

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082123\
 Data File : VW026794.D
 Acq On : 21 Aug 2023 16:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 22 01:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 22 01:31:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	503348	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	543899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	288938	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	127533	15.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.640%
7) Chloroethane-d5	2.893	69	118947	19.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.320%
11) 1,1-Dichloroethene-d2	4.027	65	74696	18.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.400%
21) 2-Butanone-d5	7.075	46	138803	58.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.720%
24) Chloroform-d	7.648	84	431723	25.555	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.240%
26) 1,2-Dichloroethane-d4	8.307	65	247687	26.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.280%
32) Benzene-d6	8.276	84	847632	22.612	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.440%
36) 1,2-Dichloropropane-d6	9.276	67	283207	24.255	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	10.325	98	782421	24.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	10.575	79	125626	26.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.240%
47) 2-Hexanone-d5	10.922	63	83533	68.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	287530	31.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.720%#
66) 1,2-Dichlorobenzene-d4	13.848	152	279798	27.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	113362	16.565	ug/L #	80
3) Chloromethane	2.228	50	186240	19.902	ug/L	99
5) Vinyl chloride	2.381	62	182371	20.386	ug/L	99
6) Bromomethane	2.789	94	114287	21.927	ug/L	97
8) Chloroethane	2.930	64	111208	20.747	ug/L	97
9) Trichlorofluoromethane	3.259	101	142863	19.459	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	173831	21.920	ug/L	97
12) 1,1-Dichloroethene	4.051	96	167461	22.509	ug/L	95
13) Acetone	4.118	43	74262	31.405	ug/L	92
14) Carbon disulfide	4.393	76	554031	20.699	ug/L	99
15) Methyl Acetate	4.673	43	117354	24.775	ug/L	97
16) Methylene chloride	4.923	84	200082	20.549	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	193941	23.360	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	339106	26.995	ug/L	97
19) 1,1-Dichloroethane	6.216	63	398940	23.348	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	222830	24.971	ug/L	96
22) 2-Butanone	7.173	43	149839	42.998	ug/L	96
23) Bromochloromethane	7.514	128	97271	25.234	ug/L	95
25) Chloroform	7.673	83	396060	23.993	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

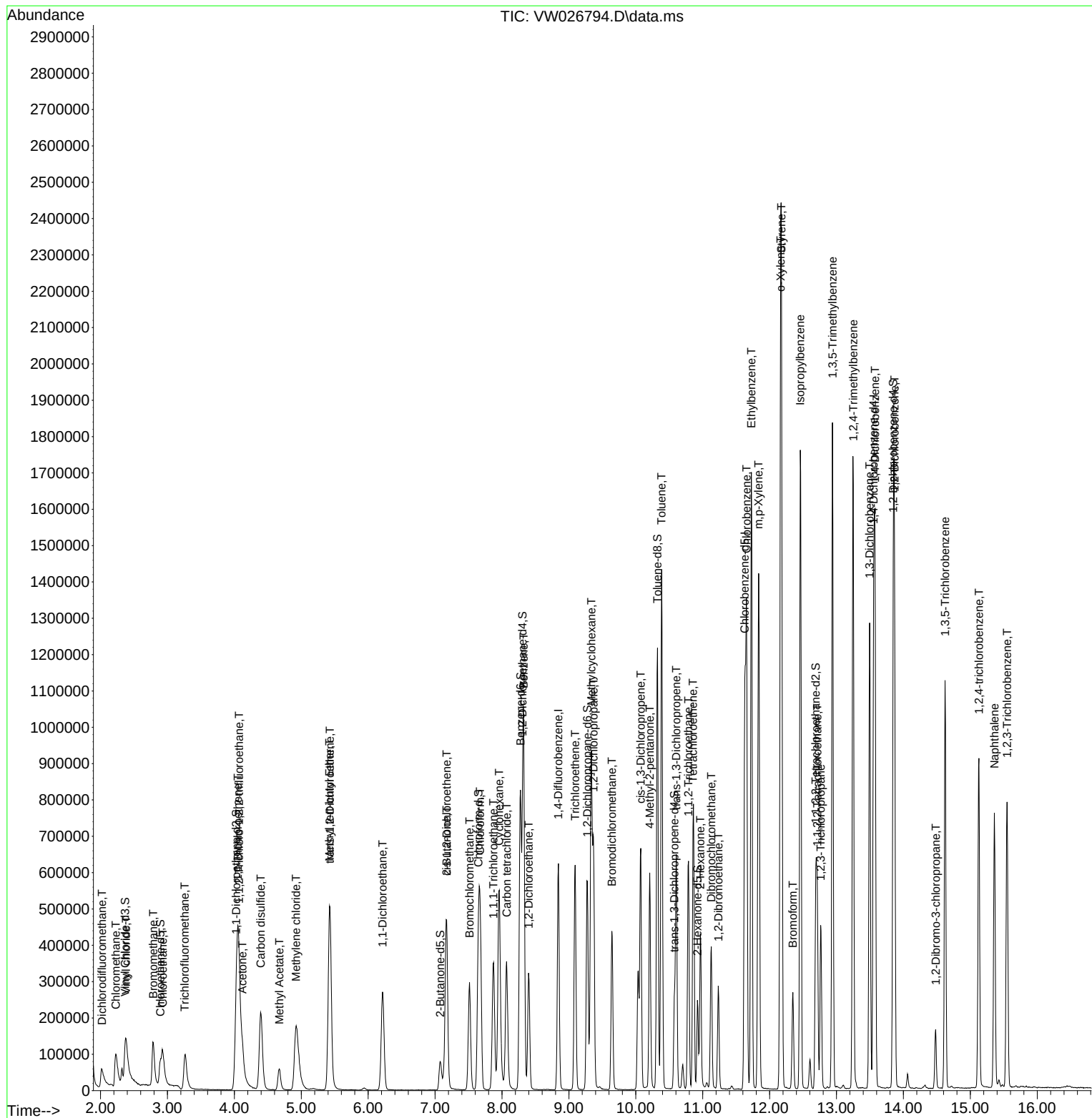
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288110	25.018	ug/L	98
29) Cyclohexane	7.959	56	344836	20.501	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	293648	20.687	ug/L	99
31) Carbon tetrachloride	8.069	117	273928	21.106	ug/L	97
33) Benzene	8.325	78	881527	22.256	ug/L	100
34) Trichloroethene	9.093	95	221652	21.972	ug/L	98
35) Methylcyclohexane	9.337	83	376985	21.845	ug/L	96
37) 1,2-Dichloropropane	9.367	63	250016	23.045	ug/L	99
38) Bromodichloromethane	9.642	83	294191	23.115	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	397634	25.477	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	395979	56.112	ug/L	97
42) Toluene	10.386	91	1000909	24.981	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	345469	25.717	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	198627	26.770	ug/L	99
46) Tetrachloroethene	10.855	164	171233	23.365	ug/L	96
48) 2-Hexanone	10.965	43	275041	57.278	ug/L	96
49) Dibromochloromethane	11.129	129	204573	26.361	ug/L	97
50) 1,2-Dibromoethane	11.233	107	187724	26.964	ug/L	93
51) Chlorobenzene	11.654	112	641320	25.339	ug/L	98
52) Ethylbenzene	11.727	91	1170412	26.049	ug/L	97
53) m,p-Xylene	11.836	106	435971	26.191	ug/L	97
54) o-Xylene	12.166	106	425299	27.376	ug/L	94
55) Styrene	12.178	104	761023	28.174	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	258976	27.560	ug/L	99
59) Bromoform	12.349	173	123152	27.209	ug/L	97
60) Isopropylbenzene	12.458	105	1117431	26.012	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	192740	27.500	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	933205	27.484	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	917340	27.570	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	500581	26.794	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	504059	25.853	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	467793	27.535	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	44022	26.054	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	329501	26.105	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	281171	26.274	ug/L	98
71) Naphthalene	15.360	128	613348	30.046	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	257797	26.708	ug/L	99

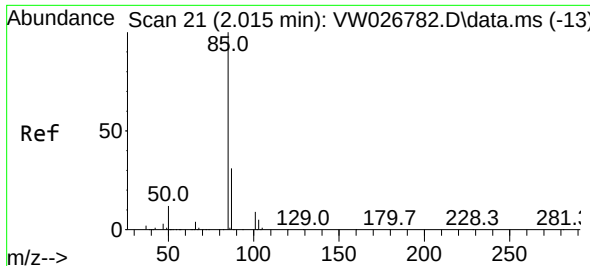
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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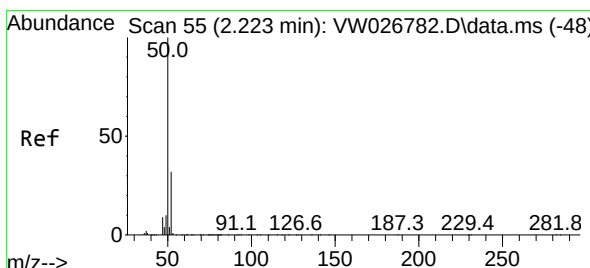
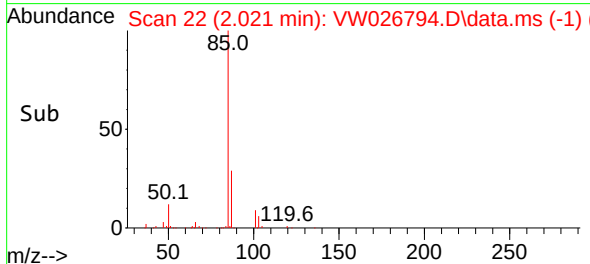
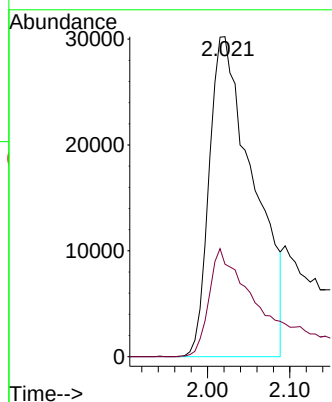
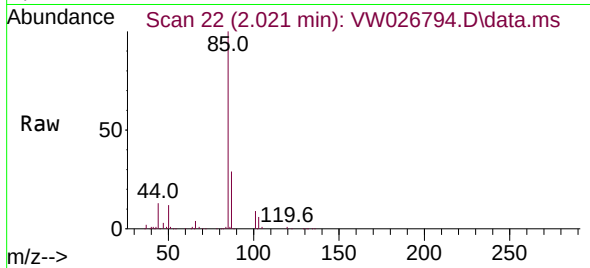




#2
 Dichlorodifluoromethane
 Concen: 16.565 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026794.D
 Acq: 21 Aug 2023 16:41

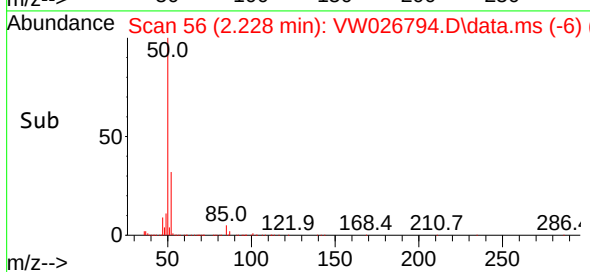
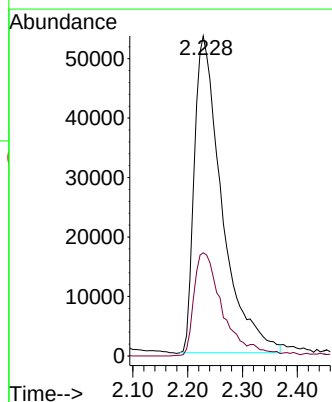
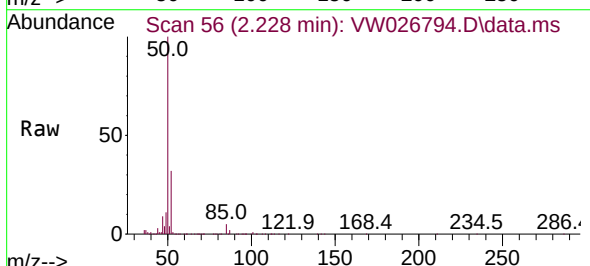
Instrument :
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 ClientSampleId :

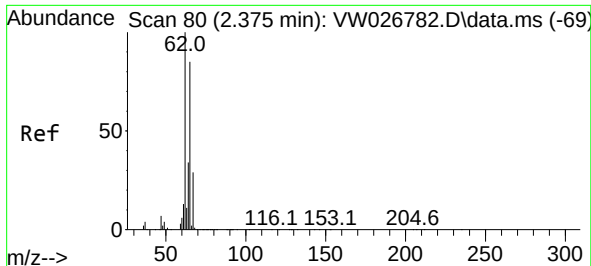
Tgt Ion: 85 Resp: 113362
 Ion Ratio Lower Upper
 85 100
 87 34.3 19.5 29.3#



#3
 Chloromethane
 Concen: 19.902 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026794.D
 Acq: 21 Aug 2023 16:41

Tgt Ion: 50 Resp: 186240
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.8

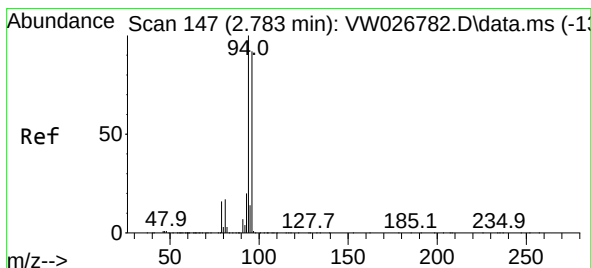
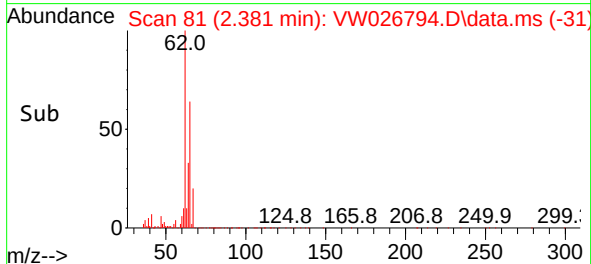
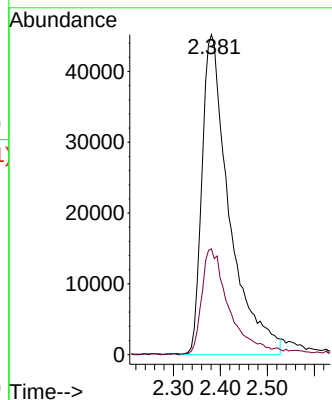
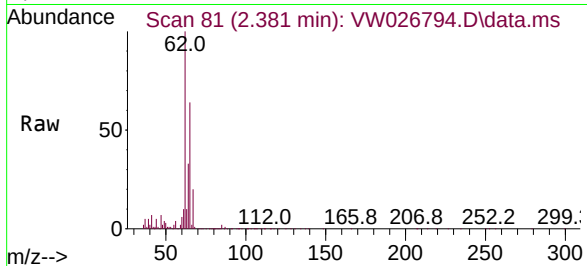




#5
 Vinyl chloride
 Concen: 20.386 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW026794.D
 Acq: 21 Aug 2023 16:41

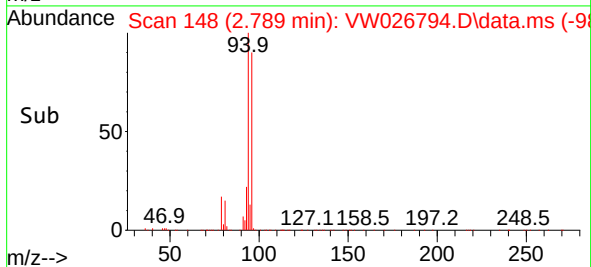
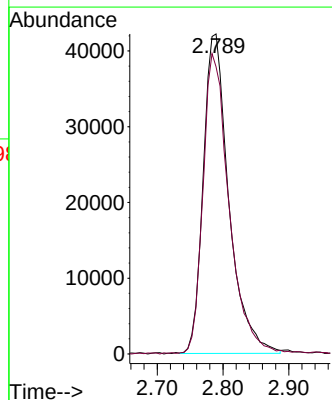
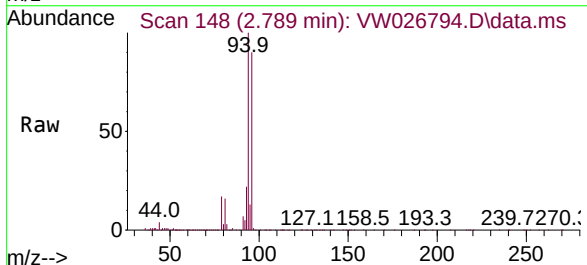
Instrument :
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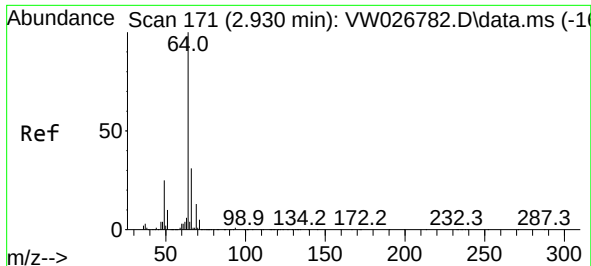
Tgt Ion: 62 Resp: 182371
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.3



#6
 Bromomethane
 Concen: 21.927 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW026794.D
 Acq: 21 Aug 2023 16:41

Tgt Ion: 94 Resp: 114287
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.8 120.3

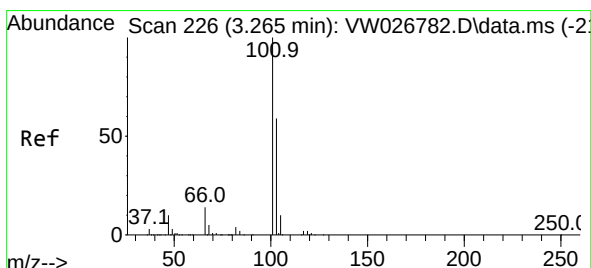
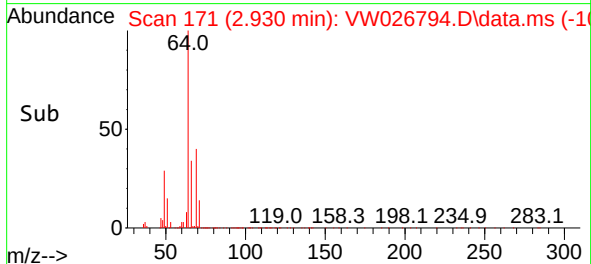
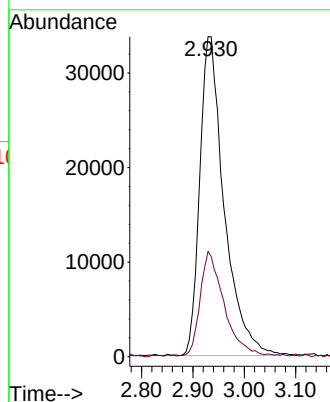
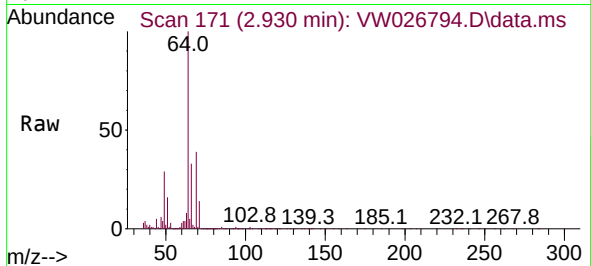




#8
Chloroethane
Concen: 20.747 ug/L
RT: 2.930 min Scan# 111
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

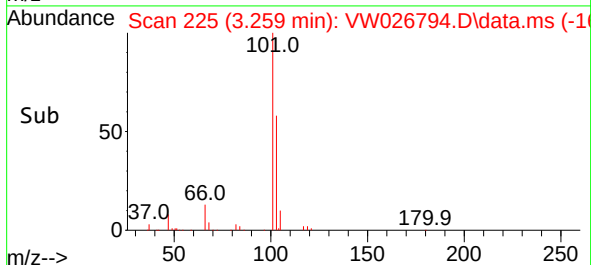
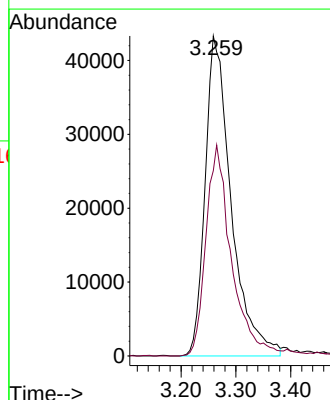
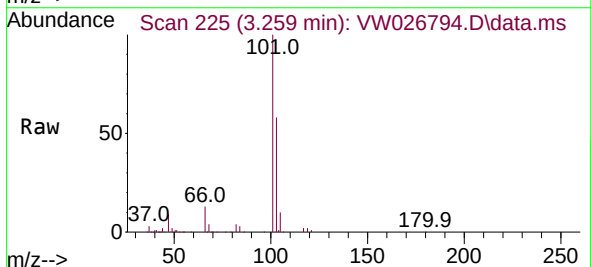
Instrument :
MSVOA_W
ClientSampleId :

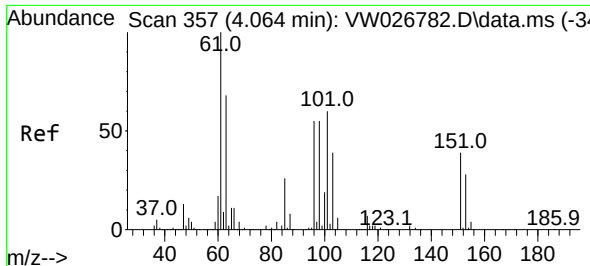
Tgt Ion: 64 Resp: 111208
Ion Ratio Lower Upper
64 100
66 32.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.459 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

Tgt Ion: 101 Resp: 142863
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

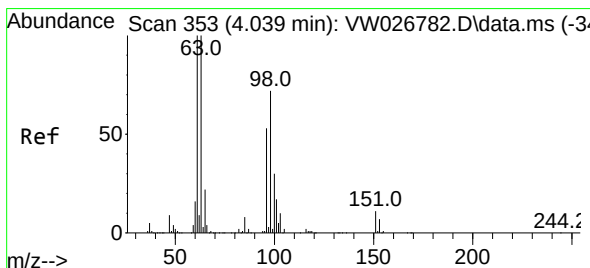
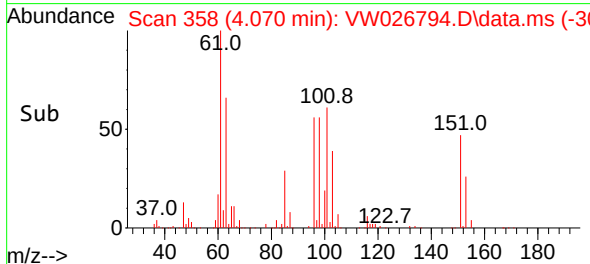
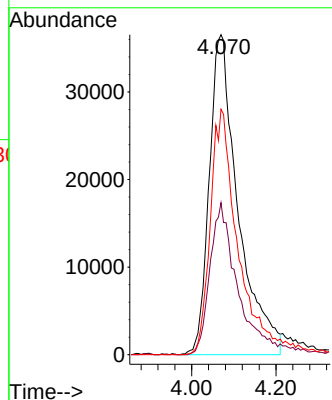
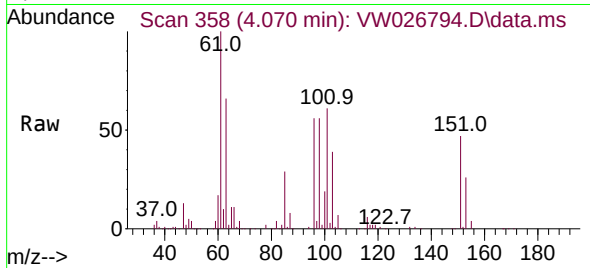




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.920 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW026794.D
 Acq: 21 Aug 2023 16:41

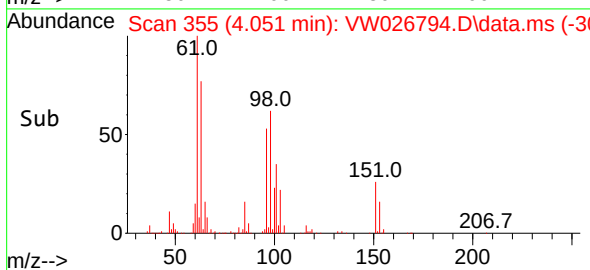
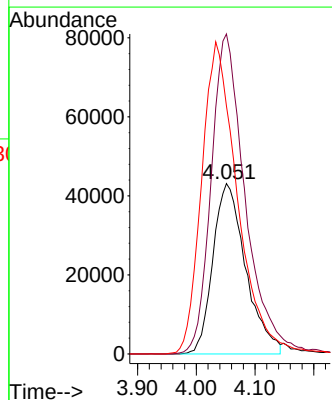
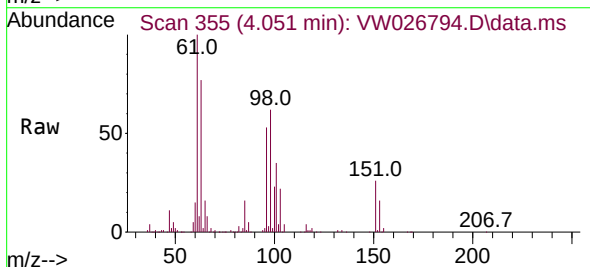
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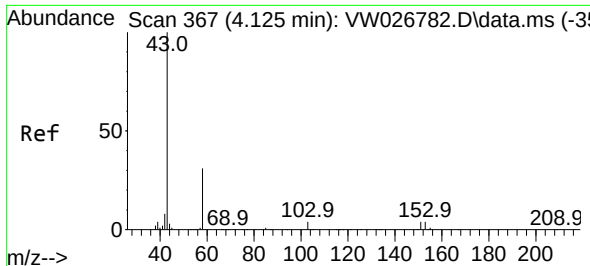
Tgt Ion:101 Resp: 173831
 Ion Ratio Lower Upper
 101 100
 85 44.8 32.8 49.2
 151 67.3 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 22.509 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.012 min
 Lab File: VW026794.D
 Acq: 21 Aug 2023 16:41

Tgt Ion: 96 Resp: 167461
 Ion Ratio Lower Upper
 96 100
 61 187.7 133.2 247.4
 63 145.5 109.0 202.4

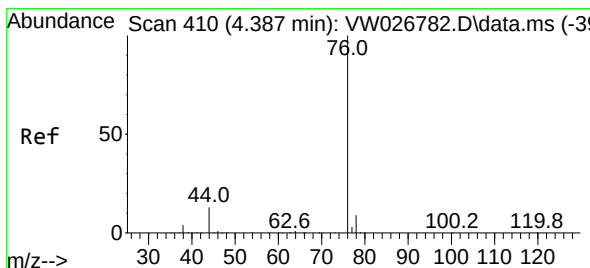
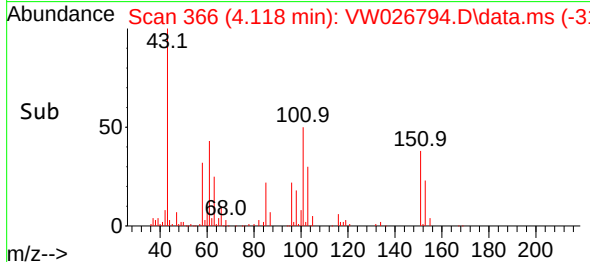
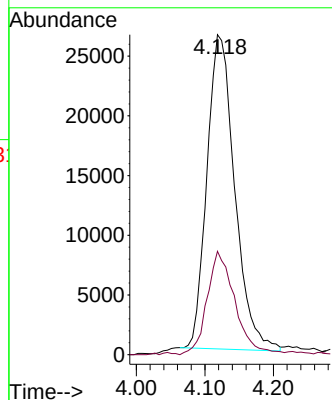
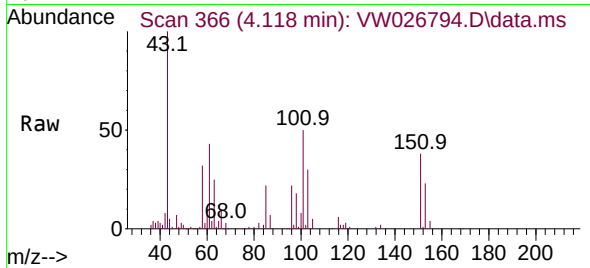




#13
Acetone
Concen: 31.405 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

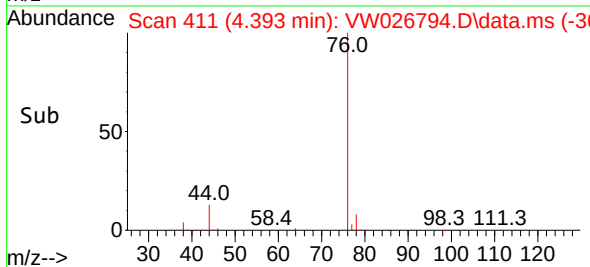
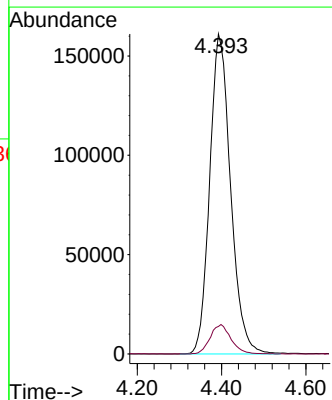
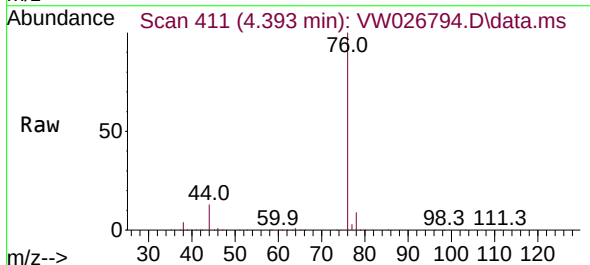
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ClientSampled :

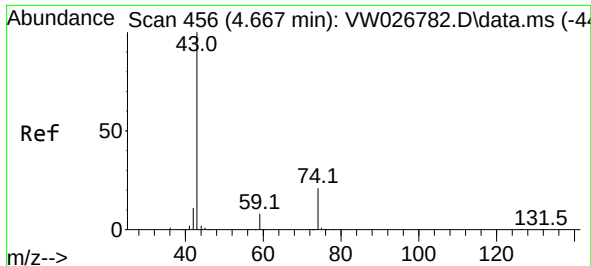
Tgt Ion: 43 Resp: 74262
Ion Ratio Lower Upper
43 100
58 32.9 0.0 57.4



#14
Carbon disulfide
Concen: 20.699 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 554031
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

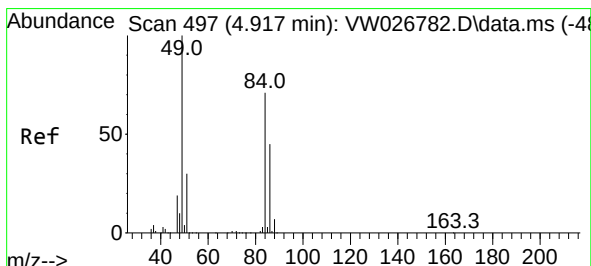
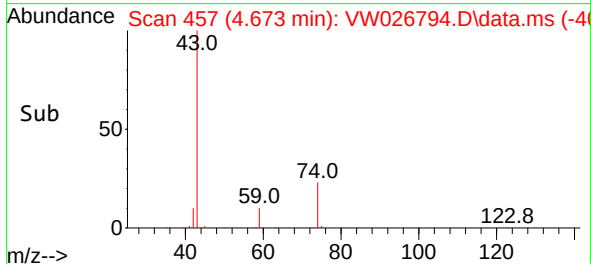
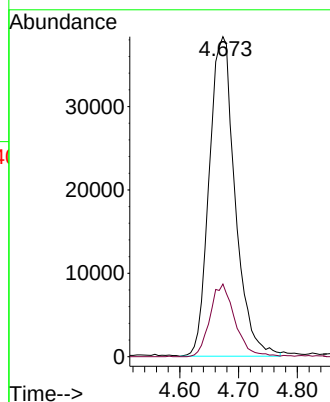
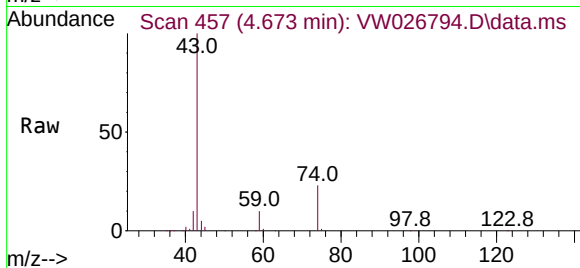




#15
Methyl Acetate
Concen: 24.775 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

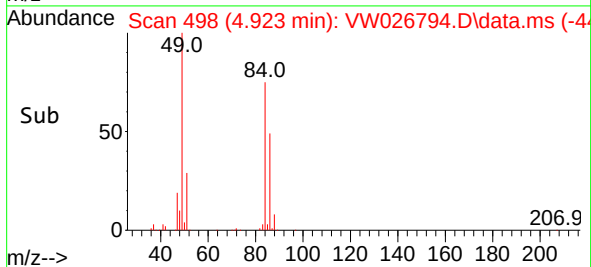
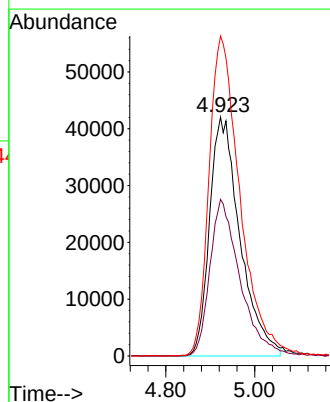
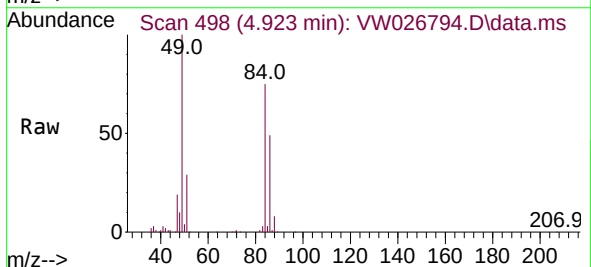
Instrument :
MSVOA_W
ClientSampleId :

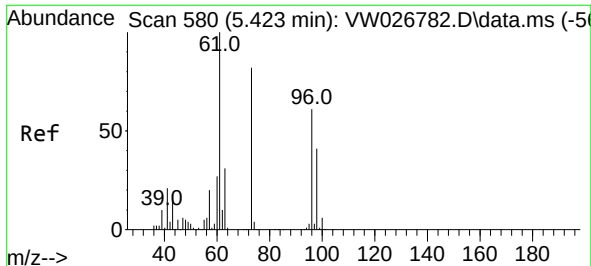
Tgt Ion: 43 Resp: 117354
Ion Ratio Lower Upper
43 100
74 21.9 16.4 24.6



#16
Methylene chloride
Concen: 20.549 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

Tgt Ion: 84 Resp: 200082
Ion Ratio Lower Upper
84 100
86 65.6 43.5 80.9
49 133.9 96.0 178.2





#17

trans-1,2-Dichloroethene

Concen: 23.360 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :

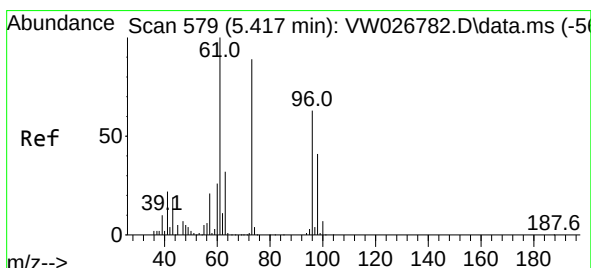
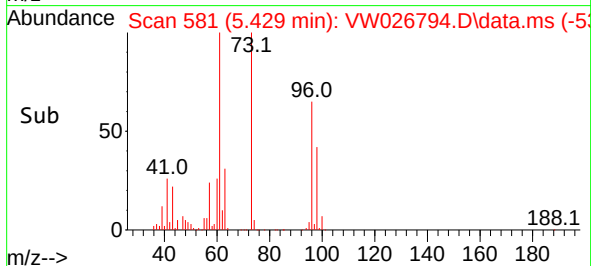
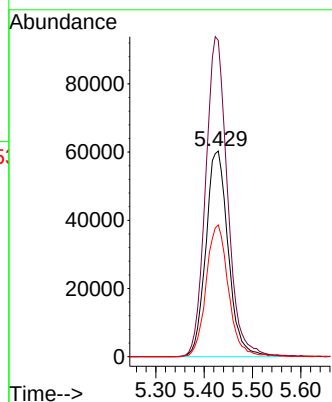
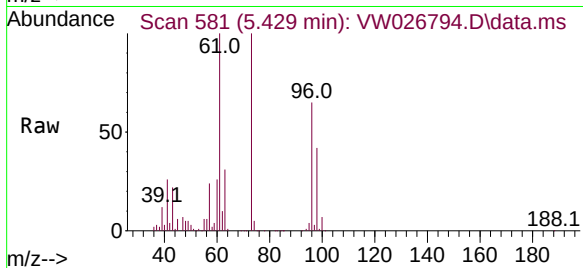
Tgt Ion: 96 Resp: 193941

Ion Ratio Lower Upper

96 100

61 153.8 109.4 203.2

98 64.0 43.6 81.0



#18

Methyl tert-butyl Ether

Concen: 26.995 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

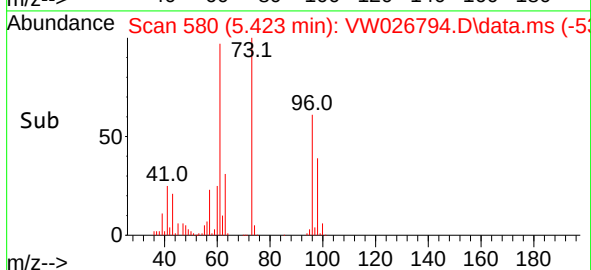
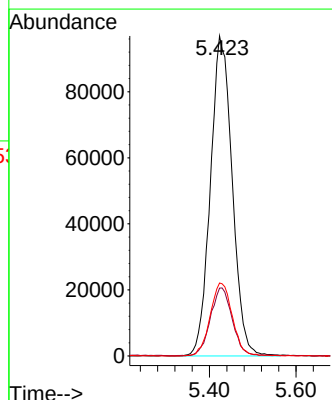
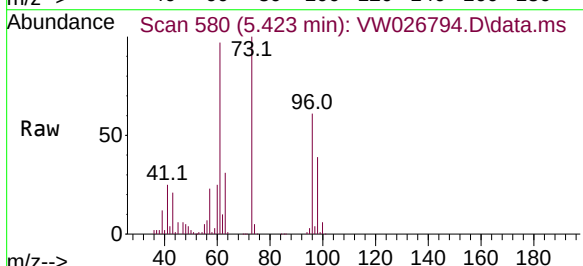
Tgt Ion: 73 Resp: 339106

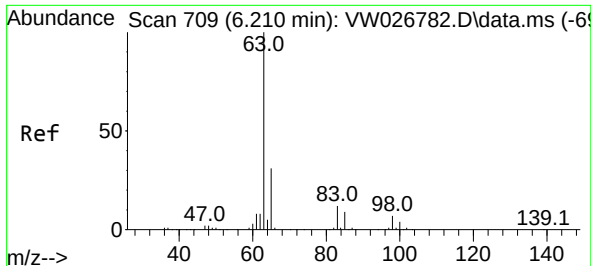
Ion Ratio Lower Upper

73 100

43 21.1 18.0 27.0

57 23.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.348 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

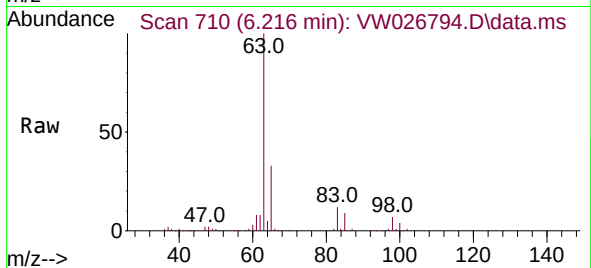
Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :



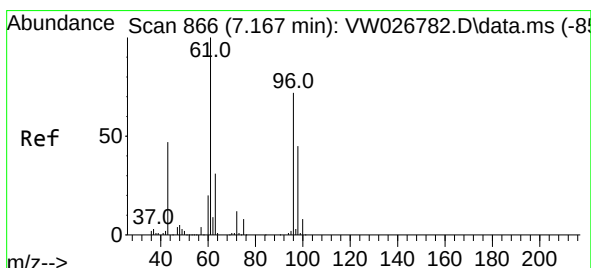
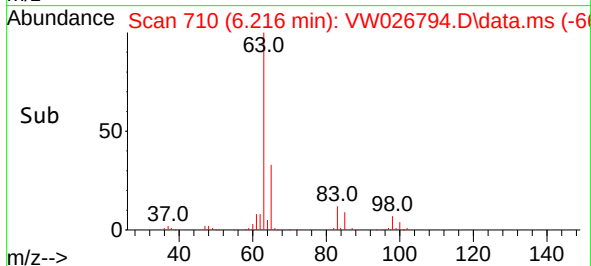
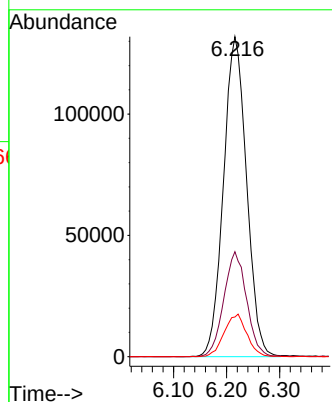
Tgt Ion: 63 Resp: 398940

Ion Ratio Lower Upper

63 100

65 32.8 21.8 40.6

83 12.4 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.971 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

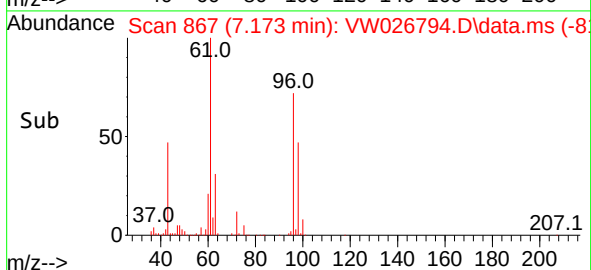
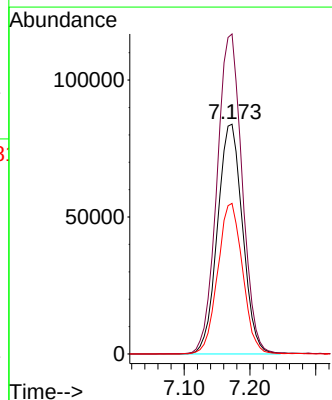
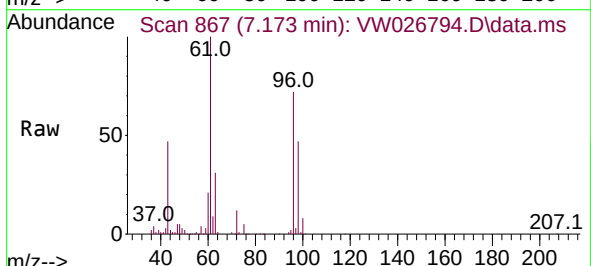
Tgt Ion: 96 Resp: 222830

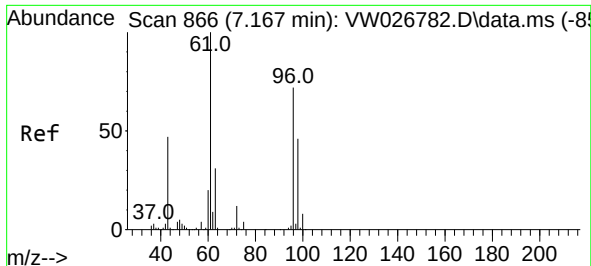
Ion Ratio Lower Upper

96 100

61 139.2 101.2 188.0

98 65.5 43.8 81.3

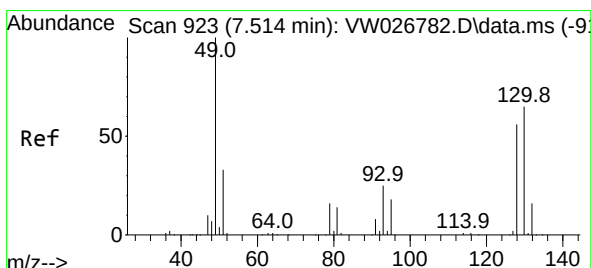
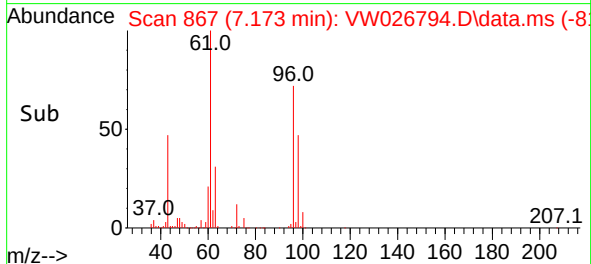
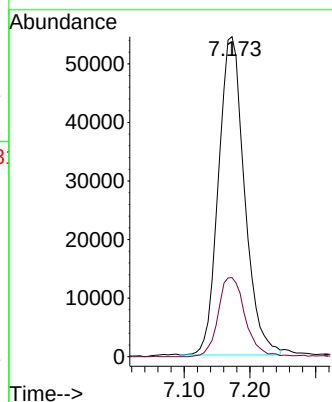
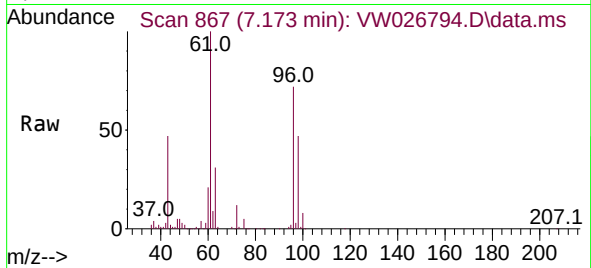




#22
2-Butanone
Concen: 42.998 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

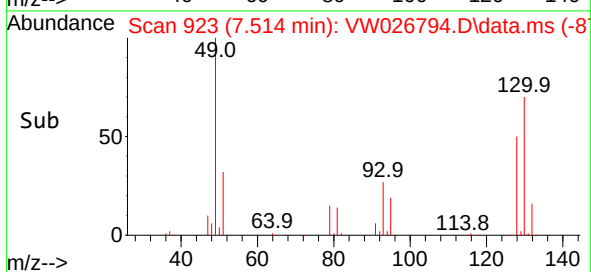
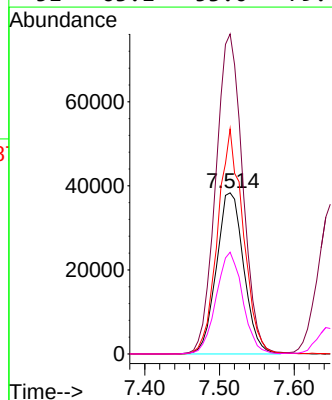
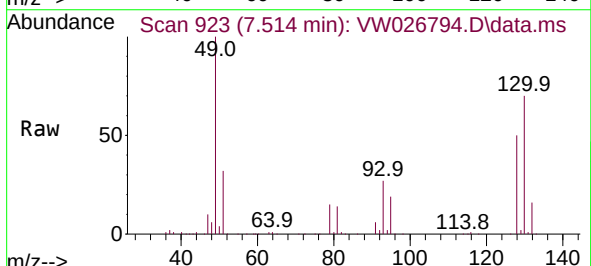
Instrument :
MSVOA_W
ClientSampleId :

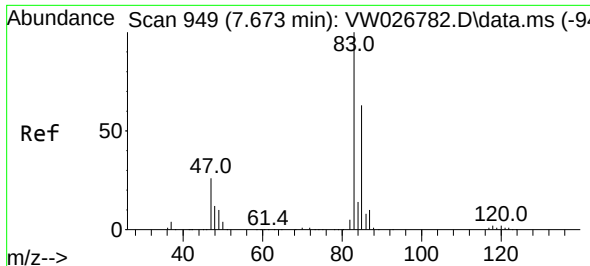
Tgt Ion: 43 Resp: 149839
Ion Ratio Lower Upper
43 100
72 25.4 11.8 35.4



#23
Bromochloromethane
Concen: 25.234 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

Tgt Ion: 128 Resp: 97271
Ion Ratio Lower Upper
128 100
49 198.6 143.1 265.7
130 139.8 91.8 170.4
51 63.1 53.0 79.4

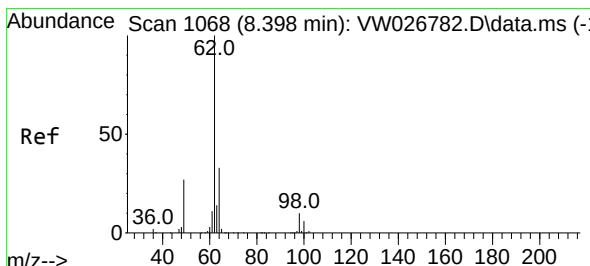
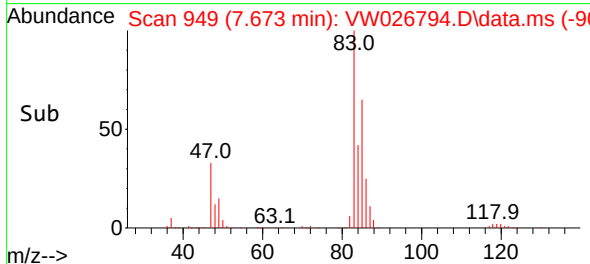
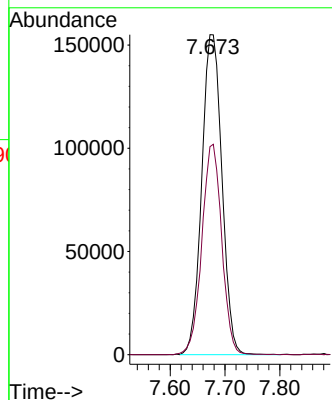
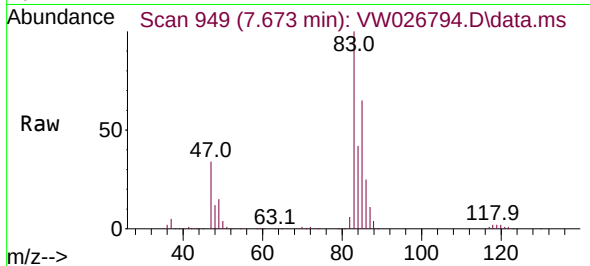




#25
Chloroform
Concen: 23.993 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

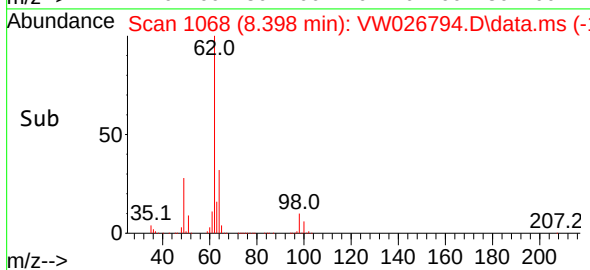
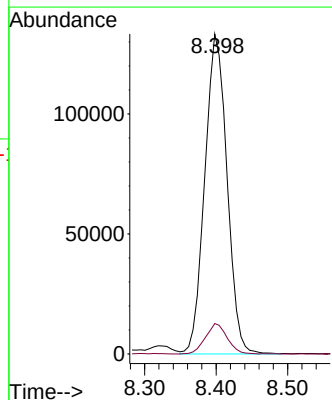
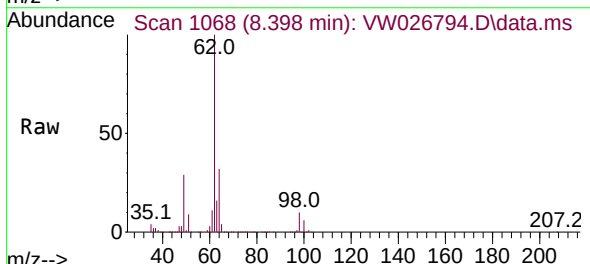
Instrument :
MSVOA_W
ClientSampleId :

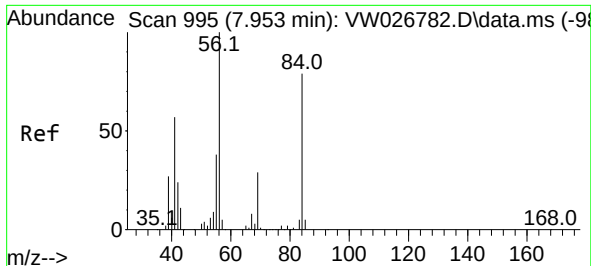
Tgt Ion: 83 Resp: 396060
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.018 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

Tgt Ion: 62 Resp: 288110
Ion Ratio Lower Upper
62 100
98 9.5 7.1 10.7





#29

Cyclohexane

Concen: 20.501 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

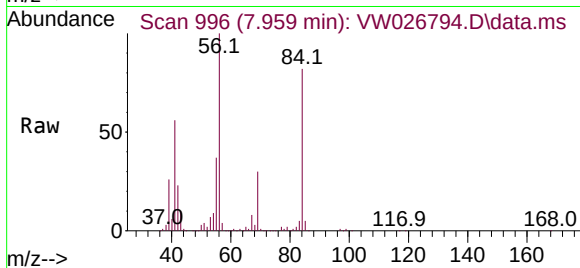
Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :



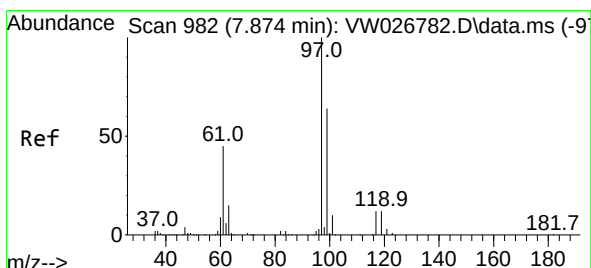
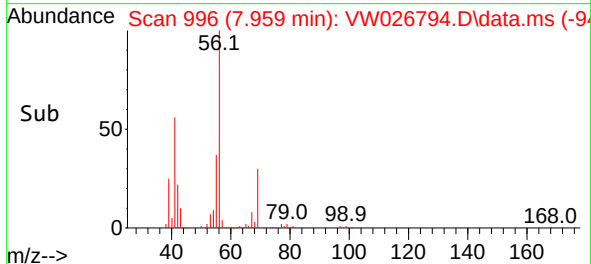
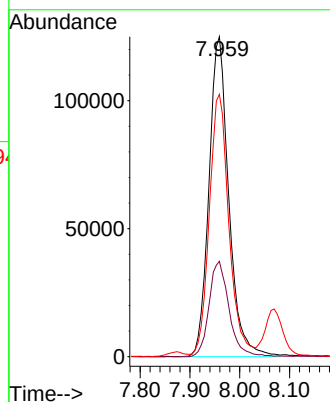
Tgt Ion: 56 Resp: 344836

Ion Ratio Lower Upper

56 100

69 29.7 23.2 34.8

84 80.4 62.7 94.1



#30

1,1,1-Trichloroethane

Concen: 20.687 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

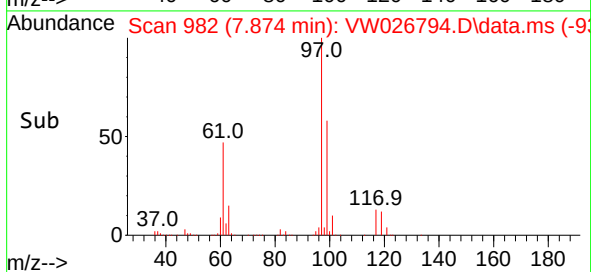
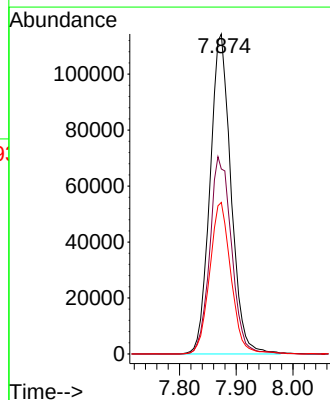
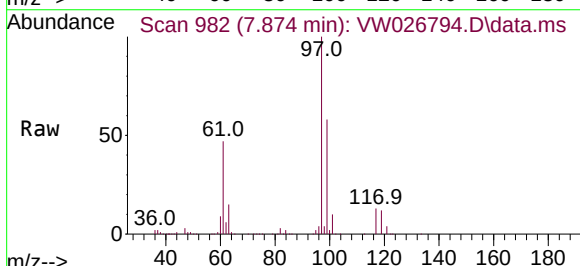
Tgt Ion: 97 Resp: 293648

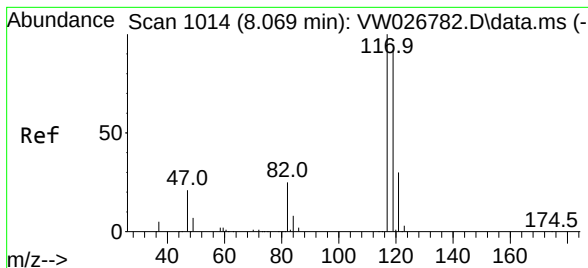
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 48.1 39.2 58.8





#31

Carbon tetrachloride

Concen: 21.106 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

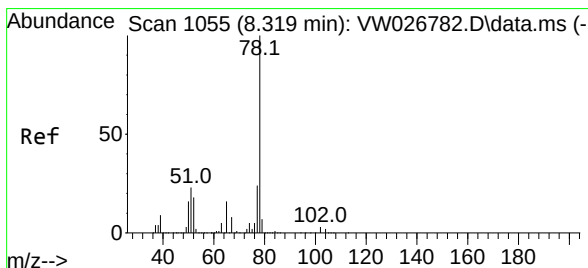
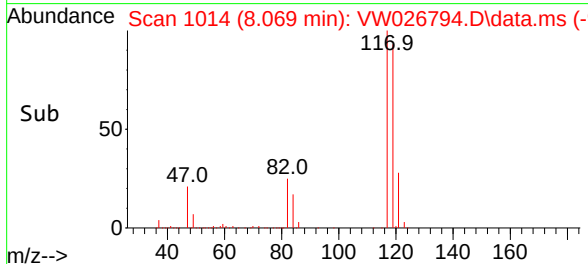
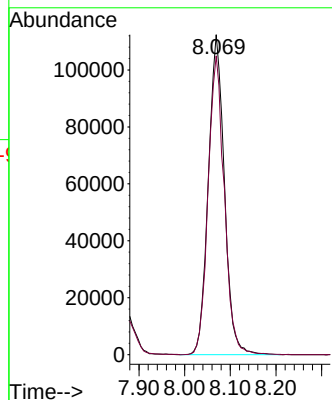
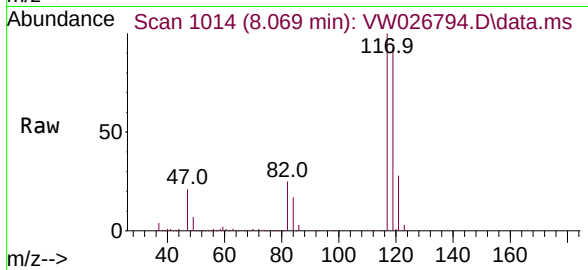
ClientSampleId :

Tgt Ion:117 Resp: 273928

Ion Ratio Lower Upper

117 100

119 94.2 73.0 109.4



#33

Benzene

Concen: 22.256 ug/L

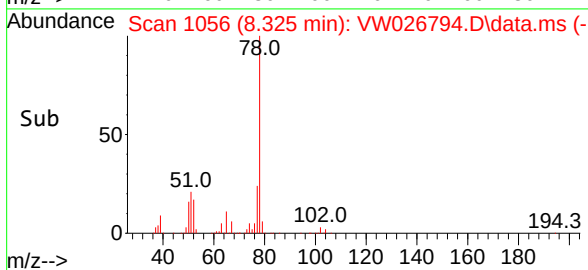
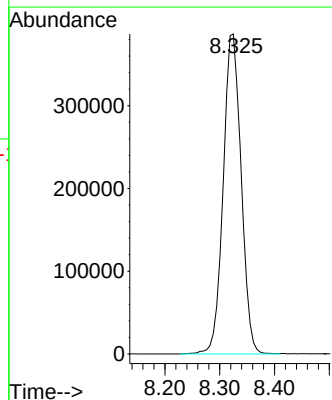
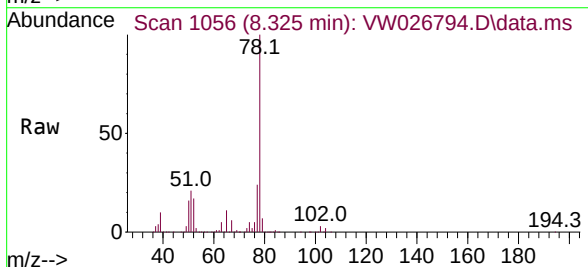
RT: 8.325 min Scan# 1056

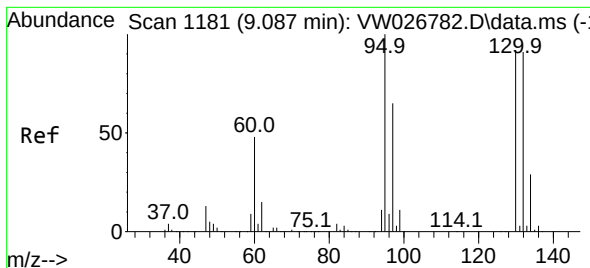
Delta R.T. 0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Tgt Ion: 78 Resp: 881527





#34

Trichloroethene

Concen: 21.972 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

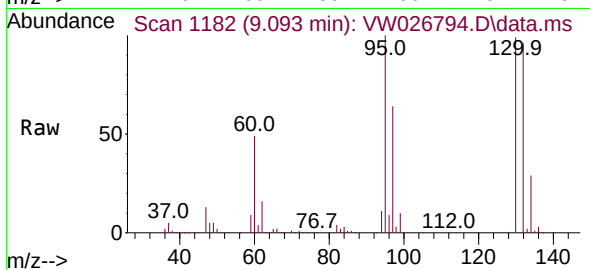
Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 221652

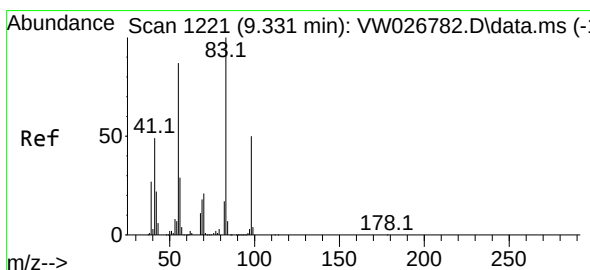
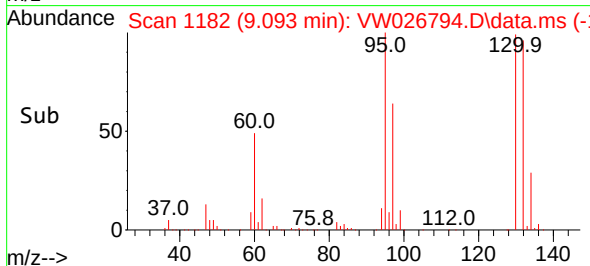
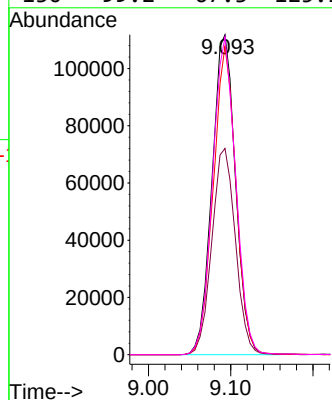
Ion Ratio Lower Upper

95 100

97 64.5 44.6 82.8

132 96.4 66.4 123.2

130 99.2 67.3 125.1



#35

Methylcyclohexane

Concen: 21.845 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

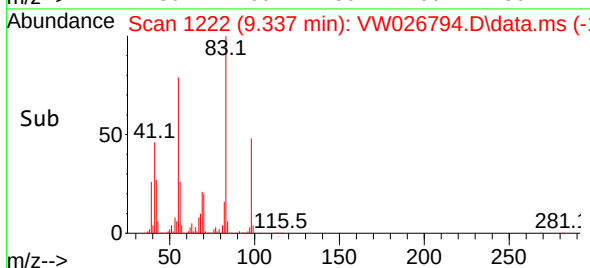
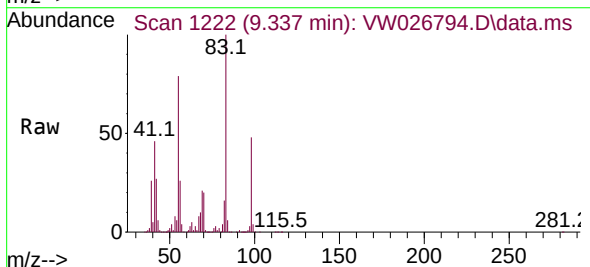
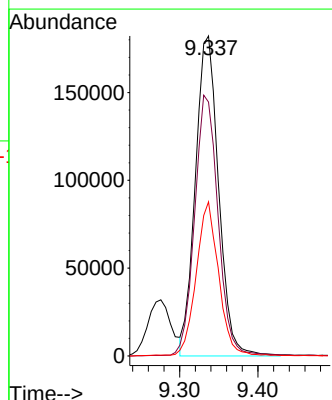
Tgt Ion: 83 Resp: 376985

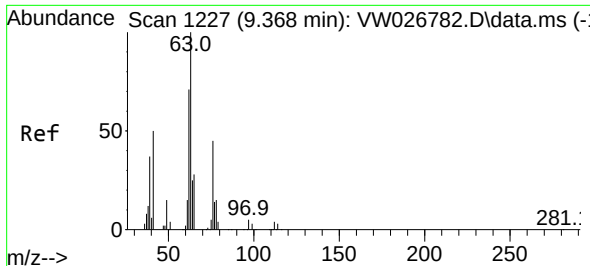
Ion Ratio Lower Upper

83 100

55 82.3 69.3 103.9

98 45.6 37.4 56.0





#37

1,2-Dichloropropane

Concen: 23.045 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

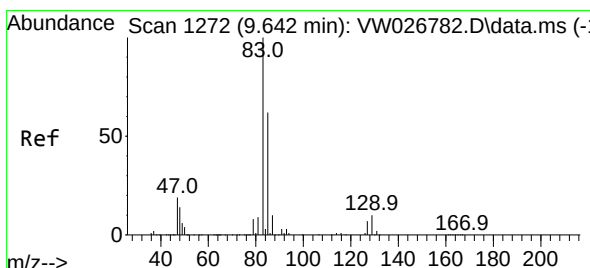
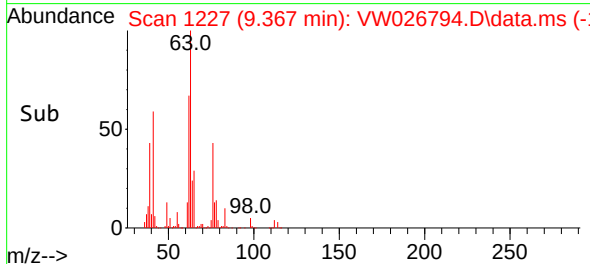
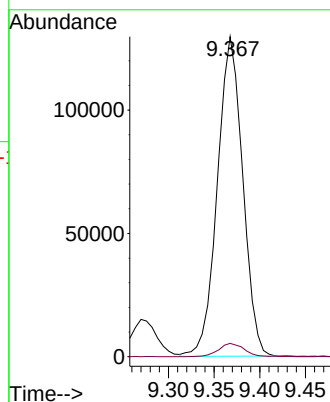
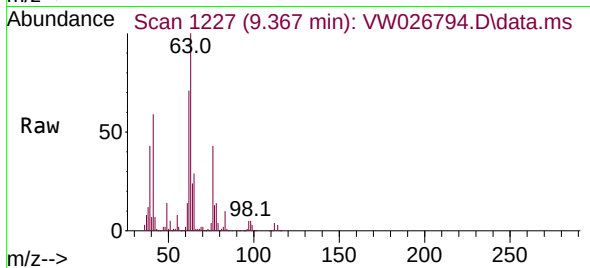
ClientSampleId :

Tgt Ion: 63 Resp: 250016

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 23.115 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

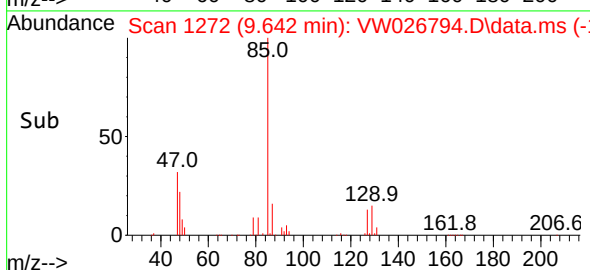
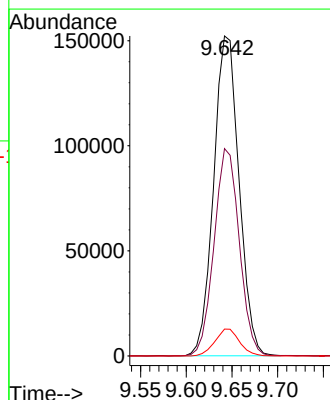
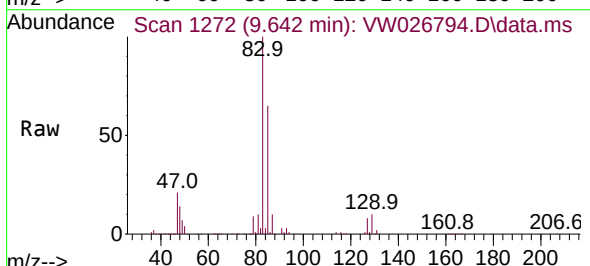
Tgt Ion: 83 Resp: 294191

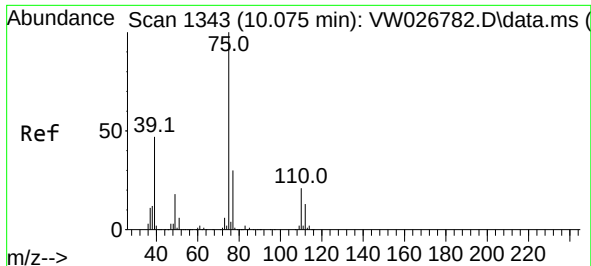
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

127 8.4 6.2 9.2

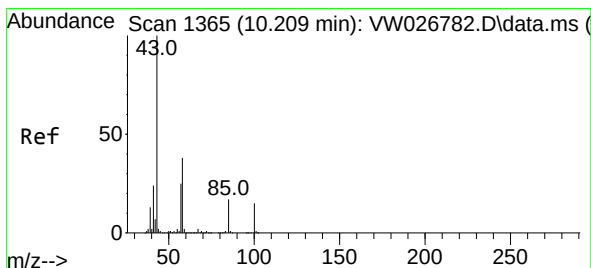
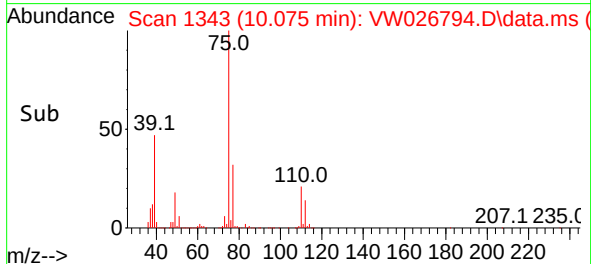
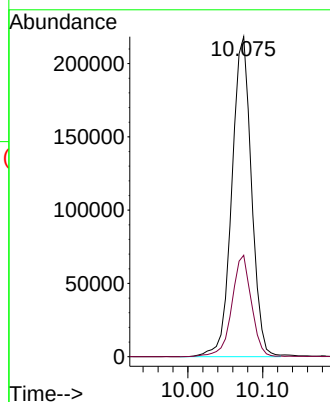
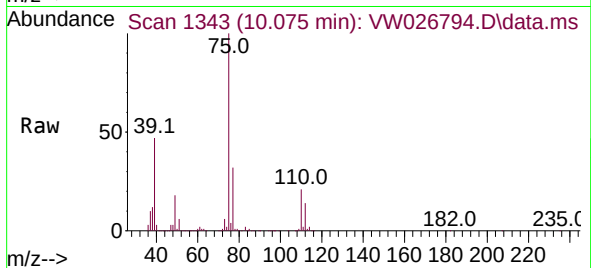




#39
cis-1,3-Dichloropropene
Concen: 25.477 ug/L
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

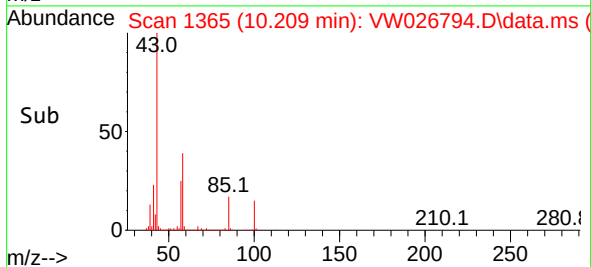
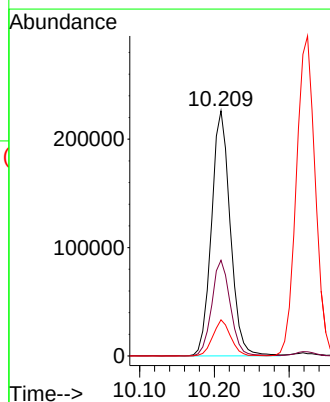
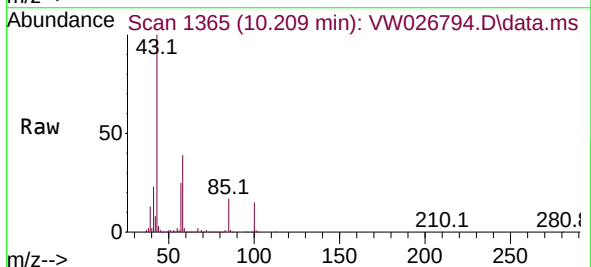
Instrument :
MSVOA_W
ClientSampleId :

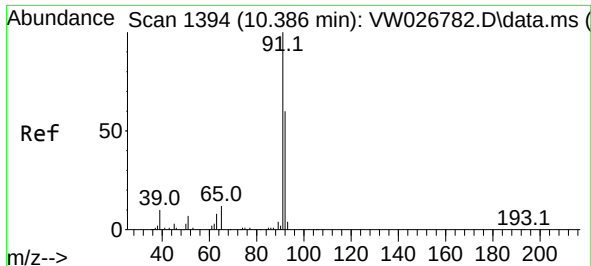
Tgt Ion: 75 Resp: 397634
Ion Ratio Lower Upper
75 100
77 31.7 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 56.112 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

Tgt Ion: 43 Resp: 395979
Ion Ratio Lower Upper
43 100
58 38.7 29.2 43.8
100 14.2 10.7 16.1

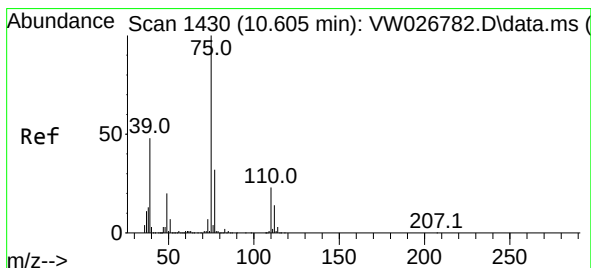
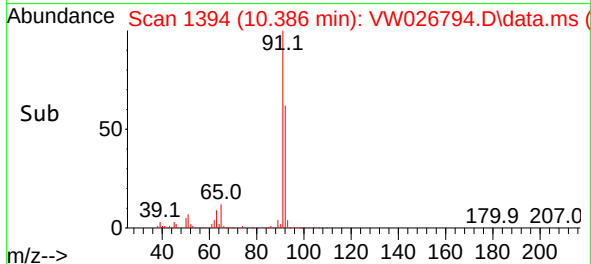
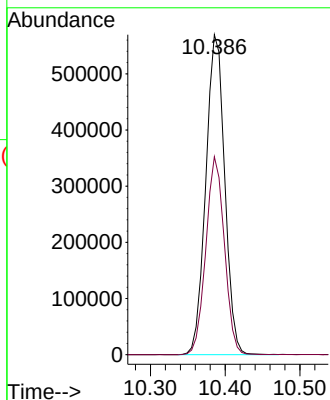
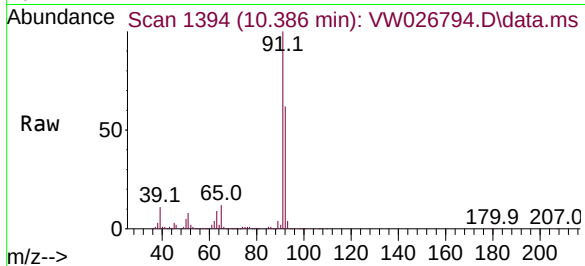




#42
Toluene
Concen: 24.981 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

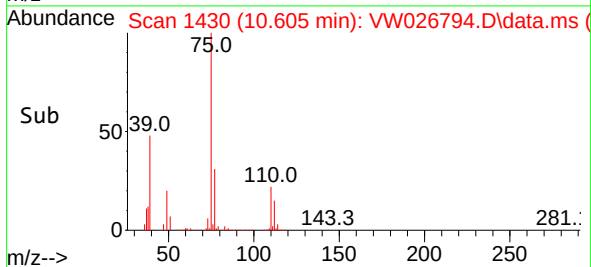
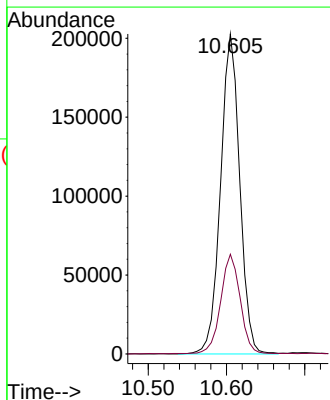
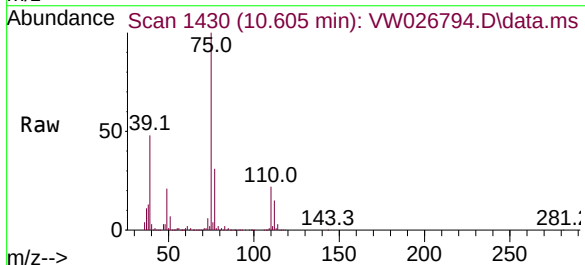
Instrument :
MSVOA_W
ClientSampleId :

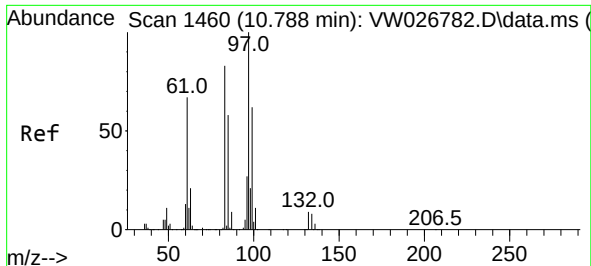
Tgt Ion: 91 Resp: 1000909
Ion Ratio Lower Upper
91 100
92 61.8 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 25.717 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

Tgt Ion: 75 Resp: 345469
Ion Ratio Lower Upper
75 100
77 31.2 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 26.770 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

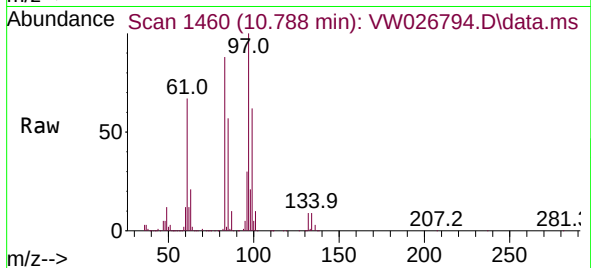
Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 198627

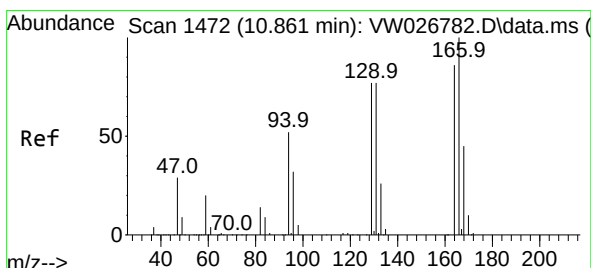
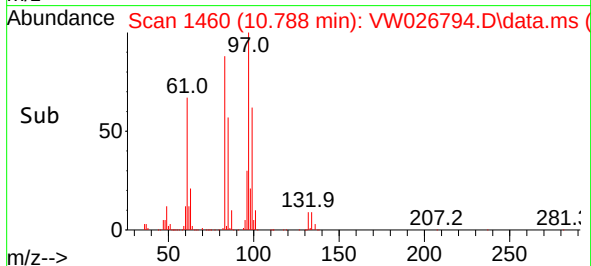
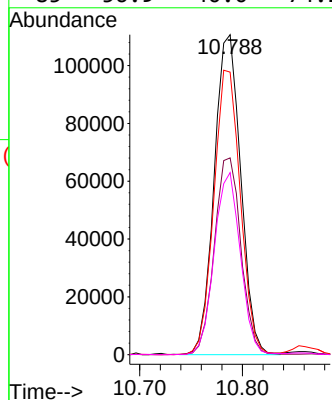
Ion Ratio Lower Upper

97 100

99 61.5 44.2 82.0

83 88.3 61.9 114.9

85 56.9 40.0 74.2



#46

Tetrachloroethene

Concen: 23.365 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Tgt Ion:164 Resp: 171233

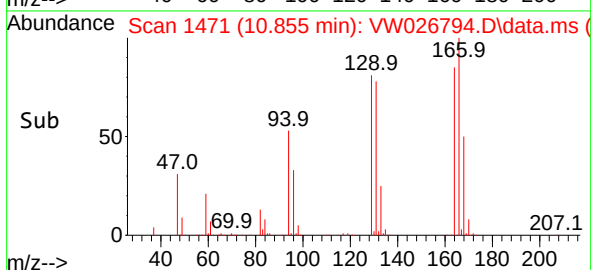
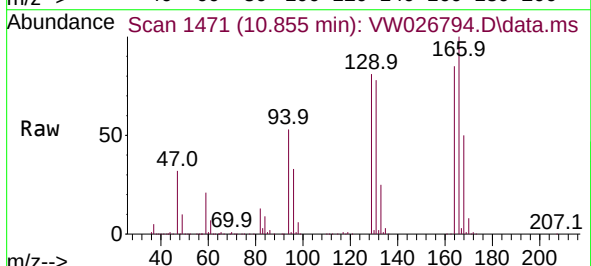
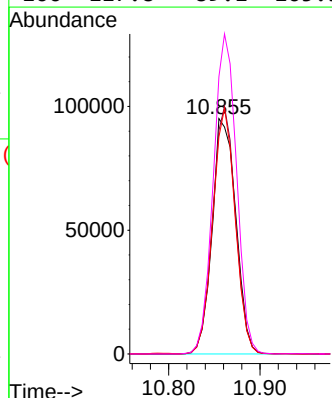
Ion Ratio Lower Upper

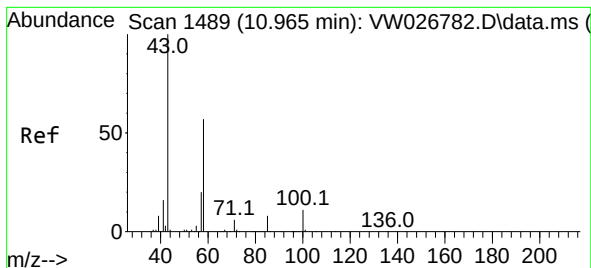
164 100

129 95.0 68.1 126.5

131 92.2 65.5 121.7

166 117.8 89.1 165.5





#48

2-Hexanone

Concen: 57.278 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

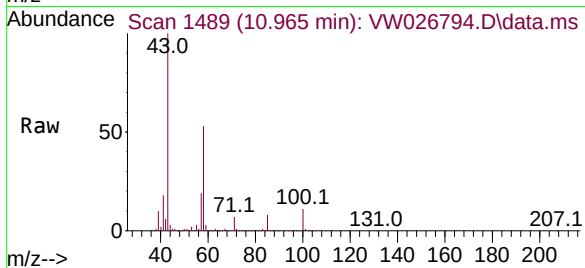
Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 275041

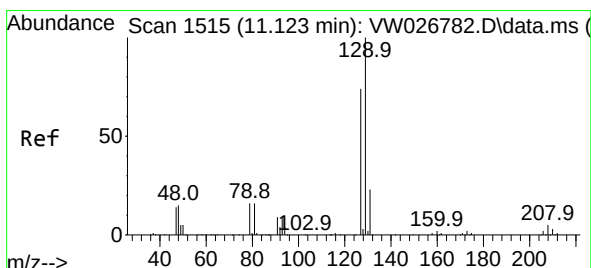
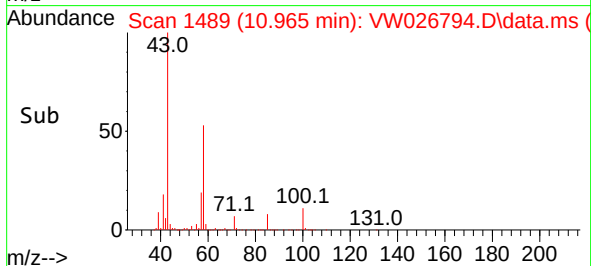
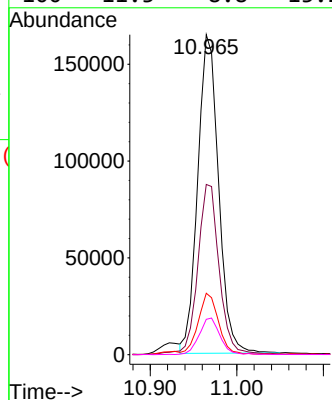
Ion Ratio Lower Upper

43 100

58 55.1 41.1 61.7

57 18.8 14.3 21.5

100 11.3 8.8 13.2



#49

Dibromochloromethane

Concen: 26.361 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW026794.D

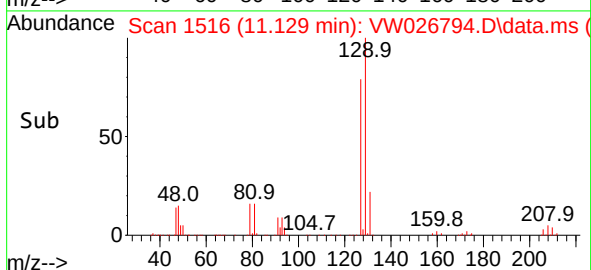
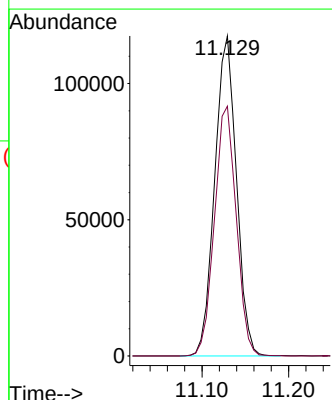
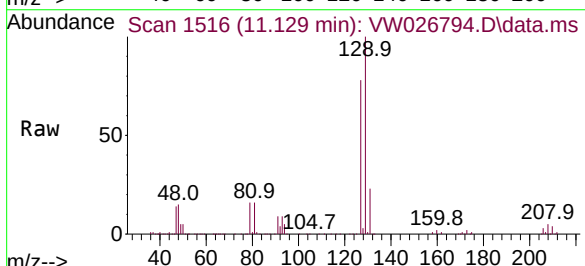
Acq: 21 Aug 2023 16:41

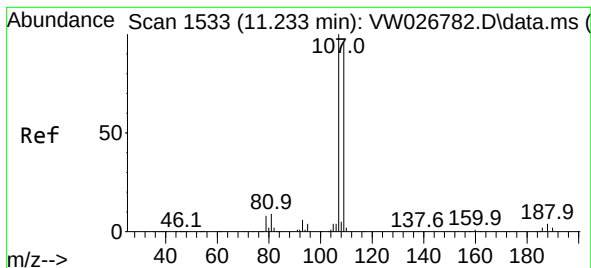
Tgt Ion:129 Resp: 204573

Ion Ratio Lower Upper

129 100

127 78.0 56.6 105.2

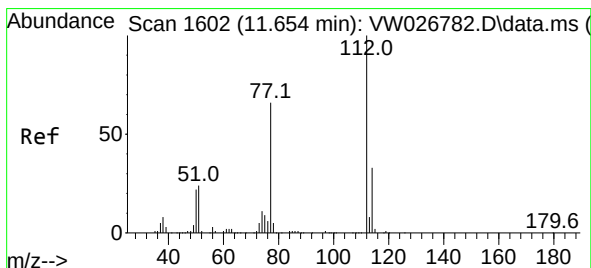
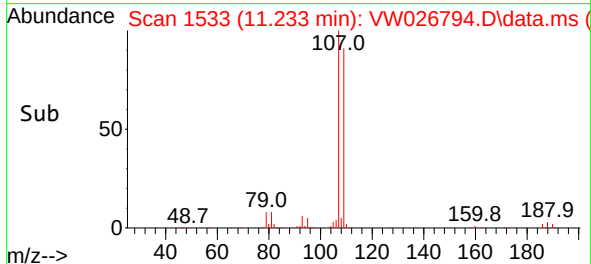
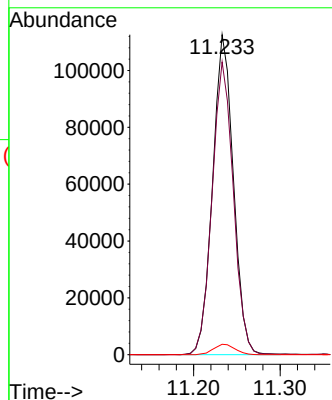
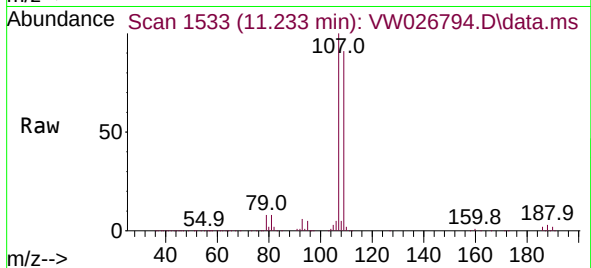




#50
1,2-Dibromoethane
Concen: 26.964 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

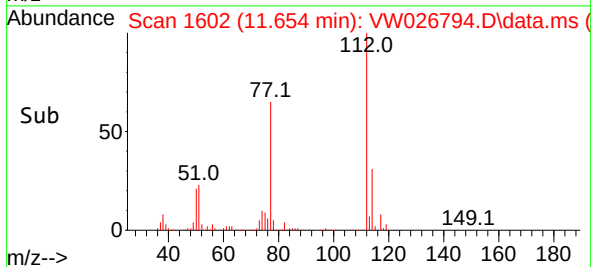
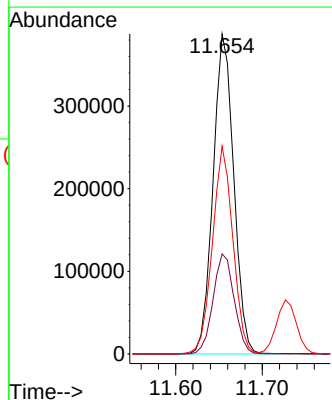
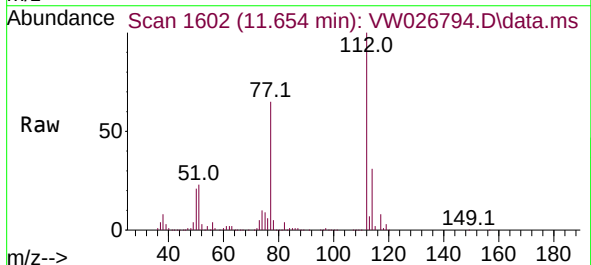
Instrument :
MSVOA_W
ClientSampleId :

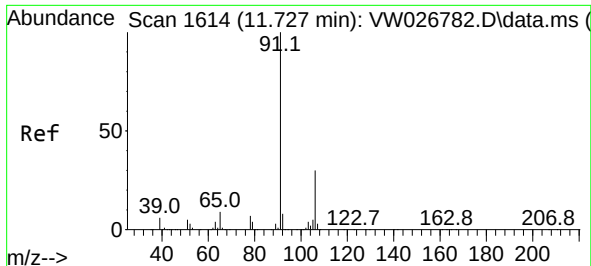
Tgt Ion:107 Resp: 187724
Ion Ratio Lower Upper
107 100
109 91.5 68.8 127.8
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 25.339 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

Tgt Ion:112 Resp: 641320
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 64.9 50.2 75.2

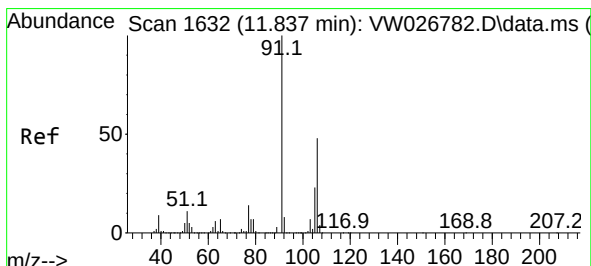
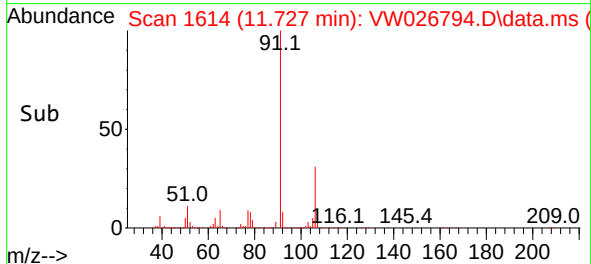
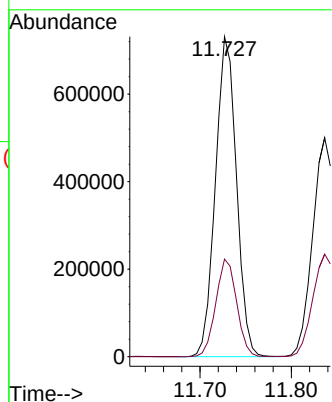
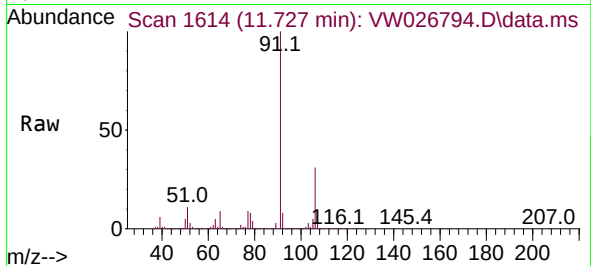




#52
Ethylbenzene
Concen: 26.049 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

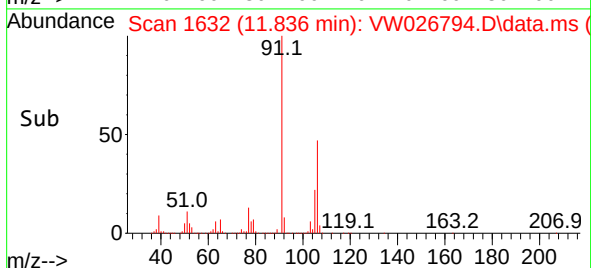
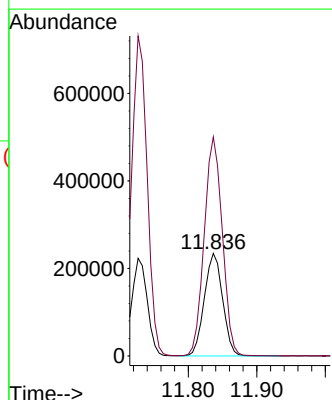
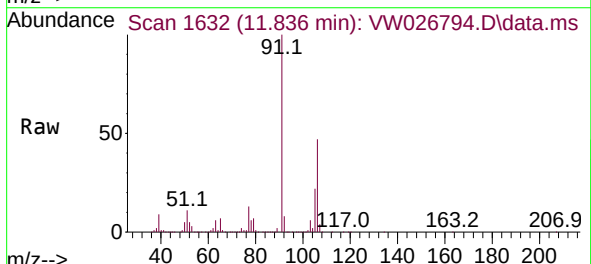
Instrument :
MSVOA_W
ClientSampleId :

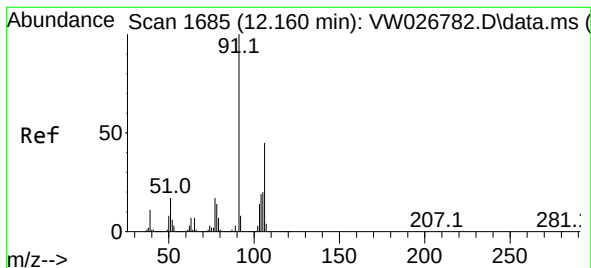
Tgt Ion: 91 Resp: 1170412
Ion Ratio Lower Upper
91 100
106 30.5 20.2 37.6



#53
m,p-Xylene
Concen: 26.191 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

Tgt Ion:106 Resp: 435971
Ion Ratio Lower Upper
106 100
91 213.7 152.9 284.1





#54

o-Xylene

Concen: 27.376 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

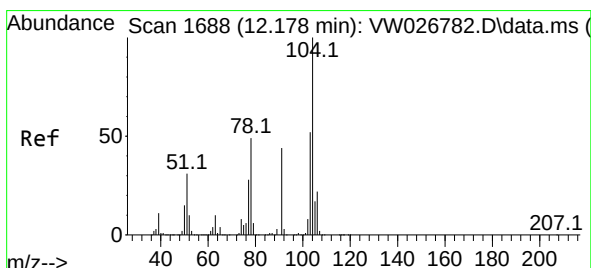
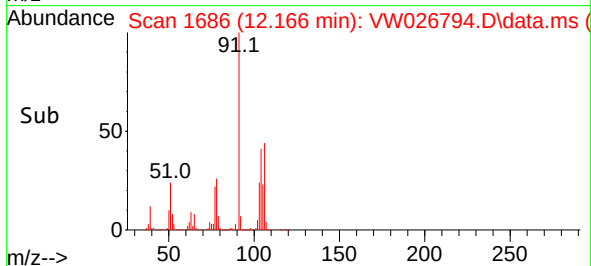
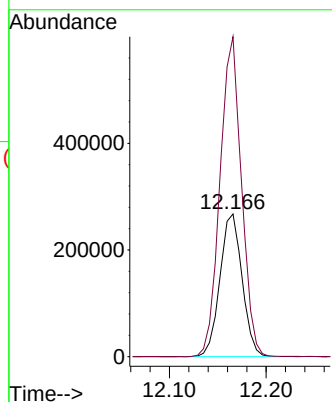
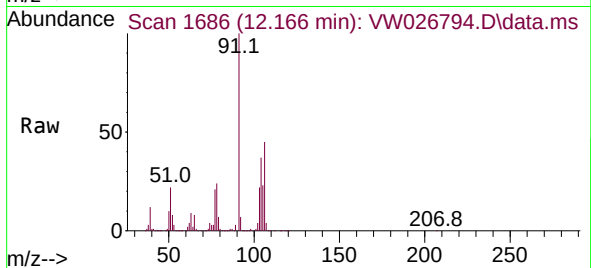
ClientSampleId :

Tgt Ion:106 Resp: 425299

Ion Ratio Lower Upper

106 100

91 224.2 149.9 278.3



#55

Styrene

Concen: 28.174 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW026794.D

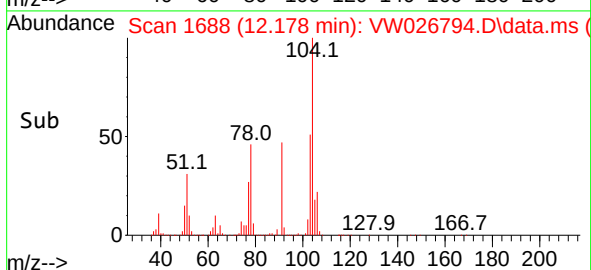
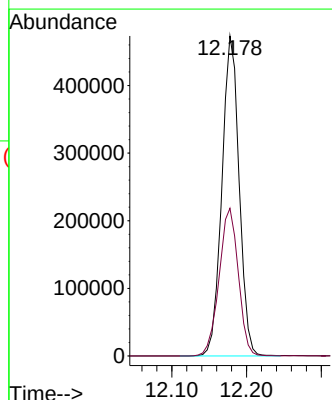
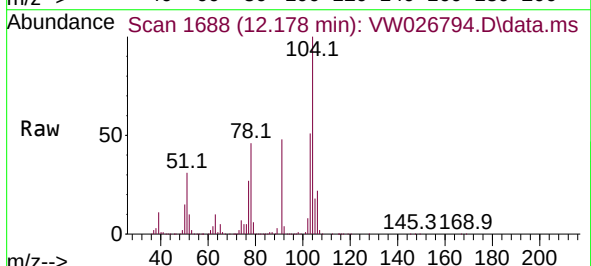
Acq: 21 Aug 2023 16:41

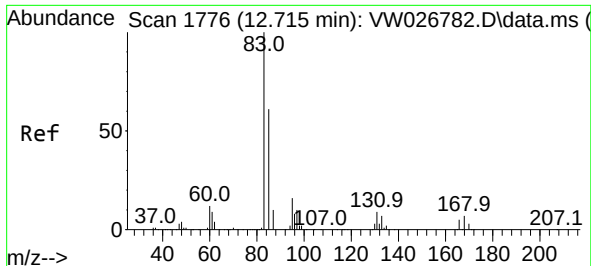
Tgt Ion:104 Resp: 761023

Ion Ratio Lower Upper

104 100

78 46.2 33.0 61.2





#57

1,1,2,2-Tetrachloroethane

Concen: 27.560 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :

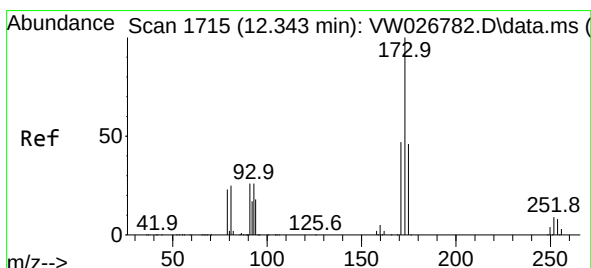
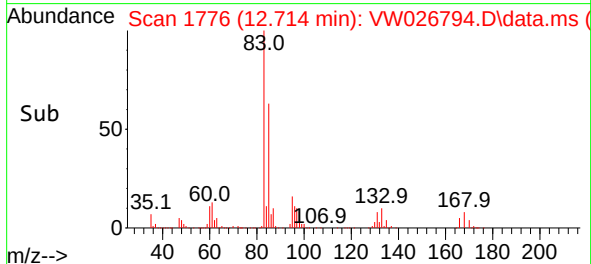
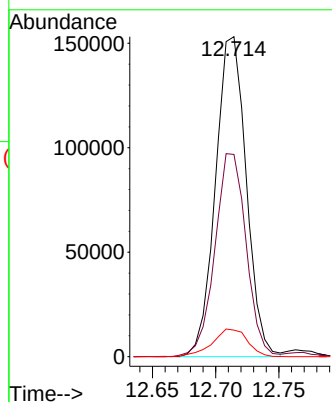
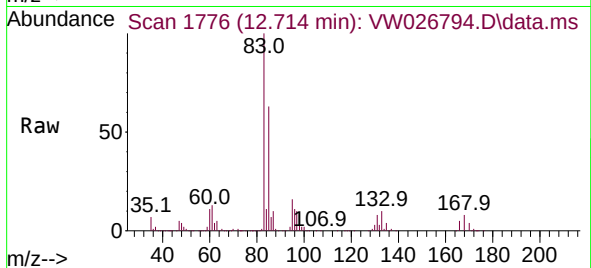
Tgt Ion: 83 Resp: 258976

Ion Ratio Lower Upper

83 100

85 63.2 44.9 83.3

131 8.3 7.4 11.0



#59

Bromoform

Concen: 27.209 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

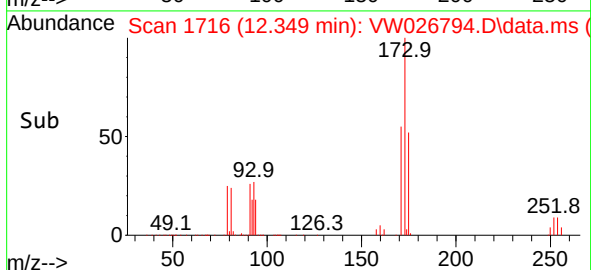
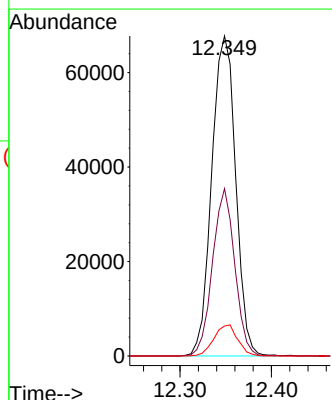
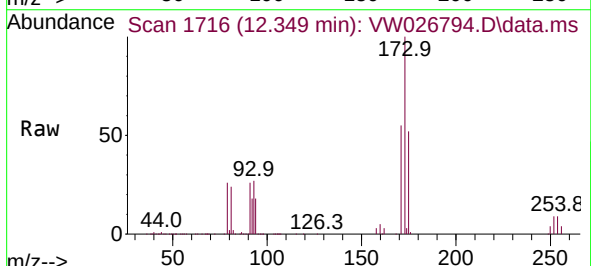
Tgt Ion:173 Resp: 123152

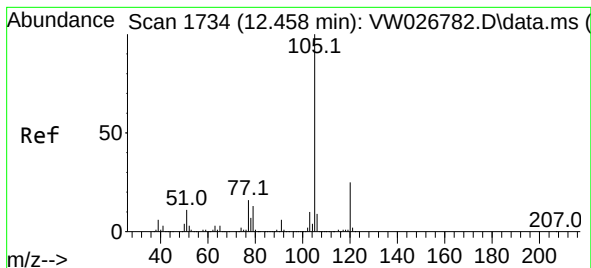
Ion Ratio Lower Upper

173 100

175 48.5 36.6 55.0

254 9.6 7.8 11.6





#60

Isopropylbenzene

Concen: 26.012 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :

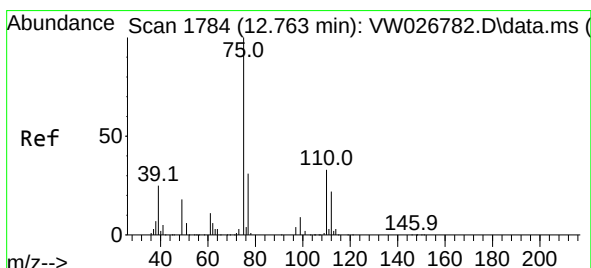
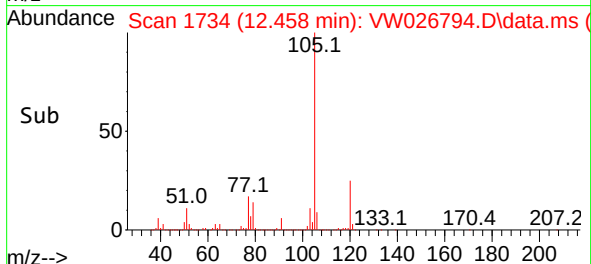
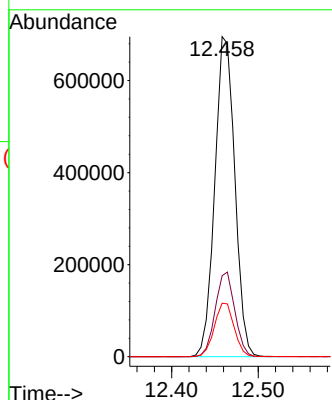
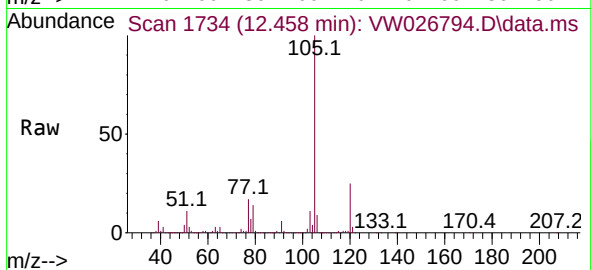
Tgt Ion:105 Resp: 1117431

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.6

77 16.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 27.500 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

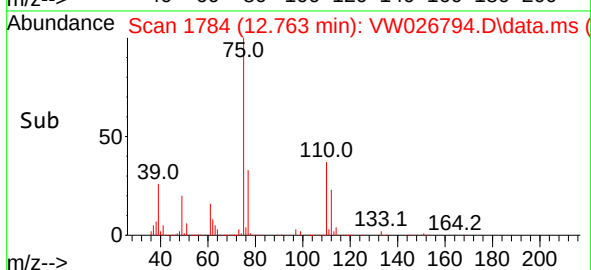
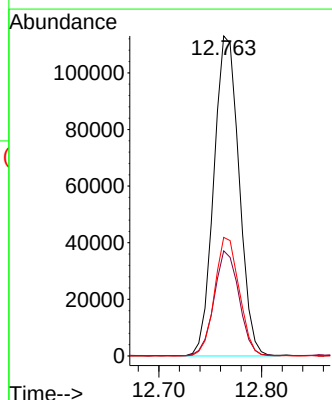
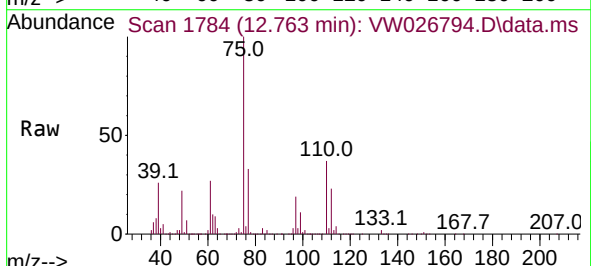
Tgt Ion: 75 Resp: 192740

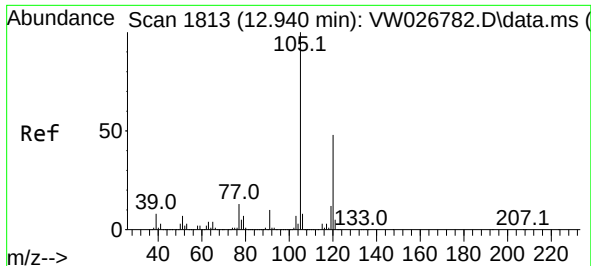
Ion Ratio Lower Upper

75 100

77 32.3 26.1 39.1

110 36.0 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 27.484 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

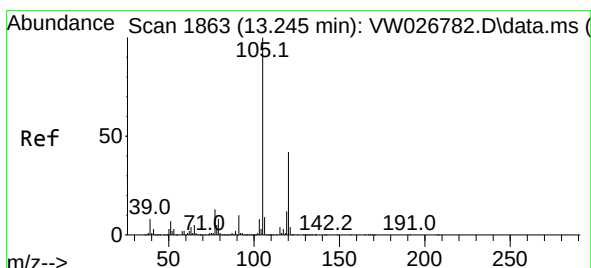
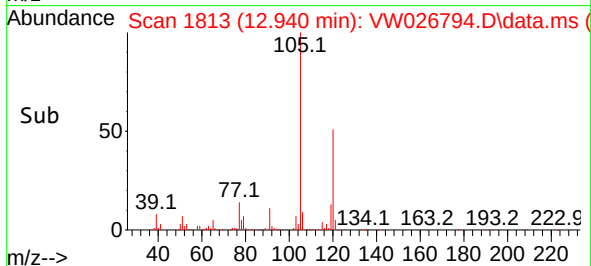
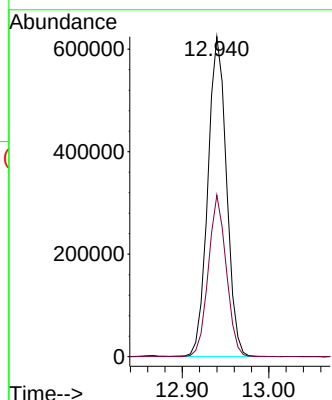
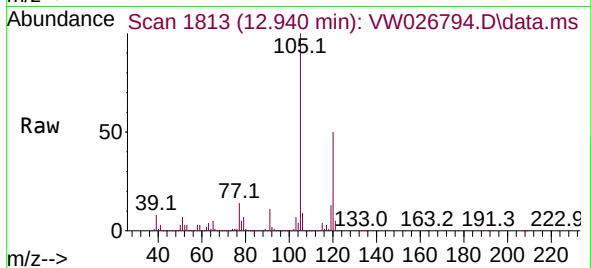
ClientSampleId :

Tgt Ion:105 Resp: 933205

Ion Ratio Lower Upper

105 100

120 48.5 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 27.570 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW026794.D

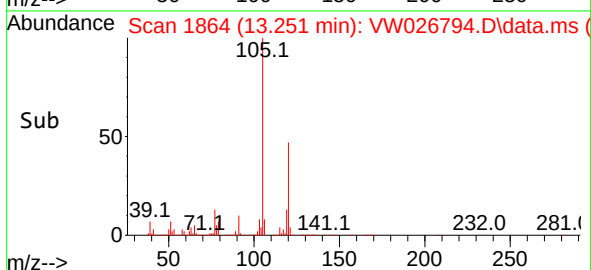
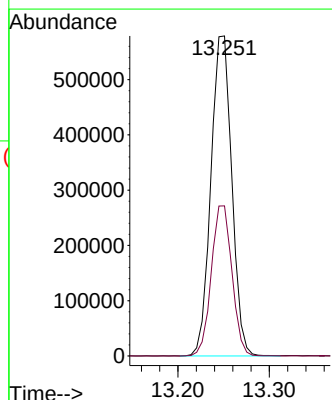
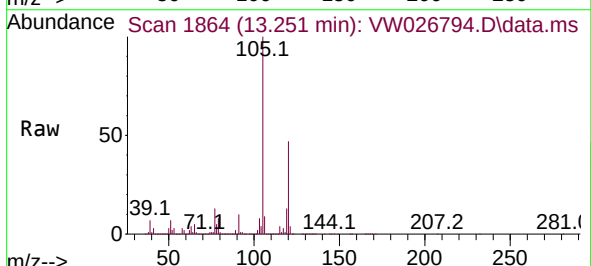
Acq: 21 Aug 2023 16:41

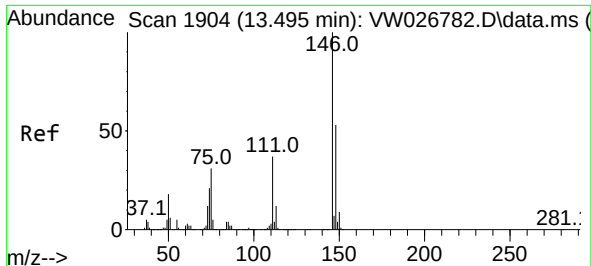
Tgt Ion:105 Resp: 917340

Ion Ratio Lower Upper

105 100

120 46.4 36.2 54.4

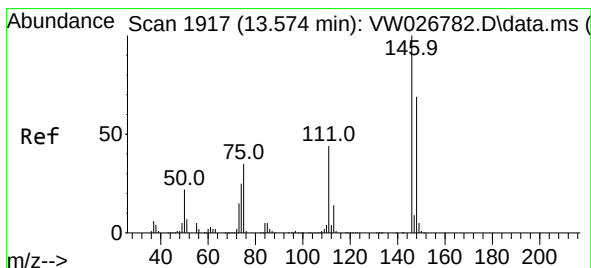
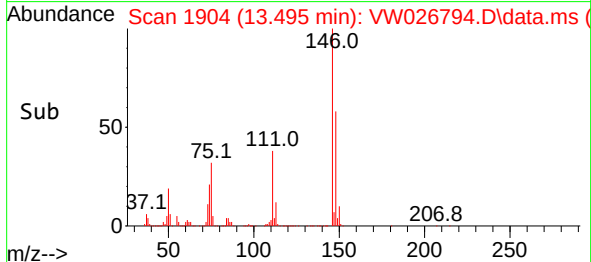
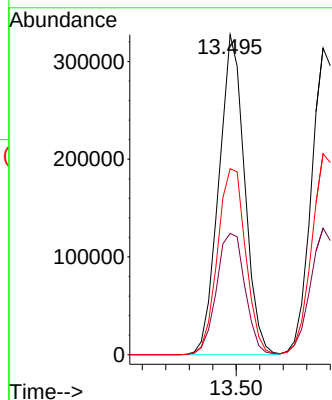
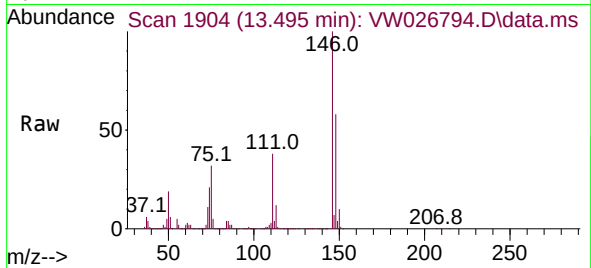




#64
1,3-Dichlorobenzene
Concen: 26.794 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

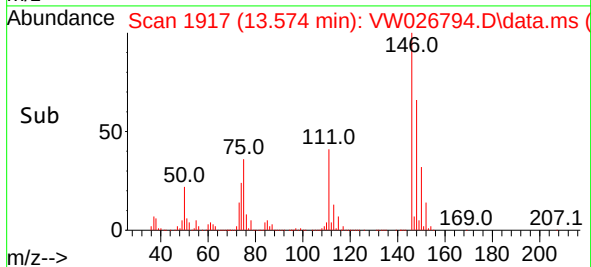
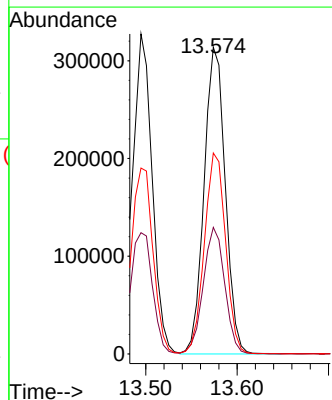
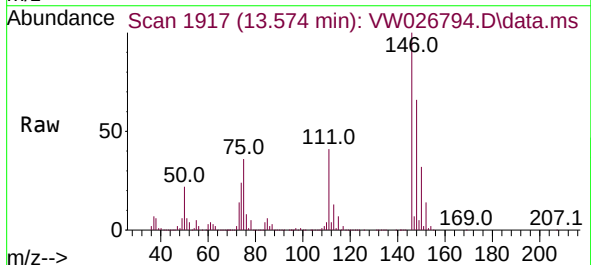
Instrument :
MSVOA_W
ClientSampleId :

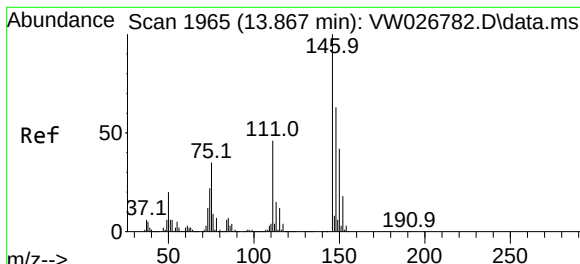
Tgt Ion:146 Resp: 500581
Ion Ratio Lower Upper
146 100
111 37.9 29.1 54.1
148 58.1 38.8 72.0



#65
1,4-Dichlorobenzene
Concen: 25.853 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026794.D
Acq: 21 Aug 2023 16:41

Tgt Ion:146 Resp: 504059
Ion Ratio Lower Upper
146 100
111 41.3 28.3 52.7
148 65.6 44.2 82.2



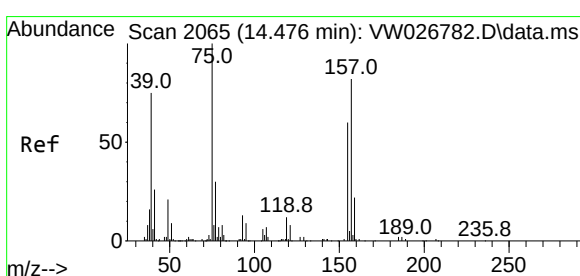
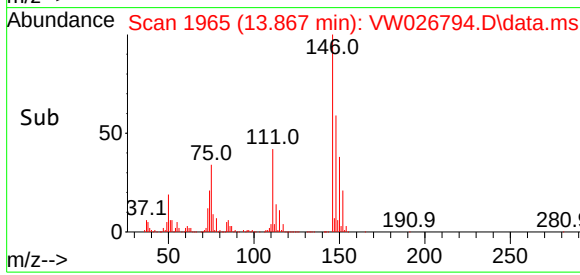
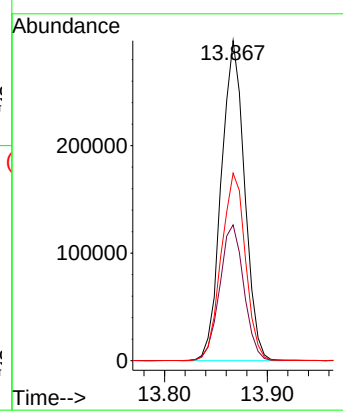
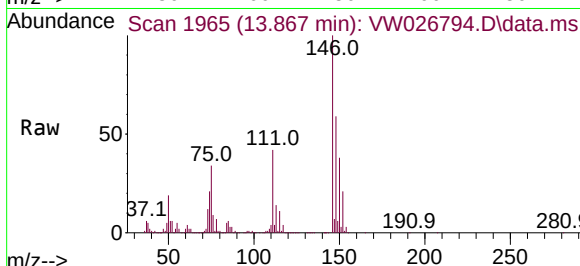


#67
 1,2-Dichlorobenzene
 Concen: 27.535 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW026794.D
 Acq: 21 Aug 2023 16:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 467793

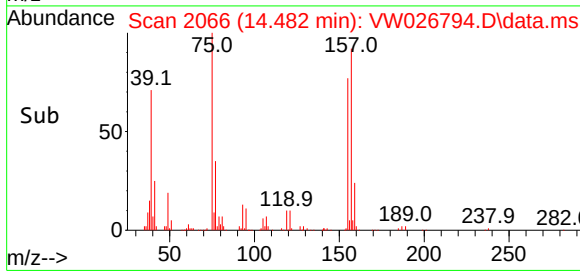
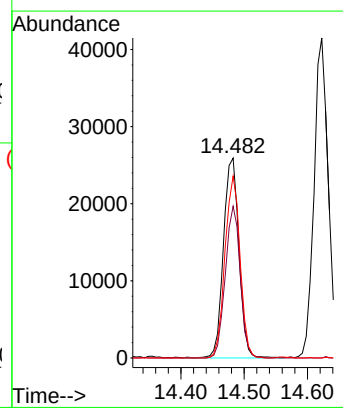
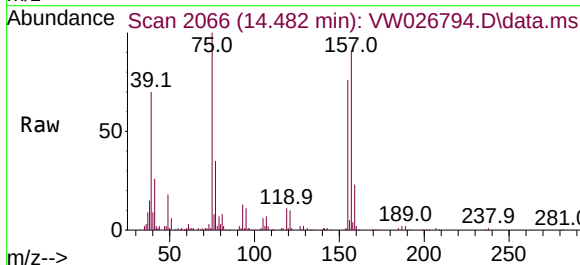
Ion	Ratio	Lower	Upper
146	100		
111	42.5	34.6	52.0
148	58.6	53.4	80.0

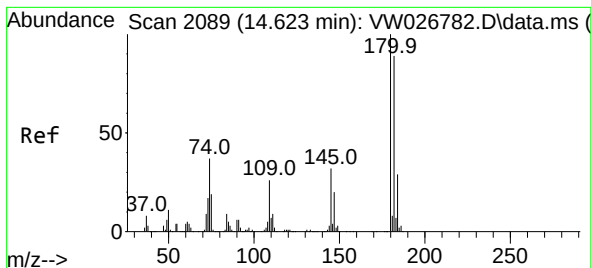


#68
 1,2-Dibromo-3-chloropropane
 Concen: 26.054 ug/L
 RT: 14.482 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VW026794.D
 Acq: 21 Aug 2023 16:41

Tgt Ion: 75 Resp: 44022

Ion	Ratio	Lower	Upper
75	100		
155	75.9	55.0	82.6
157	90.9	77.8	116.6





#69

1,3,5-Trichlorobenzene

Concen: 26.105 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 329501

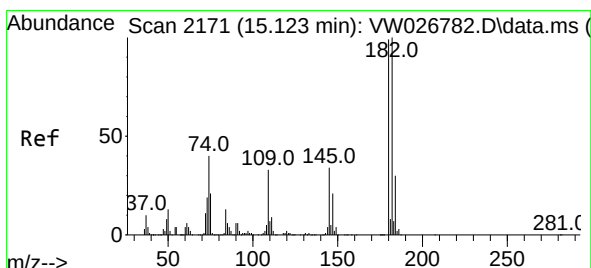
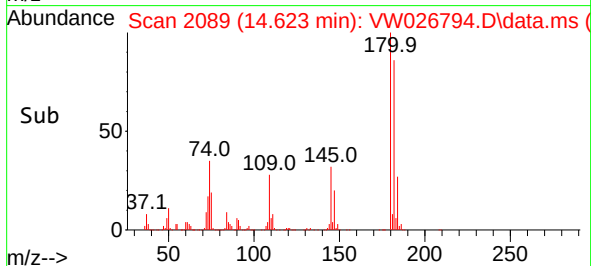
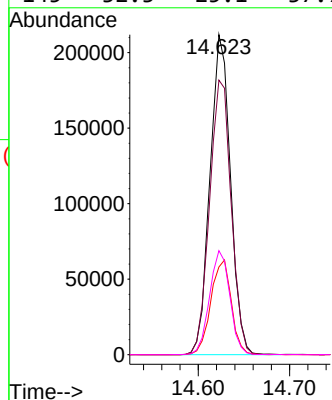
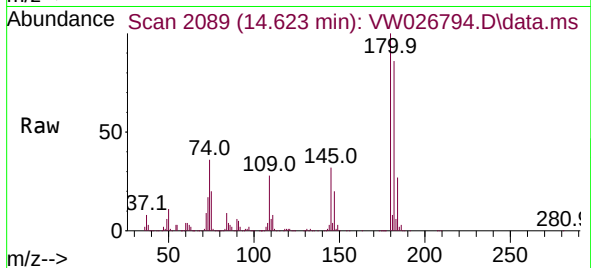
Ion Ratio Lower Upper

180 100

182 90.8 75.2 112.8

184 29.6 23.8 35.8

145 32.3 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 26.274 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

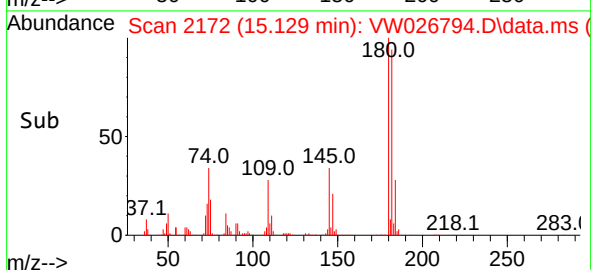
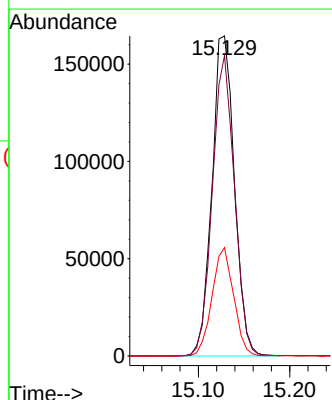
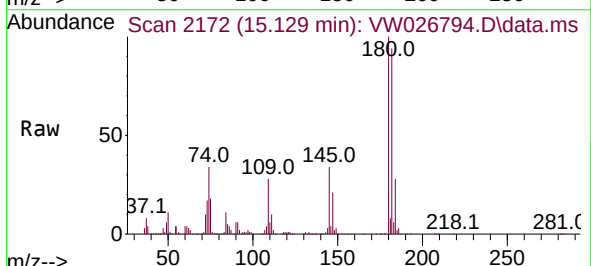
Tgt Ion:180 Resp: 281171

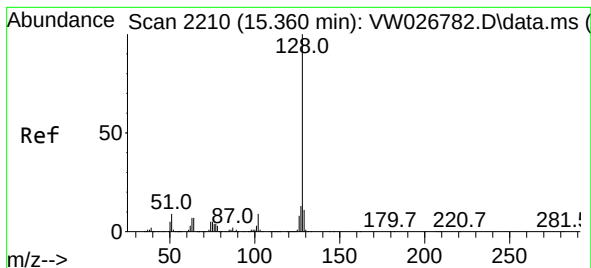
Ion Ratio Lower Upper

180 100

182 92.3 72.5 108.7

145 32.6 24.7 37.1





#71

Naphthalene

Concen: 30.046 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Instrument :

MSVOA_W

ClientSampleId :

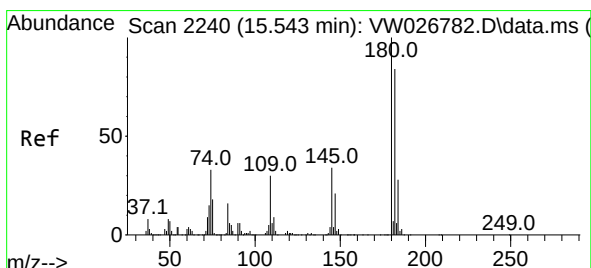
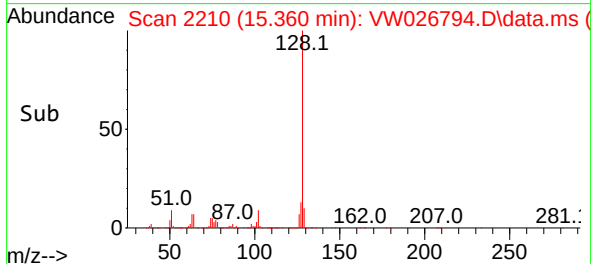
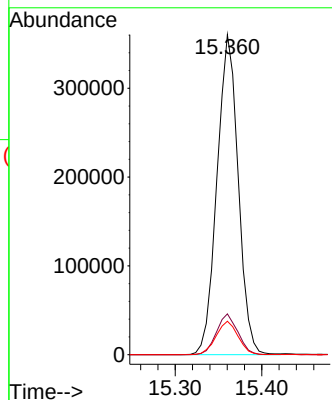
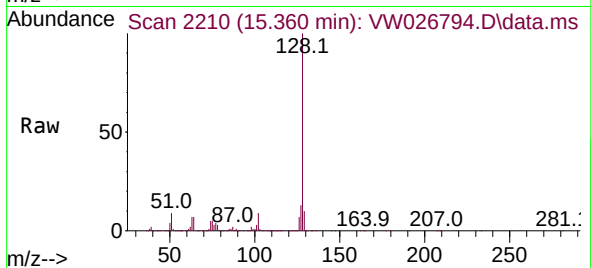
Tgt Ion:128 Resp: 613348

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.708 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW026794.D

Acq: 21 Aug 2023 16:41

Tgt Ion:180 Resp: 257797

Ion Ratio Lower Upper

180 100

182 93.9 74.6 112.0

145 34.6 27.0 40.6

