

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101223\
 Data File : VW027293.D
 Acq On : 12 Oct 2023 12:32
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 12 21:54:49 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	8.837	114	517286	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	470031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	238433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	181725	23.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.080%
7) Chloroethane-d5	2.899	69	140273	24.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	4.027	65	87827	22.202	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.800%
21) 2-Butanone-d5	7.069	46	117158	44.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.300%
24) Chloroform-d	7.648	84	371906	24.122	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	8.307	65	197530	23.851	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	8.270	84	763804	24.018	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.080%
36) 1,2-Dichloropropane-d6	9.270	67	233207	24.009	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.040%
41) Toluene-d8	10.325	98	676397	23.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.575	79	105281	23.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.080%
47) 2-Hexanone-d5	10.922	63	96288	47.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	170341	23.505	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	208470	24.127	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	128085	20.811	ug/L #	83
3) Chloromethane	2.228	50	162375	22.956	ug/L	99
5) Vinyl chloride	2.381	62	172600	21.846	ug/L	97
6) Bromomethane	2.789	94	103259	22.945	ug/L	94
8) Chloroethane	2.930	64	102420	22.520	ug/L	96
9) Trichlorofluoromethane	3.265	101	127091	22.800	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	156784	22.462	ug/L	95
12) 1,1-Dichloroethene	4.045	96	154684	22.804	ug/L	99
13) Acetone	4.118	43	101156	44.634	ug/L	99
14) Carbon disulfide	4.387	76	448409	21.324	ug/L	99
15) Methyl Acetate	4.667	43	84829	21.915	ug/L	98
16) Methylene chloride	4.923	84	172289	18.195	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	166254	22.806	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	280553	22.306	ug/L	99
19) 1,1-Dichloroethane	6.216	63	345535	23.232	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	193081	23.453	ug/L	97
22) 2-Butanone	7.167	43	136438	40.220	ug/L	100
23) Bromochloromethane	7.514	128	78403	23.067	ug/L	95
25) Chloroform	7.673	83	331721	23.830	ug/L	99

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 Response via : Initial Calibration

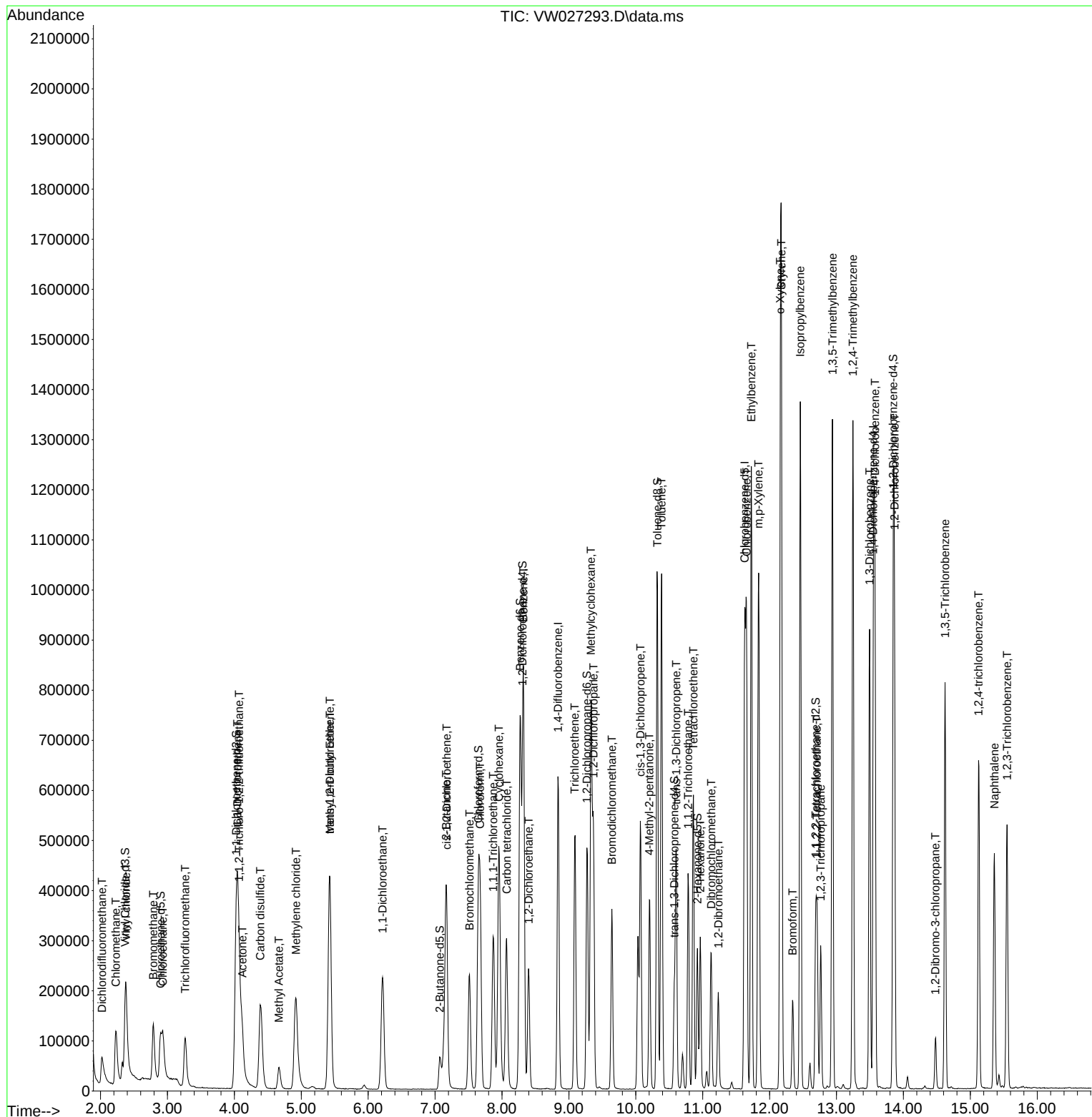
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	221392	23.413	ug/L	98
29) Cyclohexane	7.953	56	314524	22.039	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	264355	23.056	ug/L	100
31) Carbon tetrachloride	8.069	117	229742	22.222	ug/L	95
33) Benzene	8.319	78	713913	23.241	ug/L	100
34) Trichloroethene	9.087	95	186797	23.021	ug/L	96
35) Methylcyclohexane	9.331	83	324107	22.336	ug/L	100
37) 1,2-Dichloropropane	9.367	63	196304	23.635	ug/L	100
38) Bromodichloromethane	9.642	83	235695	23.078	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	315871	23.022	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	258077	45.181	ug/L	99
42) Toluene	10.386	91	741417	23.008	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	264404	22.839	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	135902	23.778	ug/L	99
46) Tetrachloroethene	10.861	164	127669	22.787	ug/L	95
48) 2-Hexanone	10.965	43	194301	45.959	ug/L	100
49) Dibromochloromethane	11.129	129	146363	23.058	ug/L	98
50) 1,2-Dibromoethane	11.233	107	128267	23.147	ug/L	97
51) Chlorobenzene	11.654	112	481035	23.838	ug/L	95
52) Ethylbenzene	11.727	91	879039	23.474	ug/L	97
53) m,p-Xylene	11.837	106	325635	22.927	ug/L	96
54) o-Xylene	12.160	106	315337	23.185	ug/L	99
55) Styrene	12.178	104	555108	23.898	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	162436	23.281	ug/L	97
59) Bromoform	12.343	173	81735	23.037	ug/L	97
60) Isopropylbenzene	12.458	105	868361	23.183	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	118987	22.855	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	716791	22.942	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	729573	23.866	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	363477	23.930	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	360458	23.763	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	315098	23.378	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	28703	22.060	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	228194	23.143	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	198869	23.696	ug/L	99
71) Naphthalene	15.360	128	399297	23.136	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	167433	24.262	ug/L	94

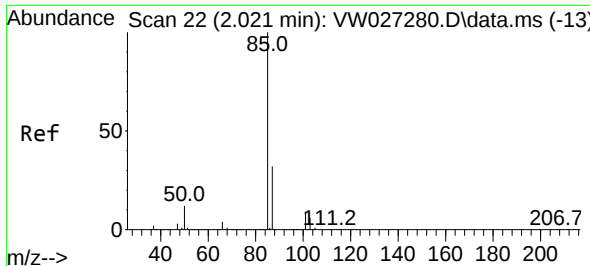
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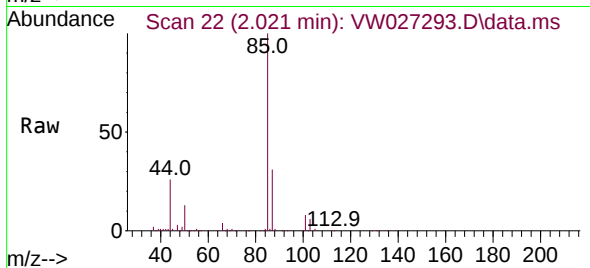
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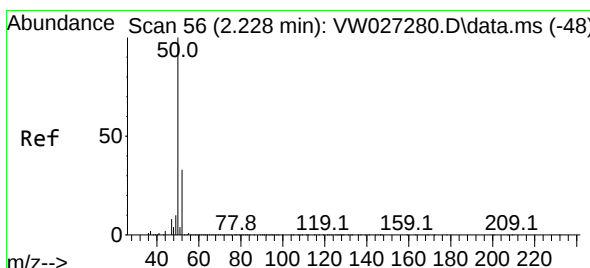
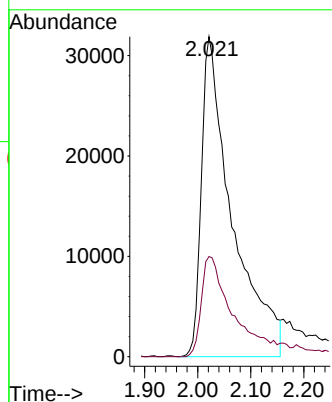
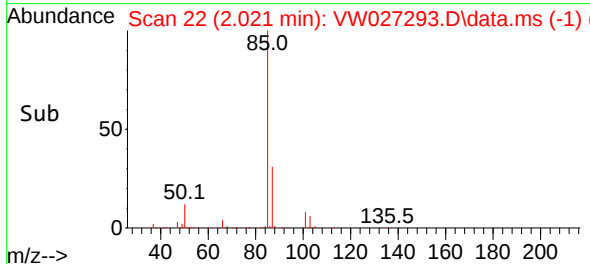


#2
 Dichlorodifluoromethane
 Concen: 20.811 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027293.D
 Acq: 12 Oct 2023 12:32

Instrument :
 MSVOA_W
 ClientSampleId :

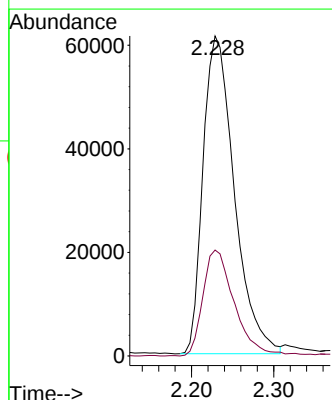
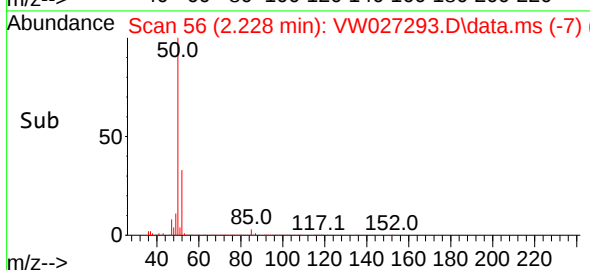
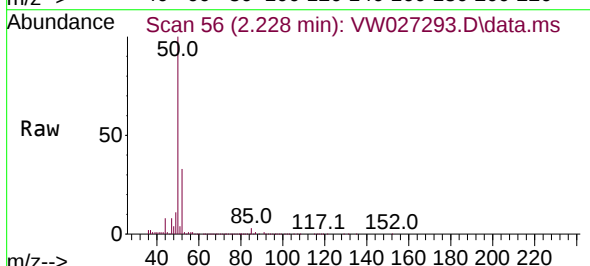


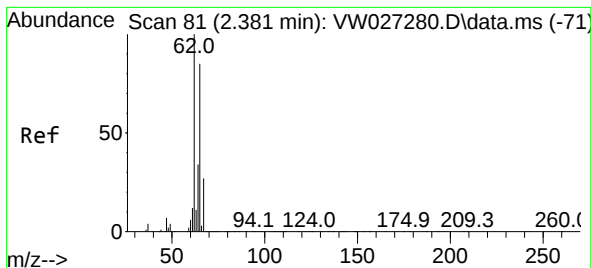
Tgt Ion: 85 Resp: 128085
 Ion Ratio Lower Upper
 85 100
 87 31.3 18.3 27.5#



#3
 Chloromethane
 Concen: 22.956 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW027293.D
 Acq: 12 Oct 2023 12:32

Tgt Ion: 50 Resp: 162375
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.3





#5

Vinyl chloride

Concen: 21.846 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

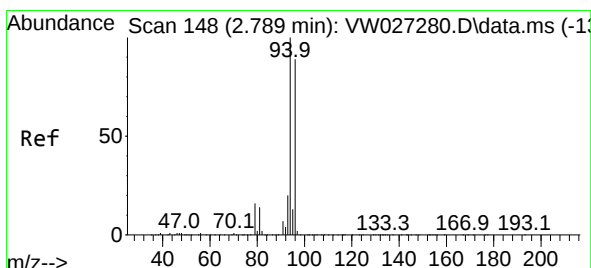
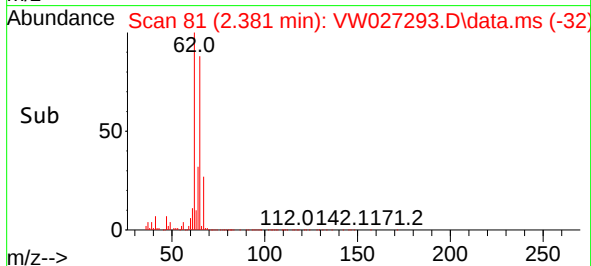
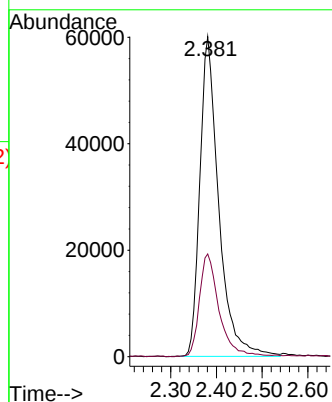
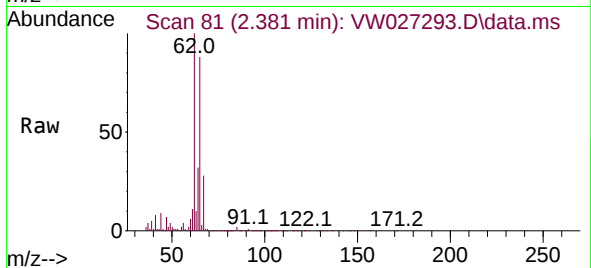
ClientSampleId :

Tgt Ion: 62 Resp: 172600

Ion Ratio Lower Upper

62 100

64 32.1 23.8 44.2



#6

Bromomethane

Concen: 22.945 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW027293.D

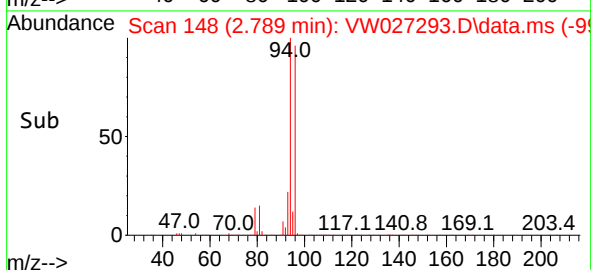
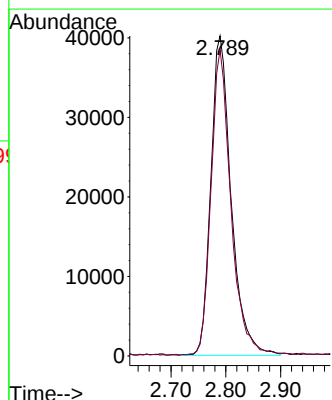
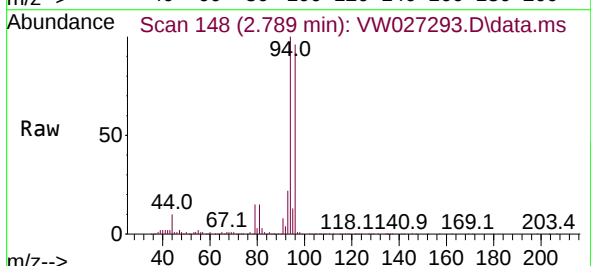
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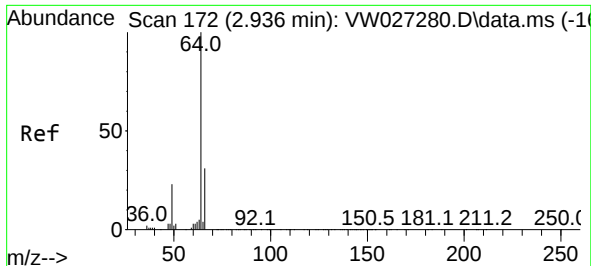
Tgt Ion: 94 Resp: 103259

Ion Ratio Lower Upper

94 100

96 95.7 62.9 116.9

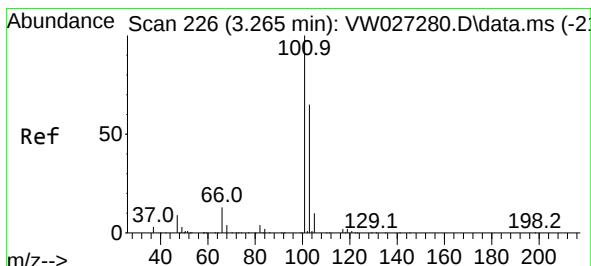
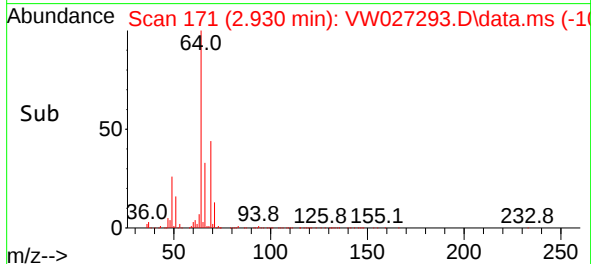
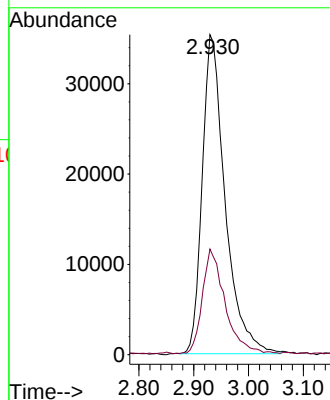
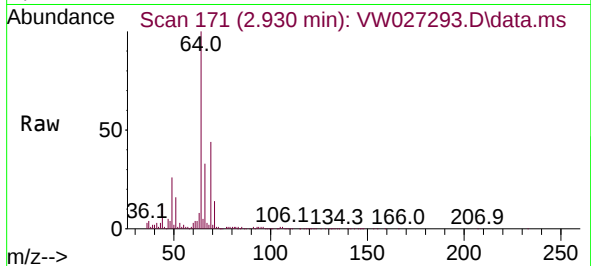




#8
Chloroethane
Concen: 22.520 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

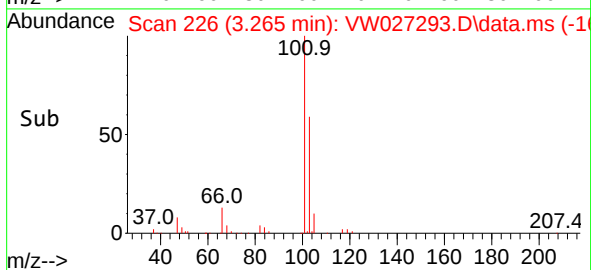
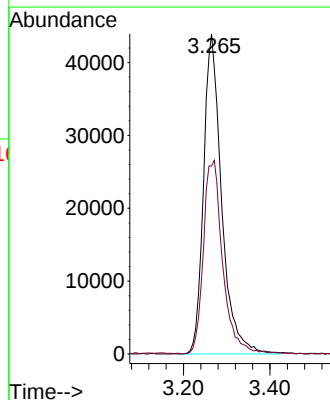
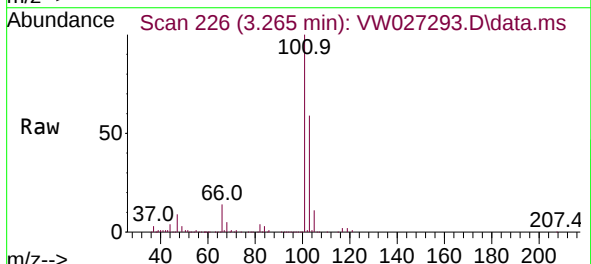
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MSVOA_W
ClientSampleId :

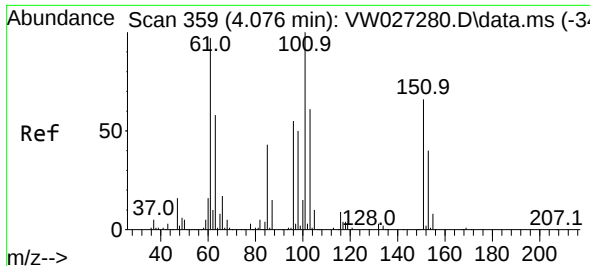
Tgt Ion: 64 Resp: 102420
Ion Ratio Lower Upper
64 100
66 33.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.800 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion:101 Resp: 127091
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

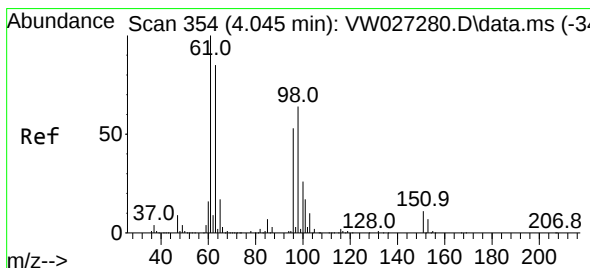
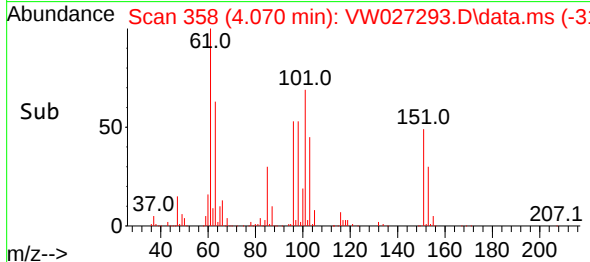
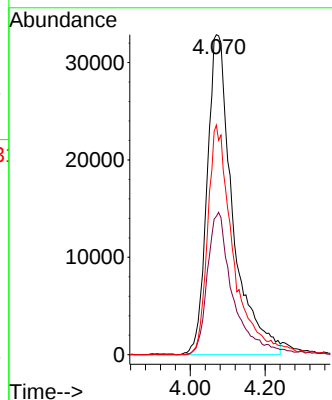
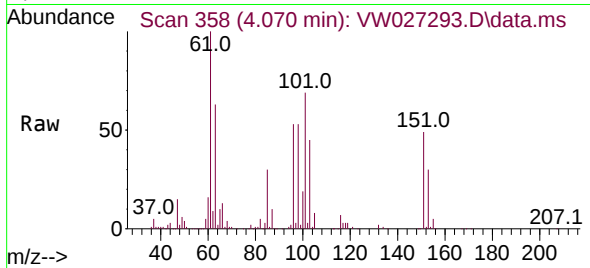




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.462 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027293.D
 Acq: 12 Oct 2023 12:32

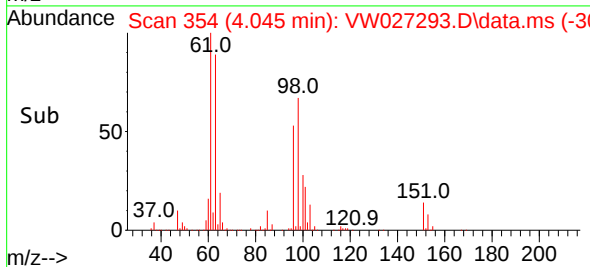
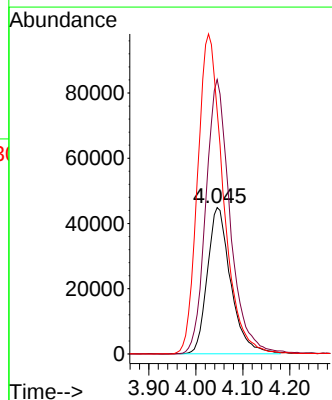
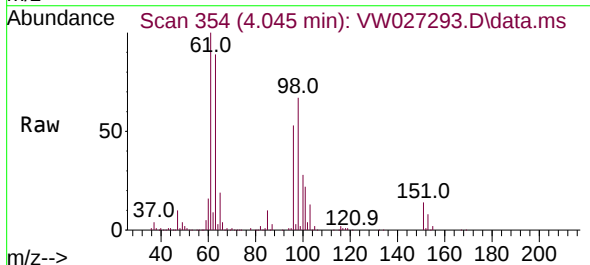
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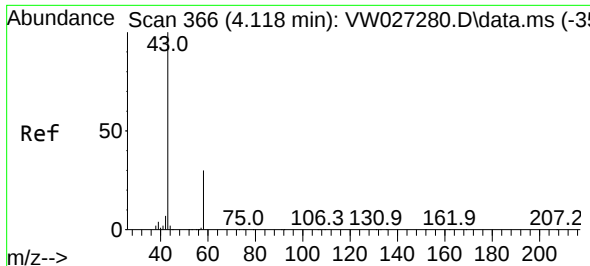
Tgt Ion:101 Resp: 156784
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.1 51.1
 151 68.9 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 22.804 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027293.D
 Acq: 12 Oct 2023 12:32

Tgt Ion: 96 Resp: 154684
 Ion Ratio Lower Upper
 96 100
 61 187.4 133.3 247.5
 63 165.9 115.8 215.2

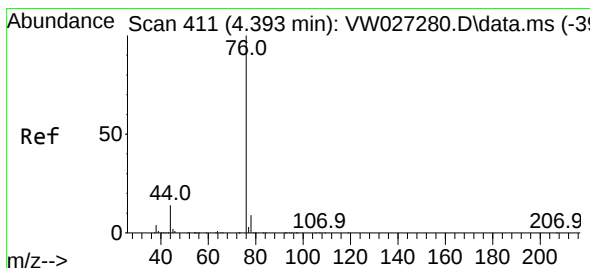
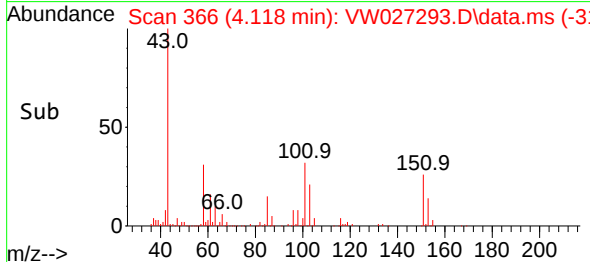
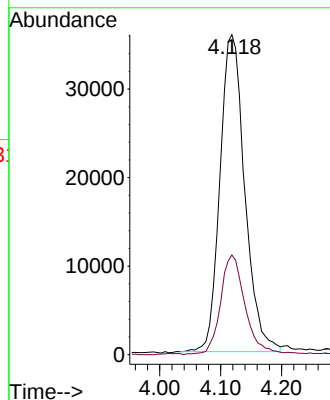
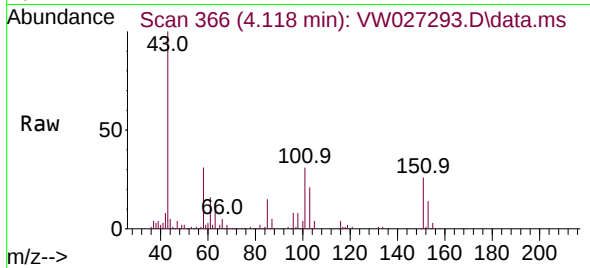




#13
Acetone
Concen: 44.634 ug/L
RT: 4.118 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

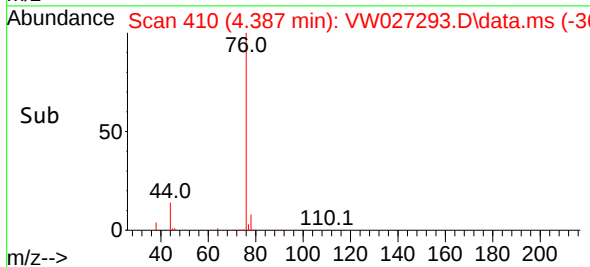
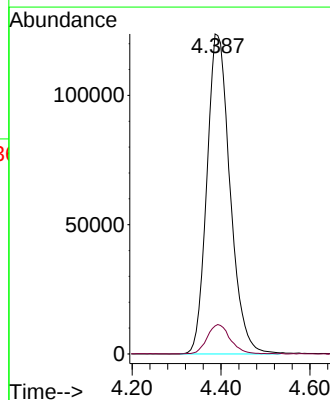
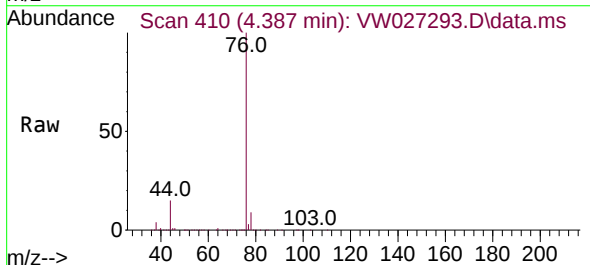
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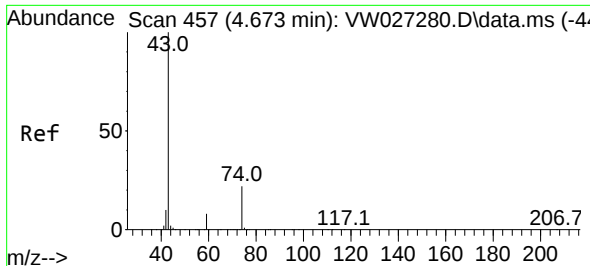
Tgt Ion: 43 Resp: 101156
Ion Ratio Lower Upper
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58 31.1 0.0 60.8



#14
Carbon disulfide
Concen: 21.324 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion: 76 Resp: 448409
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

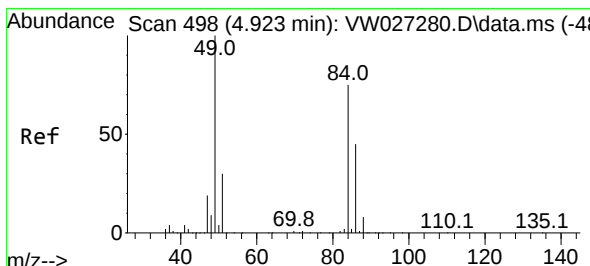
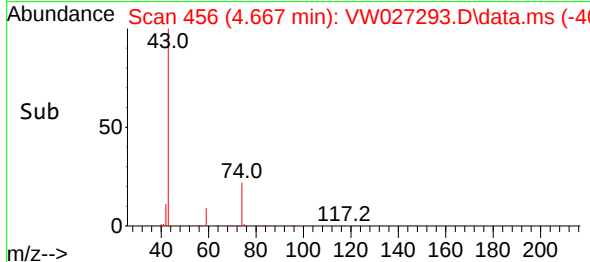
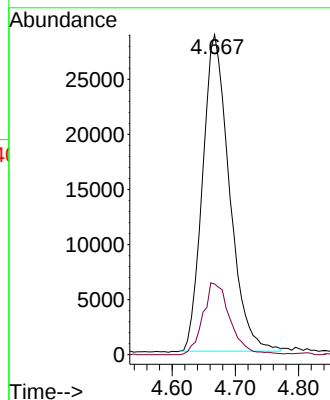
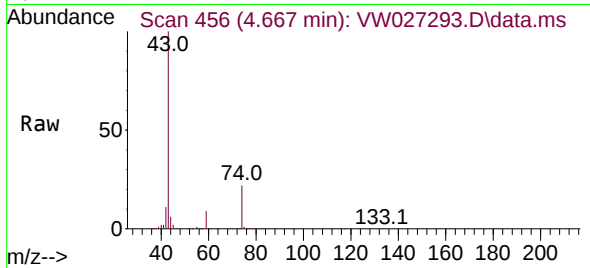




#15
Methyl Acetate
Concen: 21.915 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

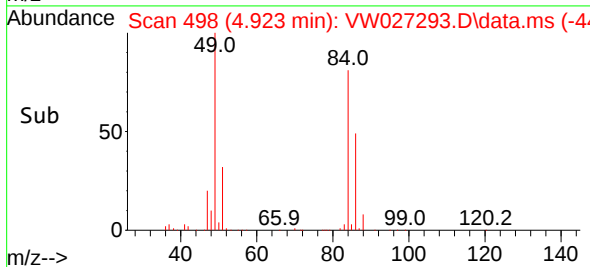
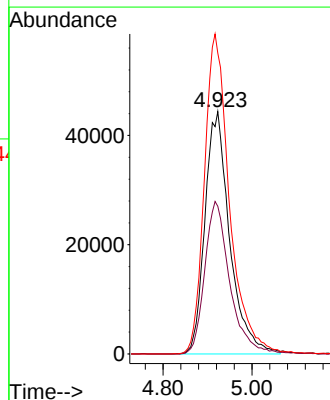
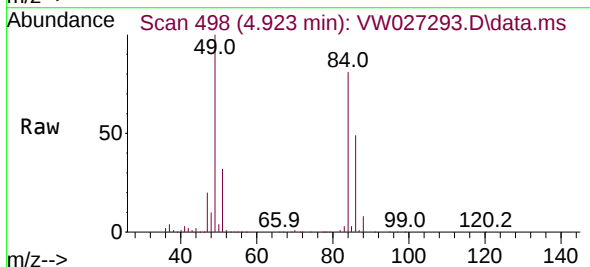
Instrument :
MSVOA_W
ClientSampleId :

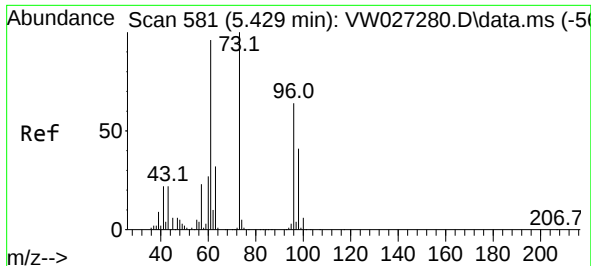
Tgt Ion: 43 Resp: 84829
Ion Ratio Lower Upper
43 100
74 23.0 17.5 26.3



#16
Methylene chloride
Concen: 18.195 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion: 84 Resp: 172289
Ion Ratio Lower Upper
84 100
86 60.9 41.3 76.7
49 124.1 92.8 172.4

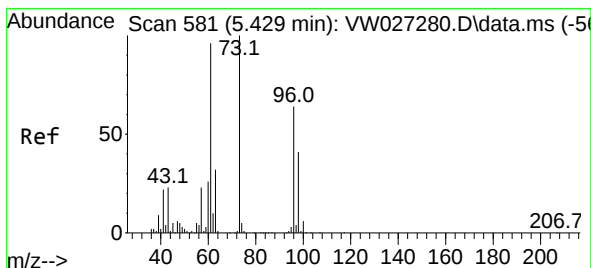
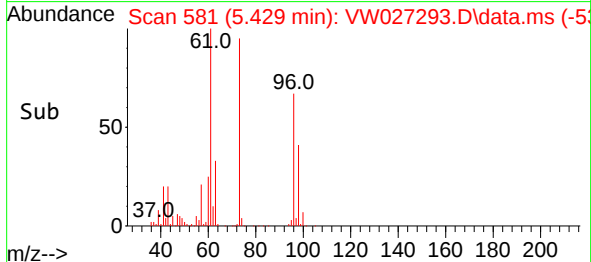
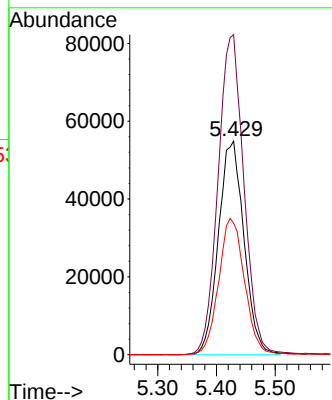
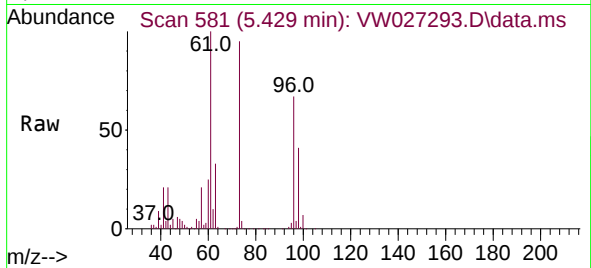




#17
trans-1,2-Dichloroethene
Concen: 22.806 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

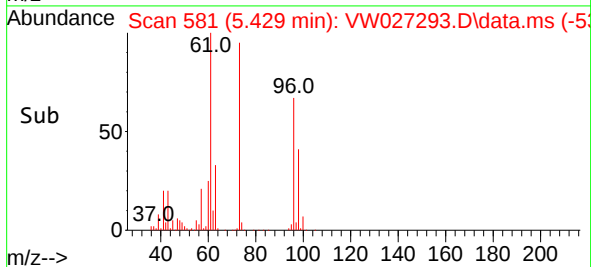
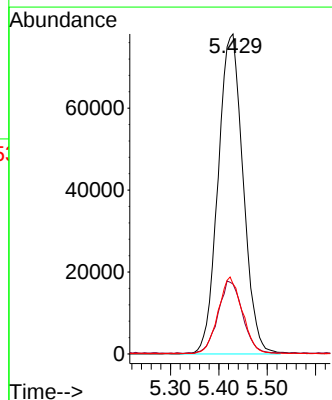
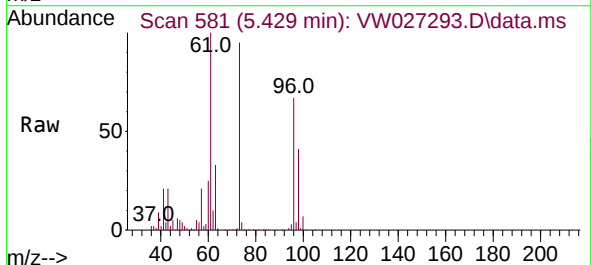
Instrument :
MSVOA_W
ClientSampleId :

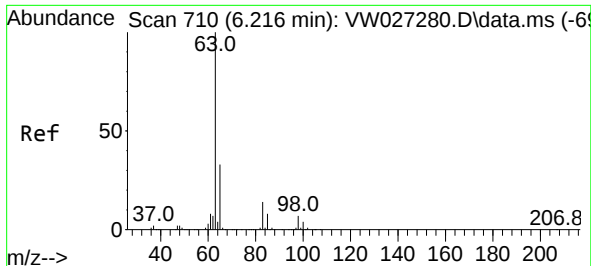
Tgt Ion: 96 Resp: 166254
Ion Ratio Lower Upper
96 100
61 149.8 105.6 196.0
98 61.6 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 22.306 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion: 73 Resp: 280553
Ion Ratio Lower Upper
73 100
43 21.8 17.7 26.5
57 22.9 18.5 27.7





#19

1,1-Dichloroethane

Concen: 23.232 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

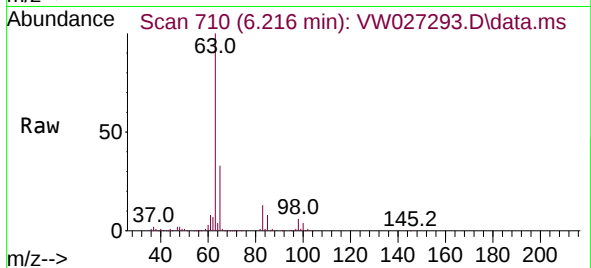
Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :



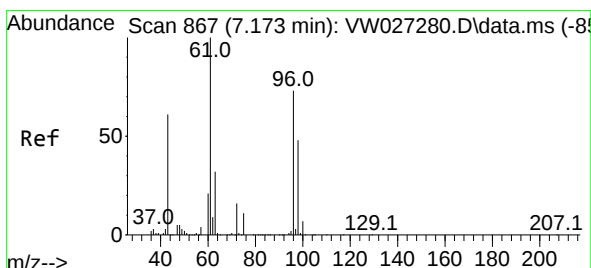
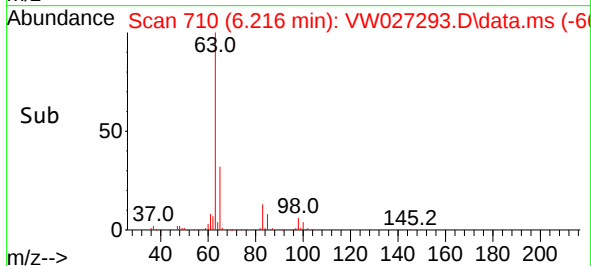
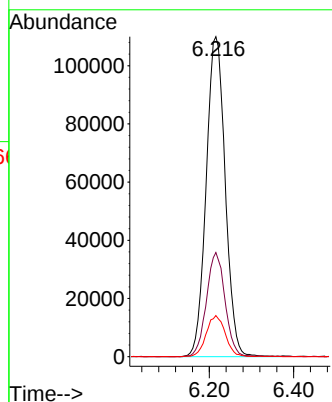
Tgt Ion: 63 Resp: 345535

Ion Ratio Lower Upper

63 100

65 32.5 22.9 42.5

83 12.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 23.453 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

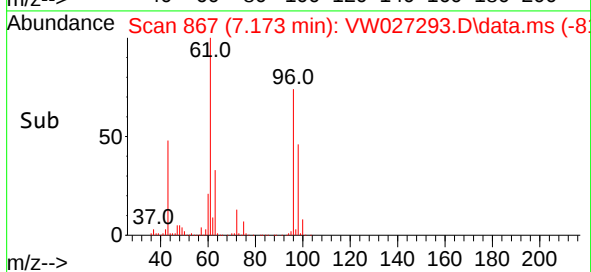
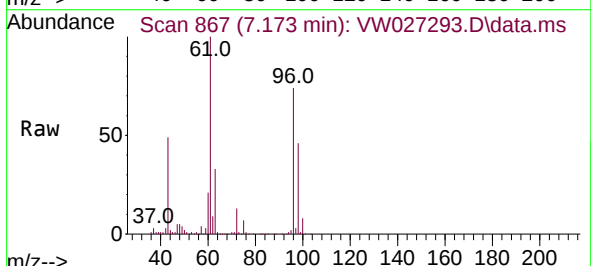
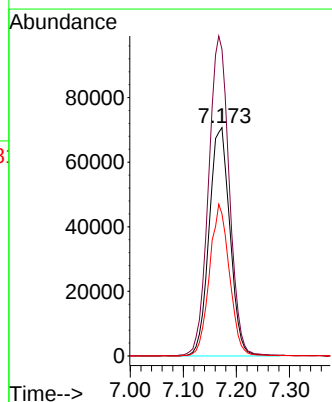
Tgt Ion: 96 Resp: 193081

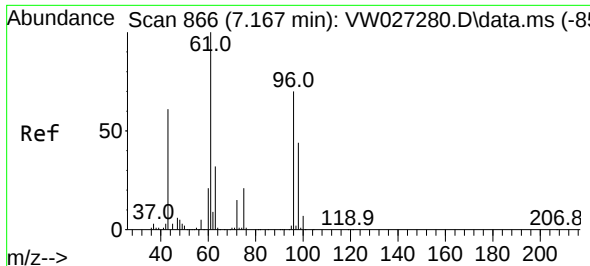
Ion Ratio Lower Upper

96 100

61 134.3 96.2 178.8

98 62.2 46.0 85.4

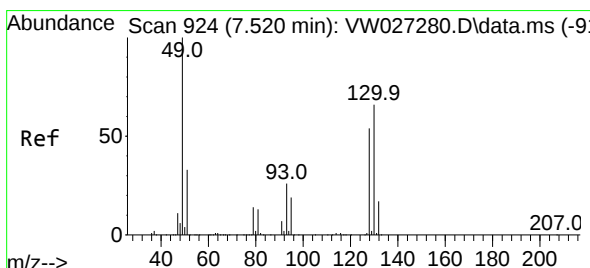
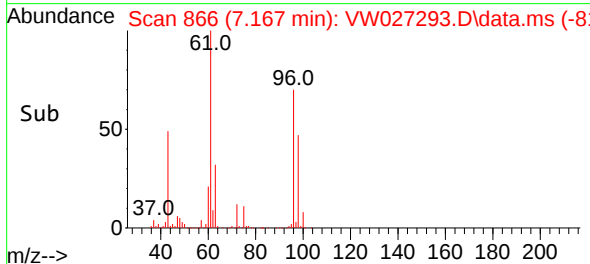
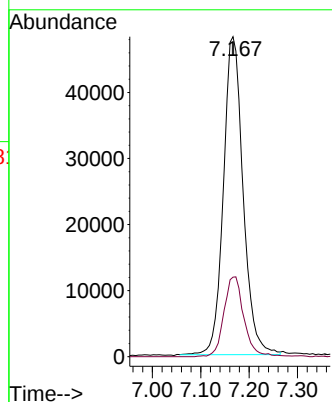
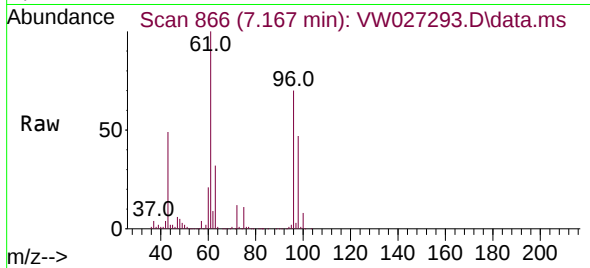




#22
2-Butanone
Concen: 40.220 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

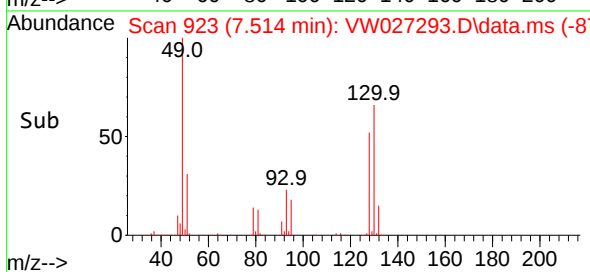
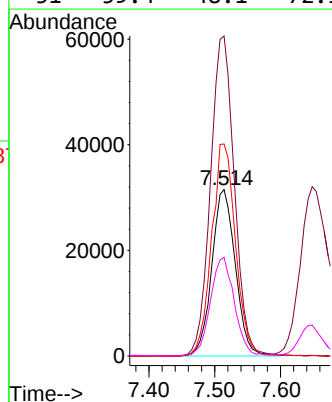
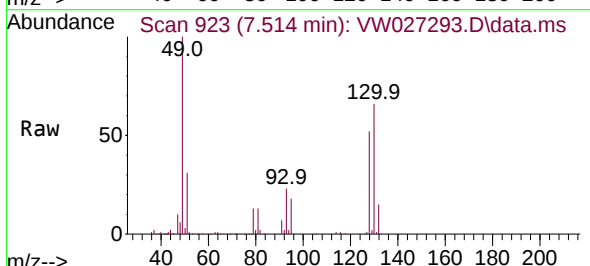
Instrument :
MSVOA_W
ClientSampleId :

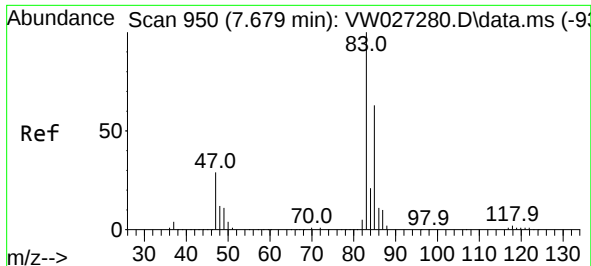
Tgt Ion: 43 Resp: 136438
Ion Ratio Lower Upper
43 100
72 24.4 12.3 36.8



#23
Bromochloromethane
Concen: 23.067 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion:128 Resp: 78403
Ion Ratio Lower Upper
128 100
49 192.4 128.9 239.5
130 127.5 85.0 157.8
51 59.4 48.1 72.1

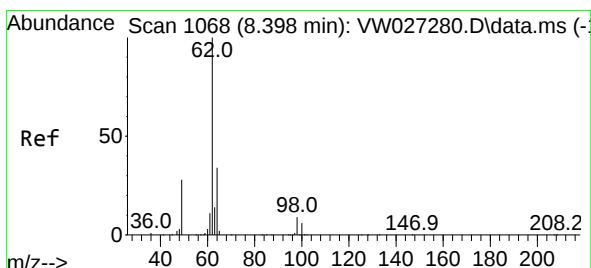
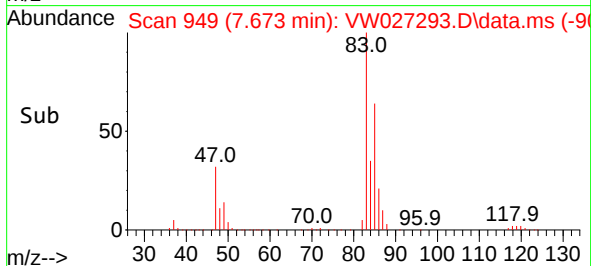
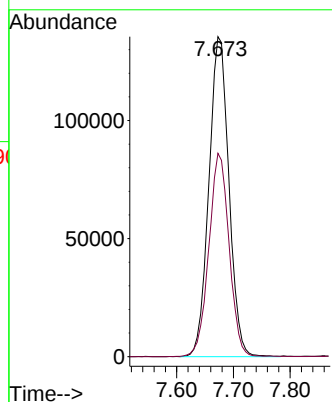
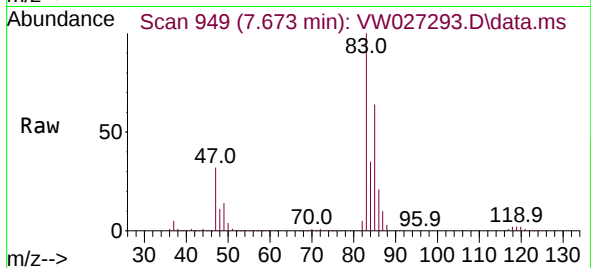




#25
Chloroform
Concen: 23.830 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

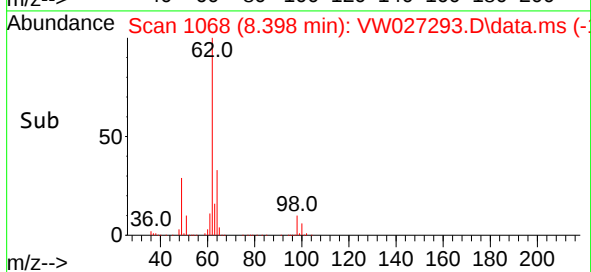
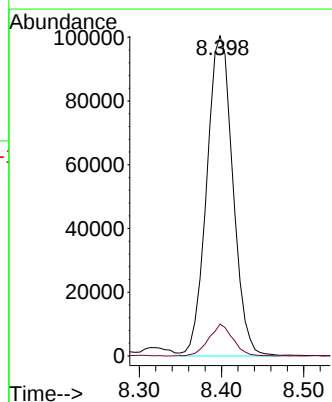
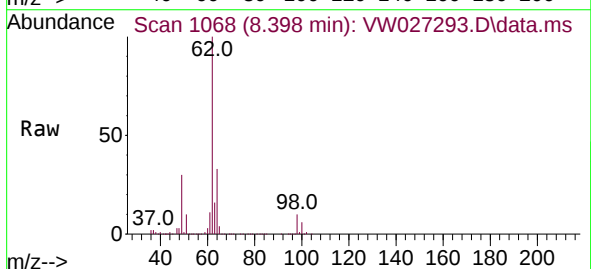
Instrument :
MSVOA_W
ClientSampleId :

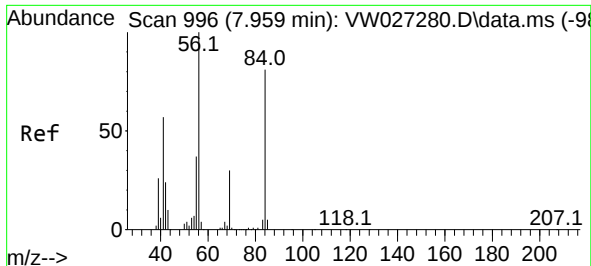
Tgt Ion: 83 Resp: 331721
Ion Ratio Lower Upper
83 100
85 63.5 44.1 81.9



#27
1,2-Dichloroethane
Concen: 23.413 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion: 62 Resp: 221392
Ion Ratio Lower Upper
62 100
98 10.0 7.5 11.3





#29

Cyclohexane

Concen: 22.039 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

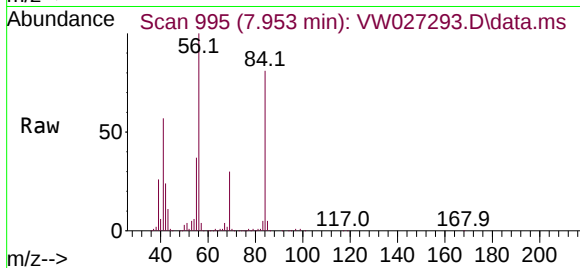
Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :



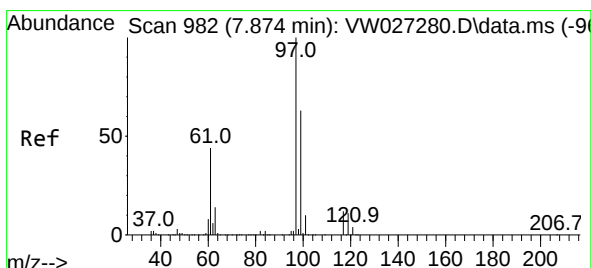
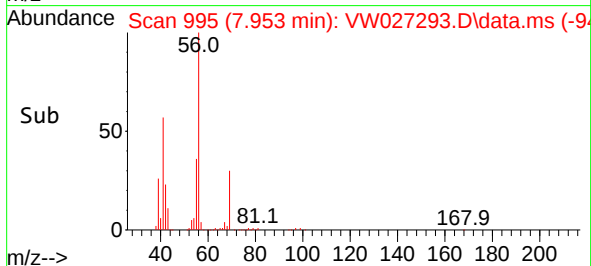
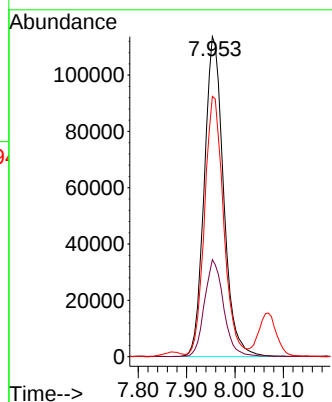
Tgt Ion: 56 Resp: 314524

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.4

84 80.7 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 23.056 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

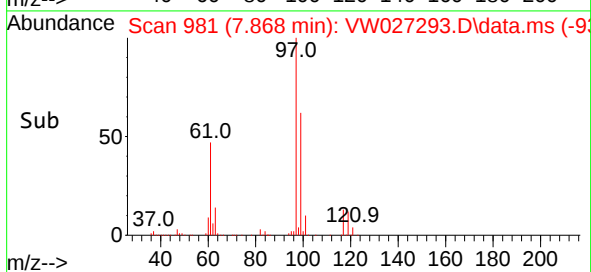
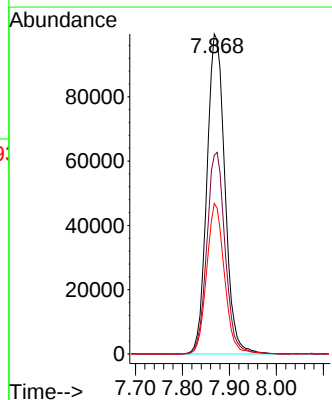
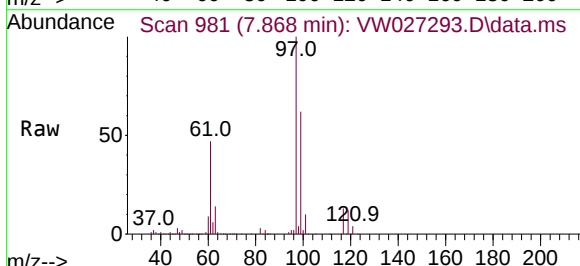
Tgt Ion: 97 Resp: 264355

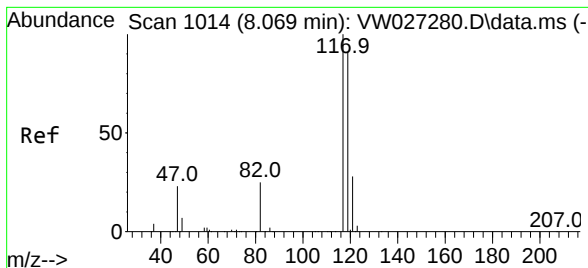
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 46.3 37.4 56.0





#31

Carbon tetrachloride

Concen: 22.222 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

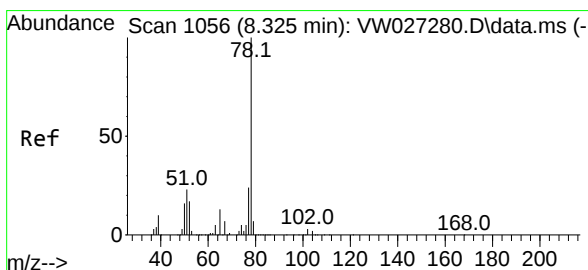
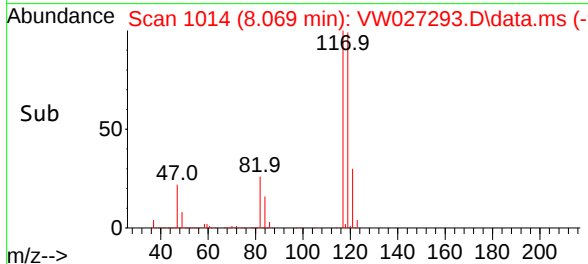
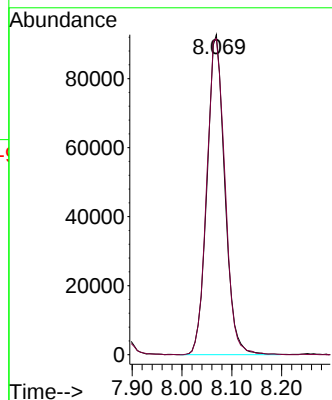
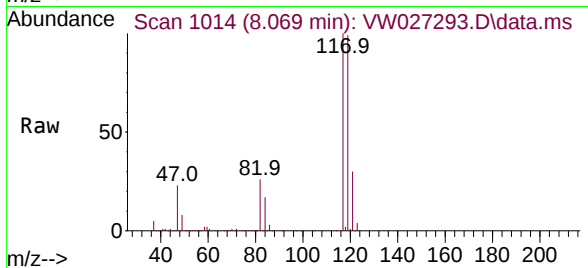
ClientSampleId :

Tgt Ion:117 Resp: 229742

Ion Ratio Lower Upper

117 100

119 101.0 77.1 115.7



#33

Benzene

Concen: 23.241 ug/L

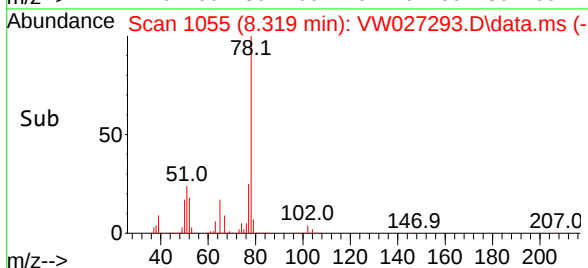
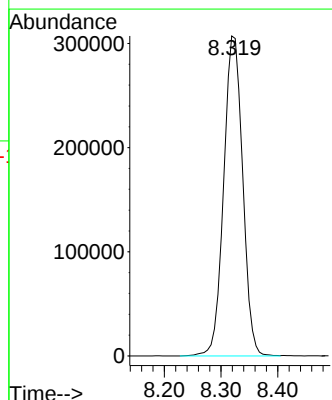
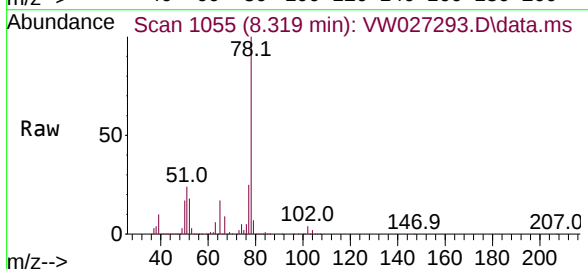
RT: 8.319 min Scan# 1055

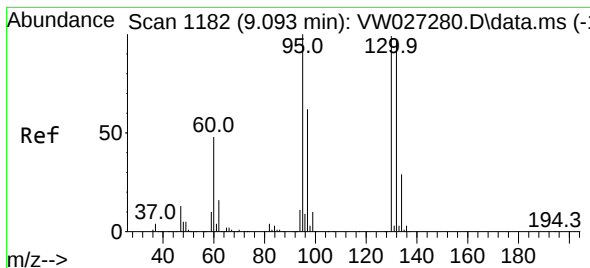
Delta R.T. -0.006 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Tgt Ion: 78 Resp: 713913





#34

Trichloroethene

Concen: 23.021 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 186797

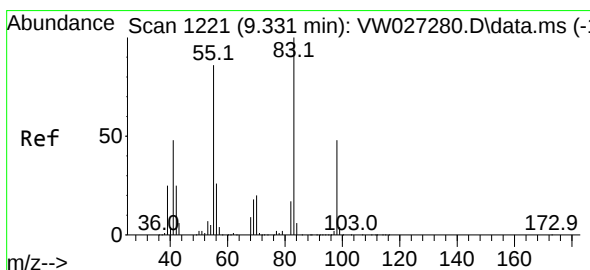
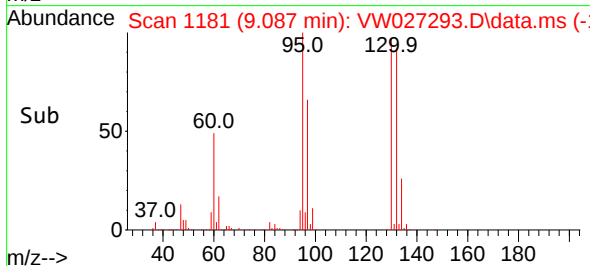
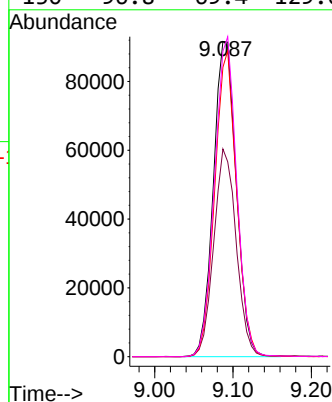
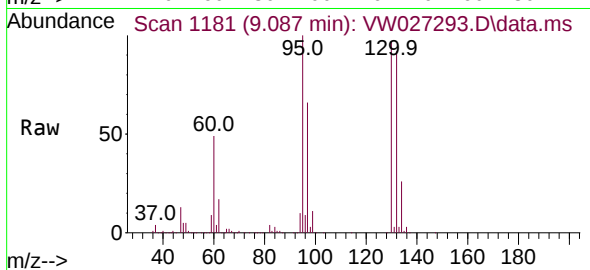
Ion Ratio Lower Upper

95 100

97 65.9 43.4 80.6

132 91.8 67.6 125.6

130 96.8 69.4 129.0



#35

Methylcyclohexane

Concen: 22.336 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

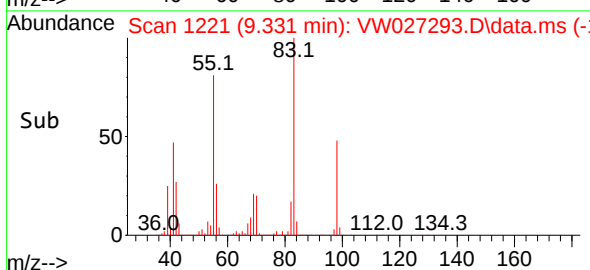
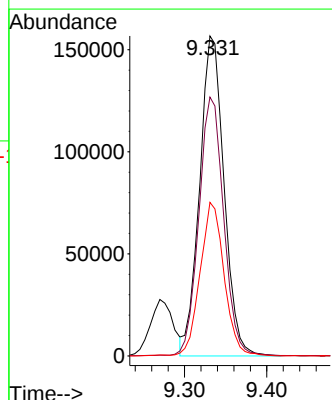
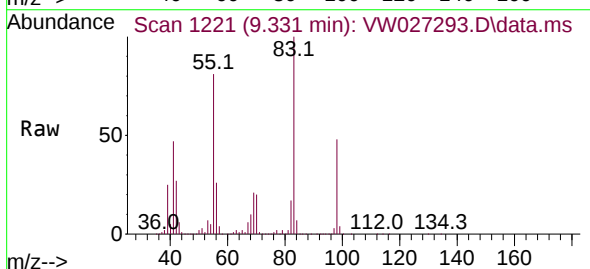
Tgt Ion: 83 Resp: 324107

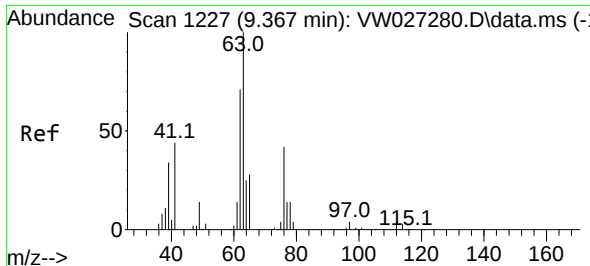
Ion Ratio Lower Upper

83 100

55 82.0 65.8 98.8

98 47.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 23.635 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

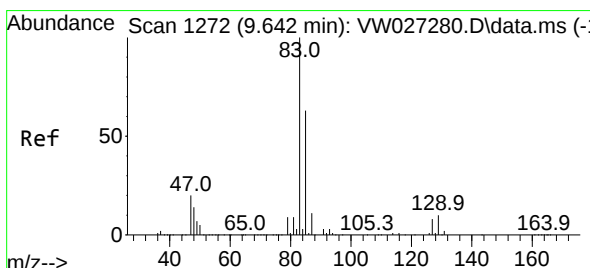
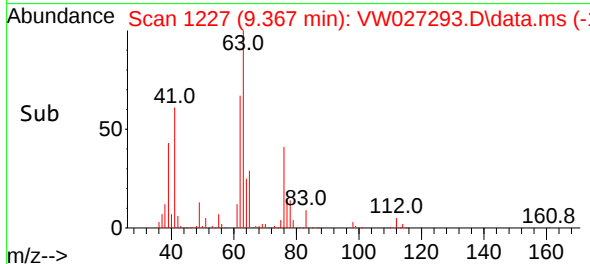
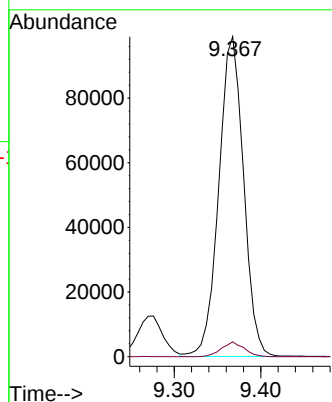
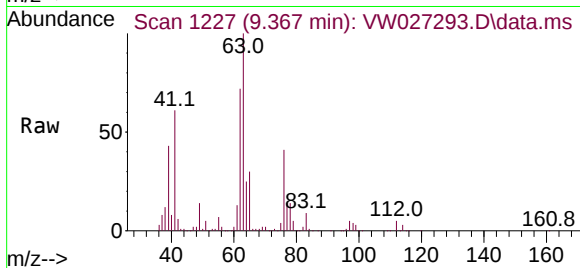
ClientSampleId :

Tgt Ion: 63 Resp: 196304

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 23.078 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

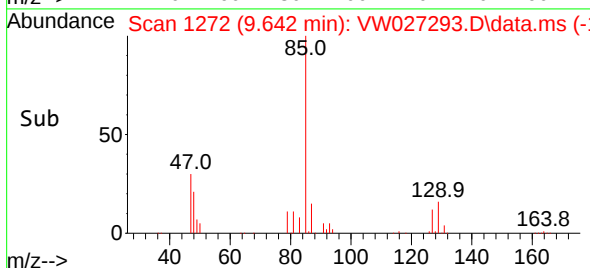
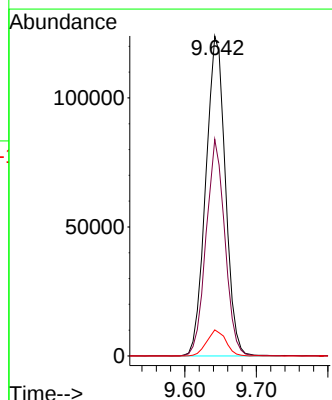
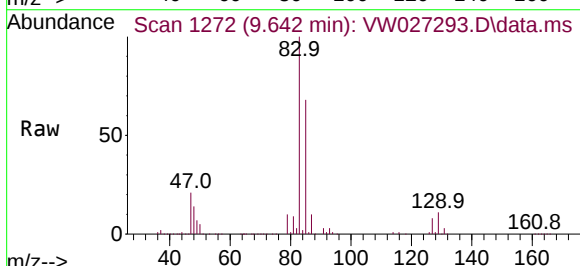
Tgt Ion: 83 Resp: 235695

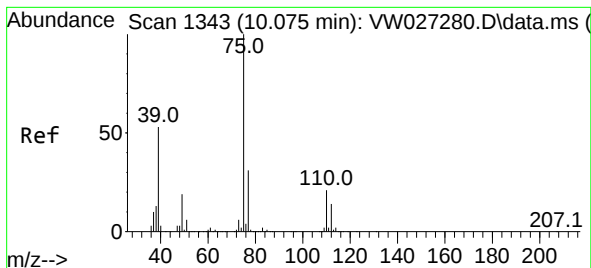
Ion Ratio Lower Upper

83 100

85 67.7 43.9 81.5

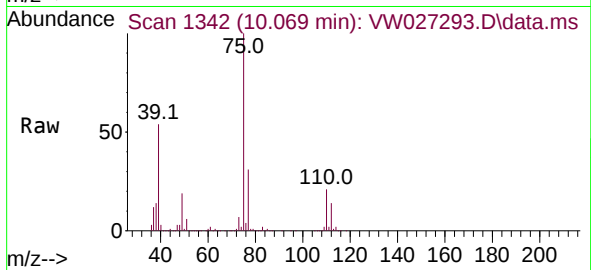
127 8.1 6.2 9.2



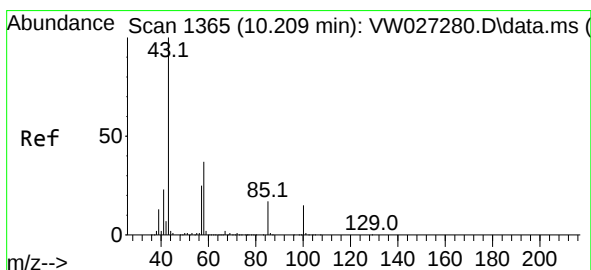
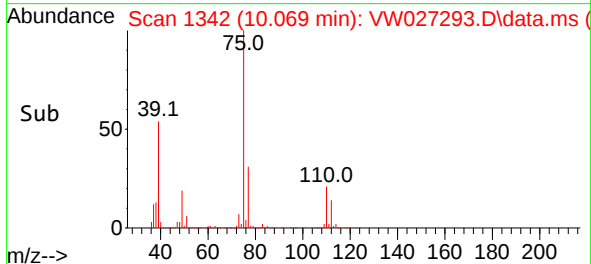
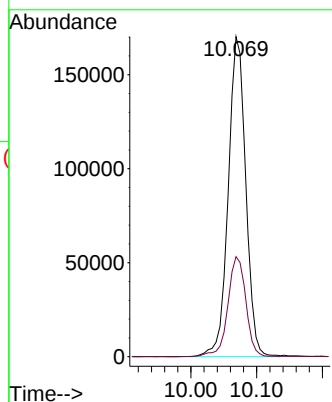


#39
 cis-1,3-Dichloropropene
 Concen: 23.022 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: VW027293.D
 Acq: 12 Oct 2023 12:32

Instrument :
 MSVOA_W
 ClientSampleId :

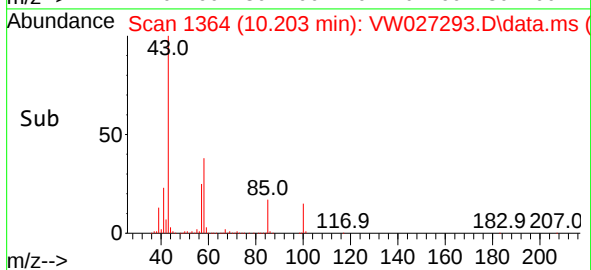
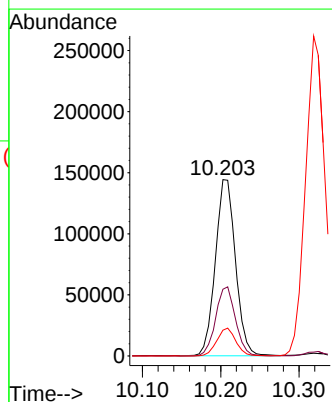
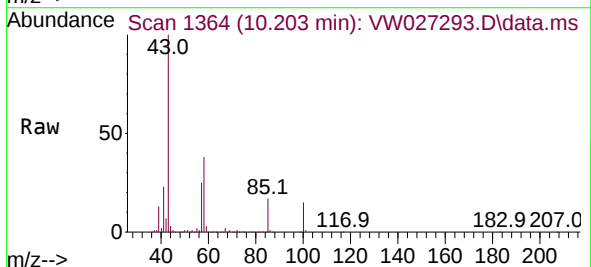


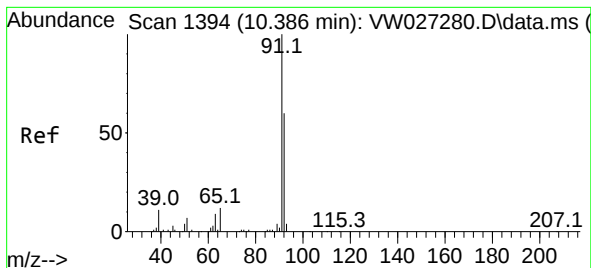
Tgt Ion: 75 Resp: 315871
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 45.181 ug/L
 RT: 10.203 min Scan# 1364
 Delta R.T. -0.006 min
 Lab File: VW027293.D
 Acq: 12 Oct 2023 12:32

Tgt Ion: 43 Resp: 258077
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.5 45.7
 100 14.9 11.5 17.3





#42

Toluene

Concen: 23.008 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

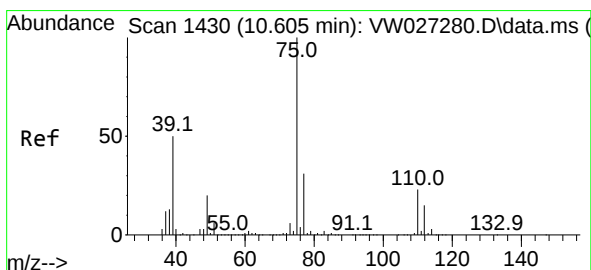
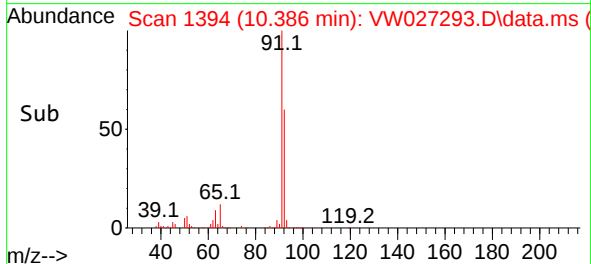
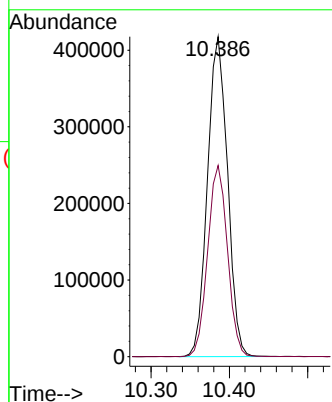
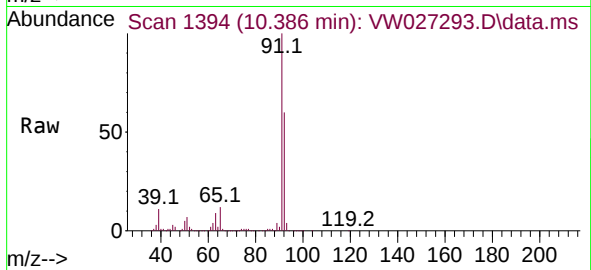
ClientSampleId :

Tgt Ion: 91 Resp: 741417

Ion Ratio Lower Upper

91 100

92 59.8 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 22.839 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027293.D

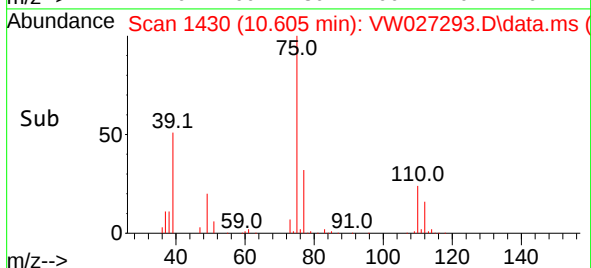
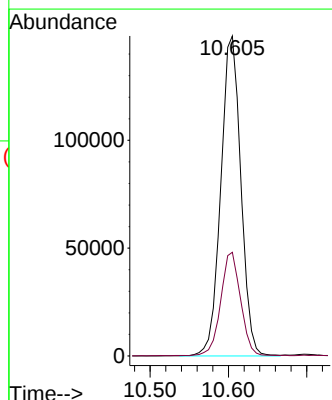
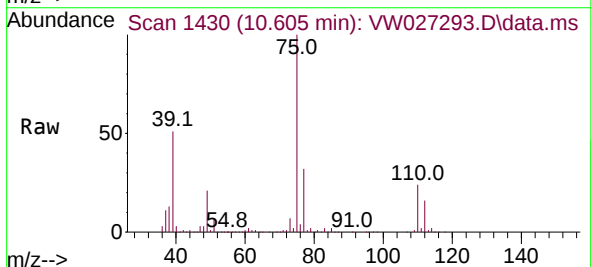
Acq: 12 Oct 2023 12:32

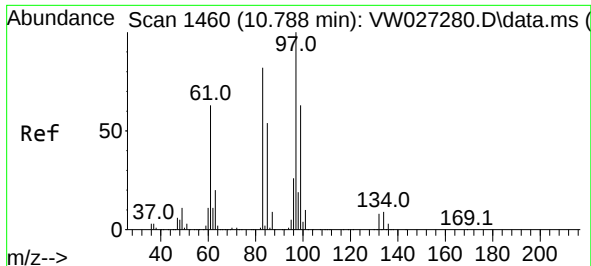
Tgt Ion: 75 Resp: 264404

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



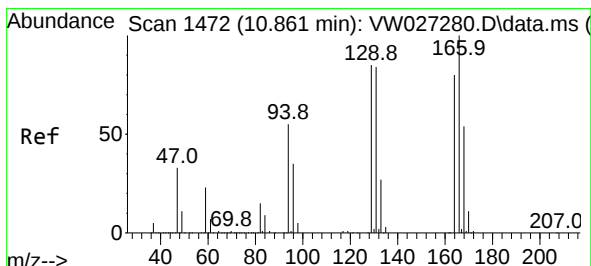
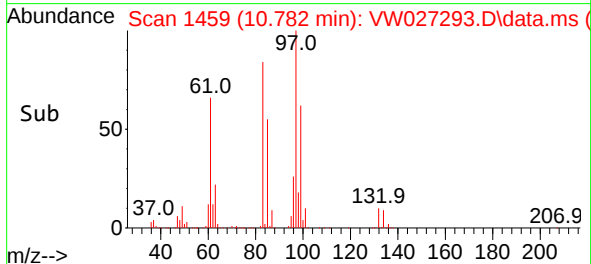
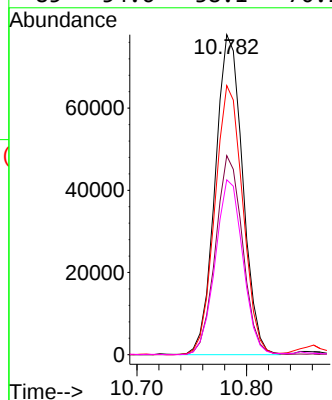
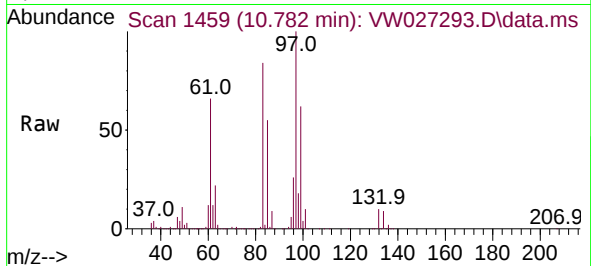


#45
1,1,2-Trichloroethane
Concen: 23.778 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 135902

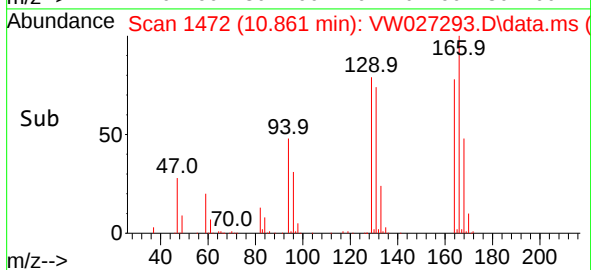
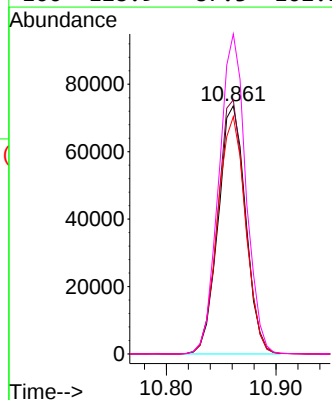
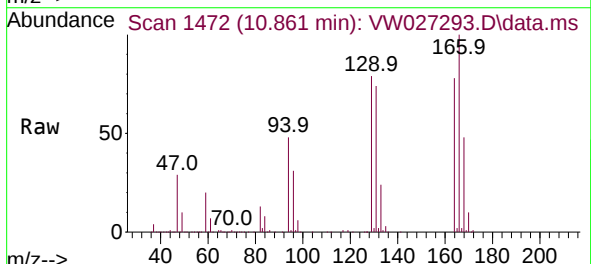
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.4
83	84.1	57.5	106.7
85	54.6	38.1	70.9

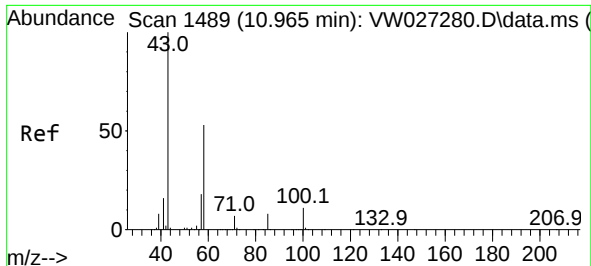


#46
Tetrachloroethene
Concen: 22.787 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion: 164 Resp: 127669

Ion	Ratio	Lower	Upper
164	100		
129	102.4	74.7	138.7
131	95.6	73.2	136.0
166	128.9	87.3	162.1

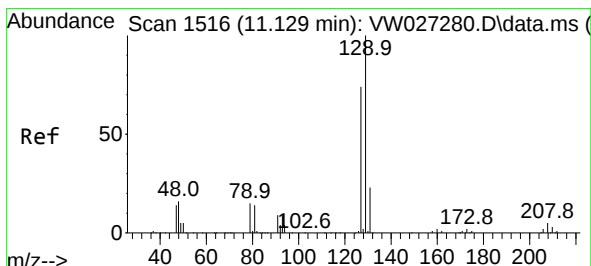
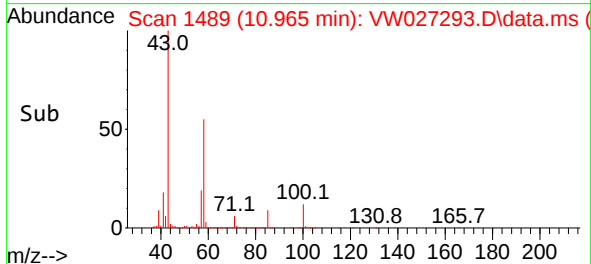
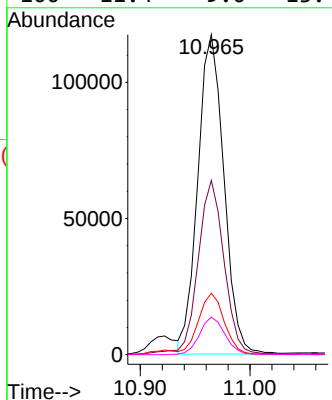
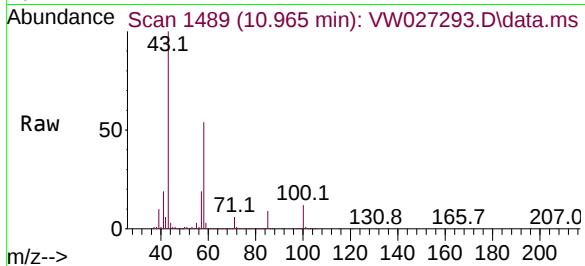




#48
2-Hexanone
Concen: 45.959 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

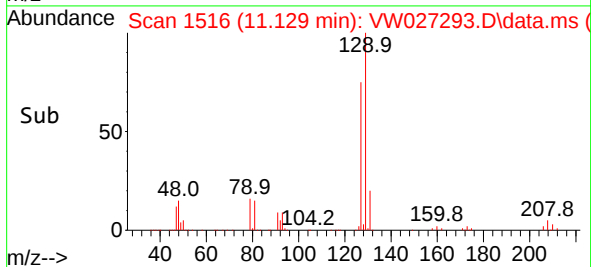
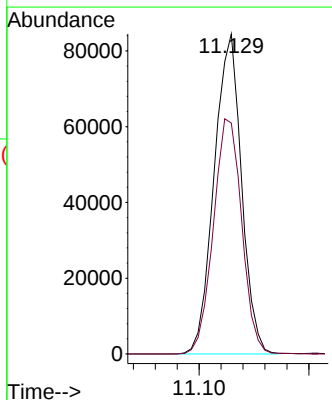
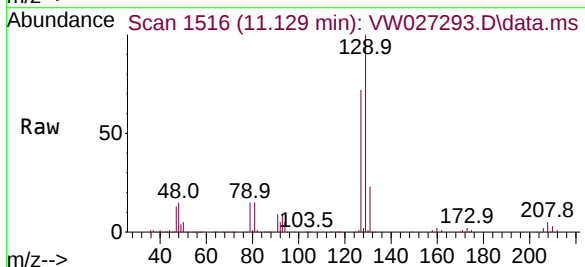
Instrument :
MSVOA_W
ClientSampleId :

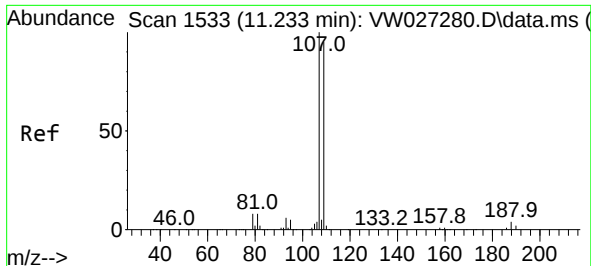
Tgt Ion: 43 Resp: 194301
Ion Ratio Lower Upper
43 100
58 52.8 42.2 63.4
57 18.6 15.1 22.7
100 11.4 9.0 13.4



#49
Dibromochloromethane
Concen: 23.058 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion: 129 Resp: 146363
Ion Ratio Lower Upper
129 100
127 72.1 51.7 95.9





#50

1,2-Dibromoethane

Concen: 23.147 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

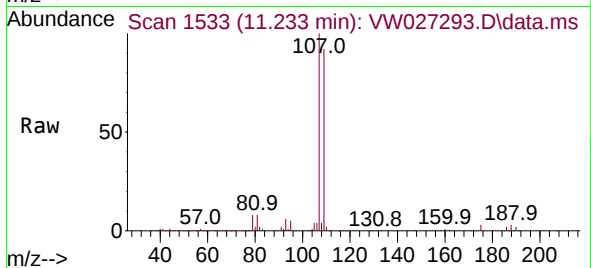
Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :



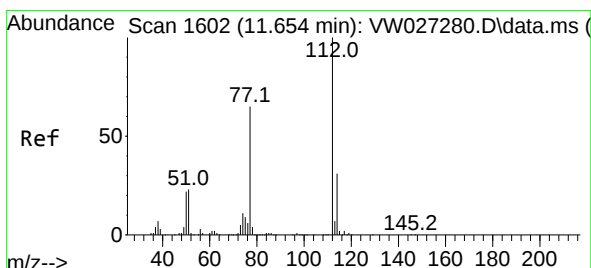
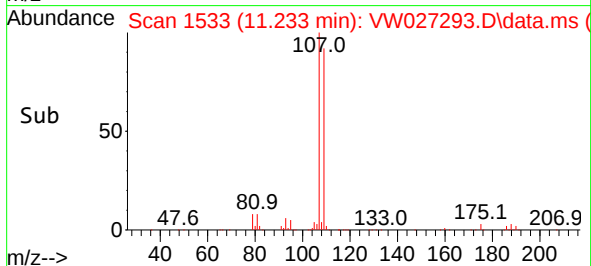
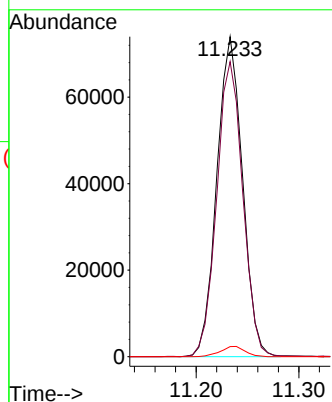
Tgt Ion:107 Resp: 128267

Ion Ratio Lower Upper

107 100

109 92.2 66.3 123.1

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 23.838 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

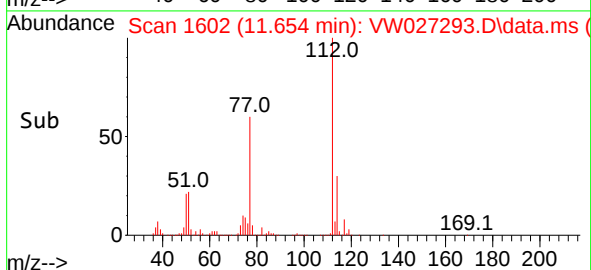
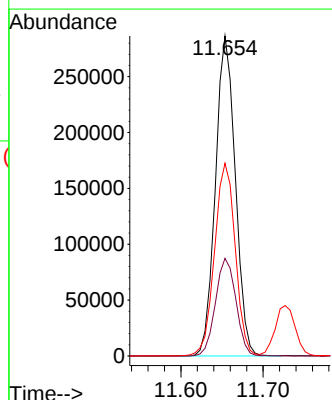
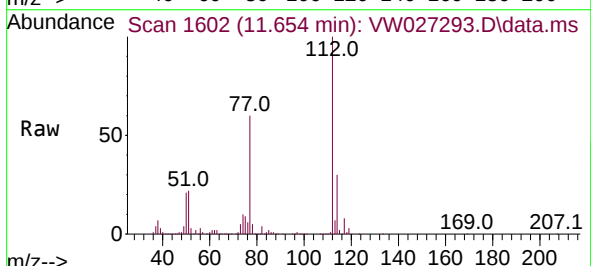
Tgt Ion:112 Resp: 481035

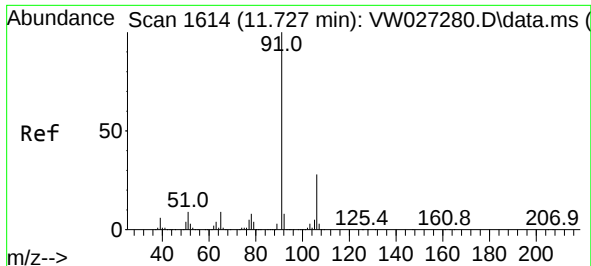
Ion Ratio Lower Upper

112 100

114 30.5 21.8 40.6

77 60.2 52.2 78.4

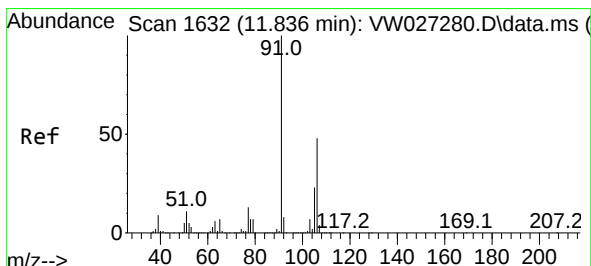
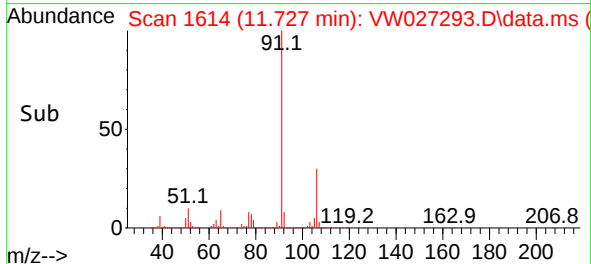
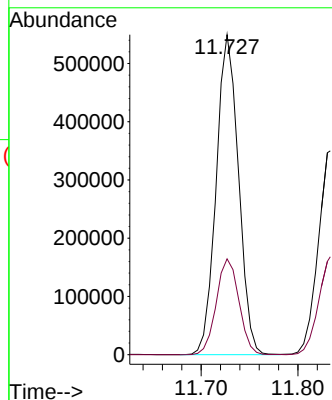
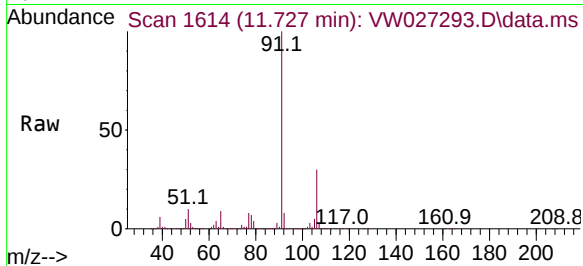




#52
Ethylbenzene
Concen: 23.474 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

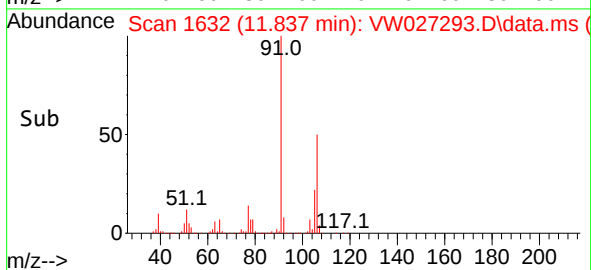
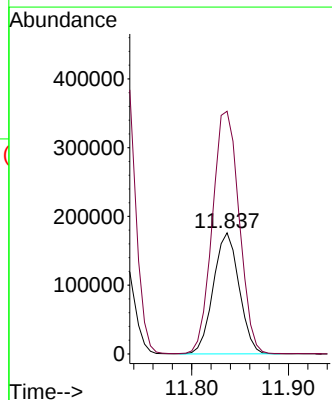
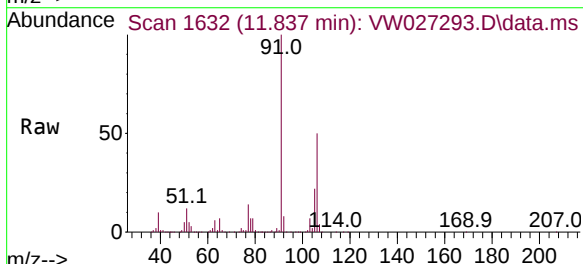
Instrument :
MSVOA_W
ClientSampleId :

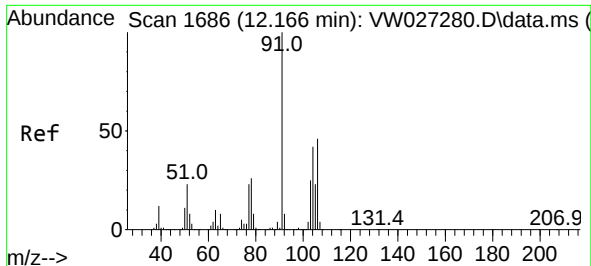
Tgt Ion: 91 Resp: 879039
Ion Ratio Lower Upper
91 100
106 30.0 19.8 36.8



#53
m,p-Xylene
Concen: 22.927 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion:106 Resp: 325635
Ion Ratio Lower Upper
106 100
91 200.5 144.5 268.4

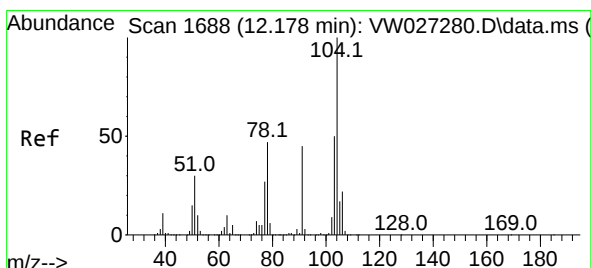
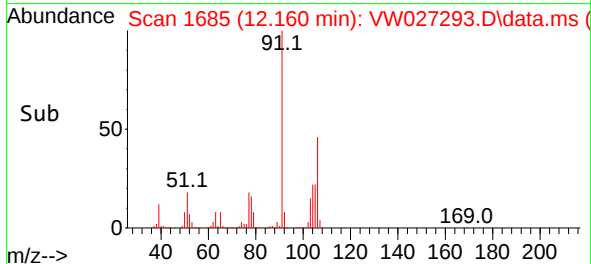
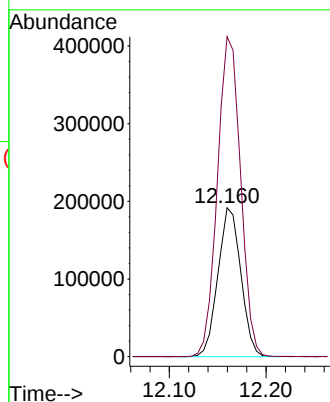
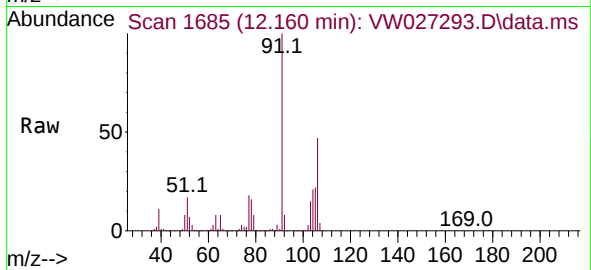




#54
o-Xylene
Concen: 23.185 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

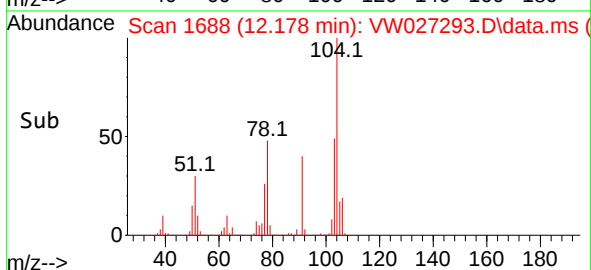
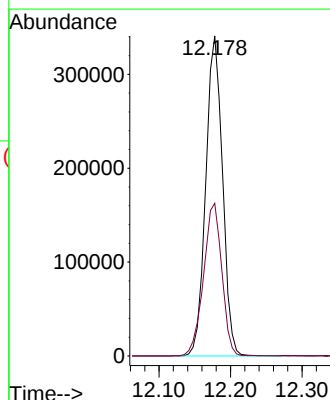
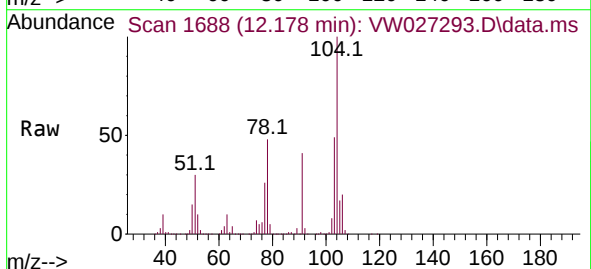
Instrument :
MSVOA_W
ClientSampleId :

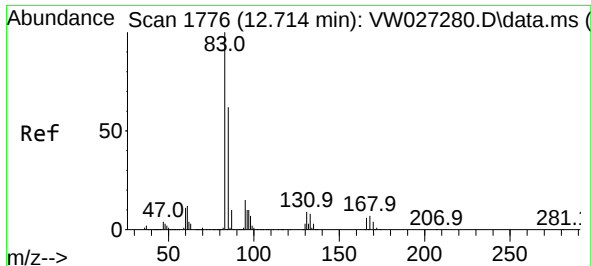
Tgt Ion:106 Resp: 315337
Ion Ratio Lower Upper
106 100
91 214.9 152.0 282.2



#55
Styrene
Concen: 23.898 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion:104 Resp: 555108
Ion Ratio Lower Upper
104 100
78 47.7 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.281 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

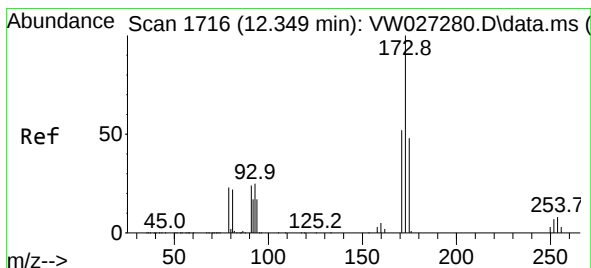
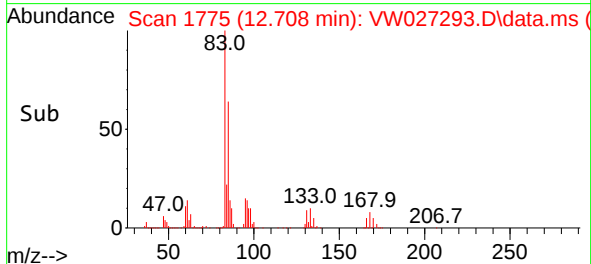
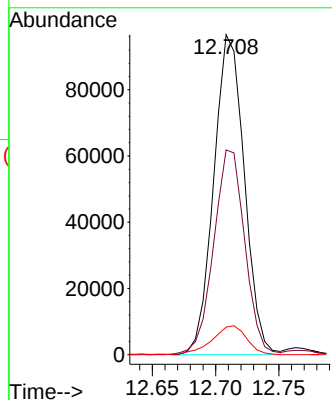
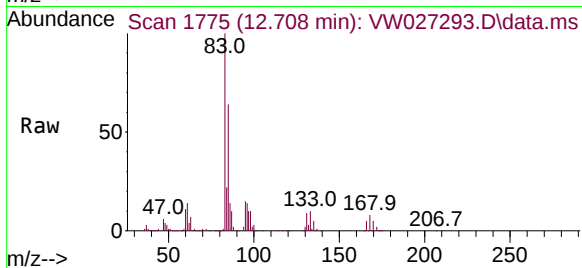
Tgt Ion: 83 Resp: 162436

Ion Ratio Lower Upper

83 100

85 64.0 43.2 80.2

131 8.6 7.2 10.8



#59

Bromoform

Concen: 23.037 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

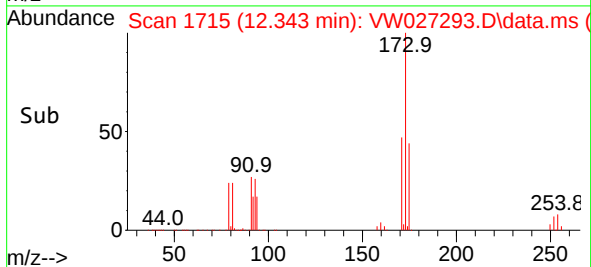
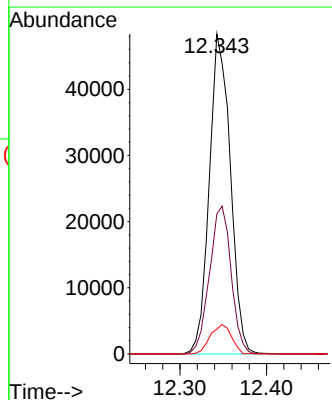
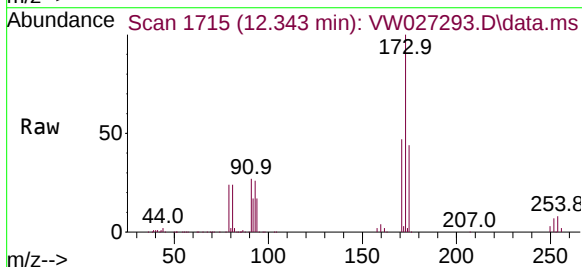
Tgt Ion:173 Resp: 81735

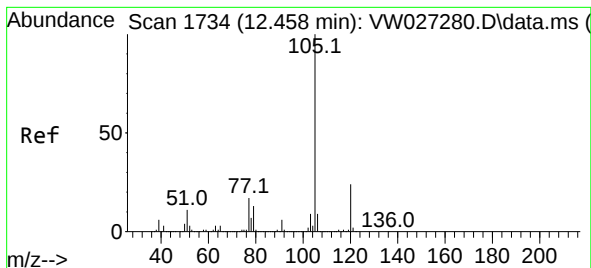
Ion Ratio Lower Upper

173 100

175 47.4 39.6 59.4

254 9.2 6.6 10.0





#60

Isopropylbenzene

Concen: 23.183 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

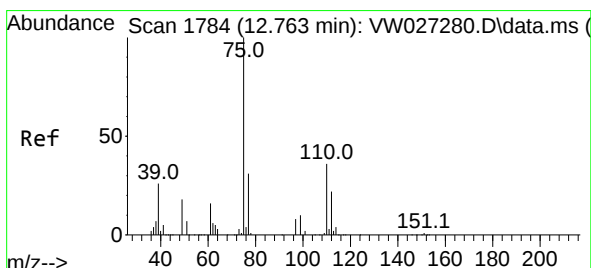
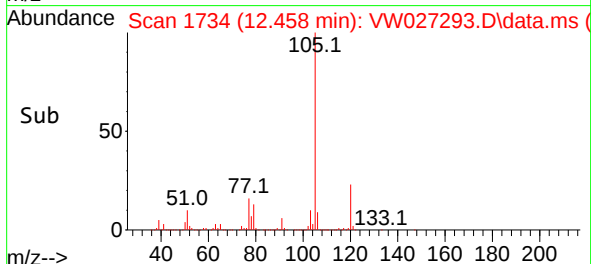
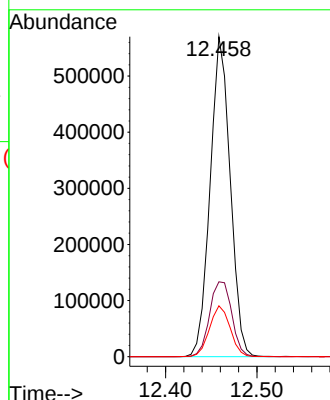
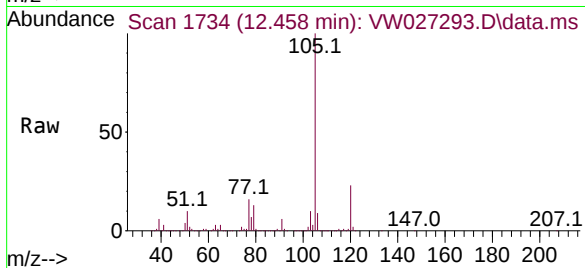
Tgt Ion:105 Resp: 868361

Ion Ratio Lower Upper

105 100

120 25.9 20.1 30.1

77 16.3 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 22.855 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

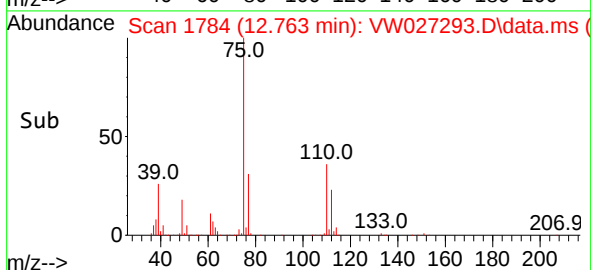
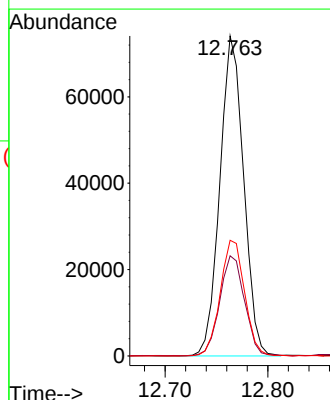
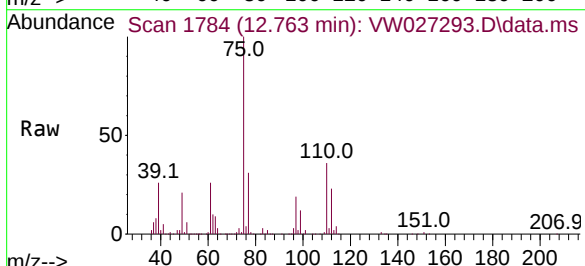
Tgt Ion: 75 Resp: 118987

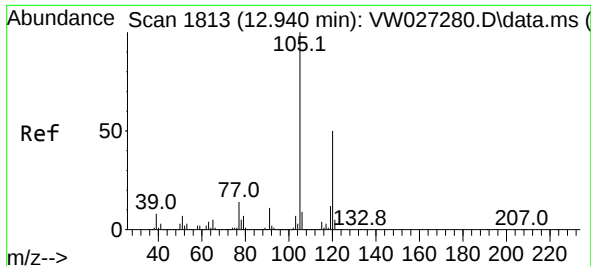
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

110 37.1 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 22.942 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

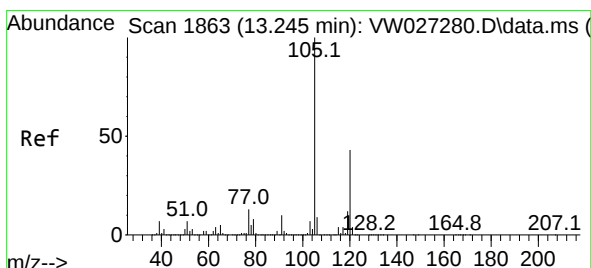
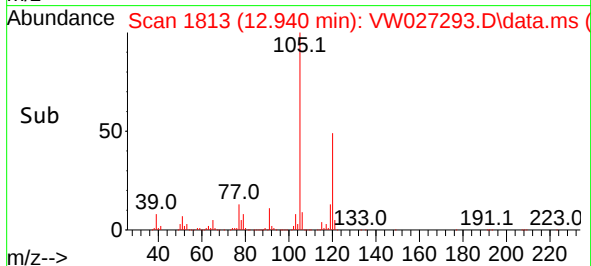
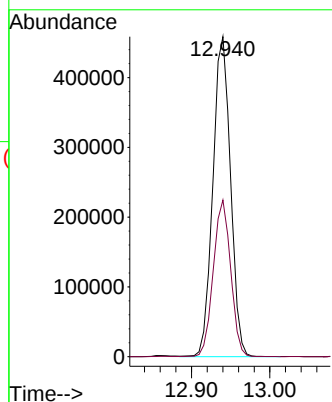
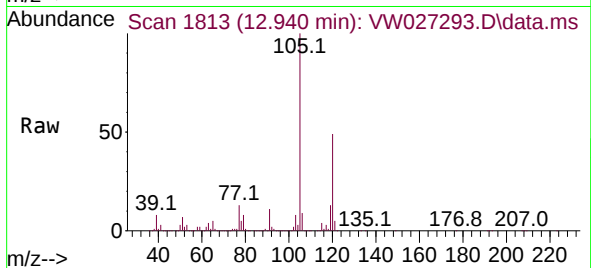
ClientSampleId :

Tgt Ion:105 Resp: 716791

Ion Ratio Lower Upper

105 100

120 48.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 23.866 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027293.D

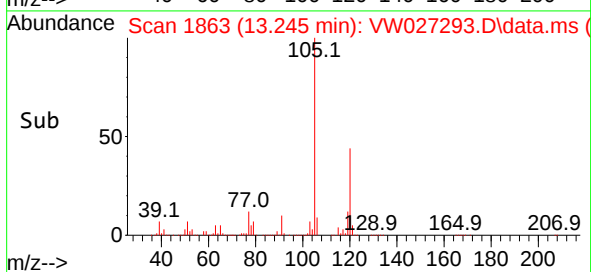
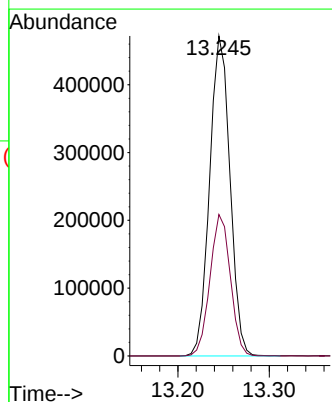
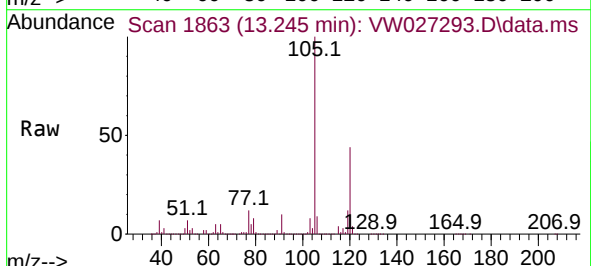
Acq: 12 Oct 2023 12:32

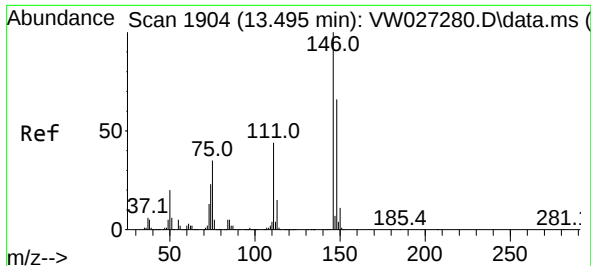
Tgt Ion:105 Resp: 729573

Ion Ratio Lower Upper

105 100

120 44.2 35.4 53.2

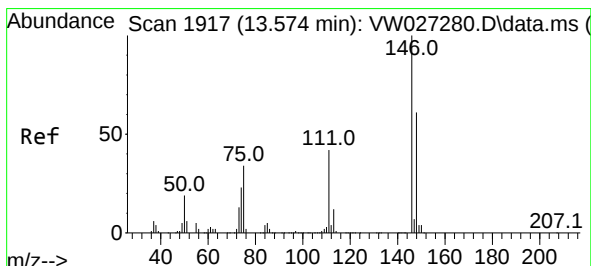
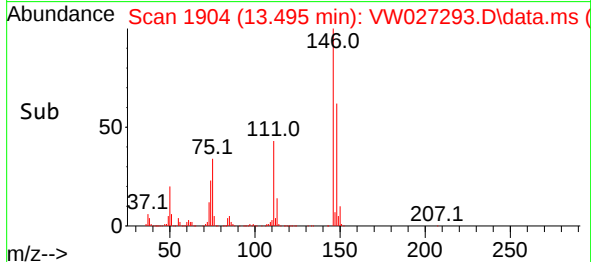
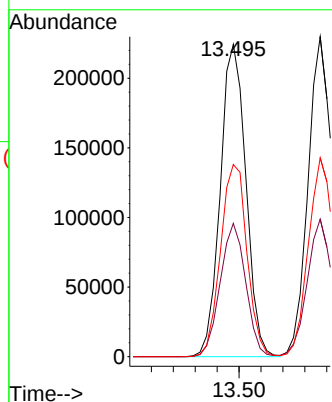
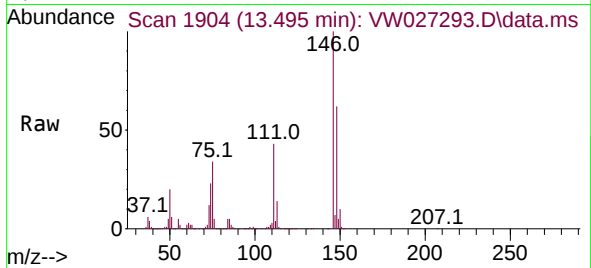




#64
1,3-Dichlorobenzene
Concen: 23.930 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

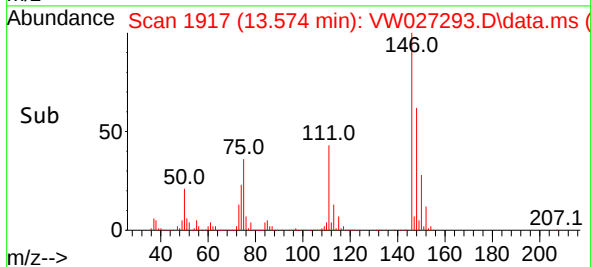
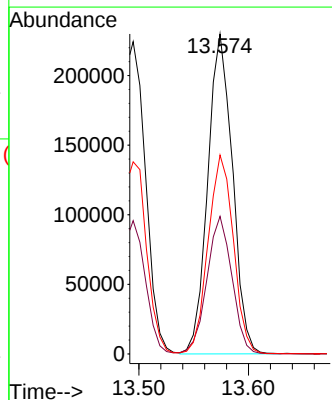
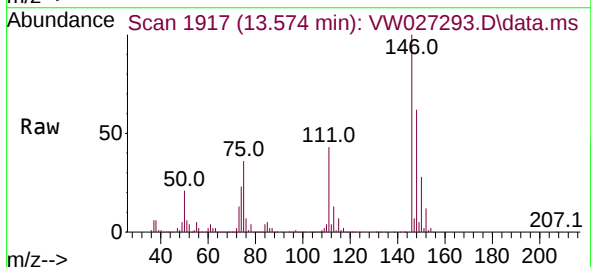
Instrument :
MSVOA_W
ClientSampleId :

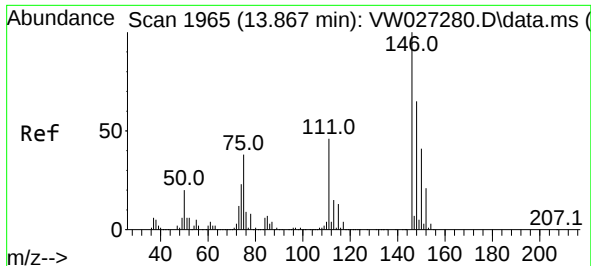
Tgt Ion:146 Resp: 363477
Ion Ratio Lower Upper
146 100
111 42.6 30.8 57.2
148 61.5 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 23.763 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027293.D
Acq: 12 Oct 2023 12:32

Tgt Ion:146 Resp: 360458
Ion Ratio Lower Upper
146 100
111 43.0 29.5 54.9
148 62.2 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 23.378 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

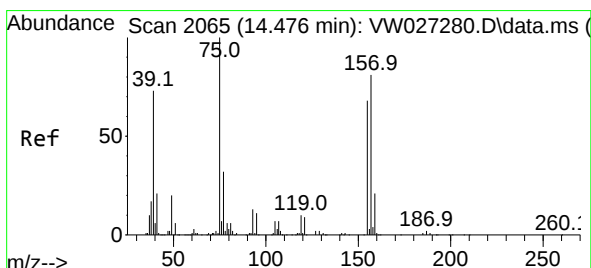
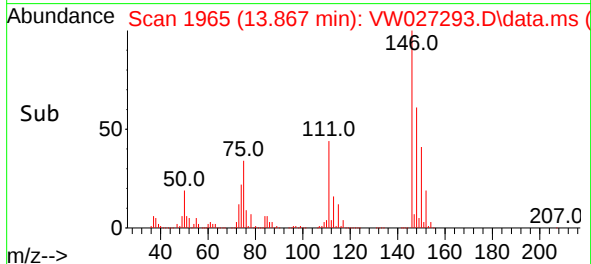
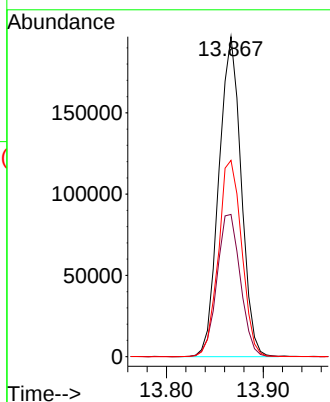
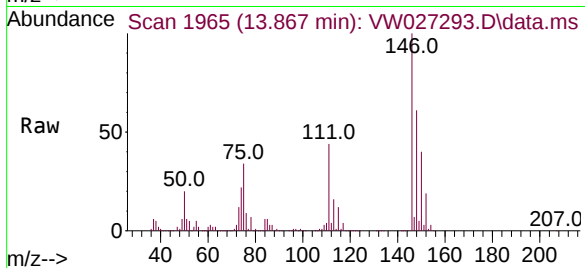
Tgt Ion:146 Resp: 315098

Ion Ratio Lower Upper

146 100

111 44.4 36.8 55.2

148 61.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.060 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

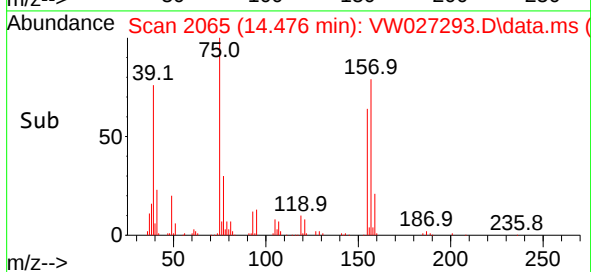
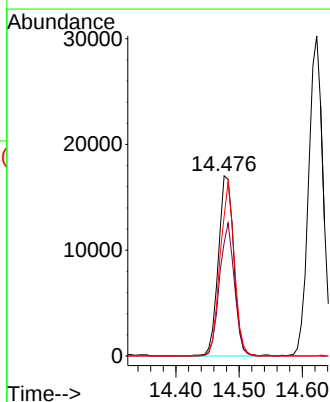
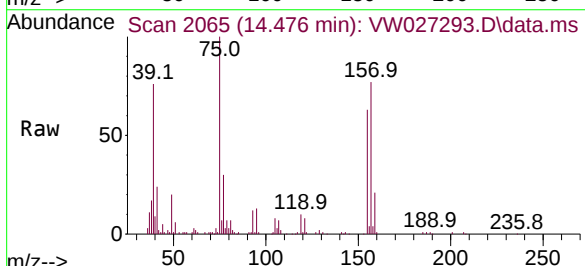
Tgt Ion: 75 Resp: 28703

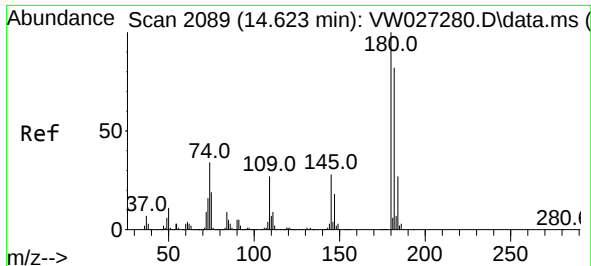
Ion Ratio Lower Upper

75 100

155 62.7 54.9 82.3

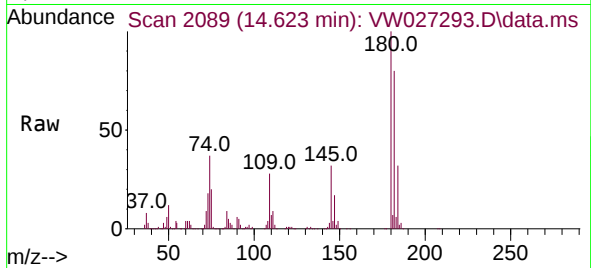
157 77.4 64.7 97.1



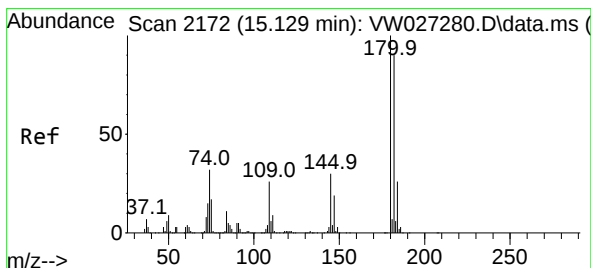
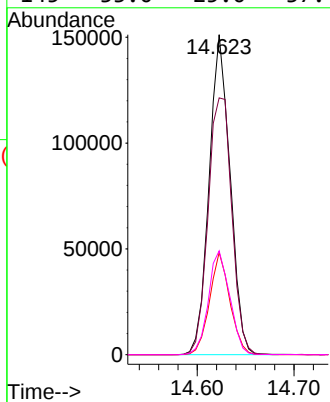
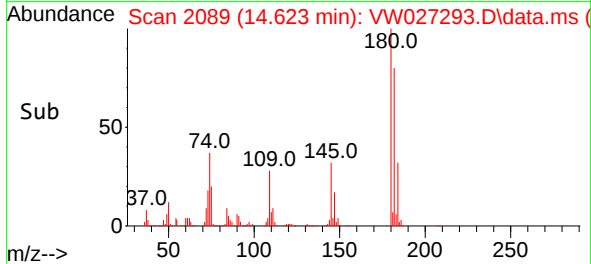


#69
 1,3,5-Trichlorobenzene
 Concen: 23.143 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW027293.D
 Acq: 12 Oct 2023 12:32

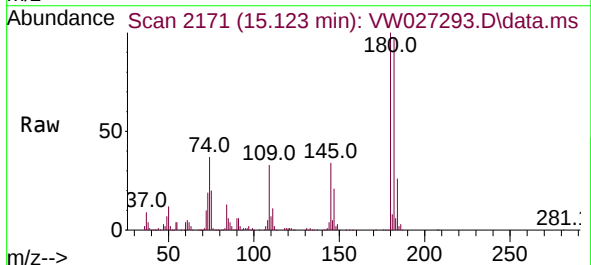
Instrument :
 MSVOA_W
 ClientSampleId :



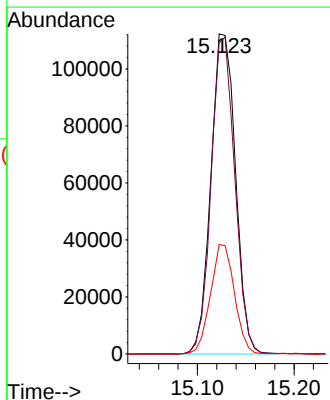
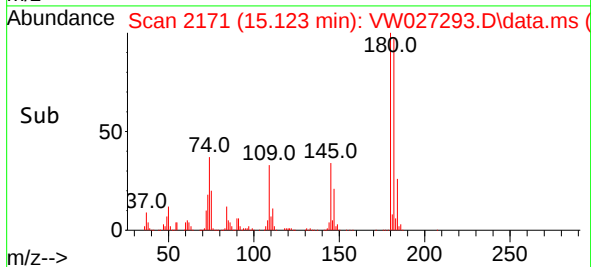
Tgt Ion:180 Resp: 228194
 Ion Ratio Lower Upper
 180 100
 182 91.0 73.4 110.0
 184 30.9 23.3 34.9
 145 33.0 25.0 37.4

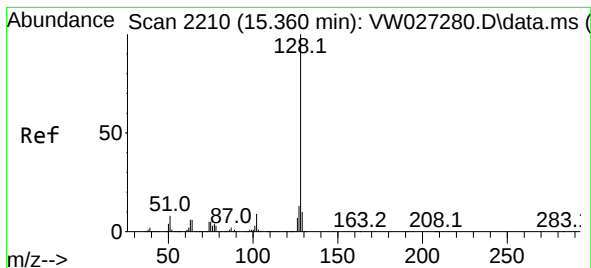


#70
 1,2,4-trichlorobenzene
 Concen: 23.696 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW027293.D
 Acq: 12 Oct 2023 12:32



Tgt Ion:180 Resp: 198869
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.5 113.3
 145 33.2 26.4 39.6





#71

Naphthalene

Concen: 23.136 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Instrument :

MSVOA_W

ClientSampleId :

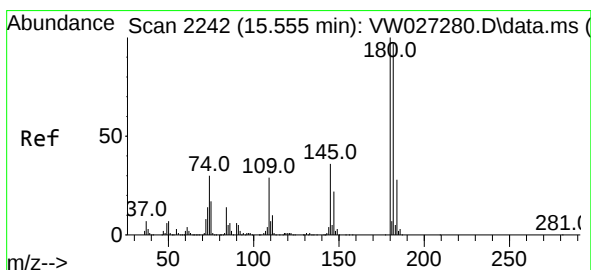
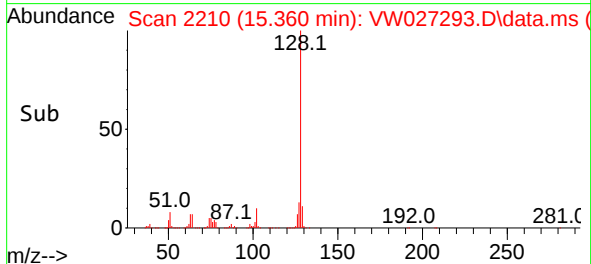
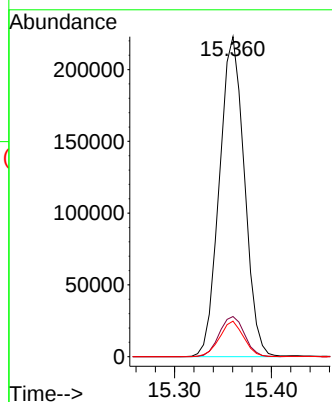
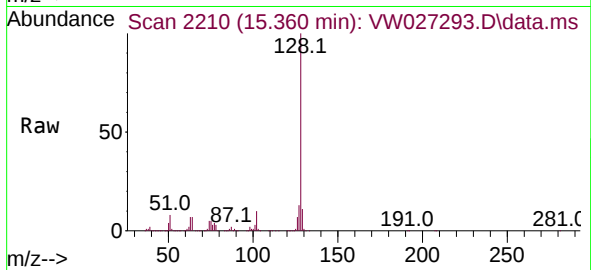
Tgt Ion:128 Resp: 399297

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.262 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.006 min

Lab File: VW027293.D

Acq: 12 Oct 2023 12:32

Tgt Ion:180 Resp: 167433

Ion Ratio Lower Upper

180 100

182 94.9 81.1 121.7

145 34.8 30.6 45.8

