

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
 Data File : VW026806.D
 Acq On : 22 Aug 2023 17:29
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 23 01:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	414529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	417962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	235472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	150952	22.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.600%
7) Chloroethane-d5	2.893	69	119691	23.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.480%
11) 1,1-Dichloroethene-d2	4.021	65	80558	24.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.160%
21) 2-Butanone-d5	7.075	46	93723	47.852	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.700%
24) Chloroform-d	7.648	84	389760	28.015	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.040%
26) 1,2-Dichloroethane-d4	8.301	65	220138	28.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.680%
32) Benzene-d6	8.276	84	782771	27.174	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.680%
36) 1,2-Dichloropropane-d6	9.270	67	235520	26.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.000%
41) Toluene-d8	10.319	98	717374	29.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.040%
43) trans-1,3-Dichloroprop...	10.575	79	96774	26.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.480%
47) 2-Hexanone-d5	10.922	63	52730	55.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	203600	28.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.920%
66) 1,2-Dichlorobenzene-d4	13.849	152	235085	27.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	153472	27.231	ug/L	99
3) Chloromethane	2.223	50	158487	20.565	ug/L	99
5) Vinyl chloride	2.375	62	162013	21.991	ug/L	98
6) Bromomethane	2.783	94	102184	23.806	ug/L	97
8) Chloroethane	2.930	64	97257	22.032	ug/L	93
9) Trichlorofluoromethane	3.265	101	123639	20.449	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	166035	25.423	ug/L	99
12) 1,1-Dichloroethene	4.052	96	155022	25.301	ug/L	98
13) Acetone	4.119	43	69904	35.896	ug/L	98
14) Carbon disulfide	4.393	76	504913	22.906	ug/L	98
15) Methyl Acetate	4.667	43	98946	25.365	ug/L	97
16) Methylene chloride	4.923	84	192866	24.052	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	179087	26.193	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	297205	28.729	ug/L	97
19) 1,1-Dichloroethane	6.216	63	368957	26.220	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	202245	27.520	ug/L	96
22) 2-Butanone	7.167	43	123755	43.122	ug/L	96
23) Bromochloromethane	7.508	128	91197	28.728	ug/L	94
25) Chloroform	7.673	83	366669	26.971	ug/L	99

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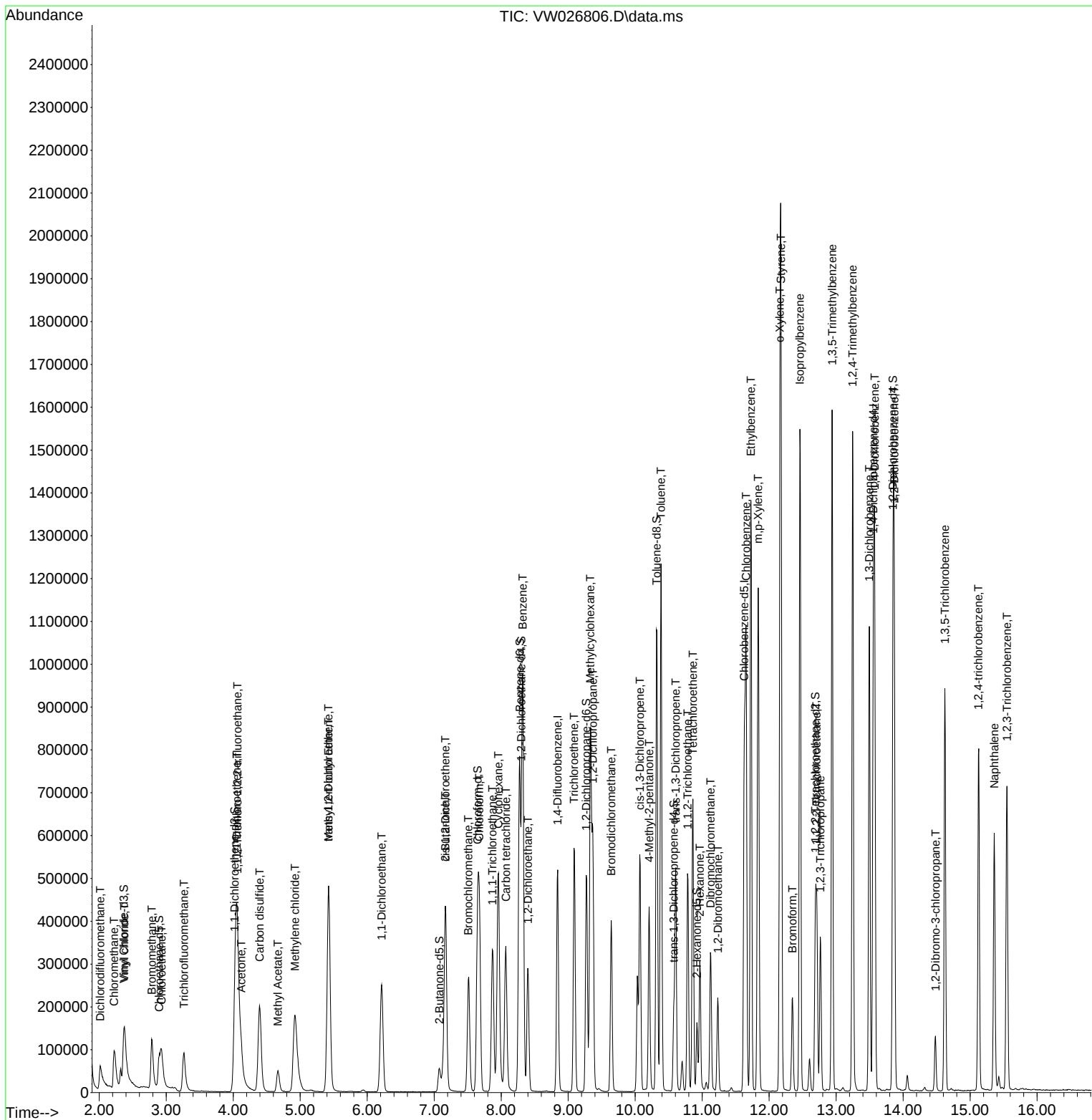
Instrument :
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 ClientSampleId :

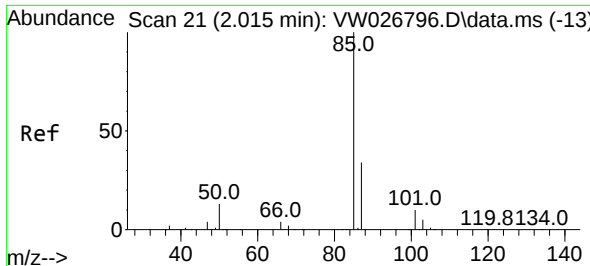
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 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	264194	27.857	ug/L	100
29) Cyclohexane	7.959	56	309806	23.969	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	283352	25.976	ug/L	99
31) Carbon tetrachloride	8.069	117	262632	26.333	ug/L	95
33) Benzene	8.319	78	817790	26.868	ug/L	100
34) Trichloroethene	9.087	95	200712	25.892	ug/L	99
35) Methylcyclohexane	9.331	83	325887	24.574	ug/L	98
37) 1,2-Dichloropropane	9.368	63	220948	26.502	ug/L	98
38) Bromodichloromethane	9.642	83	266766	27.276	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	323715	26.991	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	284456	52.454	ug/L	97
42) Toluene	10.386	91	860612	27.951	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	282212	27.338	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	158020	27.714	ug/L	99
46) Tetrachloroethene	10.861	164	149326	26.515	ug/L	98
48) 2-Hexanone	10.965	43	192663	52.212	ug/L	98
49) Dibromochloromethane	11.123	129	171436	28.748	ug/L	95
50) 1,2-Dibromoethane	11.233	107	146705	27.422	ug/L	97
51) Chlorobenzene	11.654	112	526909	27.092	ug/L	96
52) Ethylbenzene	11.727	91	966422	27.989	ug/L	95
53) m,p-Xylene	11.837	106	363981	28.455	ug/L	94
54) o-Xylene	12.160	106	346198	28.999	ug/L	90
55) Styrene	12.178	104	631009	30.399	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	203795	28.222	ug/L	93
59) Bromoform	12.349	173	100339	27.202	ug/L	96
60) Isopropylbenzene	12.459	105	987326	28.202	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	150127	26.284	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	795575	28.751	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	811061	29.911	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	424570	27.886	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	437132	27.511	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	388069	28.029	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	35229	25.584	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	270316	26.279	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	238001	27.290	ug/L	95
71) Naphthalene	15.360	128	476517	28.644	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	228025	28.988	ug/L	99

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

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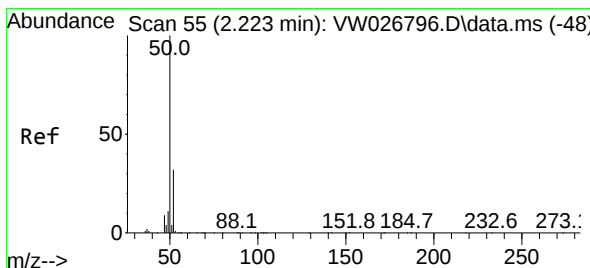
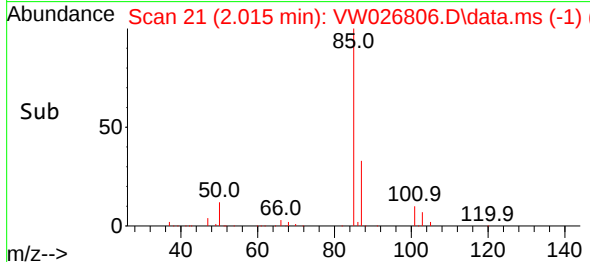
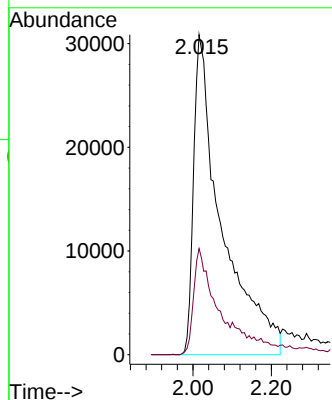
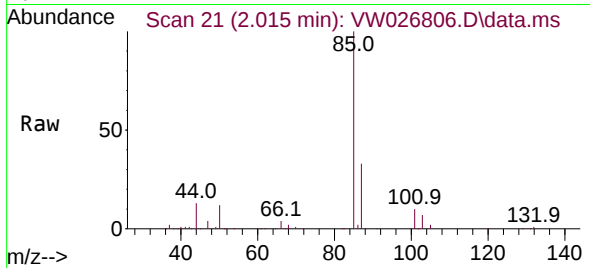




#2
 Dichlorodifluoromethane
 Concen: 27.231 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

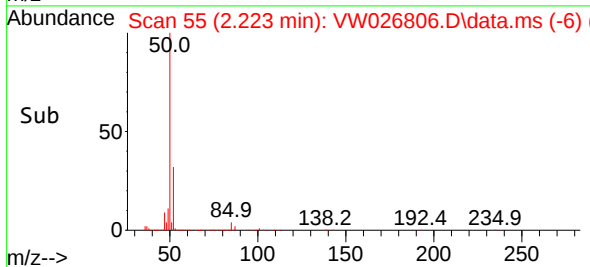
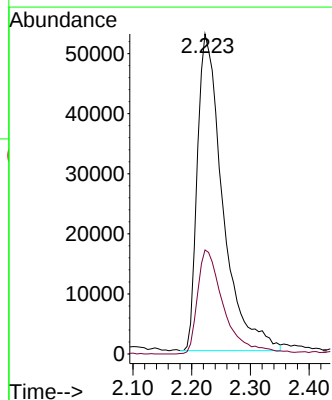
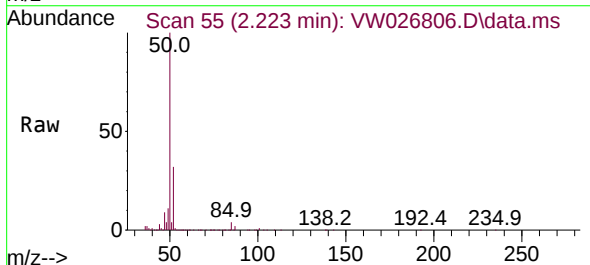
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 ClientSampleId :

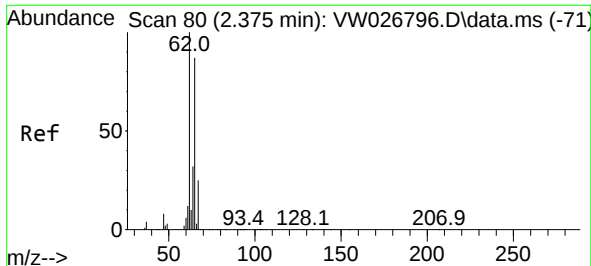
Tgt Ion: 85 Resp: 153472
 Ion Ratio Lower Upper
 85 100
 87 24.0 19.5 29.3



#3
 Chloromethane
 Concen: 20.565 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

Tgt Ion: 50 Resp: 158487
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.8

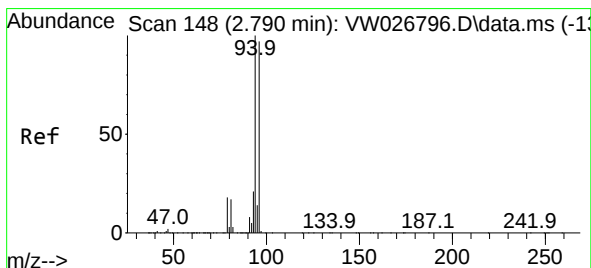
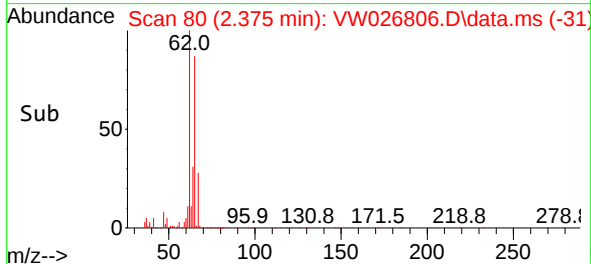
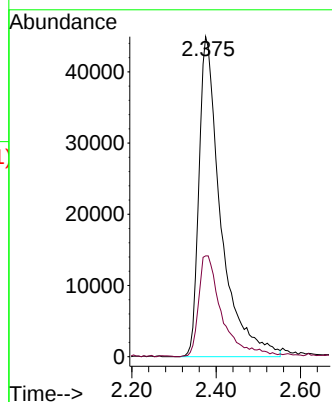
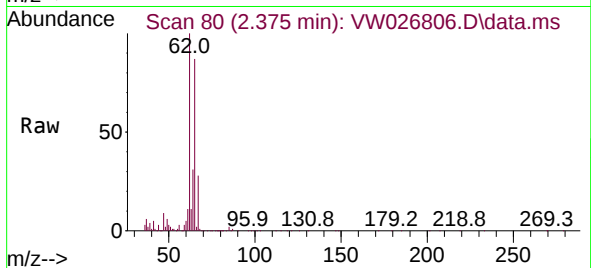




#5
 Vinyl chloride
 Concen: 21.991 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

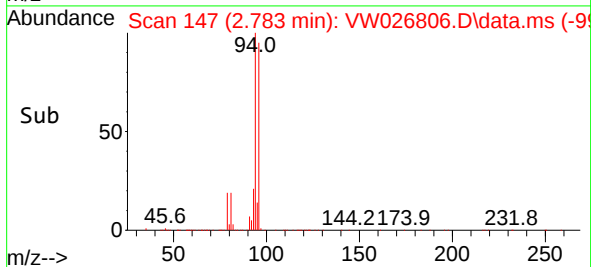
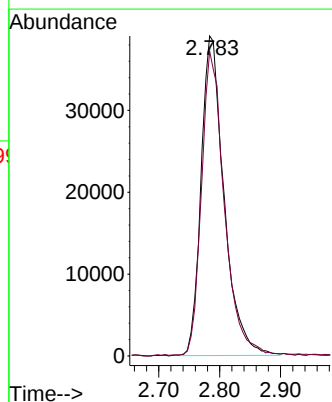
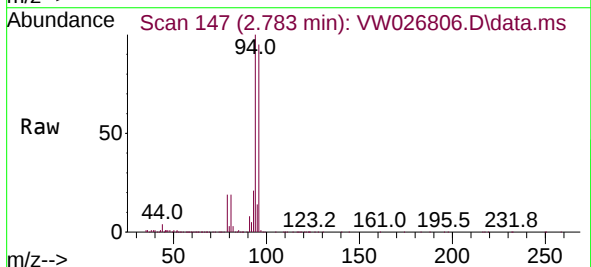
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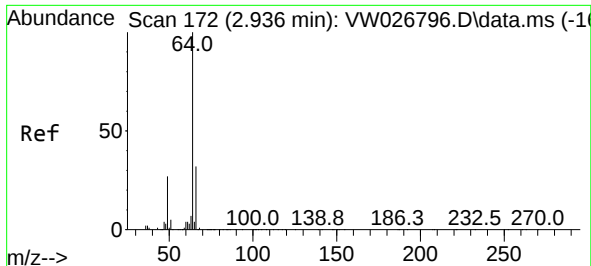
Tgt Ion: 62 Resp: 162013
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.7 42.3



#6
 Bromomethane
 Concen: 23.806 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

Tgt Ion: 94 Resp: 102184
 Ion Ratio Lower Upper
 94 100
 96 95.2 64.8 120.3

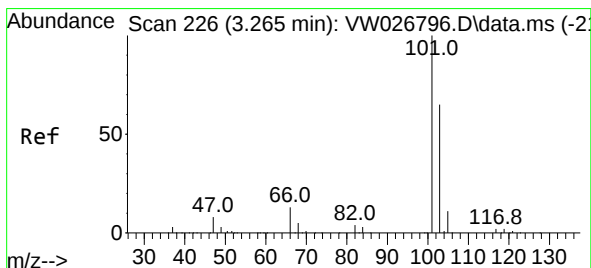
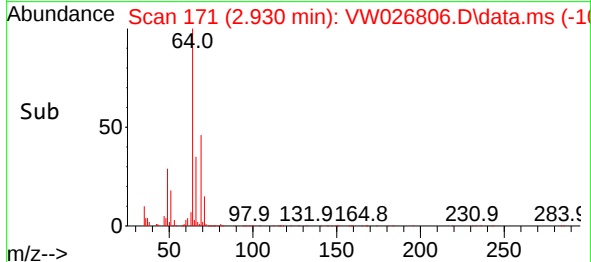
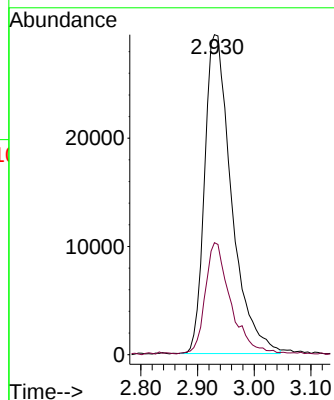
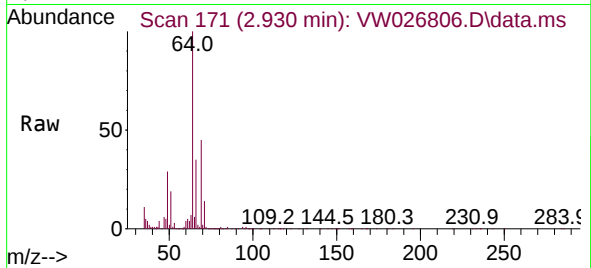




#8
Chloroethane
Concen: 22.032 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

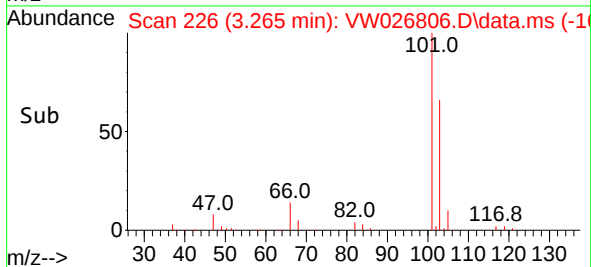
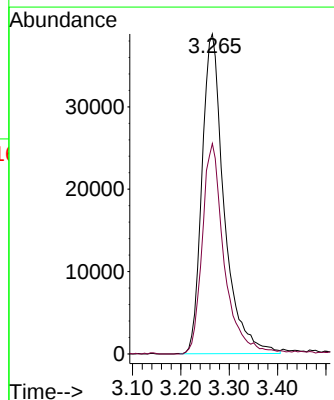
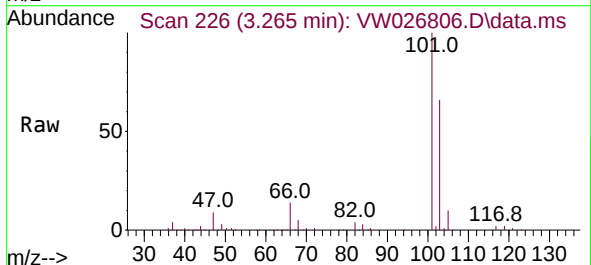
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ClientSampleId :

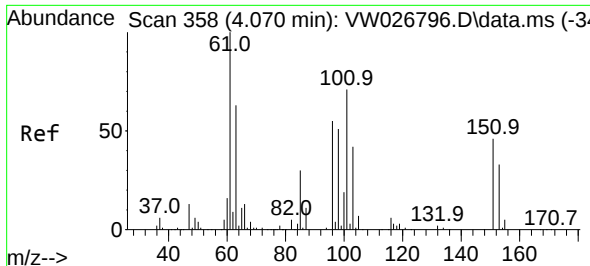
Tgt Ion: 64 Resp: 97257
Ion Ratio Lower Upper
64 100
66 35.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 20.449 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

Tgt Ion:101 Resp: 123639
Ion Ratio Lower Upper
101 100
103 63.0 51.9 77.9

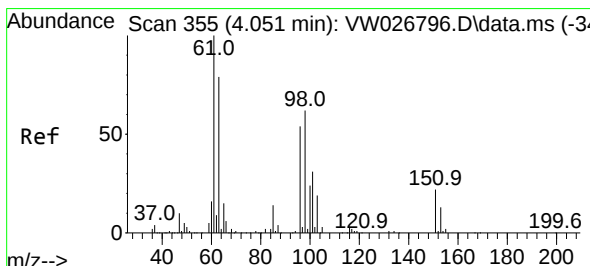
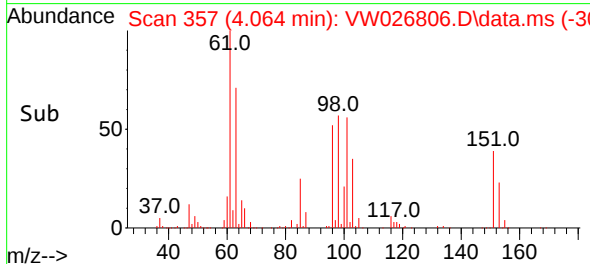
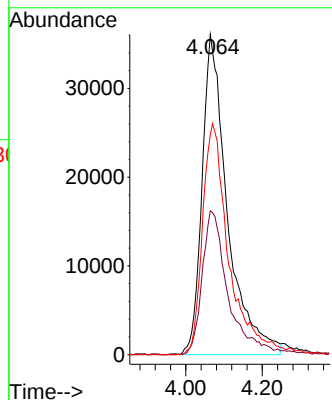
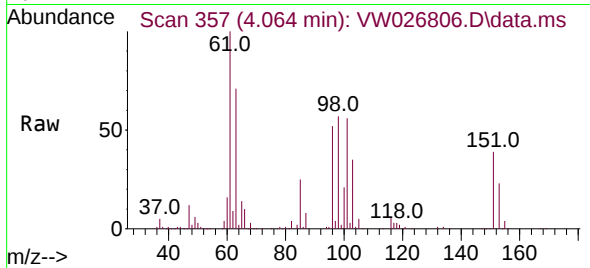




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.423 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.006 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

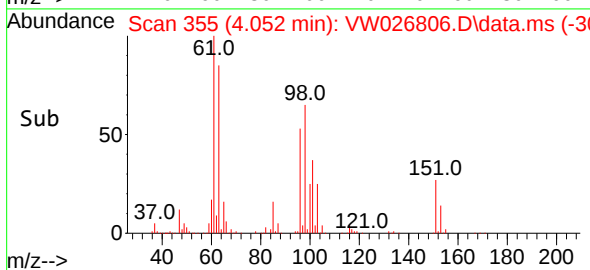
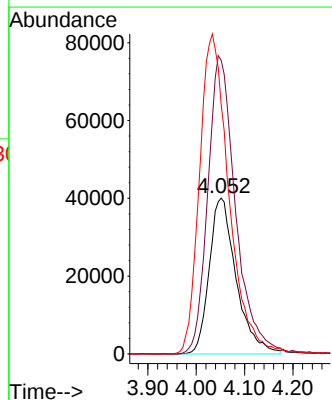
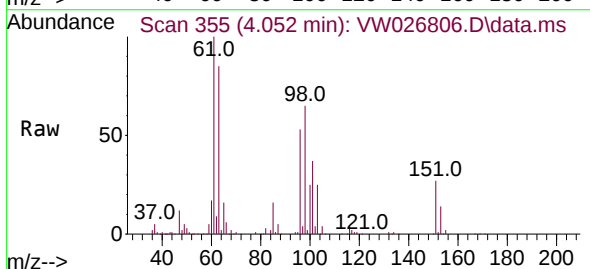
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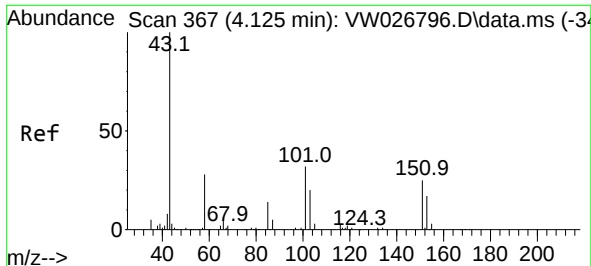
Tgt Ion:101 Resp: 166035
 Ion Ratio Lower Upper
 101 100
 85 42.2 32.8 49.2
 151 68.4 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 25.301 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

Tgt Ion: 96 Resp: 155022
 Ion Ratio Lower Upper
 96 100
 61 188.5 133.2 247.4
 63 160.2 109.0 202.4

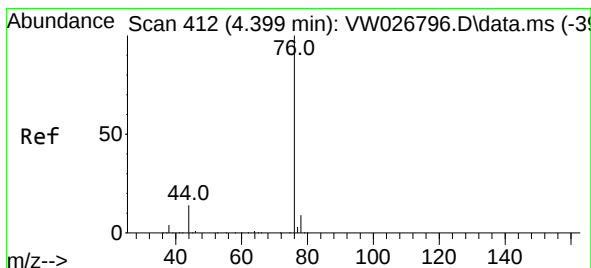
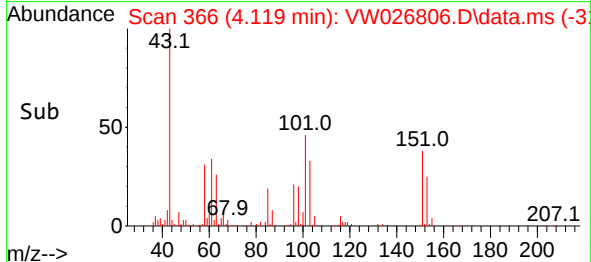
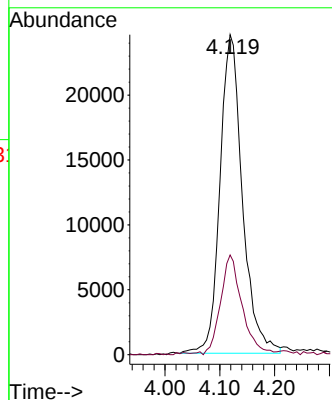
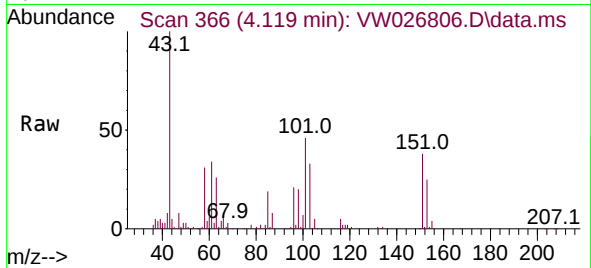




#13
Acetone
Concen: 35.896 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

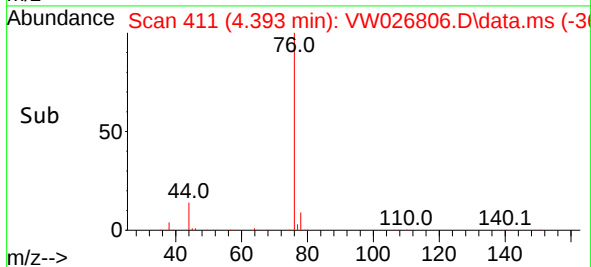
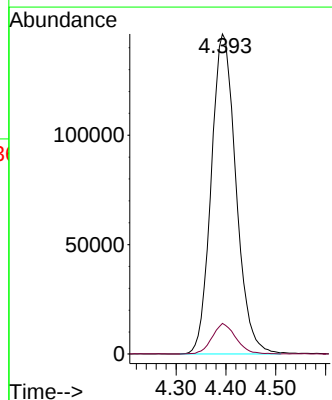
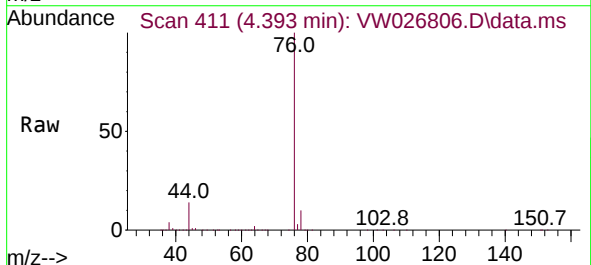
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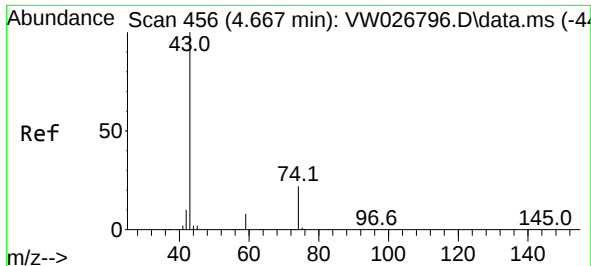
Tgt Ion: 43 Resp: 69904
Ion Ratio Lower Upper
43 100
58 29.9 0.0 57.4



#14
Carbon disulfide
Concen: 22.906 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

Tgt Ion: 76 Resp: 504913
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

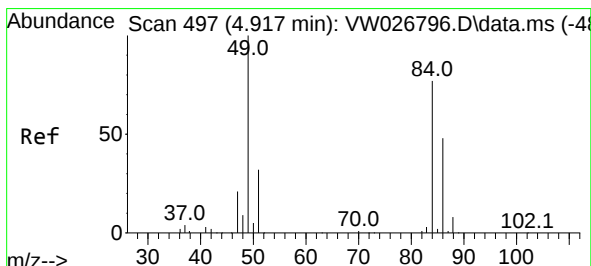
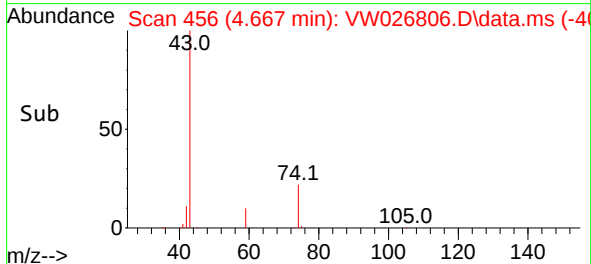
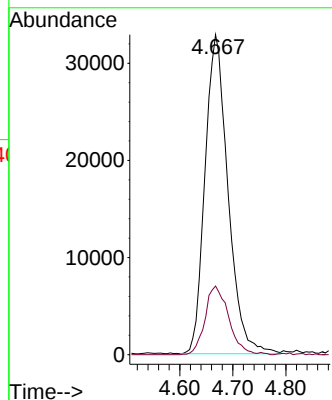
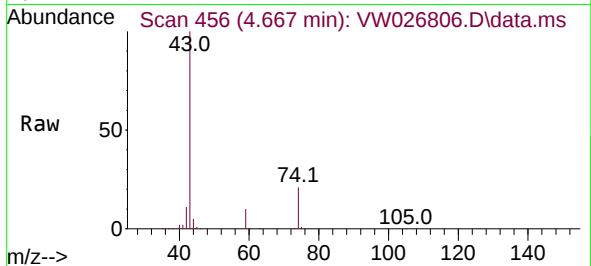




#15
Methyl Acetate
Concen: 25.365 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

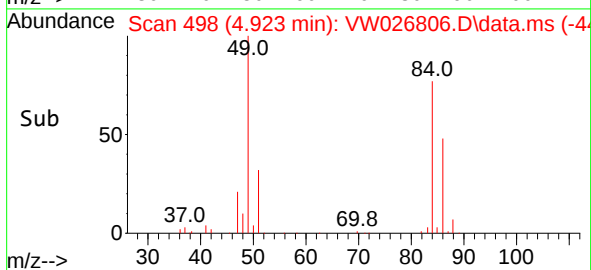
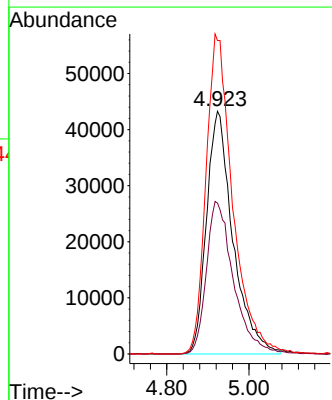
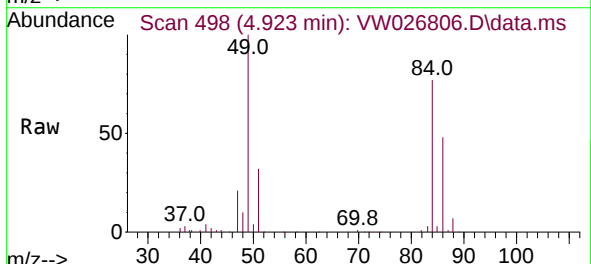
Instrument :
MSVOA_W
ClientSampleId :

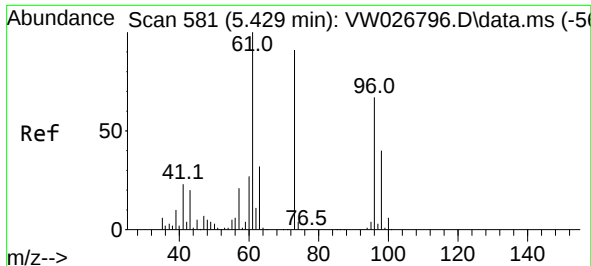
Tgt Ion: 43 Resp: 98946
Ion Ratio Lower Upper
43 100
74 22.0 16.4 24.6



#16
Methylene chloride
Concen: 24.052 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

Tgt Ion: 84 Resp: 192866
Ion Ratio Lower Upper
84 100
86 62.2 43.5 80.9
49 129.1 96.0 178.2

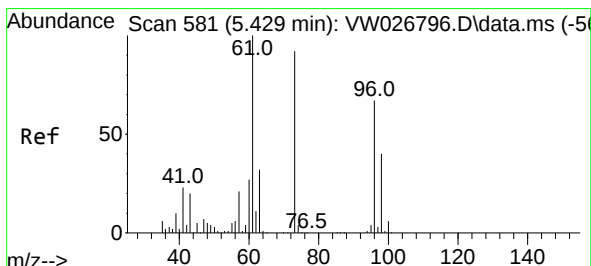
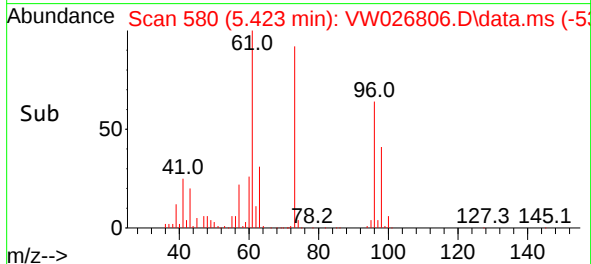
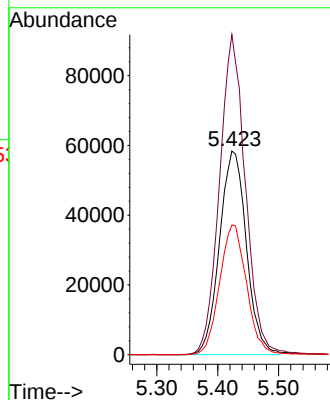
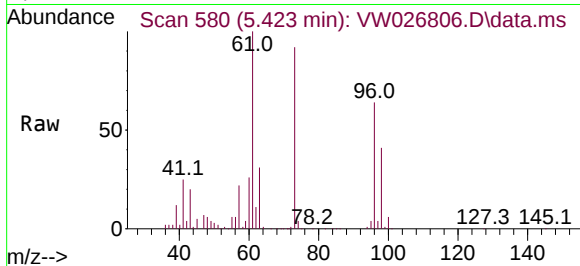




#17
trans-1,2-Dichloroethene
Concen: 26.193 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

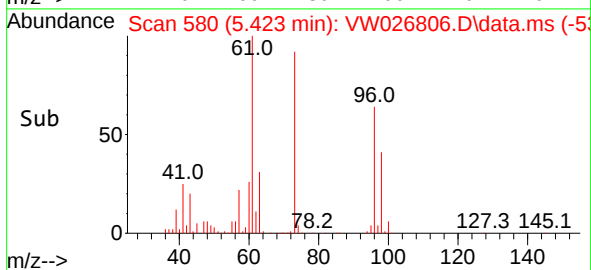
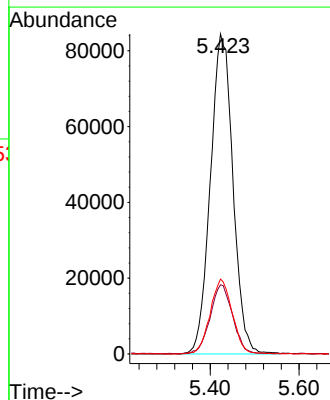
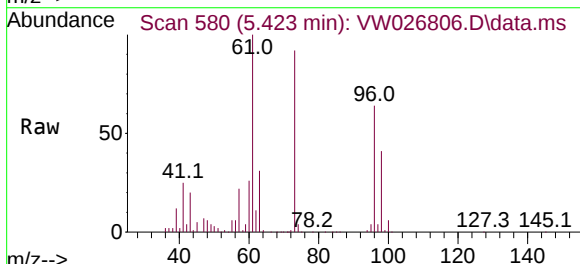
Instrument :
MSVOA_W
ClientSampleId :

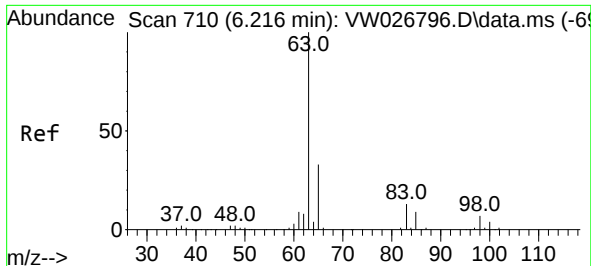
Tgt Ion: 96 Resp: 179087
Ion Ratio Lower Upper
96 100
61 157.1 109.4 203.2
98 63.7 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 28.729 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

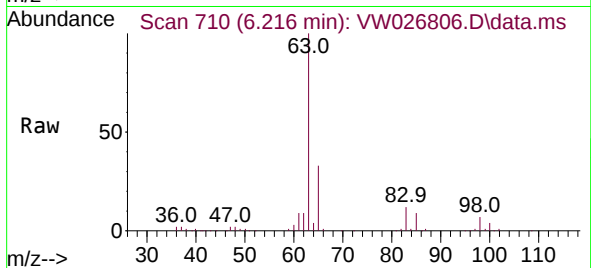
Tgt Ion: 73 Resp: 297205
Ion Ratio Lower Upper
73 100
43 21.1 18.0 27.0
57 22.8 19.3 28.9



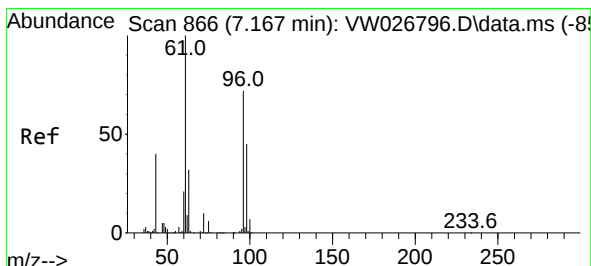
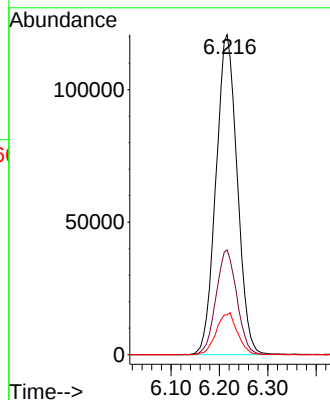
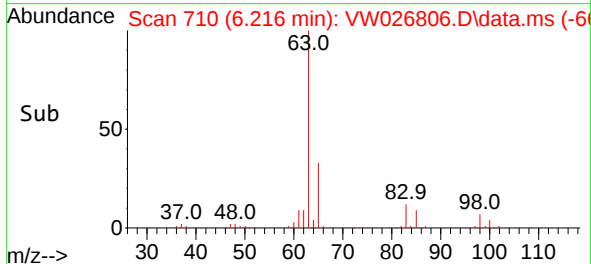


#19
1,1-Dichloroethane
Concen: 26.220 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

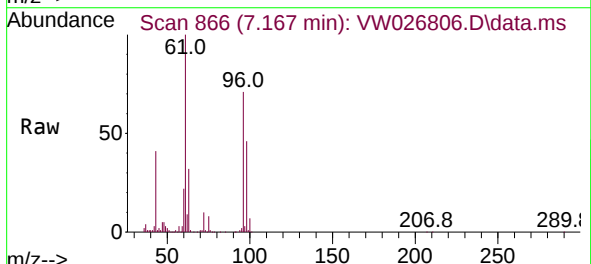
Instrument :
MSVOA_W
ClientSampleId :



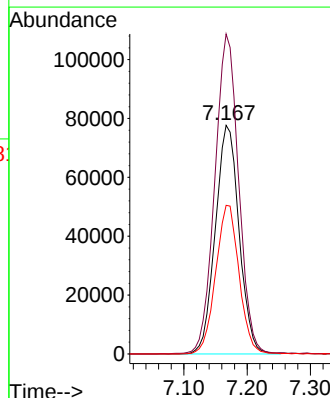
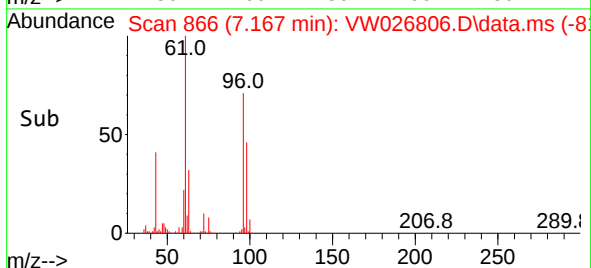
Tgt Ion:	63	Resp:	368957
Ion	Ratio	Lower	Upper
63	100		
65	32.7	21.8	40.6
83	12.4	9.0	16.6

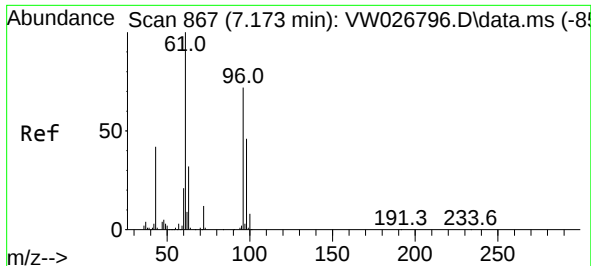


#20
cis-1,2-Dichloroethene
Concen: 27.520 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29



Tgt Ion:	96	Resp:	202245
Ion	Ratio	Lower	Upper
96	100		
61	139.9	101.2	188.0
98	65.0	43.8	81.3

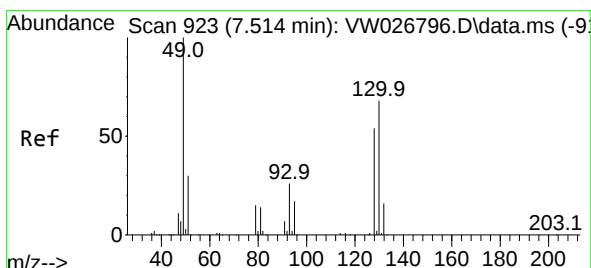
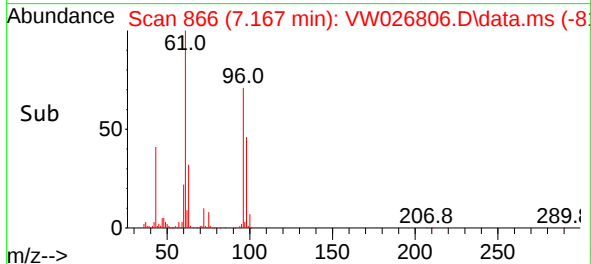
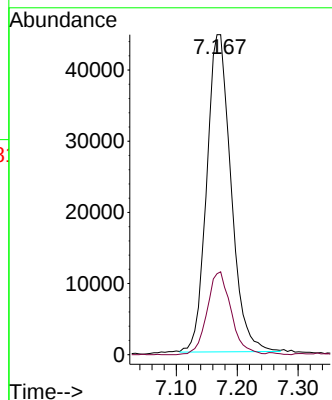
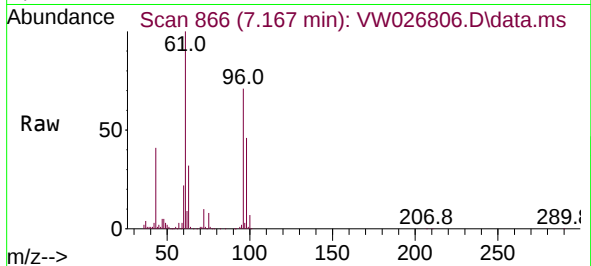




#22
2-Butanone
Concen: 43.122 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

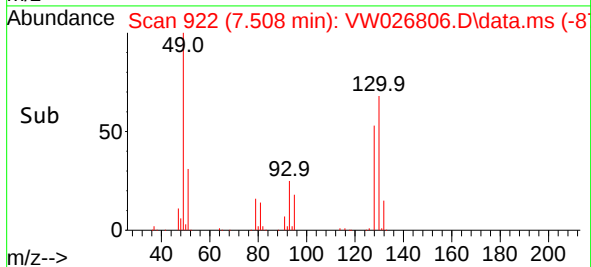
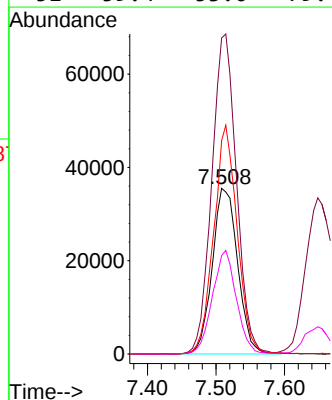
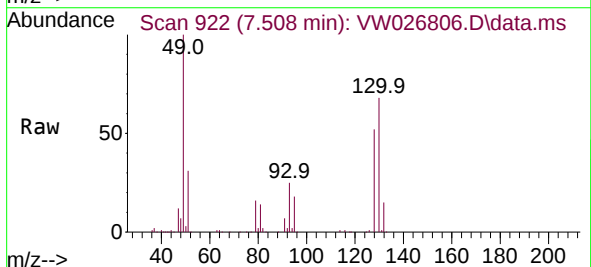
Instrument :
MSVOA_W
ClientSampleId :

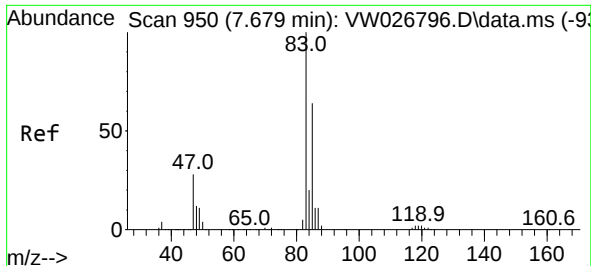
Tgt Ion: 43 Resp: 123755
Ion Ratio Lower Upper
43 100
72 25.7 11.8 35.4



#23
Bromochloromethane
Concen: 28.728 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

Tgt Ion: 128 Resp: 91197
Ion Ratio Lower Upper
128 100
49 190.9 143.1 265.7
130 128.9 91.8 170.4
51 59.4 53.0 79.4

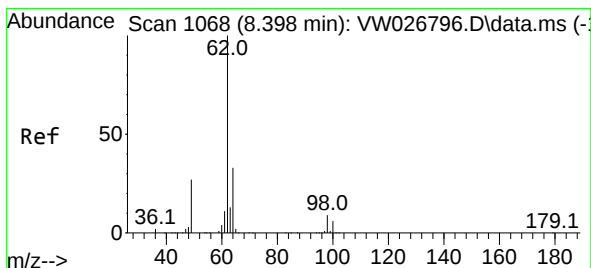
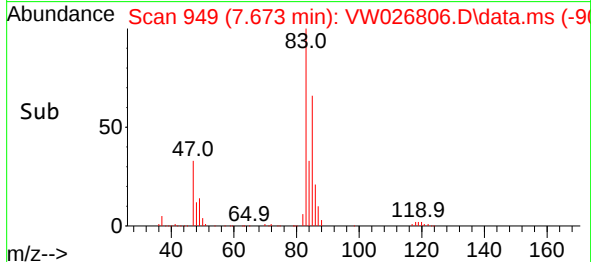
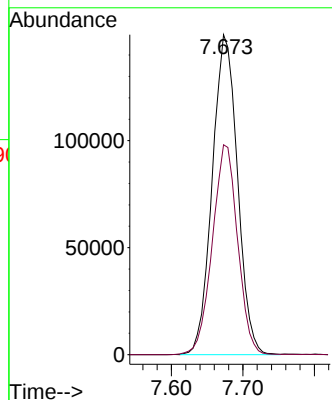
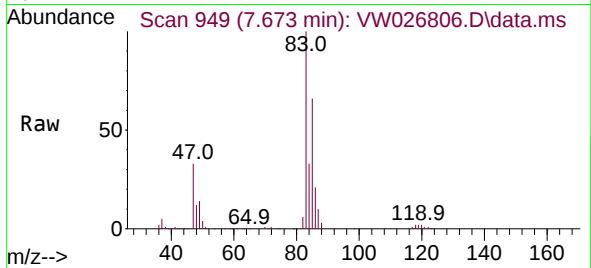




#25
Chloroform
Concen: 26.971 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

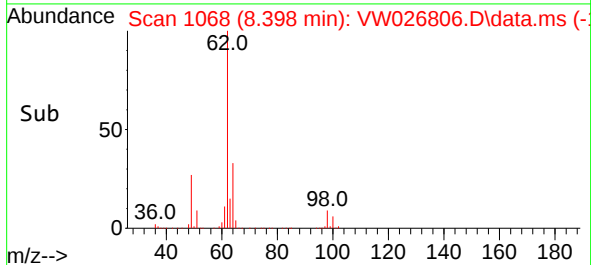
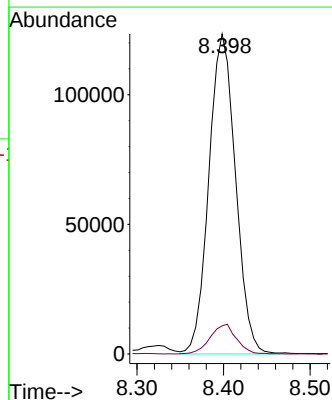
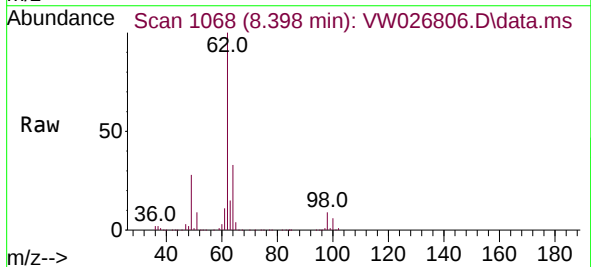
Instrument :
MSVOA_W
ClientSampleId :

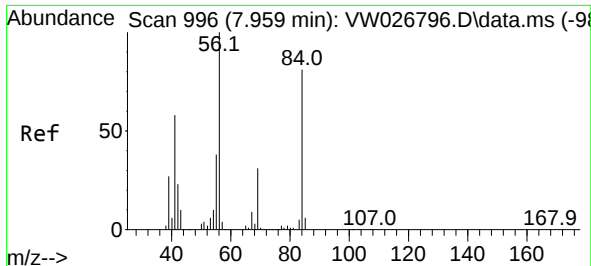
Tgt Ion: 83 Resp: 366669
Ion Ratio Lower Upper
83 100
85 65.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 27.857 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

Tgt Ion: 62 Resp: 264194
Ion Ratio Lower Upper
62 100
98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 23.969 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

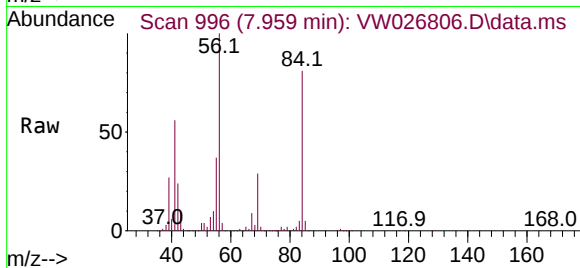
Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

ClientSampleId :



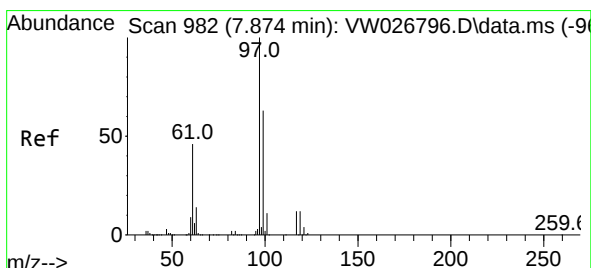
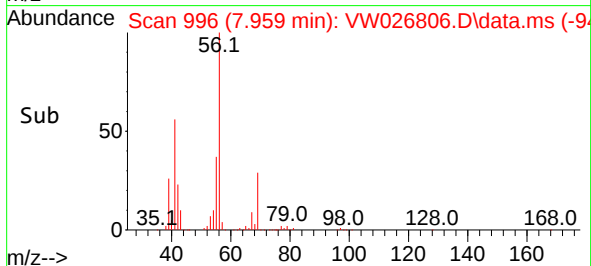
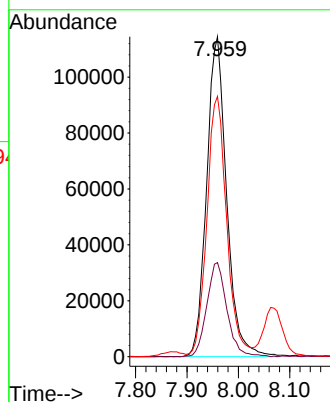
Tgt Ion: 56 Resp: 309806

Ion Ratio Lower Upper

56 100

69 29.6 23.2 34.8

84 80.1 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 25.976 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

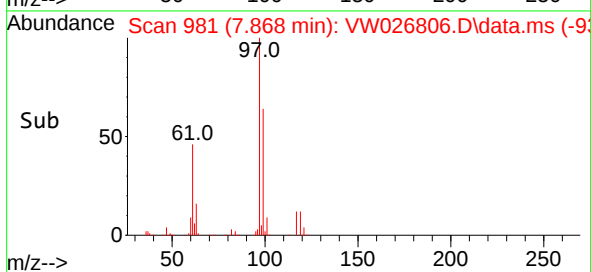
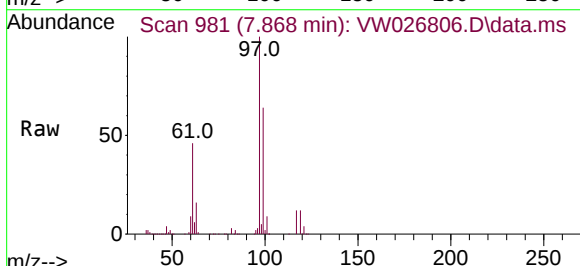
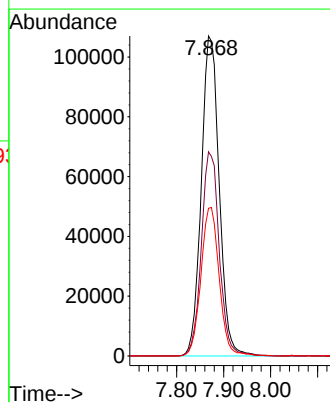
Tgt Ion: 97 Resp: 283352

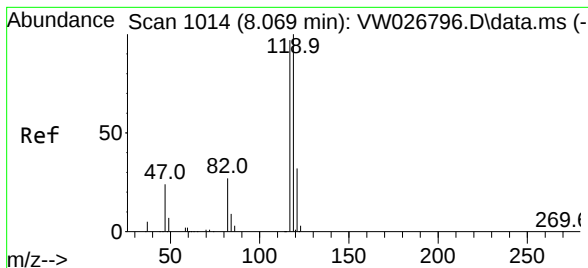
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 47.3 39.2 58.8

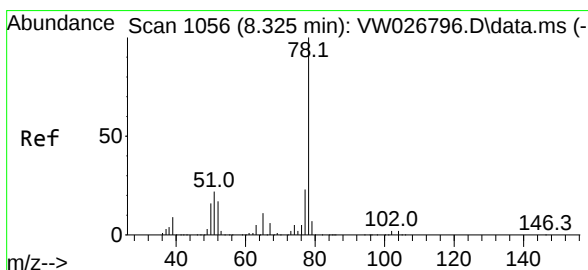
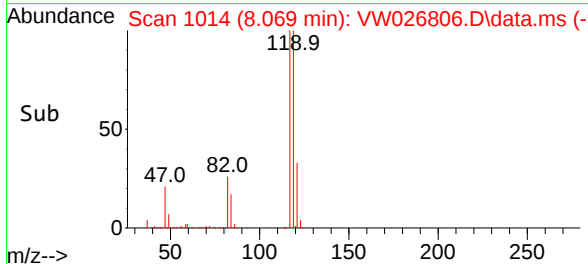
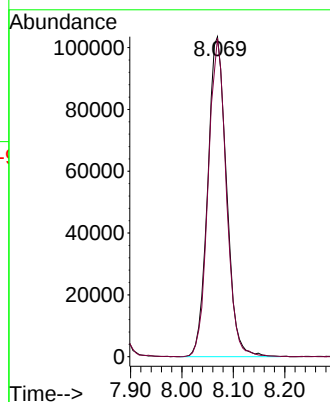
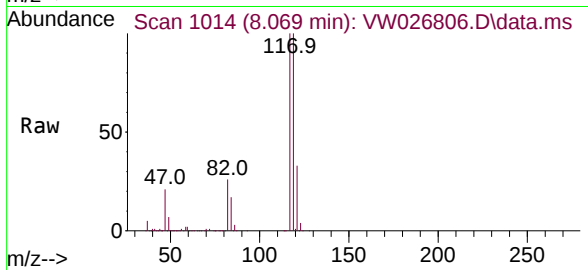




#31
Carbon tetrachloride
Concen: 26.333 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

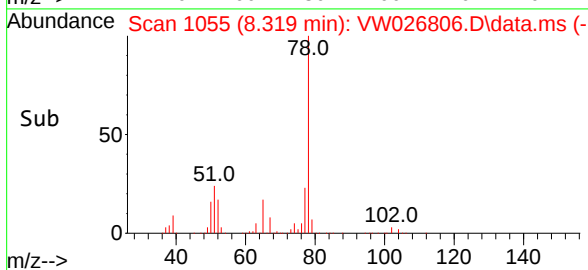
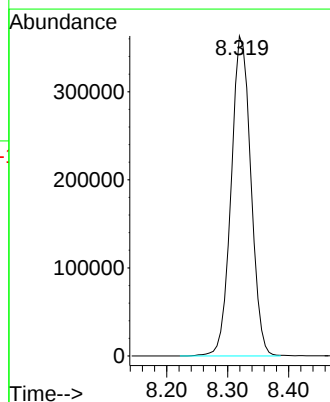
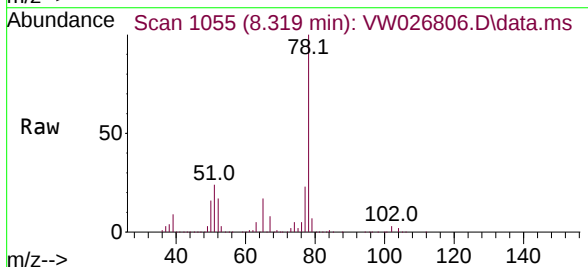
Instrument :
MSVOA_W
ClientSampleId :

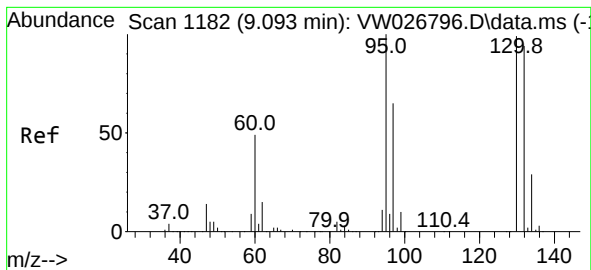
Tgt Ion:117 Resp: 262632
Ion Ratio Lower Upper
117 100
119 95.7 73.0 109.4



#33
Benzene
Concen: 26.868 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

Tgt Ion: 78 Resp: 817790





#34

Trichloroethene

Concen: 25.892 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 200712

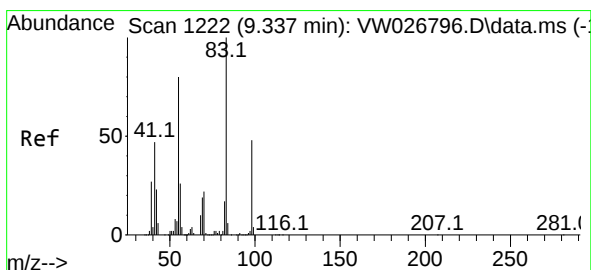
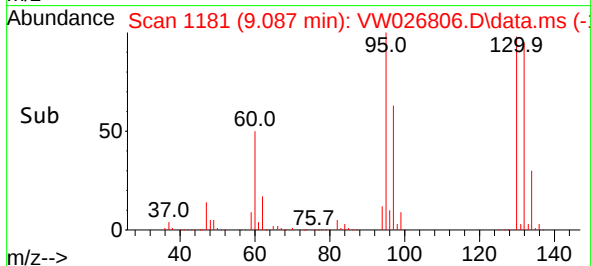
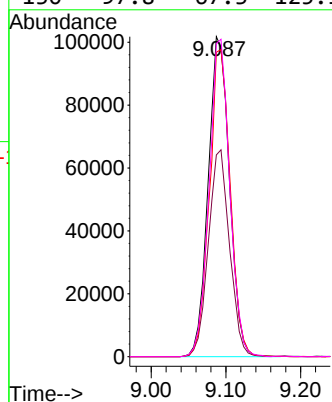
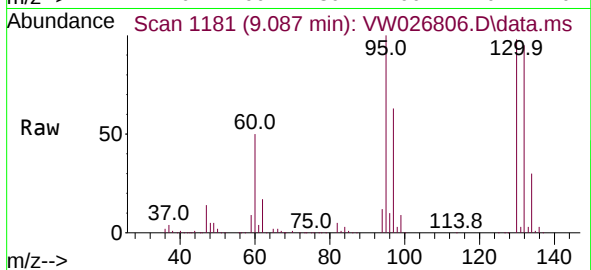
Ion Ratio Lower Upper

95 100

97 63.1 44.6 82.8

132 95.2 66.4 123.2

130 97.8 67.3 125.1



#35

Methylcyclohexane

Concen: 24.574 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

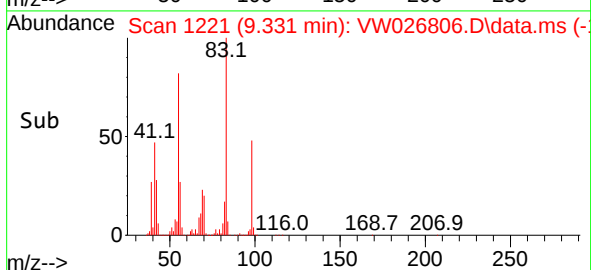
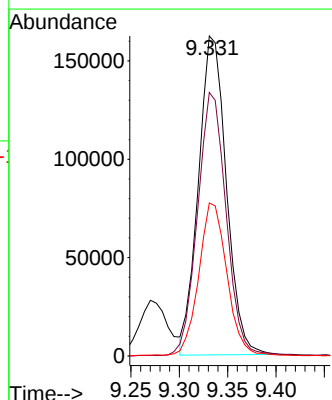
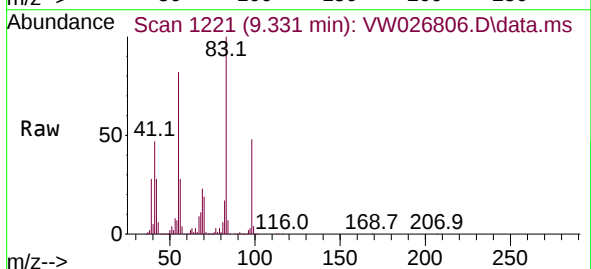
Tgt Ion: 83 Resp: 325887

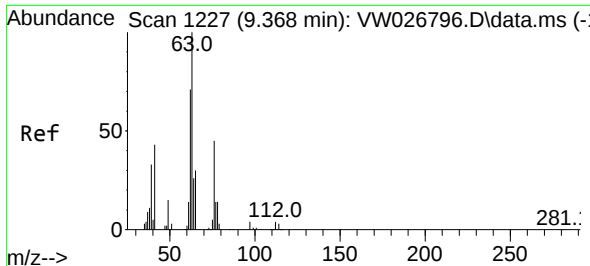
Ion Ratio Lower Upper

83 100

55 85.0 69.3 103.9

98 48.8 37.4 56.0





#37

1,2-Dichloropropane

Concen: 26.502 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

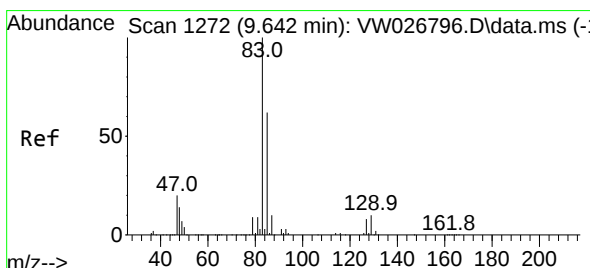
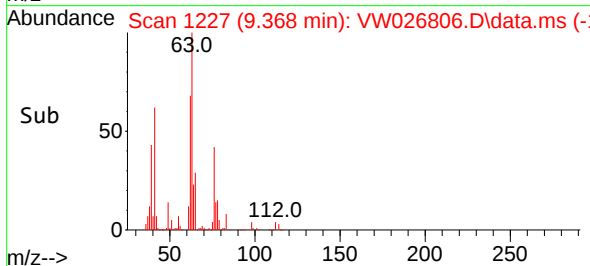
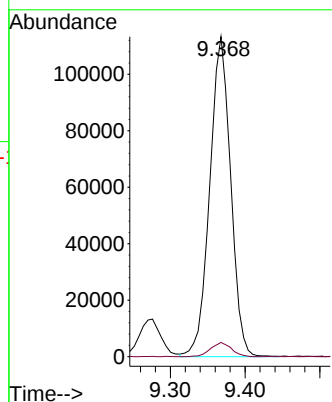
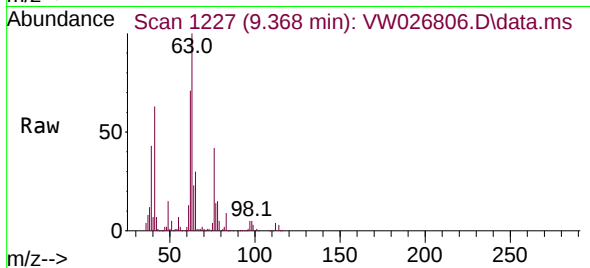
ClientSampleId :

Tgt Ion: 63 Resp: 220948

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 27.276 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

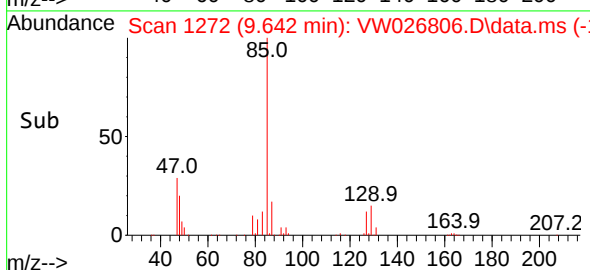
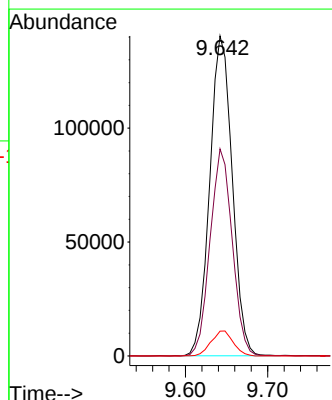
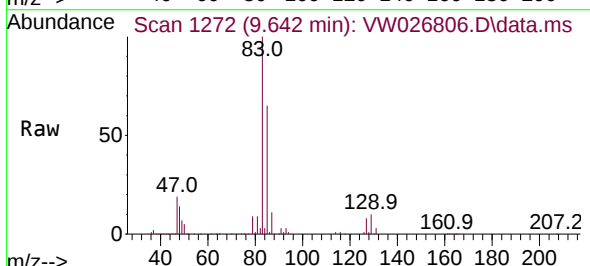
Tgt Ion: 83 Resp: 266766

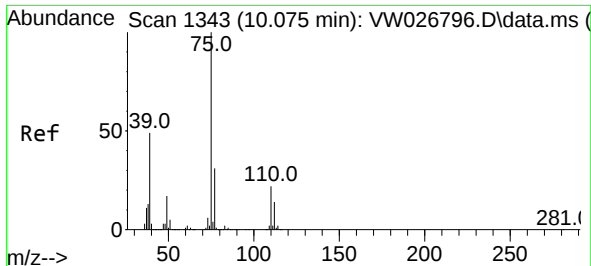
Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2

127 7.8 6.2 9.2

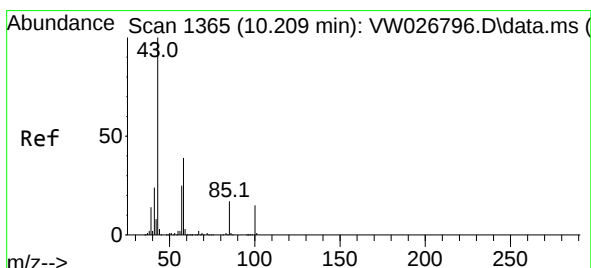
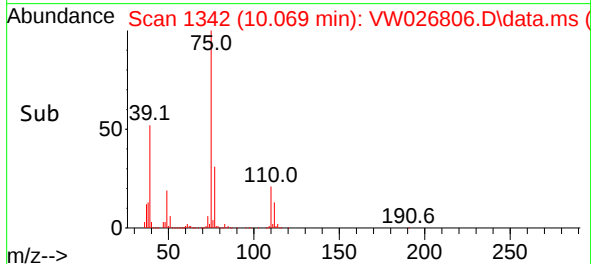
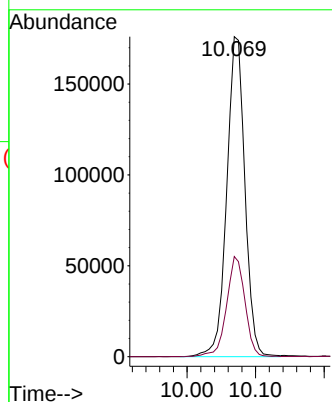
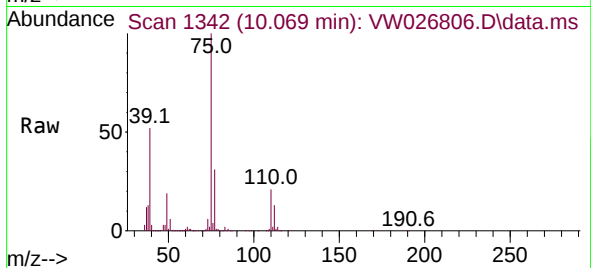




#39
 cis-1,3-Dichloropropene
 Concen: 26.991 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

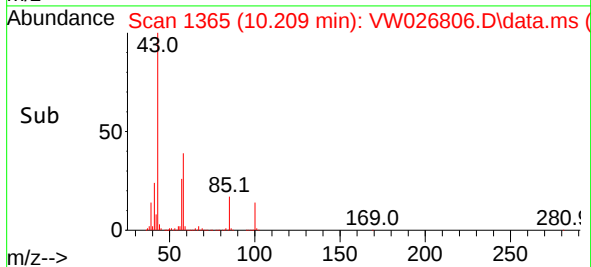
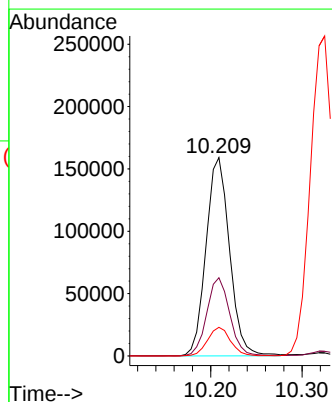
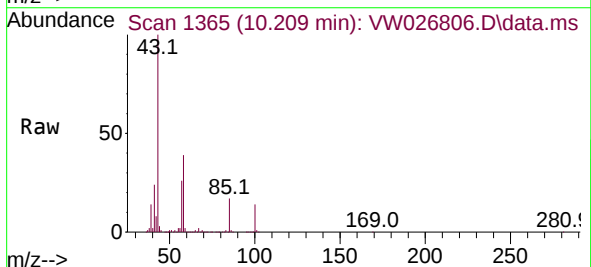
Instrument :
 MSVOA_W
 ClientSampleId :

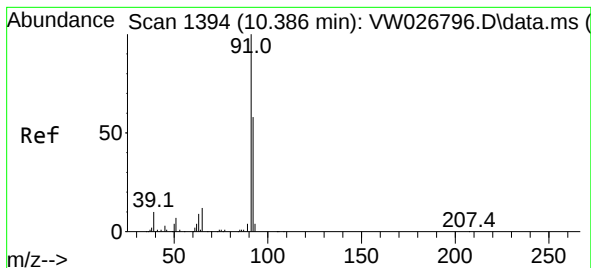
Tgt Ion: 75 Resp: 323715
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 52.454 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

Tgt Ion: 43 Resp: 284456
 Ion Ratio Lower Upper
 43 100
 58 38.5 29.2 43.8
 100 14.1 10.7 16.1





#42

Toluene

Concen: 27.951 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

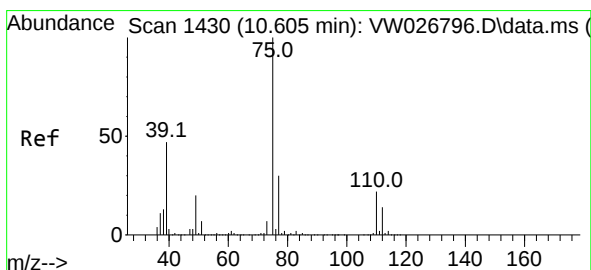
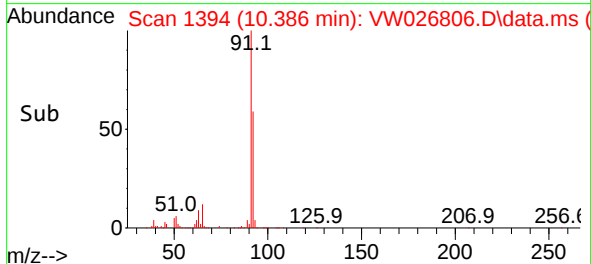
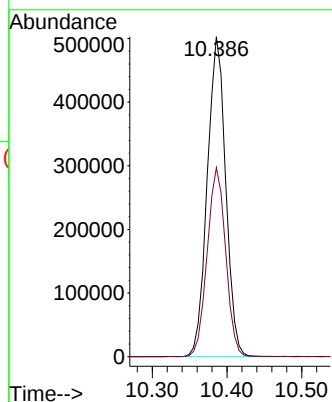
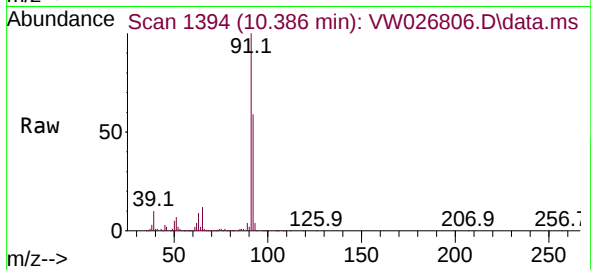
ClientSampleId :

Tgt Ion: 91 Resp: 860612

Ion Ratio Lower Upper

91 100

92 59.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 27.338 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026806.D

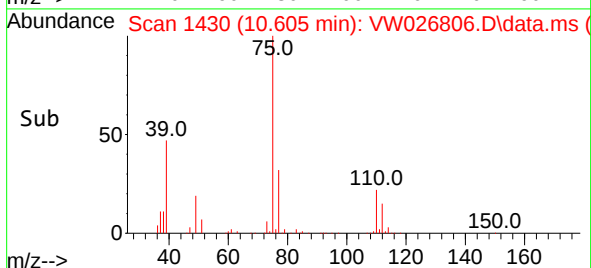
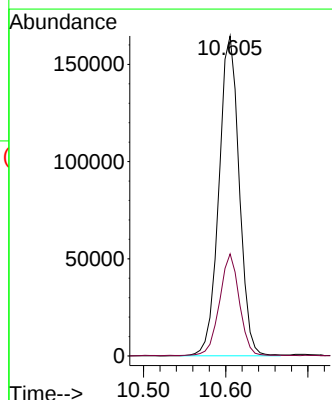
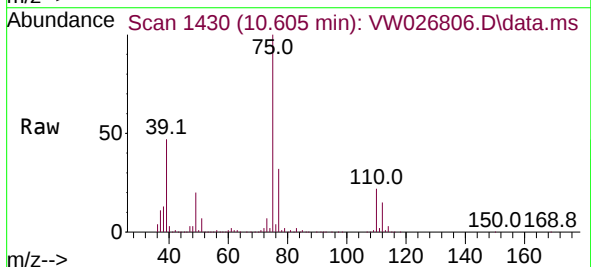
Acq: 22 Aug 2023 17:29

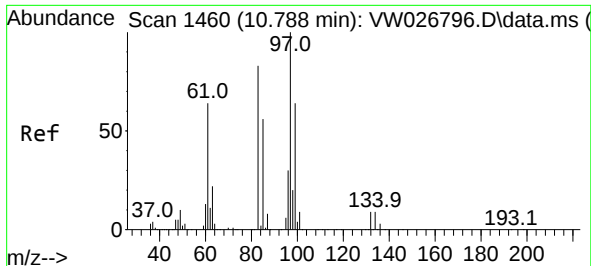
Tgt Ion: 75 Resp: 282212

Ion Ratio Lower Upper

75 100

77 31.9 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.714 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 158020

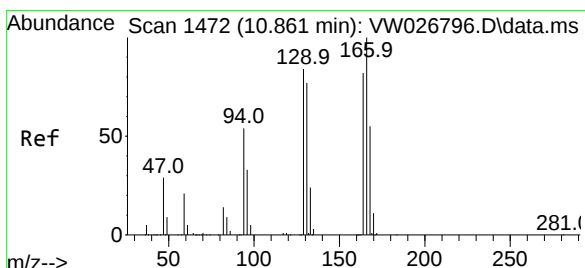
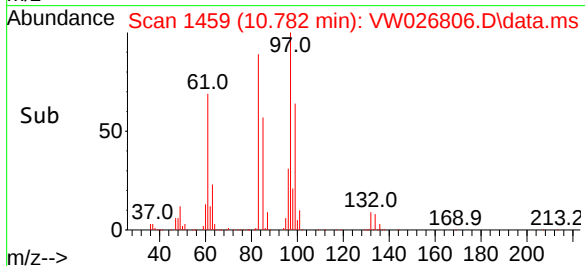
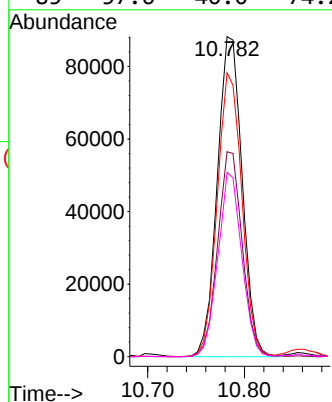
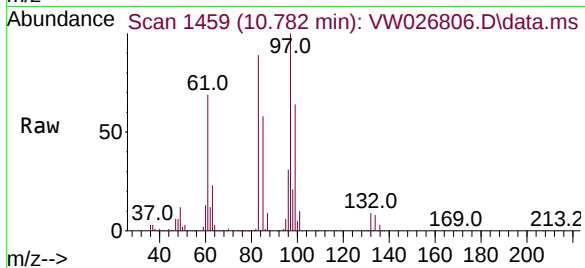
Ion Ratio Lower Upper

97 100

99 64.0 44.2 82.0

83 88.7 61.9 114.9

85 57.6 40.0 74.2



#46

Tetrachloroethene

Concen: 26.515 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Tgt Ion:164 Resp: 149326

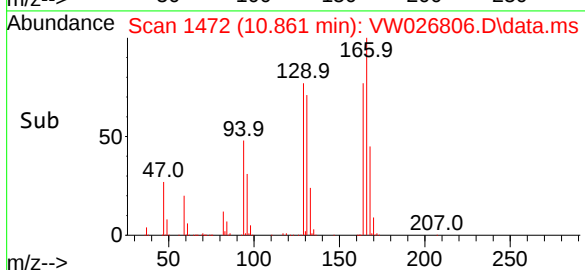
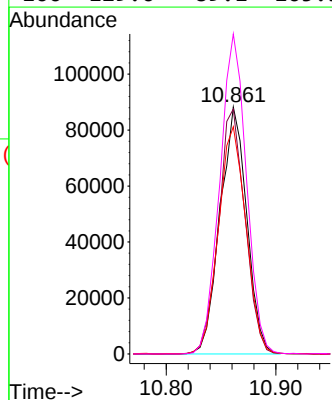
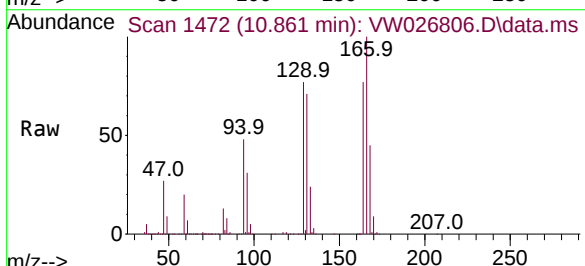
Ion Ratio Lower Upper

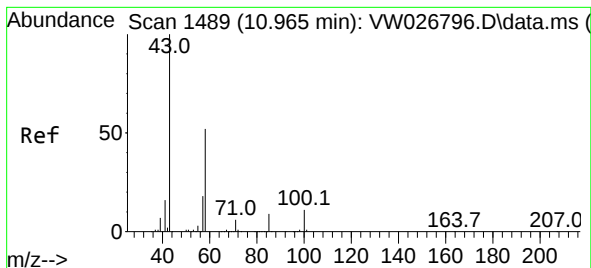
164 100

129 99.2 68.1 126.5

131 92.0 65.5 121.7

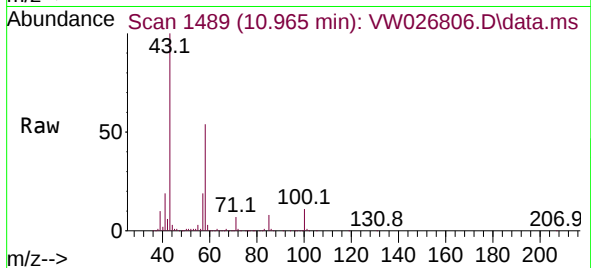
166 129.6 89.1 165.5



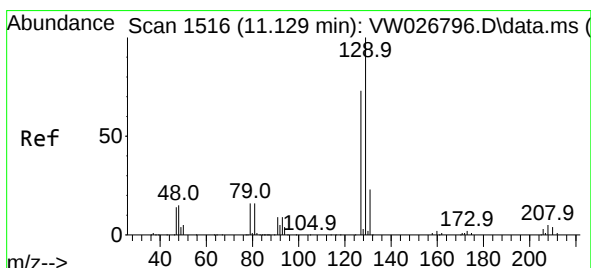
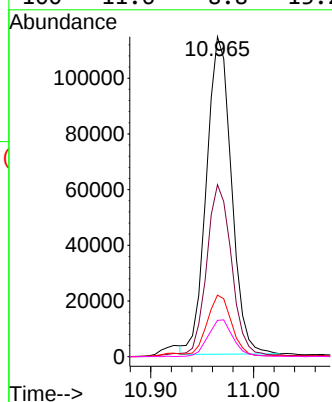
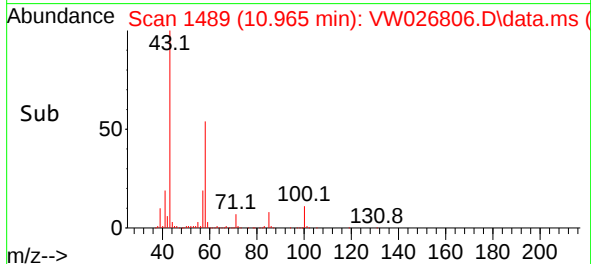


#48
2-Hexanone
Concen: 52.212 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

Instrument :
MSVOA_W
ClientSampleId :

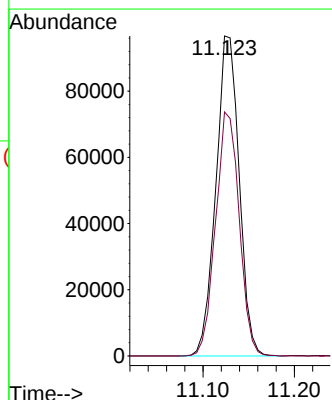
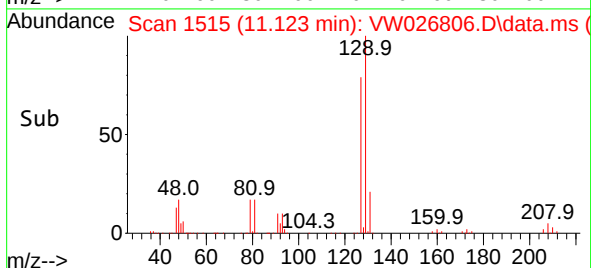
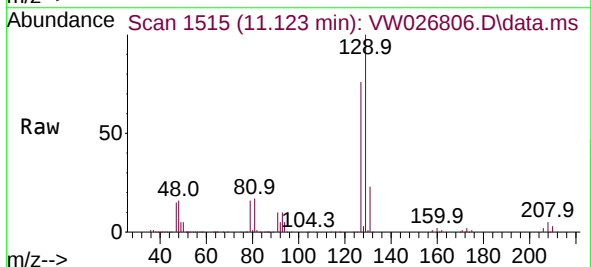


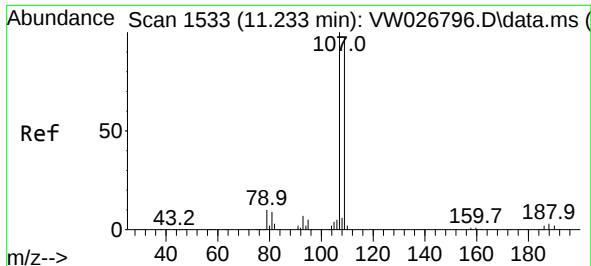
Tgt Ion: 43 Resp: 192663
Ion Ratio Lower Upper
43 100
58 52.6 41.1 61.7
57 19.0 14.3 21.5
100 11.6 8.8 13.2



#49
Dibromochloromethane
Concen: 28.748 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

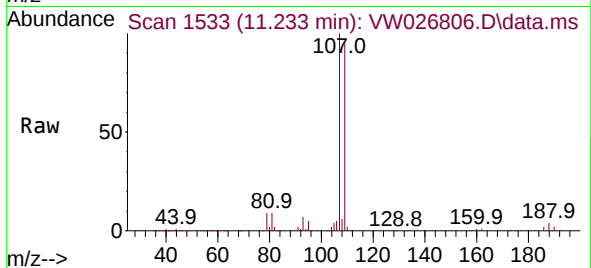
Tgt Ion: 129 Resp: 171436
Ion Ratio Lower Upper
129 100
127 76.2 56.6 105.2



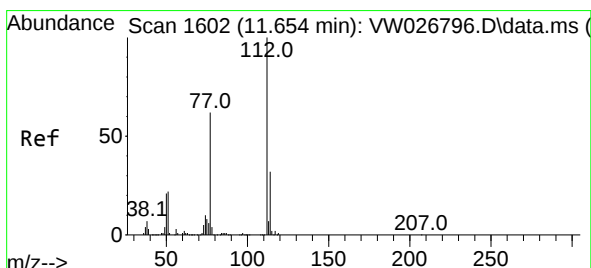
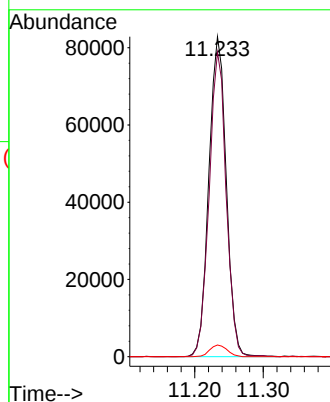
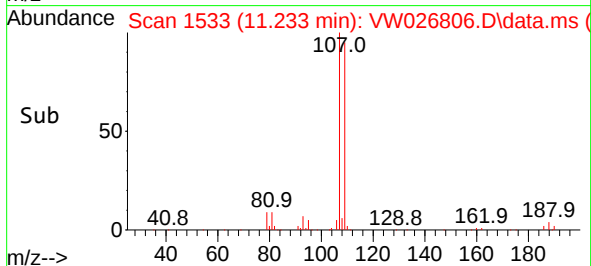


#50
1,2-Dibromoethane
Concen: 27.422 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

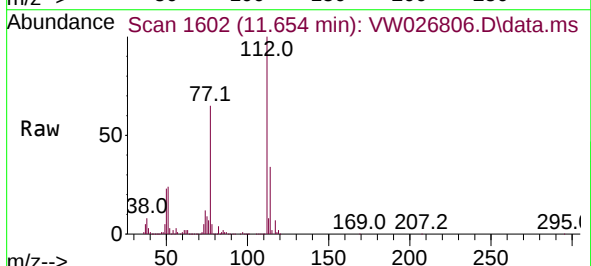
Instrument :
MSVOA_W
ClientSampleId :



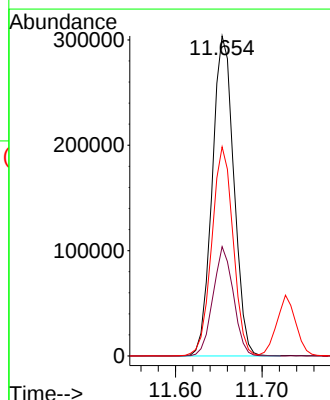
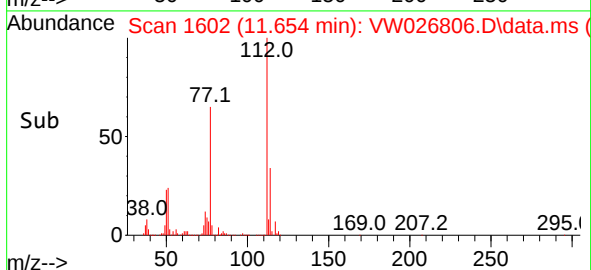
Tgt Ion:107 Resp: 146705
Ion Ratio Lower Upper
107 100
109 95.2 68.8 127.8
188 3.7 2.7 4.1

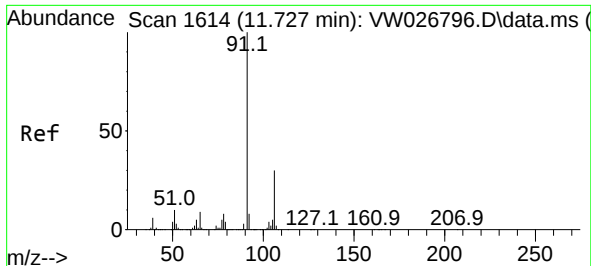


#51
Chlorobenzene
Concen: 27.092 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29



Tgt Ion:112 Resp: 526909
Ion Ratio Lower Upper
112 100
114 34.1 22.4 41.6
77 65.4 50.2 75.2

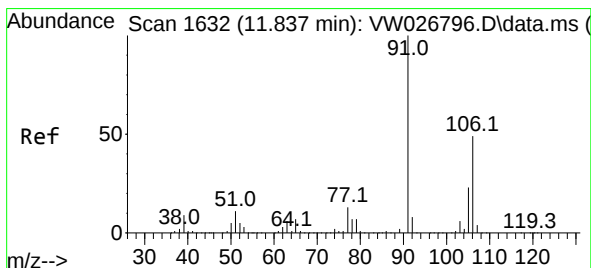
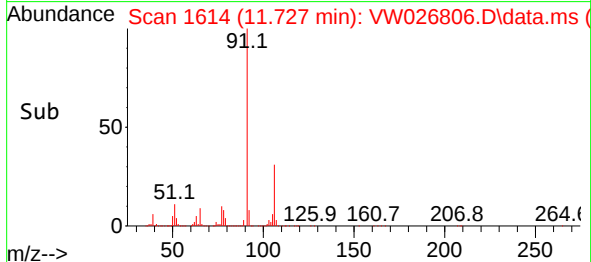
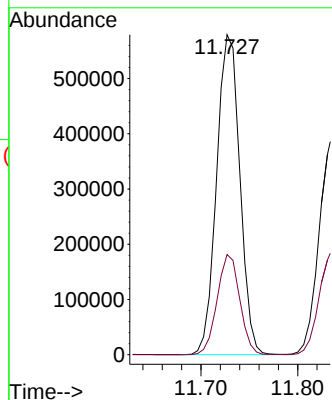
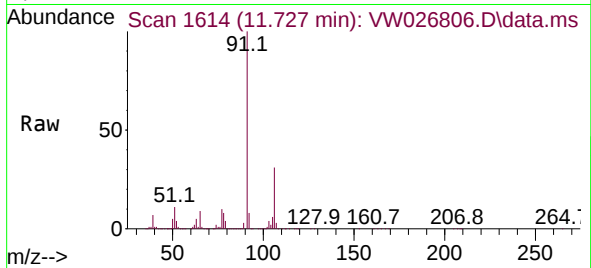




#52
Ethylbenzene
Concen: 27.989 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

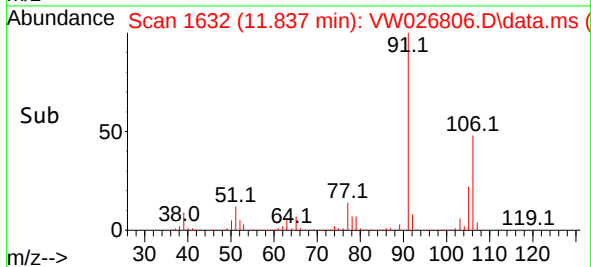
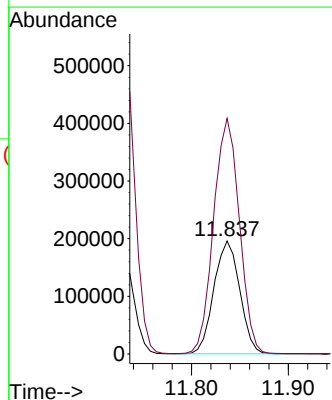
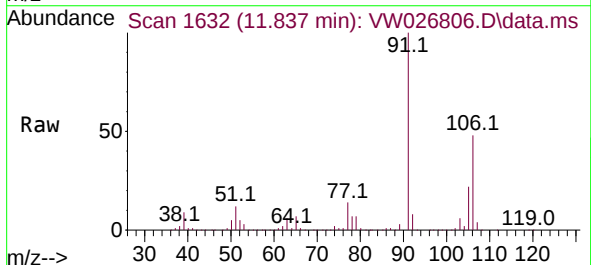
Instrument :
MSVOA_W
ClientSampleId :

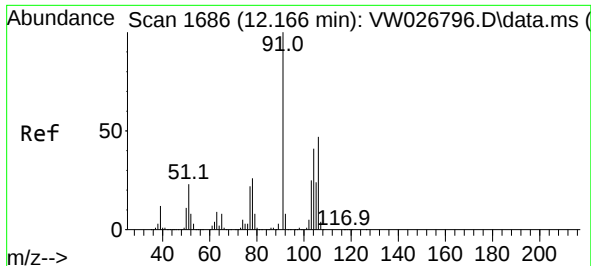
Tgt Ion: 91 Resp: 966422
Ion Ratio Lower Upper
91 100
106 31.3 20.2 37.6



#53
m,p-Xylene
Concen: 28.455 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

Tgt Ion: 106 Resp: 363981
Ion Ratio Lower Upper
106 100
91 208.6 152.9 284.1

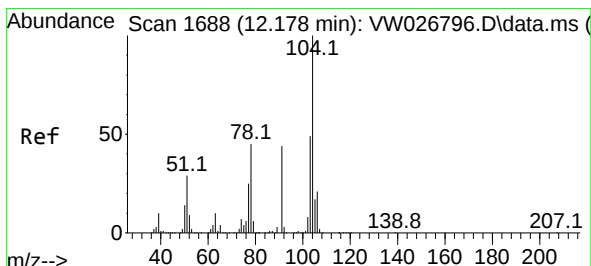
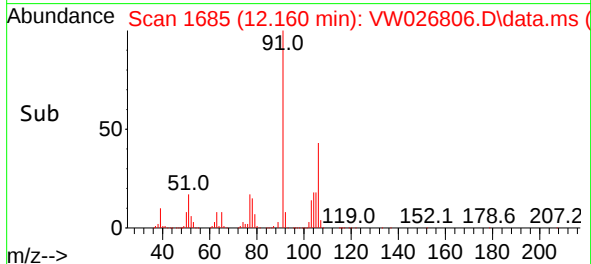
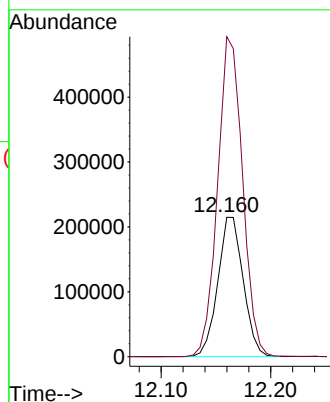
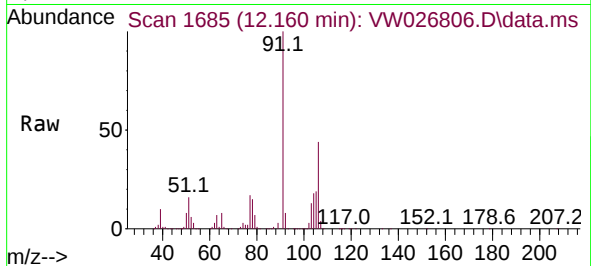




#54
o-Xylene
Concen: 28.999 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

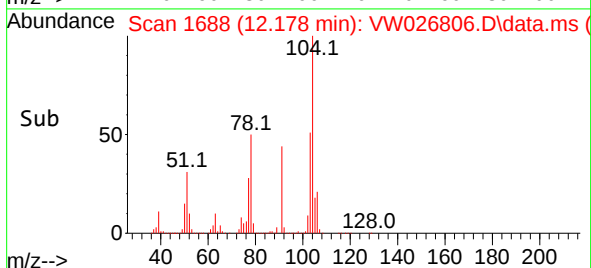
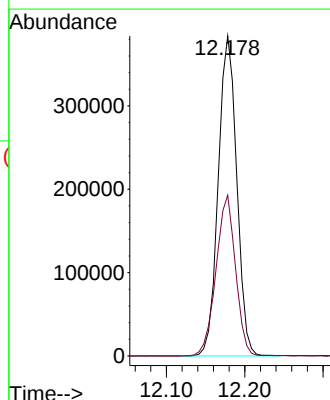
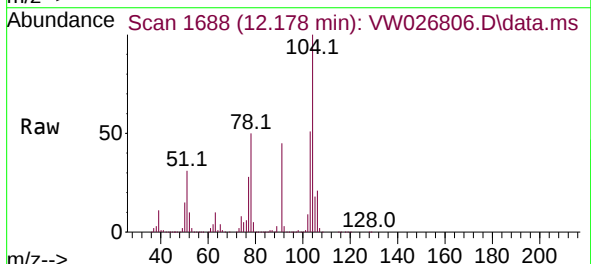
Instrument :
MSVOA_W
ClientSampleId :

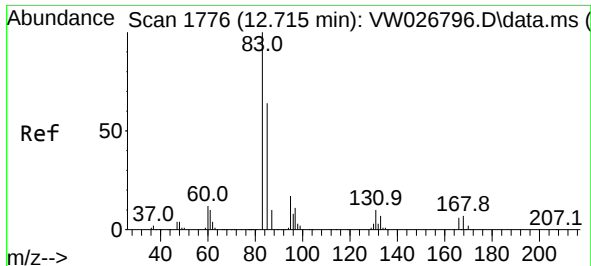
Tgt Ion:106 Resp: 346198
Ion Ratio Lower Upper
106 100
91 229.5 149.9 278.3



#55
Styrene
Concen: 30.399 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

Tgt Ion:104 Resp: 631009
Ion Ratio Lower Upper
104 100
78 50.2 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 28.222 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

ClientSampleId :

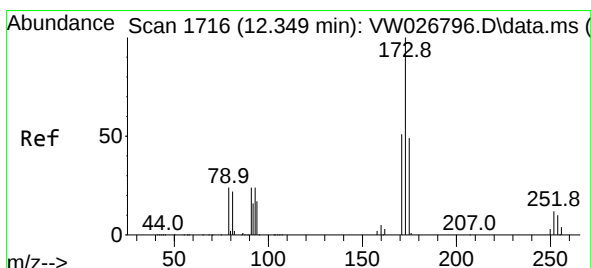
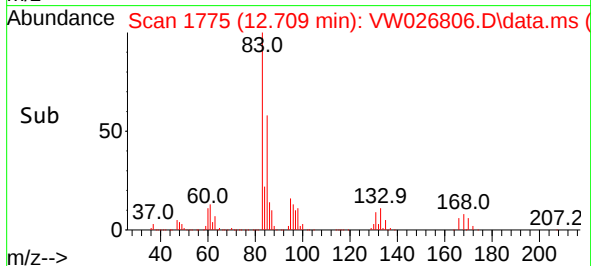
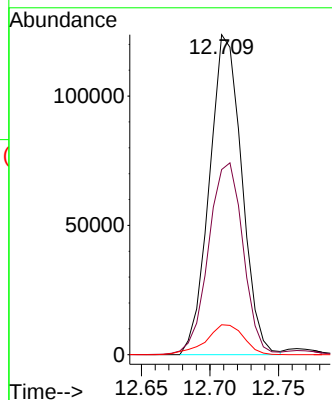
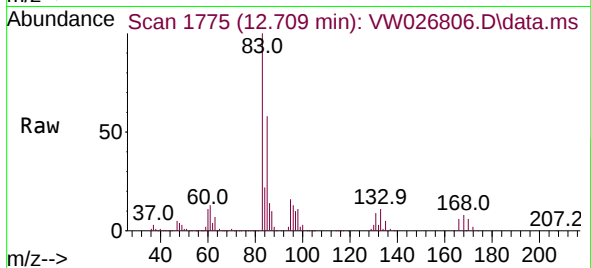
Tgt Ion: 83 Resp: 203795

Ion Ratio Lower Upper

83 100

85 57.9 44.9 83.3

131 9.4 7.4 11.0



#59

Bromoform

Concen: 27.202 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

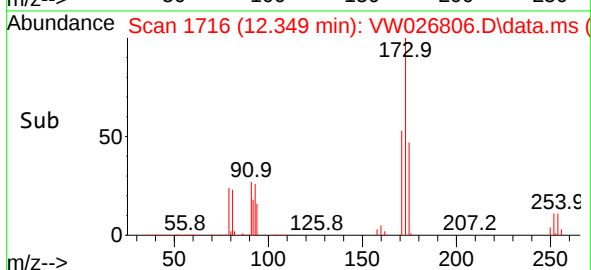
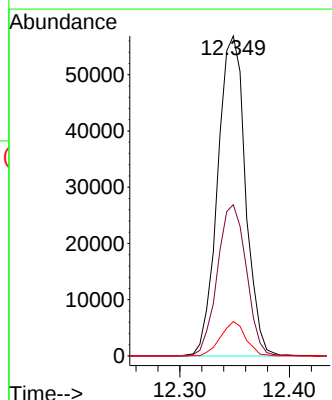
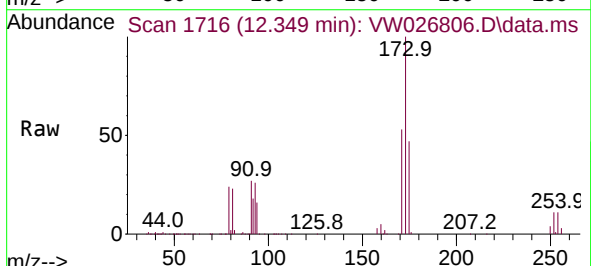
Tgt Ion:173 Resp: 100339

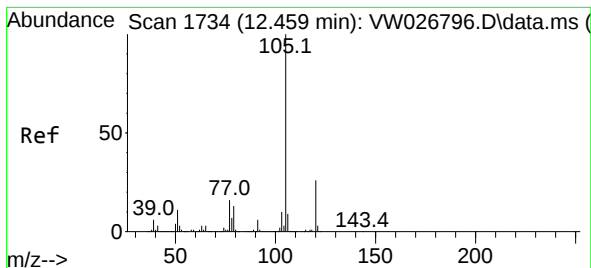
Ion Ratio Lower Upper

173 100

175 49.2 36.6 55.0

254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 28.202 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

ClientSampleId :

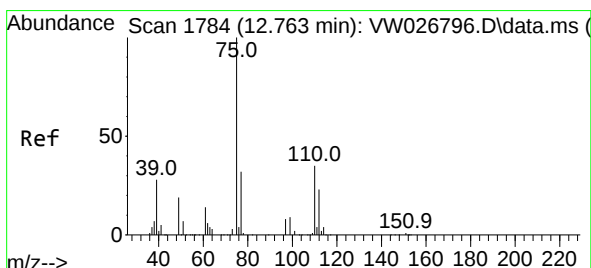
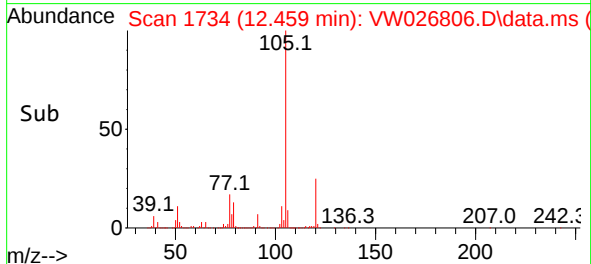
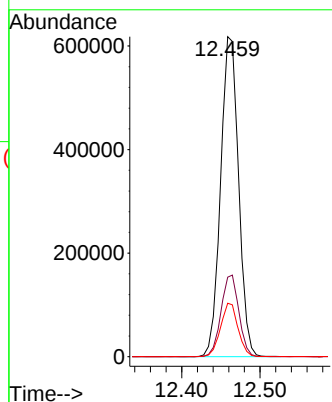
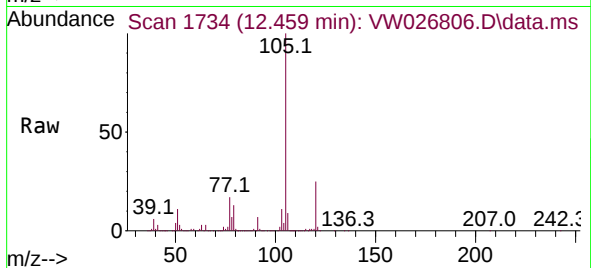
Tgt Ion:105 Resp: 987326

Ion Ratio Lower Upper

105 100

120 25.2 21.0 31.6

77 16.2 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.284 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

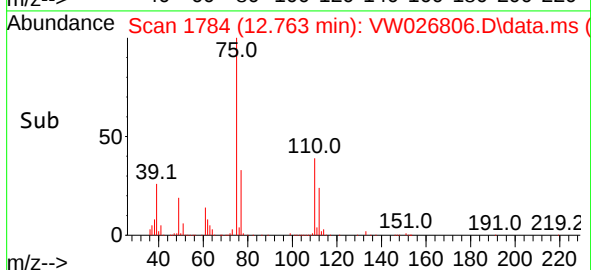
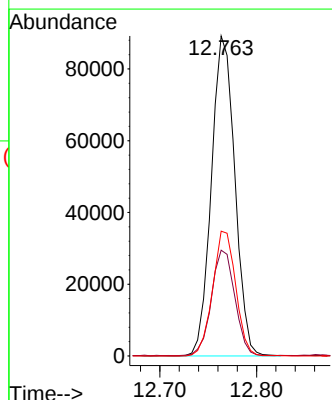
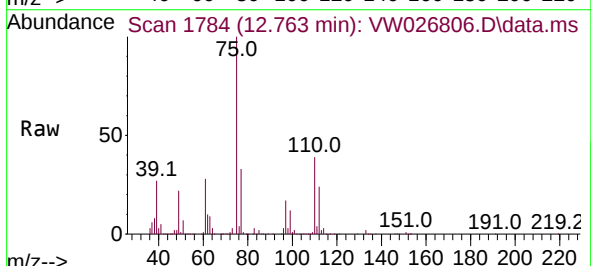
Tgt Ion: 75 Resp: 150127

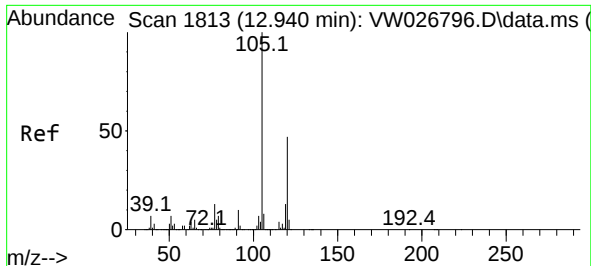
Ion Ratio Lower Upper

75 100

77 32.8 26.1 39.1

110 38.4 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 28.751 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

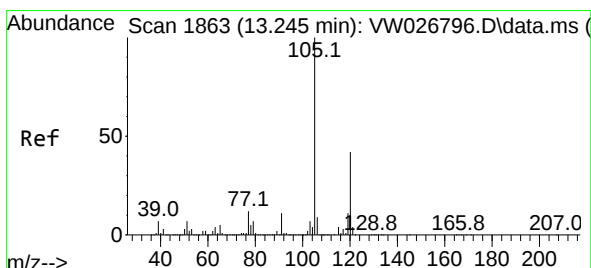
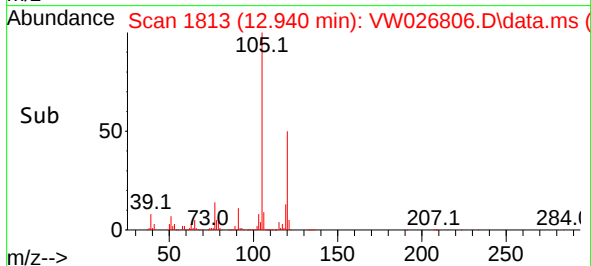
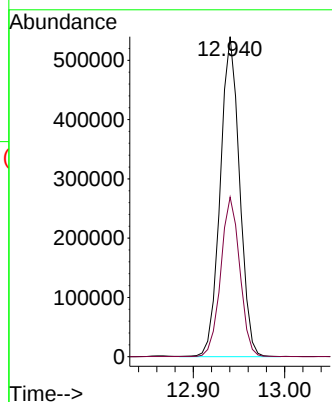
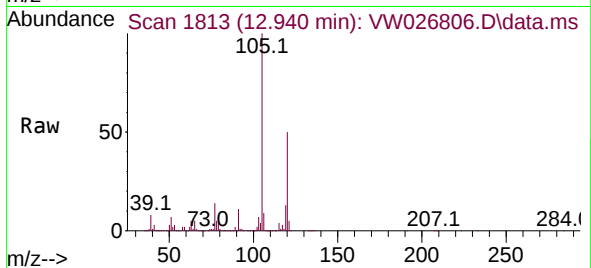
ClientSampleId :

Tgt Ion:105 Resp: 795575

Ion Ratio Lower Upper

105 100

120 49.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 29.911 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026806.D

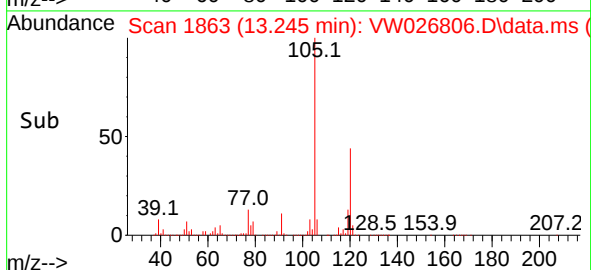
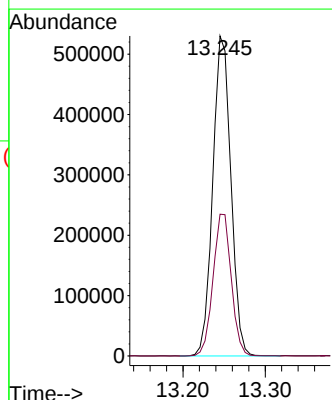
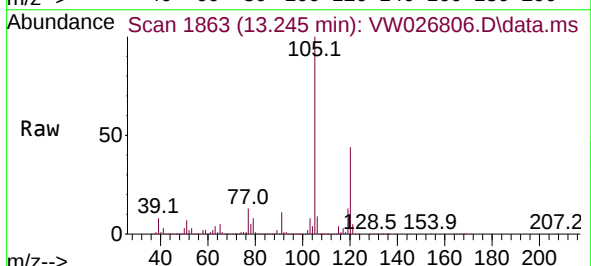
Acq: 22 Aug 2023 17:29

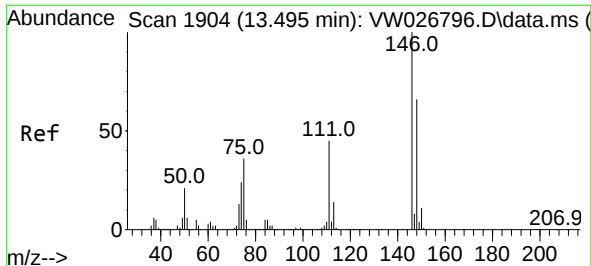
Tgt Ion:105 Resp: 811061

Ion Ratio Lower Upper

105 100

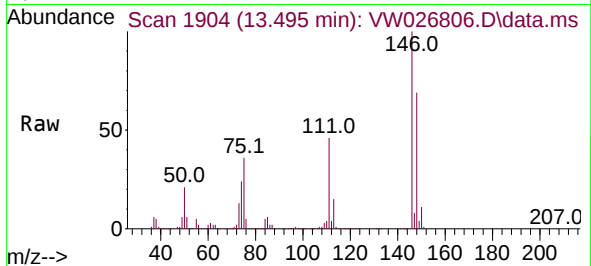
120 44.7 36.2 54.4



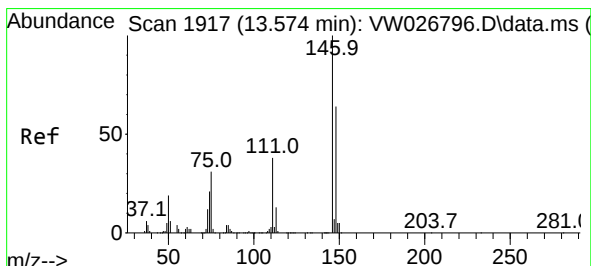
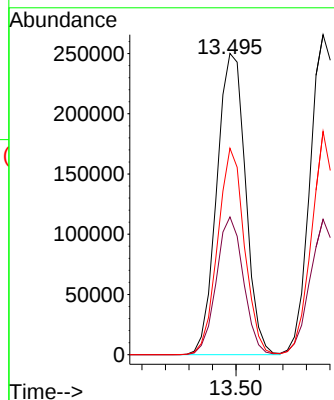
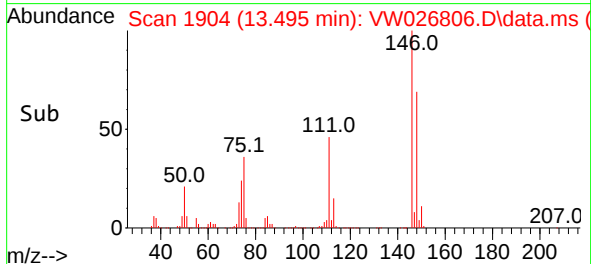


#64
1,3-Dichlorobenzene
Concen: 27.886 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29

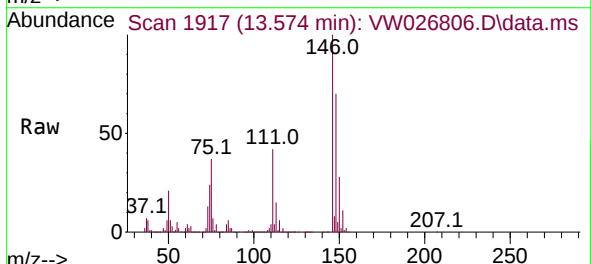
Instrument :
MSVOA_W
ClientSampleId :



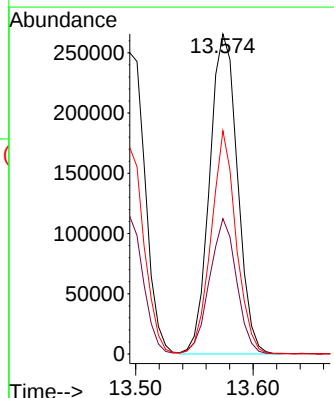
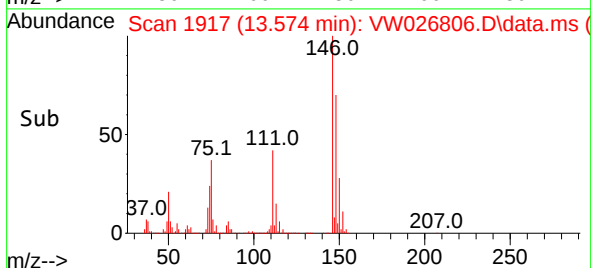
Tgt Ion:146 Resp: 424570
Ion Ratio Lower Upper
146 100
111 45.7 29.1 54.1
148 68.5 38.8 72.0

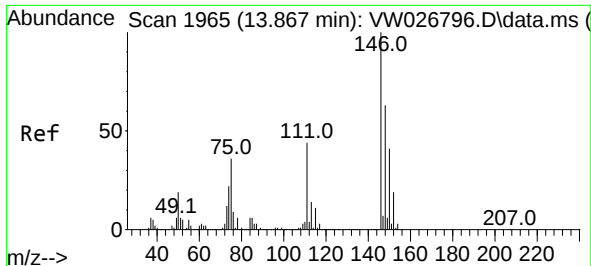


#65
1,4-Dichlorobenzene
Concen: 27.511 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW026806.D
Acq: 22 Aug 2023 17:29



Tgt Ion:146 Resp: 437132
Ion Ratio Lower Upper
146 100
111 42.3 28.3 52.7
148 69.7 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 28.029 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

ClientSampleId :

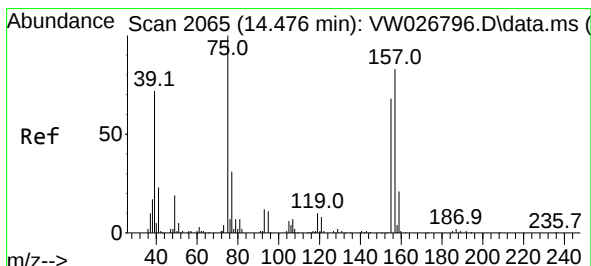
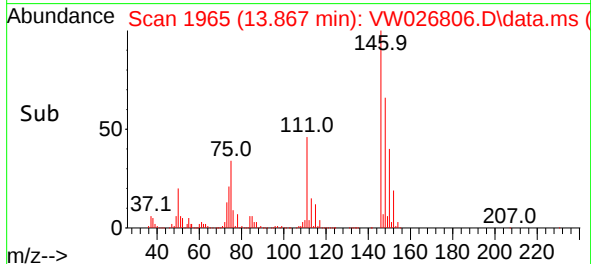
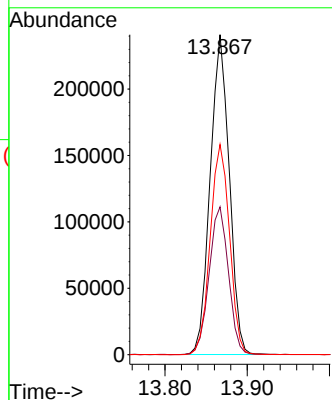
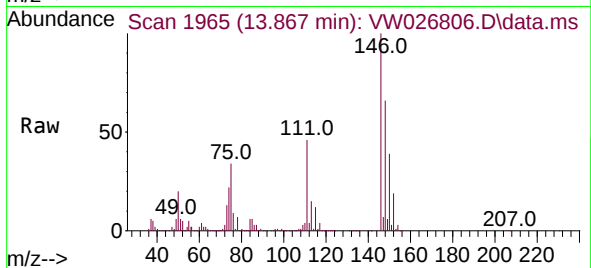
Tgt Ion:146 Resp: 388069

Ion Ratio Lower Upper

146 100

111 46.2 34.6 52.0

148 65.7 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.584 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

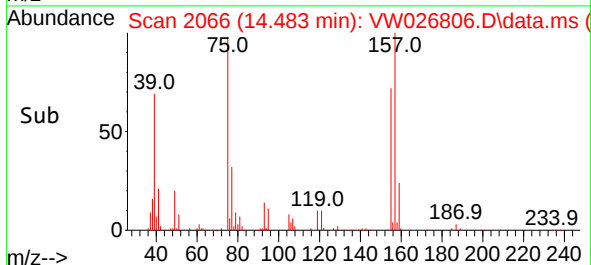
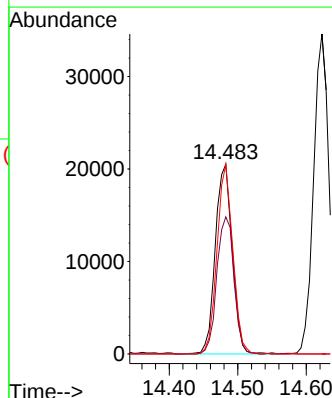
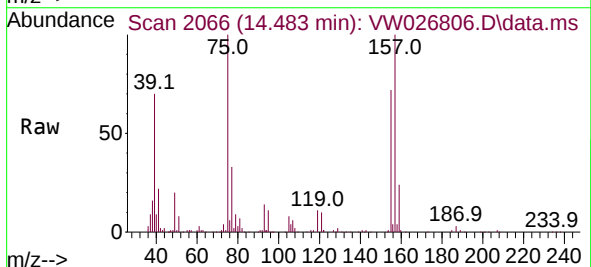
Tgt Ion: 75 Resp: 35229

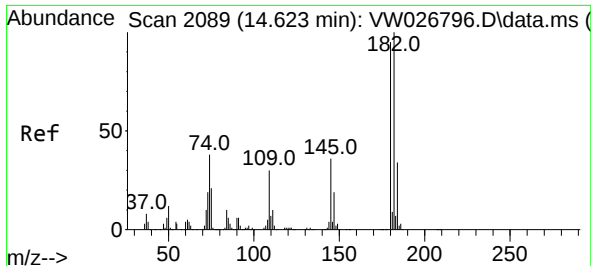
Ion Ratio Lower Upper

75 100

155 72.3 55.0 82.6

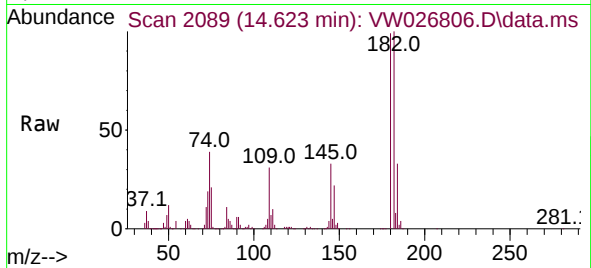
157 99.8 77.8 116.6



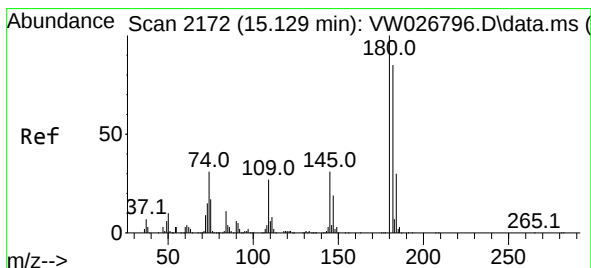
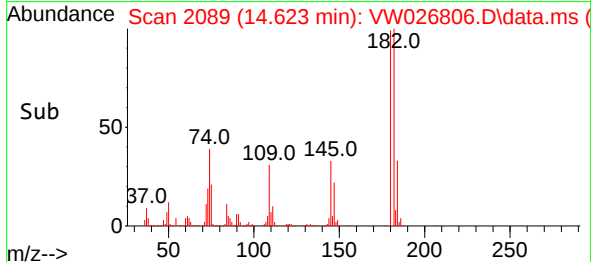
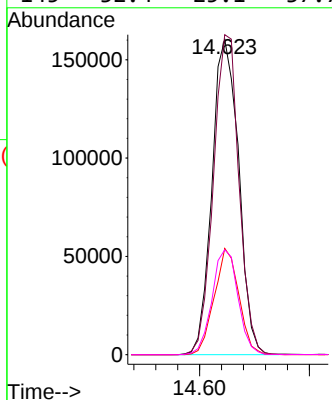


#69
 1,3,5-Trichlorobenzene
 Concen: 26.279 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

Instrument :
 MSVOA_W
 ClientSampleId :

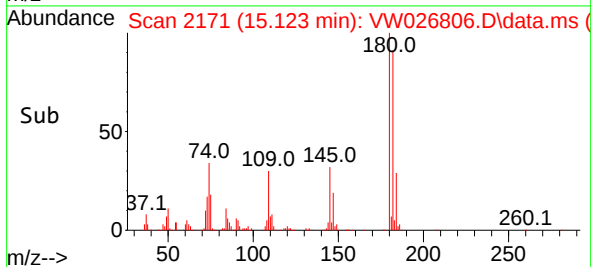
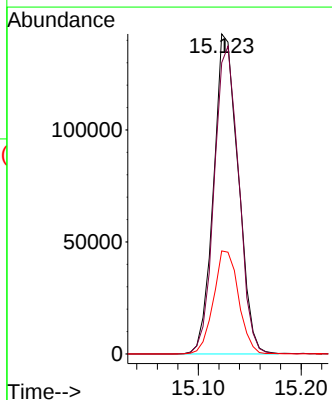
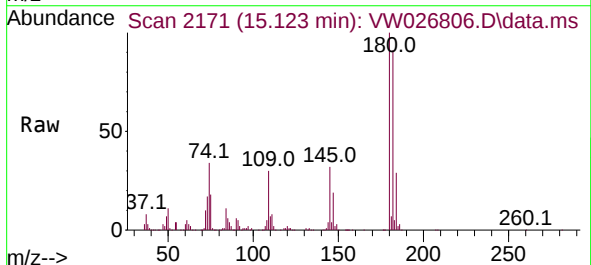


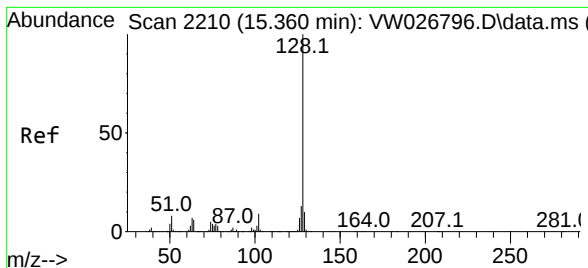
Tgt Ion:	180	Resp:	270316
Ion Ratio	Lower	Upper	
180	100		
182	97.6	75.2	112.8
184	31.2	23.8	35.8
145	32.4	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 27.290 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW026806.D
 Acq: 22 Aug 2023 17:29

Tgt Ion:	180	Resp:	238001
Ion Ratio	Lower	Upper	
180	100		
182	95.4	72.5	108.7
145	32.7	24.7	37.1





#71

Naphthalene

Concen: 28.644 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Instrument :

MSVOA_W

ClientSampleId :

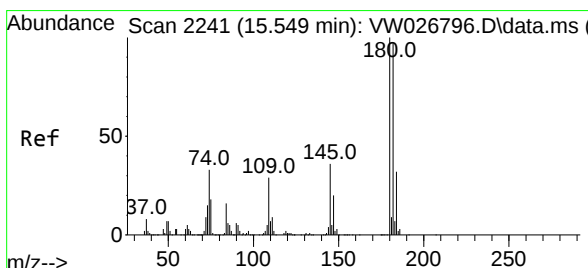
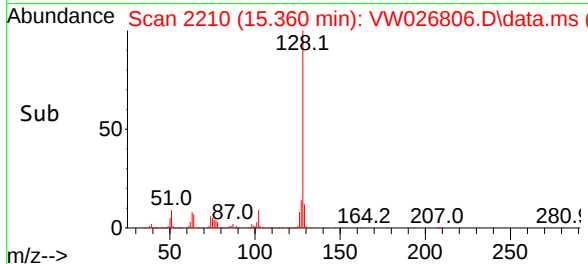
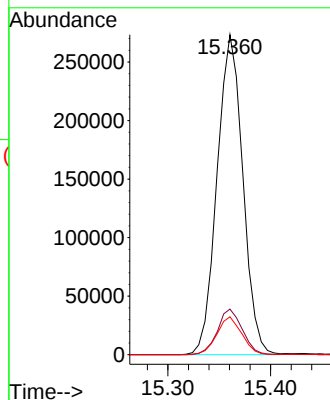
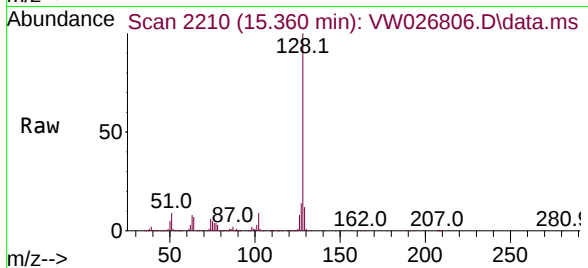
Tgt Ion:128 Resp: 476517

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.4 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 28.988 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026806.D

Acq: 22 Aug 2023 17:29

Tgt Ion:180 Resp: 228025

Ion Ratio Lower Upper

180 100

182 94.0 74.6 112.0

145 34.3 27.0 40.6

