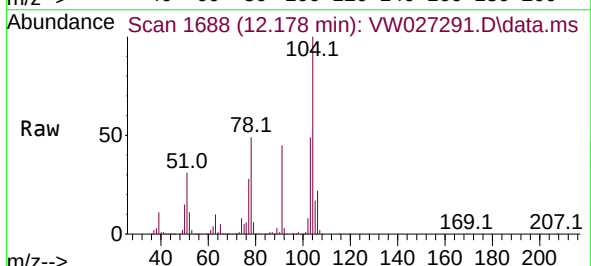
Acq: 11 Oct 2023 16:53

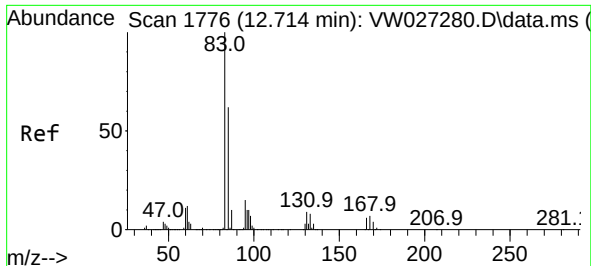
Tgt Ion:104 Resp: 554949

Ion Ratio Lower Upper

104 100

78 49.2 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.959 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

ClientSampleId :

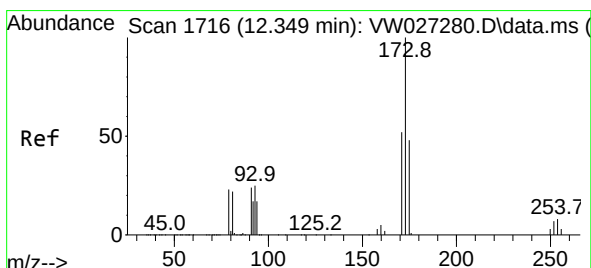
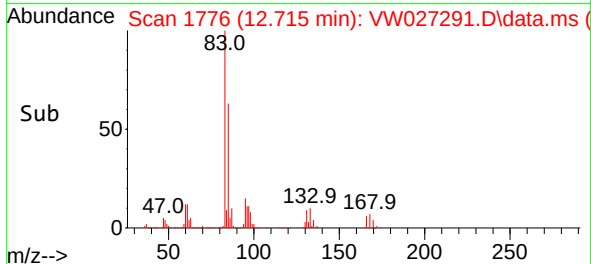
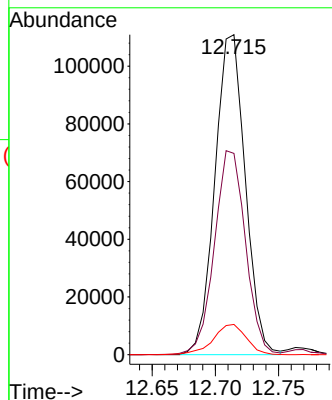
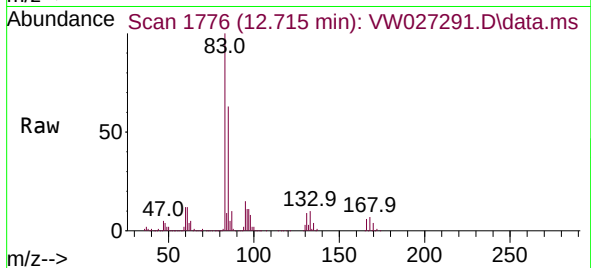
Tgt Ion: 83 Resp: 185175

Ion Ratio Lower Upper

83 100

85 62.9 43.2 80.2

131 9.4 7.2 10.8



#59

Bromoform

Concen: 26.847 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

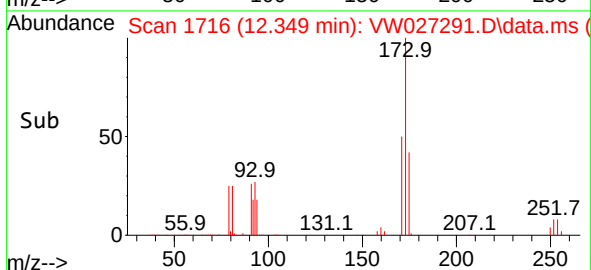
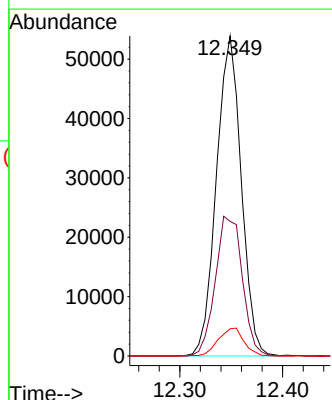
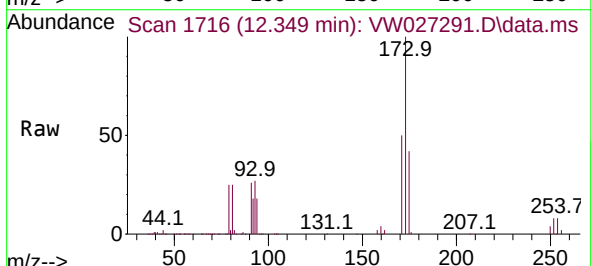
Tgt Ion: 173 Resp: 90486

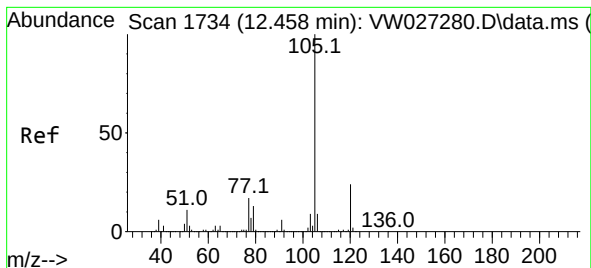
Ion Ratio Lower Upper

173 100

175 47.3 39.6 59.4

254 9.0 6.6 10.0





#60

Isopropylbenzene

Concen: 24.460 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

ClientSampleId :

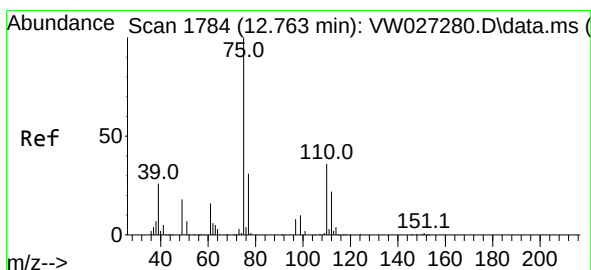
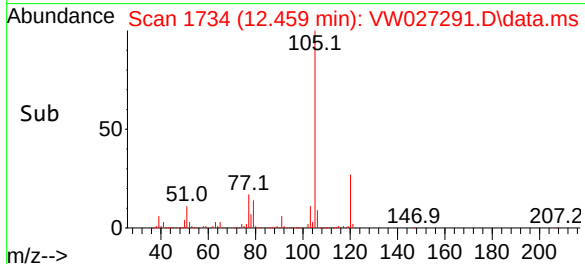
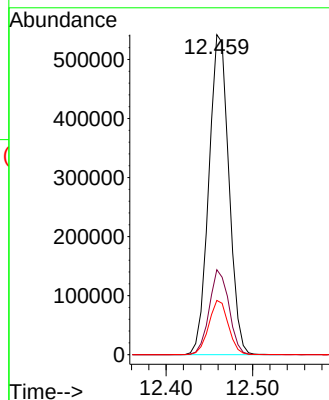
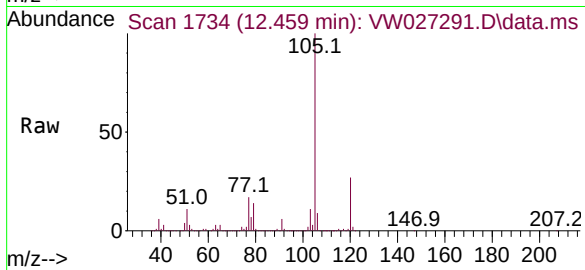
Tgt Ion:105 Resp: 870334

Ion Ratio Lower Upper

105 100

120 26.0 20.1 30.1

77 16.5 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 28.378 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

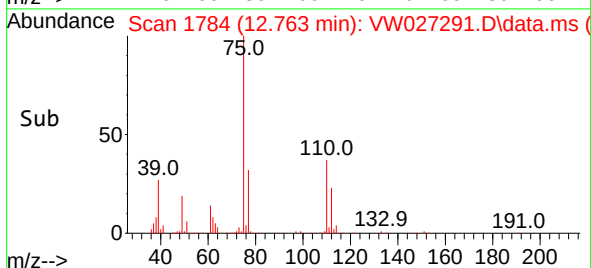
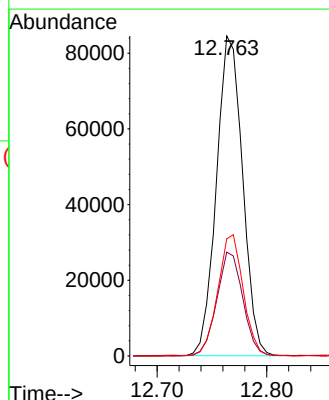
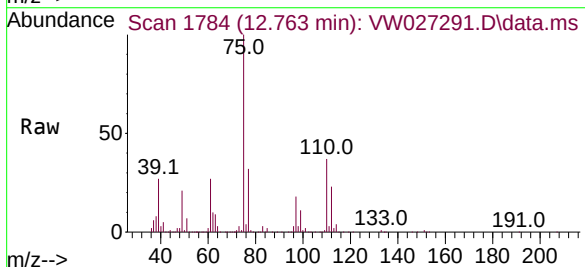
Tgt Ion: 75 Resp: 140347

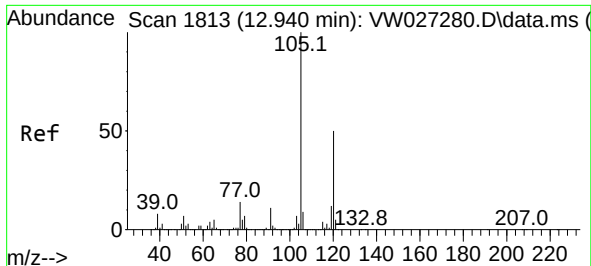
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

110 36.9 29.7 44.5

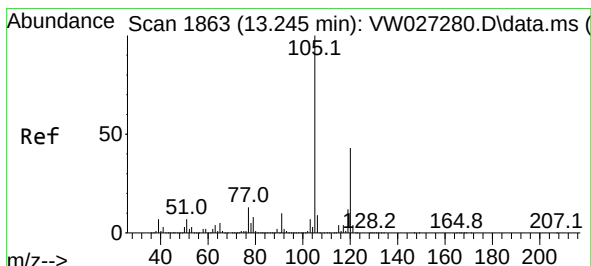
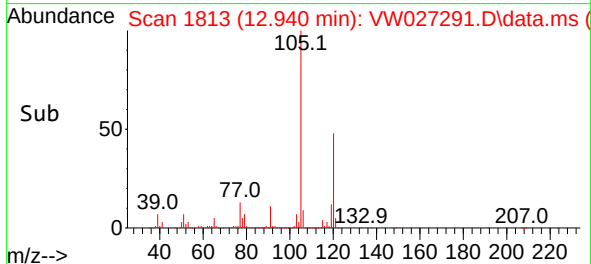
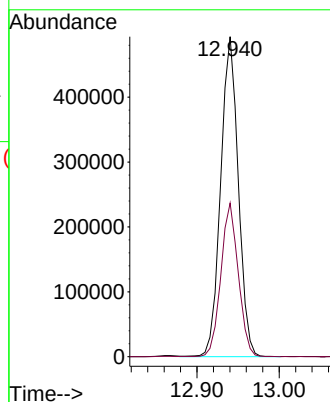
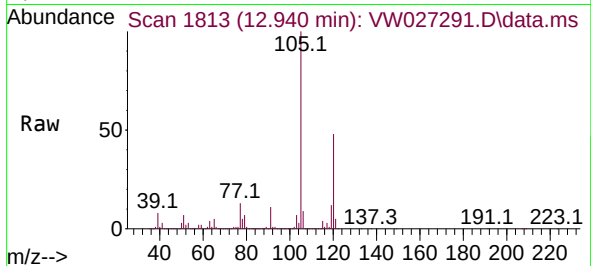




#62
1,3,5-Trimethylbenzene
Concen: 24.717 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

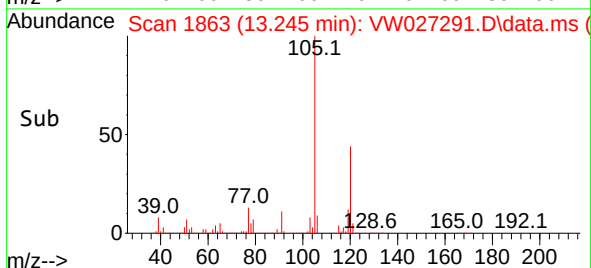
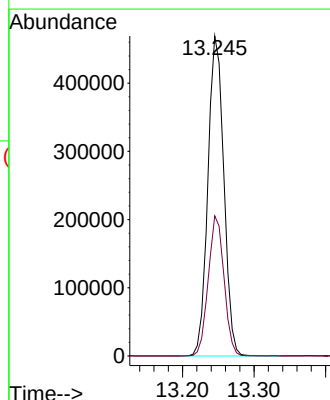
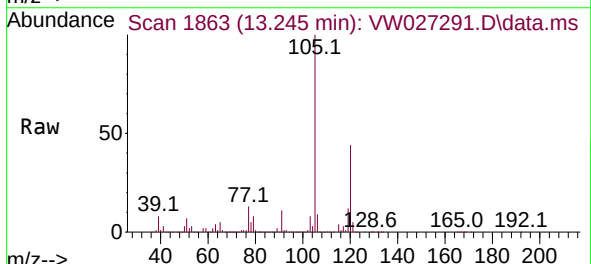
Instrument :
MSVOA_W
ClientSampleId :

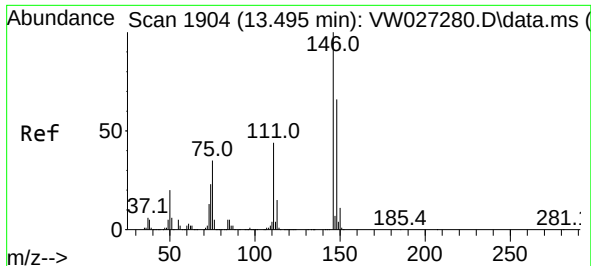
Tgt Ion:105 Resp: 733604
Ion Ratio Lower Upper
105 100
120 47.3 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 24.934 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion:105 Resp: 724096
Ion Ratio Lower Upper
105 100
120 43.4 35.4 53.2

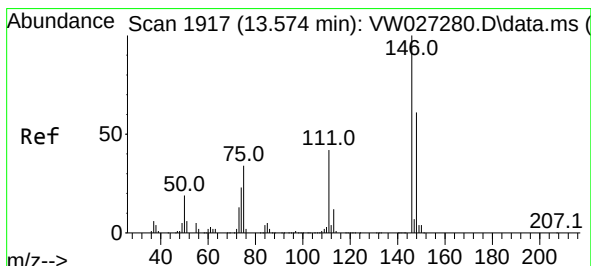
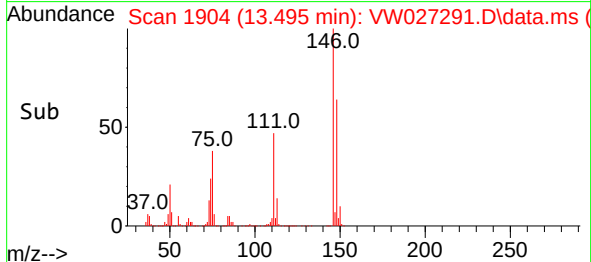
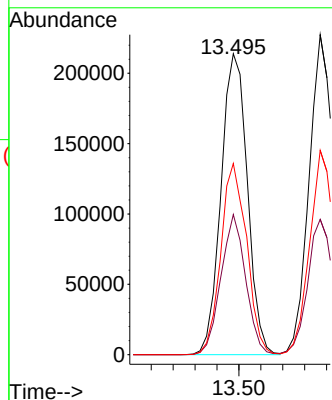
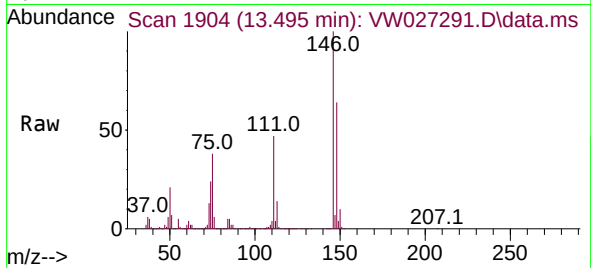




#64
1,3-Dichlorobenzene
Concen: 24.763 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

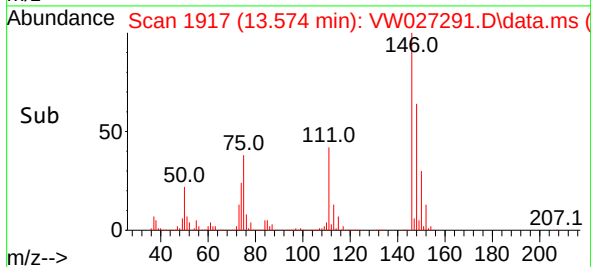
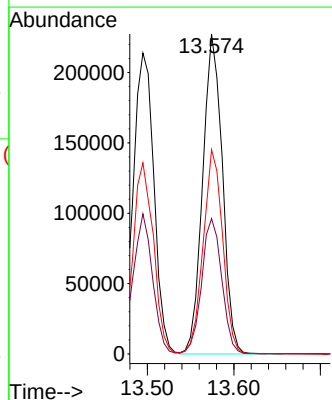
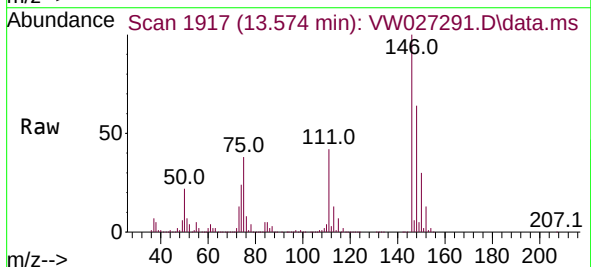
Instrument :
MSVOA_W
ClientSampleId :

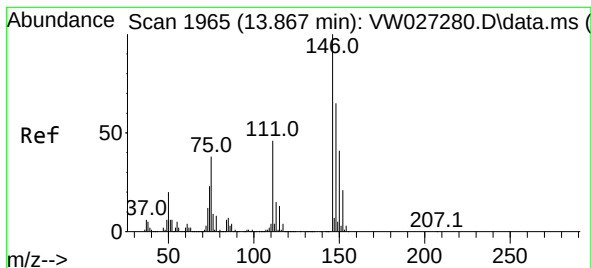
Tgt Ion:146 Resp: 357305
Ion Ratio Lower Upper
146 100
111 46.6 30.8 57.2
148 63.5 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 24.906 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027291.D
Acq: 11 Oct 2023 16:53

Tgt Ion:146 Resp: 358888
Ion Ratio Lower Upper
146 100
111 42.3 29.5 54.9
148 63.8 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 25.249 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

ClientSampleId :

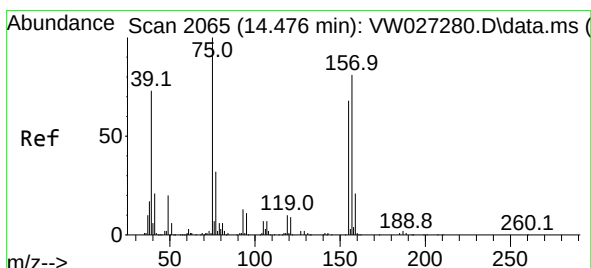
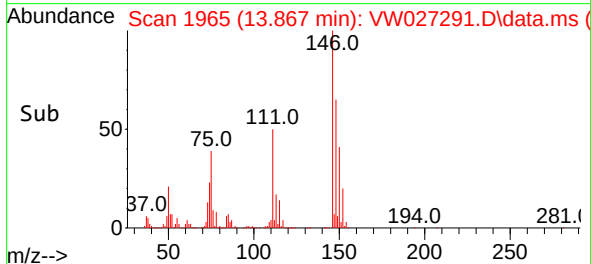
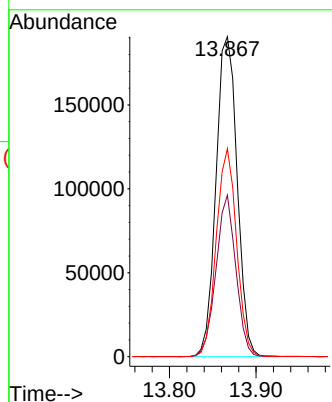
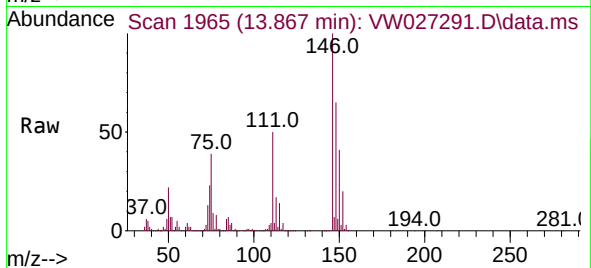
Tgt Ion:146 Resp: 323280

Ion Ratio Lower Upper

146 100

111 50.5 36.8 55.2

148 65.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 27.419 ug/L

RT: 14.477 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

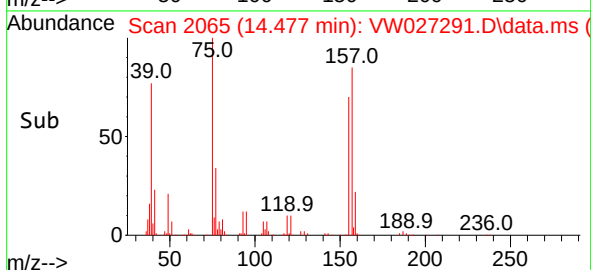
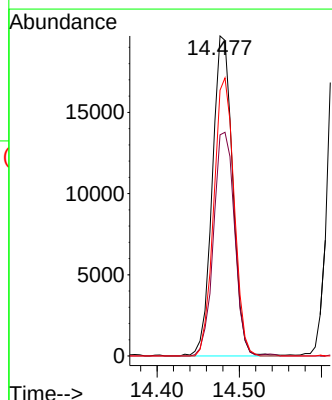
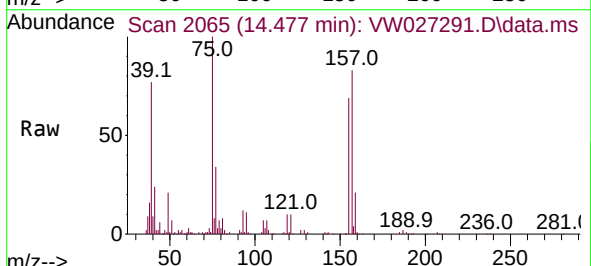
Tgt Ion: 75 Resp: 33891

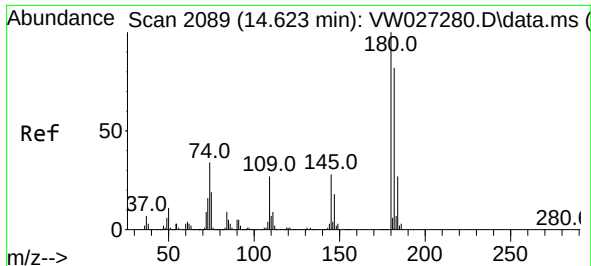
Ion Ratio Lower Upper

75 100

155 69.1 54.9 82.3

157 83.1 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 25.539 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

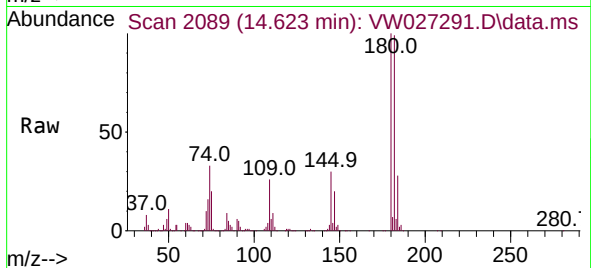
Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 239224

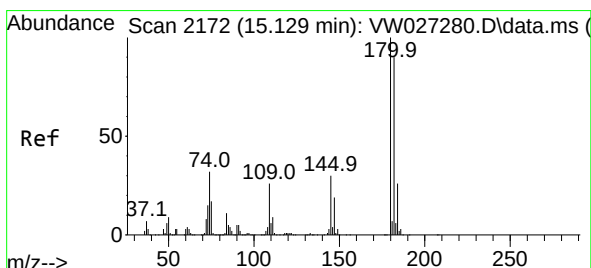
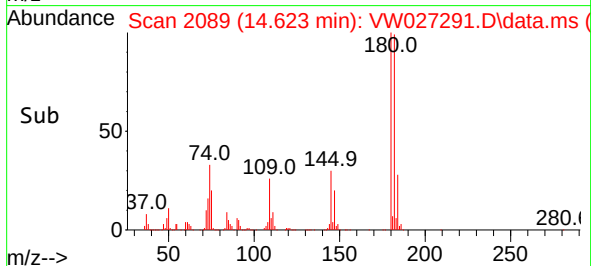
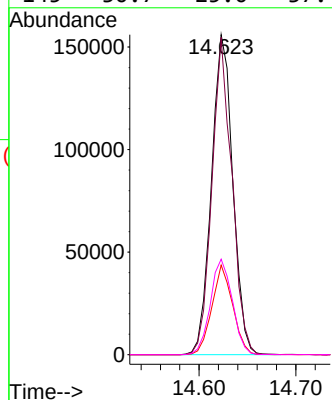
Ion Ratio Lower Upper

180 100

182 92.9 73.4 110.0

184 27.2 23.3 34.9

145 30.7 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.661 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

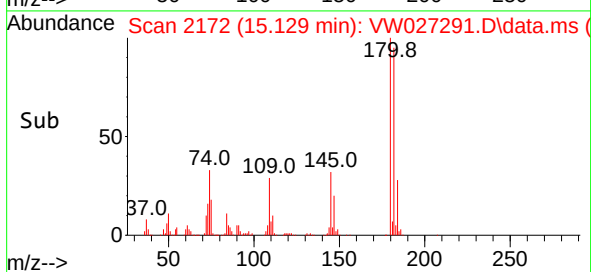
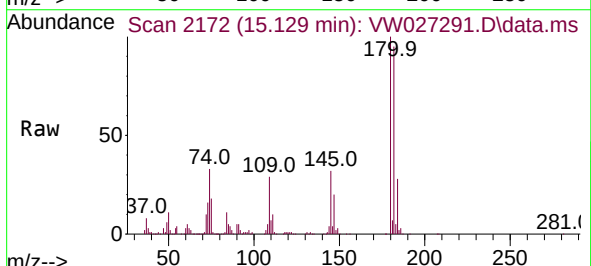
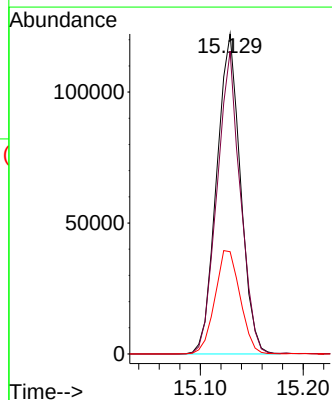
Tgt Ion:180 Resp: 196611

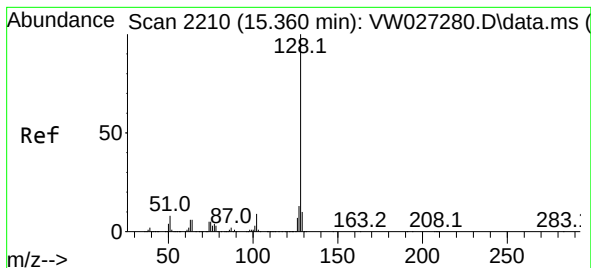
Ion Ratio Lower Upper

180 100

182 92.4 75.5 113.3

145 34.2 26.4 39.6





#71

Naphthalene

Concen: 26.297 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Instrument :

MSVOA_W

ClientSampleId :

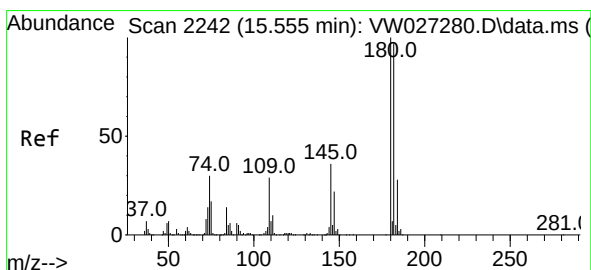
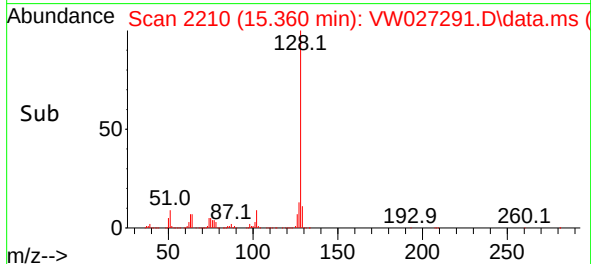
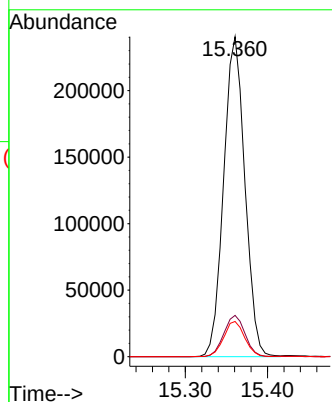
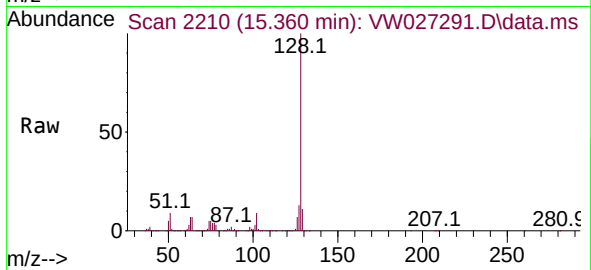
Tgt Ion:128 Resp: 431134

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.139 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.006 min

Lab File: VW027291.D

Acq: 11 Oct 2023 16:53

Tgt Ion:180 Resp: 171360

Ion Ratio Lower Upper

180 100

182 90.6 81.1 121.7

145 33.7 30.6 45.8

