

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081523\
 Data File : VW026749.D
 Acq On : 15 Aug 2023 15:51
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025580

Quant Time: Aug 16 01:31:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 16 01:29:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	525631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	517393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	279040	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	135884	15.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.920%
7) Chloroethane-d5	2.893	69	115080	17.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.640%
11) 1,1-Dichloroethene-d2	4.021	65	41450	9.753	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.000%#
21) 2-Butanone-d5	7.075	46	116326	46.839	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.680%
24) Chloroform-d	7.648	84	428880	24.311	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.240%
26) 1,2-Dichloroethane-d4	8.301	65	239519	24.602	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	8.270	84	846334	23.735	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.920%
36) 1,2-Dichloropropane-d6	9.270	67	275567	24.810	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	10.319	98	745520	24.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.440%
43) trans-1,3-Dichloroprop...	10.575	79	105218	22.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.922	63	58118	49.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225385	25.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	236731	23.703	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	152637	21.358	ug/L #	86
3) Chloromethane	2.229	50	175450	17.954	ug/L	98
5) Vinyl chloride	2.375	62	181860	19.467	ug/L	99
6) Bromomethane	2.784	94	109059	20.037	ug/L	100
8) Chloroethane	2.930	64	110914	19.815	ug/L	99
9) Trichlorofluoromethane	3.259	101	136530	17.808	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	187739	22.670	ug/L #	77
12) 1,1-Dichloroethene	4.052	96	178718	23.003	ug/L	95
13) Acetone	4.125	43	81496	33.003	ug/L	98
14) Carbon disulfide	4.393	76	624383	22.339	ug/L	99
15) Methyl Acetate	4.673	43	115937	23.439	ug/L	98
16) Methylene chloride	4.923	84	234515	23.064	ug/L	100
17) trans-1,2-Dichloroethene	5.417	96	197867	22.823	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	307826	23.466	ug/L	100
19) 1,1-Dichloroethane	6.216	63	427972	23.985	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	217542	23.345	ug/L	97
22) 2-Butanone	7.173	43	142959	39.284	ug/L	98
23) Bromochloromethane	7.514	128	98473	24.463	ug/L	97
25) Chloroform	7.673	83	404482	23.464	ug/L	97

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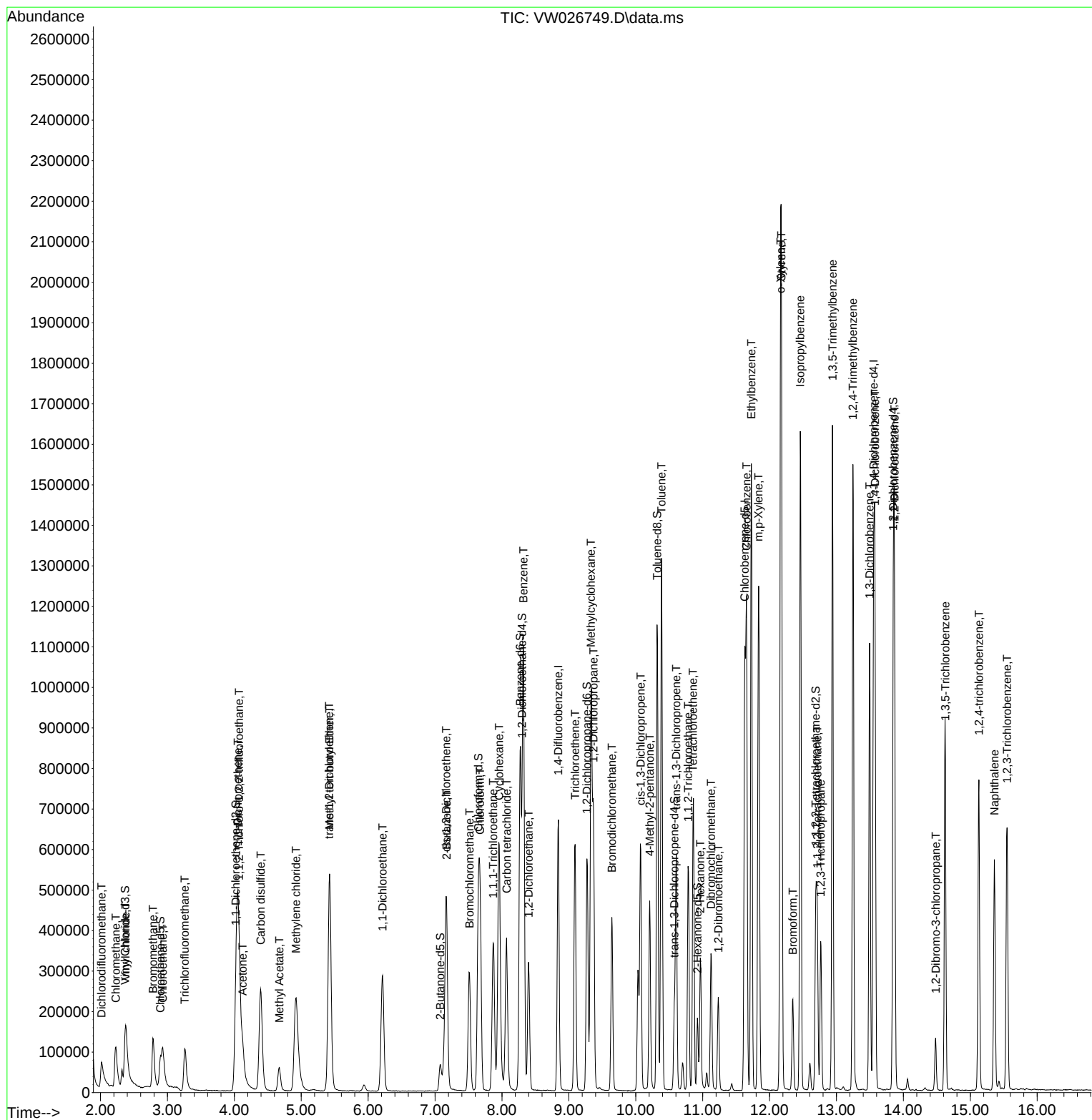
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27) 1,2-Dichloroethane	8.398	62	287581	23.914	ug/L	98
29) Cyclohexane	7.959	56	369500	23.093	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	304450	22.547	ug/L	100
31) Carbon tetrachloride	8.069	117	284364	23.032	ug/L	97
33) Benzene	8.319	78	911165	24.183	ug/L	100
34) Trichloroethene	9.093	95	220546	22.983	ug/L	96
35) Methylcyclohexane	9.331	83	380678	23.189	ug/L	99
37) 1,2-Dichloropropane	9.368	63	254173	24.628	ug/L	99
38) Bromodichloromethane	9.642	83	287263	23.727	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	356053	23.982	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	318629	47.464	ug/L	100
42) Toluene	10.386	91	931201	24.432	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	304105	23.797	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	169825	24.061	ug/L	97
46) Tetrachloroethene	10.855	164	156628	22.467	ug/L	94
48) 2-Hexanone	10.965	43	213189	46.671	ug/L	98
49) Dibromochloromethane	11.123	129	174296	23.611	ug/L	89
50) 1,2-Dibromoethane	11.233	107	154664	23.354	ug/L	91
51) Chlorobenzene	11.654	112	565618	23.493	ug/L	99
52) Ethylbenzene	11.727	91	1038586	24.299	ug/L	99
53) m,p-Xylene	11.837	106	384062	24.255	ug/L	97
54) o-Xylene	12.166	106	368391	24.928	ug/L	98
55) Styrene	12.178	104	653095	25.417	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	211258	23.634	ug/L	97
59) Bromoform	12.349	173	101552	23.232	ug/L	99
60) Isopropylbenzene	12.459	105	1001129	24.131	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	156144	23.069	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	813090	24.796	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	787841	24.518	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	414556	22.977	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	431609	22.922	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	382804	23.332	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	34951	21.419	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	258685	21.222	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	222425	21.522	ug/L	93
71) Naphthalene	15.361	128	444447	22.545	ug/L	99
72) 1,2,3-Trichlorobenzene	15.550	180	205047	21.997	ug/L	96

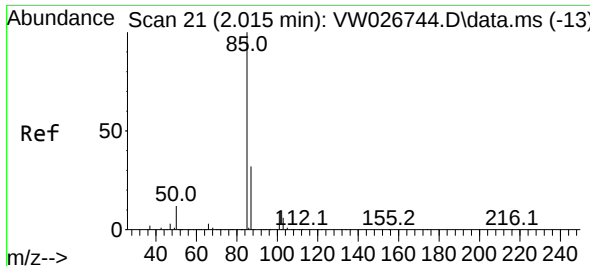
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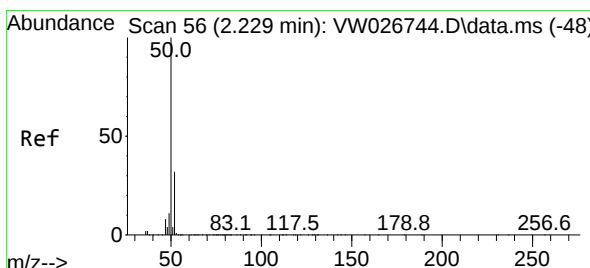
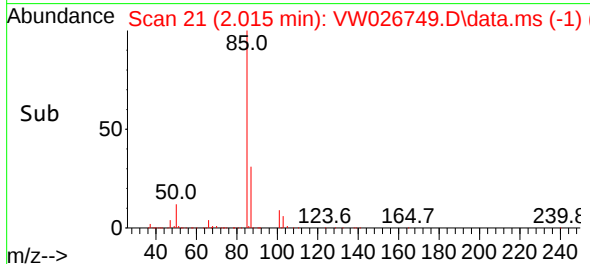
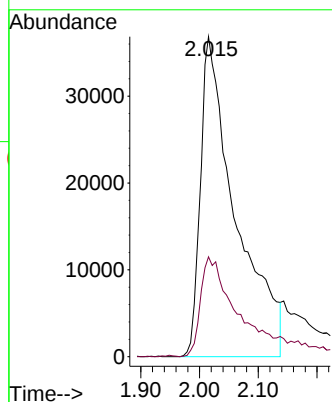
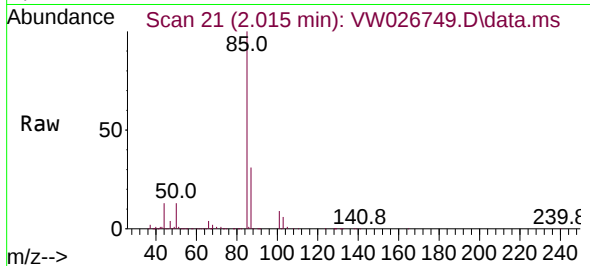




#2
 Dichlorodifluoromethane
 Concen: 21.358 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026749.D
 Acq: 15 Aug 2023 15:51

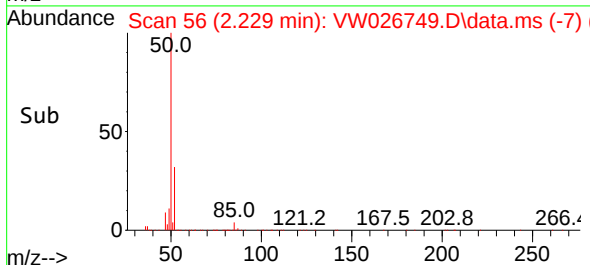
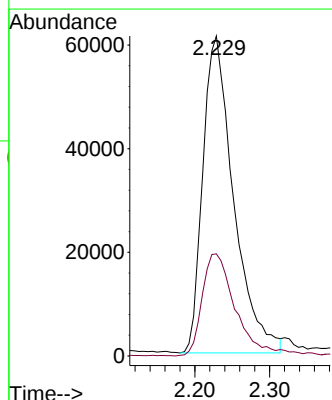
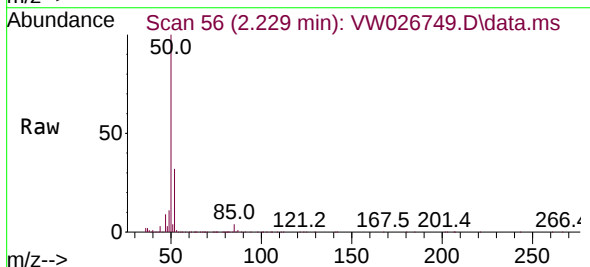
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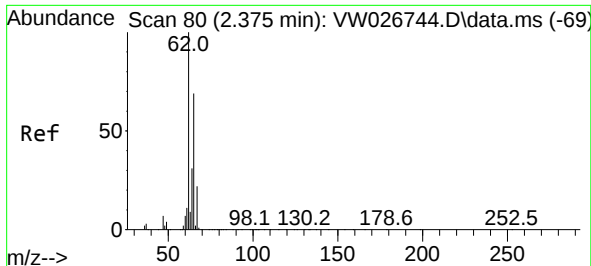
Tgt Ion: 85 Resp: 152637
 Ion Ratio Lower Upper
 85 100
 87 31.3 19.5 29.3#



#3
 Chloromethane
 Concen: 17.954 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026749.D
 Acq: 15 Aug 2023 15:51

Tgt Ion: 50 Resp: 175450
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.0 42.8

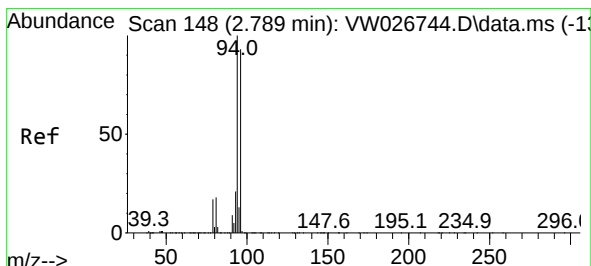
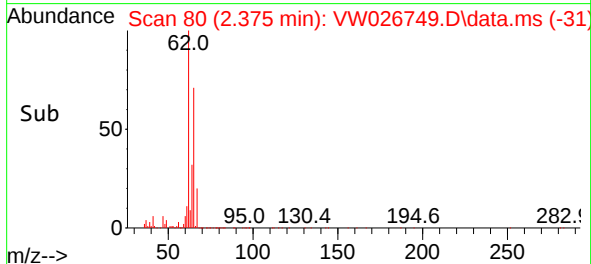
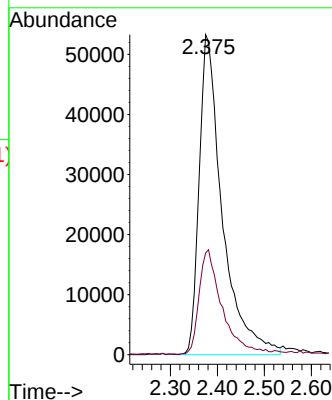
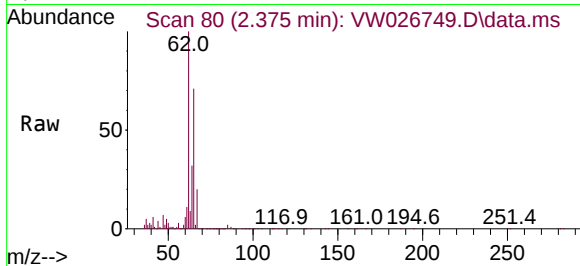




#5
 Vinyl chloride
 Concen: 19.467 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026749.D
 Acq: 15 Aug 2023 15:51

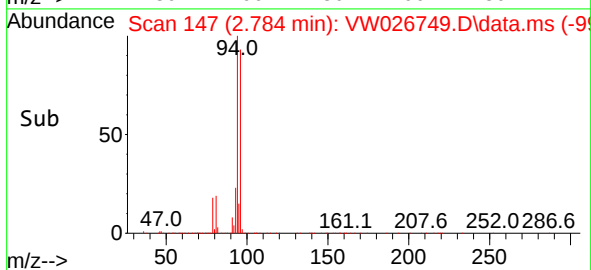
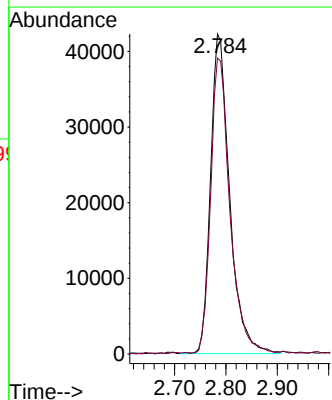
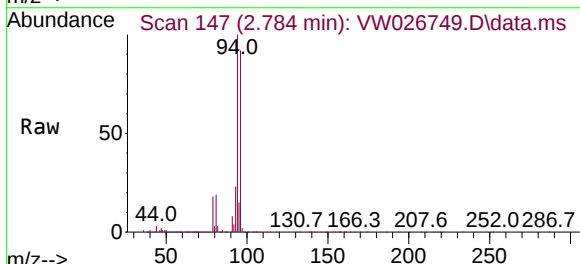
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 ClientSampleId :
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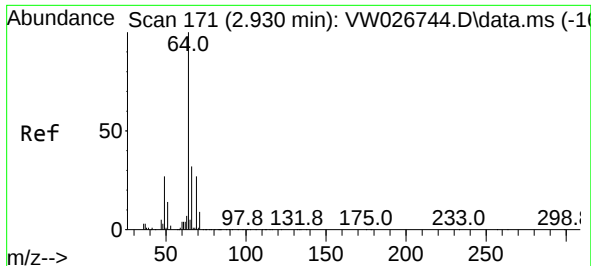
Tgt Ion: 62 Resp: 181860
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.7 42.3



#6
 Bromomethane
 Concen: 20.037 ug/L
 RT: 2.784 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026749.D
 Acq: 15 Aug 2023 15:51

Tgt Ion: 94 Resp: 109059
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.8 120.3

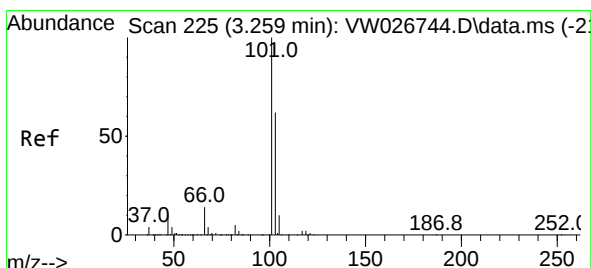
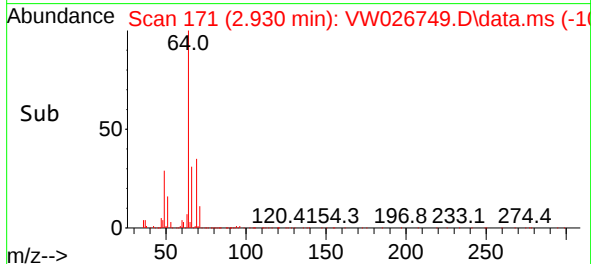
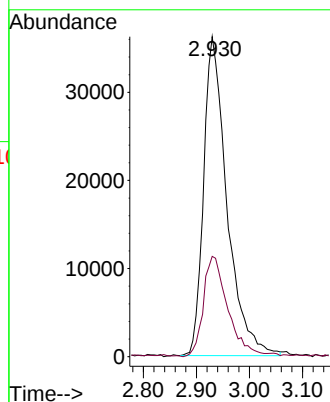
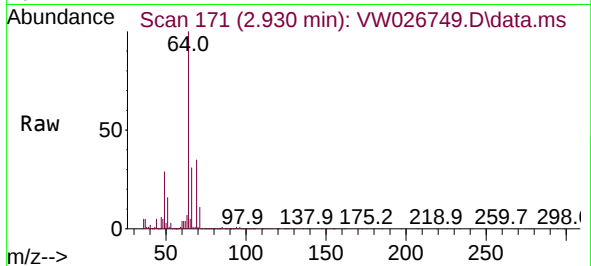




#8
Chloroethane
Concen: 19.815 ug/L
RT: 2.930 min Scan# 110
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

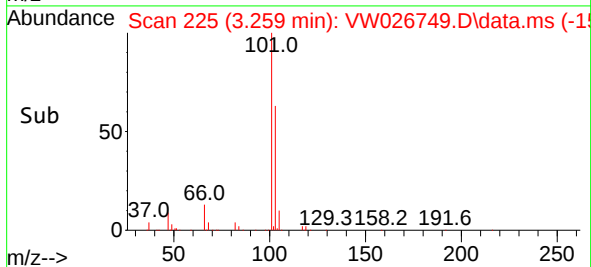
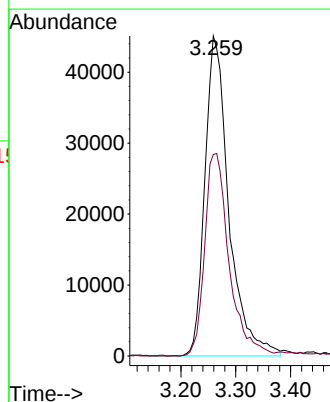
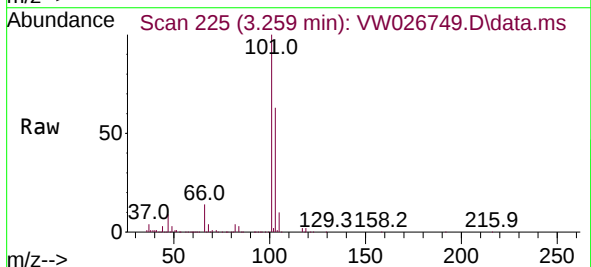
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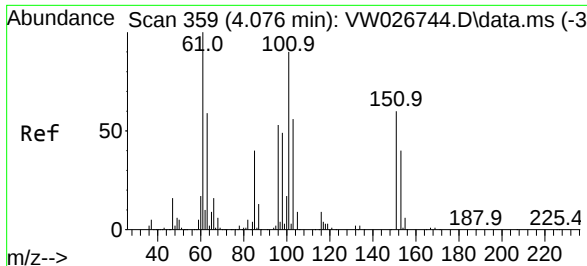
Tgt Ion: 64 Resp: 110914
Ion Ratio Lower Upper
64 100
66 31.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 17.808 ug/L
RT: 3.259 min Scan# 225
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 101 Resp: 136530
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9

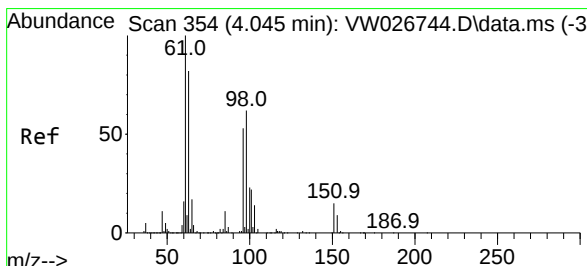
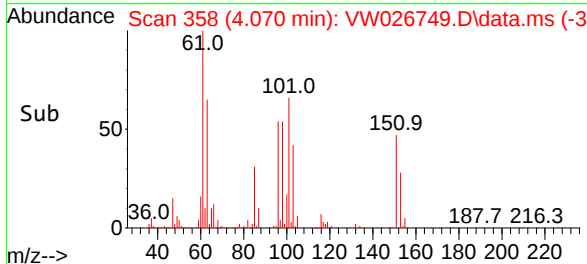
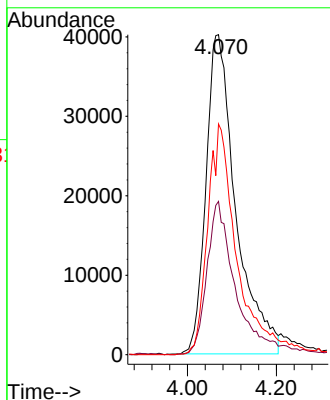
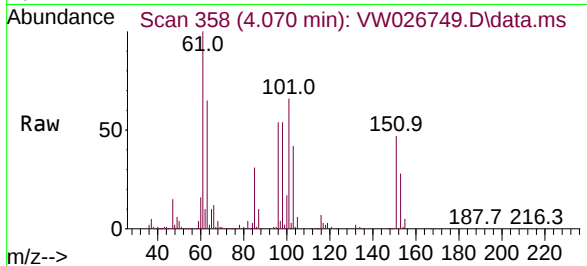




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.670 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026749.D
 Acq: 15 Aug 2023 15:51

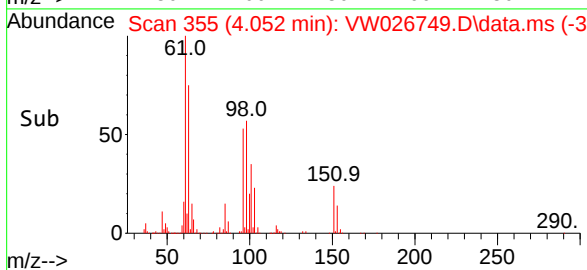
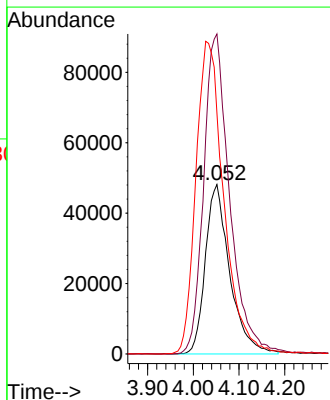
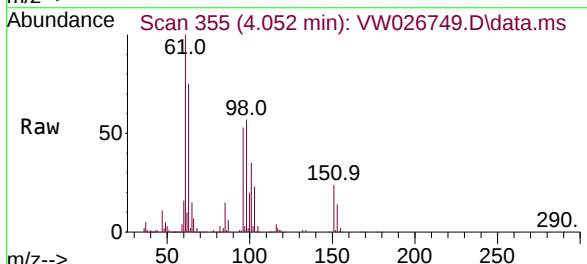
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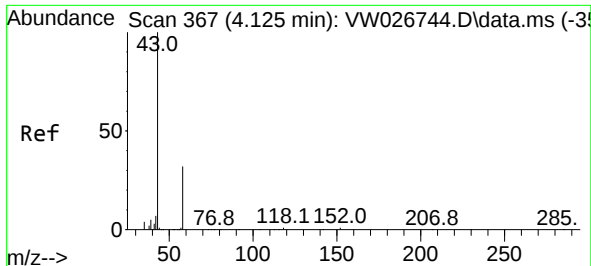
Tgt Ion:101 Resp: 187739
 Ion Ratio Lower Upper
 101 100
 85 44.2 32.8 49.2
 151 40.6 54.4 81.6#



#12
 1,1-Dichloroethene
 Concen: 23.003 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026749.D
 Acq: 15 Aug 2023 15:51

Tgt Ion: 96 Resp: 178718
 Ion Ratio Lower Upper
 96 100
 61 188.8 133.2 247.4
 63 142.2 109.0 202.4

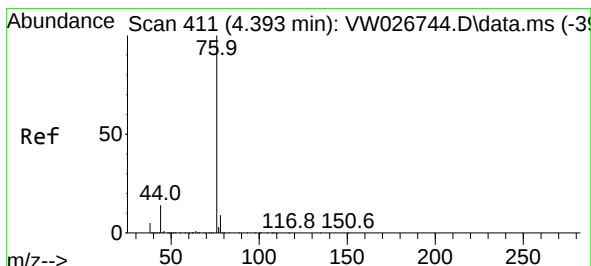
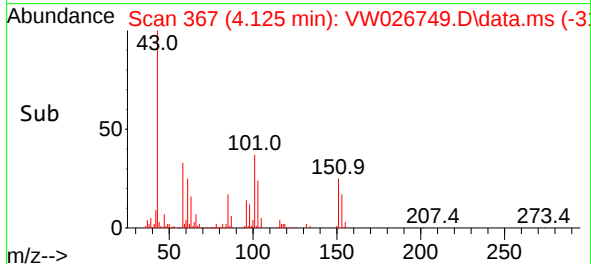
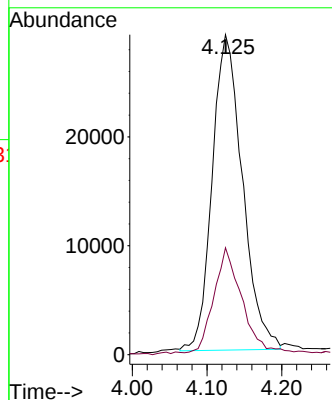
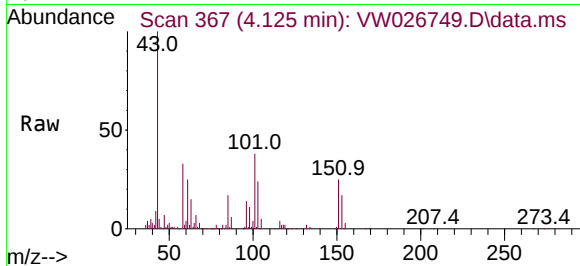




#13
Acetone
Concen: 33.003 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
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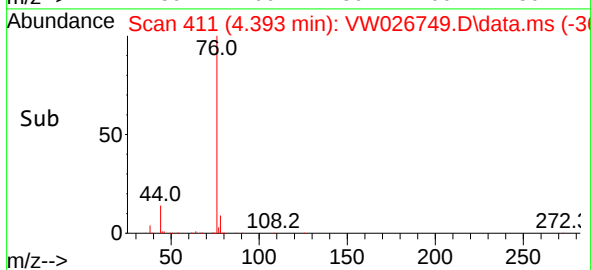
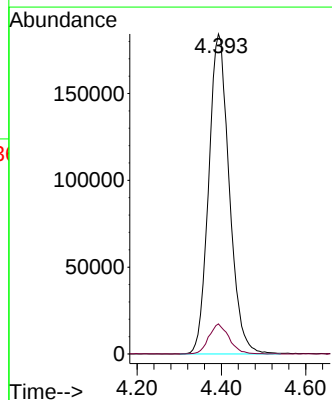
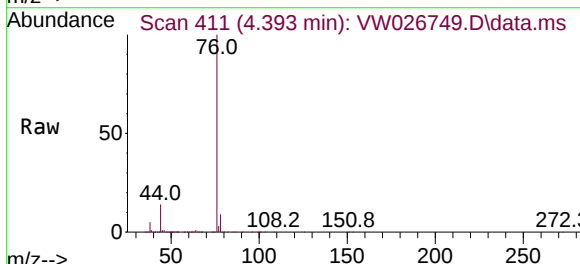
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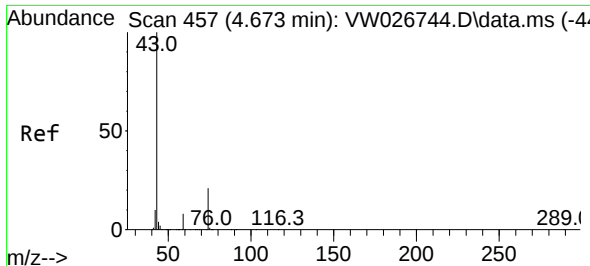
Tgt Ion: 43 Resp: 81496
Ion Ratio Lower Upper
43 100
58 29.6 0.0 57.4



#14
Carbon disulfide
Concen: 22.339 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 76 Resp: 624383
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

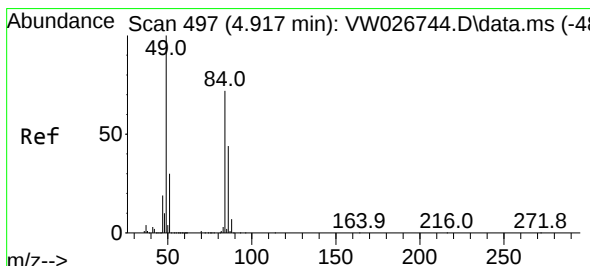
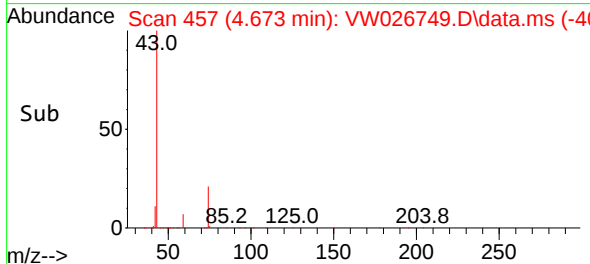
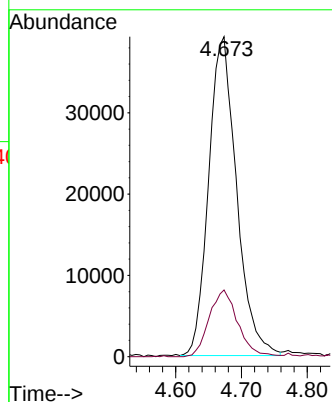
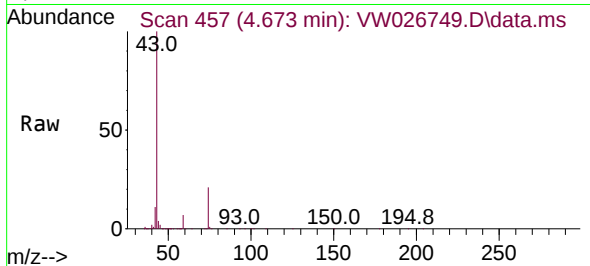




#15
Methyl Acetate
Concen: 23.439 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

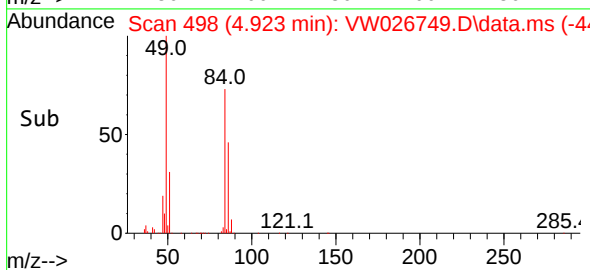
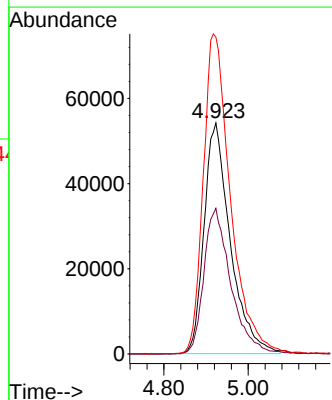
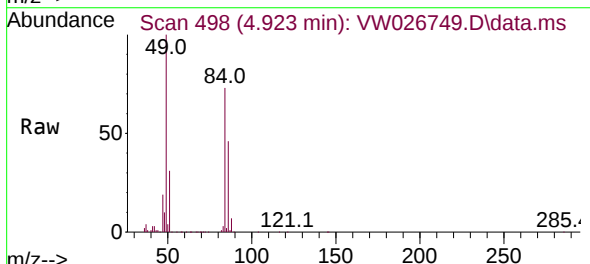
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

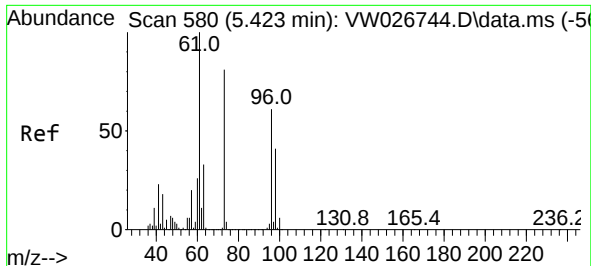
Tgt Ion: 43 Resp: 115937
Ion Ratio Lower Upper
43 100
74 21.5 16.4 24.6



#16
Methylene chloride
Concen: 23.064 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 84 Resp: 234515
Ion Ratio Lower Upper
84 100
86 63.0 43.5 80.9
49 137.3 96.0 178.2

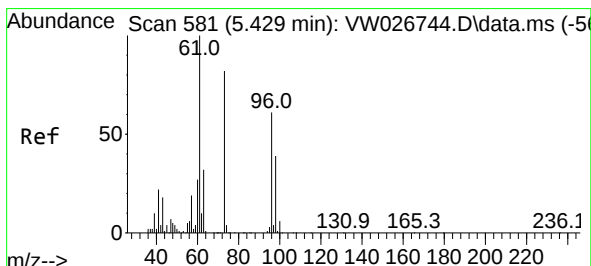
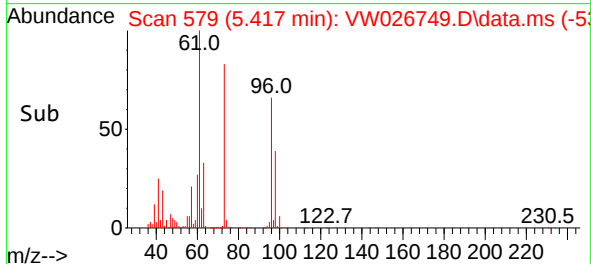
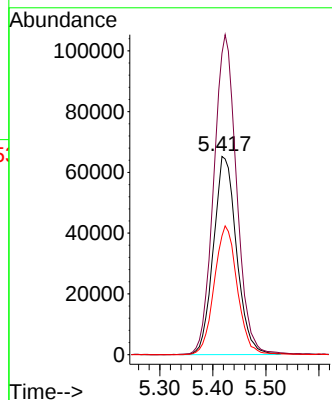
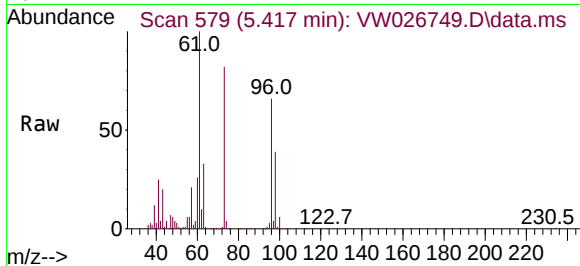




#17
trans-1,2-Dichloroethene
Concen: 22.823 ug/L
RT: 5.417 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

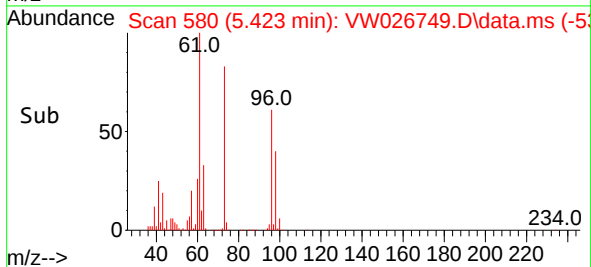
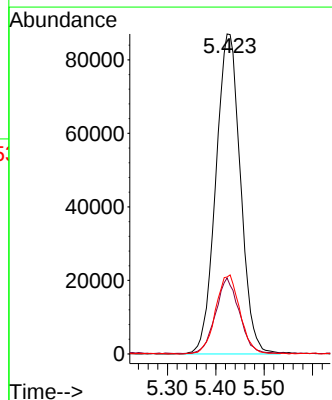
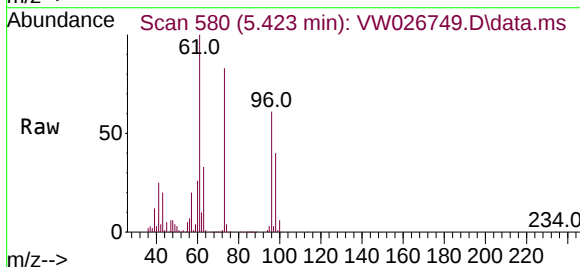
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

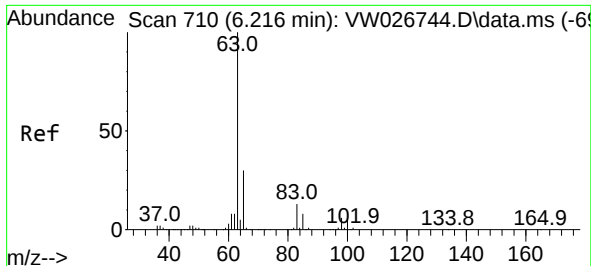
Tgt Ion: 96 Resp: 197867
Ion Ratio Lower Upper
96 100
61 152.0 109.4 203.2
98 59.9 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 23.466 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 73 Resp: 307826
Ion Ratio Lower Upper
73 100
43 22.5 18.0 27.0
57 24.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.985 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

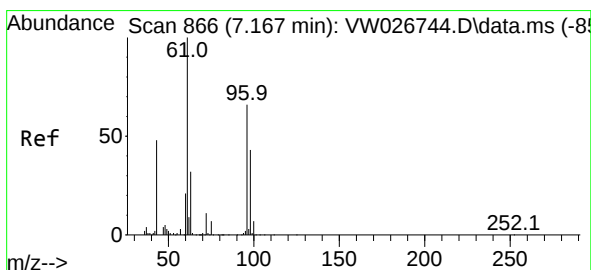
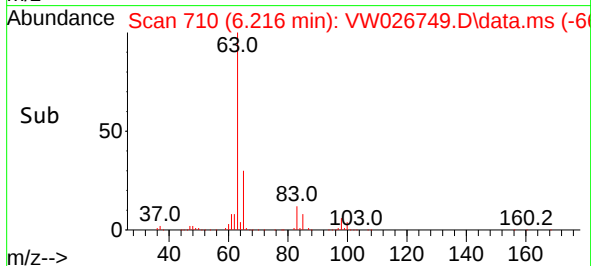
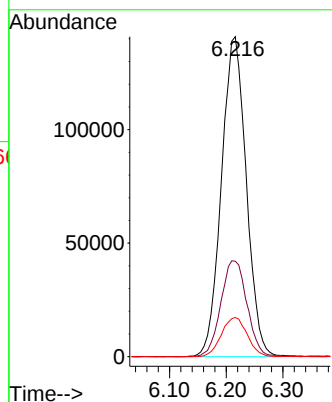
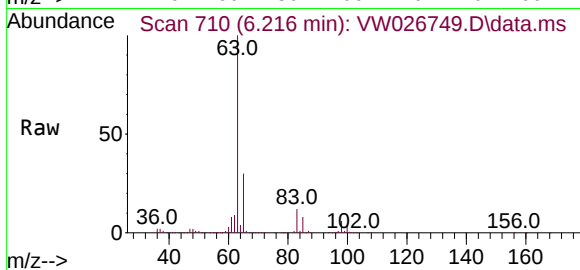
Tgt Ion: 63 Resp: 427972

Ion Ratio Lower Upper

63 100

65 29.9 21.8 40.6

83 12.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.345 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

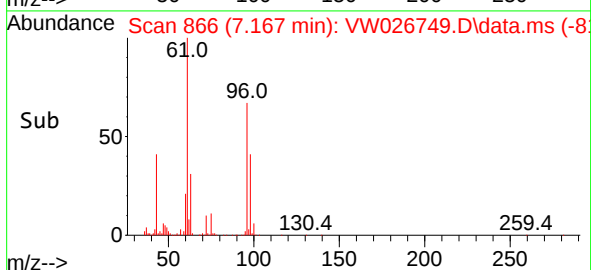
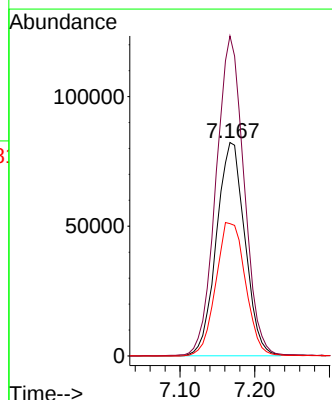
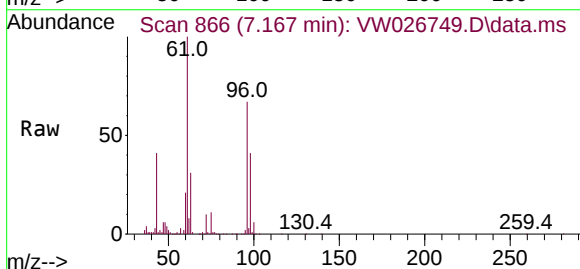
Tgt Ion: 96 Resp: 217542

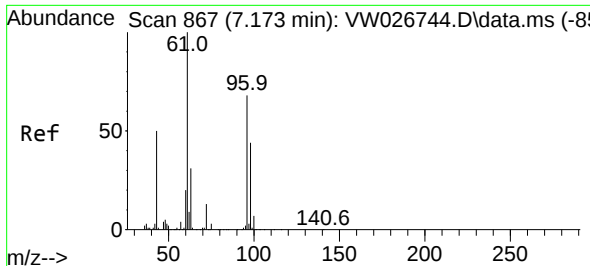
Ion Ratio Lower Upper

96 100

61 149.9 101.2 188.0

98 61.9 43.8 81.3

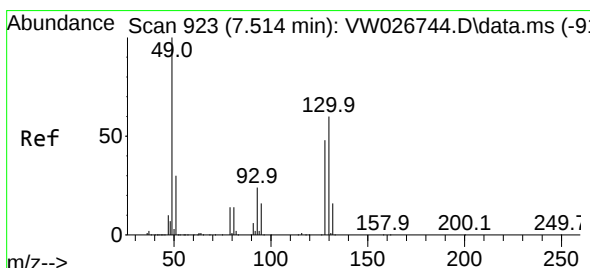
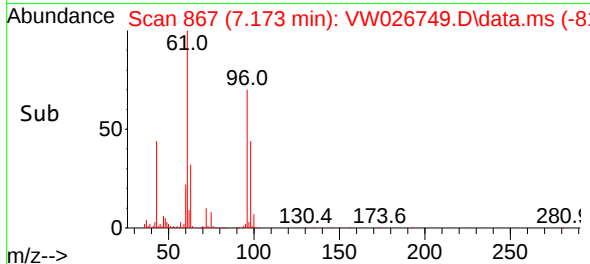
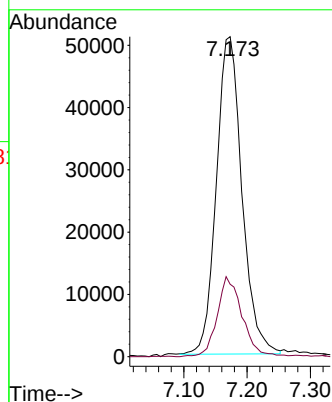
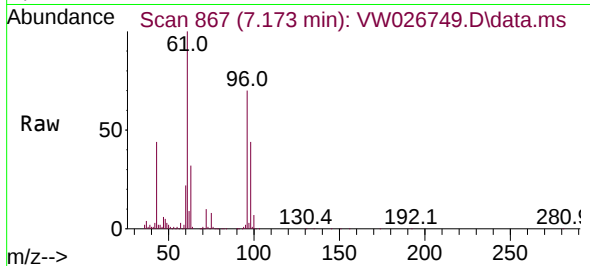




#22
2-Butanone
Concen: 39.284 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

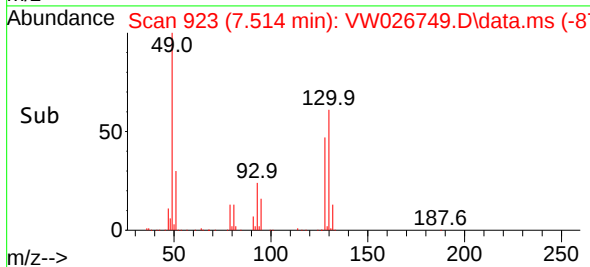
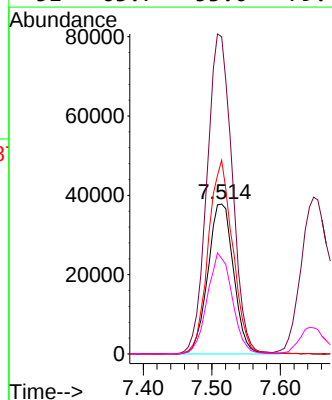
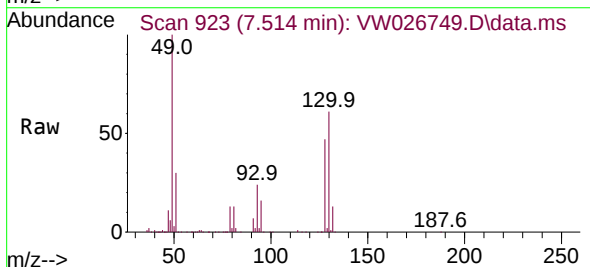
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

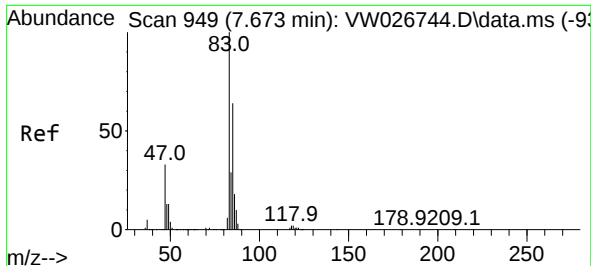
Tgt Ion: 43 Resp: 142959
Ion Ratio Lower Upper
43 100
72 24.4 11.8 35.4



#23
Bromochloromethane
Concen: 24.463 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 128 Resp: 98473
Ion Ratio Lower Upper
128 100
49 211.6 143.1 265.7
130 129.2 91.8 170.4
51 63.7 53.0 79.4

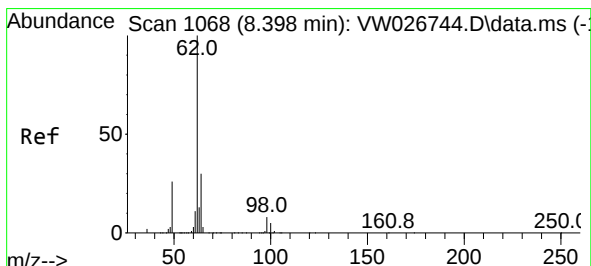
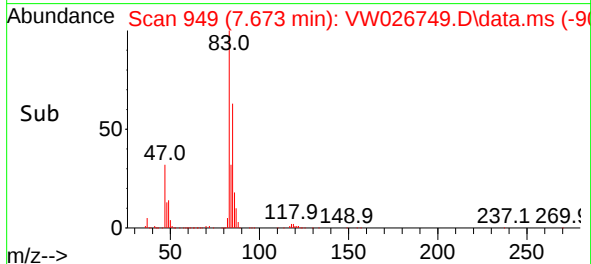
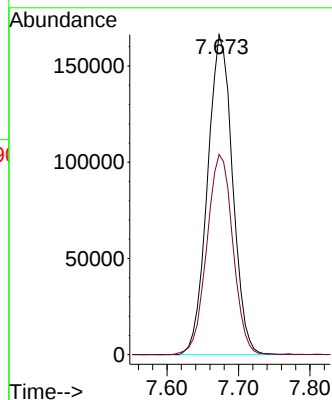
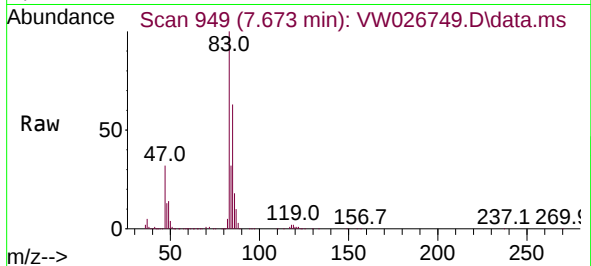




#25
Chloroform
Concen: 23.464 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

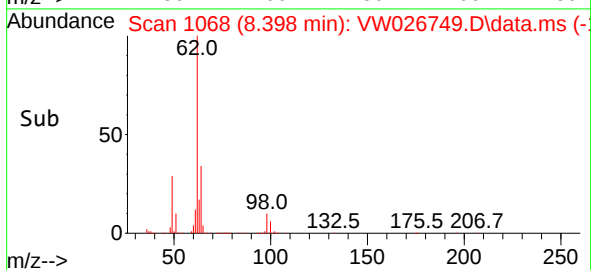
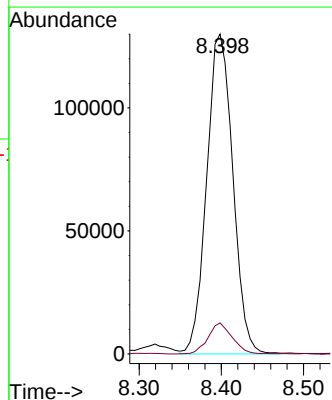
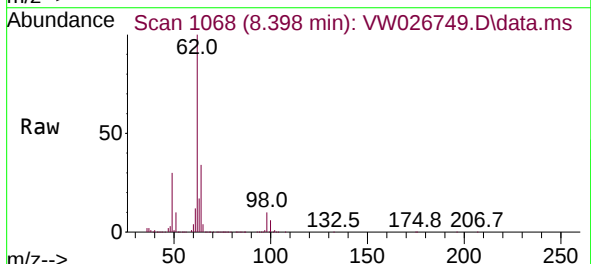
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

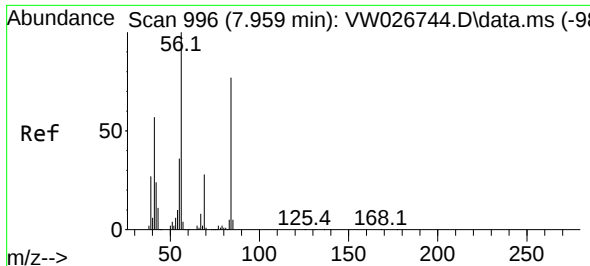
Tgt Ion: 83 Resp: 404482
Ion Ratio Lower Upper
83 100
85 62.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 23.914 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 62 Resp: 287581
Ion Ratio Lower Upper
62 100
98 9.7 7.1 10.7

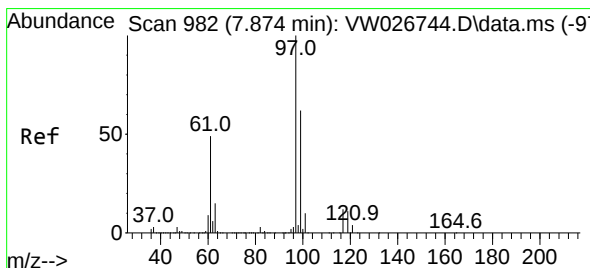
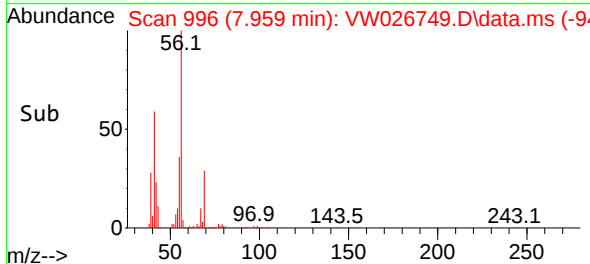
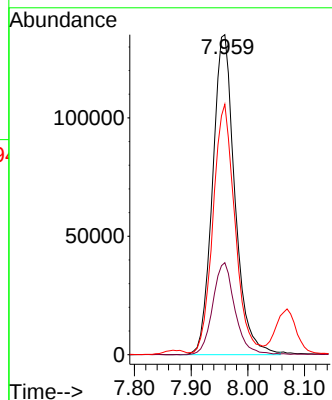
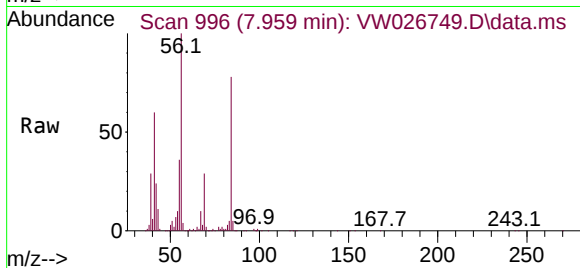




#29
Cyclohexane
Concen: 23.093 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

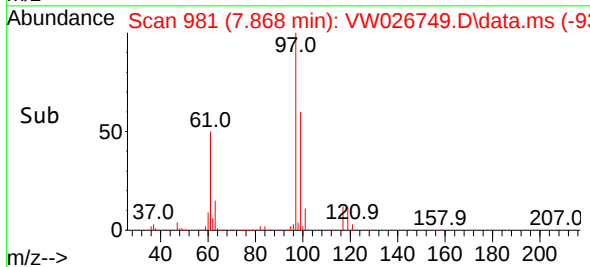
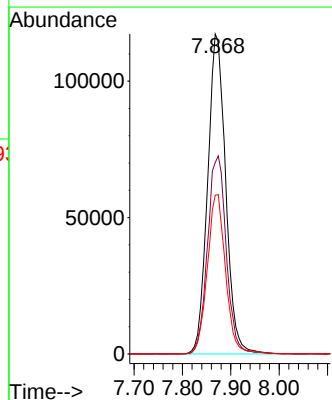
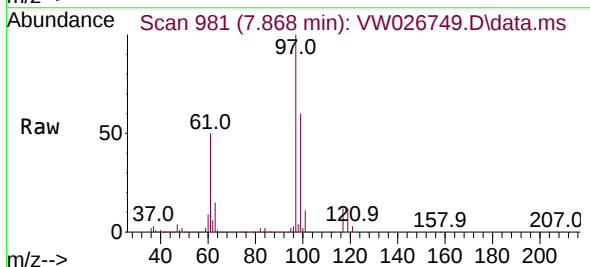
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

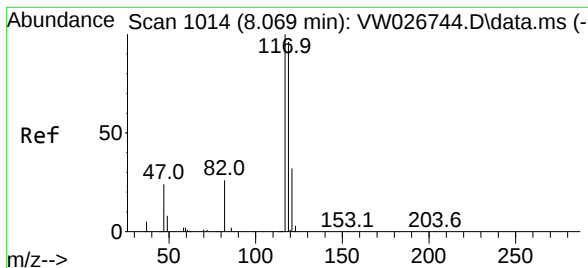
Tgt Ion: 56 Resp: 369500
Ion Ratio Lower Upper
56 100
69 28.5 23.2 34.8
84 77.1 62.7 94.1



#30
1,1,1-Trichloroethane
Concen: 22.547 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 97 Resp: 304450
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 49.7 39.2 58.8





#31

Carbon tetrachloride

Concen: 23.032 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

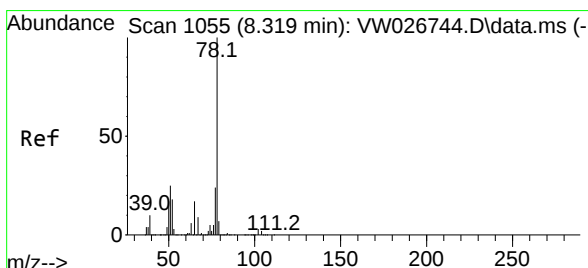
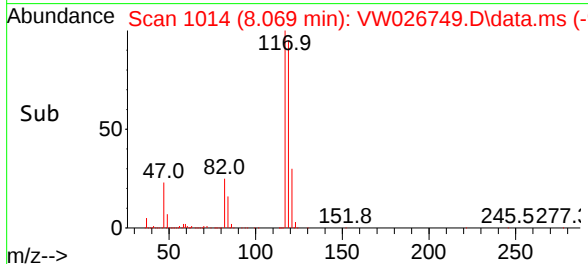
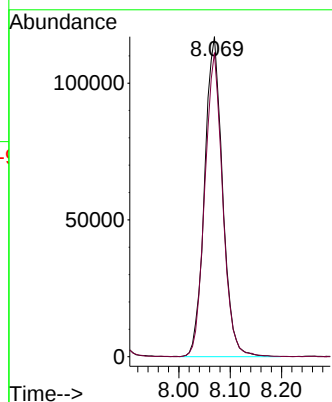
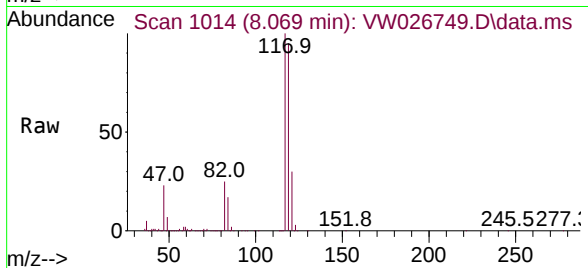
VSTD025580

Tgt Ion:117 Resp: 284364

Ion Ratio Lower Upper

117 100

119 94.5 73.0 109.4



#33

Benzene

Concen: 24.183 ug/L

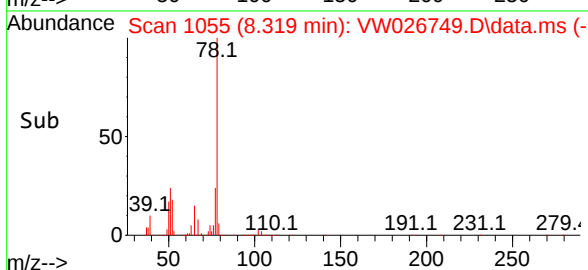
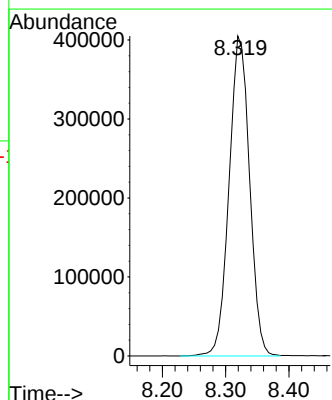
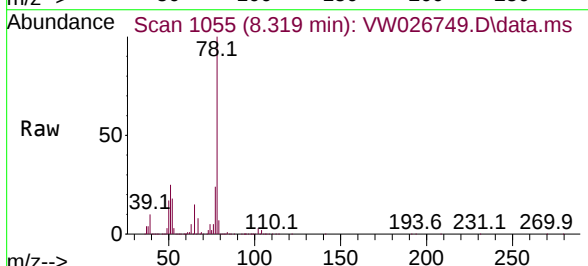
RT: 8.319 min Scan# 1055

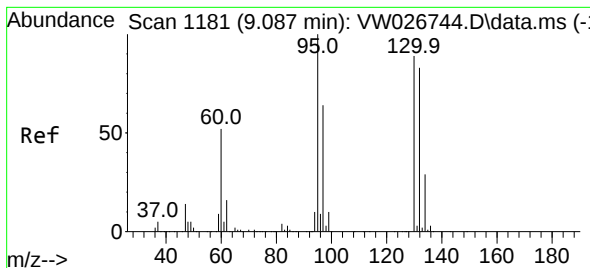
Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Tgt Ion: 78 Resp: 911165





#34

Trichloroethene

Concen: 22.983 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

Tgt Ion: 95 Resp: 220546

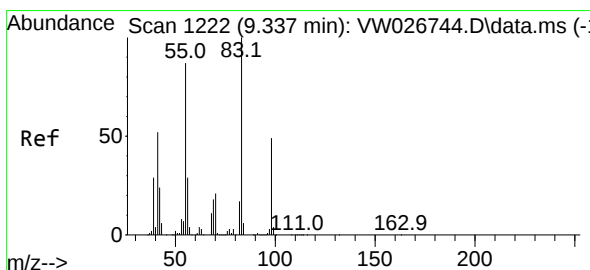
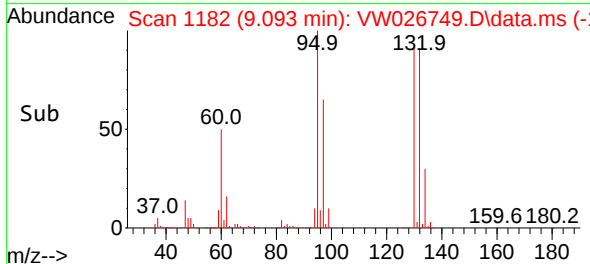
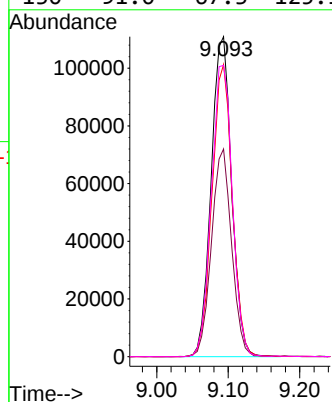
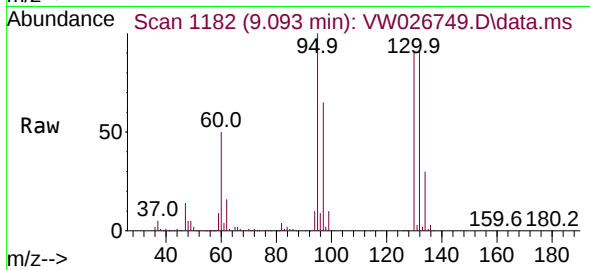
Ion Ratio Lower Upper

95 100

97 64.9 44.6 82.8

132 91.3 66.4 123.2

130 91.0 67.3 125.1



#35

Methylcyclohexane

Concen: 23.189 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

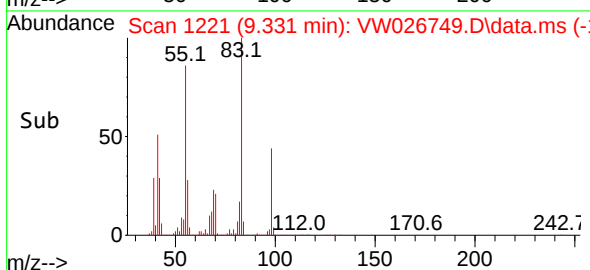
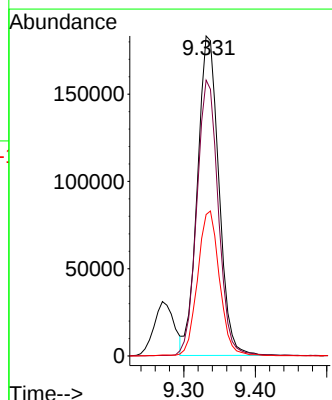
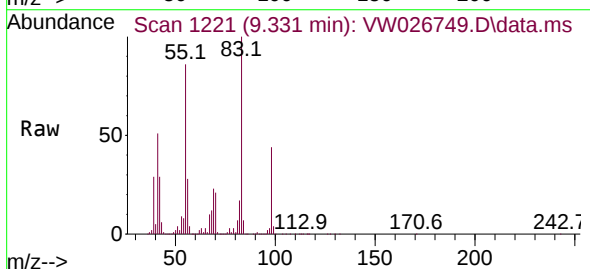
Tgt Ion: 83 Resp: 380678

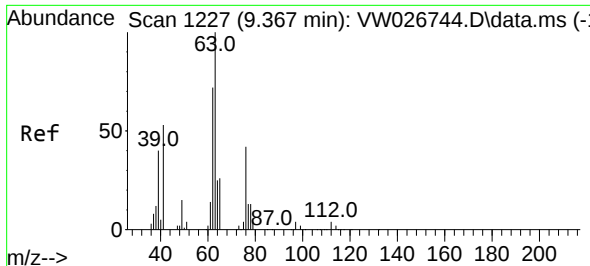
Ion Ratio Lower Upper

83 100

55 86.3 69.3 103.9

98 46.1 37.4 56.0





#37

1,2-Dichloropropane

Concen: 24.628 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

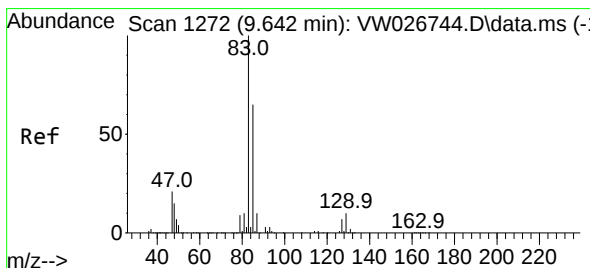
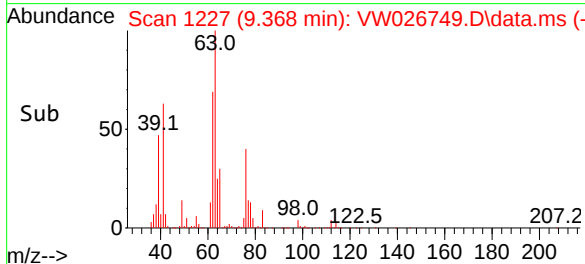
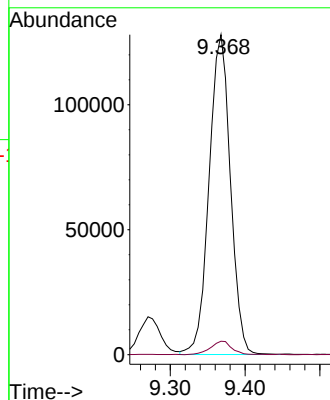
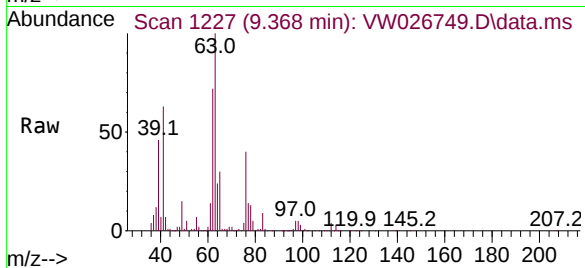
VSTD025580

Tgt Ion: 63 Resp: 254173

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 23.727 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

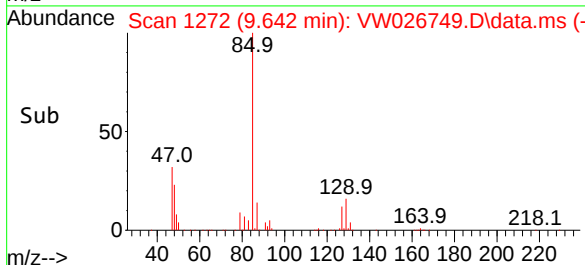
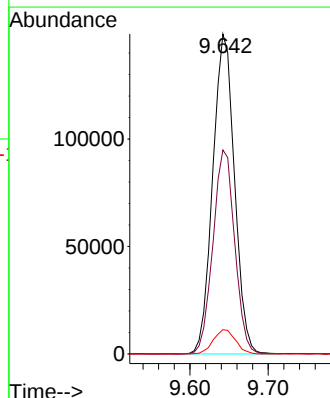
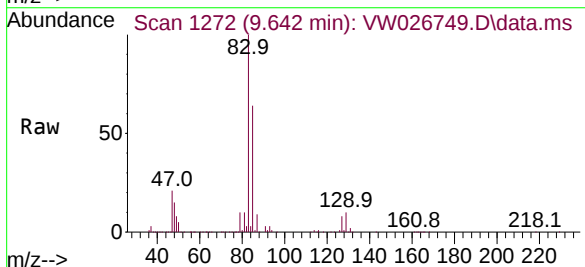
Tgt Ion: 83 Resp: 287263

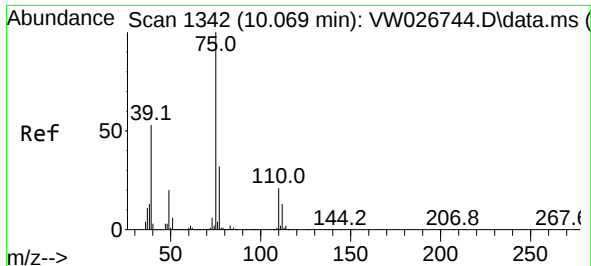
Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.2

127 7.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.982 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

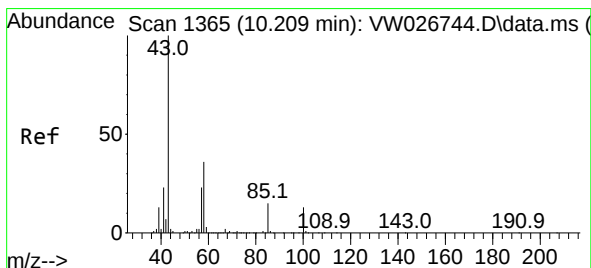
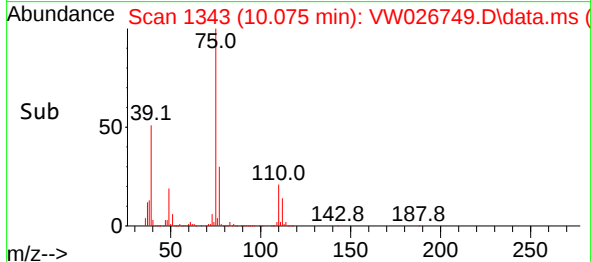
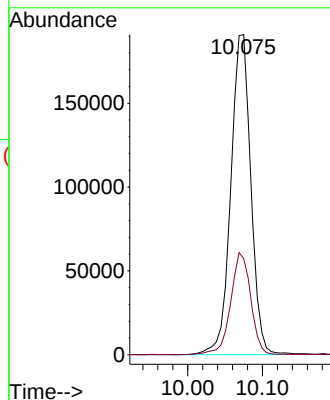
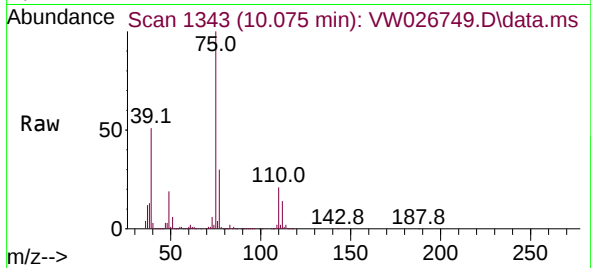
VSTD025580

Tgt Ion: 75 Resp: 356053

Ion Ratio Lower Upper

75 100

77 30.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 47.464 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

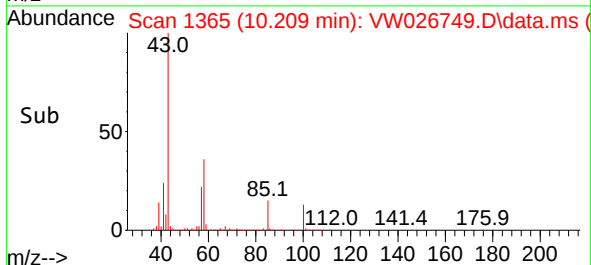
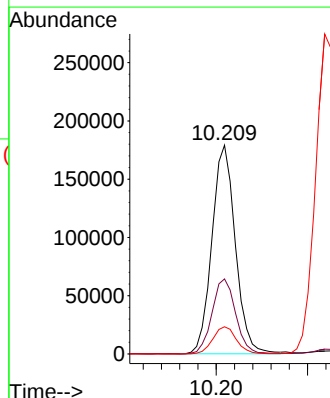
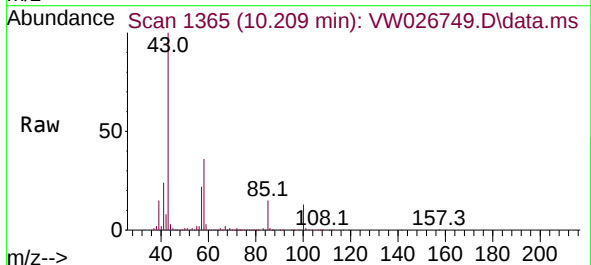
Tgt Ion: 43 Resp: 318629

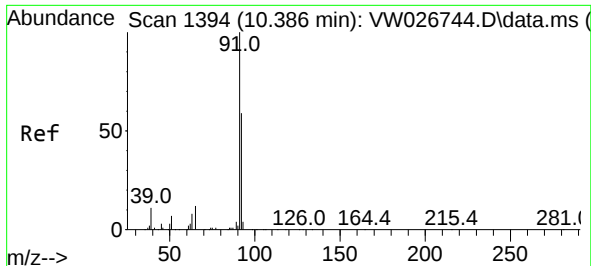
Ion Ratio Lower Upper

43 100

58 36.4 29.2 43.8

100 13.2 10.7 16.1

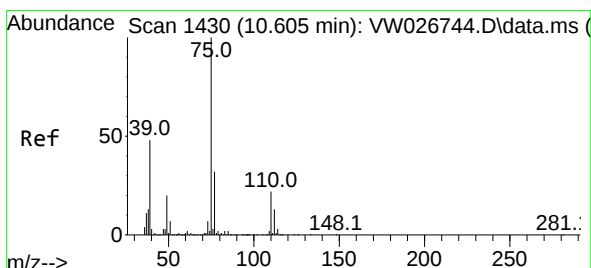
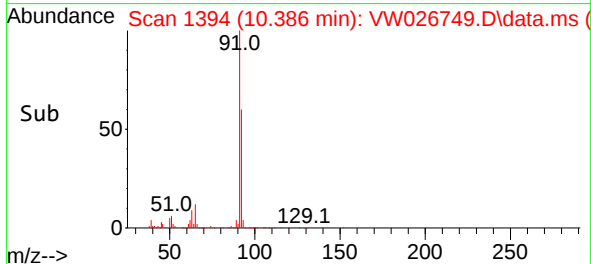
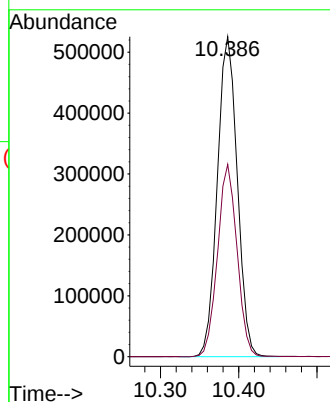
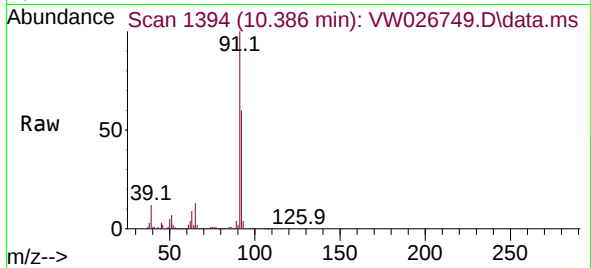




#42
Toluene
Concen: 24.432 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

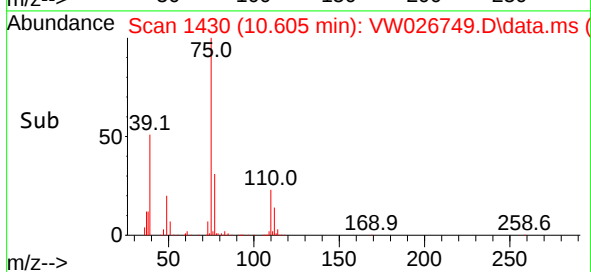
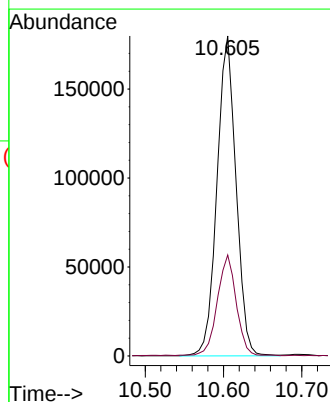
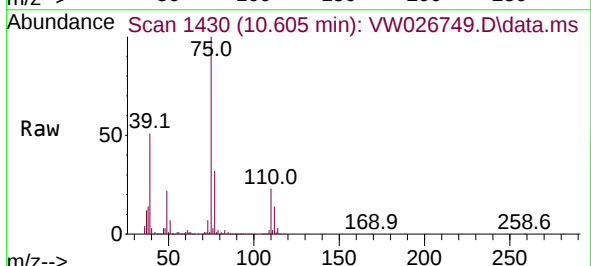
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

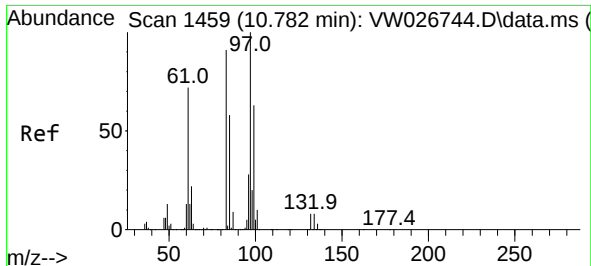
Tgt Ion: 91 Resp: 931201
Ion Ratio Lower Upper
91 100
92 60.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 23.797 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 75 Resp: 304105
Ion Ratio Lower Upper
75 100
77 31.5 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 24.061 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

Tgt Ion: 97 Resp: 169825

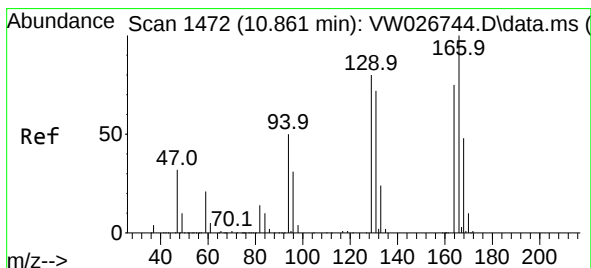
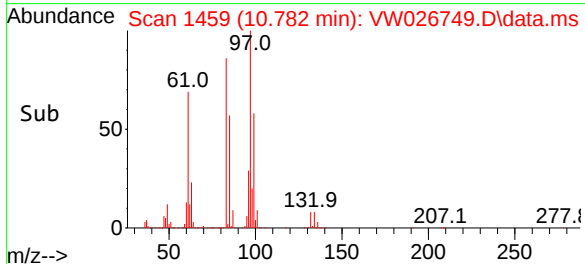
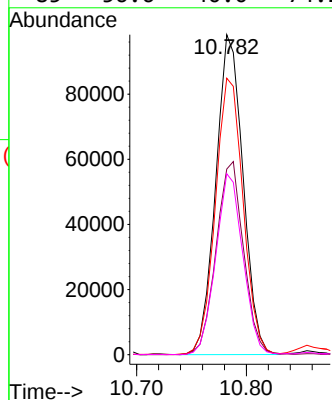
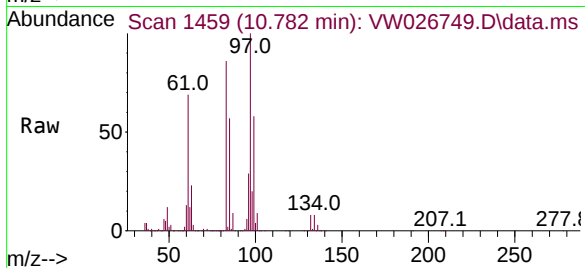
Ion Ratio Lower Upper

97 100

99 58.0 44.2 82.0

83 86.4 61.9 114.9

85 56.6 40.0 74.2



#46

Tetrachloroethene

Concen: 22.467 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Tgt Ion:164 Resp: 156628

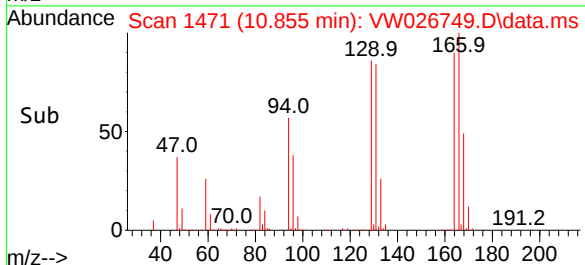
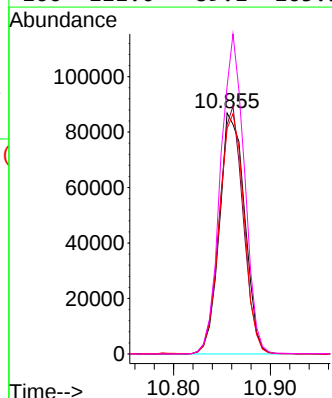
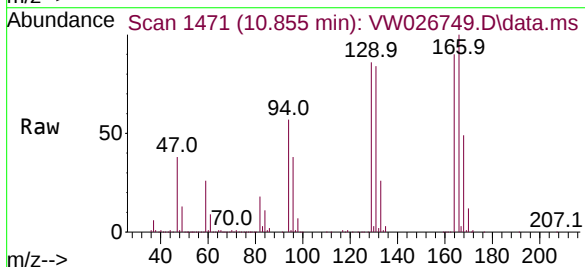
Ion Ratio Lower Upper

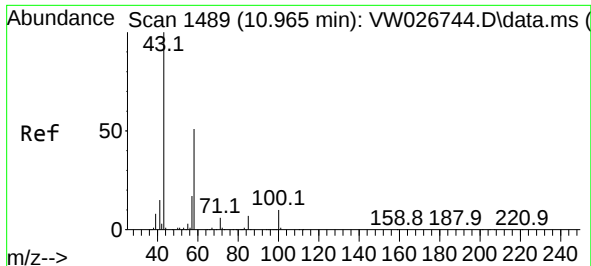
164 100

129 95.1 68.1 126.5

131 93.5 65.5 121.7

166 111.0 89.1 165.5



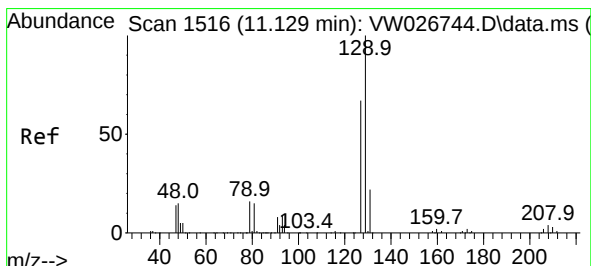
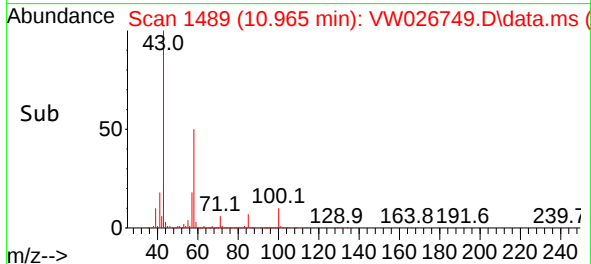
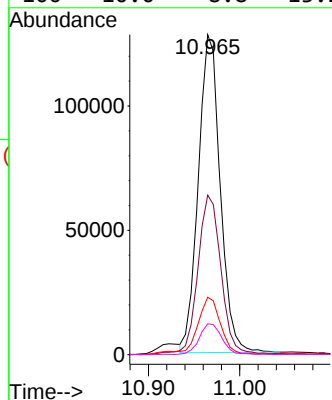
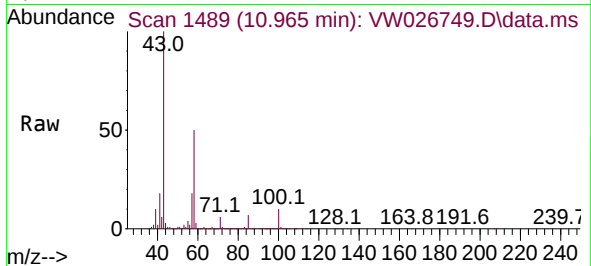


#48
2-Hexanone
Concen: 46.671 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

Tgt Ion: 43 Resp: 213189

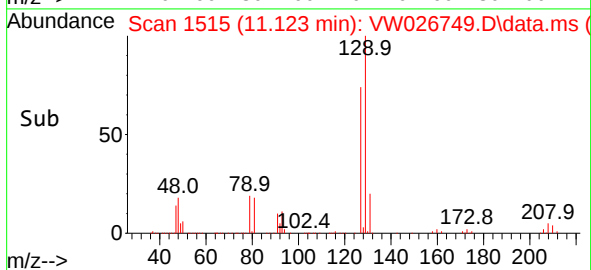
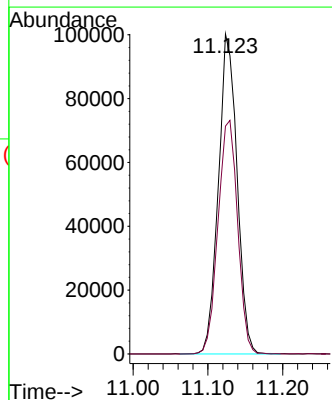
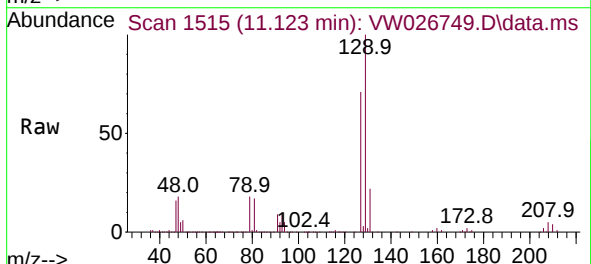
Ion	Ratio	Lower	Upper
43	100		
58	53.2	41.1	61.7
57	18.2	14.3	21.5
100	10.0	8.8	13.2

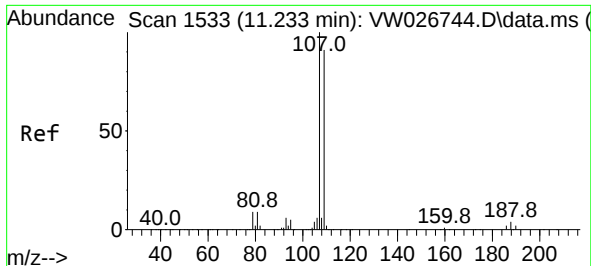


#49
Dibromochloromethane
Concen: 23.611 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 129 Resp: 174296

Ion	Ratio	Lower	Upper
129	100		
127	71.2	56.6	105.2





#50

1,2-Dibromoethane

Concen: 23.354 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

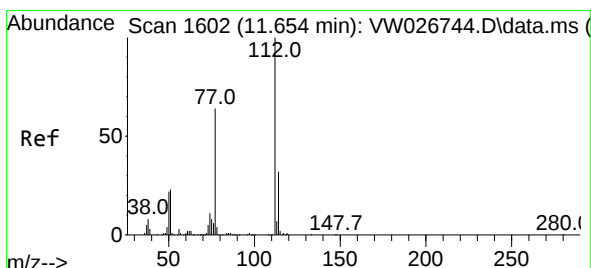
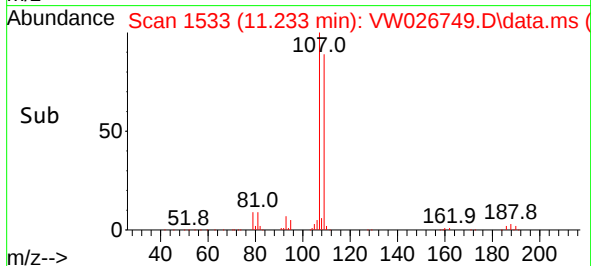
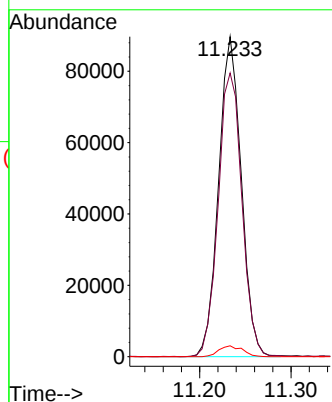
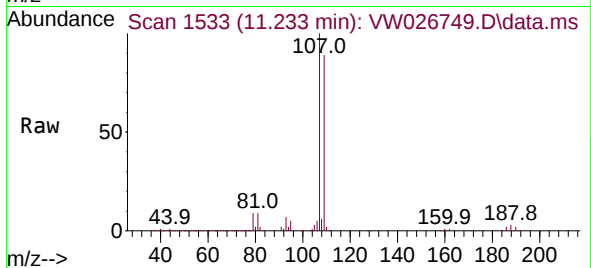
Tgt Ion:107 Resp: 154664

Ion Ratio Lower Upper

107 100

109 88.7 68.8 127.8

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 23.493 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

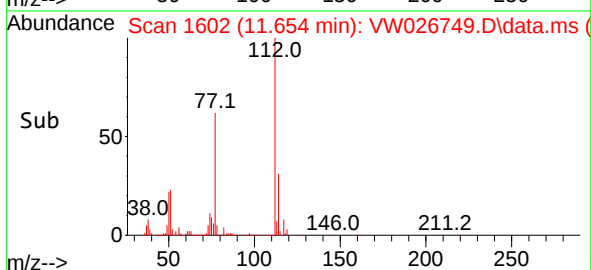
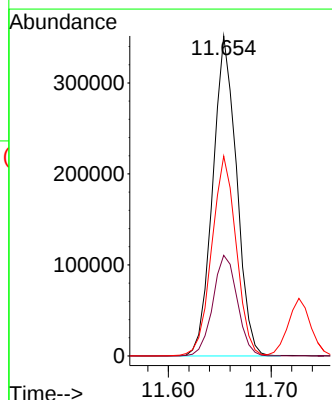
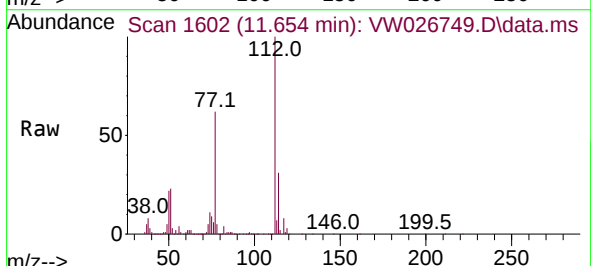
Tgt Ion:112 Resp: 565618

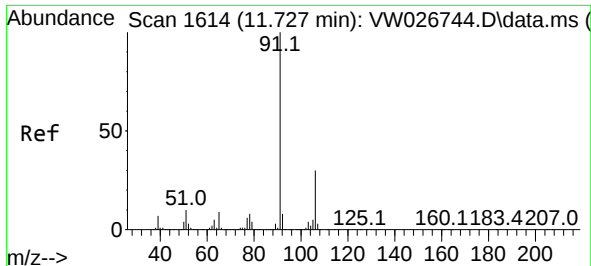
Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 62.4 50.2 75.2

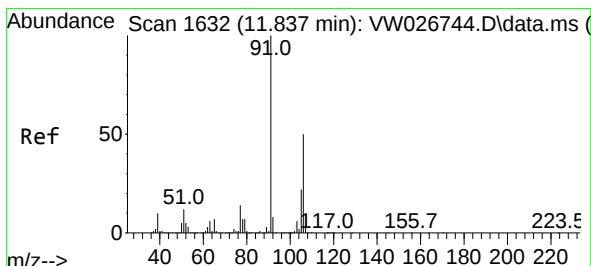
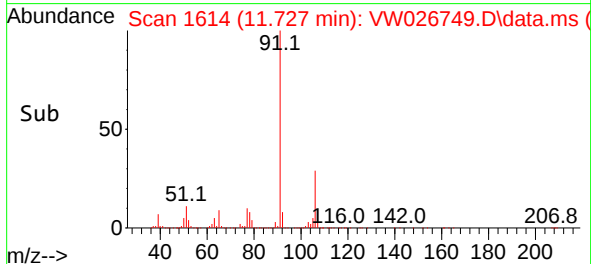
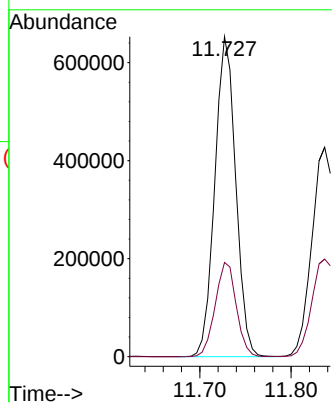
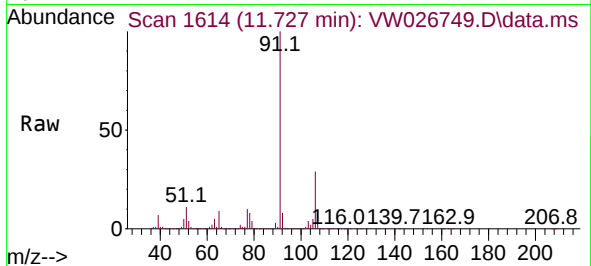




#52
Ethylbenzene
Concen: 24.299 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

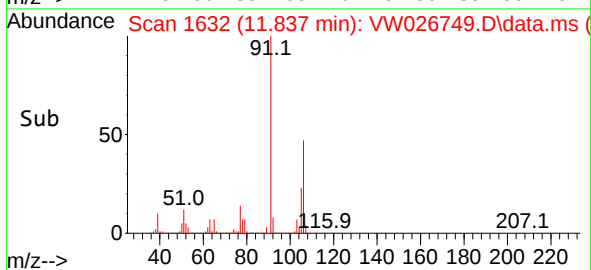
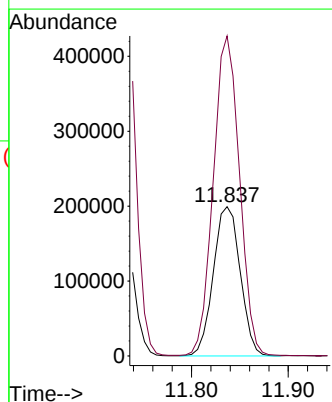
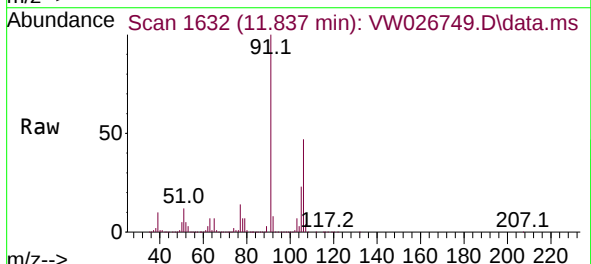
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

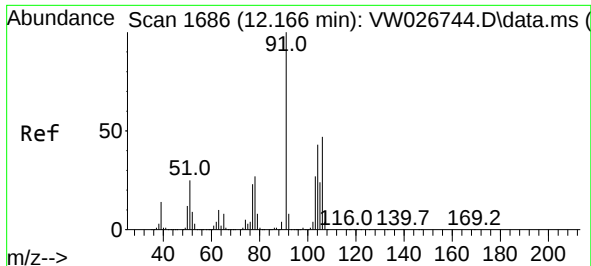
Tgt Ion: 91 Resp: 1038586
Ion Ratio Lower Upper
91 100
106 29.4 20.2 37.6



#53
m,p-Xylene
Concen: 24.255 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 106 Resp: 384062
Ion Ratio Lower Upper
106 100
91 214.4 152.9 284.1

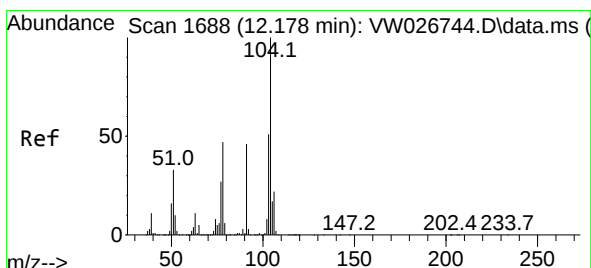
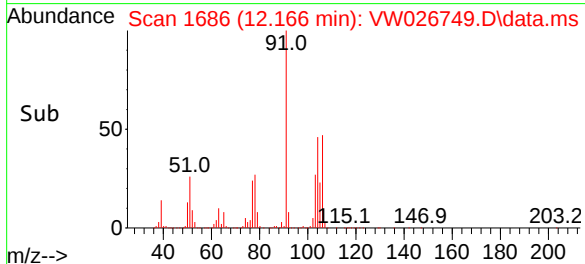
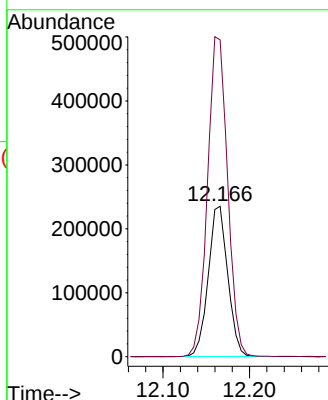
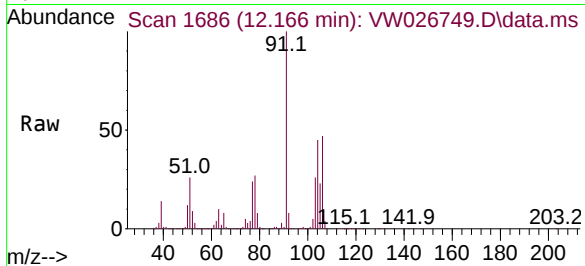




#54
o-Xylene
Concen: 24.928 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

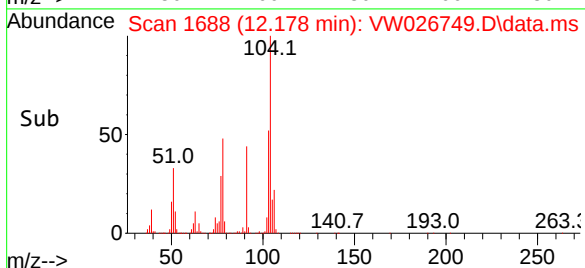
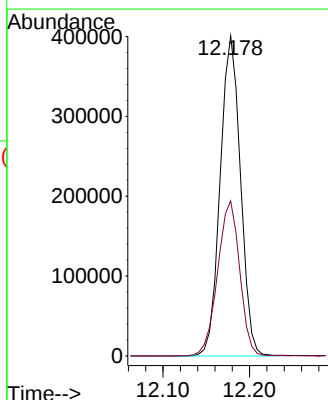
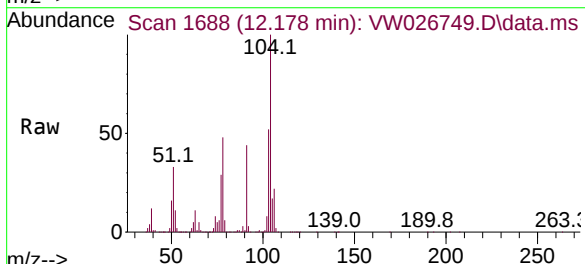
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

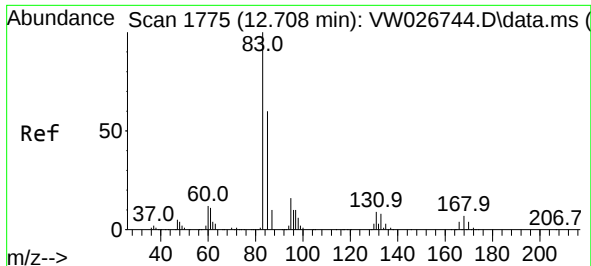
Tgt Ion:106 Resp: 368391
Ion Ratio Lower Upper
106 100
91 210.7 149.9 278.3



#55
Styrene
Concen: 25.417 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion:104 Resp: 653095
Ion Ratio Lower Upper
104 100
78 48.5 33.0 61.2





#57

1,1,2-Tetrachloroethane

Concen: 23.634 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

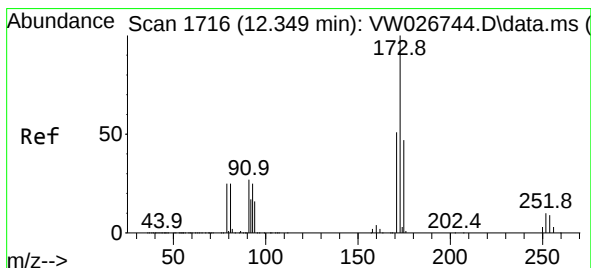
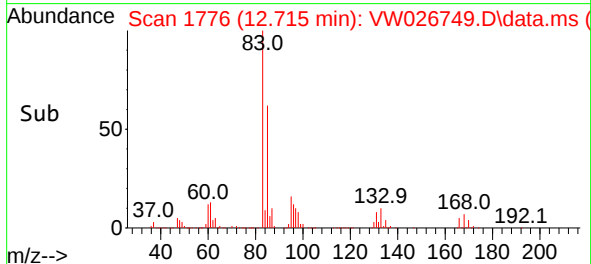
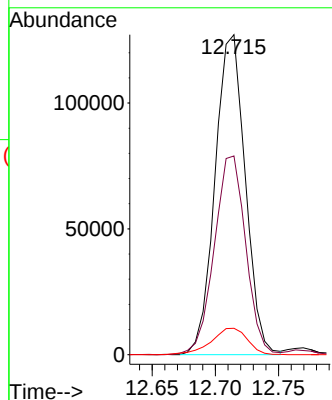
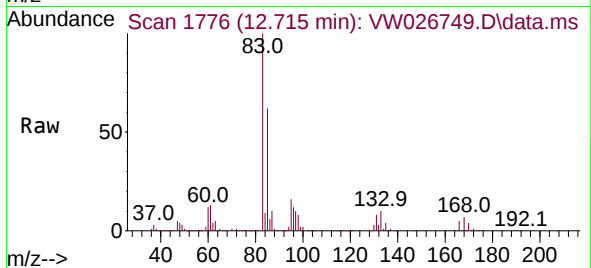
Tgt Ion: 83 Resp: 211258

Ion Ratio Lower Upper

83 100

85 62.1 44.9 83.3

131 8.3 7.4 11.0



#59

Bromoform

Concen: 23.232 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

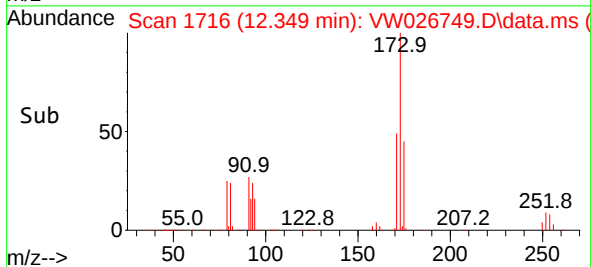
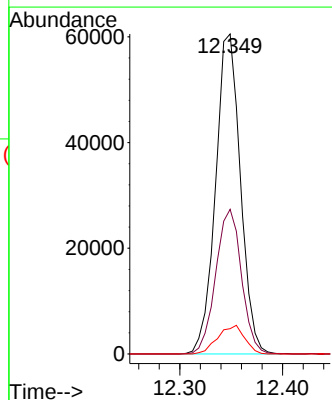
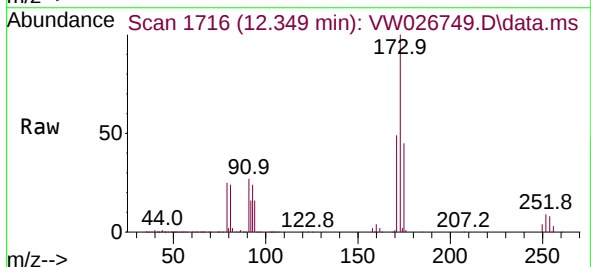
Tgt Ion: 173 Resp: 101552

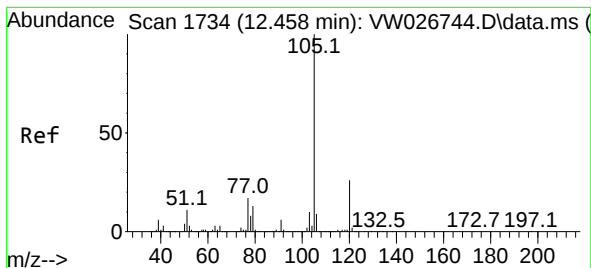
Ion Ratio Lower Upper

173 100

175 46.8 36.6 55.0

254 9.6 7.8 11.6

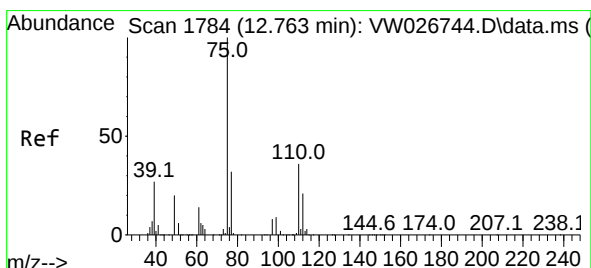
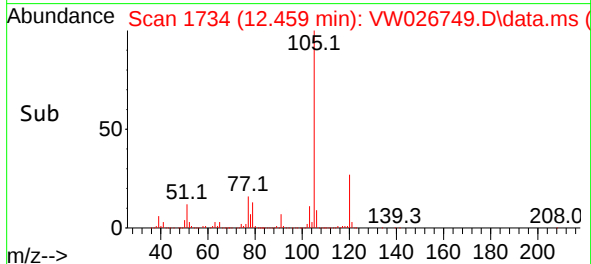
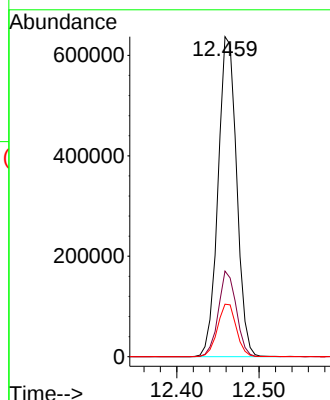
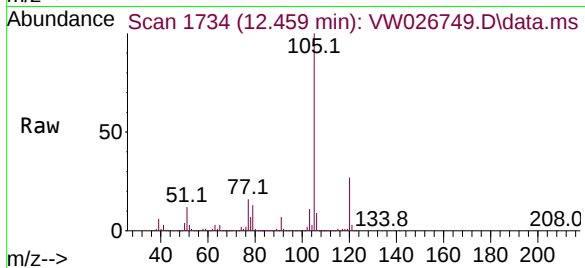




#60
Isopropylbenzene
Concen: 24.131 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

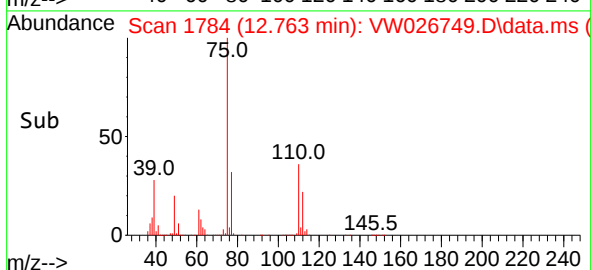
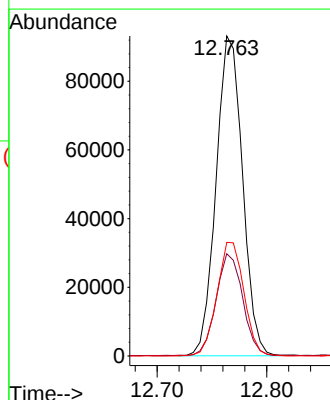
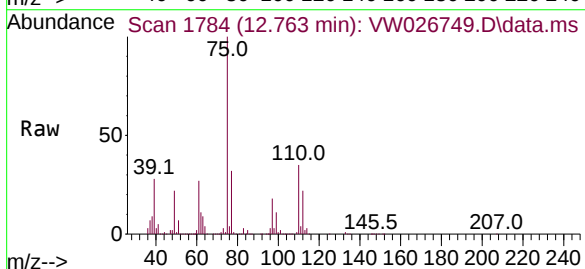
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

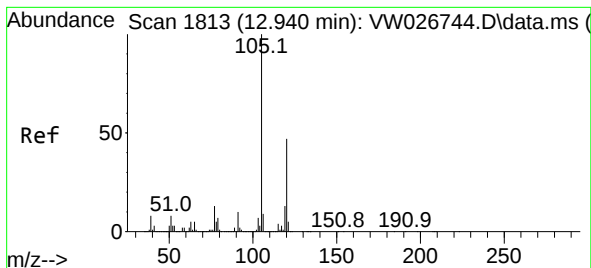
Tgt Ion:105 Resp: 1001129
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.6
77 16.6 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 23.069 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion: 75 Resp: 156144
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
110 36.3 29.9 44.9

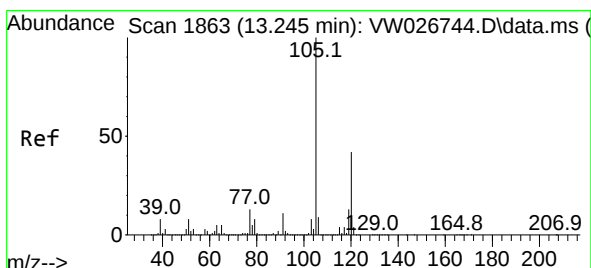
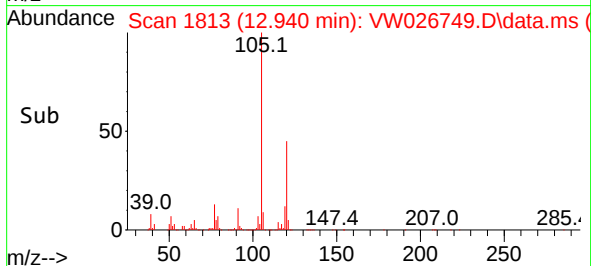
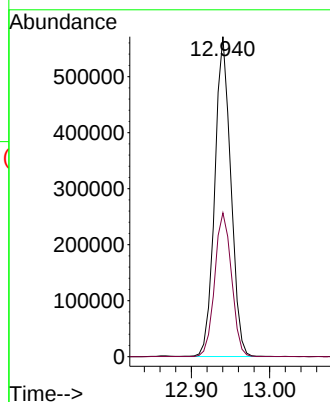
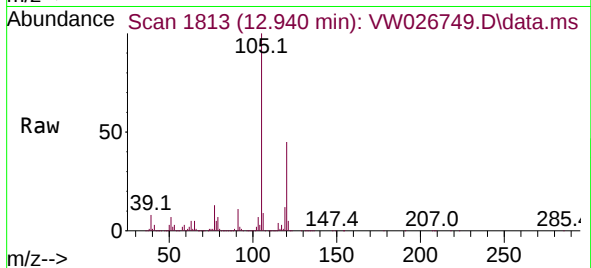




#62
1,3,5-Trimethylbenzene
Concen: 24.796 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

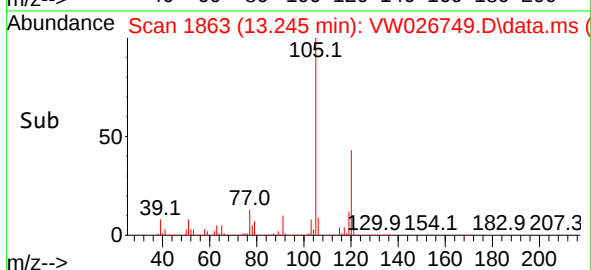
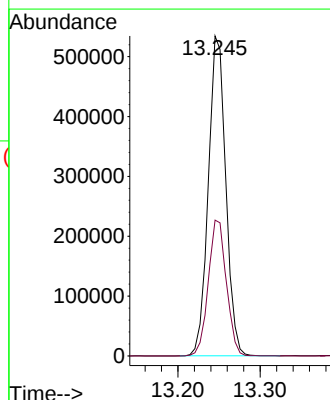
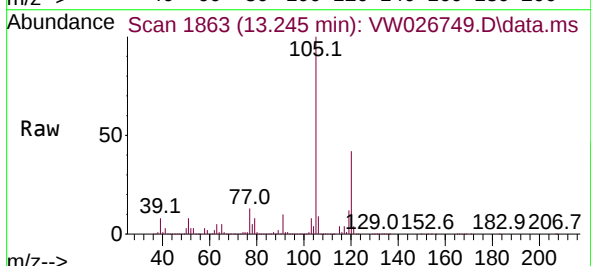
Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

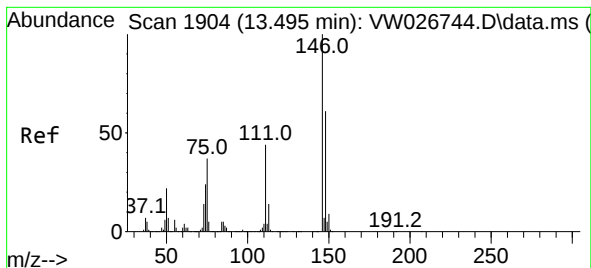
Tgt Ion:105 Resp: 813090
Ion Ratio Lower Upper
105 100
120 47.1 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 24.518 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion:105 Resp: 787841
Ion Ratio Lower Upper
105 100
120 43.9 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 22.977 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

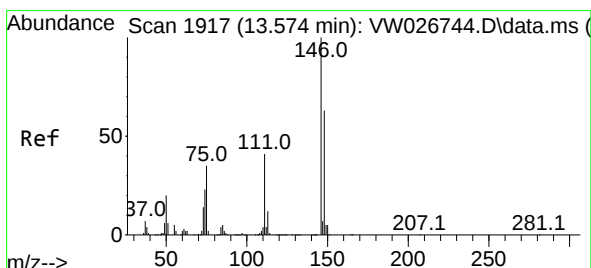
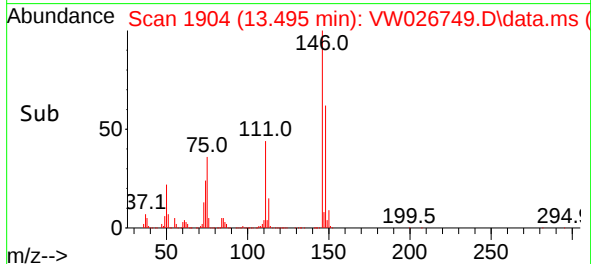
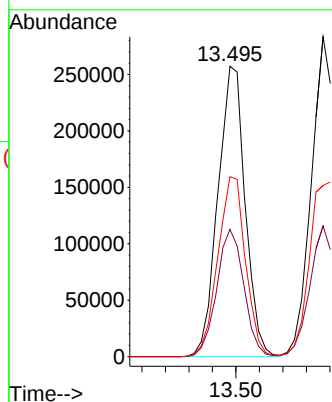
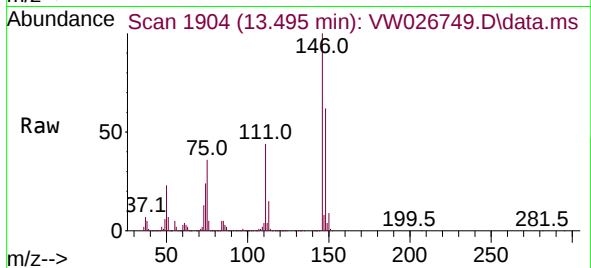
Tgt Ion:146 Resp: 414556

Ion Ratio Lower Upper

146 100

111 43.9 29.1 54.1

148 62.0 38.8 72.0



#65

1,4-Dichlorobenzene

Concen: 22.922 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

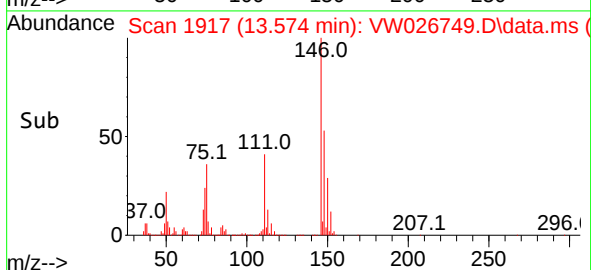
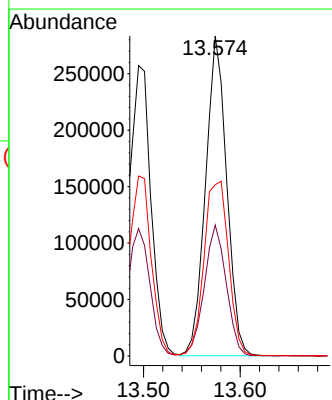
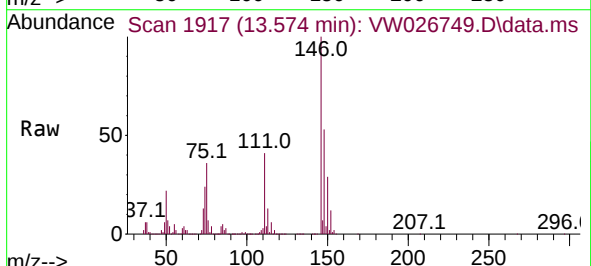
Tgt Ion:146 Resp: 431609

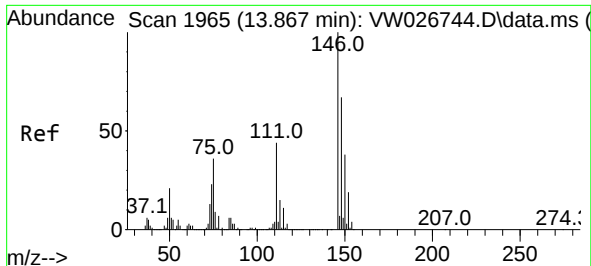
Ion Ratio Lower Upper

146 100

111 40.9 28.3 52.7

148 53.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 23.332 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

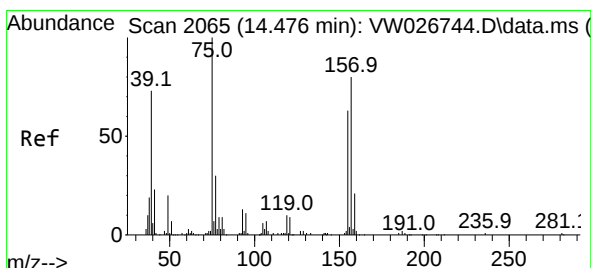
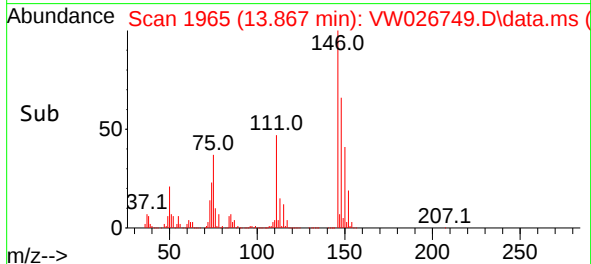
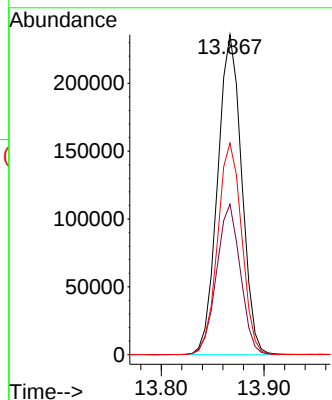
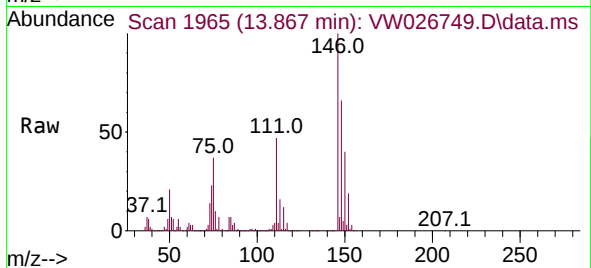
Tgt Ion:146 Resp: 382804

Ion Ratio Lower Upper

146 100

111 47.1 34.6 52.0

148 66.1 53.4 80.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.419 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

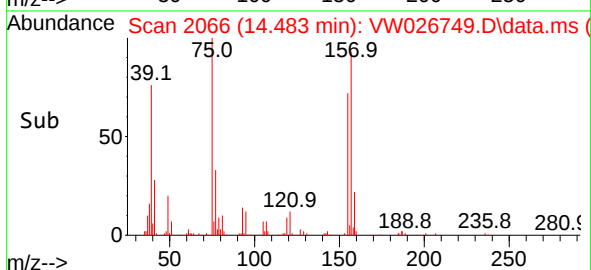
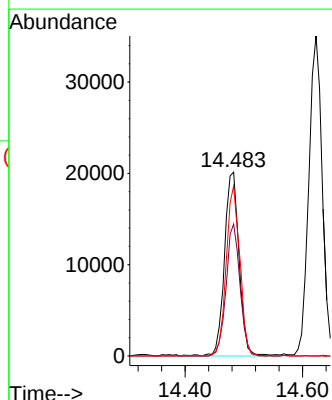
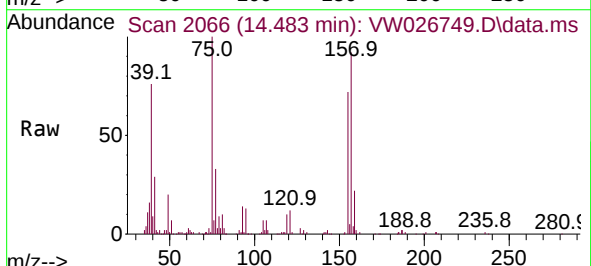
Tgt Ion: 75 Resp: 34951

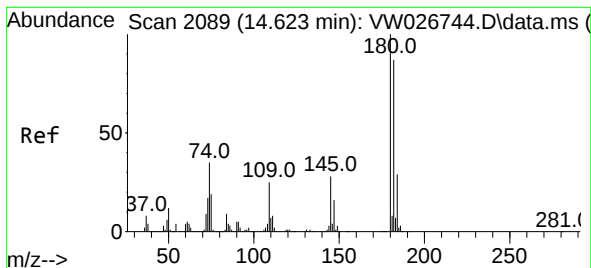
Ion Ratio Lower Upper

75 100

155 71.7 55.0 82.6

157 92.4 77.8 116.6





#69

1,3,5-Trichlorobenzene

Concen: 21.222 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :

VSTD025580

Tgt Ion:180 Resp: 258685

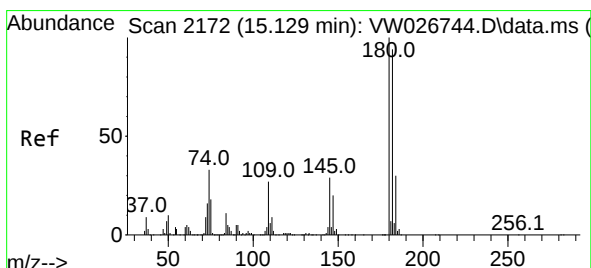
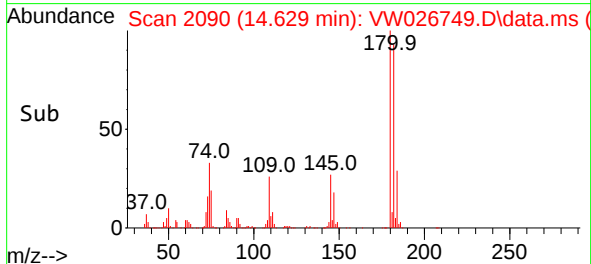
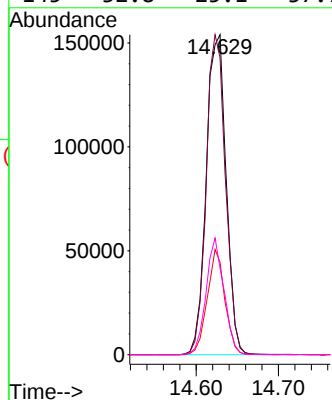
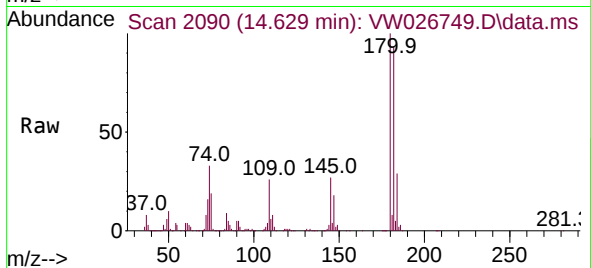
Ion Ratio Lower Upper

180 100

182 96.8 75.2 112.8

184 29.2 23.8 35.8

145 32.8 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 21.522 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026749.D

Acq: 15 Aug 2023 15:51

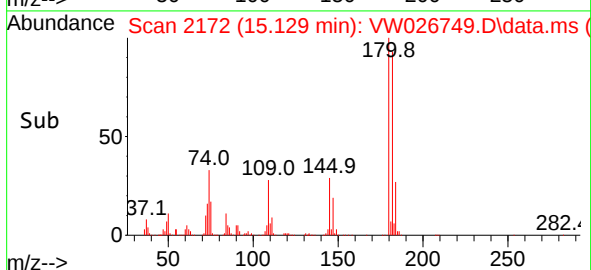
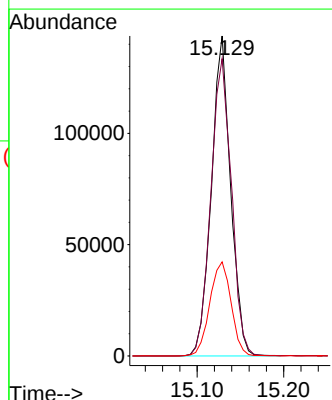
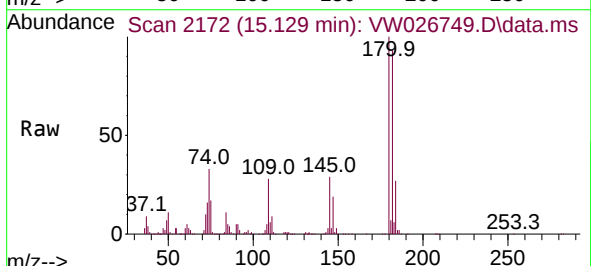
Tgt Ion:180 Resp: 222425

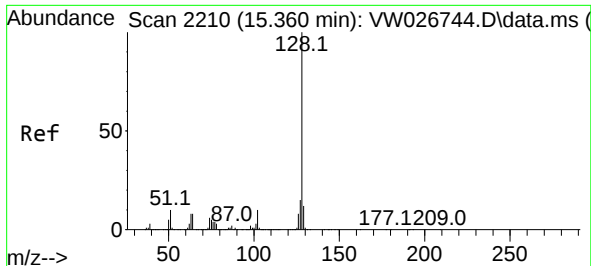
Ion Ratio Lower Upper

180 100

182 99.0 72.5 108.7

145 32.5 24.7 37.1

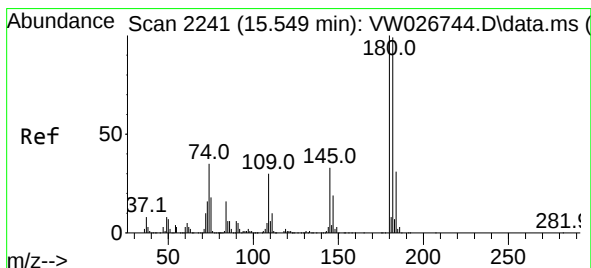
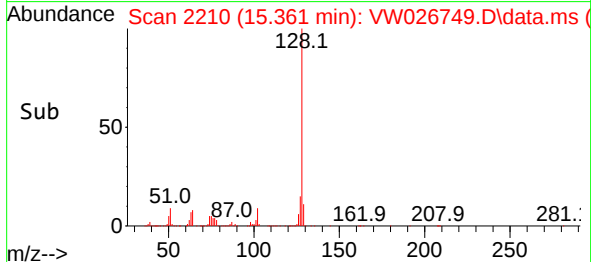
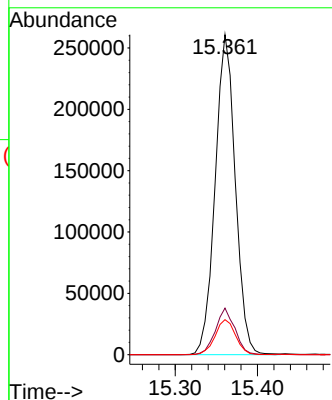
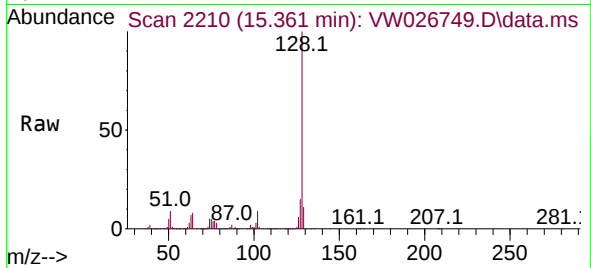




#71
Naphthalene
Concen: 22.545 ug/L
RT: 15.361 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Instrument :
MSVOA_W
ClientSampleId :
VSTD025580

Tgt Ion:128 Resp: 444447
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 11.1 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 21.997 ug/L
RT: 15.550 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026749.D
Acq: 15 Aug 2023 15:51

Tgt Ion:180 Resp: 205047
Ion Ratio Lower Upper
180 100
182 97.1 74.6 112.0
145 35.5 27.0 40.6

